

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

06/20/2023

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	25.43	24.79	21.50	20.45	21.33	21.33	22.58	27.16	29.74	30.15	28.66	34.14	31.31	31.71	31.20	31.30	32.00	44.13	36.56	32.89	32.72	30.56	26.46	23.72
24138	1.44	1.27	1.11	1.06	1.01	1.07	1.32	1.66	1.93	1.98	1.97	2.03	2.35	2.35	2.26	2.32	2.29	2.88	2.05	1.76	1.80	1.64	1.46	1.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.82	-0.03	0.00	-0.28	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	25.48	24.86	21.56	20.49	21.38	21.38	22.62	27.20	29.78	30.18	28.69	34.16	31.31	31.71	31.21	31.32	32.00	44.16	36.60	32.96	32.79	30.63	26.51	23.77
24260	1.49	1.34	1.17	1.11	1.07	1.12	1.36	1.70	1.97	2.01	2.00	2.05	2.36	2.35	2.27	2.34	2.29	2.91	2.09	1.83	1.87	1.71	1.52	1.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.82	-0.03	0.00	-0.28	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	25.48	24.86	21.56	20.49	21.38	21.38	22.62	27.20	29.78	30.18	28.69	34.16	31.31	31.71	31.21	31.32	32.00	44.16	36.60	32.96	32.79	30.63	26.51	23.77
24261	1.49	1.34	1.17	1.11	1.07	1.12	1.36	1.70	1.97	2.01	2.00	2.05	2.36	2.35	2.27	2.34	2.29	2.91	2.09	1.83	1.87	1.71	1.52	1.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.82	-0.03	0.00	-0.28	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	25.44	24.95	21.62	20.56	21.49	21.43	22.55	27.04	29.54	29.67	27.77	21.12	30.16	30.81	29.61	29.80	30.95	43.11	36.33	32.98	33.10	30.96	26.56	23.83
24011	1.45	1.43	1.23	1.18	1.18	1.18	1.29	1.54	1.73	1.50	1.09	1.11	1.27	1.44	1.26	1.03	1.24	1.86	1.82	1.85	2.18	2.04	1.57	1.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.30	0.03	0.00	0.31	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	25.66	25.18	21.81	20.74	21.67	21.64	22.74	27.26	29.74	29.82	27.92	21.36	30.36	31.03	29.80	30.01	31.21	43.51	36.67	33.29	33.42	31.27	26.80	24.06
23798	1.67	1.66	1.42	1.36	1.36	1.38	1.48	1.76	1.93	1.66	1.23	1.27	1.46	1.66	1.44	1.24	1.50	2.26	2.16	2.15	2.50	2.36	1.81	1.69
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.21	0.03	0.00	0.30	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	25.44	24.95	21.62	20.56	21.49	21.43	22.55	27.04	29.54	29.67	27.77	21.12	30.16	30.81	29.61	29.80	30.95	43.11	36.33	32.98	33.10	30.96	26.56	23.83
24028	1.45	1.43	1.23	1.18	1.18	1.18	1.29	1.54	1.73	1.50	1.09	1.11	1.27	1.44	1.26	1.03	1.24	1.86	1.82	1.85	2.18	2.04	1.57	1.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.30	0.03	0.00	0.31	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	25.09	24.69	21.42	20.39	21.27	21.04	22.10	26.44	28.88	29.02	27.31	13.96	29.66	30.29	28.72	29.03	30.22	41.95	35.06	32.07	32.03	29.99	25.77	23.24
23527	1.10	1.16	1.03	1.01	0.95	0.78	0.84	0.93	1.07	0.86	0.62	0.63	0.81	0.93	0.70	0.37	0.51	0.70	0.55	0.94	1.11	1.08	0.78	0.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.98	0.07	0.00	0.64	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	24.27	23.80	20.66	19.65	20.52	20.43	21.54	25.77	28.20	28.47	26.91	21.51	29.26	29.78	28.71	29.06	30.00	41.51	34.73	31.44	31.28	29.26	25.19	22.61
24190	0.28	0.27	0.27	0.27	0.21	0.17	0.28	0.27	0.39	0.30	0.22	0.26	0.36	0.41	0.30	0.26	0.28	0.26	0.22	0.30	0.36	0.35	0.20	0.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.05	0.03	0.00	0.25	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	23.64	23.25	20.15	19.20	20.16	20.10	21.01	25.32	27.57	27.91	26.37	25.98	28.55	28.98	28.27	28.50	29.29	40.77	34.18	30.82	30.59	28.63	24.78	22.14
355683	-0.35	-0.27	-0.24	-0.18	-0.16	-0.16	-0.25	-0.18	-0.24	-0.25	-0.31	-0.32	-0.38	-0.39	-0.38	-0.38	-0.42	-0.48	-0.33	-0.32	-0.33	-0.28	-0.22	-0.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	24.27	23.80	20.66	19.65	20.52	20.43	21.54	25.77	28.20	28.47	26.91	21.51	29.26	29.78	28.71	29.06	30.00	41.51	34.73	31.44	31.28	29.26	25.19	22.61
23571	0.28	0.27	0.27	0.27	0.21	0.17	0.28	0.27	0.39	0.30	0.22	0.26	0.36	0.41	0.30	0.26	0.28	0.26	0.22	0.30	0.36	0.35	0.20	0.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.05	0.03	0.00	0.25	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___2	24.27	23.80	20.66	19.65	20.52	20.43	21.54	25.77	28.20	28.47	26.91	21.51	29.26	29.78	28.71	29.06	30.00	41.51	34.73	31.44	31.28	29.26	25.19	22.61
23572	0.28	0.27	0.27	0.27	0.21	0.17	0.28	0.27	0.39	0.30	0.22	0.26	0.36	0.41	0.30	0.26	0.28	0.26	0.22	0.30	0.36	0.35	0.20	0.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.05	0.03	0.00	0.25	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___3	24.27	23.80	20.66	19.65	20.52	20.43	21.54	25.77	28.20	28.47	26.91	21.51	29.26	29.78	28.71	29.06	30.00	41.51	34.73	31.44	31.28	29.26	25.19	22.61
23573	0.28	0.27	0.27	0.27	0.21	0.17	0.28	0.27	0.39	0.30	0.22	0.26	0.36	0.41	0.30	0.26	0.28	0.26	0.22	0.30	0.36	0.35	0.20	0.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.05	0.03	0.00	0.25	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___4 23574	24.27 0.28 0.00	23.80 0.27 0.00	20.66 0.27 0.00	19.65 0.27 0.00	20.52 0.21 0.00	20.43 0.17 0.00	21.54 0.28 0.00	25.77 0.27 0.00	28.20 0.39 0.00	28.47 0.30 0.00	26.91 0.22 0.00	21.51 0.26 5.05	29.26 0.36 0.03	29.78 0.41 0.00	28.71 0.30 0.25	29.06 0.26 0.09	30.00 0.28 0.00	41.51 0.26 0.00	34.73 0.22 0.00	31.44 0.30 0.00	31.28 0.36 0.00	29.26 0.35 0.00	25.19 0.20 0.00	22.61 0.24 0.00
ALBANY___LFGE 323615	24.54 0.55 0.00	24.05 0.53 0.00	20.88 0.49 0.00	19.85 0.47 0.00	20.74 0.43 0.00	20.65 0.39 0.00	21.77 0.51 0.00	26.05 0.55 0.00	28.51 0.70 0.00	28.78 0.62 0.00	27.21 0.53 0.00	21.38 0.55 5.47	29.59 0.69 0.03	30.13 0.76 0.00	29.03 0.64 0.27	29.39 0.60 0.09	30.36 0.64 0.00	42.04 0.79 0.00	35.18 0.67 0.00	31.84 0.71 0.00	31.67 0.75 0.00	29.62 0.71 0.00	25.49 0.50 0.00	22.87 0.50 0.00
ALCOA_PA_115KV_PL-6C 55860	23.79 -0.20 0.00	23.40 -0.12 0.00	20.26 -0.13 0.00	19.32 -0.06 0.00	20.29 -0.03 0.00	20.23 -0.02 0.00	21.13 -0.13 0.00	25.45 -0.05 0.00	27.69 -0.12 0.00	28.02 -0.14 0.00	26.48 -0.20 0.00	26.08 -0.22 0.00	28.68 -0.25 0.00	29.12 -0.25 0.00	28.38 -0.28 0.00	28.62 -0.26 0.00	29.40 -0.31 0.00	40.91 -0.34 0.00	34.30 -0.21 0.00	30.95 -0.18 0.00	30.73 -0.19 0.00	28.76 -0.15 0.00	24.89 -0.10 0.00	22.27 -0.10 0.00
ALCOA_RYNLDS___DRP 24188	23.79 -0.20 0.00	23.40 -0.12 0.00	20.26 -0.13 0.00	19.32 -0.06 0.00	20.29 -0.03 0.00	20.23 -0.02 0.00	21.13 -0.13 0.00	25.45 -0.05 0.00	27.69 -0.12 0.00	28.02 -0.14 0.00	26.48 -0.20 0.00	26.08 -0.22 0.00	28.68 -0.25 0.00	29.12 -0.25 0.00	28.38 -0.28 0.00	28.62 -0.26 0.00	29.40 -0.31 0.00	40.91 -0.34 0.00	34.30 -0.21 0.00	30.95 -0.18 0.00	30.73 -0.19 0.00	28.76 -0.15 0.00	24.89 -0.10 0.00	22.27 -0.10 0.00
ALCOA___DSASP 323711	23.79 -0.20 0.00	23.40 -0.13 0.00	20.26 -0.13 0.00	19.32 -0.06 0.00	20.29 -0.03 0.00	20.23 -0.02 0.00	21.14 -0.12 0.00	25.45 -0.05 0.00	27.69 -0.12 0.00	28.02 -0.14 0.00	26.48 -0.20 0.00	26.08 -0.22 0.00	28.68 -0.25 0.00	29.12 -0.25 0.00	28.38 -0.28 0.00	28.62 -0.26 0.00	29.40 -0.31 0.00	40.91 -0.34 0.00	34.30 -0.21 0.00	30.95 -0.18 0.00	30.73 -0.19 0.00	28.76 -0.15 0.00	24.89 -0.10 0.00	22.27 -0.10 0.00
ALLEGHENY___COGEN 23514	25.36 1.37 0.00	24.65 1.12 0.00	21.27 0.88 0.00	20.05 0.67 0.00	21.21 0.89 0.00	21.25 0.99 0.00	22.49 1.24 0.00	26.83 1.33 0.00	29.15 1.34 0.00	29.55 1.39 0.00	28.33 1.65 0.00	27.79 1.49 0.00	30.26 1.34 0.00	30.62 1.25 0.00	29.78 1.12 0.00	29.96 1.09 0.00	30.95 1.23 0.00	43.21 1.96 0.00	36.28 1.77 0.00	32.83 1.69 0.00	32.82 1.90 0.00	30.85 1.94 0.00	26.83 1.83 0.00	23.97 1.60 0.00
ALTAMONT_115KV_TB 2 55880	24.64 0.64 0.00	24.14 0.61 0.00	20.95 0.56 0.00	19.92 0.54 0.00	20.82 0.50 0.00	20.73 0.47 0.00	21.83 0.57 0.00	26.13 0.63 0.00	28.57 0.76 0.00	28.86 0.70 0.00	27.30 0.61 0.00	23.37 0.62 3.55	29.65 0.75 0.02	30.17 0.80 0.00	29.18 0.70 0.17	29.49 0.67 0.06	30.40 0.69 0.00	42.12 0.87 0.00	35.22 0.71 0.00	31.88 0.75 0.00	31.73 0.81 0.00	29.68 0.77 0.00	25.58 0.59 0.00	22.95 0.58 0.00
ALTONA_WT_PWR 323606	24.66 0.67 0.00	24.17 0.64 0.00	20.98 0.59 0.00	20.02 0.64 0.00	20.96 0.65 0.00	20.89 0.63 0.00	21.91 0.65 0.00	26.36 0.85 0.00	28.67 0.86 0.00	28.93 0.77 0.00	27.36 0.67 0.00	26.98 0.68 0.00	29.62 0.70 0.00	30.14 0.77 0.00	29.36 0.69 0.00	29.57 0.69 0.00	30.54 0.82 0.00	42.67 1.41 0.00	35.87 1.36 0.00	32.42 1.29 0.00	32.14 1.23 0.00	29.95 1.04 0.00	25.70 0.71 0.00	22.91 0.54 0.00
AMERICAN_REF_FUEL 24010	24.06 0.06 0.00	23.26 -0.27 0.00	20.02 -0.37 0.00	18.81 -0.57 0.00	19.97 -0.34 0.00	20.02 -0.24 0.00	21.08 -0.18 0.00	25.07 -0.44 0.00	27.14 -0.67 0.00	27.80 -0.37 0.00	26.76 0.07 0.00	26.25 -0.05 0.00	28.60 -0.33 0.00	29.02 -0.35 0.00	28.43 -0.23 0.00	28.63 -0.25 0.00	29.46 -0.25 0.00	40.90 -0.35 0.00	34.51 0.00 0.00	30.83 -0.30 0.00	30.46 -0.46 0.00	28.58 -0.33 0.00	25.04 0.05 0.00	22.61 0.23 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	24.44 0.45 0.00	23.69 0.17 0.00	20.45 0.06 0.00	19.22 -0.16 0.00	20.44 0.12 0.00	20.44 0.18 0.00	21.76 0.50 0.00	26.29 0.79 0.00	28.91 1.10 0.00	29.75 1.58 0.00	28.76 2.08 0.00	28.19 1.89 0.00	30.75 1.83 0.00	31.03 1.66 0.00	30.27 1.61 0.00	30.32 1.45 0.00	31.34 1.62 0.00	43.53 2.28 0.00	36.56 2.05 0.00	32.71 1.57 0.00	32.24 1.32 0.00	30.10 1.19 0.00	26.22 1.23 0.00	23.40 1.03 0.00
ARTHUR_KILL_GT_1 23520	25.37 1.38 0.00	24.76 1.24 0.00	21.47 1.08 0.00	20.40 1.01 0.00	21.27 0.96 0.00	21.29 1.04 0.00	22.52 1.26 0.00	27.04 1.54 0.00	29.53 1.72 0.00	29.92 1.75 0.00	28.47 1.78 0.00	33.90 1.79 -5.82	31.00 2.05 -0.03	31.32 1.96 0.01	30.89 1.95 -0.28	30.99 2.01 -0.10	31.69 1.98 0.00	43.74 2.49 0.00	36.28 1.77 0.00	32.71 1.58 0.00	32.46 1.54 0.01	30.37 1.46 0.00	26.40 1.41 0.00	23.66 1.29 0.00
ARTHUR_KILL_2 23512	25.30 1.31 0.00	24.71 1.18 0.00	21.42 1.02 0.00	20.34 0.96 0.00	21.23 0.91 0.00	21.24 0.98 0.00	22.45 1.19 0.00	26.97 1.47 0.00	29.46 1.65 0.00	29.84 1.67 0.00	28.38 1.69 0.00	33.82 1.70 -5.82	30.90 1.95 -0.03	31.23 1.86 0.01	30.80 1.86 -0.28	30.89 1.92 -0.10	31.59 1.88 0.00	43.60 2.34 0.00	36.16 1.66 0.00	32.61 1.48 0.00	32.36 1.44 0.01	30.27 1.36 0.00	26.32 1.33 0.00	23.60 1.23 0.00
ARTHUR_KILL_3 23513	25.22 1.23 0.00	24.61 1.08 0.00	21.33 0.94 0.00	20.28 0.90 0.00	21.16 0.84 0.00	21.16 0.90 0.00	22.35 1.09 0.00	26.86 1.36 0.00	29.38 1.57 0.00	29.77 1.60 0.00	28.28 1.59 0.00	33.77 1.65 -5.82	30.89 1.94 -0.03	31.26 1.89 0.00	30.75 1.80 -0.28	30.83 1.86 -0.10	31.53 1.82 0.00	43.49 2.24 0.00	36.05 1.54 0.00	32.48 1.35 0.00	32.31 1.39 0.00	30.16 1.25 0.00	26.16 1.16 0.00	23.48 1.11 0.00
ARTHUR_KILL_COGEN 323718	25.37 1.38 0.00	24.76 1.24 0.00	21.47 1.08 0.00	20.40 1.01 0.00	21.27 0.96 0.00	21.29 1.04 0.00	22.52 1.26 0.00	27.04 1.54 0.00	29.53 1.72 0.00	29.92 1.75 0.00	28.47 1.78 0.00	33.90 1.79 -5.82	31.00 2.05 -0.03	31.32 1.96 0.01	30.89 1.95 -0.28	30.99 2.01 -0.10	31.69 1.98 0.00	43.74 2.49 0.00	36.28 1.77 0.00	32.71 1.58 0.00	32.46 1.54 0.01	30.37 1.46 0.00	26.40 1.41 0.00	23.66 1.29 0.00
ASHOKAN____ 23654	24.83 0.84 0.00	24.28 0.76 0.00	21.02 0.63 0.00	19.99 0.61 0.00	20.92 0.60 0.00	20.86 0.60 0.00	21.95 0.69 0.00	26.30 0.80 0.00	28.81 1.00 0.00	29.11 0.94 0.00	27.54 0.86 0.00	27.17 0.87 0.00	30.08 1.16 0.00	30.36 0.99 0.00	29.49 0.84 0.00	29.86 0.98 0.00	30.63 0.92 0.00	42.52 1.27 0.00	35.61 1.10 0.00	32.26 1.12 0.00	32.11 1.20 0.00	30.01 1.10 0.00	25.81 0.81 0.00	23.12 0.75 0.00

ASTORIA_EAST_ENERGY_CC1 323581	25.30 1.31 0.00	24.71 1.19 0.00	21.43 1.04 0.00	20.35 0.97 0.00	21.23 0.91 0.00	21.23 0.97 0.00	22.48 1.22 0.00	27.01 1.51 0.00	29.53 1.72 0.00	29.91 1.74 0.00	28.41 1.72 0.00	33.86 1.74 -5.82	30.98 2.02 -0.03	31.37 2.00 0.00	30.90 1.95 -0.28	30.97 2.00 -0.10	31.60 1.89 0.00	43.62 2.37 0.00	36.13 1.63 0.00	32.62 1.49 0.00	32.49 1.57 0.00	30.36 1.45 0.00	26.30 1.31 0.00	23.59 1.22 0.00
ASTORIA_EAST_ENERGY_CC2 323582	25.30 1.31 0.00	24.71 1.19 0.00	21.43 1.04 0.00	20.35 0.97 0.00	21.23 0.91 0.00	21.23 0.97 0.00	22.48 1.22 0.00	27.01 1.51 0.00	29.53 1.72 0.00	29.91 1.74 0.00	28.41 1.72 0.00	33.86 1.74 -5.82	30.98 2.02 -0.03	31.37 2.00 0.00	30.90 1.95 -0.28	30.97 2.00 -0.10	31.60 1.89 0.00	43.62 2.37 0.00	36.13 1.63 0.00	32.62 1.49 0.00	32.49 1.57 0.00	30.36 1.45 0.00	26.30 1.31 0.00	23.59 1.22 0.00
ASTORIA_GT2_1 24094	25.30 1.31 0.00	24.72 1.20 0.00	21.44 1.05 0.00	20.35 0.97 0.00	21.24 0.92 0.00	21.25 0.99 0.00	22.50 1.24 0.00	27.03 1.53 0.00	29.54 1.73 0.00	29.92 1.76 0.00	28.43 1.74 0.00	33.88 1.76 -5.82	31.00 2.05 -0.03	31.38 2.02 0.00	30.92 1.97 -0.28	31.00 2.02 -0.10	31.61 1.90 0.00	43.64 2.38 0.00	36.15 1.64 0.00	32.64 1.52 0.00	32.51 1.59 0.00	30.38 1.46 0.00	26.32 1.33 0.00	23.61 1.24 0.00
ASTORIA_GT2_2 24095	25.30 1.31 0.00	24.72 1.20 0.00	21.44 1.05 0.00	20.35 0.97 0.00	21.24 0.92 0.00	21.25 0.99 0.00	22.50 1.24 0.00	27.03 1.53 0.00	29.54 1.73 0.00	29.92 1.76 0.00	28.43 1.74 0.00	33.88 1.76 -5.82	31.00 2.05 -0.03	31.38 2.02 0.00	30.92 1.97 -0.28	31.00 2.02 -0.10	31.61 1.90 0.00	43.64 2.38 0.00	36.15 1.64 0.00	32.64 1.52 0.00	32.51 1.59 0.00	30.38 1.46 0.00	26.32 1.33 0.00	23.61 1.24 0.00
ASTORIA_GT2_3 24096	25.30 1.31 0.00	24.72 1.20 0.00	21.44 1.05 0.00	20.35 0.97 0.00	21.24 0.92 0.00	21.25 0.99 0.00	22.50 1.24 0.00	27.03 1.53 0.00	29.54 1.73 0.00	29.92 1.76 0.00	28.43 1.74 0.00	33.88 1.76 -5.82	31.00 2.05 -0.03	31.38 2.02 0.00	30.92 1.97 -0.28	31.00 2.02 -0.10	31.61 1.90 0.00	43.64 2.38 0.00	36.15 1.64 0.00	32.64 1.52 0.00	32.51 1.59 0.00	30.38 1.46 0.00	26.32 1.33 0.00	23.61 1.24 0.00
ASTORIA_GT2_4 24097	25.30 1.31 0.00	24.72 1.20 0.00	21.44 1.05 0.00	20.35 0.97 0.00	21.24 0.92 0.00	21.25 0.99 0.00	22.50 1.24 0.00	27.03 1.53 0.00	29.54 1.73 0.00	29.92 1.76 0.00	28.43 1.74 0.00	33.88 1.76 -5.82	31.00 2.05 -0.03	31.38 2.02 0.00	30.92 1.97 -0.28	31.00 2.02 -0.10	31.61 1.90 0.00	43.64 2.38 0.00	36.15 1.64 0.00	32.64 1.52 0.00	32.51 1.59 0.00	30.38 1.46 0.00	26.32 1.33 0.00	23.61 1.24 0.00
ASTORIA_GT3_1 24098	25.30 1.31 0.00	24.72 1.20 0.00	21.44 1.05 0.00	20.35 0.97 0.00	21.24 0.92 0.00	21.25 0.99 0.00	22.50 1.24 0.00	27.03 1.53 0.00	29.54 1.73 0.00	29.92 1.76 0.00	28.43 1.74 0.00	33.88 1.76 -5.82	31.00 2.05 -0.03	31.38 2.02 0.00	30.92 1.97 -0.28	31.00 2.02 -0.10	31.61 1.90 0.00	43.64 2.38 0.00	36.15 1.64 0.00	32.64 1.52 0.00	32.51 1.59 0.00	30.38 1.46 0.00	26.32 1.33 0.00	23.61 1.24 0.00
ASTORIA_GT3_2 24099	25.30 1.31 0.00	24.72 1.20 0.00	21.44 1.05 0.00	20.35 0.97 0.00	21.24 0.92 0.00	21.25 0.99 0.00	22.50 1.24 0.00	27.03 1.53 0.00	29.54 1.73 0.00	29.92 1.76 0.00	28.43 1.74 0.00	33.88 1.76 -5.82	31.00 2.05 -0.03	31.38 2.02 0.00	30.92 1.97 -0.28	31.00 2.02 -0.10	31.61 1.90 0.00	43.64 2.38 0.00	36.15 1.64 0.00	32.64 1.52 0.00	32.51 1.59 0.00	30.38 1.46 0.00	26.32 1.33 0.00	23.61 1.24 0.00
ASTORIA_GT3_3 24100	25.30 1.31 0.00	24.72 1.20 0.00	21.44 1.05 0.00	20.35 0.97 0.00	21.24 0.92 0.00	21.25 0.99 0.00	22.50 1.24 0.00	27.03 1.53 0.00	29.54 1.73 0.00	29.92 1.76 0.00	28.43 1.74 0.00	33.88 1.76 -5.82	31.00 2.05 -0.03	31.38 2.02 0.00	30.92 1.97 -0.28	31.00 2.02 -0.10	31.61 1.90 0.00	43.64 2.38 0.00	36.15 1.64 0.00	32.64 1.52 0.00	32.51 1.59 0.00	30.38 1.46 0.00	26.32 1.33 0.00	23.61 1.24 0.00
ASTORIA_GT3_4 24101	25.30 1.31 0.00	24.72 1.20 0.00	21.44 1.05 0.00	20.35 0.97 0.00	21.24 0.92 0.00	21.25 0.99 0.00	22.50 1.24 0.00	27.03 1.53 0.00	29.54 1.73 0.00	29.92 1.76 0.00	28.43 1.74 0.00	33.88 1.76 -5.82	31.00 2.05 -0.03	31.38 2.02 0.00	30.92 1.97 -0.28	31.00 2.02 -0.10	31.61 1.90 0.00	43.64 2.38 0.00	36.15 1.64 0.00	32.64 1.52 0.00	32.51 1.59 0.00	30.38 1.46 0.00	26.32 1.33 0.00	23.61 1.24 0.00
ASTORIA_GT4_1 24102	25.30 1.31 0.00	24.72 1.20 0.00	21.44 1.05 0.00	20.35 0.97 0.00	21.24 0.92 0.00	21.25 0.99 0.00	22.50 1.24 0.00	27.03 1.53 0.00	29.54 1.73 0.00	29.92 1.76 0.00	28.43 1.74 0.00	33.88 1.76 -5.82	31.00 2.05 -0.03	31.38 2.02 0.00	30.92 1.97 -0.28	31.00 2.02 -0.10	31.61 1.90 0.00	43.64 2.38 0.00	36.15 1.64 0.00	32.64 1.52 0.00	32.51 1.59 0.00	30.38 1.46 0.00	26.32 1.33 0.00	23.61 1.24 0.00
ASTORIA_GT4_2 24103	25.30 1.31 0.00	24.72 1.20 0.00	21.44 1.05 0.00	20.35 0.97 0.00	21.24 0.92 0.00	21.25 0.99 0.00	22.50 1.24 0.00	27.03 1.53 0.00	29.54 1.73 0.00	29.92 1.76 0.00	28.43 1.74 0.00	33.88 1.76 -5.82	31.00 2.05 -0.03	31.38 2.02 0.00	30.92 1.97 -0.28	31.00 2.02 -0.10	31.61 1.90 0.00	43.64 2.38 0.00	36.15 1.64 0.00	32.64 1.52 0.00	32.51 1.59 0.00	30.38 1.46 0.00	26.32 1.33 0.00	23.61 1.24 0.00
ASTORIA_GT4_3 24104	25.30 1.31 0.00	24.72 1.20 0.00	21.44 1.05 0.00	20.35 0.97 0.00	21.24 0.92 0.00	21.25 0.99 0.00	22.50 1.24 0.00	27.03 1.53 0.00	29.54 1.73 0.00	29.92 1.76 0.00	28.43 1.74 0.00	33.88 1.76 -5.82	31.00 2.05 -0.03	31.38 2.02 0.00	30.92 1.97 -0.28	31.00 2.02 -0.10	31.61 1.90 0.00	43.64 2.38 0.00	36.15 1.64 0.00	32.64 1.52 0.00	32.51 1.59 0.00	30.38 1.46 0.00	26.32 1.33 0.00	23.61 1.24 0.00
ASTORIA_GT4_4 24105	25.30 1.31 0.00	24.72 1.20 0.00	21.44 1.05 0.00	20.35 0.97 0.00	21.24 0.92 0.00	21.25 0.99 0.00	22.50 1.24 0.00	27.03 1.53 0.00	29.54 1.73 0.00	29.92 1.76 0.00	28.43 1.74 0.00	33.88 1.76 -5.82	31.00 2.05 -0.03	31.38 2.02 0.00	30.92 1.97 -0.28	31.00 2.02 -0.10	31.61 1.90 0.00	43.64 2.38 0.00	36.15 1.64 0.00	32.64 1.52 0.00	32.51 1.59 0.00	30.38 1.46 0.00	26.32 1.33 0.00	23.61 1.24 0.00
ASTORIA_GT_1 23523	25.36 1.37 0.00	24.76 1.24 0.00	21.47 1.08 0.00	20.39 1.00 0.00	21.27 0.95 0.00	21.28 1.02 0.00	22.54 1.28 0.00	27.08 1.58 0.00	29.60 1.79 0.00	29.99 1.82 0.00	28.49 1.80 0.00	33.94 1.82 -5.82	31.07 2.11 -0.03	31.46 2.09 0.00	30.98 2.04 -0.28	31.06 2.08 -0.10	31.69 1.98 0.00	43.75 2.50 0.00	36.24 1.73 0.00	32.71 1.58 0.00	32.59 1.67 0.00	30.44 1.52 0.00	26.38 1.38 0.00	23.65 1.28 0.00

ASTORIA_GT_10 24110	25.33 1.34 0.00	24.72 1.20 0.00	21.45 1.06 0.00	20.40 1.02 0.00	21.28 0.96 0.00	21.28 1.02 0.00	22.51 1.26 0.00	27.04 1.54 0.00	29.59 1.79 0.00	29.98 1.82 0.00	28.50 1.81 0.00	33.96 1.84 -5.82	31.09 2.14 -0.03	31.49 2.12 0.00	31.00 2.06 -0.28	31.09 2.12 -0.10	31.76 2.05 0.00	43.83 2.58 0.00	36.34 1.83 0.00	32.76 1.63 0.00	32.59 1.67 0.00	30.44 1.53 0.00	26.36 1.36 0.00	23.62 1.25 0.00
ASTORIA_GT_11 24225	25.33 1.34 0.00	24.72 1.20 0.00	21.45 1.06 0.00	20.40 1.02 0.00	21.28 0.96 0.00	21.28 1.02 0.00	22.51 1.26 0.00	27.04 1.54 0.00	29.59 1.79 0.00	29.98 1.82 0.00	28.50 1.81 0.00	33.96 1.84 -5.82	31.09 2.14 -0.03	31.49 2.12 0.00	31.00 2.06 -0.28	31.09 2.12 -0.10	31.76 2.05 0.00	43.83 2.58 0.00	36.34 1.83 0.00	32.76 1.63 0.00	32.59 1.67 0.00	30.44 1.53 0.00	26.36 1.36 0.00	23.62 1.25 0.00
ASTORIA_GT_12 24226	25.33 1.34 0.00	24.72 1.20 0.00	21.45 1.05 0.00	20.40 1.02 0.00	21.28 0.96 0.00	21.28 1.02 0.00	22.51 1.25 0.00	27.04 1.54 0.00	29.60 1.79 0.00	29.98 1.82 0.00	28.50 1.81 0.00	33.96 1.84 -5.82	31.09 2.14 -0.03	31.49 2.12 0.00	31.01 2.06 -0.28	31.09 2.11 -0.10	31.76 2.05 0.00	43.83 2.59 0.00	36.34 1.83 0.00	32.76 1.63 0.00	32.58 1.66 0.00	30.44 1.52 0.00	26.36 1.36 0.00	23.62 1.26 0.00
ASTORIA_GT_13 24227	25.33 1.34 0.00	24.72 1.20 0.00	21.45 1.05 0.00	20.40 1.02 0.00	21.28 0.96 0.00	21.28 1.02 0.00	22.51 1.25 0.00	27.04 1.54 0.00	29.60 1.79 0.00	29.98 1.82 0.00	28.50 1.81 0.00	33.96 1.84 -5.82	31.09 2.14 -0.03	31.49 2.12 0.00	31.01 2.06 -0.28	31.09 2.11 -0.10	31.76 2.05 0.00	43.83 2.59 0.00	36.34 1.83 0.00	32.76 1.63 0.00	32.58 1.66 0.00	30.44 1.52 0.00	26.36 1.36 0.00	23.62 1.26 0.00
ASTORIA_GT_5 24106	25.36 1.37 0.00	24.76 1.24 0.00	21.47 1.08 0.00	20.39 1.00 0.00	21.27 0.95 0.00	21.28 1.02 0.00	22.54 1.28 0.00	27.08 1.58 0.00	29.60 1.79 0.00	29.99 1.82 0.00	28.49 1.80 0.00	33.94 1.82 -5.82	31.07 2.11 -0.03	31.46 2.09 0.00	30.98 2.04 -0.28	31.06 2.08 -0.10	31.69 1.98 0.00	43.75 2.50 0.00	36.24 1.73 0.00	32.71 1.58 0.00	32.59 1.67 0.00	30.44 1.52 0.00	26.38 1.38 0.00	23.65 1.28 0.00
ASTORIA_GT_7 24107	25.36 1.37 0.00	24.76 1.24 0.00	21.47 1.08 0.00	20.39 1.00 0.00	21.27 0.95 0.00	21.28 1.02 0.00	22.54 1.28 0.00	27.08 1.58 0.00	29.60 1.79 0.00	29.99 1.82 0.00	28.49 1.80 0.00	33.94 1.82 -5.82	31.07 2.11 -0.03	31.46 2.09 0.00	30.98 2.04 -0.28	31.06 2.08 -0.10	31.69 1.98 0.00	43.75 2.50 0.00	36.24 1.73 0.00	32.71 1.58 0.00	32.59 1.67 0.00	30.44 1.52 0.00	26.38 1.38 0.00	23.65 1.28 0.00
ASTORIA_GT_8 24108	25.35 1.36 0.00	24.77 1.24 0.00	21.47 1.08 0.00	20.39 1.01 0.00	21.27 0.95 0.00	21.28 1.02 0.00	22.54 1.28 0.00	27.08 1.58 0.00	29.60 1.79 0.00	29.98 1.82 0.00	28.49 1.80 0.00	33.94 1.82 -5.82	31.07 2.11 -0.03	31.46 2.09 0.00	30.98 2.04 -0.28	31.07 2.09 -0.10	31.69 1.98 0.00	43.75 2.50 0.00	36.24 1.73 0.00	32.71 1.58 0.00	32.58 1.66 0.00	30.44 1.52 0.00	26.38 1.38 0.00	23.65 1.28 0.00
ASTORIA___2 24149	25.31 1.32 0.00	24.73 1.20 0.00	21.44 1.05 0.00	20.36 0.97 0.00	21.24 0.92 0.00	21.25 0.99 0.00	22.50 1.24 0.00	27.03 1.53 0.00	29.54 1.73 0.00	29.93 1.76 0.00	28.43 1.74 0.00	33.88 1.76 -5.82	31.00 2.05 -0.03	31.38 2.02 0.00	30.92 1.98 -0.28	30.99 2.01 -0.10	31.61 1.90 0.00	43.63 2.39 0.00	36.15 1.64 0.00	32.65 1.52 0.00	32.50 1.58 0.00	30.37 1.46 0.00	26.32 1.33 0.00	23.61 1.24 0.00
ASTORIA___3 23516	25.33 1.34 0.00	24.72 1.20 0.00	21.45 1.05 0.00	20.40 1.02 0.00	21.28 0.96 0.00	21.28 1.02 0.00	22.51 1.25 0.00	27.04 1.54 0.00	29.60 1.79 0.00	29.98 1.82 0.00	28.50 1.81 0.00	33.96 1.84 -5.82	31.09 2.14 -0.03	31.49 2.12 0.00	31.01 2.06 -0.28	31.09 2.11 -0.10	31.76 2.05 0.00	43.83 2.59 0.00	36.34 1.83 0.00	32.76 1.63 0.00	32.58 1.66 0.00	30.44 1.52 0.00	26.36 1.36 0.00	23.62 1.26 0.00
ASTORIA___4 23517	25.33 1.34 0.00	24.72 1.20 0.00	21.45 1.06 0.00	20.40 1.02 0.00	21.28 0.96 0.00	21.28 1.02 0.00	22.51 1.26 0.00	27.04 1.54 0.00	29.59 1.79 0.00	29.98 1.82 0.00	28.50 1.81 0.00	33.96 1.84 -5.82	31.09 2.14 -0.03	31.49 2.12 0.00	31.00 2.06 -0.28	31.09 2.12 -0.10	31.76 2.05 0.00	43.83 2.58 0.00	36.34 1.83 0.00	32.76 1.63 0.00	32.59 1.67 0.00	30.44 1.53 0.00	26.36 1.36 0.00	23.62 1.25 0.00
ASTORIA___5 23518	25.31 1.32 0.00	24.73 1.20 0.00	21.44 1.05 0.00	20.36 0.97 0.00	21.24 0.92 0.00	21.25 0.99 0.00	22.50 1.24 0.00	27.03 1.53 0.00	29.54 1.73 0.00	29.93 1.76 0.00	28.43 1.74 0.00	33.88 1.76 -5.82	31.00 2.05 -0.03	31.38 2.02 0.00	30.92 1.98 -0.28	30.99 2.01 -0.10	31.61 1.90 0.00	43.63 2.39 0.00	36.33 1.81 0.00	32.76 1.63 0.00	32.58 1.66 0.00	30.44 1.52 0.00	26.36 1.36 0.00	23.62 1.26 0.00
AST_ENERGY_2_CC3 323677	25.26 1.28 0.00	24.65 1.12 0.00	21.38 0.99 0.00	20.34 0.95 0.00	21.21 0.89 0.00	21.20 0.94 0.00	22.42 1.16 0.00	26.95 1.45 0.00	29.49 1.68 0.00	29.88 1.71 0.00	28.38 1.69 0.00	33.86 1.75 -5.82	30.98 2.02 -0.03	31.36 2.00 0.00	30.88 1.93 -0.28	30.97 1.99 -0.10	31.66 1.95 0.00	43.68 2.43 0.00	36.21 1.70 0.00	32.62 1.49 0.00	32.45 1.53 0.00	30.32 1.41 0.00	26.26 1.27 0.00	23.56 1.19 0.00
AST_ENERGY_2_CC4 323678	25.26 1.28 0.00	24.65 1.12 0.00	21.38 0.99 0.00	20.34 0.95 0.00	21.21 0.89 0.00	21.20 0.94 0.00	22.42 1.16 0.00	26.95 1.45 0.00	29.49 1.68 0.00	29.88 1.71 0.00	28.38 1.69 0.00	33.86 1.75 -5.82	30.98 2.02 -0.03	31.36 2.00 0.00	30.88 1.93 -0.28	30.97 1.99 -0.10	31.66 1.95 0.00	43.68 2.43 0.00	36.21 1.70 0.00	32.62 1.49 0.00	32.45 1.53 0.00	30.32 1.41 0.00	26.26 1.27 0.00	23.56 1.19 0.00
ATHENS_STG_1 23668	24.80 0.81 0.00	24.27 0.74 0.00	21.08 0.69 0.00	20.03 0.65 0.00	20.93 0.61 0.00	20.85 0.59 0.00	21.97 0.71 0.00	26.34 0.84 0.00	28.79 0.98 0.00	29.12 0.95 0.00	27.60 0.91 0.00	29.19 0.93 -1.96	30.03 1.10 -0.01	30.49 1.12 0.00	29.80 1.04 -0.10	29.95 1.03 -0.03	30.75 1.03 0.00	42.54 1.29 0.00	35.47 0.96 0.00	32.07 0.93 0.00	31.90 0.97 0.00	29.84 0.93 0.00	25.76 0.76 0.00	23.11 0.74 0.00
ATHENS_STG_2 23670	24.80 0.81 0.00	24.27 0.74 0.00	21.08 0.69 0.00	20.03 0.65 0.00	20.93 0.61 0.00	20.85 0.59 0.00	21.97 0.71 0.00	26.34 0.84 0.00	28.79 0.98 0.00	29.12 0.95 0.00	27.60 0.91 0.00	29.19 0.93 -1.96	30.03 1.10 -0.01	30.49 1.12 0.00	29.80 1.04 -0.10	29.95 1.03 -0.03	30.75 1.03 0.00	42.54 1.29 0.00	35.47 0.96 0.00	32.07 0.93 0.00	31.90 0.97 0.00	29.84 0.93 0.00	25.76 0.76 0.00	23.11 0.74 0.00

ATHENS_STG_3 23677	24.80 0.81 0.00	24.27 0.74 0.00	21.08 0.69 0.00	20.03 0.65 0.00	20.93 0.61 0.00	20.85 0.59 0.00	21.97 0.71 0.00	26.34 0.84 0.00	28.79 0.98 0.00	29.12 0.95 0.00	27.60 0.91 0.00	29.19 0.93 -1.96	30.03 1.10 -0.01	30.49 1.12 0.00	29.80 1.04 -0.10	29.95 1.03 -0.03	30.75 1.03 0.00	42.54 1.29 0.00	35.47 0.96 0.00	32.07 0.93 0.00	31.90 0.97 0.00	29.84 0.93 0.00	25.76 0.76 0.00	23.11 0.74 0.00
AUBURN___LFGE 323710	24.49 0.50 0.00	23.98 0.46 0.00	20.84 0.45 0.00	19.76 0.38 0.00	20.74 0.42 0.00	20.72 0.46 0.00	21.85 0.59 0.00	26.16 0.66 0.00	28.39 0.58 0.00	28.83 0.67 0.00	27.48 0.80 0.00	27.08 0.78 0.00	29.57 0.64 0.00	30.00 0.64 0.00	29.46 0.80 0.00	29.74 0.86 0.00	30.62 0.91 0.00	42.54 1.29 0.00	35.71 1.20 0.00	32.07 0.94 0.00	31.78 0.86 0.00	29.75 0.84 0.00	25.69 0.70 0.00	22.97 0.59 0.00
BABYLON_RES_REC 323704	25.61 1.62 0.00	24.99 1.46 0.00	21.64 1.25 0.00	20.51 1.13 0.00	21.38 1.06 0.00	21.36 1.11 0.00	22.61 1.35 0.00	27.23 1.73 0.00	29.87 2.06 0.00	30.24 2.07 0.00	28.91 2.22 0.00	34.29 2.17 -5.82	31.35 2.40 -0.03	31.75 2.39 0.00	31.39 2.45 -0.29	41.22 2.60 -9.74	32.30 2.59 0.00	44.39 3.14 0.00	36.89 2.38 0.00	33.27 2.13 0.00	33.09 2.17 0.00	31.01 2.10 0.00	26.79 1.80 0.00	23.98 1.61 0.00
BABYLON__69_KV_BK2 356345	25.81 1.82 0.00	25.18 1.65 0.00	21.81 1.42 0.00	20.67 1.29 0.00	21.54 1.22 0.00	21.52 1.26 0.00	22.78 1.52 0.00	27.44 1.93 0.00	30.11 2.30 0.00	30.49 2.32 0.00	29.16 2.47 0.00	34.55 2.43 -5.82	31.66 2.71 -0.03	32.09 2.73 0.00	31.70 2.75 -0.29	41.57 2.96 -9.74	32.61 2.90 0.00	44.81 3.57 0.00	37.24 2.73 0.00	33.59 2.45 0.00	33.40 2.48 0.00	31.34 2.43 0.00	27.06 2.06 0.00	24.20 1.83 0.00
BARON_WINDS___WT_PWR 323822	24.32 0.32 0.00	23.73 0.21 0.00	20.51 0.12 0.00	19.37 -0.02 0.00	20.43 0.11 0.00	20.43 0.17 0.00	21.69 0.44 0.00	26.06 0.55 0.00	28.50 0.69 0.00	29.10 0.93 0.00	28.00 1.31 0.00	27.43 1.13 0.00	29.94 1.02 0.00	30.27 0.90 0.00	29.61 0.95 0.00	29.76 0.88 0.00	30.70 0.99 0.00	42.51 1.26 0.00	35.59 1.08 0.00	31.82 0.69 0.00	31.47 0.55 0.00	29.42 0.51 0.00	25.68 0.68 0.00	22.98 0.60 0.00
BARRETT_IC_1 23704	25.32 1.33 0.00	24.71 1.18 0.00	21.39 0.99 0.00	20.29 0.91 0.00	21.15 0.83 0.00	21.14 0.88 0.00	22.33 1.07 0.00	26.87 1.37 0.00	29.45 1.64 0.00	29.82 1.66 0.00	28.59 1.90 0.00	33.99 1.87 -5.82	31.03 2.08 -0.03	31.43 2.07 0.00	30.99 2.04 -0.29	40.79 2.17 -9.74	31.82 2.11 0.00	43.68 2.43 0.00	36.27 1.76 0.00	32.73 1.60 0.00	32.54 1.63 0.00	30.56 1.65 0.00	26.42 1.43 0.00	23.66 1.28 0.00
BARRETT_IC_10 23701	25.32 1.33 0.00	24.71 1.18 0.00	21.39 0.99 0.00	20.29 0.91 0.00	21.15 0.83 0.00	21.14 0.88 0.00	22.33 1.07 0.00	26.87 1.37 0.00	29.45 1.64 0.00	29.82 1.66 0.00	28.59 1.90 0.00	33.99 1.87 -5.82	31.03 2.08 -0.03	31.43 2.07 0.00	30.99 2.04 -0.29	40.79 2.17 -9.74	31.82 2.11 0.00	43.68 2.43 0.00	36.27 1.76 0.00	32.73 1.60 0.00	32.54 1.63 0.00	30.56 1.65 0.00	26.42 1.43 0.00	23.66 1.28 0.00
BARRETT_IC_11 23702	25.32 1.33 0.00	24.71 1.18 0.00	21.39 0.99 0.00	20.29 0.91 0.00	21.15 0.83 0.00	21.14 0.88 0.00	22.33 1.07 0.00	26.87 1.37 0.00	29.45 1.64 0.00	29.82 1.66 0.00	28.59 1.90 0.00	33.99 1.87 -5.82	31.03 2.08 -0.03	31.43 2.07 0.00	30.99 2.04 -0.29	40.79 2.17 -9.74	31.82 2.11 0.00	43.68 2.43 0.00	36.27 1.76 0.00	32.73 1.60 0.00	32.54 1.63 0.00	30.56 1.65 0.00	26.42 1.43 0.00	23.66 1.28 0.00
BARRETT_IC_12 23703	25.32 1.33 0.00	24.71 1.18 0.00	21.39 0.99 0.00	20.29 0.91 0.00	21.15 0.83 0.00	21.14 0.88 0.00	22.33 1.07 0.00	26.87 1.37 0.00	29.45 1.64 0.00	29.82 1.66 0.00	28.59 1.90 0.00	33.99 1.87 -5.82	31.03 2.08 -0.03	31.43 2.07 0.00	30.99 2.04 -0.29	40.79 2.17 -9.74	31.82 2.11 0.00	43.68 2.43 0.00	36.27 1.76 0.00	32.73 1.60 0.00	32.54 1.63 0.00	30.56 1.65 0.00	26.42 1.43 0.00	23.66 1.28 0.00
BARRETT_IC_2 23705	25.32 1.33 0.00	24.71 1.18 0.00	21.39 0.99 0.00	20.29 0.91 0.00	21.15 0.83 0.00	21.14 0.88 0.00	22.33 1.07 0.00	26.87 1.37 0.00	29.45 1.64 0.00	29.82 1.66 0.00	28.59 1.90 0.00	33.99 1.87 -5.82	31.03 2.08 -0.03	31.43 2.07 0.00	30.99 2.04 -0.29	40.79 2.17 -9.74	31.82 2.11 0.00	43.68 2.43 0.00	36.27 1.76 0.00	32.73 1.60 0.00	32.54 1.63 0.00	30.56 1.65 0.00	26.42 1.43 0.00	23.66 1.28 0.00
BARRETT_IC_3 23706	25.32 1.33 0.00	24.71 1.18 0.00	21.39 0.99 0.00	20.29 0.91 0.00	21.15 0.83 0.00	21.14 0.88 0.00	22.33 1.07 0.00	26.87 1.37 0.00	29.45 1.64 0.00	29.82 1.66 0.00	28.59 1.90 0.00	33.99 1.87 -5.82	31.03 2.08 -0.03	31.43 2.07 0.00	30.99 2.04 -0.29	40.79 2.17 -9.74	31.82 2.11 0.00	43.68 2.43 0.00	36.27 1.76 0.00	32.73 1.60 0.00	32.54 1.63 0.00	30.56 1.65 0.00	26.42 1.43 0.00	23.66 1.28 0.00
BARRETT_IC_4 23707	25.32 1.33 0.00	24.71 1.18 0.00	21.39 0.99 0.00	20.29 0.91 0.00	21.15 0.83 0.00	21.14 0.88 0.00	22.33 1.07 0.00	26.87 1.37 0.00	29.45 1.64 0.00	29.82 1.66 0.00	28.59 1.90 0.00	33.99 1.87 -5.82	31.03 2.08 -0.03	31.43 2.07 0.00	30.99 2.04 -0.29	40.79 2.17 -9.74	31.82 2.11 0.00	43.68 2.43 0.00	36.27 1.76 0.00	32.73 1.60 0.00	32.54 1.63 0.00	30.56 1.65 0.00	26.42 1.43 0.00	23.66 1.28 0.00
BARRETT_IC_5 23708	25.32 1.33 0.00	24.71 1.18 0.00	21.39 0.99 0.00	20.29 0.91 0.00	21.15 0.83 0.00	21.14 0.88 0.00	22.33 1.07 0.00	26.87 1.37 0.00	29.45 1.64 0.00	29.82 1.66 0.00	28.59 1.90 0.00	33.99 1.87 -5.82	31.03 2.08 -0.03	31.43 2.07 0.00	30.99 2.04 -0.29	40.79 2.17 -9.74	31.82 2.11 0.00	43.68 2.43 0.00	36.27 1.76 0.00	32.73 1.60 0.00	32.54 1.63 0.00	30.56 1.65 0.00	26.42 1.43 0.00	23.66 1.28 0.00
BARRETT_IC_6 23709	25.32 1.33 0.00	24.71 1.18 0.00	21.39 0.99 0.00	20.29 0.91 0.00	21.15 0.83 0.00	21.14 0.88 0.00	22.33 1.07 0.00	26.87 1.37 0.00	29.45 1.64 0.00	29.82 1.66 0.00	28.59 1.90 0.00	33.99 1.87 -5.82	31.03 2.08 -0.03	31.43 2.07 0.00	30.99 2.04 -0.29	40.79 2.17 -9.74	31.82 2.11 0.00	43.68 2.43 0.00	36.27 1.76 0.00	32.73 1.60 0.00	32.54 1.63 0.00	30.56 1.65 0.00	26.42 1.43 0.00	23.66 1.28 0.00
BARRETT_IC_7 23710	25.32 1.33 0.00	24.71 1.18 0.00	21.39 0.99 0.00	20.29 0.91 0.00	21.15 0.84 0.00	21.14 0.88 0.00	22.34 1.08 0.00	26.87 1.37 0.00	29.45 1.64 0.00	29.83 1.66 0.00	28.59 1.90 0.00	33.99 1.87 -5.82	31.03 2.08 -0.03	31.43 2.07 0.00	30.99 2.05 -0.29	40.78 2.17 -9.74	31.82 2.11 0.00	43.68 2.43 0.00	36.27 1.76 0.00	32.73 1.60 0.00	32.55 1.63 0.00	30.56 1.65 0.00	26.42 1.43 0.00	23.65 1.28 0.00

BARRETT_IC_8 23711	25.32 1.33 0.00	24.71 1.18 0.00	21.39 0.99 0.00	20.29 0.91 0.00	21.15 0.83 0.00	21.14 0.88 0.00	22.33 1.07 0.00	26.87 1.37 0.00	29.45 1.64 0.00	29.82 1.66 0.00	28.59 1.90 0.00	33.99 1.87 -5.82	31.03 2.08 -0.03	31.43 2.07 0.00	30.99 2.04 -0.29	40.79 2.17 -9.74	31.82 2.11 0.00	43.68 2.43 0.00	36.27 1.76 0.00	32.73 1.60 0.00	32.54 1.63 0.00	30.56 1.65 0.00	26.42 1.43 0.00	23.66 1.28 0.00
BARRETT_IC_9 23700	25.32 1.33 0.00	24.71 1.18 0.00	21.39 0.99 0.00	20.29 0.91 0.00	21.15 0.83 0.00	21.14 0.88 0.00	22.33 1.07 0.00	26.87 1.37 0.00	29.45 1.64 0.00	29.82 1.66 0.00	28.59 1.90 0.00	33.99 1.87 -5.82	31.03 2.08 -0.03	31.43 2.07 0.00	30.99 2.04 -0.29	40.79 2.17 -9.74	31.82 2.11 0.00	43.68 2.43 0.00	36.27 1.76 0.00	32.73 1.60 0.00	32.54 1.63 0.00	30.56 1.65 0.00	26.42 1.43 0.00	23.66 1.28 0.00
BARRETT___1 23545	25.32 1.33 0.00	24.71 1.18 0.00	21.39 0.99 0.00	20.29 0.91 0.00	21.15 0.83 0.00	21.14 0.88 0.00	22.33 1.07 0.00	26.87 1.37 0.00	29.45 1.64 0.00	29.82 1.66 0.00	28.59 1.90 0.00	33.99 1.87 -5.82	31.03 2.08 -0.03	31.43 2.07 0.00	30.99 2.04 -0.29	40.79 2.17 -9.74	31.82 2.11 0.00	43.68 2.43 0.00	36.27 1.76 0.00	32.73 1.60 0.00	32.54 1.63 0.00	30.56 1.65 0.00	26.42 1.43 0.00	23.66 1.28 0.00
BARRETT___2 23546	25.32 1.33 0.00	24.71 1.18 0.00	21.39 0.99 0.00	20.29 0.91 0.00	21.15 0.83 0.00	21.14 0.88 0.00	22.33 1.07 0.00	26.87 1.37 0.00	29.45 1.64 0.00	29.82 1.66 0.00	28.59 1.90 0.00	33.99 1.87 -5.82	31.03 2.08 -0.03	31.43 2.07 0.00	30.99 2.04 -0.29	40.79 2.17 -9.74	31.82 2.11 0.00	43.68 2.43 0.00	36.27 1.76 0.00	32.73 1.60 0.00	32.54 1.63 0.00	30.56 1.65 0.00	26.42 1.43 0.00	23.66 1.28 0.00
BATAVIA___115KV_TB1 55881	24.98 0.99 0.00	24.16 0.64 0.00	20.77 0.38 0.00	19.55 0.17 0.00	20.72 0.40 0.00	20.77 0.52 0.00	21.93 0.67 0.00	26.19 0.69 0.00	28.41 0.60 0.00	29.04 0.87 0.00	27.93 1.25 0.00	27.39 1.09 0.00	29.95 1.02 0.00	30.45 1.08 0.00	29.78 1.12 0.00	29.98 1.10 0.00	30.85 1.14 0.00	42.95 1.70 0.00	36.24 1.73 0.00	32.49 1.36 0.00	32.11 1.19 0.00	30.06 1.15 0.00	26.18 1.19 0.00	23.49 1.12 0.00
BAYONEEC___CTG1 323682	25.29 1.30 0.00	24.69 1.16 0.00	21.40 1.01 0.00	20.35 0.97 0.00	21.23 0.91 0.00	21.22 0.96 0.00	22.43 1.17 0.00	26.97 1.47 0.00	29.51 1.70 0.00	29.90 1.73 0.00	28.41 1.73 0.00	33.89 1.78 -5.82	31.02 2.06 -0.03	31.40 2.03 0.00	30.90 1.96 -0.28	31.00 2.02 -0.10	31.68 1.97 0.00	43.71 2.46 0.00	36.23 1.73 0.00	32.64 1.51 0.00	32.48 1.56 0.00	30.33 1.42 0.00	26.29 1.30 0.00	23.58 1.21 0.00
BAYONEEC___CTG10 323750	25.29 1.30 0.00	24.69 1.16 0.00	21.40 1.01 0.00	20.35 0.97 0.00	21.23 0.91 0.00	21.22 0.96 0.00	22.43 1.17 0.00	26.97 1.47 0.00	29.51 1.70 0.00	29.90 1.73 0.00	28.41 1.73 0.00	33.89 1.78 -5.82	31.02 2.06 -0.03	31.40 2.03 0.00	30.90 1.96 -0.28	31.00 2.02 -0.10	31.68 1.97 0.00	43.71 2.46 0.00	36.23 1.73 0.00	32.64 1.51 0.00	32.48 1.56 0.00	30.33 1.42 0.00	26.29 1.30 0.00	23.58 1.21 0.00
BAYONEEC___CTG2 323683	25.29 1.30 0.00	24.69 1.16 0.00	21.40 1.01 0.00	20.35 0.97 0.00	21.23 0.91 0.00	21.22 0.96 0.00	22.43 1.17 0.00	26.97 1.47 0.00	29.51 1.70 0.00	29.90 1.73 0.00	28.41 1.73 0.00	33.89 1.78 -5.82	31.02 2.06 -0.03	31.40 2.03 0.00	30.90 1.96 -0.28	31.00 2.02 -0.10	31.68 1.97 0.00	43.71 2.46 0.00	36.23 1.73 0.00	32.64 1.51 0.00	32.48 1.56 0.00	30.33 1.42 0.00	26.29 1.30 0.00	23.58 1.21 0.00
BAYONEEC___CTG3 323684	25.29 1.30 0.00	24.69 1.16 0.00	21.40 1.01 0.00	20.35 0.97 0.00	21.23 0.91 0.00	21.22 0.96 0.00	22.43 1.17 0.00	26.97 1.47 0.00	29.51 1.70 0.00	29.90 1.73 0.00	28.41 1.73 0.00	33.89 1.78 -5.82	31.02 2.06 -0.03	31.40 2.03 0.00	30.90 1.96 -0.28	31.00 2.02 -0.10	31.68 1.97 0.00	43.71 2.46 0.00	36.23 1.73 0.00	32.64 1.51 0.00	32.48 1.56 0.00	30.33 1.42 0.00	26.29 1.30 0.00	23.58 1.21 0.00
BAYONEEC___CTG4 323685	25.29 1.30 0.00	24.69 1.16 0.00	21.40 1.01 0.00	20.35 0.97 0.00	21.23 0.91 0.00	21.22 0.96 0.00	22.43 1.17 0.00	26.97 1.47 0.00	29.51 1.70 0.00	29.90 1.73 0.00	28.41 1.73 0.00	33.89 1.78 -5.82	31.02 2.06 -0.03	31.40 2.03 0.00	30.90 1.96 -0.28	31.00 2.02 -0.10	31.68 1.97 0.00	43.71 2.46 0.00	36.23 1.73 0.00	32.64 1.51 0.00	32.48 1.56 0.00	30.33 1.42 0.00	26.29 1.30 0.00	23.58 1.21 0.00
BAYONEEC___CTG5 323686	25.29 1.30 0.00	24.69 1.16 0.00	21.40 1.01 0.00	20.35 0.97 0.00	21.23 0.91 0.00	21.22 0.96 0.00	22.43 1.17 0.00	26.97 1.47 0.00	29.51 1.70 0.00	29.90 1.73 0.00	28.41 1.73 0.00	33.89 1.78 -5.82	31.02 2.06 -0.03	31.40 2.03 0.00	30.90 1.96 -0.28	31.00 2.02 -0.10	31.68 1.97 0.00	43.71 2.46 0.00	36.23 1.73 0.00	32.64 1.51 0.00	32.48 1.56 0.00	30.33 1.42 0.00	26.29 1.30 0.00	23.58 1.21 0.00
BAYONEEC___CTG6 323687	25.29 1.30 0.00	24.69 1.16 0.00	21.40 1.01 0.00	20.35 0.97 0.00	21.23 0.91 0.00	21.22 0.96 0.00	22.43 1.17 0.00	26.97 1.47 0.00	29.51 1.70 0.00	29.90 1.73 0.00	28.41 1.73 0.00	33.89 1.78 -5.82	31.02 2.06 -0.03	31.40 2.03 0.00	30.90 1.96 -0.28	31.00 2.02 -0.10	31.68 1.97 0.00	43.71 2.46 0.00	36.23 1.73 0.00	32.64 1.51 0.00	32.48 1.56 0.00	30.33 1.42 0.00	26.29 1.30 0.00	23.58 1.21 0.00
BAYONEEC___CTG7 323688	25.29 1.30 0.00	24.69 1.16 0.00	21.40 1.01 0.00	20.35 0.97 0.00	21.23 0.91 0.00	21.22 0.96 0.00	22.43 1.17 0.00	26.97 1.47 0.00	29.51 1.70 0.00	29.90 1.73 0.00	28.41 1.73 0.00	33.89 1.78 -5.82	31.02 2.06 -0.03	31.40 2.03 0.00	30.90 1.96 -0.28	31.00 2.02 -0.10	31.68 1.97 0.00	43.71 2.46 0.00	36.23 1.73 0.00	32.64 1.51 0.00	32.48 1.56 0.00	30.33 1.42 0.00	26.29 1.30 0.00	23.58 1.21 0.00
BAYONEEC___CTG8 323689	25.29 1.30 0.00	24.69 1.16 0.00	21.40 1.01 0.00	20.35 0.97 0.00	21.23 0.91 0.00	21.22 0.96 0.00	22.43 1.17 0.00	26.97 1.47 0.00	29.51 1.70 0.00	29.90 1.73 0.00	28.41 1.73 0.00	33.89 1.78 -5.82	31.02 2.06 -0.03	31.40 2.03 0.00	30.90 1.96 -0.28	31.00 2.02 -0.10	31.68 1.97 0.00	43.71 2.46 0.00	36.23 1.73 0.00	32.64 1.51 0.00	32.48 1.56 0.00	30.33 1.42 0.00	26.29 1.30 0.00	23.58 1.21 0.00
BAYONEEC___CTG9 323749	25.29 1.30 0.00	24.69 1.16 0.00	21.40 1.01 0.00	20.35 0.97 0.00	21.23 0.91 0.00	21.22 0.96 0.00	22.43 1.17 0.00	26.97 1.47 0.00	29.51 1.70 0.00	29.90 1.73 0.00	28.41 1.73 0.00	33.89 1.78 -5.82	31.02 2.06 -0.03	31.40 2.03 0.00	30.90 1.96 -0.28	31.00 2.02 -0.10	31.68 1.97 0.00	43.71 2.46 0.00	36.23 1.73 0.00	32.64 1.51 0.00	32.48 1.56 0.00	30.33 1.42 0.00	26.29 1.30 0.00	23.58 1.21 0.00

BEACON___LESR 323632	24.67 0.68 0.00	24.13 0.60 0.00	20.89 0.50 0.00	19.86 0.48 0.00	20.74 0.42 0.00	20.69 0.43 0.00	21.88 0.62 0.00	26.23 0.72 0.00	28.65 0.84 0.00	28.87 0.70 0.00	27.31 0.62 0.00	21.63 0.66 5.33	29.76 0.86 0.03	30.28 0.91 0.00	29.18 0.78 0.26	29.55 0.76 0.09	30.56 0.84 0.00	42.29 1.04 0.00	35.35 0.84 0.00	31.98 0.85 0.00	31.81 0.88 0.00	29.72 0.81 0.00	25.58 0.58 0.00	22.93 0.56 0.00
BEAVER RIVER___HYD 24048	24.51 0.52 0.00	23.99 0.46 0.00	20.74 0.35 0.00	19.73 0.35 0.00	20.73 0.41 0.00	20.69 0.43 0.00	21.68 0.42 0.00	25.82 0.32 0.00	27.90 0.09 0.00	28.05 -0.12 0.00	26.49 -0.20 0.00	26.05 -0.25 0.00	28.64 -0.28 0.00	29.11 -0.26 0.00	28.40 -0.26 0.00	28.68 -0.20 0.00	29.55 -0.17 0.00	41.30 0.05 0.00	34.80 0.28 0.00	31.58 0.45 0.00	31.60 0.67 0.00	29.55 0.63 0.00	25.53 0.54 0.00	22.90 0.52 0.00
BEEBEE_GT_13 23619	24.49 0.50 0.00	23.78 0.26 0.00	20.50 0.11 0.00	19.34 -0.04 0.00	20.44 0.12 0.00	20.45 0.19 0.00	21.54 0.28 0.00	25.77 0.26 0.00	28.04 0.22 0.00	28.62 0.45 0.00	27.43 0.75 0.00	26.96 0.66 0.00	29.49 0.56 0.00	29.92 0.55 0.00	29.28 0.62 0.00	29.50 0.63 0.00	30.41 0.69 0.00	42.30 1.04 0.00	35.56 1.05 0.00	31.89 0.75 0.00	31.54 0.62 0.00	29.49 0.58 0.00	25.61 0.62 0.00	22.94 0.57 0.00
BENSHRST_27_KV_BENSHRST_1 355998	25.56 1.57 0.00	24.94 1.42 0.00	21.63 1.24 0.00	20.54 1.16 0.00	21.44 1.12 0.00	21.44 1.18 0.00	22.70 1.44 0.00	27.29 1.78 0.00	29.85 2.05 0.00	30.26 2.10 0.00	28.78 2.09 0.00	34.24 2.12 -5.82	31.39 2.44 -0.03	31.76 2.39 0.00	31.27 2.32 -0.28	31.38 2.40 -0.10	32.06 2.35 0.00	44.24 2.99 0.00	36.67 2.16 0.00	33.07 1.94 0.00	32.88 1.96 0.00	30.73 1.82 0.00	26.62 1.63 0.00	23.85 1.48 0.00
BETHLEHEM___GRP 23843	24.27 0.28 0.00	23.80 0.27 0.00	20.66 0.27 0.00	19.65 0.27 0.00	20.52 0.21 0.00	20.43 0.17 0.00	21.54 0.28 0.00	25.77 0.27 0.00	28.20 0.39 0.00	28.47 0.30 0.00	26.91 0.22 0.00	21.51 0.26 5.05	29.26 0.36 0.03	29.78 0.41 0.00	28.71 0.30 0.25	29.06 0.26 0.09	30.00 0.28 0.00	41.51 0.26 0.00	34.73 0.22 0.00	31.44 0.30 0.00	31.28 0.36 0.00	29.26 0.35 0.00	25.19 0.20 0.00	22.61 0.24 0.00
BETHLEHEM___GS1 323560	24.28 0.29 0.00	23.79 0.27 0.00	20.66 0.27 0.00	19.65 0.27 0.00	20.52 0.20 0.00	20.43 0.17 0.00	21.54 0.28 0.00	25.77 0.27 0.00	28.20 0.39 0.00	28.47 0.30 0.00	26.91 0.22 0.00	21.50 0.25 5.05	29.26 0.36 0.03	29.77 0.41 0.00	28.70 0.29 0.25	29.05 0.26 0.09	30.00 0.28 0.00	41.51 0.26 0.00	34.73 0.22 0.00	31.44 0.30 0.00	31.28 0.36 0.00	29.26 0.35 0.00	25.19 0.20 0.00	22.61 0.24 0.00
BETHLEHEM___GS2 323561	24.28 0.29 0.00	23.79 0.27 0.00	20.66 0.27 0.00	19.65 0.27 0.00	20.52 0.20 0.00	20.43 0.17 0.00	21.54 0.28 0.00	25.77 0.27 0.00	28.20 0.39 0.00	28.47 0.30 0.00	26.91 0.22 0.00	21.50 0.25 5.05	29.26 0.36 0.03	29.77 0.41 0.00	28.70 0.29 0.25	29.05 0.26 0.09	30.00 0.28 0.00	41.51 0.26 0.00	34.73 0.22 0.00	31.44 0.30 0.00	31.28 0.36 0.00	29.26 0.35 0.00	25.19 0.20 0.00	22.61 0.24 0.00
BETHLEHEM___GS3 323562	24.28 0.29 0.00	23.79 0.27 0.00	20.66 0.27 0.00	19.65 0.27 0.00	20.52 0.20 0.00	20.43 0.17 0.00	21.54 0.28 0.00	25.77 0.27 0.00	28.20 0.39 0.00	28.47 0.30 0.00	26.91 0.22 0.00	21.50 0.25 5.05	29.26 0.36 0.03	29.77 0.41 0.00	28.70 0.29 0.25	29.05 0.26 0.09	30.00 0.28 0.00	41.51 0.26 0.00	34.73 0.22 0.00	31.44 0.30 0.00	31.28 0.36 0.00	29.26 0.35 0.00	25.19 0.20 0.00	22.61 0.24 0.00
BETHLEHEM___STEEL 23779	24.62 0.63 0.00	23.84 0.32 0.00	20.52 0.13 0.00	19.31 -0.08 0.00	20.47 0.15 0.00	20.50 0.24 0.00	21.64 0.38 0.00	25.89 0.39 0.00	28.14 0.33 0.00	28.84 0.67 0.00	27.80 1.11 0.00	27.26 0.96 0.00	29.74 0.82 0.00	30.15 0.78 0.00	29.50 0.85 0.00	29.70 0.82 0.00	30.60 0.89 0.00	42.48 1.23 0.00	35.76 1.25 0.00	31.93 0.80 0.00	31.53 0.61 0.00	29.52 0.61 0.00	25.81 0.82 0.00	23.17 0.80 0.00
BETHLHEM_115KV_TB1 79974	24.35 0.36 0.00	23.87 0.34 0.00	20.72 0.33 0.00	19.71 0.33 0.00	20.59 0.27 0.00	20.50 0.24 0.00	21.60 0.34 0.00	25.85 0.35 0.00	28.28 0.47 0.00	28.56 0.39 0.00	27.00 0.31 0.00	21.84 0.34 4.81	29.35 0.45 0.03	29.86 0.50 0.00	28.79 0.37 0.24	29.15 0.35 0.08	30.09 0.37 0.00	41.65 0.40 0.00	34.84 0.33 0.00	31.53 0.40 0.00	31.37 0.45 0.00	29.35 0.44 0.00	25.28 0.28 0.00	22.68 0.31 0.00
BETHPAGE_CC_5 323564	25.57 1.58 0.00	24.95 1.42 0.00	21.60 1.21 0.00	20.49 1.11 0.00	21.36 1.04 0.00	21.34 1.09 0.00	22.58 1.32 0.00	27.20 1.70 0.00	29.81 2.00 0.00	30.17 2.01 0.00	28.85 2.16 0.00	34.26 2.14 -5.82	31.36 2.40 -0.03	31.72 2.36 0.00	31.33 2.38 -0.29	41.15 2.53 -9.74	32.19 2.48 0.00	44.23 2.98 0.00	36.72 2.21 0.00	33.14 2.01 0.00	32.96 2.04 0.00	30.88 1.97 0.00	26.70 1.71 0.00	23.92 1.55 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	24.68 0.68 0.00	23.90 0.37 0.00	20.57 0.17 0.00	19.35 -0.03 0.00	20.51 0.19 0.00	20.54 0.28 0.00	21.69 0.43 0.00	25.96 0.45 0.00	28.22 0.41 0.00	28.93 0.76 0.00	27.89 1.20 0.00	27.35 1.04 0.00	29.84 0.92 0.00	30.25 0.89 0.00	29.61 0.95 0.00	29.81 0.93 0.00	30.72 1.01 0.00	42.65 1.40 0.00	35.89 1.38 0.00	32.04 0.91 0.00	31.64 0.71 0.00	29.61 0.71 0.00	25.88 0.89 0.00	23.23 0.85 0.00
BINGHAMTON___COGEN 23790	24.45 0.46 0.00	23.87 0.34 0.00	20.67 0.27 0.00	19.60 0.21 0.00	20.59 0.27 0.00	20.54 0.28 0.00	21.70 0.44 0.00	26.01 0.51 0.00	28.37 0.56 0.00	28.84 0.68 0.00	27.55 0.86 0.00	27.06 0.76 0.00	29.71 0.78 0.00	30.10 0.73 0.00	29.43 0.77 0.00	29.67 0.79 0.00	30.55 0.84 0.00	42.34 1.09 0.00	35.36 0.85 0.00	31.79 0.66 0.00	31.52 0.60 0.00	29.46 0.55 0.00	25.57 0.58 0.00	22.85 0.48 0.00
BIXINCNT_115KV_LOAD 355685	24.70 0.71 0.00	23.99 0.46 0.00	20.68 0.29 0.00	19.47 0.09 0.00	20.66 0.34 0.00	20.69 0.43 0.00	21.89 0.63 0.00	26.25 0.74 0.00	28.63 0.82 0.00	29.33 1.17 0.00	28.26 1.57 0.00	27.68 1.37 0.00	30.16 1.23 0.00	30.49 1.13 0.00	29.80 1.14 0.00	29.99 1.11 0.00	30.89 1.17 0.00	42.78 1.53 0.00	35.91 1.40 0.00	32.03 0.90 0.00	31.63 0.70 0.00	29.58 0.67 0.00	25.92 0.93 0.00	23.29 0.91 0.00
BLACK RIVER___HYD 24047	24.68 0.69 0.00	24.14 0.61 0.00	20.84 0.45 0.00	19.81 0.43 0.00	20.83 0.51 0.00	20.80 0.54 0.00	21.80 0.54 0.00	25.92 0.42 0.00	27.97 0.16 0.00	28.08 -0.08 0.00	26.51 -0.17 0.00	26.04 -0.26 0.00	28.61 -0.31 0.00	29.08 -0.29 0.00	28.36 -0.30 0.00	28.66 -0.22 0.00	29.55 -0.16 0.00	41.41 0.16 0.00	34.96 0.45 0.00	31.78 0.65 0.00	31.96 1.04 0.00	29.90 0.99 0.00	25.78 0.79 0.00	23.13 0.75 0.00

BLACKRVR_115KV_TB2 79977	24.70 0.70 0.00	24.15 0.62 0.00	20.84 0.45 0.00	19.82 0.44 0.00	20.82 0.51 0.00	20.80 0.54 0.00	21.80 0.54 0.00	25.92 0.42 0.00	27.97 0.16 0.00	28.08 -0.08 0.00	26.51 -0.17 0.00	26.04 -0.27 0.00	28.61 -0.31 0.00	29.08 -0.29 0.00	28.36 -0.29 0.00	28.66 -0.22 0.00	29.55 -0.16 0.00	41.41 0.16 0.00	34.96 0.45 0.00	31.78 0.65 0.00	31.96 1.04 0.00	29.90 0.99 0.00	25.78 0.79 0.00	23.13 0.75 0.00
BLISS_WT_PWR 323608	24.65 0.66 0.00	23.95 0.42 0.00	20.68 0.29 0.00	19.46 0.08 0.00	20.67 0.35 0.00	20.70 0.44 0.00	21.90 0.64 0.00	26.27 0.77 0.00	28.67 0.86 0.00	29.37 1.21 0.00	28.30 1.61 0.00	27.73 1.43 0.00	30.16 1.24 0.00	30.47 1.10 0.00	29.81 1.15 0.00	29.98 1.10 0.00	30.89 1.18 0.00	42.78 1.53 0.00	35.91 1.40 0.00	32.01 0.88 0.00	31.59 0.67 0.00	29.55 0.64 0.00	25.90 0.90 0.00	23.28 0.90 0.00
BLUE_CIRC_CHEM_DRP 24182	24.68 0.69 0.00	24.19 0.67 0.00	21.01 0.62 0.00	19.97 0.59 0.00	20.88 0.56 0.00	20.78 0.52 0.00	21.88 0.62 0.00	26.17 0.66 0.00	28.62 0.81 0.00	28.90 0.73 0.00	27.31 0.62 0.00	23.46 0.63 3.47	29.65 0.74 0.02	30.16 0.79 0.00	29.17 0.68 0.17	29.47 0.64 0.06	30.40 0.69 0.00	42.10 0.85 0.00	35.26 0.75 0.00	31.93 0.80 0.00	31.79 0.87 0.00	29.74 0.83 0.00	25.62 0.62 0.00	22.98 0.61 0.00
BOC_GAS_DRP 24189	24.54 0.54 0.00	24.05 0.52 0.00	20.88 0.49 0.00	19.86 0.47 0.00	20.75 0.43 0.00	20.65 0.39 0.00	21.74 0.48 0.00	26.03 0.53 0.00	28.46 0.65 0.00	28.76 0.60 0.00	27.22 0.53 0.00	23.41 0.55 3.44	29.58 0.67 0.02	30.08 0.71 0.00	29.11 0.61 0.17	29.41 0.59 0.06	30.31 0.60 0.00	41.96 0.71 0.00	35.06 0.55 0.00	31.73 0.59 0.00	31.57 0.66 0.00	29.53 0.62 0.00	25.47 0.48 0.00	22.85 0.48 0.00
BOONVLE_115KV_TB1 79983	24.55 0.56 0.00	24.03 0.50 0.00	20.78 0.38 0.00	19.74 0.36 0.00	20.71 0.39 0.00	20.68 0.42 0.00	21.73 0.46 0.00	25.98 0.47 0.00	28.24 0.43 0.00	28.54 0.37 0.00	27.06 0.37 0.00	26.66 0.36 0.00	29.42 0.50 0.00	29.91 0.54 0.00	29.11 0.46 0.00	29.40 0.53 0.00	30.30 0.59 0.00	42.22 0.97 0.00	35.42 0.91 0.00	32.03 0.90 0.00	31.87 0.95 0.00	29.76 0.85 0.00	25.67 0.68 0.00	22.93 0.56 0.00
BORALEX_4TH_BRANCH 23824	25.09 1.10 0.00	24.69 1.16 0.00	21.42 1.03 0.00	20.39 1.01 0.00	21.27 0.95 0.00	21.04 0.78 0.00	22.10 0.84 0.00	26.44 0.93 0.00	28.88 1.07 0.00	29.02 0.86 0.00	27.31 0.62 0.00	13.96 0.63 12.98	29.66 0.81 0.07	30.29 0.93 0.00	28.72 0.70 0.64	29.03 0.37 0.22	30.22 0.51 0.00	41.95 0.70 0.00	35.06 0.55 0.00	32.07 0.94 0.00	32.03 1.11 0.00	29.99 1.08 0.00	25.77 0.78 0.00	23.24 0.86 0.00
BOWLINE___1 23526	25.04 1.05 0.00	24.45 0.93 0.00	21.20 0.80 0.00	20.15 0.76 0.00	21.03 0.71 0.00	21.02 0.76 0.00	22.21 0.95 0.00	26.68 1.17 0.00	29.17 1.36 0.00	29.55 1.38 0.00	28.09 1.40 0.00	33.18 1.44 -5.44	30.65 1.70 -0.03	31.05 1.68 0.00	30.56 1.64 -0.27	30.65 1.68 -0.09	31.39 1.68 0.00	43.38 2.13 0.00	36.03 1.52 0.00	32.46 1.33 0.00	32.25 1.33 0.00	30.11 1.20 0.00	26.06 1.06 0.00	23.39 1.02 0.00
BOWLINE___2 23595	25.04 1.05 0.00	24.46 0.93 0.00	21.20 0.80 0.00	20.15 0.76 0.00	21.03 0.71 0.00	21.02 0.76 0.00	22.21 0.95 0.00	26.68 1.17 0.00	29.18 1.37 0.00	29.55 1.38 0.00	28.09 1.40 0.00	33.19 1.44 -5.44	30.65 1.70 -0.03	31.05 1.68 0.00	30.56 1.64 -0.27	30.65 1.68 -0.09	31.39 1.68 0.00	43.38 2.13 0.00	36.03 1.52 0.00	32.46 1.33 0.00	32.26 1.34 0.00	30.12 1.20 0.00	26.06 1.07 0.00	23.39 1.02 0.00
BRADY___115KV_TB2 356060	23.97 -0.01 0.00	23.58 0.05 0.00	20.40 0.01 0.00	19.46 0.08 0.00	20.45 0.13 0.00	20.40 0.15 0.00	21.30 0.04 0.00	25.59 0.08 0.00	27.81 0.00 0.00	28.12 -0.05 0.00	26.58 -0.11 0.00	26.18 -0.12 0.00	28.79 -0.13 0.00	29.24 -0.13 0.00	28.51 -0.15 0.00	28.76 -0.12 0.00	29.50 -0.21 0.00	41.07 -0.18 0.00	34.47 -0.04 0.00	31.20 0.06 0.00	31.00 0.08 0.00	29.01 0.10 0.00	25.11 0.12 0.00	22.47 0.10 0.00
BRANSCOMB___SOLAR 323811	25.21 1.22 0.00	24.72 1.19 0.00	21.43 1.04 0.00	20.38 1.00 0.00	21.30 0.98 0.00	21.22 0.96 0.00	22.34 1.08 0.00	26.76 1.26 0.00	29.23 1.43 0.00	29.40 1.24 0.00	27.60 0.92 0.00	20.23 0.92 6.99	29.95 1.06 0.04	30.56 1.20 0.00	29.35 1.03 0.34	29.63 0.87 0.12	30.74 1.03 0.00	42.73 1.48 0.00	35.89 1.38 0.00	32.63 1.50 0.00	32.64 1.72 0.00	30.53 1.61 0.00	26.23 1.24 0.00	23.54 1.17 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	25.67 1.68 0.00	25.06 1.53 0.00	21.70 1.31 0.00	20.58 1.19 0.00	21.44 1.12 0.00	21.42 1.16 0.00	22.66 1.40 0.00	27.30 1.79 0.00	29.94 2.13 0.00	30.33 2.16 0.00	29.01 2.33 0.00	34.41 2.29 -5.82	31.49 2.54 -0.03	31.90 2.53 0.00	31.56 2.61 -0.29	41.38 2.77 -9.74	32.36 2.64 0.00	44.43 3.18 0.00	36.92 2.41 0.00	33.30 2.17 0.00	33.14 2.22 0.00	31.15 2.24 0.00	26.91 1.92 0.00	24.09 1.71 0.00
BRISTLHL_115KV_TB1 79998	23.74 -0.25 0.00	23.22 -0.31 0.00	20.09 -0.30 0.00	19.07 -0.32 0.00	20.03 -0.29 0.00	19.99 -0.27 0.00	20.99 -0.26 0.00	25.07 -0.43 0.00	27.31 -0.50 0.00	27.68 -0.49 0.00	26.34 -0.35 0.00	25.95 -0.35 0.00	28.57 -0.36 0.00	28.98 -0.38 0.00	28.32 -0.34 0.00	28.56 -0.32 0.00	29.41 -0.31 0.00	40.88 -0.37 0.00	34.21 -0.30 0.00	30.83 -0.31 0.00	30.60 -0.32 0.00	28.60 -0.31 0.00	24.72 -0.27 0.00	22.12 -0.25 0.00
BROOKHAVEN___DRP 24191	25.33 1.34 0.00	24.75 1.23 0.00	21.44 1.05 0.00	20.32 0.94 0.00	21.13 0.81 0.00	21.10 0.84 0.00	22.32 1.06 0.00	26.87 1.37 0.00	29.49 1.68 0.00	29.86 1.70 0.00	28.57 1.88 0.00	33.92 1.80 -5.82	30.95 2.00 -0.03	31.36 1.99 0.00	31.05 2.11 -0.29	40.93 2.31 -9.74	32.00 2.29 0.00	43.98 2.73 0.00	36.57 2.06 0.00	33.04 1.90 0.00	32.84 1.92 0.00	30.77 1.86 0.00	26.55 1.55 0.00	23.76 1.39 0.00
BROOKLYN_NAVY_YARD 23515	25.26 1.28 0.00	24.65 1.12 0.00	21.37 0.98 0.00	20.32 0.94 0.00	21.20 0.88 0.00	21.20 0.94 0.00	22.41 1.15 0.00	26.95 1.45 0.00	29.49 1.69 0.00	29.88 1.71 0.00	28.36 1.67 0.00	33.84 1.73 -5.82	30.96 2.00 -0.03	31.33 1.97 0.00	30.86 1.91 -0.28	30.94 1.96 -0.10	31.64 1.93 0.00	43.66 2.40 0.00	36.19 1.68 0.00	32.61 1.48 0.00	32.45 1.53 0.00	30.31 1.40 0.00	26.28 1.29 0.00	23.56 1.19 0.00
BROOKLYN___ARMY_DRP 323595	25.41 1.42 0.00	24.81 1.28 0.00	21.53 1.13 0.00	20.45 1.07 0.00	21.33 1.02 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.59 1.91 0.00	34.06 1.94 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.19 -0.10	31.84 2.13 0.00	43.95 2.69 0.00	36.43 1.92 0.00	32.85 1.72 0.00	32.67 1.75 0.00	30.53 1.62 0.00	26.46 1.47 0.00	23.71 1.34 0.00



BROOKVLE_69_KV_TB1 55790	25.56 1.56 0.00	24.94 1.41 0.00	21.60 1.21 0.00	20.50 1.12 0.00	21.39 1.07 0.00	21.38 1.12 0.00	22.61 1.35 0.00	27.21 1.71 0.00	29.81 2.00 0.00	30.20 2.04 0.00	28.83 2.14 0.00	34.26 2.14 -5.82	31.40 2.45 -0.03	31.83 2.47 0.00	31.39 2.45 -0.29	41.19 2.57 -9.74	32.14 2.42 0.00	44.24 2.99 0.00	36.72 2.21 0.00	33.20 2.07 0.00	33.01 2.09 0.00	30.87 1.96 0.00	26.66 1.66 0.00	23.88 1.51 0.00
BROOME_2_LFGE 323671	24.44 0.45 0.00	23.86 0.34 0.00	20.67 0.27 0.00	19.60 0.21 0.00	20.59 0.27 0.00	20.54 0.28 0.00	21.70 0.44 0.00	26.01 0.51 0.00	28.37 0.57 0.00	28.84 0.68 0.00	27.54 0.86 0.00	27.07 0.76 0.00	29.71 0.78 0.00	30.10 0.73 0.00	29.43 0.77 0.00	29.67 0.79 0.00	30.55 0.83 0.00	42.34 1.09 0.00	35.36 0.85 0.00	31.79 0.66 0.00	31.52 0.60 0.00	29.46 0.55 0.00	25.57 0.57 0.00	22.85 0.48 0.00
BROOME___LFGE 323600	24.44 0.45 0.00	23.86 0.34 0.00	20.67 0.27 0.00	19.60 0.21 0.00	20.59 0.27 0.00	20.54 0.28 0.00	21.70 0.44 0.00	26.01 0.51 0.00	28.37 0.57 0.00	28.84 0.68 0.00	27.54 0.86 0.00	27.07 0.76 0.00	29.71 0.78 0.00	30.10 0.73 0.00	29.43 0.77 0.00	29.67 0.79 0.00	30.55 0.83 0.00	42.34 1.09 0.00	35.36 0.85 0.00	31.79 0.66 0.00	31.52 0.60 0.00	29.46 0.55 0.00	25.57 0.57 0.00	22.85 0.48 0.00
BROWNFLS_115KV_TB_3_5 80003	24.18 0.18 0.00	23.70 0.18 0.00	20.51 0.12 0.00	19.53 0.14 0.00	20.51 0.20 0.00	20.47 0.21 0.00	21.39 0.13 0.00	25.54 0.03 0.00	27.65 -0.16 0.00	27.86 -0.30 0.00	26.32 -0.37 0.00	25.90 -0.40 0.00	28.46 -0.47 0.00	28.91 -0.46 0.00	28.22 -0.44 0.00	28.48 -0.40 0.00	29.27 -0.45 0.00	40.81 -0.44 0.00	34.33 -0.18 0.00	31.10 -0.03 0.00	31.03 0.11 0.00	29.03 0.11 0.00	25.12 0.13 0.00	22.57 0.20 0.00
BROWNSV1_27_KV_LOAD 356125	25.56 1.57 0.00	24.93 1.40 0.00	21.61 1.22 0.00	20.53 1.15 0.00	21.43 1.11 0.00	21.42 1.17 0.00	22.67 1.41 0.00	27.26 1.76 0.00	29.85 2.04 0.00	30.25 2.08 0.00	28.74 2.05 0.00	34.23 2.11 -5.82	31.38 2.43 -0.03	31.77 2.41 0.00	31.29 2.34 -0.28	31.38 2.40 -0.10	32.08 2.37 0.00	44.26 3.01 0.00	36.70 2.19 0.00	33.04 1.91 0.00	32.88 1.96 0.00	30.71 1.80 0.00	26.60 1.60 0.00	23.83 1.46 0.00
BURROWS___LYONSDAL 23803	24.55 0.56 0.00	24.02 0.49 0.00	20.76 0.37 0.00	19.73 0.35 0.00	20.71 0.39 0.00	20.68 0.42 0.00	21.72 0.46 0.00	25.93 0.43 0.00	28.14 0.33 0.00	28.40 0.23 0.00	26.90 0.21 0.00	26.49 0.19 0.00	29.21 0.28 0.00	29.69 0.32 0.00	28.92 0.25 0.00	29.20 0.32 0.00	30.09 0.38 0.00	41.96 0.71 0.00	35.24 0.73 0.00	31.90 0.77 0.00	31.78 0.86 0.00	29.68 0.77 0.00	25.62 0.62 0.00	22.90 0.53 0.00
CAITHNESS_CC_1 323624	25.36 1.37 0.00	24.77 1.25 0.00	21.45 1.06 0.00	20.33 0.95 0.00	21.14 0.82 0.00	21.11 0.86 0.00	22.33 1.07 0.00	26.88 1.38 0.00	29.50 1.69 0.00	29.87 1.71 0.00	28.58 1.89 0.00	33.94 1.82 -5.82	30.97 2.01 -0.03	31.38 2.01 0.00	31.07 2.12 -0.29	40.93 2.32 -9.74	32.01 2.30 0.00	43.98 2.73 0.00	36.55 2.04 0.00	33.01 1.88 0.00	32.80 1.88 0.00	30.75 1.84 0.00	26.55 1.55 0.00	23.76 1.39 0.00
CALPINE BETH_PAGE_GT4 24209	25.57 1.58 0.00	24.94 1.42 0.00	21.60 1.21 0.00	20.49 1.11 0.00	21.36 1.04 0.00	21.35 1.09 0.00	22.58 1.32 0.00	27.20 1.70 0.00	29.80 1.99 0.00	30.15 1.99 0.00	28.82 2.13 0.00	34.22 2.10 -5.82	31.32 2.37 -0.03	31.64 2.28 0.00	31.23 2.29 -0.29	41.06 2.44 -9.74	32.09 2.38 0.00	44.09 2.85 0.00	36.61 2.10 0.00	33.05 1.92 0.00	32.87 1.95 0.00	30.80 1.88 0.00	26.67 1.68 0.00	23.92 1.54 0.00
CALPINE_BETH_PAGE_GT_4 323586	25.58 1.59 0.00	24.95 1.43 0.00	21.60 1.21 0.00	20.49 1.11 0.00	21.36 1.04 0.00	21.35 1.09 0.00	22.58 1.32 0.00	27.20 1.70 0.00	29.80 1.99 0.00	30.15 1.99 0.00	28.82 2.13 0.00	34.22 2.10 -5.82	31.32 2.37 -0.03	31.64 2.28 0.00	31.24 2.29 -0.29	41.06 2.44 -9.74	32.10 2.38 0.00	44.09 2.85 0.00	36.61 2.10 0.00	33.05 1.92 0.00	32.87 1.95 0.00	30.79 1.88 0.00	26.67 1.68 0.00	23.92 1.55 0.00
CALPINE_BP_GT1 23823	25.58 1.59 0.00	24.95 1.43 0.00	21.60 1.21 0.00	20.49 1.11 0.00	21.36 1.04 0.00	21.35 1.09 0.00	22.58 1.32 0.00	27.20 1.70 0.00	29.80 1.99 0.00	30.15 1.99 0.00	28.82 2.13 0.00	34.22 2.10 -5.82	31.32 2.37 -0.03	31.64 2.28 0.00	31.24 2.29 -0.29	41.06 2.44 -9.74	32.10 2.38 0.00	44.09 2.85 0.00	36.61 2.10 0.00	33.05 1.92 0.00	32.87 1.95 0.00	30.79 1.88 0.00	26.67 1.68 0.00	23.92 1.55 0.00
CALSPAN___DRP 24200	24.62 0.63 0.00	23.84 0.32 0.00	20.52 0.13 0.00	19.31 -0.08 0.00	20.47 0.15 0.00	20.50 0.24 0.00	21.64 0.38 0.00	25.89 0.39 0.00	28.14 0.33 0.00	28.84 0.67 0.00	27.80 1.11 0.00	27.26 0.96 0.00	29.74 0.82 0.00	30.15 0.78 0.00	29.50 0.85 0.00	29.70 0.82 0.00	30.60 0.89 0.00	42.48 1.23 0.00	35.76 1.25 0.00	31.93 0.80 0.00	31.53 0.61 0.00	29.52 0.61 0.00	25.81 0.82 0.00	23.17 0.80 0.00
CALVERTON___SOLAR 323806	25.38 1.39 0.00	24.81 1.28 0.00	21.47 1.08 0.00	20.35 0.97 0.00	21.14 0.83 0.00	21.12 0.86 0.00	22.35 1.09 0.00	26.90 1.40 0.00	29.53 1.73 0.00	29.90 1.74 0.00	28.62 1.93 0.00	33.95 1.83 -5.82	30.99 2.04 -0.03	31.40 2.03 0.00	31.10 2.15 -0.29	40.99 2.38 -9.74	32.09 2.37 0.00	44.08 2.83 0.00	36.66 2.15 0.00	33.13 2.00 0.00	32.92 2.00 0.00	30.84 1.93 0.00	26.59 1.60 0.00	23.79 1.42 0.00
CANDIGU_WT_PWR 323617	24.32 0.32 0.00	23.73 0.21 0.00	20.51 0.12 0.00	19.37 -0.02 0.00	20.43 0.11 0.00	20.43 0.17 0.00	21.69 0.44 0.00	26.06 0.55 0.00	28.50 0.69 0.00	29.10 0.93 0.00	28.00 1.31 0.00	27.43 1.13 0.00	29.94 1.02 0.00	30.27 0.90 0.00	29.61 0.95 0.00	29.76 0.88 0.00	30.70 0.99 0.00	42.51 1.26 0.00	35.59 1.08 0.00	31.82 0.69 0.00	31.47 0.55 0.00	29.42 0.51 0.00	25.68 0.68 0.00	22.98 0.60 0.00
CARR STREET_E_SYR 24060	23.99 0.00 0.00	23.45 -0.07 0.00	20.29 -0.10 0.00	19.26 -0.13 0.00	20.22 -0.10 0.00	20.18 -0.07 0.00	21.23 -0.03 0.00	25.35 -0.15 0.00	27.63 -0.18 0.00	28.05 -0.11 0.00	26.70 0.01 0.00	26.29 -0.02 0.00	28.86 -0.07 0.00	29.22 -0.15 0.00	28.55 -0.11 0.00	28.79 -0.09 0.00	29.64 -0.07 0.00	41.17 -0.08 0.00	34.47 -0.04 0.00	31.04 -0.09 0.00	30.79 -0.13 0.00	28.76 -0.15 0.00	24.88 -0.11 0.00	22.32 -0.05 0.00
CARTHAGE___PAPER 23857	24.68 0.69 0.00	24.15 0.62 0.00	20.86 0.47 0.00	19.84 0.46 0.00	20.85 0.53 0.00	20.82 0.56 0.00	21.82 0.56 0.00	25.97 0.47 0.00	28.00 0.19 0.00	28.10 -0.07 0.00	26.50 -0.19 0.00	26.05 -0.25 0.00	28.63 -0.29 0.00	29.10 -0.27 0.00	28.38 -0.28 0.00	28.69 -0.19 0.00	29.58 -0.14 0.00	41.43 0.18 0.00	34.98 0.47 0.00	31.81 0.68 0.00	31.91 0.99 0.00	29.85 0.94 0.00	25.77 0.78 0.00	23.10 0.73 0.00

CASSADAGA_WT_PWR 323784	24.59 0.60 0.00	23.85 0.32 0.00	20.56 0.17 0.00	19.33 -0.05 0.00	20.56 0.24 0.00	20.55 0.30 0.00	21.91 0.65 0.00	26.52 1.01 0.00	29.20 1.39 0.00	30.08 1.91 0.00	29.08 2.39 0.00	28.49 2.19 0.00	31.13 2.20 0.00	31.43 2.07 0.00	30.56 1.90 0.00	30.63 1.75 0.00	31.66 1.95 0.00	43.94 2.69 0.00	36.89 2.38 0.00	33.00 1.87 0.00	32.50 1.58 0.00	30.32 1.41 0.00	26.38 1.38 0.00	23.56 1.19 0.00
CE_DUNWOOD___DRP 24194	25.20 1.22 0.00	24.61 1.09 0.00	21.34 0.95 0.00	20.29 0.90 0.00	21.17 0.86 0.00	21.16 0.89 0.00	22.36 1.10 0.00	26.86 1.35 0.00	29.39 1.58 0.00	29.76 1.59 0.00	28.28 1.59 0.00	33.74 1.63 -5.80	30.85 1.90 -0.03	31.26 1.89 0.00	30.78 1.83 -0.28	30.86 1.88 -0.10	31.56 1.85 0.00	43.60 2.35 0.00	36.20 1.69 0.00	32.63 1.50 0.00	32.44 1.52 0.00	30.30 1.39 0.00	26.21 1.22 0.00	23.52 1.15 0.00
CE_MILLWOOD___DRP 24193	25.16 1.17 0.00	24.57 1.04 0.00	21.30 0.91 0.00	20.25 0.87 0.00	21.14 0.82 0.00	21.11 0.85 0.00	22.32 1.06 0.00	26.79 1.29 0.00	29.31 1.50 0.00	29.68 1.52 0.00	28.20 1.52 0.00	33.62 1.56 -5.76	30.77 1.82 -0.03	31.18 1.81 0.00	30.70 1.76 -0.28	30.78 1.80 -0.10	31.50 1.79 0.00	43.51 2.26 0.00	36.14 1.63 0.00	32.58 1.45 0.00	32.38 1.46 0.00	30.25 1.34 0.00	26.16 1.17 0.00	23.48 1.11 0.00
CE_NYC2_DRP 24202	25.34 1.35 0.00	24.73 1.21 0.00	21.46 1.07 0.00	20.41 1.02 0.00	21.29 0.97 0.00	21.28 1.02 0.00	22.52 1.26 0.00	27.06 1.56 0.00	29.62 1.81 0.00	30.01 1.84 0.00	28.52 1.84 0.00	33.98 1.87 -5.82	31.12 2.17 -0.03	31.51 2.15 0.00	31.03 2.08 -0.28	31.12 2.14 -0.10	31.79 2.08 0.00	43.87 2.62 0.00	36.37 1.86 0.00	32.77 1.64 0.00	32.61 1.69 0.00	30.46 1.55 0.00	26.37 1.38 0.00	23.64 1.27 0.00
CE_NYC_DRP 24195	25.32 1.33 0.00	24.70 1.18 0.00	21.42 1.03 0.00	20.37 0.99 0.00	21.25 0.93 0.00	21.24 0.99 0.00	22.46 1.20 0.00	27.00 1.50 0.00	29.55 1.74 0.00	29.95 1.78 0.00	28.45 1.77 0.00	33.94 1.82 -5.82	31.06 2.11 -0.03	31.46 2.09 0.00	30.97 2.02 -0.28	31.05 2.07 -0.10	31.75 2.04 0.00	43.80 2.55 0.00	36.30 1.79 0.00	32.69 1.56 0.00	32.54 1.61 0.00	30.39 1.48 0.00	26.32 1.33 0.00	23.61 1.24 0.00
CHAFFEE___LFGE 323603	24.67 0.68 0.00	23.89 0.36 0.00	20.59 0.19 0.00	19.36 -0.02 0.00	20.54 0.22 0.00	20.56 0.30 0.00	21.71 0.45 0.00	26.00 0.49 0.00	28.26 0.45 0.00	28.97 0.81 0.00	27.92 1.23 0.00	27.39 1.09 0.00	29.89 0.96 0.00	30.31 0.95 0.00	29.65 0.99 0.00	29.87 0.99 0.00	30.78 1.06 0.00	42.73 1.48 0.00	35.97 1.46 0.00	32.11 0.98 0.00	31.71 0.79 0.00	29.67 0.76 0.00	25.93 0.94 0.00	23.26 0.88 0.00
CHATEAUG_35_KV_LOAD 355732	24.43 0.44 0.00	23.96 0.44 0.00	20.79 0.40 0.00	19.85 0.46 0.00	20.81 0.49 0.00	20.73 0.47 0.00	21.73 0.47 0.00	26.15 0.65 0.00	28.45 0.65 0.00	28.74 0.58 0.00	27.19 0.50 0.00	26.80 0.50 0.00	29.41 0.49 0.00	29.92 0.55 0.00	29.14 0.48 0.00	29.35 0.48 0.00	30.27 0.56 0.00	42.27 1.02 0.00	35.53 1.02 0.00	32.10 0.97 0.00	31.83 0.91 0.00	29.68 0.77 0.00	25.51 0.52 0.00	22.72 0.34 0.00
CHATEAUG_WT_PWR 323614	24.50 0.51 0.00	24.03 0.50 0.00	20.85 0.46 0.00	19.90 0.51 0.00	20.84 0.52 0.00	20.77 0.51 0.00	21.78 0.52 0.00	26.20 0.70 0.00	28.50 0.69 0.00	28.77 0.61 0.00	27.22 0.54 0.00	26.83 0.53 0.00	29.46 0.53 0.00	29.97 0.61 0.00	29.19 0.53 0.00	29.41 0.53 0.00	30.34 0.63 0.00	42.38 1.13 0.00	35.61 1.10 0.00	32.17 1.04 0.00	31.90 0.98 0.00	29.74 0.83 0.00	25.54 0.55 0.00	22.76 0.39 0.00
CHAT_HIGH_FALL_HYD 323578	24.44 0.45 0.00	23.97 0.44 0.00	20.79 0.40 0.00	19.85 0.46 0.00	20.80 0.49 0.00	20.73 0.47 0.00	21.73 0.47 0.00	26.15 0.65 0.00	28.45 0.64 0.00	28.74 0.58 0.00	27.19 0.50 0.00	26.80 0.50 0.00	29.41 0.49 0.00	29.92 0.55 0.00	29.14 0.48 0.00	29.35 0.48 0.00	30.27 0.56 0.00	42.27 1.02 0.00	35.53 1.02 0.00	32.10 0.97 0.00	31.83 0.91 0.00	29.68 0.77 0.00	25.51 0.52 0.00	22.71 0.34 0.00
CHAUTAUQUA___LFGE 323629	24.63 0.64 0.00	23.88 0.36 0.00	20.60 0.20 0.00	19.38 0.00 0.00	20.56 0.24 0.00	20.56 0.30 0.00	21.85 0.59 0.00	26.30 0.79 0.00	28.77 0.96 0.00	29.55 1.38 0.00	28.55 1.87 0.00	27.98 1.68 0.00	30.54 1.62 0.00	30.86 1.49 0.00	30.16 1.50 0.00	30.27 1.39 0.00	31.23 1.52 0.00	43.34 2.09 0.00	36.37 1.86 0.00	32.50 1.37 0.00	32.07 1.15 0.00	29.97 1.06 0.00	26.17 1.18 0.00	23.40 1.03 0.00
CHERRYST_13_KV_LD 356241	25.39 1.40 0.00	24.77 1.24 0.00	21.48 1.09 0.00	20.42 1.04 0.00	21.31 0.99 0.00	21.31 1.05 0.00	22.54 1.28 0.00	27.10 1.60 0.00	29.66 1.85 0.00	30.06 1.90 0.00	28.57 1.88 0.00	34.06 1.94 -5.82	31.20 2.24 -0.03	31.60 2.23 0.00	31.09 2.14 -0.28	31.19 2.22 -0.10	31.88 2.17 0.00	43.98 2.73 0.00	36.44 1.93 0.00	32.80 1.67 0.00	32.63 1.71 0.00	30.48 1.57 0.00	26.40 1.41 0.00	23.67 1.30 0.00
CHESTROR_138KV_BK263 355645	24.94 0.95 0.00	24.38 0.85 0.00	21.13 0.74 0.00	20.09 0.71 0.00	20.99 0.67 0.00	20.96 0.70 0.00	22.12 0.86 0.00	26.55 1.04 0.00	29.03 1.22 0.00	29.38 1.22 0.00	27.91 1.22 0.00	32.50 1.25 -4.95	30.40 1.45 -0.03	30.82 1.45 0.00	30.32 1.42 -0.24	30.44 1.47 -0.09	31.19 1.48 0.00	43.16 1.90 0.00	35.91 1.40 0.00	32.37 1.24 0.00	32.16 1.24 0.00	30.03 1.12 0.00	25.97 0.97 0.00	23.31 0.93 0.00
CH_MIDHUDSON___DRP 24192	25.18 1.19 0.00	24.60 1.08 0.00	21.35 0.96 0.00	20.29 0.90 0.00	21.18 0.86 0.00	21.14 0.88 0.00	22.33 1.07 0.00	26.78 1.28 0.00	29.29 1.48 0.00	29.64 1.47 0.00	28.13 1.44 0.00	31.78 1.46 -4.02	30.65 1.70 -0.02	31.12 1.75 0.00	30.54 1.68 -0.20	30.68 1.73 -0.07	31.46 1.74 0.00	43.52 2.27 0.00	36.19 1.69 0.00	32.65 1.52 0.00	32.46 1.54 0.00	30.32 1.41 0.00	26.19 1.20 0.00	23.50 1.12 0.00
CH_MISC_IPPS 23765	25.31 1.32 0.00	24.72 1.19 0.00	21.43 1.04 0.00	20.37 0.99 0.00	21.26 0.94 0.00	21.24 0.98 0.00	22.44 1.18 0.00	26.93 1.43 0.00	29.47 1.66 0.00	29.82 1.66 0.00	28.32 1.63 0.00	32.38 1.64 -4.43	30.86 1.91 -0.02	31.32 1.96 0.00	30.79 1.91 -0.22	30.93 1.98 -0.08	31.72 2.01 0.00	43.90 2.65 0.00	36.50 1.99 0.00	32.91 1.77 0.00	32.69 1.77 0.00	30.53 1.62 0.00	26.36 1.37 0.00	23.63 1.26 0.00
CH_RES_BVR_FALLS 23983	23.68 -0.31 0.00	23.20 -0.33 0.00	20.15 -0.24 0.00	19.20 -0.18 0.00	20.17 -0.15 0.00	20.11 -0.14 0.00	21.06 -0.20 0.00	25.33 -0.17 0.00	27.62 -0.19 0.00	27.95 -0.22 0.00	26.44 -0.25 0.00	26.03 -0.27 0.00	28.60 -0.32 0.00	29.02 -0.35 0.00	28.31 -0.35 0.00	28.55 -0.33 0.00	29.35 -0.36 0.00	40.82 -0.44 0.00	34.16 -0.35 0.00	30.82 -0.31 0.00	30.58 -0.34 0.00	28.63 -0.28 0.00	24.81 -0.18 0.00	22.15 -0.22 0.00

CH_RES_NIAGARA 23895	24.07 0.08 0.00	23.28 -0.25 0.00	20.03 -0.36 0.00	18.81 -0.57 0.00	19.98 -0.34 0.00	20.01 -0.25 0.00	21.04 -0.22 0.00	25.10 -0.41 0.00	27.05 -0.76 0.00	27.67 -0.50 0.00	26.62 -0.07 0.00	26.12 -0.18 0.00	28.43 -0.49 0.00	28.86 -0.51 0.00	28.29 -0.37 0.00	28.48 -0.40 0.00	29.30 -0.41 0.00	40.66 -0.59 0.00	34.31 -0.19 0.00	30.65 -0.49 0.00	30.29 -0.63 0.00	28.43 -0.48 0.00	24.91 -0.08 0.00	22.51 0.14 0.00
CH_RES_SYRACUSE 23985	24.14 0.15 0.00	23.62 0.09 0.00	20.45 0.06 0.00	19.40 0.02 0.00	20.37 0.05 0.00	20.34 0.08 0.00	21.40 0.14 0.00	25.57 0.07 0.00	27.85 0.04 0.00	28.26 0.10 0.00	26.90 0.21 0.00	26.50 0.20 0.00	29.10 0.17 0.00	29.54 0.17 0.00	28.87 0.21 0.00	29.13 0.25 0.00	30.00 0.29 0.00	41.68 0.43 0.00	34.90 0.39 0.00	31.41 0.28 0.00	31.16 0.23 0.00	29.11 0.20 0.00	25.15 0.16 0.00	22.50 0.13 0.00
CLINTON_WT_PWR 323605	24.50 0.51 0.00	24.03 0.50 0.00	20.85 0.46 0.00	19.90 0.51 0.00	20.84 0.52 0.00	20.77 0.51 0.00	21.78 0.52 0.00	26.20 0.70 0.00	28.50 0.69 0.00	28.77 0.61 0.00	27.22 0.54 0.00	26.83 0.53 0.00	29.46 0.53 0.00	29.97 0.61 0.00	29.19 0.53 0.00	29.41 0.53 0.00	30.34 0.63 0.00	42.38 1.13 0.00	35.61 1.10 0.00	32.17 1.04 0.00	31.90 0.98 0.00	29.74 0.83 0.00	25.54 0.55 0.00	22.76 0.39 0.00
CLINTON___LFGE 323618	24.81 0.81 0.00	24.30 0.78 0.00	21.09 0.70 0.00	20.12 0.73 0.00	21.07 0.75 0.00	20.99 0.74 0.00	22.04 0.78 0.00	26.53 1.03 0.00	28.84 1.03 0.00	29.07 0.91 0.00	27.49 0.80 0.00	27.12 0.82 0.00	29.79 0.86 0.00	30.32 0.95 0.00	29.50 0.85 0.00	29.75 0.87 0.00	30.73 1.01 0.00	42.99 1.74 0.00	36.18 1.67 0.00	32.71 1.58 0.00	32.44 1.53 0.00	30.22 1.31 0.00	25.91 0.91 0.00	23.07 0.69 0.00
COBBLENY_34_KV_TB1 80064	24.69 0.70 0.00	23.91 0.39 0.00	20.58 0.19 0.00	19.36 -0.02 0.00	20.53 0.21 0.00	20.55 0.30 0.00	21.71 0.45 0.00	26.00 0.49 0.00	28.26 0.45 0.00	28.97 0.81 0.00	27.92 1.23 0.00	27.38 1.08 0.00	29.89 0.96 0.00	30.31 0.95 0.00	29.66 1.00 0.00	29.87 0.99 0.00	30.78 1.07 0.00	42.73 1.48 0.00	35.97 1.46 0.00	32.11 0.98 0.00	31.71 0.78 0.00	29.67 0.76 0.00	25.93 0.94 0.00	23.25 0.88 0.00
COFFEEN___115KV_TB3 355620	24.83 0.84 0.00	24.27 0.74 0.00	20.93 0.54 0.00	19.90 0.52 0.00	20.92 0.60 0.00	20.89 0.63 0.00	21.91 0.65 0.00	26.03 0.53 0.00	28.06 0.25 0.00	28.19 0.03 0.00	26.63 -0.05 0.00	26.14 -0.16 0.00	28.73 -0.20 0.00	29.14 -0.22 0.00	28.41 -0.24 0.00	28.71 -0.17 0.00	29.63 -0.09 0.00	41.57 0.31 0.00	35.10 0.59 0.00	31.96 0.82 0.00	32.23 1.31 0.00	30.15 1.24 0.00	25.98 0.99 0.00	23.27 0.91 0.00
COLDSPRG_115KV_BK1 355956	25.08 1.08 0.00	24.32 0.80 0.00	20.95 0.56 0.00	19.74 0.36 0.00	20.93 0.61 0.00	20.95 0.69 0.00	22.29 1.03 0.00	26.92 1.42 0.00	29.54 1.73 0.00	30.36 2.19 0.00	29.31 2.62 0.00	28.68 2.38 0.00	31.34 2.42 0.00	31.74 2.38 0.00	30.90 2.25 0.00	31.02 2.15 0.00	32.00 2.29 0.00	44.30 3.05 0.00	37.12 2.62 0.00	33.16 2.02 0.00	32.71 1.79 0.00	30.53 1.62 0.00	26.68 1.69 0.00	23.84 1.47 0.00
COLONIE_LFGE___ 323577	24.87 0.88 0.00	24.40 0.87 0.00	21.18 0.78 0.00	20.14 0.75 0.00	21.03 0.71 0.00	20.91 0.65 0.00	22.03 0.77 0.00	26.40 0.90 0.00	28.85 1.04 0.00	29.07 0.91 0.00	27.41 0.72 0.00	18.81 0.73 8.23	29.77 0.89 0.04	30.36 0.99 0.00	29.08 0.82 0.40	29.43 0.68 0.14	30.51 0.80 0.00	42.29 1.04 0.00	35.35 0.85 0.00	32.12 0.99 0.00	32.01 1.09 0.00	29.95 1.04 0.00	25.77 0.77 0.00	23.16 0.79 0.00
COOPERNY_115KV_TB1 80082	24.68 0.69 0.00	24.13 0.61 0.00	20.93 0.54 0.00	19.89 0.51 0.00	20.80 0.48 0.00	20.76 0.50 0.00	21.89 0.63 0.00	26.27 0.77 0.00	28.70 0.89 0.00	29.07 0.90 0.00	27.61 0.92 0.00	30.51 0.93 -3.28	30.04 1.10 -0.02	30.45 1.09 0.00	29.88 1.06 -0.16	30.05 1.11 -0.06	30.81 1.10 0.00	42.66 1.41 0.00	35.54 1.03 0.00	32.04 0.91 0.00	31.82 0.90 0.00	29.73 0.82 0.00	25.72 0.72 0.00	23.06 0.68 0.00
COPENHAGEN_WT_PWR 323753	24.60 0.61 0.00	24.07 0.54 0.00	20.78 0.39 0.00	19.75 0.37 0.00	20.76 0.44 0.00	20.72 0.47 0.00	21.72 0.46 0.00	25.82 0.32 0.00	27.91 0.11 0.00	28.04 -0.12 0.00	26.49 -0.20 0.00	26.02 -0.28 0.00	28.56 -0.37 0.00	29.01 -0.36 0.00	28.30 -0.35 0.00	28.59 -0.29 0.00	29.49 -0.23 0.00	41.30 0.05 0.00	34.83 0.32 0.00	31.61 0.48 0.00	31.75 0.83 0.00	29.70 0.79 0.00	25.63 0.64 0.00	23.04 0.67 0.00
CORNELL___ 23752	24.65 0.66 0.00	24.08 0.55 0.00	20.83 0.44 0.00	19.76 0.38 0.00	20.75 0.44 0.00	20.73 0.47 0.00	21.87 0.61 0.00	26.21 0.71 0.00	28.53 0.72 0.00	28.94 0.78 0.00	27.57 0.88 0.00	27.04 0.74 0.00	29.69 0.77 0.00	30.15 0.78 0.00	29.47 0.81 0.00	29.83 0.95 0.00	30.70 0.99 0.00	42.69 1.44 0.00	35.77 1.26 0.00	32.20 1.06 0.00	31.95 1.03 0.00	29.86 0.95 0.00	25.81 0.82 0.00	23.05 0.68 0.00
CORONA_AAV_69_KV_TB1 355595	25.51 1.52 0.00	24.89 1.36 0.00	21.55 1.15 0.00	20.45 1.06 0.00	21.32 1.00 0.00	21.31 1.05 0.00	22.54 1.28 0.00	27.11 1.61 0.00	29.72 1.91 0.00	30.10 1.93 0.00	28.79 2.11 0.00	34.21 2.09 -5.82	31.33 2.38 -0.03	31.76 2.39 0.00	31.30 2.35 -0.29	41.10 2.49 -9.74	32.16 2.45 0.00	44.26 3.01 0.00	36.75 2.24 0.00	33.14 2.00 0.00	32.95 2.03 0.00	30.84 1.93 0.00	26.62 1.63 0.00	23.83 1.45 0.00
CORTLAND_115KV_TB3 80093	24.44 0.45 0.00	23.89 0.36 0.00	20.67 0.28 0.00	19.61 0.22 0.00	20.59 0.27 0.00	20.55 0.29 0.00	21.66 0.40 0.00	25.97 0.46 0.00	28.29 0.48 0.00	28.69 0.52 0.00	27.33 0.65 0.00	26.86 0.56 0.00	29.49 0.56 0.00	29.92 0.55 0.00	29.26 0.60 0.00	29.54 0.66 0.00	30.43 0.71 0.00	42.26 1.01 0.00	35.34 0.84 0.00	31.84 0.71 0.00	31.61 0.69 0.00	29.53 0.62 0.00	25.54 0.55 0.00	22.82 0.45 0.00
COXSACKIE___GT 23611	25.44 1.45 0.00	24.92 1.40 0.00	21.62 1.23 0.00	20.55 1.17 0.00	21.50 1.18 0.00	21.42 1.16 0.00	22.60 1.34 0.00	27.03 1.53 0.00	29.62 1.81 0.00	29.84 1.67 0.00	28.00 1.31 0.00	25.02 1.06 2.34	29.99 1.07 0.01	30.48 1.11 0.00	29.73 1.19 0.11	30.04 1.20 0.04	31.07 1.36 0.00	43.08 1.83 0.00	36.48 1.97 0.00	33.20 2.07 0.00	33.20 2.28 0.00	31.04 2.13 0.00	26.65 1.65 0.00	23.78 1.41 0.00
CPV_VALLEY___CC1 323721	24.74 0.74 0.00	24.18 0.65 0.00	20.97 0.57 0.00	19.94 0.56 0.00	20.82 0.50 0.00	20.79 0.53 0.00	21.94 0.68 0.00	26.33 0.83 0.00	28.78 0.98 0.00	29.15 0.98 0.00	27.69 1.00 0.00	31.67 1.03 -4.34	30.17 1.22 -0.02	30.58 1.21 0.00	30.05 1.18 -0.21	30.17 1.22 -0.07	30.93 1.22 0.00	42.79 1.53 0.00	35.60 1.08 0.00	32.09 0.96 0.00	31.88 0.96 0.00	29.77 0.86 0.00	25.75 0.76 0.00	23.11 0.74 0.00

CPV_VALLEY___CC2 323722	24.74 0.74 0.00	24.18 0.65 0.00	20.97 0.57 0.00	19.94 0.56 0.00	20.82 0.50 0.00	20.79 0.53 0.00	21.94 0.68 0.00	26.33 0.83 0.00	28.78 0.98 0.00	29.15 0.98 0.00	27.69 1.00 0.00	31.67 1.03 -4.34	30.17 1.22 -0.02	30.58 1.21 0.00	30.05 1.18 -0.21	30.17 1.22 -0.07	30.93 1.22 0.00	42.79 1.53 0.00	35.60 1.08 0.00	32.09 0.96 0.00	31.88 0.96 0.00	29.77 0.86 0.00	25.75 0.76 0.00	23.11 0.74 0.00
CRESCENT___HYD 24018	24.87 0.88 0.00	24.40 0.87 0.00	21.18 0.78 0.00	20.14 0.75 0.00	21.03 0.71 0.00	20.91 0.65 0.00	22.03 0.77 0.00	26.40 0.90 0.00	28.85 1.04 0.00	29.07 0.91 0.00	27.41 0.72 0.00	18.81 0.73 8.23	29.77 0.89 0.04	30.36 0.99 0.00	29.08 0.82 0.40	29.43 0.68 0.14	30.51 0.80 0.00	42.29 1.04 0.00	35.35 0.85 0.00	32.12 0.99 0.00	32.01 1.09 0.00	29.95 1.04 0.00	25.77 0.77 0.00	23.16 0.79 0.00
CRICKET___VALLEY_CC1 323756	24.92 0.93 0.00	24.39 0.86 0.00	21.19 0.80 0.00	20.14 0.76 0.00	21.01 0.69 0.00	20.96 0.70 0.00	22.10 0.84 0.00	26.43 0.93 0.00	28.90 1.09 0.00	29.20 1.04 0.00	27.66 0.97 0.00	-52.75 0.99 80.05	29.69 1.18 0.42	30.59 1.23 0.00	25.87 1.15 3.93	28.64 1.14 1.38	30.88 1.17 0.00	42.72 1.46 0.00	35.57 1.05 0.00	32.14 1.01 0.00	31.99 1.07 0.00	29.90 0.99 0.00	25.81 0.82 0.00	23.22 0.85 0.00
CRICKET___VALLEY_CC2 323757	24.92 0.93 0.00	24.39 0.86 0.00	21.19 0.80 0.00	20.14 0.76 0.00	21.01 0.69 0.00	20.96 0.70 0.00	22.10 0.84 0.00	26.43 0.93 0.00	28.90 1.09 0.00	29.20 1.04 0.00	27.66 0.97 0.00	-52.75 0.99 80.05	29.69 1.18 0.42	30.59 1.23 0.00	25.87 1.15 3.93	28.64 1.14 1.38	30.88 1.17 0.00	42.72 1.46 0.00	35.57 1.05 0.00	32.14 1.01 0.00	31.99 1.07 0.00	29.90 0.99 0.00	25.81 0.82 0.00	23.22 0.85 0.00
CRICKET___VALLEY_CC3 323758	24.92 0.93 0.00	24.39 0.86 0.00	21.19 0.80 0.00	20.14 0.76 0.00	21.01 0.69 0.00	20.96 0.70 0.00	22.10 0.84 0.00	26.43 0.93 0.00	28.90 1.09 0.00	29.20 1.04 0.00	27.66 0.97 0.00	-52.75 0.99 80.05	29.69 1.18 0.42	30.59 1.23 0.00	25.87 1.15 3.93	28.64 1.14 1.38	30.88 1.17 0.00	42.72 1.46 0.00	35.57 1.05 0.00	32.14 1.01 0.00	31.99 1.07 0.00	29.90 0.99 0.00	25.81 0.82 0.00	23.22 0.85 0.00
CRUCIBLE_METL_DRP 24180	24.14 0.14 0.00	23.62 0.09 0.00	20.45 0.06 0.00	19.40 0.02 0.00	20.37 0.05 0.00	20.34 0.08 0.00	21.40 0.14 0.00	25.57 0.07 0.00	27.85 0.04 0.00	28.26 0.10 0.00	26.90 0.21 0.00	26.50 0.20 0.00	29.10 0.17 0.00	29.54 0.17 0.00	28.87 0.21 0.00	29.13 0.25 0.00	30.00 0.29 0.00	41.68 0.43 0.00	34.90 0.39 0.00	31.41 0.28 0.00	31.16 0.23 0.00	29.11 0.20 0.00	25.15 0.16 0.00	22.50 0.13 0.00
DAHOWA___HYDRO 323763	25.29 1.30 0.00	24.81 1.28 0.00	21.50 1.11 0.00	20.44 1.06 0.00	21.37 1.05 0.00	21.30 1.04 0.00	22.41 1.15 0.00	26.86 1.36 0.00	29.34 1.54 0.00	29.50 1.33 0.00	27.67 0.99 0.00	20.56 0.98 6.72	30.03 1.14 0.04	30.66 1.29 0.00	29.44 1.11 0.33	29.70 0.94 0.11	30.81 1.10 0.00	42.87 1.62 0.00	36.05 1.54 0.00	32.77 1.64 0.00	32.80 1.88 0.00	30.68 1.77 0.00	26.35 1.36 0.00	23.64 1.27 0.00
DANC___LFGE 323619	24.34 0.35 0.00	23.81 0.28 0.00	20.57 0.18 0.00	19.54 0.16 0.00	20.53 0.21 0.00	20.50 0.24 0.00	21.50 0.24 0.00	25.60 0.10 0.00	27.73 -0.08 0.00	27.93 -0.23 0.00	26.44 -0.25 0.00	26.00 -0.30 0.00	28.55 -0.38 0.00	29.01 -0.35 0.00	28.32 -0.34 0.00	28.57 -0.31 0.00	29.43 -0.29 0.00	41.12 -0.13 0.00	34.60 0.09 0.00	31.34 0.21 0.00	31.37 0.45 0.00	29.38 0.47 0.00	25.35 0.36 0.00	22.75 0.38 0.00
DANSKAMMER___1 23586	25.31 1.32 0.00	24.72 1.19 0.00	21.43 1.04 0.00	20.37 0.99 0.00	21.26 0.94 0.00	21.24 0.98 0.00	22.44 1.18 0.00	26.93 1.43 0.00	29.47 1.66 0.00	29.82 1.66 0.00	28.32 1.63 0.00	32.38 1.64 -4.43	30.86 1.91 -0.02	31.32 1.96 0.00	30.79 1.91 -0.22	30.93 1.98 -0.08	31.72 2.01 0.00	43.90 2.65 0.00	36.50 1.99 0.00	32.91 1.77 0.00	32.69 1.77 0.00	30.53 1.62 0.00	26.36 1.37 0.00	23.63 1.26 0.00
DANSKAMMER___2 23589	25.31 1.32 0.00	24.72 1.19 0.00	21.43 1.04 0.00	20.37 0.99 0.00	21.26 0.94 0.00	21.24 0.98 0.00	22.44 1.18 0.00	26.93 1.43 0.00	29.47 1.66 0.00	29.82 1.66 0.00	28.32 1.63 0.00	32.38 1.64 -4.43	30.86 1.91 -0.02	31.32 1.96 0.00	30.79 1.91 -0.22	30.93 1.98 -0.08	31.72 2.01 0.00	43.90 2.65 0.00	36.50 1.99 0.00	32.91 1.77 0.00	32.69 1.77 0.00	30.53 1.62 0.00	26.36 1.37 0.00	23.63 1.26 0.00
DANSKAMMER___3 23590	25.31 1.32 0.00	24.72 1.19 0.00	21.43 1.04 0.00	20.37 0.99 0.00	21.26 0.94 0.00	21.24 0.98 0.00	22.44 1.18 0.00	26.93 1.43 0.00	29.47 1.66 0.00	29.82 1.66 0.00	28.32 1.63 0.00	32.38 1.64 -4.43	30.86 1.91 -0.02	31.32 1.96 0.00	30.79 1.91 -0.22	30.93 1.98 -0.08	31.72 2.01 0.00	43.90 2.65 0.00	36.50 1.99 0.00	32.91 1.77 0.00	32.69 1.77 0.00	30.53 1.62 0.00	26.36 1.37 0.00	23.63 1.26 0.00
DANSKAMMER___4 23591	25.31 1.32 0.00	24.72 1.19 0.00	21.43 1.04 0.00	20.37 0.99 0.00	21.26 0.94 0.00	21.24 0.98 0.00	22.44 1.18 0.00	26.93 1.43 0.00	29.47 1.66 0.00	29.82 1.66 0.00	28.32 1.63 0.00	32.38 1.64 -4.43	30.86 1.91 -0.02	31.32 1.96 0.00	30.79 1.91 -0.22	30.93 1.98 -0.08	31.72 2.01 0.00	43.90 2.65 0.00	36.50 1.99 0.00	32.91 1.77 0.00	32.69 1.77 0.00	30.53 1.62 0.00	26.36 1.37 0.00	23.63 1.26 0.00
DANSKAMMER___DIESEL 23592	25.30 1.31 0.00	24.72 1.19 0.00	21.43 1.04 0.00	20.37 0.98 0.00	21.26 0.94 0.00	21.24 0.98 0.00	22.44 1.18 0.00	26.93 1.43 0.00	29.47 1.66 0.00	29.82 1.66 0.00	28.31 1.63 0.00	32.38 1.64 -4.43	30.86 1.91 -0.02	31.32 1.96 0.00	30.79 1.91 -0.22	30.93 1.97 -0.08	31.72 2.01 0.00	43.90 2.65 0.00	36.50 1.99 0.00	32.91 1.77 0.00	32.70 1.78 0.00	30.53 1.62 0.00	26.37 1.37 0.00	23.63 1.26 0.00
DARBY___SOLAR 323810	25.21 1.23 0.00	24.74 1.21 0.00	21.44 1.05 0.00	20.39 1.01 0.00	21.31 0.99 0.00	21.23 0.97 0.00	22.35 1.09 0.00	26.78 1.28 0.00	29.26 1.45 0.00	29.43 1.26 0.00	27.62 0.94 0.00	20.26 0.94 6.98	29.96 1.07 0.04	30.57 1.20 0.00	29.37 1.05 0.34	29.64 0.88 0.12	30.76 1.05 0.00	42.77 1.52 0.00	35.94 1.43 0.00	32.66 1.53 0.00	32.66 1.75 0.00	30.55 1.64 0.00	26.26 1.26 0.00	23.57 1.19 0.00
DASHVILLE___HYD 23610	25.00 1.00 0.00	24.40 0.88 0.00	21.16 0.77 0.00	20.11 0.73 0.00	20.99 0.67 0.00	20.97 0.71 0.00	22.13 0.87 0.00	26.57 1.07 0.00	29.06 1.25 0.00	29.44 1.28 0.00	27.99 1.31 0.00	29.95 1.37 -2.28	30.60 1.66 -0.01	30.99 1.62 0.00	30.32 1.55 -0.11	30.57 1.65 -0.04	31.31 1.60 0.00	43.27 2.02 0.00	35.92 1.41 0.00	32.37 1.24 0.00	32.16 1.24 0.00	30.04 1.13 0.00	25.97 0.97 0.00	23.32 0.94 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	25.81 1.82 0.00	25.23 1.70 0.00	21.85 1.46 0.00	20.71 1.32 0.00	21.53 1.21 0.00	21.51 1.25 0.00	22.78 1.52 0.00	27.43 1.93 0.00	30.13 2.32 0.00	30.57 2.40 0.00	29.28 2.59 0.00	34.60 2.48 -5.82	31.69 2.74 -0.03	32.07 2.70 0.00	31.81 2.87 -0.29	41.71 3.10 -9.74	32.83 3.12 0.00	45.21 3.96 0.00	37.56 3.05 0.00	33.90 2.77 0.00	33.67 2.75 0.00	31.49 2.58 0.00	27.10 2.11 0.00	24.24 1.87 0.00
DELAWARE___LFGE 323621	24.75 0.76 0.00	24.20 0.67 0.00	21.00 0.61 0.00	19.94 0.56 0.00	20.89 0.57 0.00	20.84 0.58 0.00	21.97 0.71 0.00	26.35 0.84 0.00	28.76 0.95 0.00	29.16 0.99 0.00	27.71 1.02 0.00	27.30 1.00 0.00	30.03 1.10 0.00	30.46 1.10 0.00	29.74 1.08 0.00	30.00 1.12 0.00	30.83 1.12 0.00	42.72 1.47 0.00	35.70 1.19 0.00	32.19 1.06 0.00	31.95 1.03 0.00	29.87 0.96 0.00	25.84 0.85 0.00	23.12 0.75 0.00
DERFIELD_115KV_TB7 355931	24.05 0.06 0.00	23.56 0.03 0.00	20.43 0.04 0.00	19.40 0.02 0.00	20.34 0.02 0.00	20.28 0.02 0.00	21.30 0.04 0.00	25.53 0.03 0.00	27.84 0.03 0.00	28.20 0.03 0.00	26.73 0.04 0.00	26.33 0.03 0.00	28.98 0.06 0.00	29.44 0.08 0.00	28.72 0.06 0.00	28.93 0.05 0.00	29.77 0.06 0.00	41.32 0.06 0.00	34.55 0.04 0.00	31.20 0.06 0.00	30.98 0.06 0.00	28.97 0.06 0.00	25.03 0.04 0.00	22.42 0.05 0.00
DOGLEVILLE___HYD 23807	23.77 -0.22 0.00	23.25 -0.28 0.00	20.14 -0.25 0.00	19.17 -0.21 0.00	20.00 -0.32 0.00	19.85 -0.41 0.00	20.99 -0.27 0.00	25.18 -0.32 0.00	27.56 -0.25 0.00	27.75 -0.41 0.00	26.13 -0.56 0.00	25.79 -0.51 0.00	28.60 -0.32 0.00	29.14 -0.23 0.00	28.20 -0.46 0.00	28.31 -0.57 0.00	29.15 -0.56 0.00	40.50 -0.76 0.00	33.88 -0.63 0.00	30.97 -0.16 0.00	30.84 -0.08 0.00	28.77 -0.14 0.00	24.72 -0.27 0.00	22.13 -0.25 0.00
DUNKIRK___115KV_TB_200 55889	24.65 0.66 0.00	23.90 0.37 0.00	20.59 0.20 0.00	19.39 0.01 0.00	20.56 0.24 0.00	20.56 0.30 0.00	21.83 0.58 0.00	26.26 0.76 0.00	28.70 0.89 0.00	29.46 1.30 0.00	28.47 1.78 0.00	27.89 1.58 0.00	30.45 1.53 0.00	30.77 1.40 0.00	30.09 1.44 0.00	30.21 1.33 0.00	31.17 1.46 0.00	43.24 1.99 0.00	36.27 1.77 0.00	32.42 1.29 0.00	31.99 1.07 0.00	29.90 0.99 0.00	26.13 1.14 0.00	23.37 1.00 0.00
DUNKIRK___1 23563	24.65 0.66 0.00	23.90 0.37 0.00	20.59 0.20 0.00	19.39 0.01 0.00	20.56 0.24 0.00	20.56 0.30 0.00	21.83 0.58 0.00	26.26 0.76 0.00	28.70 0.89 0.00	29.46 1.30 0.00	28.47 1.78 0.00	27.89 1.58 0.00	30.45 1.53 0.00	30.77 1.40 0.00	30.09 1.44 0.00	30.21 1.33 0.00	31.17 1.46 0.00	43.24 1.99 0.00	36.27 1.77 0.00	32.42 1.29 0.00	31.99 1.07 0.00	29.90 0.99 0.00	26.13 1.14 0.00	23.37 1.00 0.00
DUNKIRK___2 23564	24.65 0.66 0.00	23.90 0.37 0.00	20.59 0.20 0.00	19.39 0.01 0.00	20.56 0.24 0.00	20.56 0.30 0.00	21.83 0.58 0.00	26.26 0.76 0.00	28.70 0.89 0.00	29.46 1.30 0.00	28.47 1.78 0.00	27.89 1.58 0.00	30.45 1.53 0.00	30.77 1.40 0.00	30.09 1.44 0.00	30.21 1.33 0.00	31.17 1.46 0.00	43.24 1.99 0.00	36.27 1.77 0.00	32.42 1.29 0.00	31.99 1.07 0.00	29.90 0.99 0.00	26.13 1.14 0.00	23.37 1.00 0.00
DUNKIRK___3 23565	24.60 0.61 0.00	23.86 0.33 0.00	20.55 0.16 0.00	19.36 -0.02 0.00	20.51 0.19 0.00	20.52 0.26 0.00	21.76 0.50 0.00	26.11 0.61 0.00	28.48 0.67 0.00	29.21 1.04 0.00	28.20 1.51 0.00	27.62 1.32 0.00	30.15 1.23 0.00	30.50 1.13 0.00	29.85 1.19 0.00	29.98 1.10 0.00	30.92 1.21 0.00	42.89 1.64 0.00	36.01 1.50 0.00	32.17 1.04 0.00	31.76 0.83 0.00	29.70 0.78 0.00	25.97 0.98 0.00	23.26 0.89 0.00
DUNKIRK___4 23566	24.60 0.61 0.00	23.86 0.33 0.00	20.55 0.16 0.00	19.36 -0.02 0.00	20.51 0.19 0.00	20.52 0.26 0.00	21.76 0.50 0.00	26.11 0.61 0.00	28.48 0.67 0.00	29.21 1.04 0.00	28.20 1.51 0.00	27.62 1.32 0.00	30.15 1.23 0.00	30.50 1.13 0.00	29.85 1.19 0.00	29.98 1.10 0.00	30.92 1.21 0.00	42.89 1.64 0.00	36.01 1.50 0.00	32.17 1.04 0.00	31.76 0.83 0.00	29.70 0.78 0.00	25.97 0.98 0.00	23.26 0.89 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	25.25 1.26 0.00	24.66 1.13 0.00	21.38 0.99 0.00	20.33 0.94 0.00	21.21 0.89 0.00	21.20 0.94 0.00	22.40 1.14 0.00	26.92 1.41 0.00	29.45 1.64 0.00	29.83 1.67 0.00	28.35 1.67 0.00	33.82 1.70 -5.82	30.93 1.98 -0.03	31.33 1.97 0.00	30.85 1.91 -0.28	30.95 1.97 -0.10	31.64 1.93 0.00	43.68 2.43 0.00	36.26 1.75 0.00	32.68 1.55 0.00	32.51 1.59 0.00	30.36 1.45 0.00	26.27 1.28 0.00	23.57 1.20 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	25.09 1.10 0.00	24.50 0.98 0.00	21.24 0.85 0.00	20.19 0.80 0.00	21.08 0.76 0.00	21.06 0.80 0.00	22.24 0.98 0.00	26.71 1.20 0.00	29.20 1.39 0.00	29.57 1.40 0.00	28.09 1.40 0.00	32.16 1.42 -4.44	30.60 1.65 -0.02	31.03 1.66 0.00	30.50 1.62 -0.22	30.64 1.68 -0.08	31.41 1.70 0.00	43.48 2.23 0.00	36.15 1.64 0.00	32.58 1.45 0.00	32.38 1.46 0.00	30.24 1.33 0.00	26.13 1.14 0.00	23.44 1.06 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	25.30 1.32 0.00	24.72 1.20 0.00	21.45 1.06 0.00	20.36 0.98 0.00	21.25 0.93 0.00	21.25 0.99 0.00	22.49 1.23 0.00	27.00 1.50 0.00	29.53 1.72 0.00	29.90 1.74 0.00	28.41 1.73 0.00	33.86 1.75 -5.82	30.99 2.03 -0.03	31.38 2.01 0.00	30.92 1.97 -0.28	31.00 2.02 -0.10	31.65 1.94 0.00	43.71 2.46 0.00	36.27 1.76 0.00	32.74 1.61 0.00	32.58 1.66 0.00	30.43 1.52 0.00	26.35 1.35 0.00	23.61 1.24 0.00
E179THST_13_KV_LOAD 356214	25.42 1.44 0.00	24.83 1.30 0.00	21.53 1.14 0.00	20.45 1.06 0.00	21.33 1.01 0.00	21.34 1.08 0.00	22.58 1.33 0.00	27.14 1.63 0.00	29.67 1.87 0.00	30.05 1.89 0.00	28.56 1.87 0.00	34.01 1.90 -5.82	31.15 2.19 -0.03	31.55 2.18 0.00	31.07 2.13 -0.28	31.17 2.19 -0.10	31.83 2.12 0.00	43.95 2.70 0.00	36.46 1.95 0.00	32.91 1.78 0.00	32.74 1.82 0.00	30.58 1.67 0.00	26.47 1.48 0.00	23.72 1.35 0.00
EAST HAMPTON___GT 23717	26.20 2.22 0.00	25.60 2.07 0.00	22.14 1.75 0.00	20.98 1.59 0.00	21.81 1.49 0.00	21.80 1.54 0.00	23.10 1.84 0.00	27.83 2.33 0.00	30.55 2.75 0.00	31.02 2.86 0.00	29.73 3.05 0.00	35.04 2.92 -5.82	32.18 3.22 -0.03	32.54 3.17 0.00	32.25 3.31 -0.29	42.19 3.57 -9.74	33.33 3.62 0.00	45.97 4.72 0.00	38.19 3.69 0.00	34.45 3.32 0.00	34.18 3.26 0.00	31.97 3.06 0.00	27.48 2.49 0.00	24.59 2.22 0.00
EAST RIVER___6 23660	25.32 1.33 0.00	24.70 1.17 0.00	21.42 1.03 0.00	20.37 0.99 0.00	21.24 0.92 0.00	21.24 0.98 0.00	22.47 1.21 0.00	27.04 1.54 0.00	29.57 1.76 0.00	29.98 1.81 0.00	28.49 1.80 0.00	33.97 1.85 -5.82	31.08 2.12 -0.03	31.47 2.10 0.00	31.01 2.06 -0.28	31.10 2.12 -0.10	31.80 2.09 0.00	43.87 2.62 0.00	36.34 1.83 0.00	32.72 1.59 0.00	32.54 1.62 0.00	30.40 1.49 0.00	26.32 1.33 0.00	23.61 1.24 0.00

EAST RIVER___7 23524	25.32 1.33 0.00	24.70 1.17 0.00	21.42 1.03 0.00	20.37 0.99 0.00	21.24 0.92 0.00	21.24 0.98 0.00	22.47 1.21 0.00	27.04 1.54 0.00	29.57 1.76 0.00	29.98 1.81 0.00	28.49 1.80 0.00	33.97 1.85 -5.82	31.08 2.12 -0.03	31.47 2.10 0.00	31.01 2.06 -0.28	31.10 2.12 -0.10	31.80 2.09 0.00	43.87 2.62 0.00	36.34 1.83 0.00	32.72 1.59 0.00	32.54 1.62 0.00	30.40 1.49 0.00	26.32 1.33 0.00	23.61 1.24 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	25.20 1.22 0.00	24.61 1.09 0.00	21.34 0.95 0.00	20.29 0.90 0.00	21.17 0.86 0.00	21.16 0.89 0.00	22.36 1.10 0.00	26.86 1.35 0.00	29.39 1.58 0.00	29.76 1.59 0.00	28.28 1.59 0.00	33.74 1.63 -5.80	30.85 1.90 -0.03	31.26 1.89 0.00	30.78 1.83 -0.28	30.86 1.88 -0.10	31.56 1.85 0.00	43.60 2.35 0.00	36.20 1.69 0.00	32.63 1.50 0.00	32.44 1.52 0.00	30.30 1.39 0.00	26.21 1.22 0.00	23.52 1.15 0.00
EAST_HAMPTON___DIESEL 23722	26.20 2.21 0.00	25.59 2.07 0.00	22.14 1.74 0.00	20.98 1.59 0.00	21.80 1.49 0.00	21.80 1.54 0.00	23.10 1.84 0.00	27.83 2.33 0.00	30.55 2.74 0.00	31.02 2.85 0.00	29.73 3.05 0.00	35.04 2.92 -5.82	32.18 3.23 -0.03	32.54 3.17 0.00	32.26 3.31 -0.29	42.19 3.57 -9.74	33.33 3.62 0.00	45.96 4.71 0.00	38.18 3.67 0.00	34.44 3.31 0.00	34.18 3.26 0.00	31.97 3.06 0.00	27.48 2.48 0.00	24.58 2.21 0.00
EAST_PULASKI___ESR 323781	24.20 0.21 0.00	23.66 0.13 0.00	20.45 0.06 0.00	19.42 0.03 0.00	20.40 0.08 0.00	20.37 0.11 0.00	21.39 0.13 0.00	25.48 -0.02 0.00	27.65 -0.16 0.00	27.88 -0.28 0.00	26.45 -0.24 0.00	26.04 -0.26 0.00	28.61 -0.31 0.00	29.07 -0.30 0.00	28.38 -0.27 0.00	28.62 -0.26 0.00	29.43 -0.28 0.00	41.05 -0.20 0.00	34.50 -0.02 0.00	31.21 0.07 0.00	31.15 0.23 0.00	29.21 0.29 0.00	25.21 0.22 0.00	22.58 0.21 0.00
EAST_RIVER___1 323558	25.32 1.33 0.00	24.70 1.18 0.00	21.42 1.03 0.00	20.37 0.99 0.00	21.25 0.93 0.00	21.24 0.99 0.00	22.46 1.20 0.00	27.00 1.50 0.00	29.56 1.74 0.00	29.95 1.78 0.00	28.45 1.76 0.00	33.94 1.82 -5.82	31.06 2.11 -0.03	31.46 2.09 0.00	30.97 2.02 -0.28	31.06 2.08 -0.10	31.75 2.04 0.00	43.80 2.55 0.00	36.30 1.79 0.00	32.69 1.56 0.00	32.54 1.61 0.00	30.39 1.48 0.00	26.32 1.33 0.00	23.61 1.24 0.00
EAST_RIVER___2 323559	25.32 1.33 0.00	24.70 1.17 0.00	21.42 1.03 0.00	20.37 0.99 0.00	21.24 0.92 0.00	21.24 0.98 0.00	22.47 1.21 0.00	27.04 1.54 0.00	29.57 1.76 0.00	29.98 1.81 0.00	28.49 1.80 0.00	33.97 1.85 -5.82	31.08 2.12 -0.03	31.47 2.10 0.00	31.01 2.06 -0.28	31.10 2.12 -0.10	31.80 2.09 0.00	43.87 2.62 0.00	36.34 1.83 0.00	32.72 1.59 0.00	32.54 1.62 0.00	30.40 1.49 0.00	26.32 1.33 0.00	23.61 1.24 0.00
EAST___DELAWARE_HYD 23607	24.58 0.59 0.00	24.01 0.49 0.00	20.85 0.46 0.00	19.80 0.41 0.00	20.68 0.36 0.00	20.68 0.42 0.00	21.84 0.58 0.00	26.22 0.72 0.00	28.67 0.86 0.00	29.02 0.86 0.00	27.55 0.87 0.00	30.30 0.86 -3.14	29.78 0.84 -0.02	30.17 0.81 0.00	29.75 0.94 -0.15	29.91 0.98 -0.05	30.86 1.14 0.00	42.79 1.54 0.00	35.58 1.07 0.00	32.06 0.93 0.00	31.84 0.92 0.00	29.75 0.84 0.00	25.70 0.71 0.00	23.03 0.66 0.00
EIGHT_POINT___WT_PWR 323820	24.47 0.48 0.00	23.92 0.40 0.00	20.62 0.23 0.00	19.49 0.11 0.00	20.59 0.27 0.00	20.58 0.32 0.00	21.83 0.57 0.00	26.29 0.79 0.00	28.79 0.98 0.00	29.42 1.25 0.00	28.31 1.63 0.00	27.72 1.42 0.00	30.24 1.31 0.00	30.57 1.20 0.00	29.77 1.12 0.00	29.96 1.08 0.00	31.04 1.33 0.00	43.00 1.75 0.00	36.10 1.59 0.00	32.22 1.09 0.00	31.72 0.80 0.00	29.69 0.78 0.00	25.95 0.96 0.00	23.20 0.83 0.00
ELBRIDGE_115KV_TB2 80188	24.04 0.05 0.00	23.52 0.00 0.00	20.37 -0.02 0.00	19.33 -0.05 0.00	20.29 -0.03 0.00	20.26 0.00 0.00	21.32 0.05 0.00	25.49 -0.02 0.00	27.73 -0.07 0.00	28.15 -0.01 0.00	26.80 0.11 0.00	26.40 0.10 0.00	28.99 0.06 0.00	29.42 0.05 0.00	28.76 0.10 0.00	29.01 0.13 0.00	29.86 0.15 0.00	41.47 0.22 0.00	34.75 0.23 0.00	31.25 0.12 0.00	31.00 0.08 0.00	28.98 0.07 0.00	25.06 0.07 0.00	22.42 0.05 0.00
ELEC_TRO_TEK 24086	25.40 1.41 0.00	24.79 1.26 0.00	21.49 1.09 0.00	20.39 1.01 0.00	21.27 0.95 0.00	21.25 0.99 0.00	22.48 1.22 0.00	27.03 1.53 0.00	29.61 1.80 0.00	29.99 1.83 0.00	28.66 1.97 0.00	34.08 1.96 -5.82	31.16 2.21 -0.03	31.57 2.20 0.00	31.16 2.21 -0.29	40.93 2.31 -9.74	31.99 2.28 0.00	44.02 2.77 0.00	36.55 2.04 0.00	32.97 1.84 0.00	32.78 1.86 0.00	30.69 1.78 0.00	26.50 1.51 0.00	23.75 1.38 0.00
ELLENBURG_WT_PWR 323604	24.50 0.51 0.00	24.03 0.50 0.00	20.85 0.46 0.00	19.90 0.51 0.00	20.84 0.52 0.00	20.77 0.51 0.00	21.78 0.52 0.00	26.20 0.70 0.00	28.50 0.69 0.00	28.77 0.61 0.00	27.22 0.54 0.00	26.83 0.53 0.00	29.46 0.53 0.00	29.97 0.61 0.00	29.19 0.53 0.00	29.41 0.53 0.00	30.34 0.63 0.00	42.38 1.13 0.00	35.61 1.10 0.00	32.17 1.04 0.00	31.90 0.98 0.00	29.74 0.83 0.00	25.54 0.55 0.00	22.76 0.39 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	24.52 0.53 0.00	23.75 0.22 0.00	20.44 0.04 0.00	19.22 -0.16 0.00	20.38 0.06 0.00	20.41 0.16 0.00	21.54 0.28 0.00	25.76 0.26 0.00	27.97 0.16 0.00	28.66 0.50 0.00	27.62 0.93 0.00	27.09 0.78 0.00	29.53 0.61 0.00	29.94 0.57 0.00	29.31 0.65 0.00	29.50 0.62 0.00	30.38 0.67 0.00	42.19 0.94 0.00	35.52 1.01 0.00	31.72 0.58 0.00	31.32 0.40 0.00	29.34 0.42 0.00	25.65 0.66 0.00	23.05 0.68 0.00
EMPIRE_CC_1 323656	24.52 0.53 0.00	24.07 0.54 0.00	20.90 0.50 0.00	19.88 0.50 0.00	20.76 0.44 0.00	20.63 0.37 0.00	21.66 0.40 0.00	25.84 0.34 0.00	28.27 0.47 0.00	28.51 0.35 0.00	26.92 0.23 0.00	16.46 0.27 10.11	29.26 0.39 0.05	29.80 0.43 0.00	28.45 0.28 0.50	28.89 0.18 0.17	29.93 0.21 0.00	41.44 0.19 0.00	34.66 0.15 0.00	31.47 0.34 0.00	31.35 0.43 0.00	29.36 0.45 0.00	25.26 0.27 0.00	22.72 0.35 0.00
EMPIRE_CC_2 323658	24.52 0.53 0.00	24.07 0.54 0.00	20.90 0.50 0.00	19.88 0.50 0.00	20.76 0.44 0.00	20.63 0.37 0.00	21.66 0.40 0.00	25.84 0.34 0.00	28.27 0.47 0.00	28.51 0.35 0.00	26.92 0.23 0.00	16.46 0.27 10.11	29.26 0.39 0.05	29.80 0.43 0.00	28.45 0.28 0.50	28.89 0.18 0.17	29.93 0.21 0.00	41.44 0.19 0.00	34.66 0.15 0.00	31.47 0.34 0.00	31.35 0.43 0.00	29.36 0.45 0.00	25.26 0.27 0.00	22.72 0.35 0.00
ENORWICH_115KV_TB1 80156	25.62 1.63 0.00	25.01 1.48 0.00	21.58 1.19 0.00	20.47 1.08 0.00	21.52 1.20 0.00	21.56 1.30 0.00	22.81 1.55 0.00	27.39 1.89 0.00	29.77 1.96 0.00	30.25 2.08 0.00	28.71 2.02 0.00	28.03 1.73 0.00	30.84 1.92 0.00	31.35 1.99 0.00	30.61 1.95 0.00	31.24 2.36 0.00	32.09 2.38 0.00	44.51 3.26 0.00	37.47 2.96 0.00	33.86 2.72 0.00	33.60 2.68 0.00	31.33 2.43 0.00	27.05 2.05 0.00	24.04 1.67 0.00

ERIE_ST__34_KV_TB1-2 80199	24.76 0.77 0.00	23.97 0.44 0.00	20.62 0.22 0.00	19.40 0.02 0.00	20.55 0.23 0.00	20.59 0.33 0.00	21.75 0.50 0.00	26.04 0.54 0.00	28.32 0.51 0.00	29.04 0.87 0.00	28.02 1.33 0.00	27.48 1.18 0.00	30.00 1.08 0.00	30.43 1.06 0.00	29.77 1.11 0.00	30.00 1.12 0.00	30.91 1.20 0.00	42.93 1.68 0.00	36.10 1.59 0.00	32.22 1.09 0.00	31.80 0.88 0.00	29.74 0.83 0.00	25.98 0.99 0.00	23.30 0.92 0.00
ERIE_WT_PWR 323693	24.60 0.61 0.00	23.84 0.31 0.00	20.54 0.14 0.00	19.33 -0.06 0.00	20.47 0.15 0.00	20.51 0.25 0.00	21.66 0.40 0.00	25.92 0.41 0.00	28.16 0.35 0.00	28.87 0.70 0.00	27.83 1.14 0.00	27.29 0.99 0.00	29.75 0.82 0.00	30.16 0.79 0.00	29.50 0.84 0.00	29.68 0.80 0.00	30.60 0.89 0.00	42.51 1.26 0.00	35.77 1.26 0.00	31.95 0.81 0.00	31.55 0.63 0.00	29.54 0.63 0.00	25.83 0.84 0.00	23.19 0.81 0.00
ESPRGFLD_115KV_TB1 80157	25.50 1.51 0.00	24.92 1.39 0.00	21.62 1.23 0.00	20.49 1.10 0.00	21.54 1.22 0.00	21.60 1.34 0.00	22.76 1.50 0.00	27.31 1.81 0.00	29.74 1.93 0.00	30.20 2.04 0.00	28.71 2.02 0.00	25.68 1.93 2.55	30.93 2.01 0.01	31.31 1.94 0.00	30.55 2.02 0.12	31.02 2.19 0.04	31.92 2.20 0.00	44.34 3.09 0.00	37.21 2.70 0.00	33.49 2.35 0.00	33.16 2.24 0.00	30.97 2.05 0.00	26.85 1.86 0.00	23.92 1.55 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	24.61 0.62 0.00	24.06 0.53 0.00	20.81 0.42 0.00	19.74 0.36 0.00	20.74 0.42 0.00	20.71 0.45 0.00	21.85 0.59 0.00	26.17 0.67 0.00	28.50 0.69 0.00	28.90 0.73 0.00	27.52 0.84 0.00	27.00 0.70 0.00	29.65 0.73 0.00	30.11 0.74 0.00	29.44 0.78 0.00	29.79 0.91 0.00	30.66 0.95 0.00	42.61 1.36 0.00	35.70 1.19 0.00	32.14 1.01 0.00	31.90 0.98 0.00	29.81 0.90 0.00	25.77 0.77 0.00	23.01 0.64 0.00
ETNA____115KV_TB2 80207	24.61 0.62 0.00	24.06 0.53 0.00	20.81 0.42 0.00	19.74 0.36 0.00	20.74 0.42 0.00	20.71 0.45 0.00	21.85 0.59 0.00	26.17 0.67 0.00	28.50 0.69 0.00	28.90 0.73 0.00	27.52 0.84 0.00	27.00 0.70 0.00	29.65 0.73 0.00	30.11 0.74 0.00	29.44 0.78 0.00	29.79 0.91 0.00	30.66 0.95 0.00	42.61 1.36 0.00	35.70 1.19 0.00	32.14 1.01 0.00	31.90 0.98 0.00	29.81 0.90 0.00	25.77 0.77 0.00	23.01 0.64 0.00
EUCLID____115KV_TB2 356179	23.88 -0.11 0.00	23.34 -0.19 0.00	20.19 -0.20 0.00	19.16 -0.22 0.00	20.11 -0.20 0.00	20.08 -0.17 0.00	21.10 -0.16 0.00	25.20 -0.30 0.00	27.46 -0.35 0.00	27.86 -0.31 0.00	26.51 -0.18 0.00	26.10 -0.20 0.00	28.71 -0.22 0.00	29.13 -0.24 0.00	28.44 -0.22 0.00	28.68 -0.20 0.00	29.52 -0.19 0.00	41.02 -0.23 0.00	34.35 -0.17 0.00	30.93 -0.21 0.00	30.69 -0.23 0.00	28.68 -0.24 0.00	24.80 -0.20 0.00	22.21 -0.16 0.00
E_CANADA_CAP_HY 24051	25.87 1.88 0.00	25.30 1.77 0.00	21.94 1.55 0.00	20.80 1.42 0.00	21.88 1.56 0.00	21.95 1.69 0.00	23.09 1.83 0.00	27.68 2.17 0.00	30.12 2.31 0.00	30.56 2.39 0.00	28.92 2.23 0.00	24.80 2.11 3.62	31.09 2.19 0.02	31.50 2.13 0.00	30.68 2.20 0.18	31.19 2.37 0.06	32.07 2.36 0.00	44.63 3.38 0.00	37.55 3.04 0.00	33.85 2.72 0.00	33.57 2.65 0.00	31.40 2.49 0.00	27.22 2.23 0.00	24.25 1.87 0.00
E_CANADA_MHWK_HY 24050	23.77 -0.22 0.00	23.25 -0.28 0.00	20.14 -0.25 0.00	19.17 -0.21 0.00	20.00 -0.32 0.00	19.85 -0.41 0.00	20.99 -0.27 0.00	25.18 -0.32 0.00	27.56 -0.25 0.00	27.75 -0.41 0.00	26.13 -0.56 0.00	25.79 -0.51 0.00	28.60 -0.32 0.00	29.14 -0.23 0.00	28.20 -0.46 0.00	28.31 -0.57 0.00	29.15 -0.56 0.00	40.50 -0.76 0.00	33.88 -0.63 0.00	30.97 -0.16 0.00	30.84 -0.08 0.00	28.77 -0.14 0.00	24.72 -0.27 0.00	22.13 -0.25 0.00
E_FISHKILL____LBMP 23776	25.05 1.06 0.00	24.49 0.96 0.00	21.25 0.86 0.00	20.20 0.81 0.00	21.08 0.76 0.00	21.05 0.79 0.00	22.22 0.96 0.00	26.65 1.15 0.00	29.16 1.35 0.00	29.50 1.34 0.00	28.00 1.32 0.00	33.61 1.34 -5.96	30.53 1.58 -0.03	30.95 1.58 0.00	30.47 1.52 -0.29	30.53 1.55 -0.10	31.25 1.54 0.00	43.20 1.95 0.00	35.92 1.41 0.00	32.41 1.28 0.00	32.23 1.31 0.00	30.12 1.21 0.00	26.03 1.04 0.00	23.37 1.00 0.00
FALCON____SEABRD_CC1 323796	24.83 0.84 0.00	24.32 0.79 0.00	21.11 0.72 0.00	20.15 0.76 0.00	21.09 0.77 0.00	21.01 0.75 0.00	22.05 0.79 0.00	26.52 1.02 0.00	28.84 1.04 0.00	29.10 0.93 0.00	27.52 0.83 0.00	27.14 0.84 0.00	29.81 0.88 0.00	30.34 0.97 0.00	29.53 0.87 0.00	29.74 0.86 0.00	30.74 1.02 0.00	42.97 1.72 0.00	36.15 1.64 0.00	32.68 1.55 0.00	32.40 1.48 0.00	30.18 1.27 0.00	25.88 0.88 0.00	23.07 0.69 0.00
FALCON____SEABRD_CC2 323797	24.83 0.84 0.00	24.32 0.79 0.00	21.11 0.72 0.00	20.15 0.76 0.00	21.09 0.77 0.00	21.01 0.75 0.00	22.05 0.79 0.00	26.52 1.02 0.00	28.84 1.04 0.00	29.10 0.93 0.00	27.52 0.83 0.00	27.14 0.84 0.00	29.81 0.88 0.00	30.34 0.97 0.00	29.53 0.87 0.00	29.74 0.86 0.00	30.74 1.02 0.00	42.97 1.72 0.00	36.15 1.64 0.00	32.68 1.55 0.00	32.40 1.48 0.00	30.18 1.27 0.00	25.88 0.88 0.00	23.07 0.69 0.00
FAR ROCKAWAY____4 23548	25.69 1.70 0.00	25.06 1.54 0.00	21.69 1.30 0.00	20.58 1.20 0.00	21.45 1.14 0.00	21.45 1.19 0.00	22.70 1.44 0.00	27.30 1.80 0.00	29.93 2.12 0.00	30.31 2.15 0.00	29.03 2.34 0.00	34.43 2.31 -5.82	31.59 2.64 -0.03	32.03 2.66 0.00	31.55 2.61 -0.29	41.38 2.77 -9.74	32.42 2.71 0.00	44.64 3.39 0.00	37.09 2.58 0.00	33.41 2.28 0.00	33.21 2.30 0.00	31.10 2.19 0.00	26.83 1.84 0.00	24.01 1.64 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	25.34 1.35 0.00	24.72 1.19 0.00	21.44 1.05 0.00	20.39 1.00 0.00	21.27 0.95 0.00	21.26 1.00 0.00	22.48 1.22 0.00	27.03 1.53 0.00	29.59 1.78 0.00	29.97 1.81 0.00	28.48 1.79 0.00	33.97 1.85 -5.82	31.09 2.14 -0.03	31.48 2.12 0.00	30.99 2.04 -0.28	31.08 2.11 -0.10	31.77 2.06 0.00	43.83 2.58 0.00	36.34 1.83 0.00	32.73 1.60 0.00	32.57 1.65 0.00	30.42 1.51 0.00	26.35 1.36 0.00	23.63 1.26 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	25.36 1.37 0.00	24.74 1.21 0.00	21.45 1.06 0.00	20.39 1.01 0.00	21.28 0.96 0.00	21.27 1.01 0.00	22.50 1.24 0.00	27.04 1.54 0.00	29.59 1.79 0.00	29.98 1.82 0.00	28.50 1.81 0.00	33.97 1.85 -5.82	31.10 2.15 -0.03	31.49 2.13 0.00	31.00 2.06 -0.28	31.09 2.11 -0.10	31.79 2.07 0.00	43.85 2.60 0.00	36.36 1.85 0.00	32.74 1.61 0.00	32.58 1.66 0.00	30.44 1.52 0.00	26.36 1.37 0.00	23.64 1.27 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	25.33 1.34 0.00	24.72 1.19 0.00	21.43 1.04 0.00	20.37 0.99 0.00	21.26 0.94 0.00	21.26 1.00 0.00	22.47 1.21 0.00	27.02 1.52 0.00	29.57 1.76 0.00	29.97 1.80 0.00	28.47 1.78 0.00	33.95 1.83 -5.82	31.07 2.12 -0.03	31.47 2.10 0.00	30.97 2.03 -0.28	31.07 2.09 -0.10	31.76 2.04 0.00	43.81 2.56 0.00	36.32 1.81 0.00	32.71 1.58 0.00	32.55 1.62 0.00	30.40 1.49 0.00	26.33 1.34 0.00	23.62 1.25 0.00

FARRAGUT___LBMP 323566	25.31 1.32 0.00	24.69 1.17 0.00	21.41 1.02 0.00	20.36 0.98 0.00	21.24 0.92 0.00	21.24 0.98 0.00	22.45 1.19 0.00	27.00 1.49 0.00	29.54 1.73 0.00	29.93 1.76 0.00	28.44 1.75 0.00	33.92 1.80 -5.82	31.04 2.08 -0.03	31.43 2.06 0.00	30.94 2.00 -0.28	31.03 2.05 -0.10	31.72 2.00 0.00	43.77 2.51 0.00	36.28 1.77 0.00	32.68 1.55 0.00	32.52 1.60 0.00	30.37 1.46 0.00	26.31 1.32 0.00	23.60 1.23 0.00
FENNER___WINDPWR 24204	24.42 0.43 0.00	23.91 0.39 0.00	20.69 0.30 0.00	19.65 0.26 0.00	20.62 0.30 0.00	20.60 0.34 0.00	21.78 0.52 0.00	26.04 0.54 0.00	28.32 0.51 0.00	28.65 0.48 0.00	27.22 0.54 0.00	26.82 0.52 0.00	29.63 0.71 0.00	30.12 0.75 0.00	29.33 0.67 0.00	29.61 0.74 0.00	30.43 0.72 0.00	42.34 1.09 0.00	35.46 0.94 0.00	32.00 0.87 0.00	31.75 0.83 0.00	29.63 0.72 0.00	25.56 0.57 0.00	22.83 0.46 0.00
FIBERTEK___ENERGY 23856	24.14 0.14 0.00	23.62 0.09 0.00	20.45 0.06 0.00	19.40 0.02 0.00	20.37 0.05 0.00	20.34 0.08 0.00	21.40 0.14 0.00	25.57 0.07 0.00	27.85 0.04 0.00	28.26 0.10 0.00	26.90 0.21 0.00	26.50 0.20 0.00	29.10 0.17 0.00	29.54 0.17 0.00	28.87 0.21 0.00	29.13 0.25 0.00	30.00 0.29 0.00	41.68 0.43 0.00	34.90 0.39 0.00	31.41 0.28 0.00	31.16 0.23 0.00	29.11 0.20 0.00	25.15 0.16 0.00	22.50 0.13 0.00
FITZPATRICK____ 23598	23.50 -0.50 0.00	22.99 -0.54 0.00	19.90 -0.49 0.00	18.89 -0.49 0.00	19.83 -0.49 0.00	19.79 -0.47 0.00	20.77 -0.49 0.00	24.79 -0.71 0.00	27.00 -0.81 0.00	27.39 -0.78 0.00	26.03 -0.66 0.00	25.64 -0.66 0.00	28.18 -0.75 0.00	28.62 -0.75 0.00	27.93 -0.73 0.00	28.16 -0.72 0.00	28.99 -0.73 0.00	40.26 -0.99 0.00	33.71 -0.80 0.00	30.37 -0.76 0.00	30.14 -0.78 0.00	28.18 -0.73 0.00	24.36 -0.64 0.00	21.83 -0.55 0.00
FLOWRFLD_69_KV_BK1 356044	25.57 1.59 0.00	24.97 1.44 0.00	21.64 1.25 0.00	20.51 1.13 0.00	21.36 1.04 0.00	21.32 1.06 0.00	22.53 1.27 0.00	27.12 1.61 0.00	29.76 1.95 0.00	30.15 1.99 0.00	28.85 2.17 0.00	34.23 2.11 -5.82	31.25 2.29 -0.03	31.67 2.31 0.00	31.44 2.49 -0.29	41.28 2.67 -9.74	32.41 2.70 0.00	44.51 3.26 0.00	36.99 2.48 0.00	33.35 2.22 0.00	33.14 2.21 0.00	31.06 2.15 0.00	26.83 1.84 0.00	24.03 1.65 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	25.36 1.37 0.00	24.77 1.24 0.00	21.48 1.09 0.00	20.41 1.02 0.00	21.31 0.99 0.00	21.28 1.02 0.00	22.48 1.22 0.00	26.99 1.49 0.00	29.53 1.72 0.00	29.89 1.72 0.00	28.38 1.69 0.00	32.53 1.71 -4.52	30.93 1.98 -0.02	31.40 2.04 0.00	30.86 1.98 -0.22	31.01 2.05 -0.08	31.80 2.09 0.00	44.01 2.76 0.00	36.60 2.09 0.00	32.99 1.85 0.00	32.77 1.85 0.00	30.59 1.68 0.00	26.42 1.43 0.00	23.68 1.31 0.00
FORT ORANGE____ 23900	24.53 0.54 0.00	24.04 0.52 0.00	20.88 0.48 0.00	19.85 0.46 0.00	20.74 0.42 0.00	20.64 0.38 0.00	21.75 0.49 0.00	26.02 0.52 0.00	28.47 0.66 0.00	28.74 0.57 0.00	27.15 0.46 5.01	21.76 0.47 0.03	29.47 0.57 0.00	29.99 0.62 0.00	28.92 0.51 0.25	29.27 0.48 0.09	30.24 0.53 0.00	41.88 0.63 0.00	35.08 0.57 0.00	31.79 0.65 0.00	31.66 0.73 0.00	29.62 0.71 0.00	25.49 0.49 0.00	22.86 0.49 0.00
FORT_DRUM_COGEN 23780	24.69 0.70 0.00	24.14 0.61 0.00	20.84 0.44 0.00	19.81 0.43 0.00	20.82 0.50 0.00	20.78 0.52 0.00	21.79 0.53 0.00	25.92 0.42 0.00	27.97 0.15 0.00	28.08 -0.09 0.00	26.51 -0.17 0.00	26.04 -0.26 0.00	28.61 -0.31 0.00	29.08 -0.29 0.00	28.37 -0.29 0.00	28.66 -0.22 0.00	29.55 -0.16 0.00	41.41 0.15 0.00	34.95 0.44 0.00	31.77 0.63 0.00	31.93 1.01 0.00	29.87 0.96 0.00	25.77 0.77 0.00	23.11 0.74 0.00
FPL_FAR_ROCK_GT1 24212	25.69 1.70 0.00	25.06 1.53 0.00	21.69 1.30 0.00	20.58 1.20 0.00	21.45 1.13 0.00	21.45 1.19 0.00	22.70 1.44 0.00	27.30 1.80 0.00	29.93 2.12 0.00	30.32 2.15 0.00	29.03 2.34 0.00	34.43 2.31 -5.82	31.59 2.64 -0.03	32.03 2.66 0.00	31.56 2.61 -0.29	41.39 2.77 -9.74	32.43 2.72 0.00	44.64 3.39 0.00	37.08 2.57 0.00	33.41 2.28 0.00	33.21 2.29 0.00	31.09 2.18 0.00	26.83 1.84 0.00	24.01 1.64 0.00
FPL_FAR_ROCK_GT2 23815	25.69 1.70 0.00	25.06 1.53 0.00	21.69 1.30 0.00	20.58 1.20 0.00	21.45 1.13 0.00	21.45 1.19 0.00	22.70 1.44 0.00	27.30 1.80 0.00	29.93 2.12 0.00	30.32 2.15 0.00	29.03 2.34 0.00	34.43 2.31 -5.82	31.59 2.64 -0.03	32.03 2.66 0.00	31.56 2.61 -0.29	41.39 2.77 -9.74	32.43 2.72 0.00	44.64 3.39 0.00	37.08 2.57 0.00	33.41 2.28 0.00	33.21 2.29 0.00	31.09 2.18 0.00	26.83 1.84 0.00	24.01 1.64 0.00
FRANKLIN_FALL_HYD 24054	24.42 0.43 0.00	23.97 0.44 0.00	20.78 0.38 0.00	19.83 0.44 0.00	20.80 0.48 0.00	20.74 0.48 0.00	21.72 0.46 0.00	26.14 0.64 0.00	28.42 0.61 0.00	28.69 0.52 0.00	27.16 0.47 0.00	26.76 0.46 0.00	29.36 0.43 0.00	29.88 0.51 0.00	29.08 0.42 0.00	29.33 0.45 0.00	30.19 0.48 0.00	42.13 0.88 0.00	35.44 0.93 0.00	31.99 0.85 0.00	31.77 0.85 0.00	29.62 0.71 0.00	25.52 0.52 0.00	22.75 0.38 0.00
FREEPORT_EQUS_GT1 23764	25.58 1.59 0.00	24.95 1.42 0.00	21.59 1.20 0.00	20.48 1.10 0.00	21.36 1.04 0.00	21.35 1.09 0.00	22.58 1.32 0.00	27.20 1.70 0.00	29.81 2.00 0.00	30.17 2.01 0.00	28.87 2.18 0.00	34.27 2.15 -5.82	31.36 2.41 -0.03	31.76 2.40 0.00	31.35 2.41 -0.29	41.16 2.55 -9.74	32.22 2.51 0.00	44.17 2.92 0.00	36.68 2.17 0.00	33.18 2.05 0.00	33.02 2.10 0.00	30.93 2.02 0.00	26.73 1.73 0.00	23.92 1.55 0.00
FREEPORT___CT2 23818	25.58 1.59 0.00	24.95 1.42 0.00	21.59 1.20 0.00	20.48 1.10 0.00	21.36 1.04 0.00	21.35 1.09 0.00	22.58 1.32 0.00	27.20 1.70 0.00	29.81 2.00 0.00	30.17 2.01 0.00	28.87 2.18 0.00	34.27 2.15 -5.82	31.36 2.41 -0.03	31.76 2.40 0.00	31.35 2.41 -0.29	41.16 2.55 -9.74	32.22 2.51 0.00	44.17 2.92 0.00	36.68 2.17 0.00	33.18 2.05 0.00	33.02 2.10 0.00	30.93 2.02 0.00	26.73 1.73 0.00	23.92 1.55 0.00
FRESHKLS_33_KV_LOAD 356253	25.36 1.37 0.00	24.76 1.24 0.00	21.47 1.08 0.00	20.40 1.01 0.00	21.28 0.96 0.00	21.29 1.04 0.00	22.52 1.26 0.00	27.04 1.54 0.00	29.53 1.72 0.00	29.92 1.75 0.00	28.47 1.78 0.00	33.90 1.79 -5.82	31.00 2.05 -0.03	31.32 1.96 0.00	30.89 1.94 -0.28	30.99 2.01 -0.10	31.69 1.97 0.00	43.74 2.49 0.00	36.28 1.77 0.00	32.71 1.57 0.00	32.46 1.54 0.00	30.37 1.46 0.00	26.40 1.41 0.00	23.66 1.29 0.00
FULTON COGEN____ 23766	23.74 -0.25 0.00	23.22 -0.31 0.00	20.09 -0.30 0.00	19.07 -0.32 0.00	20.03 -0.29 0.00	19.99 -0.27 0.00	20.99 -0.26 0.00	25.07 -0.43 0.00	27.31 -0.50 0.00	27.68 -0.49 0.00	26.34 -0.35 0.00	25.95 -0.35 0.00	28.57 -0.36 0.00	28.98 -0.38 0.00	28.32 -0.34 0.00	28.56 -0.32 0.00	29.41 -0.31 0.00	40.88 -0.37 0.00	34.21 -0.30 0.00	30.83 -0.31 0.00	30.60 -0.32 0.00	28.60 -0.31 0.00	24.72 -0.27 0.00	22.12 -0.25 0.00



FULTON___LFGE 323630	26.37 2.38 0.00	25.74 2.21 0.00	22.24 1.85 0.00	21.13 1.74 0.00	22.19 1.88 0.00	22.21 1.96 0.00	23.36 2.10 0.00	28.05 2.55 0.00	30.51 2.70 0.00	30.66 2.50 0.00	28.42 1.73 0.00	23.81 1.58 4.07	30.79 1.89 0.02	31.31 1.94 0.00	29.80 1.34 0.20	30.82 2.01 0.07	31.51 1.80 0.00	44.34 3.09 0.00	37.63 3.12 0.00	34.34 3.21 0.00	34.20 3.28 0.00	31.91 3.00 0.00	27.51 2.52 0.00	24.64 2.27 0.00
G.F.CEMENT___DRP 24184	25.44 1.45 0.00	24.95 1.43 0.00	21.62 1.23 0.00	20.56 1.18 0.00	21.49 1.18 0.00	21.43 1.18 0.00	22.55 1.29 0.00	27.04 1.54 0.00	29.54 1.73 0.00	29.67 1.50 0.00	27.77 1.09 0.00	21.12 1.11 6.30	30.16 1.27 0.03	30.81 1.44 0.00	29.61 1.26 0.31	29.80 1.03 0.11	30.95 1.24 0.00	43.11 1.86 0.00	36.33 1.82 0.00	32.98 1.85 0.00	33.10 2.18 0.00	30.96 2.04 0.00	26.56 1.57 0.00	23.83 1.46 0.00
GARDENVILLE___LBMP 24039	24.56 0.56 0.00	23.79 0.27 0.00	20.48 0.09 0.00	19.27 -0.11 0.00	20.42 0.11 0.00	20.45 0.20 0.00	21.60 0.34 0.00	25.85 0.34 0.00	28.08 0.27 0.00	28.78 0.61 0.00	27.74 1.05 0.00	27.19 0.89 0.00	29.66 0.73 0.00	30.06 0.70 0.00	29.43 0.77 0.00	29.61 0.73 0.00	30.51 0.80 0.00	42.35 1.10 0.00	35.64 1.14 0.00	31.84 0.70 0.00	31.44 0.52 0.00	29.43 0.52 0.00	25.74 0.75 0.00	23.11 0.74 0.00
GARDNVLA_35_KV_LD 355827	24.67 0.68 0.00	23.89 0.36 0.00	20.56 0.17 0.00	19.35 -0.04 0.00	20.49 0.18 0.00	20.53 0.27 0.00	21.67 0.41 0.00	25.93 0.43 0.00	28.18 0.37 0.00	28.89 0.73 0.00	27.85 1.17 0.00	27.32 1.02 0.00	29.83 0.90 0.00	30.23 0.87 0.00	29.59 0.93 0.00	29.80 0.92 0.00	30.71 0.99 0.00	42.64 1.39 0.00	35.89 1.38 0.00	32.05 0.92 0.00	31.64 0.71 0.00	29.62 0.71 0.00	25.89 0.89 0.00	23.23 0.85 0.00
GELCKHM___115KV_LOAD 80723	23.96 -0.02 0.00	23.43 -0.09 0.00	20.29 -0.10 0.00	19.25 -0.14 0.00	20.21 -0.11 0.00	20.18 -0.08 0.00	21.21 -0.05 0.00	25.34 -0.17 0.00	27.60 -0.21 0.00	28.01 -0.15 0.00	26.66 -0.03 0.00	26.25 -0.06 0.00	28.85 -0.08 0.00	29.28 -0.09 0.00	28.60 -0.06 0.00	28.85 -0.03 0.00	29.70 -0.01 0.00	41.27 0.02 0.00	34.55 0.05 0.00	31.11 -0.02 0.00	30.87 -0.05 0.00	28.84 -0.07 0.00	24.93 -0.07 0.00	22.31 -0.06 0.00
GENERAL___MILLS 23808	24.62 0.63 0.00	23.84 0.32 0.00	20.52 0.13 0.00	19.31 -0.08 0.00	20.47 0.15 0.00	20.50 0.24 0.00	21.64 0.38 0.00	25.89 0.39 0.00	28.14 0.33 0.00	28.84 0.67 0.00	27.80 1.11 0.00	27.26 0.96 0.00	29.74 0.82 0.00	30.15 0.78 0.00	29.50 0.85 0.00	29.70 0.82 0.00	30.60 0.89 0.00	42.48 1.23 0.00	35.76 1.25 0.00	31.93 0.80 0.00	31.53 0.61 0.00	29.52 0.61 0.00	25.81 0.82 0.00	23.17 0.80 0.00
GE_PLASTICS___DRP 24183	24.52 0.53 0.00	24.04 0.51 0.00	20.87 0.48 0.00	19.84 0.46 0.00	20.74 0.42 0.00	20.64 0.38 0.00	21.74 0.48 0.00	26.02 0.51 0.00	28.45 0.65 0.00	28.75 0.58 0.00	27.18 0.50 4.06	22.76 0.51 0.02	29.53 0.63 0.00	30.04 0.67 0.00	29.03 0.57 0.20	29.34 0.53 0.07	30.28 0.57 0.00	41.92 0.67 0.00	35.06 0.55 0.00	31.73 0.60 0.00	31.58 0.66 0.00	29.55 0.64 0.00	25.46 0.47 0.00	22.84 0.47 0.00
GILBOA___1 23756	24.65 0.66 0.00	24.14 0.61 0.00	21.01 0.62 0.00	19.97 0.58 0.00	20.87 0.55 0.00	20.74 0.48 0.00	21.85 0.59 0.00	26.18 0.68 0.00	28.61 0.80 0.00	28.95 0.78 0.00	27.45 0.76 0.00	27.06 0.76 0.00	29.81 0.89 0.00	30.28 0.91 0.00	29.50 0.84 0.00	29.71 0.83 0.00	30.51 0.80 0.00	42.18 0.93 0.00	35.22 0.71 0.00	31.86 0.73 0.00	31.69 0.77 0.00	29.68 0.76 0.00	25.63 0.63 0.00	22.99 0.62 0.00
GILBOA___2 23757	24.65 0.66 0.00	24.14 0.61 0.00	21.01 0.62 0.00	19.97 0.58 0.00	20.87 0.55 0.00	20.74 0.48 0.00	21.85 0.59 0.00	26.18 0.68 0.00	28.61 0.80 0.00	28.95 0.78 0.00	27.45 0.76 0.00	27.06 0.76 0.00	29.81 0.89 0.00	30.28 0.91 0.00	29.50 0.84 0.00	29.71 0.83 0.00	30.51 0.80 0.00	42.18 0.93 0.00	35.22 0.71 0.00	31.86 0.73 0.00	31.69 0.77 0.00	29.68 0.76 0.00	25.63 0.63 0.00	22.99 0.62 0.00
GILBOA___3 23758	24.65 0.66 0.00	24.14 0.61 0.00	21.01 0.62 0.00	19.97 0.58 0.00	20.87 0.55 0.00	20.74 0.48 0.00	21.85 0.59 0.00	26.18 0.68 0.00	28.61 0.80 0.00	28.95 0.78 0.00	27.45 0.76 0.00	27.06 0.76 0.00	29.81 0.89 0.00	30.28 0.91 0.00	29.50 0.84 0.00	29.71 0.83 0.00	30.51 0.80 0.00	42.18 0.93 0.00	35.22 0.71 0.00	31.86 0.73 0.00	31.69 0.77 0.00	29.68 0.76 0.00	25.63 0.63 0.00	22.99 0.62 0.00
GILBOA___4 23759	24.65 0.66 0.00	24.14 0.61 0.00	21.01 0.62 0.00	19.97 0.58 0.00	20.87 0.55 0.00	20.74 0.48 0.00	21.85 0.59 0.00	26.18 0.68 0.00	28.61 0.80 0.00	28.95 0.78 0.00	27.45 0.76 0.00	27.06 0.76 0.00	29.81 0.89 0.00	30.28 0.91 0.00	29.50 0.84 0.00	29.71 0.83 0.00	30.51 0.80 0.00	42.18 0.93 0.00	35.22 0.71 0.00	31.86 0.73 0.00	31.69 0.77 0.00	29.68 0.76 0.00	25.63 0.63 0.00	22.99 0.62 0.00
GILBOA___ 23599	24.65 0.66 0.00	24.14 0.61 0.00	21.01 0.62 0.00	19.97 0.59 0.00	20.87 0.55 0.00	20.74 0.48 0.00	21.85 0.59 0.00	26.18 0.68 0.00	28.61 0.80 0.00	28.95 0.78 0.00	27.44 0.76 0.00	27.06 0.76 0.00	29.81 0.89 0.00	30.28 0.91 0.00	29.50 0.84 0.00	29.71 0.83 0.00	30.51 0.80 0.00	42.18 0.93 0.00	35.22 0.71 0.00	31.86 0.73 0.00	31.69 0.77 0.00	29.67 0.76 0.00	25.63 0.63 0.00	22.98 0.62 0.00
GINNA___ 23603	23.18 -0.81 0.00	22.53 -0.99 0.00	19.44 -0.95 0.00	18.35 -1.03 0.00	19.38 -0.94 0.00	19.39 -0.87 0.00	20.43 -0.83 0.00	24.46 -1.04 0.00	26.62 -1.19 0.00	27.14 -1.03 0.00	25.95 -0.74 0.00	25.55 -0.76 0.00	28.00 -0.93 0.00	28.41 -0.95 0.00	27.76 -0.90 0.00	28.01 -0.87 0.00	28.86 -0.85 0.00	40.19 -1.06 0.00	33.79 -0.72 0.00	30.32 -0.81 0.00	29.98 -0.94 0.00	27.99 -0.92 0.00	24.25 -0.75 0.00	21.69 -0.68 0.00
GLEN PARK___ 23778	24.77 0.78 0.00	24.21 0.69 0.00	20.90 0.51 0.00	19.87 0.48 0.00	20.88 0.56 0.00	20.86 0.60 0.00	21.87 0.61 0.00	26.00 0.50 0.00	28.02 0.20 0.00	28.14 -0.02 0.00	26.60 -0.09 0.00	26.11 -0.20 0.00	28.67 -0.25 0.00	29.11 -0.26 0.00	28.38 -0.28 0.00	28.68 -0.20 0.00	29.59 -0.12 0.00	41.49 0.24 0.00	35.05 0.54 0.00	31.90 0.76 0.00	32.14 1.23 0.00	30.07 1.16 0.00	25.91 0.92 0.00	23.23 0.85 0.00
GLENDALE_27_KV_LOAD 356172	25.45 1.46 0.00	24.84 1.32 0.00	21.54 1.15 0.00	20.48 1.10 0.00	21.37 1.05 0.00	21.36 1.11 0.00	22.62 1.36 0.00	27.18 1.68 0.00	29.76 1.96 0.00	30.16 1.99 0.00	28.66 1.98 0.00	34.13 2.01 -5.82	31.28 2.33 -0.03	31.67 2.31 0.00	31.19 2.24 -0.28	31.30 2.32 -0.10	31.97 2.25 0.00	44.11 2.86 0.00	36.56 2.05 0.00	32.95 1.82 0.00	32.78 1.86 0.00	30.62 1.70 0.00	26.51 1.52 0.00	23.75 1.38 0.00

GLENWOOD_IC_1_G5 23712	25.46 1.47 0.00	24.85 1.32 0.00	21.54 1.14 0.00	20.45 1.06 0.00	21.33 1.01 0.00	21.32 1.06 0.00	22.54 1.28 0.00	27.11 1.61 0.00	29.70 1.89 0.00	30.09 1.92 0.00	28.71 2.02 0.00	34.15 2.03 -5.82	31.28 2.32 -0.03	31.69 2.33 0.00	31.25 2.31 -0.29	41.01 2.39 -9.74	31.87 2.15 0.00	43.90 2.65 0.00	36.44 1.93 0.00	33.05 1.92 0.00	32.86 1.94 0.00	30.74 1.82 0.00	26.55 1.55 0.00	23.78 1.41 0.00
GLENWOOD_IC_2_G1 23688	25.35 1.36 0.00	24.75 1.22 0.00	21.45 1.06 0.00	20.37 0.99 0.00	21.25 0.93 0.00	21.24 0.98 0.00	22.45 1.19 0.00	26.99 1.48 0.00	29.56 1.75 0.00	29.94 1.77 0.00	28.52 1.84 0.00	33.97 1.86 -5.82	31.08 2.12 -0.03	31.49 2.12 0.00	31.04 2.09 -0.29	40.78 2.17 -9.74	31.83 2.11 0.00	43.88 2.63 0.00	36.43 1.92 0.00	32.86 1.73 0.00	32.67 1.75 0.00	30.54 1.63 0.00	26.40 1.41 0.00	23.67 1.30 0.00
GLENWOOD_IC_3_G1 23689	25.35 1.36 0.00	24.75 1.22 0.00	21.45 1.06 0.00	20.37 0.99 0.00	21.25 0.93 0.00	21.24 0.98 0.00	22.45 1.19 0.00	26.99 1.48 0.00	29.56 1.75 0.00	29.94 1.77 0.00	28.52 1.84 0.00	33.97 1.86 -5.82	31.08 2.12 -0.03	31.49 2.12 0.00	31.04 2.09 -0.29	40.78 2.17 -9.74	31.83 2.11 0.00	43.88 2.63 0.00	36.43 1.92 0.00	32.86 1.73 0.00	32.67 1.75 0.00	30.54 1.63 0.00	26.40 1.41 0.00	23.67 1.30 0.00
GLENWOOD___4 23550	25.46 1.47 0.00	24.85 1.32 0.00	21.54 1.14 0.00	20.45 1.06 0.00	21.33 1.01 0.00	21.32 1.06 0.00	22.54 1.28 0.00	27.11 1.61 0.00	29.70 1.89 0.00	30.09 1.92 0.00	28.71 2.02 0.00	34.15 2.03 -5.82	31.28 2.32 -0.03	31.69 2.33 0.00	31.25 2.31 -0.29	41.01 2.39 -9.74	31.94 2.23 0.00	44.01 2.75 0.00	36.53 2.02 0.00	33.06 1.93 0.00	32.86 1.94 0.00	30.74 1.82 0.00	26.55 1.55 0.00	23.78 1.41 0.00
GLENWOOD___5 23614	25.46 1.47 0.00	24.85 1.32 0.00	21.54 1.14 0.00	20.45 1.06 0.00	21.33 1.01 0.00	21.32 1.06 0.00	22.54 1.28 0.00	27.11 1.61 0.00	29.70 1.89 0.00	30.09 1.92 0.00	28.71 2.02 0.00	34.15 2.03 -5.82	31.28 2.32 -0.03	31.69 2.33 0.00	31.25 2.31 -0.29	41.01 2.39 -9.74	31.94 2.23 0.00	44.01 2.75 0.00	36.53 2.02 0.00	33.06 1.93 0.00	32.86 1.94 0.00	30.74 1.82 0.00	26.55 1.55 0.00	23.78 1.41 0.00
GLOBAL GREEN_PORT_GT1 23814	26.13 2.14 0.00	25.52 1.99 0.00	22.07 1.68 0.00	20.91 1.53 0.00	21.74 1.42 0.00	21.72 1.47 0.00	23.02 1.76 0.00	27.74 2.23 0.00	30.47 2.66 0.00	30.92 2.75 0.00	29.63 2.94 0.00	34.94 2.82 -5.82	32.05 3.09 -0.03	32.43 3.06 0.00	32.16 3.22 -0.29	42.08 3.47 -9.74	33.24 3.53 0.00	45.85 4.60 0.00	38.11 3.60 0.00	34.38 3.25 0.00	34.11 3.19 0.00	31.90 2.99 0.00	27.42 2.43 0.00	24.52 2.15 0.00
GLOBE___DSASP 323697	24.04 0.05 0.00	23.25 -0.27 0.00	19.98 -0.41 0.00	18.78 -0.61 0.00	19.94 -0.38 0.00	19.97 -0.29 0.00	20.99 -0.27 0.00	25.04 -0.46 0.00	26.97 -0.84 0.00	27.58 -0.58 0.00	26.54 -0.15 0.00	26.03 -0.27 0.00	28.34 -0.58 0.00	28.78 -0.59 0.00	28.21 -0.45 0.00	28.39 -0.49 0.00	29.22 -0.50 0.00	40.53 -0.72 0.00	34.21 -0.30 0.00	30.55 -0.58 0.00	30.19 -0.73 0.00	28.34 -0.57 0.00	24.84 -0.15 0.00	22.46 0.09 0.00
GOETHSLN___LBMP 323567	25.21 1.22 0.00	24.61 1.09 0.00	21.33 0.94 0.00	20.28 0.90 0.00	21.16 0.84 0.00	21.15 0.89 0.00	22.35 1.09 0.00	26.85 1.35 0.00	29.38 1.57 0.00	29.76 1.59 0.00	28.28 1.59 0.00	33.76 1.64 -5.82	30.89 1.94 -0.03	31.25 1.89 0.00	30.74 1.79 -0.28	30.82 1.84 -0.10	31.52 1.81 0.00	43.49 2.24 0.00	36.04 1.53 0.00	32.47 1.34 0.00	32.30 1.39 0.00	30.16 1.26 0.00	26.15 1.16 0.00	23.48 1.11 0.00
GOLAH___69_KV_TB 1_2 80279	24.66 0.67 0.00	23.91 0.39 0.00	20.59 0.20 0.00	19.41 0.03 0.00	20.54 0.22 0.00	20.56 0.30 0.00	21.68 0.42 0.00	25.93 0.43 0.00	28.15 0.34 0.00	28.71 0.54 0.00	27.53 0.84 0.00	27.02 0.72 0.00	29.64 0.72 0.00	30.09 0.73 0.00	29.32 0.66 0.00	29.59 0.71 0.00	30.42 0.71 0.00	42.34 1.09 0.00	35.64 1.13 0.00	31.96 0.83 0.00	31.61 0.69 0.00	29.57 0.66 0.00	25.70 0.71 0.00	23.04 0.66 0.00
GOODYEAR_LAKE_HYD 323669	25.04 1.05 0.00	24.45 0.93 0.00	21.22 0.83 0.00	20.14 0.75 0.00	21.11 0.79 0.00	21.11 0.85 0.00	22.26 1.00 0.00	26.72 1.22 0.00	29.15 1.34 0.00	29.58 1.41 0.00	28.13 1.45 0.00	27.70 1.39 0.00	30.45 1.52 0.00	30.87 1.50 0.00	30.16 1.50 0.00	30.47 1.59 0.00	31.32 1.61 0.00	43.43 2.18 0.00	36.33 1.82 0.00	32.74 1.60 0.00	32.45 1.53 0.00	30.31 1.40 0.00	26.24 1.24 0.00	23.43 1.06 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	24.48 0.49 0.00	23.89 0.36 0.00	20.68 0.29 0.00	19.61 0.23 0.00	20.60 0.28 0.00	20.55 0.29 0.00	21.73 0.47 0.00	26.04 0.53 0.00	28.41 0.60 0.00	28.88 0.71 0.00	27.59 0.90 0.00	27.10 0.80 0.00	29.75 0.82 0.00	30.14 0.77 0.00	29.46 0.81 0.00	29.70 0.83 0.00	30.58 0.86 0.00	42.38 1.13 0.00	35.40 0.89 0.00	31.81 0.68 0.00	31.54 0.62 0.00	29.48 0.57 0.00	25.60 0.61 0.00	22.88 0.51 0.00
GOUDEY___7 23579	24.49 0.50 0.00	23.91 0.38 0.00	20.69 0.30 0.00	19.63 0.24 0.00	20.61 0.30 0.00	20.57 0.31 0.00	21.74 0.48 0.00	26.06 0.55 0.00	28.43 0.62 0.00	28.90 0.74 0.00	27.62 0.93 0.00	27.13 0.83 0.00	29.78 0.86 0.00	30.18 0.81 0.00	29.50 0.84 0.00	29.74 0.86 0.00	30.62 0.90 0.00	42.43 1.18 0.00	35.45 0.94 0.00	31.85 0.72 0.00	31.57 0.66 0.00	29.51 0.60 0.00	25.63 0.63 0.00	22.90 0.53 0.00
GOUDEY___8 23580	24.48 0.49 0.00	23.89 0.36 0.00	20.68 0.29 0.00	19.61 0.23 0.00	20.60 0.28 0.00	20.55 0.29 0.00	21.73 0.47 0.00	26.04 0.53 0.00	28.41 0.60 0.00	28.88 0.71 0.00	27.59 0.90 0.00	27.10 0.80 0.00	29.75 0.82 0.00	30.14 0.77 0.00	29.46 0.81 0.00	29.70 0.83 0.00	30.58 0.86 0.00	42.38 1.13 0.00	35.40 0.89 0.00	31.81 0.68 0.00	31.54 0.62 0.00	29.48 0.57 0.00	25.60 0.61 0.00	22.88 0.51 0.00
GOWANUS_GT1_1 24077	25.41 1.42 0.00	24.81 1.28 0.00	21.53 1.13 0.00	20.45 1.07 0.00	21.33 1.02 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.59 1.91 0.00	34.06 1.94 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.19 -0.10	31.84 2.13 0.00	43.95 2.69 0.00	36.43 1.92 0.00	32.85 1.72 0.00	32.67 1.75 0.00	30.53 1.62 0.00	26.46 1.47 0.00	23.71 1.34 0.00
GOWANUS_GT1_2 24078	25.41 1.42 0.00	24.81 1.28 0.00	21.53 1.13 0.00	20.45 1.07 0.00	21.33 1.02 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.59 1.91 0.00	34.06 1.94 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.19 -0.10	31.84 2.13 0.00	43.95 2.69 0.00	36.43 1.92 0.00	32.85 1.72 0.00	32.67 1.75 0.00	30.53 1.62 0.00	26.46 1.47 0.00	23.71 1.34 0.00

GOWANUS_GT1_3 24079	25.41 1.42 0.00	24.81 1.28 0.00	21.53 1.13 0.00	20.45 1.07 0.00	21.33 1.02 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.59 1.91 0.00	34.06 1.94 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.19 -0.10	31.84 2.13 0.00	43.95 2.69 0.00	36.43 1.92 0.00	32.85 1.72 0.00	32.67 1.75 0.00	30.53 1.62 0.00	26.46 1.47 0.00	23.71 1.34 0.00
GOWANUS_GT1_4 24080	25.41 1.42 0.00	24.81 1.28 0.00	21.53 1.13 0.00	20.45 1.07 0.00	21.33 1.02 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.59 1.91 0.00	34.06 1.94 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.19 -0.10	31.84 2.13 0.00	43.95 2.69 0.00	36.43 1.92 0.00	32.85 1.72 0.00	32.67 1.75 0.00	30.53 1.62 0.00	26.46 1.47 0.00	23.71 1.34 0.00
GOWANUS_GT1_5 24084	25.41 1.42 0.00	24.81 1.28 0.00	21.53 1.13 0.00	20.45 1.07 0.00	21.33 1.02 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.59 1.91 0.00	34.06 1.94 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.19 -0.10	31.84 2.13 0.00	43.95 2.69 0.00	36.43 1.92 0.00	32.85 1.72 0.00	32.67 1.75 0.00	30.53 1.62 0.00	26.46 1.47 0.00	23.71 1.34 0.00
GOWANUS_GT1_6 24111	25.41 1.42 0.00	24.81 1.28 0.00	21.53 1.13 0.00	20.45 1.07 0.00	21.33 1.02 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.59 1.91 0.00	34.06 1.94 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.19 -0.10	31.84 2.13 0.00	43.95 2.69 0.00	36.43 1.92 0.00	32.85 1.72 0.00	32.67 1.75 0.00	30.53 1.62 0.00	26.46 1.47 0.00	23.71 1.34 0.00
GOWANUS_GT1_7 24112	25.41 1.42 0.00	24.81 1.28 0.00	21.53 1.13 0.00	20.45 1.07 0.00	21.33 1.02 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.59 1.91 0.00	34.06 1.94 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.19 -0.10	31.84 2.13 0.00	43.95 2.69 0.00	36.43 1.92 0.00	32.85 1.72 0.00	32.67 1.75 0.00	30.53 1.62 0.00	26.46 1.47 0.00	23.71 1.34 0.00
GOWANUS_GT1_8 24113	25.41 1.42 0.00	24.81 1.28 0.00	21.53 1.13 0.00	20.45 1.07 0.00	21.33 1.02 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.59 1.91 0.00	34.06 1.94 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.19 -0.10	31.84 2.13 0.00	43.95 2.69 0.00	36.43 1.92 0.00	32.85 1.72 0.00	32.67 1.75 0.00	30.53 1.62 0.00	26.46 1.47 0.00	23.71 1.34 0.00
GOWANUS_GT2_1 24114	25.42 1.43 0.00	24.81 1.29 0.00	21.52 1.13 0.00	20.45 1.07 0.00	21.33 1.01 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.60 1.91 0.00	34.05 1.93 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.18 -0.10	31.85 2.14 0.00	43.95 2.70 0.00	36.43 1.92 0.00	32.86 1.72 0.00	32.66 1.74 0.00	30.53 1.61 0.00	26.46 1.46 0.00	23.71 1.34 0.00
GOWANUS_GT2_2 24115	25.42 1.43 0.00	24.81 1.29 0.00	21.52 1.13 0.00	20.45 1.07 0.00	21.33 1.01 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.60 1.91 0.00	34.05 1.93 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.18 -0.10	31.85 2.14 0.00	43.95 2.70 0.00	36.43 1.92 0.00	32.86 1.72 0.00	32.66 1.74 0.00	30.53 1.61 0.00	26.46 1.46 0.00	23.71 1.34 0.00
GOWANUS_GT2_3 24116	25.42 1.43 0.00	24.81 1.29 0.00	21.52 1.13 0.00	20.45 1.07 0.00	21.33 1.01 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.60 1.91 0.00	34.05 1.93 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.18 -0.10	31.85 2.14 0.00	43.95 2.70 0.00	36.43 1.92 0.00	32.86 1.72 0.00	32.66 1.74 0.00	30.53 1.61 0.00	26.46 1.46 0.00	23.71 1.34 0.00
GOWANUS_GT2_4 24117	25.42 1.43 0.00	24.81 1.29 0.00	21.52 1.13 0.00	20.45 1.07 0.00	21.33 1.01 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.60 1.91 0.00	34.05 1.93 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.18 -0.10	31.85 2.14 0.00	43.95 2.70 0.00	36.43 1.92 0.00	32.86 1.72 0.00	32.66 1.74 0.00	30.53 1.61 0.00	26.46 1.46 0.00	23.71 1.34 0.00
GOWANUS_GT2_5 24118	25.42 1.43 0.00	24.81 1.29 0.00	21.52 1.13 0.00	20.45 1.07 0.00	21.33 1.01 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.60 1.91 0.00	34.05 1.93 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.18 -0.10	31.85 2.14 0.00	43.95 2.70 0.00	36.43 1.92 0.00	32.86 1.72 0.00	32.66 1.74 0.00	30.53 1.61 0.00	26.46 1.46 0.00	23.71 1.34 0.00
GOWANUS_GT2_6 24119	25.42 1.43 0.00	24.81 1.29 0.00	21.52 1.13 0.00	20.45 1.07 0.00	21.33 1.01 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.60 1.91 0.00	34.05 1.93 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.18 -0.10	31.85 2.14 0.00	43.95 2.70 0.00	36.43 1.92 0.00	32.86 1.72 0.00	32.66 1.74 0.00	30.53 1.61 0.00	26.46 1.46 0.00	23.71 1.34 0.00
GOWANUS_GT2_7 24120	25.42 1.43 0.00	24.81 1.29 0.00	21.52 1.13 0.00	20.45 1.07 0.00	21.33 1.01 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.60 1.91 0.00	34.05 1.93 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.18 -0.10	31.85 2.14 0.00	43.95 2.70 0.00	36.43 1.92 0.00	32.86 1.72 0.00	32.66 1.74 0.00	30.53 1.61 0.00	26.46 1.46 0.00	23.71 1.34 0.00
GOWANUS_GT2_8 24121	25.42 1.43 0.00	24.81 1.29 0.00	21.52 1.13 0.00	20.45 1.07 0.00	21.33 1.01 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.60 1.91 0.00	34.05 1.93 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.18 -0.10	31.85 2.14 0.00	43.95 2.70 0.00	36.43 1.92 0.00	32.86 1.72 0.00	32.66 1.74 0.00	30.53 1.61 0.00	26.46 1.46 0.00	23.71 1.34 0.00
GOWANUS_GT3_1 24122	25.42 1.43 0.00	24.81 1.29 0.00	21.52 1.13 0.00	20.45 1.07 0.00	21.33 1.01 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.60 1.91 0.00	34.05 1.93 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.18 -0.10	31.85 2.13 0.00	43.95 2.70 0.00	36.43 1.92 0.00	32.86 1.72 0.00	32.66 1.74 0.00	30.53 1.61 0.00	26.46 1.46 0.00	23.71 1.34 0.00

GOWANUS_GT3_2 24123	25.42 1.43 0.00	24.81 1.29 0.00	21.52 1.13 0.00	20.45 1.07 0.00	21.33 1.01 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.60 1.91 0.00	34.05 1.93 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.18 -0.10	31.85 2.13 0.00	43.95 2.70 0.00	36.43 1.92 0.00	32.86 1.72 0.00	32.66 1.74 0.00	30.53 1.61 0.00	26.46 1.46 0.00	23.71 1.34 0.00
GOWANUS_GT3_3 24124	25.42 1.43 0.00	24.81 1.29 0.00	21.52 1.13 0.00	20.45 1.07 0.00	21.33 1.01 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.60 1.91 0.00	34.05 1.93 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.18 -0.10	31.85 2.13 0.00	43.95 2.70 0.00	36.43 1.92 0.00	32.86 1.72 0.00	32.66 1.74 0.00	30.53 1.61 0.00	26.46 1.46 0.00	23.71 1.34 0.00
GOWANUS_GT3_4 24125	25.42 1.43 0.00	24.81 1.29 0.00	21.52 1.13 0.00	20.45 1.07 0.00	21.33 1.01 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.60 1.91 0.00	34.05 1.93 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.18 -0.10	31.85 2.13 0.00	43.95 2.70 0.00	36.43 1.92 0.00	32.86 1.72 0.00	32.66 1.74 0.00	30.53 1.61 0.00	26.46 1.46 0.00	23.71 1.34 0.00
GOWANUS_GT3_5 24126	25.42 1.43 0.00	24.81 1.29 0.00	21.52 1.13 0.00	20.45 1.07 0.00	21.33 1.01 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.60 1.91 0.00	34.05 1.93 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.18 -0.10	31.85 2.13 0.00	43.95 2.70 0.00	36.43 1.92 0.00	32.86 1.72 0.00	32.66 1.74 0.00	30.53 1.61 0.00	26.46 1.46 0.00	23.71 1.34 0.00
GOWANUS_GT3_6 24127	25.42 1.43 0.00	24.81 1.29 0.00	21.52 1.13 0.00	20.45 1.07 0.00	21.33 1.01 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.60 1.91 0.00	34.05 1.93 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.18 -0.10	31.85 2.13 0.00	43.95 2.70 0.00	36.43 1.92 0.00	32.86 1.72 0.00	32.66 1.74 0.00	30.53 1.61 0.00	26.46 1.46 0.00	23.71 1.34 0.00
GOWANUS_GT3_7 24128	25.42 1.43 0.00	24.81 1.29 0.00	21.52 1.13 0.00	20.45 1.07 0.00	21.33 1.01 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.60 1.91 0.00	34.05 1.93 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.18 -0.10	31.85 2.13 0.00	43.95 2.70 0.00	36.43 1.92 0.00	32.86 1.72 0.00	32.66 1.74 0.00	30.53 1.61 0.00	26.46 1.46 0.00	23.71 1.34 0.00
GOWANUS_GT3_8 24129	25.42 1.43 0.00	24.81 1.29 0.00	21.52 1.13 0.00	20.45 1.07 0.00	21.33 1.01 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.60 1.91 0.00	34.05 1.93 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.18 -0.10	31.85 2.13 0.00	43.95 2.70 0.00	36.43 1.92 0.00	32.86 1.72 0.00	32.66 1.74 0.00	30.53 1.61 0.00	26.46 1.46 0.00	23.71 1.34 0.00
GOWANUS_GT4_1 24130	25.41 1.42 0.00	24.81 1.28 0.00	21.53 1.13 0.00	20.45 1.07 0.00	21.33 1.02 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.59 1.91 0.00	34.06 1.94 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.19 -0.10	31.84 2.13 0.00	43.95 2.69 0.00	36.43 1.92 0.00	32.85 1.72 0.00	32.67 1.75 0.00	30.53 1.62 0.00	26.46 1.47 0.00	23.71 1.34 0.00
GOWANUS_GT4_2 24131	25.41 1.42 0.00	24.81 1.28 0.00	21.53 1.13 0.00	20.45 1.07 0.00	21.33 1.02 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.59 1.91 0.00	34.06 1.94 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.19 -0.10	31.84 2.13 0.00	43.95 2.69 0.00	36.43 1.92 0.00	32.85 1.72 0.00	32.67 1.75 0.00	30.53 1.62 0.00	26.46 1.47 0.00	23.71 1.34 0.00
GOWANUS_GT4_3 24132	25.41 1.42 0.00	24.81 1.28 0.00	21.53 1.13 0.00	20.45 1.07 0.00	21.33 1.02 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.59 1.91 0.00	34.06 1.94 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.19 -0.10	31.84 2.13 0.00	43.95 2.69 0.00	36.43 1.92 0.00	32.85 1.72 0.00	32.67 1.75 0.00	30.53 1.62 0.00	26.46 1.47 0.00	23.71 1.34 0.00
GOWANUS_GT4_4 24133	25.41 1.42 0.00	24.81 1.28 0.00	21.53 1.13 0.00	20.45 1.07 0.00	21.33 1.02 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.59 1.91 0.00	34.06 1.94 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.19 -0.10	31.84 2.13 0.00	43.95 2.69 0.00	36.43 1.92 0.00	32.85 1.72 0.00	32.67 1.75 0.00	30.53 1.62 0.00	26.46 1.47 0.00	23.71 1.34 0.00
GOWANUS_GT4_5 24134	25.41 1.42 0.00	24.81 1.28 0.00	21.53 1.13 0.00	20.45 1.07 0.00	21.33 1.02 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.59 1.91 0.00	34.06 1.94 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.19 -0.10	31.84 2.13 0.00	43.95 2.69 0.00	36.43 1.92 0.00	32.85 1.72 0.00	32.67 1.75 0.00	30.53 1.62 0.00	26.46 1.47 0.00	23.71 1.34 0.00
GOWANUS_GT4_6 24135	25.41 1.42 0.00	24.81 1.28 0.00	21.53 1.13 0.00	20.45 1.07 0.00	21.33 1.02 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.59 1.91 0.00	34.06 1.94 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.19 -0.10	31.84 2.13 0.00	43.95 2.69 0.00	36.43 1.92 0.00	32.85 1.72 0.00	32.67 1.75 0.00	30.53 1.62 0.00	26.46 1.47 0.00	23.71 1.34 0.00
GOWANUS_GT4_7 24136	25.41 1.42 0.00	24.81 1.28 0.00	21.53 1.13 0.00	20.45 1.07 0.00	21.33 1.02 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.59 1.91 0.00	34.06 1.94 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.19 -0.10	31.84 2.13 0.00	43.95 2.69 0.00	36.43 1.92 0.00	32.85 1.72 0.00	32.67 1.75 0.00	30.53 1.62 0.00	26.46 1.47 0.00	23.71 1.34 0.00
GOWANUS_GT4_8 24137	25.41 1.42 0.00	24.81 1.28 0.00	21.53 1.13 0.00	20.45 1.07 0.00	21.33 1.02 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.59 1.91 0.00	34.06 1.94 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.19 -0.10	31.84 2.13 0.00	43.95 2.69 0.00	36.43 1.92 0.00	32.85 1.72 0.00	32.67 1.75 0.00	30.53 1.62 0.00	26.46 1.47 0.00	23.71 1.34 0.00

GREENBSH_115KV_TB3 55895	24.39 0.40 0.00	23.92 0.39 0.00	20.76 0.37 0.00	19.75 0.37 0.00	20.63 0.31 0.00	20.53 0.27 0.00	21.63 0.37 0.00	25.88 0.38 0.00	28.31 0.51 0.00	28.58 0.42 0.00	27.02 0.33 0.00	21.33 0.36 5.33	29.37 0.47 0.03	29.89 0.53 0.00	28.80 0.40 0.26	29.14 0.36 0.09	30.11 0.39 0.00	41.68 0.42 0.00	34.87 0.36 0.00	31.57 0.44 0.00	31.43 0.51 0.00	29.40 0.49 0.00	25.31 0.32 0.00	22.72 0.35 0.00
GREENDGE_115KV_TB5 80291	24.56 0.57 0.00	23.95 0.42 0.00	20.67 0.28 0.00	19.56 0.18 0.00	20.61 0.30 0.00	20.61 0.35 0.00	21.84 0.58 0.00	26.22 0.71 0.00	28.58 0.77 0.00	29.10 0.94 0.00	27.86 1.18 0.00	27.36 1.06 0.00	29.98 1.05 0.00	30.38 1.02 0.00	29.70 1.03 0.00	29.92 1.04 0.00	30.85 1.14 0.00	42.85 1.60 0.00	35.98 1.47 0.00	32.26 1.13 0.00	31.91 0.99 0.00	29.81 0.90 0.00	25.87 0.88 0.00	23.09 0.72 0.00
GREENIDGE___3 23582	24.56 0.57 0.00	23.95 0.42 0.00	20.67 0.28 0.00	19.56 0.18 0.00	20.61 0.30 0.00	20.61 0.35 0.00	21.84 0.58 0.00	26.22 0.71 0.00	28.58 0.77 0.00	29.10 0.94 0.00	27.86 1.18 0.00	27.36 1.06 0.00	29.98 1.05 0.00	30.38 1.02 0.00	29.70 1.03 0.00	29.92 1.04 0.00	30.85 1.14 0.00	42.85 1.60 0.00	35.98 1.47 0.00	32.26 1.13 0.00	31.91 0.99 0.00	29.81 0.90 0.00	25.87 0.88 0.00	23.09 0.72 0.00
GREENIDGE___4 23583	24.55 0.56 0.00	23.94 0.41 0.00	20.67 0.28 0.00	19.56 0.18 0.00	20.61 0.30 0.00	20.61 0.35 0.00	21.84 0.58 0.00	26.22 0.71 0.00	28.58 0.77 0.00	29.10 0.94 0.00	27.86 1.18 0.00	27.36 1.06 0.00	29.97 1.05 0.00	30.38 1.02 0.00	29.69 1.03 0.00	29.92 1.04 0.00	30.85 1.13 0.00	42.85 1.60 0.00	35.98 1.47 0.00	32.26 1.13 0.00	31.91 0.99 0.00	29.81 0.90 0.00	25.87 0.88 0.00	23.09 0.72 0.00
GREENLWN_69_KV_BK 3 55738	25.45 1.46 0.00	24.85 1.32 0.00	21.52 1.13 0.00	20.42 1.04 0.00	21.28 0.96 0.00	21.26 1.00 0.00	22.48 1.23 0.00	27.07 1.56 0.00	29.68 1.87 0.00	30.07 1.91 0.00	28.78 2.09 0.00	34.19 2.07 -5.82	31.28 2.32 -0.03	31.68 2.31 0.00	31.32 2.37 -0.29	41.14 2.52 -9.74	32.19 2.48 0.00	44.21 2.96 0.00	36.71 2.20 0.00	33.10 1.96 0.00	32.89 1.97 0.00	30.81 1.90 0.00	26.62 1.63 0.00	23.84 1.47 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	25.41 1.42 0.00	24.81 1.28 0.00	21.53 1.13 0.00	20.45 1.07 0.00	21.33 1.02 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.59 1.91 0.00	34.06 1.94 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.19 -0.10	31.84 2.13 0.00	43.95 2.69 0.00	36.43 1.92 0.00	32.85 1.72 0.00	32.67 1.75 0.00	30.53 1.62 0.00	26.46 1.47 0.00	23.71 1.34 0.00
GRISSOM___SOLAR 323813	26.37 2.38 0.00	25.74 2.21 0.00	22.24 1.85 0.00	21.13 1.74 0.00	22.19 1.88 0.00	22.21 1.96 0.00	23.36 2.10 0.00	28.05 2.55 0.00	30.51 2.70 0.00	30.66 2.50 0.00	28.42 1.73 0.00	23.81 1.58 4.07	30.79 1.89 0.02	31.31 1.94 0.00	29.80 1.34 0.20	30.82 2.01 0.07	31.51 1.80 0.00	44.34 3.09 0.00	37.63 3.12 0.00	34.34 3.21 0.00	34.20 3.28 0.00	31.91 3.00 0.00	27.51 2.52 0.00	24.64 2.27 0.00
GROVEVILLE___HYD 323602	25.36 1.37 0.00	24.77 1.24 0.00	21.48 1.09 0.00	20.41 1.02 0.00	21.31 0.99 0.00	21.28 1.02 0.00	22.48 1.22 0.00	26.99 1.49 0.00	29.53 1.72 0.00	29.89 1.72 0.00	28.38 1.69 0.00	32.53 1.71 -4.52	30.93 1.98 -0.02	31.40 2.04 0.00	30.86 1.98 -0.22	31.01 2.05 -0.08	31.80 2.09 0.00	44.01 2.76 0.00	36.60 2.09 0.00	32.99 1.85 0.00	32.77 1.85 0.00	30.59 1.68 0.00	26.42 1.43 0.00	23.68 1.31 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	24.14 0.14 0.00	23.62 0.09 0.00	20.45 0.06 0.00	19.40 0.02 0.00	20.37 0.05 0.00	20.34 0.08 0.00	21.40 0.14 0.00	25.57 0.07 0.00	27.85 0.04 0.00	28.26 0.10 0.00	26.90 0.21 0.00	26.50 0.20 0.00	29.10 0.17 0.00	29.54 0.17 0.00	28.87 0.21 0.00	29.13 0.25 0.00	30.00 0.29 0.00	41.68 0.43 0.00	34.90 0.39 0.00	31.41 0.28 0.00	31.16 0.23 0.00	29.11 0.20 0.00	25.15 0.16 0.00	22.50 0.13 0.00
HAMLTNNY_34_KV_TB 80303	24.19 0.20 0.00	23.65 0.12 0.00	20.48 0.09 0.00	19.43 0.05 0.00	20.41 0.09 0.00	20.37 0.11 0.00	21.45 0.19 0.00	25.65 0.14 0.00	27.90 0.09 0.00	28.34 0.17 0.00	26.99 0.30 0.00	26.58 0.28 0.00	29.20 0.27 0.00	29.65 0.28 0.00	28.98 0.32 0.00	29.24 0.36 0.00	30.10 0.39 0.00	41.84 0.59 0.00	35.04 0.53 0.00	31.53 0.40 0.00	31.25 0.33 0.00	29.21 0.30 0.00	25.23 0.24 0.00	22.57 0.20 0.00
HAMPSHIRE___PAPER_HYD 323593	24.17 0.18 0.00	23.70 0.18 0.00	20.51 0.12 0.00	19.53 0.14 0.00	20.51 0.20 0.00	20.47 0.21 0.00	21.39 0.13 0.00	25.54 0.03 0.00	27.66 -0.15 0.00	27.87 -0.30 0.00	26.32 -0.37 0.00	25.90 -0.40 0.00	28.46 -0.47 0.00	28.91 -0.46 0.00	28.22 -0.44 0.00	28.48 -0.40 0.00	29.27 -0.45 0.00	40.81 -0.44 0.00	34.33 -0.18 0.00	31.10 -0.03 0.00	31.03 0.11 0.00	29.03 0.11 0.00	25.12 0.13 0.00	22.57 0.20 0.00
HARDSCRABBLE_WT_PWR 323673	23.78 -0.20 0.00	23.25 -0.28 0.00	20.14 -0.25 0.00	19.18 -0.21 0.00	20.02 -0.30 0.00	19.89 -0.37 0.00	21.02 -0.23 0.00	25.24 -0.26 0.00	27.63 -0.18 0.00	27.88 -0.29 0.00	26.30 -0.38 0.00	25.97 -0.33 0.00	28.75 -0.17 0.00	29.27 -0.10 0.00	28.35 -0.31 0.00	28.49 -0.39 0.00	29.31 -0.41 0.00	40.72 -0.53 0.00	34.08 -0.43 0.00	31.07 -0.06 0.00	30.89 -0.03 0.00	28.77 -0.14 0.00	24.77 -0.23 0.00	22.14 -0.24 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	25.13 1.14 0.00	24.54 1.01 0.00	21.24 0.85 0.00	20.19 0.81 0.00	21.08 0.77 0.00	21.07 0.81 0.00	22.25 0.99 0.00	26.73 1.23 0.00	29.24 1.43 0.00	29.61 1.45 0.00	28.14 1.46 0.00	32.87 1.50 -5.07	30.75 1.80 -0.03	31.20 1.83 0.00	30.65 1.74 -0.25	30.82 1.85 -0.09	31.55 1.84 0.00	43.64 2.39 0.00	36.28 1.77 0.00	32.67 1.54 0.00	32.43 1.51 0.00	30.26 1.35 0.00	26.17 1.17 0.00	23.47 1.09 0.00
HARSNRAD_115KV_TB1 81005	24.39 0.41 0.00	23.60 0.08 0.00	20.29 -0.10 0.00	19.08 -0.31 0.00	20.24 -0.07 0.00	20.29 0.03 0.00	21.38 0.12 0.00	25.49 -0.02 0.00	27.61 -0.20 0.00	28.28 0.12 0.00	27.22 0.53 0.00	26.70 0.40 0.00	29.12 0.20 0.00	29.56 0.19 0.00	28.93 0.27 0.00	29.13 0.26 0.00	29.99 0.28 0.00	41.64 0.39 0.00	35.12 0.61 0.00	31.38 0.25 0.00	31.01 0.09 0.00	29.07 0.16 0.00	25.44 0.44 0.00	22.92 0.55 0.00
HARZA MOOSE___RIVER 24016	24.55 0.56 0.00	24.02 0.49 0.00	20.76 0.37 0.00	19.73 0.35 0.00	20.71 0.39 0.00	20.68 0.42 0.00	21.72 0.46 0.00	25.93 0.43 0.00	28.14 0.33 0.00	28.40 0.23 0.00	26.90 0.21 0.00	26.49 0.19 0.00	29.21 0.28 0.00	29.69 0.32 0.00	28.92 0.25 0.00	29.20 0.32 0.00	30.09 0.38 0.00	41.96 0.71 0.00	35.24 0.73 0.00	31.90 0.77 0.00	31.78 0.86 0.00	29.68 0.77 0.00	25.62 0.62 0.00	22.90 0.53 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	23.99 0.00 0.00	23.44 -0.08 0.00	20.29 -0.10 0.00	19.25 -0.13 0.00	20.21 -0.11 0.00	20.18 -0.08 0.00	21.22 -0.04 0.00	25.35 -0.16 0.00	27.62 -0.19 0.00	28.04 -0.12 0.00	26.68 0.00 0.00	26.28 -0.02 0.00	28.88 -0.04 0.00	29.30 -0.07 0.00	28.62 -0.05 0.00	28.86 -0.02 0.00	29.70 -0.01 0.00	41.26 0.01 0.00	34.54 0.03 0.00	31.10 -0.03 0.00	30.85 -0.07 0.00	28.83 -0.08 0.00	24.93 -0.07 0.00	22.33 -0.04 0.00
HELLGATE_13_KV_LD 55870	25.33 1.34 0.00	24.73 1.20 0.00	21.46 1.07 0.00	20.41 1.02 0.00	21.28 0.96 0.00	21.28 1.02 0.00	22.52 1.26 0.00	27.05 1.55 0.00	29.60 1.79 0.00	29.99 1.83 0.00	28.51 1.82 0.00	33.97 1.85 -5.82	31.10 2.15 -0.03	31.50 2.13 0.00	31.01 2.06 -0.28	31.10 2.12 -0.10	31.77 2.06 0.00	43.85 2.60 0.00	36.36 1.85 0.00	32.78 1.65 0.00	32.61 1.69 0.00	30.46 1.55 0.00	26.37 1.38 0.00	23.63 1.26 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	25.33 1.34 0.00	24.73 1.20 0.00	21.46 1.07 0.00	20.41 1.02 0.00	21.28 0.96 0.00	21.28 1.02 0.00	22.52 1.26 0.00	27.05 1.55 0.00	29.60 1.79 0.00	29.99 1.83 0.00	28.51 1.82 0.00	33.97 1.85 -5.82	31.10 2.15 -0.03	31.50 2.13 0.00	31.01 2.06 -0.28	31.10 2.12 -0.10	31.77 2.06 0.00	43.85 2.60 0.00	36.36 1.85 0.00	32.78 1.65 0.00	32.61 1.69 0.00	30.46 1.55 0.00	26.37 1.38 0.00	23.63 1.26 0.00
HEMPSTEAD____ 23647	25.41 1.42 0.00	24.79 1.26 0.00	21.47 1.08 0.00	20.38 0.99 0.00	21.25 0.93 0.00	21.24 0.98 0.00	22.46 1.20 0.00	27.03 1.53 0.00	29.63 1.82 0.00	30.01 1.85 0.00	28.67 1.98 0.00	34.09 1.97 -5.82	31.17 2.21 -0.03	31.57 2.20 0.00	31.17 2.22 -0.29	40.95 2.33 -9.74	31.97 2.25 0.00	43.95 2.70 0.00	36.49 1.98 0.00	32.97 1.84 0.00	32.78 1.86 0.00	30.69 1.77 0.00	26.51 1.52 0.00	23.75 1.38 0.00
HEWLETT__69_KV_BK3 55828	25.59 1.60 0.00	24.96 1.43 0.00	21.60 1.21 0.00	20.50 1.12 0.00	21.37 1.05 0.00	21.36 1.11 0.00	22.60 1.34 0.00	27.19 1.68 0.00	29.80 2.00 0.00	30.18 2.02 0.00	28.89 2.20 0.00	34.30 2.19 -5.82	31.44 2.49 -0.03	31.88 2.51 0.00	31.41 2.47 -0.29	41.22 2.61 -9.74	32.28 2.57 0.00	44.42 3.17 0.00	36.89 2.38 0.00	33.25 2.11 0.00	33.06 2.14 0.00	30.95 2.04 0.00	26.71 1.72 0.00	23.90 1.53 0.00
HICKLING___1 23621	24.70 0.71 0.00	24.08 0.55 0.00	20.83 0.43 0.00	19.71 0.32 0.00	20.76 0.44 0.00	20.72 0.46 0.00	22.04 0.78 0.00	26.58 1.08 0.00	29.20 1.39 0.00	29.80 1.63 0.00	28.59 1.90 0.00	28.02 1.71 0.00	30.58 1.65 0.00	30.95 1.59 0.00	30.25 1.59 0.00	30.30 1.42 0.00	31.25 1.54 0.00	43.24 1.98 0.00	36.18 1.67 0.00	32.36 1.23 0.00	32.02 1.10 0.00	29.89 0.98 0.00	26.06 1.07 0.00	23.25 0.88 0.00
HICKLING___2 23622	24.70 0.71 0.00	24.08 0.55 0.00	20.83 0.43 0.00	19.71 0.32 0.00	20.76 0.44 0.00	20.72 0.46 0.00	22.04 0.78 0.00	26.58 1.08 0.00	29.20 1.39 0.00	29.80 1.63 0.00	28.59 1.90 0.00	28.02 1.71 0.00	30.58 1.65 0.00	30.95 1.59 0.00	30.25 1.59 0.00	30.30 1.42 0.00	31.25 1.54 0.00	43.24 1.98 0.00	36.18 1.67 0.00	32.36 1.23 0.00	32.02 1.10 0.00	29.89 0.98 0.00	26.06 1.07 0.00	23.25 0.88 0.00
HIGH FALLS___HY 23754	25.17 1.18 0.00	24.55 1.02 0.00	21.27 0.88 0.00	20.21 0.82 0.00	21.10 0.78 0.00	21.08 0.83 0.00	22.28 1.02 0.00	26.76 1.26 0.00	29.25 1.44 0.00	29.64 1.48 0.00	28.19 1.51 0.00	30.49 1.50 -2.69	30.66 1.72 -0.01	31.12 1.75 0.00	30.44 1.65 -0.13	30.73 1.80 -0.05	31.55 1.84 0.00	43.71 2.46 0.00	36.30 1.79 0.00	32.69 1.55 0.00	32.45 1.53 0.00	30.33 1.42 0.00	26.23 1.23 0.00	23.50 1.13 0.00
HILLBURN___GT 23639	25.03 1.04 0.00	24.44 0.91 0.00	21.16 0.77 0.00	20.12 0.73 0.00	21.00 0.68 0.00	20.99 0.73 0.00	22.17 0.91 0.00	26.66 1.15 0.00	29.15 1.34 0.00	29.51 1.34 0.00	28.07 1.38 0.00	32.95 1.43 -5.22	30.75 1.80 -0.03	31.16 1.79 0.00	30.56 1.65 -0.26	30.71 1.74 -0.09	31.40 1.69 0.00	43.36 2.11 0.00	36.02 1.52 0.00	32.44 1.31 0.00	32.22 1.30 0.00	30.07 1.16 0.00	26.03 1.03 0.00	23.37 1.01 0.00
HILLSIDE_115KV_TB1 80332	24.28 0.29 0.00	23.67 0.15 0.00	20.47 0.08 0.00	19.39 0.01 0.00	20.40 0.08 0.00	20.34 0.08 0.00	21.63 0.37 0.00	25.94 0.44 0.00	28.29 0.48 0.00	28.84 0.68 0.00	27.75 1.06 0.00	27.18 0.88 0.00	29.79 0.86 0.00	30.11 0.75 0.00	29.54 0.88 0.00	29.70 0.82 0.00	30.59 0.87 0.00	42.30 1.05 0.00	35.33 0.81 0.00	31.62 0.49 0.00	31.32 0.40 0.00	29.26 0.35 0.00	25.54 0.55 0.00	22.78 0.41 0.00
HISHELDN_WT_PWR 323625	24.28 0.29 0.00	23.63 0.11 0.00	20.39 0.00 0.00	19.22 -0.16 0.00	20.36 0.04 0.00	20.40 0.14 0.00	21.56 0.30 0.00	25.82 0.31 0.00	28.11 0.29 0.00	28.76 0.60 0.00	27.70 1.02 0.00	27.17 0.87 0.00	29.61 0.68 0.00	29.97 0.60 0.00	29.30 0.64 0.00	29.48 0.60 0.00	30.40 0.69 0.00	42.13 0.88 0.00	35.44 0.93 0.00	31.65 0.52 0.00	31.28 0.36 0.00	29.27 0.36 0.00	25.57 0.57 0.00	22.94 0.57 0.00
HOLTSVILLE_IC_1 23690	25.46 1.47 0.00	24.86 1.34 0.00	21.54 1.14 0.00	20.41 1.03 0.00	21.24 0.92 0.00	21.21 0.95 0.00	22.43 1.17 0.00	27.00 1.50 0.00	29.62 1.81 0.00	30.00 1.84 0.00	28.71 2.02 -5.82	34.08 1.96 -0.03	31.12 2.16 0.00	31.52 2.15 0.00	31.21 2.27 -0.29	41.06 2.44 -9.74	32.14 2.42 0.00	44.13 2.88 0.00	36.67 2.16 0.00	33.09 1.96 0.00	32.89 1.97 0.00	30.84 1.93 0.00	26.65 1.65 0.00	23.87 1.50 0.00
HOLTSVILLE_IC_10 23699	25.58 1.59 0.00	24.98 1.45 0.00	21.64 1.25 0.00	20.50 1.12 0.00	21.34 1.02 0.00	21.31 1.05 0.00	22.53 1.27 0.00	27.12 1.62 0.00	29.78 1.97 0.00	30.16 2.00 0.00	28.86 2.18 0.00	34.23 2.11 -5.82	31.25 2.30 -0.03	31.67 2.30 0.00	31.41 2.46 -0.29	41.25 2.63 -9.74	32.37 2.66 0.00	44.45 3.20 0.00	36.94 2.43 0.00	33.32 2.19 0.00	33.12 2.19 0.00	31.04 2.13 0.00	26.81 1.81 0.00	24.00 1.63 0.00
HOLTSVILLE_IC_2 23691	25.46 1.47 0.00	24.86 1.34 0.00	21.54 1.14 0.00	20.41 1.03 0.00	21.24 0.92 0.00	21.21 0.95 0.00	22.43 1.17 0.00	27.00 1.50 0.00	29.62 1.81 0.00	30.00 1.84 0.00	28.71 2.02 -5.82	34.08 1.96 -0.03	31.12 2.16 0.00	31.52 2.15 0.00	31.21 2.27 -0.29	41.06 2.44 -9.74	32.14 2.42 0.00	44.13 2.88 0.00	36.67 2.16 0.00	33.09 1.96 0.00	32.89 1.97 0.00	30.84 1.93 0.00	26.65 1.65 0.00	23.87 1.50 0.00
HOLTSVILLE_IC_3 23692	25.46 1.47 0.00	24.86 1.34 0.00	21.54 1.14 0.00	20.41 1.03 0.00	21.24 0.92 0.00	21.21 0.95 0.00	22.43 1.17 0.00	27.00 1.50 0.00	29.62 1.81 0.00	30.00 1.84 0.00	28.71 2.02 -5.82	34.08 1.96 -0.03	31.12 2.16 0.00	31.52 2.15 0.00	31.21 2.27 -0.29	41.06 2.44 -9.74	32.14 2.42 0.00	44.13 2.88 0.00	36.67 2.16 0.00	33.09 1.96 0.00	32.89 1.97 0.00	30.84 1.93 0.00	26.65 1.65 0.00	23.87 1.50 0.00

HOLTSVILLE_IC_4 23693	25.46 1.47 0.00	24.86 1.34 0.00	21.54 1.14 0.00	20.41 1.03 0.00	21.24 0.92 0.00	21.21 0.95 0.00	22.43 1.17 0.00	27.00 1.50 0.00	29.62 1.81 0.00	30.00 1.84 0.00	28.71 2.02 0.00	34.08 1.96 -5.82	31.12 2.16 -0.03	31.52 2.15 0.00	31.21 2.27 -0.29	41.06 2.44 -9.74	32.14 2.42 0.00	44.13 2.88 0.00	36.67 2.16 0.00	33.09 1.96 0.00	32.89 1.97 0.00	30.84 1.93 0.00	26.65 1.65 0.00	23.87 1.50 0.00
HOLTSVILLE_IC_5 23694	25.46 1.47 0.00	24.86 1.34 0.00	21.54 1.14 0.00	20.41 1.03 0.00	21.24 0.92 0.00	21.21 0.95 0.00	22.43 1.17 0.00	27.00 1.50 0.00	29.62 1.81 0.00	30.00 1.84 0.00	28.71 2.02 0.00	34.08 1.96 -5.82	31.12 2.16 -0.03	31.52 2.15 0.00	31.21 2.27 -0.29	41.06 2.44 -9.74	32.14 2.42 0.00	44.13 2.88 0.00	36.67 2.16 0.00	33.09 1.96 0.00	32.89 1.97 0.00	30.84 1.93 0.00	26.65 1.65 0.00	23.87 1.50 0.00
HOLTSVILLE_IC_6 23695	25.58 1.59 0.00	24.98 1.45 0.00	21.64 1.25 0.00	20.50 1.12 0.00	21.34 1.02 0.00	21.31 1.05 0.00	22.53 1.27 0.00	27.12 1.62 0.00	29.78 1.97 0.00	30.16 2.00 0.00	28.86 2.18 0.00	34.23 2.11 -5.82	31.25 2.30 -0.03	31.67 2.30 0.00	31.41 2.46 -0.29	41.25 2.63 -9.74	32.37 2.66 0.00	44.45 3.20 0.00	36.94 2.43 0.00	33.32 2.19 0.00	33.12 2.19 0.00	31.04 2.13 0.00	26.81 1.81 0.00	24.00 1.63 0.00
HOLTSVILLE_IC_7 23696	25.58 1.59 0.00	24.98 1.45 0.00	21.64 1.25 0.00	20.50 1.12 0.00	21.34 1.02 0.00	21.31 1.05 0.00	22.53 1.27 0.00	27.12 1.62 0.00	29.78 1.97 0.00	30.16 2.00 0.00	28.86 2.18 0.00	34.23 2.11 -5.82	31.25 2.30 -0.03	31.67 2.30 0.00	31.41 2.46 -0.29	41.25 2.63 -9.74	32.37 2.66 0.00	44.45 3.20 0.00	36.94 2.43 0.00	33.32 2.19 0.00	33.12 2.19 0.00	31.04 2.13 0.00	26.81 1.81 0.00	24.00 1.63 0.00
HOLTSVILLE_IC_8 23697	25.58 1.59 0.00	24.98 1.45 0.00	21.64 1.25 0.00	20.50 1.12 0.00	21.34 1.02 0.00	21.31 1.05 0.00	22.53 1.27 0.00	27.12 1.62 0.00	29.78 1.97 0.00	30.16 2.00 0.00	28.86 2.18 0.00	34.23 2.11 -5.82	31.25 2.30 -0.03	31.67 2.30 0.00	31.41 2.46 -0.29	41.25 2.63 -9.74	32.37 2.66 0.00	44.45 3.20 0.00	36.94 2.43 0.00	33.32 2.19 0.00	33.12 2.19 0.00	31.04 2.13 0.00	26.81 1.81 0.00	24.00 1.63 0.00
HOLTSVILLE_IC_9 23698	25.58 1.59 0.00	24.98 1.45 0.00	21.64 1.25 0.00	20.50 1.12 0.00	21.34 1.02 0.00	21.31 1.05 0.00	22.53 1.27 0.00	27.12 1.62 0.00	29.78 1.97 0.00	30.16 2.00 0.00	28.86 2.18 0.00	34.23 2.11 -5.82	31.25 2.30 -0.03	31.67 2.30 0.00	31.41 2.46 -0.29	41.25 2.63 -9.74	32.37 2.66 0.00	44.45 3.20 0.00	36.94 2.43 0.00	33.32 2.19 0.00	33.12 2.19 0.00	31.04 2.13 0.00	26.81 1.81 0.00	24.00 1.63 0.00
HOMER_HL_115KV_TB2 355744	24.73 0.74 0.00	24.04 0.51 0.00	20.73 0.34 0.00	19.57 0.18 0.00	20.70 0.38 0.00	20.72 0.46 0.00	21.96 0.70 0.00	26.31 0.81 0.00	28.75 0.94 0.00	29.45 1.29 0.00	28.36 1.67 0.00	27.70 1.40 0.00	30.13 1.21 0.00	30.48 1.12 0.00	29.82 1.16 0.00	29.96 1.08 0.00	30.87 1.16 0.00	42.67 1.42 0.00	35.69 1.18 0.00	31.88 0.75 0.00	31.51 0.59 0.00	29.45 0.54 0.00	25.91 0.91 0.00	23.23 0.86 0.00
HOWARD_WT_PWR 323690	24.49 0.50 0.00	23.94 0.42 0.00	20.64 0.25 0.00	19.51 0.13 0.00	20.62 0.30 0.00	20.61 0.35 0.00	21.86 0.61 0.00	26.32 0.82 0.00	28.84 1.03 0.00	29.45 1.29 0.00	28.34 1.66 0.00	27.75 1.45 0.00	30.26 1.34 0.00	30.60 1.23 0.00	29.80 1.15 0.00	30.00 1.12 0.00	31.08 1.37 0.00	43.05 1.80 0.00	36.15 1.64 0.00	32.26 1.13 0.00	31.78 0.85 0.00	29.74 0.82 0.00	25.98 0.99 0.00	23.24 0.86 0.00
HQ_GEN_CEDARS 23644	23.79 -0.20 0.00	23.39 -0.13 0.00	20.26 -0.14 0.00	19.31 -0.07 0.00	20.29 -0.03 0.00	20.23 -0.03 0.00	21.11 -0.15 0.00	25.42 -0.08 0.00	27.65 -0.16 0.00	27.98 -0.19 0.00	26.44 -0.25 0.00	26.04 -0.27 0.00	28.62 -0.30 0.00	29.06 -0.30 0.00	28.33 -0.33 0.00	28.57 -0.31 0.00	29.34 -0.37 0.00	40.83 -0.42 0.00	34.24 -0.27 0.00	30.89 -0.24 0.00	30.68 -0.24 0.00	28.71 -0.20 0.00	24.87 -0.13 0.00	22.25 -0.12 0.00
HQ_GEN_CEDARS_PROXY 323590	23.78 -0.21 0.00	23.39 -0.14 0.00	20.26 -0.14 0.00	19.31 -0.07 0.00	20.29 -0.03 0.00	20.23 -0.03 0.00	21.11 -0.15 0.00	25.42 -0.08 0.00	27.65 -0.16 0.00	27.98 -0.19 0.00	26.44 -0.25 0.00	26.03 -0.27 0.00	28.62 -0.30 0.00	29.06 -0.30 0.00	28.33 -0.33 0.00	28.57 -0.30 0.00	29.34 -0.37 0.00	40.83 -0.42 0.00	34.24 -0.27 0.00	30.89 -0.24 0.00	30.68 -0.24 0.00	28.71 -0.20 0.00	24.87 -0.13 0.00	22.61 -0.12 -0.36
HQ_GEN_IMPORT 323601	23.71 -0.28 0.00	23.33 -0.19 0.00	20.22 -0.17 0.00	19.25 -0.13 0.00	20.19 -0.13 0.00	20.13 -0.13 0.00	21.05 -0.21 0.00	25.36 -0.14 0.00	27.63 -0.18 0.00	27.97 -0.20 0.00	26.43 -0.26 0.00	26.04 -0.26 0.00	28.61 -0.31 0.00	29.05 -0.31 0.00	28.39 -0.31 -0.05	28.57 -0.30 0.00	29.38 -0.33 0.00	40.85 -0.40 0.00	34.21 -0.30 0.00	30.85 -0.28 0.00	30.64 -0.27 0.00	28.67 -0.24 0.00	24.80 -0.19 0.00	22.16 -0.21 0.00
HQ_GEN_WHEEL 23651	23.71 -0.28 0.00	23.33 -0.19 0.00	20.22 -0.17 0.00	19.25 -0.13 0.00	20.19 -0.13 0.00	20.13 -0.13 0.00	21.05 -0.21 0.00	25.36 -0.14 0.00	27.63 -0.18 0.00	27.97 -0.20 0.00	26.43 -0.26 0.00	26.04 -0.26 0.00	28.61 -0.31 0.00	29.05 -0.31 0.00	28.39 -0.31 -0.05	28.57 -0.30 0.00	29.38 -0.33 0.00	40.85 -0.40 0.00	34.21 -0.30 0.00	30.85 -0.28 0.00	30.64 -0.27 0.00	28.67 -0.24 0.00	24.80 -0.19 0.00	22.16 -0.21 0.00
HUDSON_AVE_GT_3 23810	25.36 1.37 0.00	24.74 1.22 0.00	21.46 1.06 0.00	20.40 1.01 0.00	21.28 0.97 0.00	21.28 1.02 0.00	22.50 1.24 0.00	27.05 1.55 0.00	29.61 1.80 0.00	30.00 1.83 0.00	28.50 1.81 0.00	33.99 1.87 -5.82	31.11 2.16 -0.03	31.51 2.14 0.00	31.02 2.07 -0.28	31.11 2.13 -0.10	31.80 2.09 0.00	43.87 2.62 0.00	36.37 1.86 0.00	32.76 1.63 0.00	32.59 1.68 0.00	30.45 1.54 0.00	26.38 1.38 0.00	23.65 1.28 0.00
HUDSON_AVE_GT_4 23540	25.36 1.37 0.00	24.74 1.22 0.00	21.46 1.06 0.00	20.40 1.01 0.00	21.28 0.97 0.00	21.28 1.02 0.00	22.50 1.24 0.00	27.05 1.55 0.00	29.61 1.80 0.00	30.00 1.83 0.00	28.50 1.81 0.00	33.99 1.87 -5.82	31.11 2.16 -0.03	31.51 2.14 0.00	31.02 2.07 -0.28	31.11 2.13 -0.10	31.80 2.09 0.00	43.87 2.62 0.00	36.37 1.86 0.00	32.76 1.63 0.00	32.59 1.68 0.00	30.45 1.54 0.00	26.38 1.38 0.00	23.65 1.28 0.00
HUDSON_AVE_GT_5 23657	25.36 1.37 0.00	24.74 1.22 0.00	21.46 1.06 0.00	20.40 1.01 0.00	21.28 0.97 0.00	21.28 1.02 0.00	22.50 1.24 0.00	27.05 1.55 0.00	29.61 1.80 0.00	30.00 1.83 0.00	28.50 1.81 0.00	33.99 1.87 -5.82	31.11 2.16 -0.03	31.51 2.14 0.00	31.02 2.07 -0.28	31.11 2.13 -0.10	31.80 2.09 0.00	43.87 2.62 0.00	36.37 1.86 0.00	32.76 1.63 0.00	32.59 1.68 0.00	30.45 1.54 0.00	26.38 1.38 0.00	23.65 1.28 0.00

HUDSON_AVE_10 24168	25.26 1.27 0.00	24.65 1.12 0.00	21.37 0.98 0.00	20.32 0.94 0.00	21.20 0.88 0.00	21.19 0.93 0.00	22.41 1.15 0.00	26.95 1.45 0.00	29.50 1.69 0.00	29.88 1.71 0.00	28.36 1.67 0.00	33.84 1.73 -5.82	30.96 2.00 -0.03	31.33 1.97 0.00	30.86 1.91 -0.28	30.94 1.97 -0.10	31.64 1.93 0.00	43.66 2.40 0.00	36.19 1.69 0.00	32.61 1.48 0.00	32.45 1.53 0.00	30.31 1.40 0.00	26.28 1.29 0.00	23.56 1.19 0.00
HUDSON___115KV_TB 4 355613	24.89 0.90 0.00	24.39 0.86 0.00	21.17 0.77 0.00	20.13 0.74 0.00	21.04 0.72 0.00	20.94 0.69 0.00	22.08 0.82 0.00	26.42 0.92 0.00	28.94 1.13 0.00	29.20 1.04 0.00	27.55 0.87 0.00	23.44 0.82 3.68	29.77 0.87 0.02	30.27 0.90 0.00	29.31 0.83 0.18	29.64 0.82 0.06	30.61 0.90 0.00	42.48 1.23 0.00	35.67 1.16 0.00	32.38 1.25 0.00	32.27 1.35 0.00	30.19 1.28 0.00	25.95 0.96 0.00	23.22 0.85 0.00
HUNTER MOUNT___DRP 323613	25.00 1.01 0.00	24.50 0.98 0.00	21.27 0.88 0.00	20.22 0.84 0.00	21.15 0.83 0.00	21.05 0.79 0.00	22.19 0.94 0.00	26.56 1.06 0.00	29.09 1.28 0.00	29.34 1.17 0.00	27.63 0.94 0.00	24.82 0.85 2.34	29.79 0.88 0.01	30.26 0.89 0.00	29.41 0.87 0.11	29.69 0.85 0.04	30.69 0.97 0.00	42.57 1.32 0.00	35.85 1.34 0.00	32.58 1.44 0.00	32.50 1.58 0.00	30.39 1.48 0.00	26.10 1.11 0.00	23.34 0.97 0.00
HUNTINGTON_RES_REC 323705	25.54 1.55 0.00	24.93 1.40 0.00	21.60 1.21 0.00	20.47 1.09 0.00	21.32 1.00 0.00	21.30 1.04 0.00	22.52 1.26 0.00	27.11 1.61 0.00	29.75 1.94 0.00	30.14 1.98 0.00	28.85 2.16 0.00	34.23 2.11 -5.82	31.27 2.32 -0.03	31.67 2.31 0.00	31.41 2.46 -0.29	41.24 2.62 -9.74	32.35 2.64 0.00	44.43 3.18 0.00	36.92 2.41 0.00	33.28 2.14 0.00	33.06 2.14 0.00	30.98 2.07 0.00	26.77 1.77 0.00	23.96 1.59 0.00
HUNTLEY___63 23557	24.60 0.61 0.00	23.81 0.28 0.00	20.46 0.07 0.00	19.24 -0.14 0.00	20.41 0.09 0.00	20.45 0.19 0.00	21.55 0.29 0.00	25.74 0.23 0.00	27.85 0.04 0.00	28.54 0.38 0.00	27.50 0.82 0.00	26.99 0.69 0.00	29.44 0.51 0.00	29.88 0.52 0.00	29.30 0.64 0.00	29.49 0.61 0.00	30.36 0.65 0.00	42.14 0.88 0.00	35.51 1.00 0.00	31.70 0.56 0.00	31.30 0.38 0.00	29.34 0.42 0.00	25.66 0.67 0.00	23.09 0.71 0.00
HUNTLEY___64 23558	24.60 0.61 0.00	23.81 0.28 0.00	20.46 0.07 0.00	19.24 -0.14 0.00	20.41 0.09 0.00	20.45 0.19 0.00	21.55 0.29 0.00	25.74 0.23 0.00	27.85 0.04 0.00	28.54 0.38 0.00	27.50 0.82 0.00	26.99 0.69 0.00	29.44 0.51 0.00	29.88 0.52 0.00	29.30 0.64 0.00	29.49 0.61 0.00	30.36 0.65 0.00	42.14 0.88 0.00	35.51 1.00 0.00	31.70 0.56 0.00	31.30 0.38 0.00	29.34 0.42 0.00	25.66 0.67 0.00	23.09 0.71 0.00
HUNTLEY___65 23559	24.60 0.61 0.00	23.81 0.28 0.00	20.46 0.07 0.00	19.24 -0.14 0.00	20.41 0.09 0.00	20.45 0.19 0.00	21.55 0.29 0.00	25.74 0.23 0.00	27.85 0.04 0.00	28.54 0.38 0.00	27.50 0.82 0.00	26.99 0.69 0.00	29.44 0.51 0.00	29.88 0.52 0.00	29.30 0.64 0.00	29.49 0.61 0.00	30.36 0.65 0.00	42.14 0.88 0.00	35.51 1.00 0.00	31.70 0.56 0.00	31.30 0.38 0.00	29.34 0.42 0.00	25.66 0.67 0.00	23.09 0.71 0.00
HUNTLEY___66 23560	24.60 0.61 0.00	23.81 0.28 0.00	20.46 0.07 0.00	19.24 -0.14 0.00	20.41 0.09 0.00	20.45 0.19 0.00	21.55 0.29 0.00	25.74 0.23 0.00	27.85 0.04 0.00	28.54 0.38 0.00	27.50 0.82 0.00	26.99 0.69 0.00	29.44 0.51 0.00	29.88 0.52 0.00	29.30 0.64 0.00	29.49 0.61 0.00	30.36 0.65 0.00	42.14 0.88 0.00	35.51 1.00 0.00	31.70 0.56 0.00	31.30 0.38 0.00	29.34 0.42 0.00	25.66 0.67 0.00	23.09 0.71 0.00
HUNTLEY___67 23561	24.39 0.39 0.00	23.61 0.08 0.00	20.31 -0.09 0.00	19.10 -0.28 0.00	20.25 -0.06 0.00	20.29 0.03 0.00	21.38 0.12 0.00	25.55 0.05 0.00	27.72 -0.09 0.00	28.39 0.23 0.00	27.34 0.65 0.00	26.80 0.50 0.00	29.22 0.29 0.00	29.64 0.27 0.00	29.01 0.35 0.00	29.20 0.32 0.00	30.06 0.35 0.00	41.76 0.51 0.00	35.18 0.66 0.00	31.42 0.28 0.00	31.05 0.12 0.00	29.10 0.18 0.00	25.45 0.46 0.00	22.90 0.52 0.00
HUNTLEY___68 23562	24.39 0.39 0.00	23.61 0.08 0.00	20.31 -0.09 0.00	19.10 -0.28 0.00	20.25 -0.06 0.00	20.29 0.03 0.00	21.38 0.12 0.00	25.55 0.05 0.00	27.72 -0.09 0.00	28.39 0.23 0.00	27.34 0.65 0.00	26.80 0.50 0.00	29.22 0.29 0.00	29.64 0.27 0.00	29.01 0.35 0.00	29.20 0.32 0.00	30.06 0.35 0.00	41.76 0.51 0.00	35.18 0.66 0.00	31.42 0.28 0.00	31.05 0.12 0.00	29.10 0.18 0.00	25.45 0.46 0.00	22.90 0.52 0.00
HYLAND___LFGE 323620	25.47 1.48 0.00	24.75 1.23 0.00	21.37 0.98 0.00	20.14 0.76 0.00	21.30 0.99 0.00	21.35 1.09 0.00	22.61 1.35 0.00	26.94 1.44 0.00	29.23 1.42 0.00	29.58 1.41 0.00	28.33 1.65 0.00	27.80 1.50 0.00	30.22 1.30 0.00	30.58 1.21 0.00	29.76 1.10 0.00	29.93 1.06 0.00	30.94 1.22 0.00	43.19 1.94 0.00	36.28 1.77 0.00	32.90 1.76 0.00	32.97 2.05 0.00	31.03 2.12 0.00	26.97 1.98 0.00	24.09 1.72 0.00
INDECK___CORINTH 23802	25.13 1.14 0.00	24.64 1.12 0.00	21.36 0.97 0.00	20.31 0.93 0.00	21.23 0.91 0.00	21.18 0.92 0.00	22.27 1.01 0.00	26.73 1.23 0.00	29.19 1.38 0.00	29.34 1.17 0.00	27.44 0.75 0.00	21.00 0.77 6.07	29.78 0.89 0.03	30.41 1.04 0.00	29.27 0.91 0.30	29.40 0.62 0.10	30.53 0.81 0.00	42.51 1.26 0.00	35.87 1.36 0.00	32.55 1.42 0.00	32.70 1.78 0.00	30.58 1.67 0.00	26.24 1.24 0.00	23.55 1.17 0.00
INDECK___ILION 23567	24.00 0.01 0.00	23.49 -0.04 0.00	20.35 -0.04 0.00	19.35 -0.03 0.00	20.24 -0.08 0.00	20.15 -0.11 0.00	21.23 -0.02 0.00	25.45 -0.05 0.00	27.79 -0.02 0.00	28.07 -0.09 0.00	26.54 -0.15 0.00	26.17 -0.13 0.00	28.89 -0.04 0.00	29.37 0.00 0.00	28.57 -0.10 0.00	28.75 -0.13 0.00	29.59 -0.13 0.00	41.09 -0.16 0.00	34.39 -0.12 0.00	31.20 0.07 0.00	31.00 0.09 0.00	28.97 0.06 0.00	24.97 -0.03 0.00	22.35 -0.02 0.00
INDECK___OLEAN 23982	24.71 0.72 0.00	24.02 0.49 0.00	20.73 0.34 0.00	19.56 0.18 0.00	20.71 0.39 0.00	20.72 0.47 0.00	21.96 0.70 0.00	26.31 0.81 0.00	28.75 0.94 0.00	29.45 1.28 0.00	28.36 1.67 0.00	27.71 1.41 0.00	30.13 1.21 0.00	30.48 1.12 0.00	29.81 1.15 0.00	29.96 1.09 0.00	30.87 1.15 0.00	42.68 1.43 0.00	35.69 1.18 0.00	31.88 0.75 0.00	31.52 0.60 0.00	29.46 0.55 0.00	25.91 0.91 0.00	23.23 0.86 0.00
INDECK___OSWEGO 23783	23.60 -0.39 0.00	23.10 -0.42 0.00	20.00 -0.39 0.00	18.99 -0.40 0.00	19.93 -0.39 0.00	19.89 -0.37 0.00	20.87 -0.39 0.00	24.90 -0.60 0.00	27.13 -0.68 0.00	27.51 -0.65 0.00	26.15 -0.54 0.00	25.77 -0.53 0.00	28.34 -0.58 0.00	28.77 -0.59 0.00	28.09 -0.58 0.00	28.33 -0.55 0.00	29.16 -0.55 0.00	40.51 -0.74 0.00	33.91 -0.60 0.00	30.55 -0.58 0.00	30.32 -0.60 0.00	28.35 -0.56 0.00	24.50 -0.49 0.00	21.95 -0.43 0.00



INDECK___YERKES 23781	24.61 0.61 0.00	23.80 0.28 0.00	20.49 0.09 0.00	19.26 -0.13 0.00	20.44 0.12 0.00	20.47 0.21 0.00	21.58 0.32 0.00	25.76 0.26 0.00	27.88 0.07 0.00	28.57 0.40 0.00	27.53 0.85 0.00	27.03 0.73 0.00	29.47 0.54 0.00	29.93 0.56 0.00	29.33 0.67 0.00	29.52 0.64 0.00	30.39 0.68 0.00	42.18 0.93 0.00	35.55 1.04 0.00	31.72 0.59 0.00	31.33 0.41 0.00	29.37 0.46 0.00	25.69 0.69 0.00	23.11 0.74 0.00
INDIAN POINT_GT_1 24139	25.13 1.14 0.00	24.54 1.01 0.00	21.27 0.88 0.00	20.22 0.84 0.00	21.11 0.79 0.00	21.09 0.83 0.00	22.29 1.03 0.00	26.77 1.27 0.00	29.28 1.47 0.00	29.65 1.49 0.00	28.18 1.49 0.00	33.54 1.53 -5.70	30.74 1.79 -0.03	31.15 1.78 0.00	30.68 1.74 -0.28	30.76 1.78 -0.10	31.48 1.76 0.00	43.49 2.24 0.00	36.13 1.62 0.00	32.55 1.42 0.00	32.36 1.44 0.00	30.22 1.31 0.00	26.15 1.15 0.00	23.46 1.09 0.00
INDIAN POINT_GT_2 23659	25.13 1.14 0.00	24.54 1.01 0.00	21.27 0.88 0.00	20.22 0.84 0.00	21.11 0.79 0.00	21.09 0.83 0.00	22.29 1.03 0.00	26.77 1.27 0.00	29.28 1.47 0.00	29.65 1.49 0.00	28.18 1.49 0.00	33.54 1.53 -5.70	30.74 1.79 -0.03	31.15 1.78 0.00	30.68 1.74 -0.28	30.76 1.78 -0.10	31.48 1.76 0.00	43.49 2.24 0.00	36.13 1.62 0.00	32.55 1.42 0.00	32.36 1.44 0.00	30.22 1.31 0.00	26.15 1.15 0.00	23.46 1.09 0.00
INDIAN POINT_GT_3 24019	25.13 1.14 0.00	24.54 1.01 0.00	21.27 0.88 0.00	20.22 0.84 0.00	21.11 0.79 0.00	21.09 0.83 0.00	22.29 1.03 0.00	26.77 1.27 0.00	29.28 1.47 0.00	29.65 1.49 0.00	28.18 1.49 0.00	33.54 1.53 -5.70	30.74 1.79 -0.03	31.15 1.78 0.00	30.68 1.74 -0.28	30.76 1.78 -0.10	31.48 1.76 0.00	43.49 2.24 0.00	36.13 1.62 0.00	32.55 1.42 0.00	32.36 1.44 0.00	30.22 1.31 0.00	26.15 1.15 0.00	23.46 1.09 0.00
INDIAN POINT___2 23530	25.09 1.10 0.00	24.50 0.98 0.00	21.24 0.84 0.00	20.19 0.80 0.00	21.07 0.75 0.00	21.05 0.80 0.00	22.25 0.99 0.00	26.73 1.22 0.00	29.23 1.43 0.00	29.61 1.44 0.00	28.15 1.46 0.00	33.32 1.50 -5.52	30.71 1.76 -0.03	31.11 1.73 0.00	30.63 1.69 -0.27	30.71 1.74 -0.09	31.44 1.73 0.00	43.43 2.18 0.00	36.07 1.56 0.00	32.51 1.38 0.00	32.30 1.38 0.00	30.16 1.25 0.00	26.10 1.11 0.00	23.43 1.06 0.00
INDIAN POINT___3 23531	25.10 1.11 0.00	24.51 0.99 0.00	21.25 0.86 0.00	20.20 0.82 0.00	21.09 0.77 0.00	21.07 0.81 0.00	22.26 1.00 0.00	26.74 1.24 0.00	29.25 1.44 0.00	29.61 1.45 0.00	28.14 1.46 0.00	33.51 1.50 -5.71	30.71 1.75 -0.03	31.11 1.73 0.00	30.63 1.69 -0.28	30.71 1.73 -0.10	31.43 1.72 0.00	43.43 2.18 0.00	36.07 1.56 0.00	32.51 1.38 0.00	32.31 1.40 0.00	30.18 1.27 0.00	26.11 1.12 0.00	23.43 1.06 0.00
INGHAM_C_115KV_TB7 356103	23.79 -0.20 0.00	23.26 -0.27 0.00	20.13 -0.26 0.00	19.17 -0.21 0.00	19.99 -0.33 0.00	19.85 -0.41 0.00	20.99 -0.27 0.00	25.18 -0.32 0.00	27.56 -0.25 0.00	27.75 -0.42 0.00	26.13 -0.56 0.00	25.79 -0.51 0.00	28.60 -0.32 0.00	29.13 -0.23 0.00	28.20 -0.46 0.00	28.31 -0.57 0.00	29.15 -0.56 0.00	40.50 -0.76 0.00	33.88 -0.63 0.00	30.97 -0.16 0.00	30.84 -0.09 0.00	28.77 -0.14 0.00	24.72 -0.27 0.00	22.13 -0.25 0.00
IP CORINTH___1 23988	25.25 1.26 0.00	24.77 1.24 0.00	21.47 1.08 0.00	20.42 1.03 0.00	21.35 1.03 0.00	21.29 1.03 0.00	22.39 1.13 0.00	26.88 1.37 0.00	29.35 1.54 0.00	29.50 1.33 0.00	27.60 0.91 0.00	21.16 0.93 6.07	29.96 1.07 0.03	30.59 1.22 0.00	29.44 1.07 0.30	29.57 0.80 0.10	30.70 0.99 0.00	42.75 1.50 0.00	36.07 1.56 0.00	32.73 1.60 0.00	32.88 1.96 0.00	30.75 1.84 0.00	26.39 1.40 0.00	23.67 1.30 0.00
IP___TICONDEROGA 23804	26.73 2.74 0.00	26.27 2.75 0.00	22.70 2.31 0.00	21.60 2.22 0.00	22.56 2.25 0.00	22.59 2.33 0.00	23.69 2.44 0.00	28.35 2.85 0.00	30.89 3.08 0.00	30.81 2.65 0.00	28.85 2.16 0.00	22.38 2.29 6.21	31.53 2.64 0.03	32.30 2.93 0.00	30.89 2.53 0.30	31.26 2.48 0.11	32.60 2.88 0.00	45.53 4.28 0.00	38.30 3.79 0.00	34.75 3.62 0.00	34.92 4.00 0.00	32.71 3.80 0.00	27.92 2.93 0.00	25.13 2.76 0.00
ISLIP_RES_REC 323679	25.68 1.69 0.00	25.07 1.55 0.00	21.71 1.32 0.00	20.57 1.19 0.00	21.41 1.09 0.00	21.38 1.13 0.00	22.63 1.37 0.00	27.26 1.76 0.00	29.94 2.13 0.00	30.33 2.16 0.00	29.03 2.34 0.00	34.39 2.27 -5.82	31.42 2.47 -0.03	31.85 2.48 0.00	31.60 2.65 -0.29	41.44 2.83 -9.74	32.59 2.88 0.00	44.76 3.50 0.00	37.17 2.66 0.00	33.51 2.38 0.00	33.29 2.37 0.00	31.21 2.30 0.00	26.93 1.94 0.00	24.10 1.73 0.00
JAMAICA__27_KV_LOAD 355505	25.43 1.44 0.00	24.79 1.27 0.00	21.51 1.12 0.00	20.45 1.07 0.00	21.34 1.02 0.00	21.34 1.08 0.00	22.57 1.31 0.00	27.16 1.65 0.00	29.71 1.90 0.00	30.10 1.93 0.00	28.47 1.78 0.00	33.97 1.86 -5.82	31.06 2.11 -0.03	31.44 2.08 0.00	30.99 2.04 -0.28	31.06 2.09 -0.10	31.77 2.05 0.00	43.84 2.59 0.00	36.39 1.88 0.00	32.79 1.66 0.00	32.66 1.74 0.00	30.51 1.60 0.00	26.51 1.52 0.00	23.73 1.36 0.00
JANIS___SOLAR 323808	25.12 1.13 0.00	24.54 1.01 0.00	21.21 0.82 0.00	20.11 0.72 0.00	21.14 0.83 0.00	21.15 0.89 0.00	22.34 1.08 0.00	26.78 1.28 0.00	29.09 1.28 0.00	29.50 1.34 0.00	28.01 1.32 0.00	27.25 0.95 0.00	29.92 1.00 0.00	30.42 1.05 0.00	29.89 1.23 0.00	30.39 1.51 0.00	31.23 1.51 0.00	43.44 2.19 0.00	36.56 2.05 0.00	33.02 1.89 0.00	32.80 1.88 0.00	30.61 1.70 0.00	26.45 1.45 0.00	23.55 1.18 0.00
JARVIS____ 23743	24.05 0.06 0.00	23.56 0.03 0.00	20.43 0.04 0.00	19.40 0.02 0.00	20.34 0.02 0.00	20.28 0.02 0.00	21.30 0.04 0.00	25.53 0.03 0.00	27.84 0.03 0.00	28.20 0.03 0.00	26.73 0.04 0.00	26.33 0.03 0.00	28.98 0.06 0.00	29.45 0.08 0.00	28.72 0.06 0.00	28.93 0.05 0.00	29.77 0.06 0.00	41.32 0.06 0.00	34.55 0.04 0.00	31.20 0.06 0.00	30.98 0.06 0.00	28.97 0.06 0.00	25.03 0.04 0.00	22.42 0.05 0.00
JENNISON___1 23625	25.25 1.26 0.00	24.65 1.12 0.00	21.31 0.92 0.00	20.22 0.84 0.00	21.23 0.91 0.00	21.24 0.98 0.00	22.45 1.20 0.00	26.95 1.45 0.00	29.36 1.55 0.00	29.81 1.65 0.00	28.39 1.71 0.00	27.87 1.57 0.00	30.62 1.70 0.00	31.05 1.68 0.00	30.30 1.64 0.00	30.75 1.87 0.00	31.62 1.91 0.00	43.92 2.67 0.00	36.81 2.30 0.00	33.19 2.06 0.00	32.91 1.99 0.00	30.71 1.80 0.00	26.56 1.57 0.00	23.66 1.29 0.00
JENNISON___2 23626	25.25 1.26 0.00	24.65 1.12 0.00	21.31 0.92 0.00	20.22 0.84 0.00	21.23 0.91 0.00	21.24 0.98 0.00	22.45 1.20 0.00	26.95 1.45 0.00	29.36 1.55 0.00	29.81 1.65 0.00	28.39 1.71 0.00	27.87 1.57 0.00	30.62 1.70 0.00	31.05 1.68 0.00	30.30 1.64 0.00	30.75 1.87 0.00	31.62 1.91 0.00	43.92 2.67 0.00	36.81 2.30 0.00	33.19 2.06 0.00	32.91 1.99 0.00	30.71 1.80 0.00	26.56 1.57 0.00	23.66 1.29 0.00

JERICO_RISE_WT_PWR 323719	24.39 0.40 0.00	23.93 0.41 0.00	20.77 0.37 0.00	19.82 0.43 0.00	20.77 0.45 0.00	20.69 0.44 0.00	21.69 0.43 0.00	26.12 0.62 0.00	28.41 0.60 0.00	28.69 0.52 0.00	27.13 0.45 0.00	26.74 0.44 0.00	29.35 0.43 0.00	29.85 0.49 0.00	29.09 0.43 0.00	29.30 0.43 0.00	30.23 0.51 0.00	42.20 0.95 0.00	35.46 0.95 0.00	32.03 0.90 0.00	31.77 0.85 0.00	29.62 0.71 0.00	25.46 0.47 0.00	22.68 0.31 0.00
KATONAH__115KV_46KV_TB4 355592	25.30 1.31 0.00	24.71 1.18 0.00	21.43 1.04 0.00	20.37 0.98 0.00	21.26 0.94 0.00	21.24 0.98 0.00	22.45 1.19 0.00	26.96 1.46 0.00	29.51 1.70 0.00	29.88 1.71 0.00	28.38 1.70 0.00	33.76 1.72 -5.74	30.95 2.00 -0.03	31.38 2.01 0.00	30.91 1.97 -0.28	31.00 2.02 -0.10	31.73 2.01 0.00	43.85 2.60 0.00	36.43 1.92 0.00	32.83 1.70 0.00	32.63 1.71 0.00	30.47 1.56 0.00	26.34 1.35 0.00	23.61 1.24 0.00
KCE_NY_1 323755	25.29 1.30 0.00	24.79 1.26 0.00	21.46 1.07 0.00	20.41 1.02 0.00	21.34 1.02 0.00	21.28 1.02 0.00	22.41 1.15 0.00	26.86 1.36 0.00	29.37 1.56 0.00	29.58 1.41 0.00	27.85 1.17 0.00	21.04 1.15 6.41	30.22 1.33 0.03	30.84 1.47 0.00	29.68 1.33 0.31	29.98 1.21 0.11	31.10 1.39 0.00	43.17 1.92 0.00	36.17 1.66 0.00	32.82 1.69 0.00	32.78 1.86 0.00	30.65 1.74 0.00	26.33 1.34 0.00	23.61 1.24 0.00
KCE_NY_6_ESR 323823	24.60 0.61 0.00	23.84 0.31 0.00	20.54 0.14 0.00	19.33 -0.06 0.00	20.47 0.15 0.00	20.51 0.25 0.00	21.66 0.40 0.00	25.92 0.41 0.00	28.16 0.35 0.00	28.87 0.70 0.00	27.83 1.14 0.00	27.29 0.99 0.00	29.75 0.82 0.00	30.16 0.79 0.00	29.50 0.84 0.00	29.68 0.80 0.00	30.60 0.89 0.00	42.51 1.26 0.00	35.77 1.26 0.00	31.95 0.81 0.00	31.55 0.63 0.00	29.54 0.63 0.00	25.83 0.84 0.00	23.19 0.81 0.00
KEDC_PORT_JEFF_GT2 24210	25.52 1.53 0.00	24.92 1.39 0.00	21.58 1.18 0.00	20.45 1.07 0.00	21.28 0.96 0.00	21.24 0.98 0.00	22.43 1.17 0.00	26.99 1.49 0.00	29.62 1.81 0.00	30.01 1.84 0.00	28.71 2.03 0.00	34.09 1.97 -5.82	31.12 2.16 -0.03	31.53 2.17 0.00	31.26 2.31 -0.29	41.11 2.50 -9.74	32.21 2.50 0.00	44.23 2.98 0.00	36.76 2.25 0.00	33.15 2.02 0.00	32.94 2.02 0.00	30.89 1.98 0.00	26.70 1.70 0.00	23.94 1.56 0.00
KEDC_PORT_JEFF_GT3 24211	25.52 1.53 0.00	24.92 1.39 0.00	21.58 1.18 0.00	20.45 1.07 0.00	21.28 0.96 0.00	21.24 0.98 0.00	22.43 1.17 0.00	26.99 1.49 0.00	29.62 1.81 0.00	30.01 1.84 0.00	28.71 2.03 0.00	34.09 1.97 -5.82	31.12 2.16 -0.03	31.53 2.17 0.00	31.26 2.31 -0.29	41.11 2.50 -9.74	32.21 2.50 0.00	44.23 2.98 0.00	36.76 2.25 0.00	33.15 2.02 0.00	32.94 2.02 0.00	30.89 1.98 0.00	26.70 1.70 0.00	23.94 1.56 0.00
KEDC_GLWD_GT4 24219	25.47 1.48 0.00	24.85 1.33 0.00	21.53 1.14 0.00	20.45 1.06 0.00	21.33 1.01 0.00	21.32 1.06 0.00	22.54 1.28 0.00	27.11 1.61 0.00	29.70 1.89 0.00	30.09 1.92 0.00	28.71 2.02 0.00	34.15 2.03 -5.82	31.28 2.32 -0.03	31.69 2.33 0.00	31.25 2.31 -0.29	41.01 2.40 -9.74	31.87 2.16 0.00	43.90 2.65 0.00	36.44 1.93 0.00	33.05 1.92 0.00	32.86 1.94 0.00	30.73 1.82 0.00	26.55 1.55 0.00	23.78 1.41 0.00
KEDC_GLWD_GT5 24220	25.47 1.48 0.00	24.85 1.33 0.00	21.53 1.14 0.00	20.45 1.06 0.00	21.33 1.01 0.00	21.32 1.06 0.00	22.54 1.28 0.00	27.11 1.61 0.00	29.70 1.89 0.00	30.09 1.92 0.00	28.71 2.02 0.00	34.15 2.03 -5.82	31.28 2.32 -0.03	31.69 2.33 0.00	31.25 2.31 -0.29	41.01 2.40 -9.74	31.87 2.16 0.00	43.90 2.65 0.00	36.44 1.93 0.00	33.05 1.92 0.00	32.86 1.94 0.00	30.73 1.82 0.00	26.55 1.55 0.00	23.78 1.41 0.00
KENSICO____ 23655	25.20 1.22 0.00	24.61 1.09 0.00	21.34 0.95 0.00	20.29 0.90 0.00	21.17 0.86 0.00	21.16 0.89 0.00	22.36 1.10 0.00	26.86 1.35 0.00	29.39 1.58 0.00	29.76 1.59 0.00	28.28 1.59 0.00	33.74 1.63 -5.80	30.85 1.90 -0.03	31.26 1.89 0.00	30.78 1.83 -0.28	30.86 1.88 -0.10	31.56 1.85 0.00	43.60 2.35 0.00	36.20 1.69 0.00	32.63 1.50 0.00	32.44 1.52 0.00	30.30 1.39 0.00	26.21 1.22 0.00	23.52 1.15 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	25.16 1.17 0.00	24.55 1.02 0.00	21.27 0.88 0.00	20.21 0.82 0.00	21.11 0.79 0.00	21.08 0.83 0.00	22.28 1.02 0.00	26.76 1.26 0.00	29.26 1.45 0.00	29.62 1.46 0.00	28.14 1.46 0.00	30.84 1.44 -3.10	30.58 1.64 -0.02	31.05 1.69 0.00	30.40 1.59 -0.15	30.66 1.72 -0.05	31.52 1.80 0.00	43.66 2.41 0.00	36.28 1.77 0.00	32.68 1.54 0.00	32.46 1.54 0.00	30.36 1.44 0.00	26.23 1.24 0.00	23.51 1.13 0.00
KIAC_JFK_GT1 23816	25.29 1.30 0.00	24.66 1.14 0.00	21.41 1.01 0.00	20.35 0.97 0.00	21.24 0.92 0.00	21.24 0.98 0.00	22.45 1.20 0.00	27.01 1.51 0.00	29.57 1.76 0.00	29.94 1.77 0.00	28.32 1.63 0.00	33.82 1.70 -5.82	30.84 1.89 -0.03	31.14 1.77 0.00	30.72 1.78 -0.28	30.79 1.81 -0.10	31.49 1.78 0.00	43.44 2.19 0.00	36.07 1.56 0.00	32.51 1.38 0.00	32.38 1.46 0.00	30.25 1.33 0.00	26.36 1.37 0.00	23.60 1.23 0.00
KIAC_JFK_GT2 23817	25.29 1.30 0.00	24.66 1.14 0.00	21.41 1.01 0.00	20.35 0.97 0.00	21.24 0.92 0.00	21.24 0.98 0.00	22.45 1.20 0.00	27.01 1.51 0.00	29.57 1.76 0.00	29.94 1.77 0.00	28.32 1.63 0.00	33.82 1.70 -5.82	30.84 1.89 -0.03	31.14 1.77 0.00	30.72 1.78 -0.28	30.79 1.81 -0.10	31.49 1.78 0.00	43.44 2.19 0.00	36.07 1.56 0.00	32.51 1.38 0.00	32.38 1.46 0.00	30.25 1.33 0.00	26.36 1.37 0.00	23.60 1.23 0.00
KIAC_JFK____ 323774	25.29 1.30 0.00	24.67 1.14 0.00	21.41 1.01 0.00	20.36 0.97 0.00	21.23 0.91 0.00	21.23 0.98 0.00	22.45 1.19 0.00	27.01 1.51 0.00	29.57 1.76 0.00	29.94 1.78 0.00	28.32 1.63 0.00	33.82 1.70 -5.82	30.84 1.89 -0.03	31.14 1.77 0.00	30.72 1.78 -0.28	30.79 1.81 -0.10	31.50 1.78 0.00	43.44 2.19 0.00	36.07 1.56 0.00	32.51 1.38 0.00	32.38 1.46 0.00	30.25 1.34 0.00	26.36 1.37 0.00	23.60 1.23 0.00
KINTIGH____ 23543	24.25 0.26 0.00	23.50 -0.02 0.00	20.24 -0.16 0.00	19.05 -0.33 0.00	20.18 -0.14 0.00	20.21 -0.05 0.00	21.27 0.01 0.00	25.42 -0.09 0.00	27.58 -0.23 0.00	28.20 0.04 0.00	27.09 0.40 0.00	26.57 0.27 0.00	28.99 0.07 0.00	29.40 0.03 0.00	28.78 0.12 0.00	28.98 0.10 0.00	29.83 0.12 0.00	41.45 0.20 0.00	34.88 0.37 0.00	31.21 0.08 0.00	30.86 -0.06 0.00	28.90 -0.01 0.00	25.25 0.26 0.00	22.71 0.33 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	24.80 0.81 0.00	24.29 0.77 0.00	21.09 0.70 0.00	20.12 0.74 0.00	21.07 0.75 0.00	21.00 0.74 0.00	22.04 0.78 0.00	26.53 1.03 0.00	28.84 1.03 0.00	29.07 0.91 0.00	27.49 0.80 0.00	27.12 0.82 0.00	29.79 0.86 0.00	30.32 0.95 0.00	29.50 0.85 0.00	29.75 0.87 0.00	30.73 1.01 0.00	42.99 1.74 0.00	36.18 1.67 0.00	32.71 1.58 0.00	32.44 1.53 0.00	30.22 1.31 0.00	25.91 0.92 0.00	23.07 0.69 0.00

LACHUTE____HYDRO 323717	26.74 2.75 0.00	26.27 2.75 0.00	22.70 2.31 0.00	21.60 2.22 0.00	22.56 2.25 0.00	22.59 2.33 0.00	23.69 2.43 0.00	28.35 2.85 0.00	30.89 3.08 0.00	30.81 2.65 0.00	28.85 2.16 0.00	22.37 2.28 6.21	31.53 2.64 0.03	32.30 2.93 0.00	30.89 2.53 0.30	31.25 2.48 0.11	32.60 2.88 0.00	45.54 4.28 0.00	38.30 3.79 0.00	34.75 3.62 0.00	34.92 4.00 0.00	32.71 3.80 0.00	27.92 2.93 0.00	25.13 2.76 0.00
LAWRNCAV_115KV_TB1 80681	23.79 -0.20 0.00	23.39 -0.13 0.00	20.25 -0.14 0.00	19.32 -0.07 0.00	20.29 -0.03 0.00	20.24 -0.02 0.00	21.08 -0.18 0.00	25.27 -0.23 0.00	27.46 -0.35 0.00	27.75 -0.42 0.00	26.21 -0.47 0.00	25.82 -0.48 0.00	28.37 -0.55 0.00	28.83 -0.54 0.00	28.11 -0.56 0.00	28.35 -0.53 0.00	29.05 -0.66 0.00	40.41 -0.84 0.00	33.91 -0.59 0.00	30.65 -0.48 0.00	30.47 -0.45 0.00	28.51 -0.40 0.00	24.72 -0.27 0.00	22.23 -0.14 0.00
LEDERLE____ 23769	25.16 1.17 0.00	24.56 1.04 0.00	21.27 0.88 0.00	20.22 0.84 0.00	21.11 0.79 0.00	21.10 0.84 0.00	22.31 1.05 0.00	26.81 1.31 0.00	29.34 1.53 0.00	29.71 1.54 0.00	28.25 1.57 0.00	33.25 1.61 -5.34	30.86 1.90 -0.03	31.27 1.90 0.00	30.76 1.84 -0.26	30.88 1.91 -0.09	31.61 1.90 0.00	43.69 2.44 0.00	36.28 1.77 0.00	32.67 1.54 0.00	32.45 1.53 0.00	30.28 1.37 0.00	26.20 1.21 0.00	23.51 1.14 0.00
LIGHTHSE_115KV_TB6 355974	24.19 0.20 0.00	23.64 0.12 0.00	20.43 0.04 0.00	19.40 0.02 0.00	20.38 0.07 0.00	20.35 0.10 0.00	21.37 0.11 0.00	25.47 -0.04 0.00	27.63 -0.18 0.00	27.88 -0.28 0.00	26.45 -0.24 0.00	26.03 -0.27 0.00	28.60 -0.32 0.00	29.06 -0.30 0.00	28.38 -0.28 0.00	28.60 -0.27 0.00	29.42 -0.30 0.00	41.04 -0.21 0.00	34.48 -0.03 0.00	31.18 0.04 0.00	31.12 0.20 0.00	29.18 0.27 0.00	25.18 0.19 0.00	22.56 0.19 0.00
LINDEN COGEN____ 23786	25.21 1.22 0.00	24.59 1.07 0.00	21.32 0.93 0.00	20.27 0.89 0.00	21.15 0.83 0.00	21.14 0.88 0.00	22.34 1.08 0.00	26.84 1.34 0.00	29.35 1.54 0.00	29.74 1.57 0.00	28.25 1.57 0.00	33.75 1.63 -5.82	30.87 1.91 -0.03	31.24 1.87 0.00	30.72 1.77 -0.28	30.81 1.83 -0.10	31.50 1.79 0.00	43.46 2.21 0.00	36.03 1.52 0.00	32.46 1.33 0.00	32.28 1.36 0.00	30.15 1.24 0.00	26.13 1.14 0.00	23.47 1.09 0.00
LINDHRST_69_KV_BK1 356055	25.71 1.73 0.00	25.09 1.56 0.00	21.73 1.33 0.00	20.60 1.21 0.00	21.47 1.15 0.00	21.45 1.19 0.00	22.70 1.44 0.00	27.35 1.85 0.00	30.00 2.19 0.00	30.38 2.22 0.00	29.06 2.37 0.00	34.43 2.31 -5.82	31.54 2.58 -0.03	31.95 2.59 0.00	31.57 2.62 -0.29	41.42 2.80 -9.74	32.48 2.77 0.00	44.63 3.38 0.00	37.07 2.56 0.00	33.46 2.33 0.00	33.28 2.36 0.00	31.18 2.27 0.00	26.94 1.95 0.00	24.10 1.73 0.00
LIPA_MISC_IPP 23656	25.33 1.34 0.00	24.75 1.23 0.00	21.44 1.05 0.00	20.32 0.94 0.00	21.13 0.81 0.00	21.10 0.84 0.00	22.32 1.06 0.00	26.87 1.37 0.00	29.49 1.68 0.00	29.86 1.70 0.00	28.57 1.88 0.00	33.92 1.80 -5.82	30.95 2.00 -0.03	31.36 1.99 0.00	31.05 2.11 -0.29	40.93 2.31 -9.74	32.00 2.29 0.00	43.98 2.73 0.00	36.57 2.06 0.00	33.04 1.90 0.00	32.84 1.92 0.00	30.77 1.86 0.00	26.55 1.55 0.00	23.76 1.39 0.00
LISF____SOLAR 323691	25.37 1.38 0.00	24.79 1.27 0.00	21.46 1.06 0.00	20.34 0.96 0.00	21.14 0.82 0.00	21.11 0.85 0.00	22.33 1.07 0.00	26.88 1.38 0.00	29.50 1.69 0.00	29.86 1.69 0.00	28.57 1.88 0.00	33.91 1.79 -5.82	30.96 2.00 -0.03	31.38 2.01 0.00	31.04 2.10 -0.29	40.95 2.33 -9.74	32.03 2.31 0.00	44.00 2.75 0.00	36.60 2.09 0.00	33.07 1.94 0.00	32.87 1.95 0.00	30.80 1.89 0.00	26.57 1.58 0.00	23.78 1.40 0.00
LITTLE FALLS____HYD 24013	23.79 -0.20 0.00	23.26 -0.27 0.00	20.13 -0.26 0.00	19.17 -0.21 0.00	19.99 -0.33 0.00	19.85 -0.41 0.00	20.99 -0.27 0.00	25.18 -0.32 0.00	27.56 -0.25 0.00	27.75 -0.42 0.00	26.13 -0.56 0.00	25.79 -0.51 0.00	28.60 -0.32 0.00	29.13 -0.23 0.00	28.20 -0.46 0.00	28.31 -0.57 0.00	29.15 -0.56 0.00	40.50 -0.76 0.00	33.88 -0.63 0.00	30.97 -0.16 0.00	30.84 -0.09 0.00	28.77 -0.14 0.00	24.72 -0.27 0.00	22.13 -0.25 0.00
LITTLRIV_115KV_TB1 356100	24.00 0.01 0.00	23.58 0.06 0.00	20.40 0.01 0.00	19.47 0.09 0.00	20.45 0.14 0.00	20.41 0.15 0.00	21.29 0.03 0.00	25.50 0.00 0.00	27.69 -0.12 0.00	27.98 -0.18 0.00	26.43 -0.26 0.00	26.04 -0.26 0.00	28.68 -0.24 0.00	29.16 -0.21 0.00	28.41 -0.25 0.00	28.67 -0.21 0.00	29.34 -0.37 0.00	40.82 -0.43 0.00	34.29 -0.22 0.00	31.02 -0.11 0.00	30.85 -0.07 0.00	28.86 -0.05 0.00	25.01 0.02 0.00	22.46 0.08 0.00
LI_NEWBRDGE____DRP 323616	25.31 1.32 0.00	24.71 1.18 0.00	21.40 1.01 0.00	20.31 0.93 0.00	21.18 0.86 0.00	21.16 0.90 0.00	22.38 1.12 0.00	26.92 1.42 0.00	29.51 1.70 0.00	29.88 1.72 0.00	28.57 1.89 0.00	33.99 1.87 -5.82	31.06 2.10 -0.03	31.47 2.11 0.00	31.06 2.12 -0.29	40.85 2.23 -9.74	31.90 2.19 0.00	43.86 2.61 0.00	36.42 1.91 0.00	32.86 1.73 0.00	32.67 1.75 0.00	30.60 1.69 0.00	26.43 1.44 0.00	23.68 1.31 0.00
LOCKPORT_115KV_TB60_63_64 80432	24.41 0.42 0.00	23.60 0.08 0.00	20.30 -0.10 0.00	19.08 -0.30 0.00	20.24 -0.07 0.00	20.29 0.04 0.00	21.38 0.12 0.00	25.48 -0.02 0.00	27.60 -0.21 0.00	28.27 0.11 0.00	27.21 0.53 0.00	26.70 0.40 0.00	29.12 0.20 0.00	29.57 0.20 0.00	28.95 0.29 0.00	29.16 0.28 0.00	30.01 0.30 0.00	41.67 0.42 0.00	35.15 0.64 0.00	31.42 0.28 0.00	31.03 0.11 0.00	29.10 0.19 0.00	25.45 0.46 0.00	22.94 0.57 0.00
LOCKPORT____CC1 323769	24.37 0.38 0.00	23.58 0.05 0.00	20.30 -0.10 0.00	19.07 -0.31 0.00	20.25 -0.07 0.00	20.29 0.03 0.00	21.38 0.12 0.00	25.49 -0.02 0.00	27.61 -0.19 0.00	28.28 0.12 0.00	27.22 0.54 0.00	26.71 0.41 0.00	29.12 0.19 0.00	29.56 0.19 0.00	28.94 0.27 0.00	29.14 0.26 0.00	29.98 0.27 0.00	41.64 0.38 0.00	35.12 0.61 0.00	31.38 0.25 0.00	31.01 0.09 0.00	29.07 0.16 0.00	25.44 0.44 0.00	22.92 0.55 0.00
LOCKPORT____CC2 323770	24.37 0.38 0.00	23.58 0.05 0.00	20.30 -0.10 0.00	19.07 -0.31 0.00	20.25 -0.07 0.00	20.29 0.03 0.00	21.38 0.12 0.00	25.49 -0.02 0.00	27.61 -0.19 0.00	28.28 0.12 0.00	27.22 0.54 0.00	26.71 0.41 0.00	29.12 0.19 0.00	29.56 0.19 0.00	28.94 0.27 0.00	29.14 0.26 0.00	29.98 0.27 0.00	41.64 0.38 0.00	35.12 0.61 0.00	31.38 0.25 0.00	31.01 0.09 0.00	29.07 0.16 0.00	25.44 0.44 0.00	22.92 0.55 0.00
LOCKPORT____CC3 323771	24.37 0.38 0.00	23.58 0.05 0.00	20.30 -0.10 0.00	19.07 -0.31 0.00	20.25 -0.07 0.00	20.29 0.03 0.00	21.38 0.12 0.00	25.49 -0.02 0.00	27.61 -0.19 0.00	28.28 0.12 0.00	27.22 0.54 0.00	26.71 0.41 0.00	29.12 0.19 0.00	29.56 0.19 0.00	28.94 0.27 0.00	29.14 0.26 0.00	29.98 0.27 0.00	41.64 0.38 0.00	35.12 0.61 0.00	31.38 0.25 0.00	31.01 0.09 0.00	29.07 0.16 0.00	25.44 0.44 0.00	22.92 0.55 0.00

LONG_LAKE_PHOENIX 24014	23.74 -0.25 0.00	23.22 -0.31 0.00	20.09 -0.30 0.00	19.07 -0.32 0.00	20.03 -0.29 0.00	19.99 -0.27 0.00	20.99 -0.26 0.00	25.07 -0.43 0.00	27.31 -0.50 0.00	27.68 -0.49 0.00	26.34 -0.35 0.00	25.95 -0.35 0.00	28.57 -0.36 0.00	28.98 -0.38 0.00	28.32 -0.34 0.00	28.56 -0.32 0.00	29.41 -0.31 0.00	40.88 -0.37 0.00	34.21 -0.30 0.00	30.83 -0.31 0.00	30.60 -0.32 0.00	28.60 -0.31 0.00	24.72 -0.27 0.00	22.12 -0.25 0.00
LOVETT___3 23632	25.05 1.06 0.00	24.46 0.93 0.00	21.20 0.81 0.00	20.16 0.77 0.00	21.03 0.71 0.00	21.02 0.76 0.00	22.21 0.96 0.00	26.69 1.19 0.00	29.20 1.39 0.00	29.56 1.40 0.00	28.11 1.42 0.00	33.16 1.46 -5.39	30.68 1.73 -0.03	31.08 1.71 0.00	30.58 1.66 -0.27	30.68 1.71 -0.09	31.42 1.70 0.00	43.42 2.17 0.00	36.06 1.55 0.00	32.48 1.35 0.00	32.27 1.35 0.00	30.12 1.21 0.00	26.07 1.08 0.00	23.40 1.03 0.00
LOVETT___4 23642	25.05 1.06 0.00	24.46 0.93 0.00	21.20 0.81 0.00	20.16 0.77 0.00	21.03 0.71 0.00	21.02 0.76 0.00	22.21 0.96 0.00	26.69 1.19 0.00	29.20 1.39 0.00	29.56 1.40 0.00	28.11 1.42 0.00	33.16 1.46 -5.39	30.68 1.73 -0.03	31.08 1.71 0.00	30.58 1.66 -0.27	30.68 1.71 -0.09	31.42 1.70 0.00	43.42 2.17 0.00	36.06 1.55 0.00	32.48 1.35 0.00	32.27 1.35 0.00	30.12 1.21 0.00	26.07 1.08 0.00	23.40 1.03 0.00
LOVETT___5 23593	25.05 1.06 0.00	24.46 0.93 0.00	21.20 0.81 0.00	20.16 0.77 0.00	21.03 0.71 0.00	21.02 0.76 0.00	22.21 0.96 0.00	26.69 1.19 0.00	29.20 1.39 0.00	29.56 1.40 0.00	28.11 1.42 0.00	33.16 1.46 -5.39	30.68 1.73 -0.03	31.08 1.71 0.00	30.58 1.66 -0.27	30.68 1.71 -0.09	31.42 1.70 0.00	43.42 2.17 0.00	36.06 1.55 0.00	32.48 1.35 0.00	32.27 1.35 0.00	30.12 1.21 0.00	26.07 1.08 0.00	23.40 1.03 0.00
LOWER_RAQUET___HYD 24057	23.79 -0.19 0.00	23.39 -0.13 0.00	20.25 -0.14 0.00	19.32 -0.07 0.00	20.29 -0.02 0.00	20.24 -0.02 0.00	21.06 -0.20 0.00	25.22 -0.28 0.00	27.40 -0.41 0.00	27.67 -0.49 0.00	26.14 -0.55 0.00	25.74 -0.56 0.00	28.30 -0.62 0.00	28.75 -0.62 0.00	28.04 -0.62 0.00	28.28 -0.60 0.00	28.96 -0.75 0.00	40.27 -0.98 0.00	33.81 -0.70 0.00	30.57 -0.56 0.00	30.40 -0.51 0.00	28.44 -0.47 0.00	24.67 -0.32 0.00	22.22 -0.15 0.00
LOWER___HUDSON 24059	24.87 0.88 0.00	24.40 0.87 0.00	21.18 0.78 0.00	20.14 0.75 0.00	21.03 0.71 0.00	20.91 0.65 0.00	22.03 0.77 0.00	26.40 0.90 0.00	28.85 1.04 0.00	29.07 0.91 0.00	27.41 0.72 0.00	18.81 0.73 8.23	29.77 0.89 0.04	30.36 0.99 0.00	29.08 0.82 0.40	29.43 0.68 0.14	30.51 0.80 0.00	42.29 1.04 0.00	35.35 0.85 0.00	32.12 0.99 0.00	32.01 1.09 0.00	29.95 1.04 0.00	25.77 0.77 0.00	23.16 0.79 0.00
LOWVILLE_115KV_TB2 356335	24.60 0.61 0.00	24.07 0.55 0.00	20.80 0.41 0.00	19.78 0.40 0.00	20.77 0.45 0.00	20.74 0.48 0.00	21.76 0.50 0.00	25.93 0.43 0.00	28.02 0.21 0.00	28.16 -0.01 0.00	26.61 -0.08 0.00	26.18 -0.12 0.00	28.80 -0.12 0.00	29.27 -0.09 0.00	28.55 -0.11 0.00	28.83 -0.05 0.00	29.71 0.00 0.00	41.49 0.24 0.00	34.93 0.42 0.00	31.67 0.54 0.00	31.66 0.74 0.00	29.60 0.69 0.00	25.57 0.58 0.00	22.91 0.53 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	25.26 1.27 0.00	24.77 1.24 0.00	21.47 1.08 0.00	20.42 1.03 0.00	21.35 1.03 0.00	21.27 1.01 0.00	22.40 1.14 0.00	26.86 1.35 0.00	29.36 1.55 0.00	29.57 1.41 0.00	27.84 1.15 0.00	21.03 1.15 6.41	30.20 1.31 0.03	30.80 1.43 0.00	29.65 1.30 0.31	29.94 1.18 0.11	31.04 1.33 0.00	43.11 1.86 0.00	36.15 1.64 0.00	32.79 1.66 0.00	32.74 1.82 0.00	30.60 1.69 0.00	26.32 1.33 0.00	23.61 1.24 0.00
LUTHERNY_35_KV_BK2 355980	25.29 1.29 0.00	24.78 1.26 0.00	21.46 1.07 0.00	20.41 1.02 0.00	21.34 1.02 0.00	21.28 1.02 0.00	22.41 1.15 0.00	26.87 1.36 0.00	29.37 1.56 0.00	29.58 1.42 0.00	27.85 1.17 0.00	21.04 1.15 6.41	30.22 1.33 0.03	30.84 1.47 0.00	29.68 1.34 0.31	29.97 1.21 0.11	31.10 1.39 0.00	43.17 1.92 0.00	36.17 1.66 0.00	32.82 1.69 0.00	32.78 1.86 0.00	30.64 1.73 0.00	26.34 1.34 0.00	23.62 1.24 0.00
LWR___OSWEGATCHIE_HYD 23850	24.18 0.18 0.00	23.70 0.18 0.00	20.51 0.12 0.00	19.53 0.14 0.00	20.51 0.20 0.00	20.47 0.21 0.00	21.39 0.13 0.00	25.54 0.03 0.00	27.65 -0.16 0.00	27.86 -0.30 0.00	26.32 -0.37 0.00	25.90 -0.40 0.00	28.46 -0.47 0.00	28.91 -0.46 0.00	28.22 -0.44 0.00	28.48 -0.40 0.00	29.27 -0.45 0.00	40.81 -0.44 0.00	34.33 -0.18 0.00	31.10 -0.03 0.00	31.03 0.11 0.00	29.03 0.11 0.00	25.12 0.13 0.00	22.57 0.20 0.00
LYONS_FALL_HYD 23570	24.53 0.54 0.00	24.00 0.48 0.00	20.76 0.37 0.00	19.73 0.35 0.00	20.71 0.39 0.00	20.68 0.42 0.00	21.72 0.46 0.00	25.93 0.43 0.00	28.14 0.33 0.00	28.40 0.23 0.00	26.90 0.21 0.00	26.49 0.19 0.00	29.21 0.28 0.00	29.69 0.32 0.00	28.92 0.25 0.00	29.20 0.32 0.00	30.09 0.38 0.00	41.96 0.71 0.00	35.24 0.73 0.00	31.90 0.76 0.00	31.78 0.86 0.00	29.68 0.77 0.00	25.62 0.62 0.00	22.90 0.53 0.00
MADISON___COUNTY_LFGE 323628	24.62 0.62 0.00	24.07 0.54 0.00	20.81 0.42 0.00	19.76 0.38 0.00	20.73 0.41 0.00	20.70 0.45 0.00	21.79 0.53 0.00	26.04 0.53 0.00	28.32 0.51 0.00	28.65 0.49 0.00	27.22 0.54 0.00	26.82 0.52 0.00	29.64 0.71 0.00	30.12 0.75 0.00	29.34 0.68 0.00	29.63 0.75 0.00	30.56 0.85 0.00	42.55 1.30 0.00	35.65 1.14 0.00	32.21 1.08 0.00	31.99 1.07 0.00	29.86 0.94 0.00	25.74 0.75 0.00	22.98 0.60 0.00
MALONE___115KV_TB1 356076	24.42 0.43 0.00	23.97 0.44 0.00	20.78 0.38 0.00	19.83 0.44 0.00	20.80 0.48 0.00	20.74 0.48 0.00	21.72 0.46 0.00	26.14 0.64 0.00	28.42 0.61 0.00	28.69 0.52 0.00	27.16 0.47 0.00	26.76 0.46 0.00	29.36 0.43 0.00	29.88 0.51 0.00	29.08 0.42 0.00	29.33 0.45 0.00	30.19 0.48 0.00	42.13 0.88 0.00	35.44 0.93 0.00	31.99 0.85 0.00	31.77 0.85 0.00	29.62 0.71 0.00	25.52 0.52 0.00	22.75 0.38 0.00
MAPLEWOD_115KV_TB3 80458	24.80 0.81 0.00	24.30 0.78 0.00	21.09 0.70 0.00	20.05 0.67 0.00	20.95 0.64 0.00	20.86 0.61 0.00	21.97 0.71 0.00	26.29 0.79 0.00	28.79 0.98 0.00	29.06 0.89 0.00	27.45 0.76 0.00	21.36 0.77 5.71	29.81 0.91 0.03	30.37 1.00 0.00	29.26 0.88 0.28	29.61 0.83 0.10	30.61 0.90 0.00	42.45 1.20 0.00	35.56 1.05 0.00	32.22 1.09 0.00	32.06 1.14 0.00	29.98 1.07 0.00	25.80 0.80 0.00	23.13 0.75 0.00
MAPLE_RIDGE_WT_1 323574	23.66 -0.33 0.00	23.13 -0.39 0.00	20.11 -0.28 0.00	19.18 -0.20 0.00	20.16 -0.16 0.00	20.11 -0.15 0.00	21.05 -0.21 0.00	25.33 -0.17 0.00	27.62 -0.19 0.00	27.95 -0.22 0.00	26.44 -0.25 0.00	26.01 -0.29 0.00	28.58 -0.34 0.00	28.99 -0.38 0.00	28.27 -0.39 0.00	28.53 -0.35 0.00	29.32 -0.39 0.00	40.78 -0.47 0.00	34.11 -0.40 0.00	30.78 -0.35 0.00	30.53 -0.39 0.00	28.59 -0.32 0.00	24.81 -0.19 0.00	22.13 -0.25 0.00

MAPLE RIDGE_WT_2 323611	23.66 -0.33 0.00	23.13 -0.39 0.00	20.11 -0.28 0.00	19.18 -0.20 0.00	20.16 -0.16 0.00	20.11 -0.15 0.00	21.05 -0.21 0.00	25.33 -0.17 0.00	27.62 -0.19 0.00	27.95 -0.22 0.00	26.44 -0.25 0.00	26.01 -0.29 0.00	28.58 -0.34 0.00	28.99 -0.38 0.00	28.27 -0.39 0.00	28.53 -0.35 0.00	29.32 -0.39 0.00	40.78 -0.47 0.00	34.11 -0.40 0.00	30.78 -0.35 0.00	30.53 -0.39 0.00	28.59 -0.32 0.00	24.81 -0.19 0.00	22.13 -0.25 0.00
MARBLE RIVER_WT_PWR 323696	24.50 0.51 0.00	24.02 0.50 0.00	20.85 0.46 0.00	19.89 0.51 0.00	20.84 0.52 0.00	20.77 0.51 0.00	21.77 0.51 0.00	26.20 0.70 0.00	28.50 0.69 0.00	28.77 0.61 0.00	27.21 0.53 0.00	26.83 0.53 0.00	29.46 0.53 0.00	29.97 0.60 0.00	29.19 0.53 0.00	29.40 0.52 0.00	30.34 0.63 0.00	42.37 1.12 0.00	35.61 1.10 0.00	32.16 1.03 0.00	31.90 0.98 0.00	29.72 0.81 0.00	25.53 0.54 0.00	22.75 0.38 0.00
MARSHVLE_115KV_TB1 80742	25.88 1.89 0.00	25.32 1.79 0.00	21.96 1.57 0.00	20.82 1.44 0.00	21.91 1.59 0.00	21.97 1.72 0.00	23.11 1.85 0.00	27.71 2.20 0.00	30.16 2.35 0.00	30.59 2.42 0.00	28.92 2.24 3.69	24.72 2.11 0.00	31.09 2.18 0.02	31.50 2.14 0.00	30.68 2.20 0.18	31.19 2.37 0.06	32.07 2.36 0.00	44.66 3.41 0.00	37.58 3.07 0.00	33.91 2.77 0.00	33.64 2.72 0.00	31.46 2.55 0.00	27.26 2.27 0.00	24.27 1.90 0.00
MARSH HILL_WT_PWR 323713	24.47 0.48 0.00	23.92 0.40 0.00	20.62 0.23 0.00	19.49 0.11 0.00	20.59 0.27 0.00	20.58 0.32 0.00	21.83 0.57 0.00	26.29 0.79 0.00	28.79 0.98 0.00	29.42 1.25 0.00	28.31 1.63 0.00	27.72 1.42 0.00	30.24 1.31 0.00	30.57 1.20 0.00	29.77 1.12 0.00	29.96 1.08 0.00	31.04 1.33 0.00	43.00 1.75 0.00	36.10 1.59 0.00	32.22 1.09 0.00	31.72 0.80 0.00	29.69 0.78 0.00	25.95 0.96 0.00	23.20 0.83 0.00
MCINTYRE_115KV_TB2 80467	24.09 0.09 0.00	23.68 0.16 0.00	20.48 0.09 0.00	19.55 0.17 0.00	20.55 0.23 0.00	20.51 0.25 0.00	21.42 0.16 0.00	25.70 0.20 0.00	27.90 0.09 0.00	28.20 0.04 0.00	26.65 -0.04 0.00	26.25 -0.05 0.00	28.89 -0.04 0.00	29.35 -0.01 0.00	28.62 -0.04 0.00	28.89 0.01 0.00	29.59 -0.12 0.00	41.20 -0.05 0.00	34.61 0.10 0.00	31.33 0.20 0.00	31.16 0.24 0.00	29.16 0.25 0.00	25.24 0.25 0.00	22.60 0.23 0.00
MECO____69_KV_BK1 80468	26.42 2.43 0.00	25.79 2.26 0.00	22.24 1.85 0.00	21.13 1.75 0.00	22.18 1.86 0.00	22.21 1.96 0.00	23.36 2.11 0.00	28.05 2.55 0.00	30.51 2.70 0.00	30.66 2.50 0.00	28.42 1.73 4.07	23.81 1.58 0.00	30.79 1.89 0.02	31.31 1.94 0.00	29.80 1.34 0.20	30.82 2.01 0.07	31.51 1.80 0.00	44.34 3.09 0.00	37.63 3.12 0.00	34.34 3.21 0.00	34.20 3.28 0.00	31.91 3.00 0.00	27.51 2.52 0.00	24.64 2.27 0.00
MENANDS__115KV_TB5 355628	24.58 0.59 0.00	24.10 0.57 0.00	20.92 0.53 0.00	19.89 0.51 0.00	20.78 0.46 0.00	20.68 0.42 0.00	21.77 0.52 0.00	26.04 0.54 0.00	28.51 0.70 0.00	28.77 0.60 0.00	27.20 0.51 0.00	20.98 0.54 5.86	29.55 0.65 0.03	30.08 0.72 0.00	28.97 0.60 0.29	29.32 0.54 0.10	30.30 0.59 0.00	41.97 0.72 0.00	35.12 0.61 0.00	31.83 0.69 0.00	31.68 0.76 0.00	29.63 0.72 0.00	25.50 0.51 0.00	22.89 0.52 0.00
MG INDUSTRY__DRP 24185	24.68 0.69 0.00	24.19 0.67 0.00	21.01 0.62 0.00	19.97 0.59 0.00	20.88 0.56 0.00	20.78 0.52 0.00	21.88 0.62 0.00	26.17 0.66 0.00	28.62 0.81 0.00	28.90 0.73 0.00	27.31 0.62 3.47	23.46 0.63 0.00	29.65 0.74 0.02	30.16 0.79 0.00	29.17 0.68 0.17	29.47 0.64 0.06	30.40 0.69 0.00	42.10 0.85 0.00	35.26 0.75 0.00	31.93 0.80 0.00	31.79 0.87 0.00	29.74 0.83 0.00	25.62 0.62 0.00	22.98 0.61 0.00
MID__OSWEGATCHIE_HYD 23849	24.18 0.18 0.00	23.70 0.18 0.00	20.51 0.12 0.00	19.53 0.14 0.00	20.51 0.20 0.00	20.47 0.21 0.00	21.39 0.13 0.00	25.54 0.03 0.00	27.65 -0.16 0.00	27.86 -0.30 0.00	26.32 -0.37 0.00	25.90 -0.40 0.00	28.46 -0.47 0.00	28.91 -0.46 0.00	28.22 -0.44 0.00	28.48 -0.40 0.00	29.27 -0.45 0.00	40.81 -0.44 0.00	34.33 -0.18 0.00	31.10 -0.03 0.00	31.03 0.11 0.00	29.03 0.11 0.00	25.12 0.13 0.00	22.57 0.20 0.00
MID__RAQUETTE_HYD 23851	23.80 -0.19 0.00	23.39 -0.13 0.00	20.25 -0.14 0.00	19.32 -0.07 0.00	20.29 -0.03 0.00	20.24 -0.02 0.00	21.06 -0.20 0.00	25.22 -0.28 0.00	27.40 -0.41 0.00	27.67 -0.49 0.00	26.14 -0.55 0.00	25.74 -0.56 0.00	28.30 -0.62 0.00	28.75 -0.62 0.00	28.04 -0.62 0.00	28.28 -0.60 0.00	28.96 -0.75 0.00	40.27 -0.98 0.00	33.81 -0.70 0.00	30.57 -0.56 0.00	30.40 -0.51 0.00	28.44 -0.47 0.00	24.67 -0.32 0.00	22.22 -0.15 0.00
MILLIKEN__1 23584	24.63 0.64 0.00	24.08 0.55 0.00	20.83 0.44 0.00	19.76 0.38 0.00	20.75 0.43 0.00	20.73 0.47 0.00	21.86 0.60 0.00	26.20 0.69 0.00	28.49 0.68 0.00	28.91 0.74 0.00	27.53 0.84 0.00	27.03 0.73 0.00	29.70 0.77 0.00	30.16 0.79 0.00	29.46 0.81 0.00	29.82 0.94 0.00	30.67 0.95 0.00	42.63 1.37 0.00	35.74 1.23 0.00	32.16 1.03 0.00	31.92 1.00 0.00	29.84 0.93 0.00	25.78 0.79 0.00	23.03 0.66 0.00
MILLIKEN__2 23585	24.63 0.64 0.00	24.08 0.55 0.00	20.83 0.44 0.00	19.76 0.38 0.00	20.75 0.43 0.00	20.73 0.47 0.00	21.86 0.60 0.00	26.20 0.69 0.00	28.49 0.68 0.00	28.91 0.74 0.00	27.53 0.84 0.00	27.03 0.73 0.00	29.70 0.77 0.00	30.16 0.79 0.00	29.46 0.81 0.00	29.82 0.94 0.00	30.67 0.95 0.00	42.63 1.37 0.00	35.74 1.23 0.00	32.16 1.03 0.00	31.92 1.00 0.00	29.84 0.93 0.00	25.78 0.79 0.00	23.03 0.66 0.00
MILLIKEN__DIESEL 23629	24.63 0.64 0.00	24.08 0.55 0.00	20.83 0.44 0.00	19.76 0.38 0.00	20.75 0.43 0.00	20.73 0.47 0.00	21.86 0.60 0.00	26.20 0.69 0.00	28.49 0.68 0.00	28.91 0.74 0.00	27.53 0.84 0.00	27.03 0.73 0.00	29.70 0.77 0.00	30.16 0.79 0.00	29.46 0.81 0.00	29.82 0.94 0.00	30.67 0.95 0.00	42.63 1.37 0.00	35.74 1.23 0.00	32.16 1.03 0.00	31.92 1.00 0.00	29.84 0.93 0.00	25.78 0.79 0.00	23.03 0.66 0.00
MILLSEAT__LFGE 323607	24.78 0.79 0.00	23.96 0.44 0.00	20.63 0.23 0.00	19.40 0.02 0.00	20.58 0.26 0.00	20.62 0.36 0.00	21.76 0.50 0.00	25.97 0.47 0.00	28.16 0.35 0.00	28.80 0.63 0.00	27.71 1.03 0.00	27.18 0.88 0.00	29.69 0.77 0.00	30.17 0.80 0.00	29.52 0.86 0.00	29.72 0.84 0.00	30.59 0.87 0.00	42.55 1.30 0.00	35.90 1.39 0.00	32.15 1.02 0.00	31.78 0.86 0.00	29.75 0.84 0.00	25.95 0.96 0.00	23.32 0.95 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	25.16 1.17 0.00	24.57 1.04 0.00	21.30 0.91 0.00	20.25 0.87 0.00	21.14 0.82 0.00	21.11 0.85 0.00	22.32 1.06 0.00	26.79 1.29 0.00	29.31 1.50 0.00	29.68 1.52 0.00	28.20 1.52 0.00	33.62 1.56 -5.76	30.77 1.82 -0.03	31.18 1.81 0.00	30.70 1.76 -0.28	30.78 1.80 -0.10	31.50 1.79 0.00	43.51 2.26 0.00	36.14 1.63 0.00	32.58 1.45 0.00	32.38 1.46 0.00	30.25 1.34 0.00	26.16 1.17 0.00	23.48 1.11 0.00

MILLWOOD_13_KV_LOAD 356217	25.22 1.23 0.00	24.63 1.10 0.00	21.36 0.96 0.00	20.29 0.91 0.00	21.18 0.86 0.00	21.17 0.91 0.00	22.37 1.11 0.00	26.87 1.37 0.00	29.40 1.59 0.00	29.78 1.62 0.00	28.30 1.61 0.00	33.72 1.65 -5.76	30.87 1.92 -0.03	31.28 1.92 0.00	30.80 1.86 -0.28	30.89 1.91 -0.10	31.61 1.90 0.00	43.68 2.43 0.00	36.27 1.76 0.00	32.68 1.54 0.00	32.48 1.56 0.00	30.34 1.43 0.00	26.24 1.25 0.00	23.54 1.17 0.00
MODEL_CITY_ENERGY 24167	24.14 0.15 0.00	23.35 -0.18 0.00	20.10 -0.29 0.00	18.88 -0.50 0.00	20.05 -0.27 0.00	20.09 -0.17 0.00	21.17 -0.09 0.00	25.18 -0.33 0.00	27.27 -0.54 0.00	27.93 -0.24 0.00	26.88 0.19 0.00	26.38 0.07 0.00	28.74 -0.18 0.00	29.18 -0.19 0.00	28.58 -0.08 0.00	28.78 -0.10 0.00	29.62 -0.10 0.00	41.12 -0.14 0.00	34.69 0.18 0.00	30.99 -0.14 0.00	30.63 -0.29 0.00	28.72 -0.19 0.00	25.16 0.16 0.00	22.70 0.32 0.00
MODERN_LFGE_ 323580	24.14 0.15 0.00	23.35 -0.18 0.00	20.10 -0.29 0.00	18.88 -0.50 0.00	20.05 -0.27 0.00	20.09 -0.17 0.00	21.17 -0.09 0.00	25.18 -0.33 0.00	27.27 -0.54 0.00	27.93 -0.24 0.00	26.88 0.19 0.00	26.38 0.07 0.00	28.74 -0.18 0.00	29.18 -0.19 0.00	28.58 -0.08 0.00	28.78 -0.10 0.00	29.62 -0.10 0.00	41.12 -0.14 0.00	34.69 0.18 0.00	30.99 -0.14 0.00	30.63 -0.29 0.00	28.72 -0.19 0.00	25.16 0.16 0.00	22.70 0.32 0.00
MOHAWK_PAPER___DRP 24187	24.80 0.81 0.00	24.30 0.78 0.00	21.09 0.70 0.00	20.05 0.67 0.00	20.95 0.64 0.00	20.86 0.61 0.00	21.97 0.71 0.00	26.29 0.79 0.00	28.79 0.98 0.00	29.06 0.89 0.00	27.45 0.76 5.71	21.36 0.77 0.03	29.81 0.91 0.00	30.37 1.00 0.00	29.26 0.88 0.28	29.61 0.83 0.10	30.61 0.90 0.00	42.45 1.20 0.00	35.56 1.05 0.00	32.22 1.09 0.00	32.06 1.14 0.00	29.98 1.07 0.00	25.80 0.80 0.00	23.13 0.75 0.00
MOHICAN___35_KV_115KV_LD 80490	25.44 1.45 0.00	24.95 1.43 0.00	21.62 1.23 0.00	20.56 1.18 0.00	21.49 1.18 0.00	21.43 1.18 0.00	22.55 1.29 0.00	27.04 1.54 0.00	29.54 1.73 0.00	29.67 1.50 0.00	27.77 1.09 0.00	21.12 1.11 6.30	30.16 1.27 0.03	30.81 1.44 0.00	29.61 1.26 0.31	29.80 1.03 0.11	30.95 1.24 0.00	43.11 1.86 0.00	36.33 1.82 0.00	32.98 1.85 0.00	33.10 2.18 0.00	30.96 2.04 0.00	26.56 1.57 0.00	23.83 1.46 0.00
MONGAUP___HYD 23641	25.08 1.09 0.00	24.49 0.97 0.00	21.21 0.81 0.00	20.15 0.76 0.00	21.04 0.72 0.00	21.01 0.76 0.00	22.17 0.91 0.00	26.61 1.11 0.00	29.09 1.28 0.00	29.42 1.26 0.00	27.89 1.21 -4.80	32.21 1.11 -0.03	30.24 1.29 0.00	30.68 1.31 0.00	30.08 1.19 -0.24	30.28 1.31 -0.08	31.09 1.38 0.00	43.26 2.01 0.00	36.11 1.60 0.00	32.56 1.42 0.00	32.40 1.48 0.00	30.29 1.38 0.00	26.17 1.18 0.00	23.45 1.07 0.00
MONTAUK___DIESEL 23721	26.16 2.17 0.00	25.57 2.04 0.00	22.14 1.75 0.00	20.98 1.59 0.00	21.81 1.50 0.00	21.80 1.54 0.00	23.10 1.85 0.00	27.83 2.33 0.00	30.55 2.75 0.00	31.02 2.86 0.00	29.74 3.05 -5.82	35.04 2.92 -0.03	32.18 3.22 0.00	32.54 3.17 0.00	32.26 3.32 -0.29	42.19 3.57 -9.74	33.33 3.62 0.00	45.97 4.72 0.00	38.19 3.69 0.00	34.45 3.32 0.00	34.18 3.27 0.00	31.97 3.06 0.00	27.48 2.49 0.00	24.59 2.22 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	24.60 0.61 0.00	23.86 0.33 0.00	20.56 0.17 0.00	19.34 -0.05 0.00	20.56 0.24 0.00	20.55 0.29 0.00	21.91 0.65 0.00	26.52 1.02 0.00	29.20 1.39 0.00	30.08 1.91 0.00	29.08 2.39 0.00	28.48 2.18 0.00	31.13 2.20 0.00	31.43 2.07 0.00	30.56 1.90 0.00	30.63 1.75 0.00	31.67 1.95 0.00	43.94 2.68 0.00	36.89 2.38 0.00	33.00 1.87 0.00	32.51 1.59 0.00	30.32 1.40 0.00	26.38 1.38 0.00	23.56 1.19 0.00
MORTIMER_115KV_TB3 55949	24.46 0.47 0.00	23.76 0.23 0.00	20.48 0.09 0.00	19.32 -0.06 0.00	20.41 0.09 0.00	20.43 0.17 0.00	21.51 0.26 0.00	25.73 0.23 0.00	27.99 0.18 0.00	28.57 0.41 0.00	27.39 0.70 0.00	26.92 0.62 0.00	29.43 0.51 0.00	29.86 0.50 0.00	29.23 0.57 0.00	29.45 0.57 0.00	30.35 0.63 0.00	42.22 0.96 0.00	35.49 0.98 0.00	31.83 0.69 0.00	31.48 0.56 0.00	29.44 0.53 0.00	25.58 0.58 0.00	22.92 0.54 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	25.30 1.31 0.00	24.70 1.17 0.00	21.42 1.03 0.00	20.36 0.98 0.00	21.25 0.93 0.00	21.24 0.98 0.00	22.45 1.19 0.00	26.98 1.48 0.00	29.54 1.73 0.00	29.92 1.76 0.00	28.42 1.74 0.00	33.90 1.79 -5.82	31.02 2.06 -0.03	31.41 2.05 0.00	30.94 1.99 -0.28	31.02 2.04 -0.10	31.71 1.99 0.00	43.77 2.51 0.00	36.30 1.79 0.00	32.71 1.58 0.00	32.55 1.62 0.00	30.40 1.48 0.00	26.32 1.33 0.00	23.61 1.23 0.00
MUNSVILLE_WIND_PWR 323609	25.69 1.70 0.00	25.09 1.56 0.00	21.66 1.27 0.00	20.54 1.16 0.00	21.60 1.29 0.00	21.65 1.39 0.00	22.92 1.66 0.00	27.53 2.03 0.00	29.93 2.12 0.00	30.43 2.26 0.00	28.89 2.20 0.00	28.20 1.90 0.00	31.04 2.11 0.00	31.54 2.18 0.00	30.79 2.13 0.00	31.42 2.54 0.00	32.27 2.55 0.00	44.77 3.52 0.00	37.68 3.18 0.00	34.05 2.92 0.00	33.78 2.86 0.00	31.50 2.59 0.00	27.18 2.18 0.00	24.15 1.77 0.00
N SALMON___HYD 24042	24.43 0.44 0.00	23.97 0.44 0.00	20.78 0.38 0.00	19.83 0.44 0.00	20.80 0.48 0.00	20.74 0.48 0.00	21.72 0.46 0.00	26.14 0.63 0.00	28.42 0.61 0.00	28.69 0.52 0.00	27.16 0.47 0.00	26.76 0.46 0.00	29.36 0.43 0.00	29.88 0.51 0.00	29.08 0.42 0.00	29.32 0.45 0.00	30.19 0.48 0.00	42.13 0.88 0.00	35.43 0.92 0.00	31.98 0.85 0.00	31.77 0.85 0.00	29.62 0.71 0.00	25.52 0.52 0.00	22.75 0.38 0.00
N.AKRON___115KV_KNAPP 355671	24.73 0.74 0.00	23.92 0.39 0.00	20.56 0.17 0.00	19.34 -0.05 0.00	20.51 0.19 0.00	20.56 0.30 0.00	21.68 0.42 0.00	25.87 0.37 0.00	28.05 0.24 0.00	28.71 0.54 0.00	27.62 0.93 0.00	27.10 0.80 0.00	29.61 0.68 0.00	30.09 0.72 0.00	29.41 0.75 0.00	29.64 0.76 0.00	30.50 0.78 0.00	42.39 1.14 0.00	35.76 1.25 0.00	32.00 0.87 0.00	31.62 0.69 0.00	29.61 0.70 0.00	25.86 0.86 0.00	23.26 0.88 0.00
N.BELMOR_69_KV_BK1 55787	25.53 1.54 0.00	24.90 1.38 0.00	21.56 1.17 0.00	20.46 1.08 0.00	21.34 1.02 0.00	21.33 1.07 0.00	22.56 1.30 0.00	27.16 1.66 0.00	29.76 1.95 0.00	30.13 1.97 0.00	28.82 2.13 0.00	34.22 2.10 -5.82	31.31 2.36 -0.03	31.71 2.34 0.00	31.30 2.35 -0.29	41.10 2.49 -9.74	32.16 2.45 0.00	44.16 2.91 0.00	36.66 2.15 0.00	33.14 2.00 0.00	32.97 2.05 0.00	30.87 1.96 0.00	26.68 1.69 0.00	23.88 1.51 0.00
N.E._GEN_SANDY PD 24062	24.75 0.85 0.09	24.36 0.83 0.00	21.15 0.76 0.00	20.12 0.73 0.00	20.99 0.67 0.00	20.89 0.63 0.00	21.98 0.72 0.00	26.28 0.78 0.00	28.75 0.94 0.00	29.00 0.84 0.00	27.40 0.71 0.00	-15.80 0.73 42.83	29.61 0.91 0.22	30.34 0.98 0.00	27.43 0.82 2.06	28.88 0.74 0.74	30.51 0.79 0.00	42.24 0.99 0.00	34.14 0.74 1.11	33.28 0.85 -1.30	31.85 0.93 0.00	29.80 0.89 0.00	25.56 0.67 0.11	23.11 0.74 0.00

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	25.08 1.10 0.00	24.49 0.97 0.00	21.22 0.83 0.00	20.18 0.79 0.00	21.06 0.74 0.00	21.04 0.79 0.00	22.24 0.98 0.00	26.73 1.22 0.00	29.23 1.42 0.00	29.61 1.45 0.00	28.15 1.46 0.00	33.18 1.51 -5.37	30.74 1.79 -0.03	31.14 1.77 0.00	30.66 1.74 -0.26	30.76 1.79 -0.09	31.49 1.77 0.00	43.52 2.27 0.00	36.14 1.63 0.00	32.55 1.42 0.00	32.33 1.41 0.00	30.18 1.27 0.00	26.11 1.12 0.00	23.44 1.07 0.00
N.QUEENS_27_KV_LOAD 356247	25.35 1.36 0.00	24.77 1.24 0.00	21.47 1.08 0.00	20.39 1.01 0.00	21.27 0.95 0.00	21.28 1.02 0.00	22.54 1.28 0.00	27.08 1.58 0.00	29.60 1.79 0.00	29.98 1.82 0.00	28.49 1.80 0.00	33.94 1.82 -5.82	31.07 2.11 -0.03	31.46 2.09 0.00	30.98 2.04 -0.28	31.07 2.09 -0.10	31.69 1.98 0.00	43.75 2.50 0.00	36.24 1.73 0.00	32.71 1.58 0.00	32.58 1.66 0.00	30.44 1.52 0.00	26.38 1.38 0.00	23.65 1.28 0.00
N.TROY___115KV_TB1 355778	24.86 0.88 0.00	24.40 0.87 0.00	21.18 0.78 0.00	20.13 0.75 0.00	21.03 0.71 0.00	20.91 0.65 0.00	22.03 0.77 0.00	26.40 0.90 0.00	28.85 1.04 0.00	29.08 0.91 0.00	27.41 0.72 0.00	18.81 0.74 8.23	29.77 0.89 0.04	30.36 0.99 0.00	29.07 0.82 0.40	29.42 0.68 0.14	30.51 0.80 0.00	42.29 1.04 0.00	35.36 0.85 0.00	32.12 0.99 0.00	32.01 1.09 0.00	29.95 1.04 0.00	25.77 0.77 0.00	23.16 0.79 0.00
NARROWS_GT1_1 24228	25.42 1.43 0.00	24.81 1.29 0.00	21.52 1.13 0.00	20.45 1.07 0.00	21.33 1.01 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.60 1.91 0.00	34.05 1.93 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.18 -0.10	31.85 2.14 0.00	43.95 2.70 0.00	36.43 1.92 0.00	32.86 1.72 0.00	32.66 1.74 0.00	30.53 1.61 0.00	26.46 1.46 0.00	23.71 1.34 0.00
NARROWS_GT1_2 24229	25.42 1.43 0.00	24.81 1.29 0.00	21.52 1.13 0.00	20.45 1.07 0.00	21.33 1.01 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.60 1.91 0.00	34.05 1.93 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.18 -0.10	31.85 2.14 0.00	43.95 2.70 0.00	36.43 1.92 0.00	32.86 1.72 0.00	32.66 1.74 0.00	30.53 1.61 0.00	26.46 1.46 0.00	23.71 1.34 0.00
NARROWS_GT1_3 24230	25.42 1.43 0.00	24.81 1.29 0.00	21.52 1.13 0.00	20.45 1.07 0.00	21.33 1.01 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.60 1.91 0.00	34.05 1.93 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.18 -0.10	31.85 2.14 0.00	43.95 2.70 0.00	36.43 1.92 0.00	32.86 1.72 0.00	32.66 1.74 0.00	30.53 1.61 0.00	26.46 1.46 0.00	23.71 1.34 0.00
NARROWS_GT1_4 24231	25.42 1.43 0.00	24.81 1.29 0.00	21.52 1.13 0.00	20.45 1.07 0.00	21.33 1.01 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.60 1.91 0.00	34.05 1.93 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.18 -0.10	31.85 2.14 0.00	43.95 2.70 0.00	36.43 1.92 0.00	32.86 1.72 0.00	32.66 1.74 0.00	30.53 1.61 0.00	26.46 1.46 0.00	23.71 1.34 0.00
NARROWS_GT1_5 24232	25.42 1.43 0.00	24.81 1.29 0.00	21.52 1.13 0.00	20.45 1.07 0.00	21.33 1.01 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.60 1.91 0.00	34.05 1.93 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.18 -0.10	31.85 2.14 0.00	43.95 2.70 0.00	36.43 1.92 0.00	32.86 1.72 0.00	32.66 1.74 0.00	30.53 1.61 0.00	26.46 1.46 0.00	23.71 1.34 0.00
NARROWS_GT1_6 24233	25.42 1.43 0.00	24.81 1.29 0.00	21.52 1.13 0.00	20.45 1.07 0.00	21.33 1.01 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.60 1.91 0.00	34.05 1.93 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.18 -0.10	31.85 2.14 0.00	43.95 2.70 0.00	36.43 1.92 0.00	32.86 1.72 0.00	32.66 1.74 0.00	30.53 1.61 0.00	26.46 1.46 0.00	23.71 1.34 0.00
NARROWS_GT1_7 24234	25.42 1.43 0.00	24.81 1.29 0.00	21.52 1.13 0.00	20.45 1.07 0.00	21.33 1.01 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.60 1.91 0.00	34.05 1.93 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.18 -0.10	31.85 2.14 0.00	43.95 2.70 0.00	36.43 1.92 0.00	32.86 1.72 0.00	32.66 1.74 0.00	30.53 1.61 0.00	26.46 1.46 0.00	23.71 1.34 0.00
NARROWS_GT1_8 24235	25.42 1.43 0.00	24.81 1.29 0.00	21.52 1.13 0.00	20.45 1.07 0.00	21.33 1.01 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.60 1.91 0.00	34.05 1.93 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.18 -0.10	31.85 2.14 0.00	43.95 2.70 0.00	36.43 1.92 0.00	32.86 1.72 0.00	32.66 1.74 0.00	30.53 1.61 0.00	26.46 1.46 0.00	23.71 1.34 0.00
NARROWS_GT2_1 24236	25.42 1.43 0.00	24.81 1.29 0.00	21.52 1.13 0.00	20.45 1.07 0.00	21.33 1.01 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.60 1.91 0.00	34.05 1.93 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.18 -0.10	31.85 2.14 0.00	43.95 2.70 0.00	36.43 1.92 0.00	32.86 1.72 0.00	32.66 1.74 0.00	30.53 1.61 0.00	26.46 1.46 0.00	23.71 1.34 0.00
NARROWS_GT2_2 24237	25.42 1.43 0.00	24.81 1.29 0.00	21.52 1.13 0.00	20.45 1.07 0.00	21.33 1.01 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.60 1.91 0.00	34.05 1.93 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.18 -0.10	31.85 2.14 0.00	43.95 2.70 0.00	36.43 1.92 0.00	32.86 1.72 0.00	32.66 1.74 0.00	30.53 1.61 0.00	26.46 1.46 0.00	23.71 1.34 0.00
NARROWS_GT2_3 24238	25.42 1.43 0.00	24.81 1.29 0.00	21.52 1.13 0.00	20.45 1.07 0.00	21.33 1.01 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.60 1.91 0.00	34.05 1.93 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.18 -0.10	31.85 2.14 0.00	43.95 2.70 0.00	36.43 1.92 0.00	32.86 1.72 0.00	32.66 1.74 0.00	30.53 1.61 0.00	26.46 1.46 0.00	23.71 1.34 0.00
NARROWS_GT2_4 24239	25.42 1.43 0.00	24.81 1.29 0.00	21.52 1.13 0.00	20.45 1.07 0.00	21.33 1.01 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.60 1.91 0.00	34.05 1.93 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.18 -0.10	31.85 2.14 0.00	43.95 2.70 0.00	36.43 1.92 0.00	32.86 1.72 0.00	32.66 1.74 0.00	30.53 1.61 0.00	26.46 1.46 0.00	23.71 1.34 0.00

NARROWS_GT2_5 24240	25.42 1.43 0.00	24.81 1.29 0.00	21.52 1.13 0.00	20.45 1.07 0.00	21.33 1.01 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.60 1.91 0.00	34.05 1.93 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.18 -0.10	31.85 2.14 0.00	43.95 2.70 0.00	36.43 1.92 0.00	32.86 1.72 0.00	32.66 1.74 0.00	30.53 1.61 0.00	26.46 1.46 0.00	23.71 1.34 0.00
NARROWS_GT2_6 24241	25.42 1.43 0.00	24.81 1.29 0.00	21.52 1.13 0.00	20.45 1.07 0.00	21.33 1.01 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.60 1.91 0.00	34.05 1.93 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.18 -0.10	31.85 2.14 0.00	43.95 2.70 0.00	36.43 1.92 0.00	32.86 1.72 0.00	32.66 1.74 0.00	30.53 1.61 0.00	26.46 1.46 0.00	23.71 1.34 0.00
NARROWS_GT2_7 24242	25.42 1.43 0.00	24.81 1.29 0.00	21.52 1.13 0.00	20.45 1.07 0.00	21.33 1.01 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.60 1.91 0.00	34.05 1.93 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.18 -0.10	31.85 2.14 0.00	43.95 2.70 0.00	36.43 1.92 0.00	32.86 1.72 0.00	32.66 1.74 0.00	30.53 1.61 0.00	26.46 1.46 0.00	23.71 1.34 0.00
NARROWS_GT2_8 24243	25.42 1.43 0.00	24.81 1.29 0.00	21.52 1.13 0.00	20.45 1.07 0.00	21.33 1.01 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.60 1.91 0.00	34.05 1.93 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.18 -0.10	31.85 2.14 0.00	43.95 2.70 0.00	36.43 1.92 0.00	32.86 1.72 0.00	32.66 1.74 0.00	30.53 1.61 0.00	26.46 1.46 0.00	23.71 1.34 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	25.00 1.01 0.00	24.50 0.98 0.00	21.27 0.88 0.00	20.22 0.84 0.00	21.15 0.83 0.00	21.05 0.79 0.00	22.19 0.94 0.00	26.56 1.06 0.00	29.09 1.28 0.00	29.34 1.17 0.00	27.63 0.94 0.00	24.82 0.85 2.34	29.79 0.88 0.01	30.26 0.89 0.00	29.41 0.87 0.11	29.69 0.85 0.04	30.69 0.97 0.00	42.57 1.32 0.00	35.85 1.34 0.00	32.58 1.44 0.00	32.50 1.58 0.00	30.39 1.48 0.00	26.10 1.11 0.00	23.34 0.97 0.00
NCHELSEA_115KV_TR2 355582	25.32 1.33 0.00	24.73 1.21 0.00	21.45 1.05 0.00	20.38 0.99 0.00	21.28 0.96 0.00	21.25 0.99 0.00	22.45 1.19 0.00	26.94 1.44 0.00	29.48 1.67 0.00	29.84 1.67 0.00	28.33 1.65 0.00	32.41 1.66 -4.45	30.87 1.93 -0.02	31.34 1.98 0.00	30.80 1.92 -0.22	30.95 1.99 -0.08	31.74 2.03 0.00	43.93 2.68 0.00	36.53 2.02 0.00	32.93 1.79 0.00	32.72 1.80 0.00	30.54 1.63 0.00	26.37 1.38 0.00	23.64 1.27 0.00
NEG CAPITAL___MECHNVIL 23645	25.27 1.28 0.00	24.76 1.24 0.00	21.47 1.08 0.00	20.41 1.02 0.00	21.33 1.02 0.00	21.24 0.98 0.00	22.39 1.13 0.00	26.84 1.34 0.00	29.35 1.54 0.00	29.58 1.41 0.00	27.86 1.17 0.00	20.41 1.16 7.05	30.24 1.35 0.04	30.85 1.48 0.00	29.67 1.36 0.35	30.01 1.25 0.12	31.13 1.42 0.00	43.23 1.97 0.00	36.25 1.73 0.00	32.87 1.73 0.00	32.79 1.87 0.00	30.62 1.71 0.00	26.35 1.35 0.00	23.63 1.26 0.00
NEG CENTRAL_HIGH_ACRES 23767	23.91 -0.08 0.00	23.25 -0.27 0.00	20.07 -0.33 0.00	18.96 -0.43 0.00	20.00 -0.32 0.00	20.02 -0.24 0.00	21.10 -0.16 0.00	25.27 -0.23 0.00	27.50 -0.30 0.00	28.07 -0.09 0.00	26.85 0.16 0.00	26.43 0.13 0.00	28.96 0.03 0.00	29.39 0.03 0.00	28.73 0.07 0.00	28.98 0.11 0.00	29.86 0.14 0.00	41.56 0.31 0.00	34.92 0.41 0.00	31.30 0.17 0.00	30.95 0.03 0.00	28.92 0.01 0.00	25.05 0.05 0.00	22.40 0.02 0.00
NEG CENTRAL___DRP 24199	24.39 0.40 0.00	23.81 0.28 0.00	20.58 0.19 0.00	19.50 0.12 0.00	20.50 0.19 0.00	20.50 0.24 0.00	21.66 0.40 0.00	25.95 0.45 0.00	28.25 0.44 0.00	28.73 0.57 0.00	27.42 0.74 0.00	26.97 0.67 0.00	29.63 0.70 0.00	30.06 0.70 0.00	29.36 0.70 0.00	29.62 0.74 0.00	30.49 0.77 0.00	42.35 1.10 0.00	35.55 1.04 0.00	31.92 0.78 0.00	31.61 0.69 0.00	29.54 0.63 0.00	25.58 0.59 0.00	22.85 0.47 0.00
NEG CENTRAL___INDECK 23768	25.14 1.15 0.00	24.44 0.91 0.00	21.07 0.68 0.00	19.87 0.49 0.00	21.02 0.70 0.00	21.05 0.79 0.00	22.27 1.01 0.00	26.62 1.12 0.00	28.99 1.18 0.00	29.50 1.33 0.00	28.32 1.64 0.00	27.77 1.47 0.00	30.32 1.39 0.00	30.69 1.32 0.00	29.81 1.15 0.00	30.00 1.13 0.00	30.96 1.25 0.00	43.20 1.95 0.00	36.26 1.75 0.00	32.68 1.55 0.00	32.52 1.60 0.00	30.52 1.60 0.00	26.53 1.54 0.00	23.72 1.35 0.00
NEG CENTRAL___SENECA 23627	24.52 0.53 0.00	23.90 0.37 0.00	20.63 0.23 0.00	19.53 0.14 0.00	20.57 0.25 0.00	20.57 0.31 0.00	21.78 0.51 0.00	26.13 0.63 0.00	28.47 0.66 0.00	28.98 0.82 0.00	27.72 1.03 0.00	27.22 0.92 0.00	29.91 0.98 0.00	30.33 0.96 0.00	29.61 0.95 0.00	29.88 1.00 0.00	30.76 1.05 0.00	42.73 1.48 0.00	35.89 1.38 0.00	32.19 1.06 0.00	31.85 0.93 0.00	29.76 0.85 0.00	25.79 0.80 0.00	23.02 0.65 0.00
NEG CENTRAL___STATE_STREET 24147	24.49 0.50 0.00	23.98 0.46 0.00	20.84 0.45 0.00	19.76 0.38 0.00	20.74 0.42 0.00	20.72 0.46 0.00	21.85 0.59 0.00	26.16 0.66 0.00	28.39 0.58 0.00	28.83 0.67 0.00	27.48 0.80 0.00	27.08 0.78 0.00	29.57 0.64 0.00	30.00 0.64 0.00	29.46 0.80 0.00	29.74 0.86 0.00	30.62 0.91 0.00	42.54 1.29 0.00	35.71 1.20 0.00	32.07 0.94 0.00	31.78 0.86 0.00	29.75 0.84 0.00	25.69 0.70 0.00	22.97 0.59 0.00
NEG MILLWOOD___DRP 24198	25.40 1.41 0.00	24.79 1.27 0.00	21.50 1.11 0.00	20.43 1.04 0.00	21.32 1.01 0.00	21.31 1.05 0.00	22.52 1.26 0.00	27.05 1.54 0.00	29.60 1.79 0.00	29.97 1.80 0.00	28.45 1.76 0.00	33.13 1.79 -5.03	31.03 2.08 -0.03	31.50 2.13 0.00	30.98 2.08 -0.25	31.11 2.15 -0.09	31.87 2.15 0.00	44.08 2.83 0.00	36.64 2.13 0.00	33.02 1.89 0.00	32.82 1.90 0.00	30.63 1.71 0.00	26.45 1.46 0.00	23.71 1.33 0.00
NEG NORTH_FLCN_SEA 23793	24.82 0.83 0.00	24.31 0.78 0.00	21.11 0.72 0.00	20.15 0.76 0.00	21.09 0.77 0.00	21.01 0.75 0.00	22.05 0.79 0.00	26.52 1.02 0.00	28.85 1.04 0.00	29.10 0.93 0.00	27.52 0.83 0.00	27.14 0.84 0.00	29.81 0.88 0.00	30.34 0.97 0.00	29.53 0.87 0.00	29.74 0.86 0.00	30.74 1.02 0.00	42.97 1.72 0.00	36.15 1.64 0.00	32.68 1.55 0.00	32.40 1.48 0.00	30.18 1.27 0.00	25.88 0.88 0.00	23.07 0.69 0.00
NEG NORTH_KES_CHATEGAY 23792	24.43 0.44 0.00	23.96 0.44 0.00	20.79 0.40 0.00	19.85 0.46 0.00	20.81 0.49 0.00	20.73 0.47 0.00	21.73 0.47 0.00	26.15 0.65 0.00	28.45 0.65 0.00	28.74 0.58 0.00	27.19 0.50 0.00	26.80 0.50 0.00	29.41 0.49 0.00	29.92 0.55 0.00	29.14 0.48 0.00	29.35 0.48 0.00	30.27 0.56 0.00	42.27 1.02 0.00	35.53 1.02 0.00	32.10 0.97 0.00	31.83 0.91 0.00	29.68 0.77 0.00	25.51 0.52 0.00	22.72 0.34 0.00



NEG NORTH___ALICE_FALLS 23915	24.80 0.81 0.00	24.29 0.77 0.00	21.09 0.70 0.00	20.12 0.74 0.00	21.07 0.75 0.00	21.00 0.74 0.00	22.04 0.78 0.00	26.53 1.03 0.00	28.84 1.03 0.00	29.07 0.91 0.00	27.49 0.80 0.00	27.12 0.82 0.00	29.79 0.86 0.00	30.32 0.95 0.00	29.50 0.85 0.00	29.75 0.87 0.00	30.73 1.01 0.00	42.99 1.74 0.00	36.18 1.67 0.00	32.71 1.58 0.00	32.44 1.53 0.00	30.22 1.31 0.00	25.91 0.92 0.00	23.07 0.69 0.00
NEG NORTH___LWR_SARANAC 23913	24.80 0.81 0.00	24.29 0.77 0.00	21.09 0.70 0.00	20.12 0.74 0.00	21.07 0.75 0.00	21.00 0.74 0.00	22.04 0.78 0.00	26.53 1.03 0.00	28.84 1.03 0.00	29.07 0.91 0.00	27.49 0.80 0.00	27.12 0.82 0.00	29.79 0.86 0.00	30.32 0.95 0.00	29.50 0.85 0.00	29.75 0.87 0.00	30.73 1.01 0.00	42.99 1.74 0.00	36.18 1.67 0.00	32.71 1.58 0.00	32.44 1.53 0.00	30.22 1.31 0.00	25.91 0.92 0.00	23.07 0.69 0.00
NEG NORTH___PLATTSBURG 23628	24.81 0.81 0.00	24.30 0.78 0.00	21.09 0.70 0.00	20.12 0.73 0.00	21.07 0.75 0.00	20.99 0.74 0.00	22.04 0.78 0.00	26.53 1.03 0.00	28.84 1.03 0.00	29.07 0.91 0.00	27.49 0.80 0.00	27.12 0.82 0.00	29.79 0.86 0.00	30.32 0.95 0.00	29.50 0.85 0.00	29.75 0.87 0.00	30.73 1.01 0.00	42.99 1.74 0.00	36.18 1.67 0.00	32.71 1.58 0.00	32.44 1.53 0.00	30.22 1.31 0.00	25.91 0.91 0.00	23.07 0.69 0.00
NEG WEST_LEA_LOCKPORT 23791	24.39 0.41 0.00	23.60 0.08 0.00	20.29 -0.10 0.00	19.08 -0.31 0.00	20.24 -0.07 0.00	20.29 0.03 0.00	21.38 0.12 0.00	25.49 -0.02 0.00	27.61 -0.20 0.00	28.28 0.12 0.00	27.22 0.53 0.00	26.70 0.40 0.00	29.12 0.20 0.00	29.56 0.19 0.00	28.93 0.27 0.00	29.13 0.26 0.00	29.99 0.28 0.00	41.64 0.39 0.00	35.12 0.61 0.00	31.38 0.25 0.00	31.01 0.09 0.00	29.07 0.16 0.00	25.44 0.44 0.00	22.92 0.55 0.00
NEG WEST___LANCASTR 23811	24.59 0.59 0.00	23.83 0.30 0.00	20.52 0.13 0.00	19.33 -0.06 0.00	20.46 0.14 0.00	20.48 0.22 0.00	21.64 0.38 0.00	25.89 0.39 0.00	28.16 0.35 0.00	28.85 0.68 0.00	27.78 1.09 0.00	27.21 0.92 0.00	29.69 0.76 0.00	30.08 0.72 0.00	29.45 0.79 0.00	29.63 0.75 0.00	30.51 0.80 0.00	42.36 1.11 0.00	35.60 1.09 0.00	31.80 0.66 0.00	31.42 0.51 0.00	29.41 0.50 0.00	25.74 0.75 0.00	23.08 0.71 0.00
NEG_PENN_ALLEGHNY 23528	24.52 0.53 0.00	23.93 0.41 0.00	20.72 0.33 0.00	19.66 0.27 0.00	20.65 0.33 0.00	20.60 0.34 0.00	21.78 0.52 0.00	26.09 0.59 0.00	28.47 0.66 0.00	28.95 0.78 0.00	27.65 0.97 0.00	27.17 0.87 0.00	29.83 0.90 0.00	30.22 0.86 0.00	29.56 0.91 0.00	29.80 0.92 0.00	30.70 0.98 0.00	42.55 1.29 0.00	35.53 1.03 0.00	31.92 0.79 0.00	31.65 0.73 0.00	29.57 0.66 0.00	25.67 0.67 0.00	22.93 0.56 0.00
NEG___GEN_MONROE 24207	24.66 0.67 0.00	23.91 0.39 0.00	20.59 0.20 0.00	19.41 0.03 0.00	20.54 0.22 0.00	20.56 0.30 0.00	21.68 0.42 0.00	25.93 0.43 0.00	28.15 0.34 0.00	28.71 0.54 0.00	27.53 0.84 0.00	27.02 0.72 0.00	29.64 0.72 0.00	30.09 0.73 0.00	29.32 0.66 0.00	29.59 0.71 0.00	30.42 0.71 0.00	42.34 1.09 0.00	35.64 1.13 0.00	31.96 0.83 0.00	31.61 0.69 0.00	29.57 0.66 0.00	25.70 0.71 0.00	23.04 0.66 0.00
NEPA___ENERGY 23901	24.53 0.54 0.00	23.81 0.28 0.00	20.53 0.14 0.00	19.37 -0.01 0.00	20.49 0.17 0.00	20.47 0.21 0.00	21.76 0.50 0.00	26.12 0.61 0.00	28.48 0.67 0.00	29.19 1.02 0.00	28.23 1.54 0.00	27.62 1.32 0.00	30.16 1.24 0.00	30.44 1.07 0.00	29.87 1.21 0.00	29.97 1.09 0.00	30.92 1.20 0.00	42.82 1.57 0.00	35.83 1.32 0.00	32.00 0.87 0.00	31.60 0.68 0.00	29.54 0.63 0.00	25.90 0.91 0.00	23.17 0.80 0.00
NEVERSINK___HYD 23608	24.72 0.73 0.00	24.14 0.61 0.00	20.93 0.54 0.00	19.88 0.50 0.00	20.77 0.46 0.00	20.76 0.50 0.00	21.93 0.67 0.00	26.33 0.83 0.00	28.78 0.97 0.00	29.14 0.98 0.00	27.66 0.97 0.00	30.42 0.97 -3.15	30.04 1.10 -0.02	30.45 1.08 0.00	29.89 1.07 -0.15	30.10 1.17 -0.05	30.98 1.27 0.00	42.97 1.72 0.00	35.74 1.23 0.00	32.20 1.07 0.00	31.97 1.06 0.00	29.88 0.97 0.00	25.81 0.81 0.00	23.12 0.75 0.00
NEWKRMKL_115KV_TB1 55635	24.46 0.47 0.00	23.98 0.45 0.00	20.81 0.42 0.00	19.79 0.41 0.00	20.67 0.36 0.00	20.58 0.32 0.00	21.69 0.43 0.00	25.96 0.46 0.00	28.40 0.60 0.00	28.68 0.52 0.00	27.12 0.43 0.00	21.44 0.46 5.32	29.49 0.59 0.03	30.02 0.66 0.00	28.94 0.54 0.26	29.29 0.50 0.09	30.25 0.54 0.00	41.88 0.63 0.00	35.04 0.53 0.00	31.72 0.59 0.00	31.56 0.64 0.00	29.52 0.61 0.00	25.40 0.41 0.00	22.79 0.42 0.00
NEWTON___FALLS_HYD 23847	24.18 0.18 0.00	23.70 0.18 0.00	20.51 0.12 0.00	19.53 0.14 0.00	20.51 0.20 0.00	20.47 0.21 0.00	21.39 0.13 0.00	25.54 0.03 0.00	27.65 -0.16 0.00	27.86 -0.30 0.00	26.32 -0.37 0.00	25.90 -0.40 0.00	28.46 -0.47 0.00	28.91 -0.46 0.00	28.22 -0.44 0.00	28.48 -0.40 0.00	29.27 -0.45 0.00	40.81 -0.44 0.00	34.33 -0.18 0.00	31.10 -0.03 0.00	31.03 0.11 0.00	29.03 0.11 0.00	25.12 0.13 0.00	22.57 0.20 0.00
NGRID_A1_DSASP 323792	24.07 0.08 0.00	23.28 -0.25 0.00	20.03 -0.36 0.00	18.81 -0.57 0.00	19.98 -0.34 0.00	20.01 -0.25 0.00	21.04 -0.22 0.00	25.10 -0.41 0.00	27.05 -0.76 0.00	27.67 -0.50 0.00	26.62 -0.07 0.00	26.12 -0.18 0.00	28.43 -0.49 0.00	28.86 -0.51 0.00	28.29 -0.37 0.00	28.48 -0.40 0.00	29.30 -0.41 0.00	40.66 -0.59 0.00	34.31 -0.19 0.00	30.65 -0.49 0.00	30.29 -0.63 0.00	28.43 -0.48 0.00	24.91 -0.08 0.00	22.51 0.14 0.00
NGRID_A2_DSASP 323793	24.07 0.08 0.00	23.28 -0.25 0.00	20.03 -0.36 0.00	18.81 -0.57 0.00	19.98 -0.34 0.00	20.01 -0.25 0.00	21.04 -0.22 0.00	25.10 -0.41 0.00	27.05 -0.76 0.00	27.67 -0.50 0.00	26.62 -0.07 0.00	26.12 -0.18 0.00	28.43 -0.49 0.00	28.86 -0.51 0.00	28.29 -0.37 0.00	28.48 -0.40 0.00	29.30 -0.41 0.00	40.66 -0.59 0.00	34.31 -0.19 0.00	30.65 -0.49 0.00	30.29 -0.63 0.00	28.43 -0.48 0.00	24.91 -0.08 0.00	22.51 0.14 0.00
NGRID_A4_DSASP 323807	24.09 0.10 0.00	23.30 -0.23 0.00	20.02 -0.37 0.00	18.82 -0.57 0.00	19.98 -0.34 0.00	20.01 -0.25 0.00	21.04 -0.22 0.00	25.10 -0.41 0.00	27.05 -0.76 0.00	27.67 -0.50 0.00	26.62 -0.07 0.00	26.11 -0.19 0.00	28.43 -0.49 0.00	28.86 -0.51 0.00	28.29 -0.37 0.00	28.48 -0.40 0.00	29.31 -0.41 0.00	40.66 -0.59 0.00	34.31 -0.19 0.00	30.65 -0.49 0.00	30.28 -0.63 0.00	28.43 -0.49 0.00	24.91 -0.08 0.00	22.51 0.14 0.00
NIAGARA_115E_LBMP 323715	24.01 0.02 0.00	23.22 -0.31 0.00	19.99 -0.40 0.00	18.78 -0.60 0.00	19.94 -0.37 0.00	19.98 -0.28 0.00	21.05 -0.21 0.00	25.02 -0.49 0.00	27.09 -0.72 0.00	27.75 -0.42 0.00	26.70 0.01 0.00	26.20 -0.10 0.00	28.54 -0.39 0.00	28.96 -0.40 0.00	28.38 -0.28 0.00	28.57 -0.30 0.00	29.41 -0.31 0.00	40.81 -0.44 0.00	34.44 -0.07 0.00	30.77 -0.37 0.00	30.40 -0.52 0.00	28.53 -0.38 0.00	24.99 0.00 0.00	22.58 0.21 0.00

NIAGARA_115W_LBMP 323714	24.02 0.04 0.00	23.23 -0.29 0.00	19.99 -0.40 0.00	18.78 -0.61 0.00	19.94 -0.37 0.00	19.97 -0.29 0.00	20.99 -0.27 0.00	25.04 -0.46 0.00	26.97 -0.84 0.00	27.58 -0.58 0.00	26.54 -0.14 0.00	26.04 -0.26 0.00	28.34 -0.58 0.00	28.77 -0.59 0.00	28.21 -0.45 0.00	28.40 -0.48 0.00	29.21 -0.50 0.00	40.53 -0.72 0.00	34.21 -0.30 0.00	30.55 -0.58 0.00	30.20 -0.72 0.00	28.34 -0.57 0.00	24.84 -0.15 0.00	22.46 0.08 0.00
NIAGARA_230_LBMP 323716	24.15 0.16 0.00	23.36 -0.17 0.00	20.11 -0.28 0.00	18.90 -0.48 0.00	20.06 -0.26 0.00	20.09 -0.17 0.00	21.14 -0.12 0.00	25.22 -0.29 0.00	27.31 -0.50 0.00	27.95 -0.22 0.00	26.89 0.20 0.00	26.37 0.07 0.00	28.72 -0.20 0.00	29.13 -0.24 0.00	28.53 -0.13 0.00	28.71 -0.17 0.00	29.54 -0.17 0.00	41.05 -0.20 0.00	34.61 0.10 0.00	30.92 -0.21 0.00	30.57 -0.35 0.00	28.67 -0.24 0.00	25.10 0.10 0.00	22.62 0.25 0.00
NIAGARA__115KV_198_GIBSON 55903	24.04 0.05 0.00	23.25 -0.27 0.00	19.98 -0.41 0.00	18.78 -0.61 0.00	19.94 -0.38 0.00	19.97 -0.29 0.00	20.99 -0.27 0.00	25.04 -0.46 0.00	26.97 -0.84 0.00	27.58 -0.58 0.00	26.54 -0.15 0.00	26.03 -0.27 0.00	28.34 -0.58 0.00	28.78 -0.59 0.00	28.21 -0.45 0.00	28.39 -0.49 0.00	29.22 -0.50 0.00	40.53 -0.72 0.00	34.21 -0.30 0.00	30.55 -0.58 0.00	30.19 -0.73 0.00	28.34 -0.57 0.00	24.84 -0.15 0.00	22.46 0.09 0.00
NIAGARA____ 23760	24.04 0.05 0.00	23.25 -0.28 0.00	20.01 -0.38 0.00	18.80 -0.58 0.00	19.96 -0.35 0.00	20.00 -0.26 0.00	21.07 -0.19 0.00	25.11 -0.39 0.00	27.16 -0.65 0.00	27.79 -0.37 0.00	26.74 0.05 0.00	26.24 -0.07 0.00	28.57 -0.36 0.00	28.99 -0.37 0.00	28.41 -0.25 0.00	28.60 -0.28 0.00	29.43 -0.29 0.00	40.86 -0.39 0.00	34.46 -0.05 0.00	30.79 -0.34 0.00	30.43 -0.49 0.00	28.54 -0.37 0.00	24.99 0.00 0.00	22.55 0.17 0.00
NINE_MILE_1 23575	23.50 -0.50 0.00	22.99 -0.54 0.00	19.90 -0.49 0.00	18.89 -0.49 0.00	19.83 -0.49 0.00	19.79 -0.47 0.00	20.77 -0.49 0.00	24.79 -0.71 0.00	27.00 -0.81 0.00	27.39 -0.78 0.00	26.04 -0.65 0.00	25.64 -0.66 0.00	28.19 -0.74 0.00	28.62 -0.75 0.00	27.93 -0.73 0.00	28.16 -0.71 0.00	28.99 -0.73 0.00	40.26 -0.99 0.00	33.72 -0.79 0.00	30.37 -0.76 0.00	30.14 -0.78 0.00	28.18 -0.73 0.00	24.36 -0.63 0.00	21.83 -0.54 0.00
NINE_MILE_2 23744	23.50 -0.49 0.00	22.99 -0.54 0.00	19.91 -0.49 0.00	18.90 -0.48 0.00	19.83 -0.49 0.00	19.79 -0.47 0.00	20.77 -0.49 0.00	24.79 -0.71 0.00	27.00 -0.81 0.00	27.39 -0.78 0.00	26.04 -0.65 0.00	25.64 -0.66 0.00	28.19 -0.74 0.00	28.62 -0.75 0.00	27.93 -0.73 0.00	28.16 -0.71 0.00	28.99 -0.73 0.00	40.26 -0.99 0.00	33.72 -0.79 0.00	30.37 -0.76 0.00	30.14 -0.78 0.00	28.18 -0.73 0.00	24.36 -0.63 0.00	21.83 -0.54 0.00
NM_CAPITAL____DRP 24208	24.51 0.52 0.00	24.04 0.51 0.00	20.87 0.48 0.00	19.85 0.46 0.00	20.73 0.41 0.00	20.63 0.37 0.00	21.72 0.46 0.00	25.98 0.48 0.00	28.43 0.62 0.00	28.71 0.54 0.00	27.12 0.44 0.00	20.95 0.47 5.82	29.49 0.59 0.03	30.02 0.65 0.00	28.91 0.54 0.29	29.25 0.47 0.10	30.23 0.52 0.00	41.86 0.61 0.00	35.03 0.52 0.00	31.73 0.60 0.00	31.59 0.67 0.00	29.55 0.64 0.00	25.43 0.43 0.00	22.83 0.45 0.00
NM_CENTRAL____DRP 24181	24.01 0.03 0.00	23.47 -0.06 0.00	20.31 -0.08 0.00	19.26 -0.12 0.00	20.23 -0.09 0.00	20.20 -0.06 0.00	21.24 -0.02 0.00	25.37 -0.13 0.00	27.64 -0.17 0.00	28.06 -0.11 0.00	26.71 0.02 0.00	26.30 0.00 0.00	28.91 -0.01 0.00	29.33 -0.03 0.00	28.64 -0.02 0.00	28.89 0.01 0.00	29.74 0.02 0.00	41.31 0.06 0.00	34.59 0.08 0.00	31.14 0.01 0.00	30.90 -0.02 0.00	28.87 -0.05 0.00	24.95 -0.04 0.00	22.35 -0.02 0.00
NM_FRONTIER____DRP 24179	24.04 0.05 0.00	23.25 -0.27 0.00	19.98 -0.41 0.00	18.78 -0.61 0.00	19.94 -0.38 0.00	19.97 -0.29 0.00	20.99 -0.27 0.00	25.04 -0.46 0.00	26.97 -0.84 0.00	27.58 -0.58 0.00	26.54 -0.15 0.00	26.03 -0.27 0.00	28.34 -0.58 0.00	28.78 -0.59 0.00	28.21 -0.45 0.00	28.39 -0.49 0.00	29.22 -0.50 0.00	40.53 -0.72 0.00	34.21 -0.30 0.00	30.55 -0.58 0.00	30.19 -0.73 0.00	28.34 -0.57 0.00	24.84 -0.15 0.00	22.46 0.09 0.00
NM_ST_REGIS____HYD 24053	23.97 -0.01 0.00	23.56 0.03 0.00	20.40 0.01 0.00	19.46 0.08 0.00	20.44 0.12 0.00	20.38 0.12 0.00	21.24 -0.02 0.00	25.47 -0.03 0.00	27.68 -0.13 0.00	27.96 -0.21 0.00	26.42 -0.26 0.00	26.03 -0.28 0.00	28.60 -0.32 0.00	29.07 -0.29 0.00	28.33 -0.33 0.00	28.57 -0.30 0.00	29.30 -0.41 0.00	40.78 -0.47 0.00	34.26 -0.25 0.00	30.96 -0.17 0.00	30.78 -0.14 0.00	28.76 -0.15 0.00	24.91 -0.08 0.00	22.37 0.00 0.00
NORTHPORT____1 23551	25.43 1.44 0.00	24.84 1.31 0.00	21.52 1.12 0.00	20.41 1.02 0.00	21.25 0.93 0.00	21.23 0.97 0.00	22.44 1.18 0.00	27.02 1.52 0.00	29.63 1.82 0.00	30.01 1.84 0.00	28.74 2.05 0.00	34.14 2.02 -5.82	31.17 2.22 -0.03	31.56 2.20 0.00	31.21 2.27 -0.29	41.02 2.41 -9.74	32.05 2.34 0.00	43.95 2.70 0.00	36.51 2.00 0.00	32.94 1.81 0.00	32.76 1.84 0.00	30.74 1.83 0.00	26.60 1.60 0.00	23.83 1.45 0.00
NORTHPORT____2 23552	25.43 1.44 0.00	24.84 1.31 0.00	21.52 1.12 0.00	20.41 1.02 0.00	21.25 0.93 0.00	21.23 0.97 0.00	22.44 1.18 0.00	27.02 1.52 0.00	29.63 1.82 0.00	30.01 1.84 0.00	28.74 2.05 0.00	34.14 2.02 -5.82	31.17 2.22 -0.03	31.56 2.20 0.00	31.21 2.27 -0.29	41.02 2.41 -9.74	32.05 2.34 0.00	43.95 2.70 0.00	36.51 2.00 0.00	32.94 1.81 0.00	32.76 1.84 0.00	30.74 1.83 0.00	26.60 1.60 0.00	23.83 1.45 0.00
NORTHPORT____3 23553	25.43 1.44 0.00	24.84 1.31 0.00	21.51 1.12 0.00	20.41 1.02 0.00	21.26 0.94 0.00	21.24 0.98 0.00	22.46 1.20 0.00	27.03 1.52 0.00	29.64 1.83 0.00	30.02 1.86 0.00	28.73 2.04 0.00	34.13 2.01 -5.82	31.20 2.24 -0.03	31.59 2.22 0.00	31.24 2.29 -0.29	41.05 2.43 -9.74	32.09 2.38 0.00	44.06 2.81 0.00	36.59 2.08 0.00	33.01 1.87 0.00	32.81 1.89 0.00	30.75 1.84 0.00	26.58 1.59 0.00	23.82 1.45 0.00
NORTHPORT____4 23650	25.43 1.44 0.00	24.84 1.31 0.00	21.51 1.12 0.00	20.41 1.02 0.00	21.26 0.94 0.00	21.24 0.98 0.00	22.46 1.20 0.00	27.03 1.52 0.00	29.64 1.83 0.00	30.02 1.86 0.00	28.73 2.04 0.00	34.13 2.01 -5.82	31.20 2.24 -0.03	31.59 2.22 0.00	31.24 2.29 -0.29	41.05 2.43 -9.74	32.09 2.38 0.00	44.06 2.81 0.00	36.59 2.08 0.00	33.01 1.87 0.00	32.81 1.89 0.00	30.75 1.84 0.00	26.58 1.59 0.00	23.82 1.45 0.00
NORTHPORT____IC 23718	25.43 1.44 0.00	24.84 1.31 0.00	21.52 1.12 0.00	20.41 1.02 0.00	21.25 0.93 0.00	21.23 0.97 0.00	22.44 1.18 0.00	27.02 1.52 0.00	29.63 1.82 0.00	30.01 1.84 0.00	28.74 2.05 0.00	34.14 2.02 -5.82	31.17 2.22 -0.03	31.56 2.20 0.00	31.21 2.27 -0.29	41.02 2.41 -9.74	32.05 2.34 0.00	43.95 2.70 0.00	36.51 2.00 0.00	32.94 1.81 0.00	32.76 1.84 0.00	30.74 1.83 0.00	26.60 1.60 0.00	23.83 1.45 0.00

NORTH____COUNTRY_ESR 323785	24.39 0.40 0.00	23.93 0.41 0.00	20.77 0.37 0.00	19.82 0.43 0.00	20.77 0.45 0.00	20.69 0.44 0.00	21.69 0.43 0.00	26.12 0.62 0.00	28.41 0.60 0.00	28.69 0.52 0.00	27.13 0.45 0.00	26.74 0.44 0.00	29.35 0.43 0.00	29.85 0.49 0.00	29.09 0.43 0.00	29.30 0.43 0.00	30.23 0.51 0.00	42.20 0.95 0.00	35.46 0.95 0.00	32.03 0.90 0.00	31.77 0.85 0.00	29.62 0.71 0.00	25.46 0.47 0.00	22.68 0.31 0.00
NPX_GEN_1385_PROXY 323591	25.46 1.47 0.00	24.87 1.35 0.00	21.56 1.16 0.00	20.44 1.06 0.00	21.29 0.97 0.00	21.27 1.01 0.00	22.48 1.23 0.00	27.07 1.57 0.00	29.68 1.87 0.00	30.06 1.90 0.00	28.80 2.11 0.00	34.19 2.07 -5.82	31.18 2.23 -0.03	31.56 2.20 0.00	31.26 2.32 -0.29	41.06 2.44 -9.74	32.11 2.40 0.00	44.03 2.78 0.00	36.58 2.07 0.00	33.01 1.87 0.00	32.82 1.90 0.00	30.80 1.89 0.00	26.64 1.65 0.00	24.23 1.50 -0.36
NPX_GEN_CSC 323557	25.20 1.21 0.00	24.66 1.13 0.00	21.33 0.94 0.00	20.22 0.84 0.00	20.99 0.67 0.00	20.96 0.71 0.00	22.18 0.92 0.00	26.71 1.21 0.00	29.32 1.51 0.00	29.69 1.53 0.00	28.41 1.72 0.00	33.76 1.64 -5.82	30.79 1.84 -0.03	31.21 1.84 0.00	30.89 1.95 -0.29	40.79 2.17 -9.74	31.87 2.16 0.00	43.79 2.54 0.00	36.41 1.90 0.00	32.93 1.80 0.00	32.72 1.80 0.00	30.66 1.74 0.00	26.40 1.41 0.00	23.98 1.25 -0.36
NSINS_S_GLNS_FALLS 23858	25.43 1.44 0.00	24.94 1.42 0.00	21.61 1.22 0.00	20.55 1.17 0.00	21.48 1.17 0.00	21.43 1.17 0.00	22.54 1.28 0.00	27.04 1.54 0.00	29.52 1.71 0.00	29.66 1.50 0.00	27.77 1.09 0.00	21.20 1.10 6.21	30.16 1.27 0.03	30.80 1.43 0.00	29.62 1.26 0.30	29.79 1.02 0.11	30.94 1.22 0.00	43.09 1.84 0.00	36.32 1.81 0.00	32.97 1.83 0.00	33.10 2.18 0.00	30.95 2.04 0.00	26.56 1.56 0.00	23.82 1.45 0.00
NUCOR_STEEL____DRP 24197	24.38 0.39 0.00	23.88 0.36 0.00	20.69 0.30 0.00	19.63 0.25 0.00	20.58 0.26 0.00	20.55 0.29 0.00	21.67 0.41 0.00	25.95 0.45 0.00	28.15 0.34 0.00	28.60 0.43 0.00	27.25 0.56 0.00	26.87 0.57 0.00	29.50 0.57 0.00	29.95 0.59 0.00	29.25 0.59 0.00	29.58 0.70 0.00	30.38 0.67 0.00	42.19 0.94 0.00	35.42 0.91 0.00	31.80 0.67 0.00	31.55 0.63 0.00	29.52 0.61 0.00	25.49 0.50 0.00	22.79 0.42 0.00
NUMBER_THREE_WT_PWR 323818	24.57 0.58 0.00	24.04 0.52 0.00	20.79 0.40 0.00	19.77 0.39 0.00	20.76 0.44 0.00	20.73 0.47 0.00	21.74 0.48 0.00	25.92 0.42 0.00	28.01 0.20 0.00	28.16 -0.01 0.00	26.61 -0.08 0.00	26.18 -0.12 0.00	28.81 -0.12 0.00	29.27 -0.09 0.00	28.55 -0.11 0.00	28.83 -0.05 0.00	29.71 0.00 0.00	41.49 0.24 0.00	34.93 0.42 0.00	31.67 0.54 0.00	31.66 0.74 0.00	29.60 0.69 0.00	25.57 0.58 0.00	22.91 0.53 0.00
NYISO_LBMP_REFERENCE 24008	23.99 0.00 0.00	23.53 0.00 0.00	20.39 0.00 0.00	19.38 0.00 0.00	20.32 0.00 0.00	20.26 0.00 0.00	21.26 0.00 0.00	25.50 0.00 0.00	27.81 0.00 0.00	28.17 0.00 0.00	26.69 0.00 0.00	26.30 0.00 0.00	28.92 0.00 0.00	29.37 0.00 0.00	28.66 0.00 0.00	28.88 0.00 0.00	29.71 0.00 0.00	41.25 0.00 0.00	34.51 0.00 0.00	31.13 0.00 0.00	30.92 0.00 0.00	28.91 0.00 0.00	24.99 0.00 0.00	22.37 0.00 0.00
NYPA_BRENTWD____GT 24164	25.69 1.70 0.00	25.07 1.55 0.00	21.70 1.31 0.00	20.58 1.20 0.00	21.43 1.12 0.00	21.42 1.16 0.00	22.66 1.40 0.00	27.30 1.79 0.00	29.94 2.13 0.00	30.33 2.16 0.00	29.02 2.33 0.00	34.41 2.29 -5.82	31.49 2.54 -0.03	31.90 2.53 0.00	31.56 2.61 -0.29	41.39 2.78 -9.74	32.37 2.65 0.00	44.43 3.18 0.00	36.92 2.41 0.00	33.30 2.17 0.00	33.13 2.21 0.00	31.15 2.24 0.00	26.91 1.92 0.00	24.08 1.71 0.00
NYPA_GOWANUS____GT5 24156	25.42 1.43 0.00	24.81 1.29 0.00	21.52 1.13 0.00	20.45 1.07 0.00	21.33 1.01 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.60 1.91 0.00	34.05 1.93 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.18 -0.10	31.85 2.14 0.00	43.94 2.69 0.00	36.41 1.90 0.00	32.85 1.72 0.00	32.66 1.74 0.00	30.53 1.61 0.00	26.46 1.46 0.00	23.71 1.34 0.00
NYPA_GOWANUS____GT6 24157	25.42 1.43 0.00	24.81 1.29 0.00	21.52 1.13 0.00	20.45 1.07 0.00	21.33 1.01 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.60 1.91 0.00	34.05 1.93 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.18 -0.10	31.85 2.14 0.00	43.94 2.69 0.00	36.41 1.90 0.00	32.85 1.72 0.00	32.66 1.74 0.00	30.53 1.61 0.00	26.46 1.46 0.00	23.71 1.34 0.00
NYPA_HARLEM_RVR_GT1 24160	25.31 1.32 0.00	24.73 1.20 0.00	21.45 1.05 0.00	20.36 0.98 0.00	21.24 0.92 0.00	21.25 0.99 0.00	22.49 1.23 0.00	27.02 1.52 0.00	29.54 1.73 0.00	29.92 1.75 0.00	28.43 1.74 0.00	33.88 1.76 -5.82	31.00 2.05 -0.03	31.38 2.02 0.00	30.92 1.98 -0.28	30.99 2.01 -0.10	31.61 1.90 0.00	43.63 2.39 0.00	36.17 1.66 0.00	32.65 1.53 0.00	32.53 1.61 0.00	30.39 1.48 0.00	26.33 1.33 0.00	23.61 1.24 0.00
NYPA_HARLEM_RVR_GT2 24161	25.31 1.32 0.00	24.73 1.20 0.00	21.45 1.05 0.00	20.36 0.98 0.00	21.24 0.92 0.00	21.25 0.99 0.00	22.49 1.23 0.00	27.02 1.52 0.00	29.54 1.73 0.00	29.92 1.75 0.00	28.43 1.74 0.00	33.88 1.76 -5.82	31.00 2.05 -0.03	31.38 2.02 0.00	30.92 1.98 -0.28	30.99 2.01 -0.10	31.61 1.90 0.00	43.63 2.39 0.00	36.17 1.66 0.00	32.65 1.53 0.00	32.53 1.61 0.00	30.39 1.48 0.00	26.33 1.33 0.00	23.61 1.24 0.00
NYPA_KENT____GT 24152	25.39 1.40 0.00	24.78 1.25 0.00	21.50 1.11 0.00	20.44 1.05 0.00	21.32 1.00 0.00	21.32 1.06 0.00	22.56 1.30 0.00	27.11 1.61 0.00	29.66 1.86 0.00	30.06 1.89 0.00	28.57 1.89 0.00	34.04 1.92 -5.82	31.18 2.22 -0.03	31.55 2.18 0.00	31.06 2.12 -0.28	31.16 2.18 -0.10	31.84 2.12 0.00	43.92 2.67 0.00	36.40 1.89 0.00	32.83 1.70 0.00	32.65 1.73 0.00	30.50 1.59 0.00	26.43 1.43 0.00	23.69 1.32 0.00
NYPA_POUCH1____GT 24155	25.39 1.40 0.00	24.79 1.26 0.00	21.50 1.11 0.00	20.42 1.04 0.00	21.30 0.99 0.00	21.32 1.06 0.00	22.54 1.28 0.00	27.09 1.58 0.00	29.60 1.79 0.00	30.00 1.84 0.00	28.53 1.84 0.00	33.97 1.86 -5.82	31.09 2.13 -0.03	31.43 2.06 0.00	30.98 2.03 -0.28	31.08 2.10 -0.10	31.77 2.05 0.00	43.84 2.59 0.00	36.35 1.85 0.00	32.77 1.64 0.00	32.56 1.64 0.00	30.45 1.54 0.00	26.43 1.44 0.00	23.69 1.32 0.00
NYPA_VERNON____GT2 24162	25.37 1.38 0.00	24.75 1.23 0.00	21.48 1.09 0.00	20.42 1.04 0.00	21.30 0.99 0.00	21.30 1.04 0.00	22.54 1.28 0.00	27.09 1.58 0.00	29.65 1.84 0.00	30.04 1.87 0.00	28.55 1.86 0.00	34.02 1.90 -5.82	31.15 2.20 -0.03	31.54 2.18 0.00	31.06 2.12 -0.28	31.15 2.17 -0.10	31.83 2.11 0.00	43.91 2.66 0.00	36.40 1.89 0.00	32.80 1.67 0.00	32.63 1.71 0.00	30.48 1.57 0.00	26.40 1.41 0.00	23.66 1.29 0.00

NYPA_VERNON____GT3 24163	25.37 1.38 0.00	24.75 1.23 0.00	21.48 1.09 0.00	20.42 1.04 0.00	21.30 0.99 0.00	21.30 1.04 0.00	22.54 1.28 0.00	27.09 1.58 0.00	29.65 1.84 0.00	30.04 1.87 0.00	28.55 1.86 0.00	34.02 1.90 -5.82	31.15 2.20 -0.03	31.54 2.18 0.00	31.06 2.12 -0.28	31.15 2.17 -0.10	31.83 2.11 0.00	43.91 2.66 0.00	36.40 1.89 0.00	32.80 1.67 0.00	32.63 1.71 0.00	30.48 1.57 0.00	26.40 1.41 0.00	23.66 1.29 0.00
NYPA____ASTORIA_CC1 323568	25.33 1.34 0.00	24.72 1.20 0.00	21.45 1.05 0.00	20.40 1.02 0.00	21.28 0.96 0.00	21.28 1.02 0.00	22.51 1.25 0.00	27.04 1.54 0.00	29.60 1.79 0.00	29.98 1.82 0.00	28.50 1.81 0.00	33.96 1.84 -5.82	31.09 2.14 -0.03	31.49 2.12 0.00	31.01 2.06 -0.28	31.09 2.11 -0.10	31.76 2.05 0.00	43.83 2.59 0.00	36.34 1.83 0.00	32.76 1.63 0.00	32.58 1.66 0.00	30.44 1.52 0.00	26.36 1.36 0.00	23.62 1.26 0.00
NYPA____ASTORIA_CC2 323569	25.33 1.34 0.00	24.72 1.20 0.00	21.45 1.05 0.00	20.40 1.02 0.00	21.28 0.96 0.00	21.28 1.02 0.00	22.51 1.25 0.00	27.04 1.54 0.00	29.60 1.79 0.00	29.98 1.82 0.00	28.50 1.81 0.00	33.96 1.84 -5.82	31.09 2.14 -0.03	31.49 2.12 0.00	31.01 2.06 -0.28	31.09 2.11 -0.10	31.76 2.05 0.00	43.83 2.59 0.00	36.34 1.83 0.00	32.76 1.63 0.00	32.58 1.66 0.00	30.44 1.52 0.00	26.36 1.36 0.00	23.62 1.26 0.00
NYPA____HOLTSVILL 23794	25.46 1.47 0.00	24.86 1.34 0.00	21.53 1.14 0.00	20.41 1.03 0.00	21.24 0.92 0.00	21.21 0.95 0.00	22.43 1.17 0.00	27.00 1.50 0.00	29.62 1.81 0.00	30.00 1.84 0.00	28.71 2.02 0.00	34.08 1.96 -5.82	31.12 2.16 -0.03	31.52 2.15 0.00	31.21 2.27 -0.29	41.06 2.44 -9.74	32.14 2.42 0.00	44.13 2.88 0.00	36.67 2.16 0.00	33.09 1.96 0.00	32.89 1.97 0.00	30.84 1.93 0.00	26.65 1.65 0.00	23.87 1.50 0.00
NYPA____HELLGATE_GT1 24158	25.31 1.32 0.00	24.73 1.20 0.00	21.45 1.05 0.00	20.36 0.98 0.00	21.24 0.92 0.00	21.25 0.99 0.00	22.49 1.23 0.00	27.02 1.52 0.00	29.54 1.73 0.00	29.92 1.75 0.00	28.43 1.74 0.00	33.88 1.76 -5.82	31.00 2.05 -0.03	31.38 2.02 0.00	30.92 1.98 -0.28	30.99 2.01 -0.10	31.61 1.90 0.00	43.64 2.39 0.00	36.17 1.66 0.00	32.66 1.53 0.00	32.53 1.61 0.00	30.39 1.48 0.00	26.33 1.33 0.00	23.61 1.24 0.00
NYPA____HELLGATE_GT2 24159	25.31 1.32 0.00	24.73 1.20 0.00	21.45 1.05 0.00	20.36 0.98 0.00	21.24 0.92 0.00	21.25 0.99 0.00	22.49 1.23 0.00	27.02 1.52 0.00	29.54 1.73 0.00	29.92 1.75 0.00	28.43 1.74 0.00	33.88 1.76 -5.82	31.00 2.05 -0.03	31.38 2.02 0.00	30.92 1.98 -0.28	30.99 2.01 -0.10	31.61 1.90 0.00	43.64 2.39 0.00	36.17 1.66 0.00	32.66 1.53 0.00	32.53 1.61 0.00	30.39 1.48 0.00	26.33 1.33 0.00	23.61 1.24 0.00
NYS_BARGE____HYD 23848	24.39 0.40 0.00	23.58 0.06 0.00	20.30 -0.09 0.00	19.08 -0.31 0.00	20.25 -0.07 0.00	20.30 0.04 0.00	21.38 0.12 0.00	25.48 -0.02 0.00	27.60 -0.21 0.00	28.27 0.11 0.00	27.21 0.53 0.00	26.71 0.41 0.00	29.12 0.20 0.00	29.57 0.20 0.00	28.95 0.29 0.00	29.16 0.28 0.00	30.00 0.29 0.00	41.67 0.42 0.00	35.15 0.64 0.00	31.42 0.28 0.00	31.04 0.12 0.00	29.10 0.19 0.00	25.45 0.46 0.00	22.94 0.57 0.00
OAK ORCHARD____HYD 24046	24.45 0.46 0.00	23.75 0.22 0.00	20.48 0.09 0.00	19.32 -0.06 0.00	20.41 0.09 0.00	20.43 0.17 0.00	21.52 0.26 0.00	25.73 0.23 0.00	27.99 0.18 0.00	28.58 0.41 0.00	27.39 0.70 0.00	26.93 0.63 0.00	29.43 0.51 0.00	29.86 0.50 0.00	29.23 0.57 0.00	29.45 0.57 0.00	30.35 0.63 0.00	42.22 0.96 0.00	35.49 0.98 0.00	31.83 0.69 0.00	31.48 0.56 0.00	29.44 0.53 0.00	25.58 0.58 0.00	22.92 0.54 0.00
OAKDALE____35_KV_LOAD 356122	24.41 0.42 0.00	23.84 0.31 0.00	20.63 0.24 0.00	19.57 0.19 0.00	20.55 0.23 0.00	20.50 0.24 0.00	21.66 0.40 0.00	25.96 0.46 0.00	28.32 0.51 0.00	28.79 0.62 0.00	27.49 0.80 0.00	27.01 0.71 0.00	29.66 0.73 0.00	30.05 0.68 0.00	29.38 0.71 0.00	29.61 0.73 0.00	30.48 0.77 0.00	42.25 1.00 0.00	35.29 0.78 0.00	31.73 0.60 0.00	31.47 0.55 0.00	29.40 0.49 0.00	25.53 0.53 0.00	22.82 0.45 0.00
OCC_CHEM____DRP 24175	24.09 0.10 0.00	23.30 -0.23 0.00	20.02 -0.37 0.00	18.82 -0.57 0.00	19.98 -0.34 0.00	20.01 -0.25 0.00	21.04 -0.22 0.00	25.10 -0.41 0.00	27.05 -0.76 0.00	27.67 -0.50 0.00	26.62 -0.07 0.00	26.11 -0.19 0.00	28.43 -0.49 0.00	28.86 -0.51 0.00	28.29 -0.37 0.00	28.48 -0.40 0.00	29.31 -0.41 0.00	40.66 -0.59 0.00	34.31 -0.19 0.00	30.65 -0.49 0.00	30.28 -0.63 0.00	28.43 -0.49 0.00	24.91 -0.08 0.00	22.51 0.14 0.00
OH_GEN_PROXY 24063	24.15 0.16 0.00	23.37 -0.16 0.00	20.12 -0.27 0.00	18.91 -0.47 0.00	20.07 -0.25 0.00	20.09 -0.16 0.00	21.16 -0.10 0.00	25.26 -0.24 0.00	27.37 -0.44 0.00	28.02 -0.14 0.00	26.95 0.26 0.00	26.42 0.12 0.00	28.78 -0.14 0.00	29.18 -0.19 0.00	28.58 -0.08 0.00	28.77 -0.11 0.00	29.60 -0.12 0.00	41.13 -0.12 0.00	34.66 0.15 0.00	30.97 -0.16 0.00	30.62 -0.30 0.00	28.71 -0.20 0.00	25.13 0.14 0.00	22.99 0.26 -0.36
OLIN_CORP_DRP 24177	24.08 0.09 0.00	23.29 -0.24 0.00	20.02 -0.37 0.00	18.81 -0.57 0.00	19.97 -0.35 0.00	20.01 -0.24 0.00	21.08 -0.18 0.00	25.07 -0.44 0.00	27.14 -0.67 0.00	27.80 -0.37 0.00	26.76 0.07 0.00	26.24 -0.06 0.00	28.60 -0.33 0.00	29.02 -0.35 0.00	28.43 -0.23 0.00	28.63 -0.25 0.00	29.47 -0.25 0.00	40.90 -0.35 0.00	34.51 0.00 0.00	30.83 -0.30 0.00	30.46 -0.46 0.00	28.58 -0.33 0.00	25.04 0.05 0.00	22.61 0.23 0.00
OLIN_CORP_DSASP 323712	24.07 0.08 0.00	23.28 -0.25 0.00	20.03 -0.36 0.00	18.81 -0.57 0.00	19.98 -0.34 0.00	20.01 -0.25 0.00	21.04 -0.22 0.00	25.10 -0.41 0.00	27.05 -0.76 0.00	27.67 -0.50 0.00	26.62 -0.07 0.00	26.12 -0.18 0.00	28.43 -0.49 0.00	28.86 -0.51 0.00	28.29 -0.37 0.00	28.48 -0.40 0.00	29.30 -0.41 0.00	40.66 -0.59 0.00	34.31 -0.19 0.00	30.65 -0.49 0.00	30.29 -0.63 0.00	28.43 -0.48 0.00	24.91 -0.08 0.00	22.51 0.14 0.00
ONEIDA_HERK_LFGE 323681	24.51 0.52 0.00	23.99 0.46 0.00	20.76 0.36 0.00	19.72 0.34 0.00	20.69 0.37 0.00	20.66 0.40 0.00	21.70 0.44 0.00	25.95 0.45 0.00	28.22 0.41 0.00	28.53 0.37 0.00	27.04 0.35 0.00	26.64 0.34 0.00	29.40 0.48 0.00	29.89 0.53 0.00	29.10 0.44 0.00	29.38 0.50 0.00	30.27 0.56 0.00	42.18 0.92 0.00	35.37 0.87 0.00	31.98 0.85 0.00	31.82 0.90 0.00	29.71 0.80 0.00	25.63 0.64 0.00	22.90 0.53 0.00
ONEIDA____115KV_TB4 55905	24.62 0.62 0.00	24.07 0.54 0.00	20.81 0.42 0.00	19.76 0.38 0.00	20.73 0.41 0.00	20.70 0.45 0.00	21.79 0.53 0.00	26.04 0.53 0.00	28.32 0.51 0.00	28.65 0.49 0.00	27.22 0.54 0.00	26.82 0.52 0.00	29.64 0.71 0.00	30.12 0.75 0.00	29.34 0.68 0.00	29.63 0.75 0.00	30.56 0.85 0.00	42.55 1.30 0.00	35.65 1.14 0.00	32.21 1.08 0.00	31.99 1.07 0.00	29.86 0.94 0.00	25.74 0.75 0.00	22.98 0.60 0.00

ONONDAGA_REF_OCCRA 23987	24.15 0.16 0.00	23.60 0.08 0.00	20.43 0.04 0.00	19.38 0.00 0.00	20.35 0.03 0.00	20.32 0.06 0.00	21.38 0.12 0.00	25.55 0.05 0.00	27.85 0.04 0.00	28.25 0.09 0.00	26.90 0.21 0.00	26.48 0.18 0.00	29.11 0.18 0.00	29.53 0.17 0.00	28.85 0.19 0.00	29.11 0.23 0.00	29.97 0.25 0.00	41.63 0.38 0.00	34.85 0.34 0.00	31.38 0.25 0.00	31.14 0.22 0.00	29.09 0.18 0.00	25.14 0.15 0.00	22.50 0.13 0.00
ONONDAGA___COGEN 23986	24.14 0.14 0.00	23.62 0.09 0.00	20.45 0.06 0.00	19.40 0.02 0.00	20.37 0.05 0.00	20.34 0.08 0.00	21.40 0.14 0.00	25.57 0.07 0.00	27.85 0.04 0.00	28.26 0.10 0.00	26.90 0.21 0.00	26.50 0.20 0.00	29.10 0.17 0.00	29.54 0.17 0.00	28.87 0.21 0.00	29.13 0.25 0.00	30.00 0.29 0.00	41.68 0.43 0.00	34.90 0.39 0.00	31.41 0.28 0.00	31.16 0.23 0.00	29.11 0.20 0.00	25.15 0.16 0.00	22.50 0.13 0.00
ONTARIO___LFGE 23819	24.51 0.52 0.00	23.88 0.36 0.00	20.63 0.23 0.00	19.53 0.14 0.00	20.57 0.25 0.00	20.57 0.31 0.00	21.77 0.51 0.00	26.13 0.63 0.00	28.47 0.66 0.00	28.98 0.82 0.00	27.72 1.03 0.00	27.23 0.92 0.00	29.91 0.98 0.00	30.33 0.96 0.00	29.61 0.95 0.00	29.88 1.00 0.00	30.76 1.04 0.00	42.73 1.48 0.00	35.89 1.38 0.00	32.19 1.05 0.00	31.85 0.93 0.00	29.76 0.85 0.00	25.79 0.80 0.00	23.02 0.65 0.00
ORANGEVILLE_WT_PWR 323706	24.24 0.25 0.00	23.63 0.10 0.00	20.40 0.01 0.00	19.24 -0.14 0.00	20.37 0.05 0.00	20.41 0.15 0.00	21.58 0.32 0.00	25.86 0.36 0.00	28.17 0.36 0.00	28.83 0.66 0.00	27.76 1.08 0.00	27.22 0.92 0.00	29.67 0.74 0.00	30.01 0.64 0.00	29.34 0.68 0.00	29.50 0.62 0.00	30.45 0.74 0.00	42.17 0.91 0.00	35.45 0.94 0.00	31.66 0.53 0.00	31.29 0.37 0.00	29.27 0.36 0.00	25.57 0.58 0.00	22.92 0.55 0.00
ORANGEVILLE___ESR 323794	24.24 0.25 0.00	23.63 0.10 0.00	20.40 0.01 0.00	19.24 -0.14 0.00	20.37 0.05 0.00	20.41 0.15 0.00	21.58 0.32 0.00	25.86 0.36 0.00	28.17 0.36 0.00	28.83 0.66 0.00	27.76 1.08 0.00	27.22 0.92 0.00	29.67 0.74 0.00	30.01 0.64 0.00	29.34 0.68 0.00	29.50 0.62 0.00	30.45 0.74 0.00	42.17 0.91 0.00	35.45 0.94 0.00	31.66 0.53 0.00	31.29 0.37 0.00	29.27 0.36 0.00	25.57 0.58 0.00	22.92 0.55 0.00
OSWEGATCHIE___HYD 24044	24.17 0.18 0.00	23.70 0.18 0.00	20.51 0.12 0.00	19.53 0.14 0.00	20.51 0.20 0.00	20.47 0.21 0.00	21.39 0.13 0.00	25.54 0.03 0.00	27.66 -0.15 0.00	27.87 -0.30 0.00	26.32 -0.37 0.00	25.90 -0.40 0.00	28.46 -0.47 0.00	28.91 -0.46 0.00	28.22 -0.44 0.00	28.48 -0.40 0.00	29.27 -0.45 0.00	40.81 -0.44 0.00	34.33 -0.18 0.00	31.10 -0.03 0.00	31.03 0.11 0.00	29.03 0.11 0.00	25.12 0.13 0.00	22.57 0.20 0.00
OSWEGO___5 23606	23.67 -0.32 0.00	23.16 -0.37 0.00	20.05 -0.34 0.00	19.03 -0.35 0.00	19.98 -0.34 0.00	19.94 -0.32 0.00	20.94 -0.32 0.00	25.01 -0.50 0.00	27.24 -0.57 0.00	27.64 -0.53 0.00	26.28 -0.41 0.00	25.88 -0.42 0.00	28.44 -0.48 0.00	28.87 -0.49 0.00	28.19 -0.48 0.00	28.43 -0.45 0.00	29.26 -0.46 0.00	40.64 -0.61 0.00	34.03 -0.48 0.00	30.65 -0.48 0.00	30.41 -0.51 0.00	28.43 -0.48 0.00	24.58 -0.41 0.00	22.02 -0.35 0.00
OSWEGO___6 23613	23.67 -0.32 0.00	23.16 -0.37 0.00	20.05 -0.34 0.00	19.03 -0.35 0.00	19.98 -0.34 0.00	19.94 -0.32 0.00	20.94 -0.32 0.00	25.01 -0.50 0.00	27.24 -0.57 0.00	27.64 -0.53 0.00	26.28 -0.41 0.00	25.88 -0.42 0.00	28.44 -0.48 0.00	28.87 -0.49 0.00	28.19 -0.48 0.00	28.43 -0.45 0.00	29.26 -0.46 0.00	40.64 -0.61 0.00	34.03 -0.48 0.00	30.65 -0.48 0.00	30.41 -0.51 0.00	28.43 -0.48 0.00	24.58 -0.41 0.00	22.02 -0.35 0.00
OUTOKUMPU-AB___DRP 24206	24.60 0.61 0.00	23.81 0.28 0.00	20.46 0.07 0.00	19.24 -0.14 0.00	20.41 0.09 0.00	20.45 0.19 0.00	21.55 0.29 0.00	25.74 0.23 0.00	27.85 0.04 0.00	28.54 0.38 0.00	27.50 0.82 0.00	26.99 0.69 0.00	29.44 0.51 0.00	29.88 0.52 0.00	29.30 0.64 0.00	29.49 0.61 0.00	30.36 0.65 0.00	42.14 0.88 0.00	35.51 1.00 0.00	31.70 0.56 0.00	31.30 0.38 0.00	29.34 0.42 0.00	25.66 0.67 0.00	23.09 0.71 0.00
OXBOW____ 24026	24.39 0.41 0.00	23.59 0.07 0.00	20.30 -0.09 0.00	19.08 -0.30 0.00	20.26 -0.06 0.00	20.29 0.03 0.00	21.36 0.10 0.00	25.50 -0.01 0.00	27.54 -0.27 0.00	28.19 0.03 0.00	27.15 0.46 0.00	26.65 0.35 0.00	29.05 0.13 0.00	29.50 0.13 0.00	28.91 0.25 0.00	29.10 0.22 0.00	29.95 0.23 0.00	41.56 0.31 0.00	35.05 0.54 0.00	31.30 0.16 0.00	30.91 -0.01 0.00	28.99 0.08 0.00	25.37 0.38 0.00	22.87 0.50 0.00
OXY_CHEM_DSASP 323612	24.09 0.10 0.00	23.30 -0.23 0.00	20.02 -0.37 0.00	18.82 -0.57 0.00	19.98 -0.34 0.00	20.01 -0.25 0.00	21.04 -0.22 0.00	25.10 -0.41 0.00	27.05 -0.76 0.00	27.67 -0.50 0.00	26.62 -0.07 0.00	26.11 -0.19 0.00	28.43 -0.49 0.00	28.86 -0.51 0.00	28.29 -0.37 0.00	28.48 -0.40 0.00	29.31 -0.41 0.00	40.66 -0.59 0.00	34.31 -0.19 0.00	30.65 -0.49 0.00	30.28 -0.63 0.00	28.43 -0.49 0.00	24.91 -0.08 0.00	22.51 0.14 0.00
OZONE_PARK_ESR 323760	25.57 1.58 0.00	24.93 1.41 0.00	21.62 1.23 0.00	20.54 1.16 0.00	21.43 1.11 0.00	21.43 1.17 0.00	22.67 1.41 0.00	27.27 1.77 0.00	29.85 2.04 0.00	30.25 2.08 0.00	28.74 2.05 -5.82	34.22 2.11 -0.03	31.37 2.41 0.00	31.76 2.40 0.00	31.28 2.33 -0.28	31.37 2.39 -0.10	32.08 2.37 0.00	44.26 3.01 0.00	36.70 2.19 0.00	33.04 1.91 0.00	32.88 1.96 0.00	30.72 1.81 0.00	26.60 1.61 0.00	23.84 1.47 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	24.09 0.10 0.00	23.30 -0.23 0.00	20.02 -0.37 0.00	18.82 -0.57 0.00	19.98 -0.34 0.00	20.01 -0.25 0.00	21.04 -0.22 0.00	25.10 -0.41 0.00	27.05 -0.76 0.00	27.67 -0.50 0.00	26.62 -0.07 0.00	26.11 -0.19 0.00	28.43 -0.49 0.00	28.86 -0.51 0.00	28.29 -0.37 0.00	28.48 -0.40 0.00	29.31 -0.41 0.00	40.66 -0.59 0.00	34.31 -0.19 0.00	30.65 -0.49 0.00	30.28 -0.63 0.00	28.43 -0.49 0.00	24.91 -0.08 0.00	22.51 0.14 0.00
PACKARD___115KV_DUPONT_184 80571	24.09 0.10 0.00	23.30 -0.23 0.00	20.02 -0.37 0.00	18.82 -0.57 0.00	19.98 -0.34 0.00	20.01 -0.25 0.00	21.04 -0.22 0.00	25.10 -0.41 0.00	27.05 -0.76 0.00	27.67 -0.50 0.00	26.62 -0.07 0.00	26.11 -0.19 0.00	28.43 -0.49 0.00	28.86 -0.51 0.00	28.29 -0.37 0.00	28.48 -0.40 0.00	29.31 -0.41 0.00	40.66 -0.59 0.00	34.31 -0.19 0.00	30.65 -0.49 0.00	30.28 -0.63 0.00	28.43 -0.49 0.00	24.91 -0.08 0.00	22.51 0.14 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	25.30 1.31 0.00	24.71 1.19 0.00	21.43 1.04 0.00	20.36 0.97 0.00	21.24 0.92 0.00	21.24 0.98 0.00	22.48 1.22 0.00	27.00 1.50 0.00	29.52 1.71 0.00	29.90 1.73 0.00	28.41 1.72 -5.82	33.86 1.74 -0.03	30.97 2.02 0.00	31.37 2.00 0.00	30.89 1.95 -0.28	30.99 2.01 -0.10	31.65 1.93 0.00	43.70 2.45 0.00	36.25 1.74 0.00	32.73 1.60 0.00	32.55 1.63 0.00	30.41 1.50 0.00	26.32 1.33 0.00	23.60 1.23 0.00

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	25.32 1.33 0.00	24.73 1.21 0.00	21.42 1.03 0.00	20.35 0.96 0.00	21.23 0.91 0.00	21.24 0.98 0.00	22.46 1.20 0.00	26.98 1.48 0.00	29.51 1.70 0.00	29.86 1.70 0.00	28.36 1.68 0.00	33.79 1.67 -5.82	30.99 2.03 -0.03	31.38 2.01 0.00	30.83 1.89 -0.28	30.96 1.98 -0.10	31.56 1.85 0.00	43.59 2.34 0.00	36.17 1.66 0.00	32.66 1.53 0.00	32.48 1.57 0.00	30.34 1.43 0.00	26.27 1.27 0.00	23.55 1.18 0.00
PATROON__115KV_TB1 80586	24.54 0.55 0.00	24.06 0.53 0.00	20.88 0.49 0.00	19.86 0.47 0.00	20.75 0.43 0.00	20.65 0.40 0.00	21.77 0.50 0.00	26.05 0.55 0.00	28.51 0.70 0.00	28.78 0.62 0.00	27.21 0.53 0.00	21.39 0.56 5.47	29.59 0.69 0.03	30.13 0.76 0.00	29.04 0.64 0.27	29.39 0.60 0.09	30.36 0.64 0.00	42.04 0.79 0.00	35.18 0.67 0.00	31.84 0.71 0.00	31.68 0.76 0.00	29.62 0.71 0.00	25.49 0.50 0.00	22.87 0.50 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	24.68 0.69 0.00	23.91 0.38 0.00	20.58 0.18 0.00	19.37 -0.02 0.00	20.52 0.20 0.00	20.54 0.28 0.00	21.70 0.44 0.00	25.97 0.46 0.00	28.24 0.43 0.00	28.94 0.78 0.00	27.89 1.20 0.00	27.34 1.04 0.00	29.85 0.93 0.00	30.27 0.90 0.00	29.61 0.95 0.00	29.81 0.94 0.00	30.71 1.00 0.00	42.64 1.38 0.00	35.85 1.34 0.00	32.00 0.87 0.00	31.61 0.69 0.00	29.58 0.67 0.00	25.87 0.88 0.00	23.20 0.83 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	25.40 1.41 0.00	24.79 1.27 0.00	21.50 1.11 0.00	20.43 1.04 0.00	21.32 1.01 0.00	21.31 1.05 0.00	22.52 1.26 0.00	27.05 1.54 0.00	29.60 1.79 0.00	29.97 1.80 0.00	28.45 1.76 0.00	33.13 1.79 -5.03	31.03 2.08 -0.03	31.50 2.13 0.00	30.98 2.08 -0.25	31.11 2.15 -0.09	31.87 2.15 0.00	44.08 2.83 0.00	36.64 2.13 0.00	33.02 1.89 0.00	32.82 1.90 0.00	30.63 1.71 0.00	26.45 1.46 0.00	23.71 1.33 0.00
PEEKSKILL____ 23653	25.14 1.14 0.00	24.54 1.01 0.00	21.27 0.88 0.00	20.22 0.84 0.00	21.11 0.79 0.00	21.09 0.84 0.00	22.29 1.03 0.00	26.77 1.27 0.00	29.28 1.47 0.00	29.65 1.49 0.00	28.18 1.49 0.00	33.54 1.53 -5.70	30.74 1.79 -0.03	31.15 1.78 0.00	30.68 1.74 -0.28	30.76 1.78 -0.10	31.48 1.77 0.00	43.49 2.24 0.00	36.13 1.62 0.00	32.55 1.42 0.00	32.36 1.43 0.00	30.22 1.31 0.00	26.15 1.15 0.00	23.46 1.09 0.00
PGE MADISON__WINDPWR 24146	25.69 1.70 0.00	25.09 1.56 0.00	21.66 1.27 0.00	20.54 1.16 0.00	21.60 1.29 0.00	21.65 1.39 0.00	22.92 1.66 0.00	27.53 2.03 0.00	29.93 2.12 0.00	30.43 2.26 0.00	28.89 2.20 0.00	28.20 1.90 0.00	31.04 2.11 0.00	31.54 2.18 0.00	30.79 2.13 0.00	31.42 2.54 0.00	32.27 2.55 0.00	44.77 3.52 0.00	37.68 3.18 0.00	34.05 2.92 0.00	33.78 2.86 0.00	31.50 2.59 0.00	27.18 2.18 0.00	24.15 1.77 0.00
PIERCEFIELD__HYD 23852	23.80 -0.19 0.00	23.39 -0.13 0.00	20.25 -0.14 0.00	19.32 -0.07 0.00	20.29 -0.03 0.00	20.24 -0.02 0.00	21.06 -0.20 0.00	25.22 -0.28 0.00	27.40 -0.41 0.00	27.67 -0.49 0.00	26.14 -0.55 0.00	25.74 -0.56 0.00	28.30 -0.62 0.00	28.75 -0.62 0.00	28.04 -0.62 0.00	28.28 -0.60 0.00	28.96 -0.75 0.00	40.27 -0.98 0.00	33.81 -0.70 0.00	30.57 -0.56 0.00	30.40 -0.51 0.00	28.44 -0.47 0.00	24.67 -0.32 0.00	22.22 -0.15 0.00
PINELAWN_CC_1 323563	25.61 1.62 0.00	24.99 1.46 0.00	21.64 1.25 0.00	20.51 1.13 0.00	21.38 1.06 0.00	21.36 1.11 0.00	22.61 1.35 0.00	27.23 1.73 0.00	29.87 2.06 0.00	30.24 2.07 0.00	28.91 2.22 0.00	34.29 2.17 -5.82	31.35 2.40 -0.03	31.75 2.39 0.00	31.39 2.45 -0.29	41.22 2.60 -9.74	32.30 2.59 0.00	44.39 3.14 0.00	36.89 2.38 0.00	33.27 2.13 0.00	33.09 2.17 0.00	31.01 2.10 0.00	26.79 1.80 0.00	23.98 1.61 0.00
PJM_GEN_HTP_PROXY 323702	25.31 1.32 0.00	24.69 1.16 0.00	21.40 1.01 0.00	20.35 0.97 0.00	21.23 0.91 0.00	21.22 0.96 0.00	22.44 1.18 0.00	26.98 1.48 0.00	29.52 1.71 0.00	29.91 1.75 0.00	28.42 1.73 0.00	33.90 1.78 -5.82	31.03 2.07 -0.03	31.42 2.06 0.00	30.96 1.97 -0.33	31.02 2.04 -0.10	31.73 2.01 0.00	43.77 2.51 0.00	36.27 1.76 0.00	32.66 1.53 0.00	32.51 1.59 0.00	30.37 1.45 0.00	26.30 1.31 0.00	23.59 1.22 0.00
PJM_GEN_KEystone 24065	24.59 0.60 0.00	23.96 0.44 0.00	20.72 0.33 0.00	19.65 0.26 0.00	20.62 0.30 0.00	20.61 0.35 0.00	21.80 0.54 0.00	26.16 0.65 0.00	28.56 0.74 0.00	29.04 0.88 0.00	27.78 1.10 0.00	30.39 1.03 -3.06	30.02 1.08 -0.02	30.36 1.00 0.00	29.89 1.04 -0.20	29.96 1.02 -0.05	30.75 1.04 0.00	42.54 1.28 0.00	35.43 0.92 0.00	31.80 0.67 0.00	31.53 0.61 0.00	29.46 0.55 0.00	25.66 0.67 0.00	25.08 0.66 -2.05
PJM_GEN_NEPTUNE_PROXY 323594	25.31 1.32 0.00	24.70 1.17 0.00	21.39 1.00 0.00	20.30 0.92 0.00	21.16 0.84 0.00	21.14 0.88 0.00	22.36 1.10 0.00	26.91 1.40 0.00	29.49 1.68 0.00	29.86 1.70 0.00	28.55 1.87 0.00	33.97 1.85 -5.82	31.03 2.08 -0.03	31.45 2.08 0.00	31.09 2.10 -0.33	40.83 2.22 -9.74	31.88 2.16 0.00	43.83 2.58 0.00	36.40 1.89 0.00	32.83 1.70 0.00	32.65 1.73 0.00	30.58 1.67 0.00	26.42 1.42 0.00	23.66 1.29 0.00
PJM_GEN_VFT_PROXY 323633	25.21 1.22 0.00	24.59 1.07 0.00	21.32 0.93 0.00	20.27 0.89 0.00	21.15 0.83 0.00	21.14 0.88 0.00	22.34 1.08 0.00	26.84 1.34 0.00	29.35 1.54 0.00	29.74 1.57 0.00	28.25 1.57 0.00	33.75 1.63 -5.82	30.87 1.91 -0.03	31.24 1.87 0.00	30.76 1.77 -0.33	30.81 1.83 -0.10	31.50 1.79 0.00	43.46 2.21 0.00	36.03 1.52 0.00	32.46 1.33 0.00	32.28 1.36 0.00	30.15 1.24 0.00	26.13 1.14 0.00	23.47 1.09 0.00
PLATSBRG_115KV_PMLD1 355749	24.80 0.81 0.00	24.29 0.76 0.00	21.10 0.70 0.00	20.13 0.75 0.00	21.08 0.76 0.00	20.99 0.73 0.00	22.03 0.77 0.00	26.50 1.00 0.00	28.82 1.01 0.00	29.07 0.90 0.00	27.50 0.81 0.00	27.12 0.82 0.00	29.78 0.85 0.00	30.31 0.94 0.00	29.50 0.84 0.00	29.71 0.83 0.00	30.71 1.00 0.00	42.93 1.68 0.00	36.11 1.60 0.00	32.65 1.52 0.00	32.37 1.45 0.00	30.15 1.24 0.00	25.86 0.86 0.00	23.05 0.67 0.00
PLEASANTVLY__LBMP 24000	25.03 1.04 0.00	24.47 0.94 0.00	21.24 0.85 0.00	20.19 0.80 0.00	21.07 0.76 0.00	21.03 0.77 0.00	22.20 0.94 0.00	26.62 1.12 0.00	29.12 1.31 0.00	29.46 1.29 0.00	27.95 1.27 0.00	34.15 1.29 -6.56	30.48 1.52 -0.03	30.90 1.53 0.00	30.45 1.46 -0.32	30.48 1.48 -0.11	31.20 1.48 0.00	43.12 1.87 0.00	35.87 1.36 0.00	32.38 1.25 0.00	32.20 1.28 0.00	30.09 1.18 0.00	26.01 1.01 0.00	23.35 0.98 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	25.22 1.23 0.00	24.63 1.10 0.00	21.36 0.97 0.00	20.30 0.92 0.00	21.19 0.87 0.00	21.16 0.90 0.00	22.37 1.11 0.00	26.86 1.36 0.00	29.39 1.59 0.00	29.76 1.60 0.00	28.28 1.59 0.00	33.79 1.62 -5.86	30.85 1.89 -0.03	31.26 1.89 0.00	30.79 1.84 -0.29	30.86 1.88 -0.10	31.56 1.85 0.00	43.62 2.36 0.00	36.24 1.73 0.00	32.67 1.53 0.00	32.48 1.56 0.00	30.34 1.43 0.00	26.23 1.24 0.00	23.53 1.16 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	25.22 1.23 0.00	24.63 1.10 0.00	21.36 0.97 0.00	20.30 0.92 0.00	21.19 0.87 0.00	21.16 0.90 0.00	22.37 1.11 0.00	26.86 1.36 0.00	29.39 1.59 0.00	29.76 1.60 0.00	28.28 1.59 0.00	33.79 1.62 -5.86	30.85 1.89 -0.03	31.26 1.89 0.00	30.79 1.84 -0.29	30.86 1.88 -0.10	31.56 1.85 0.00	43.62 2.36 0.00	36.24 1.73 0.00	32.67 1.53 0.00	32.48 1.56 0.00	30.34 1.43 0.00	26.23 1.24 0.00	23.53 1.16 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	25.24 1.25 0.00	24.65 1.13 0.00	21.39 1.00 0.00	20.32 0.94 0.00	21.22 0.90 0.00	21.18 0.92 0.00	22.37 1.12 0.00	26.83 1.33 0.00	29.36 1.55 0.00	29.69 1.53 0.00	28.17 1.48 0.00	26.71 1.50 1.08	30.68 1.76 0.01	31.18 1.82 0.00	30.35 1.74 0.05	30.67 1.81 0.02	31.54 1.83 0.00	43.67 2.42 0.00	36.33 1.82 0.00	32.78 1.64 0.00	32.58 1.66 0.00	30.43 1.52 0.00	26.27 1.28 0.00	23.55 1.18 0.00
POLETTI____ 23519	25.26 1.28 0.00	24.65 1.12 0.00	21.38 0.99 0.00	20.34 0.95 0.00	21.21 0.90 0.00	21.20 0.94 0.00	22.42 1.16 0.00	26.96 1.46 0.00	29.49 1.68 0.00	29.88 1.72 0.00	28.39 1.70 0.00	33.87 1.75 -5.82	30.98 2.03 -0.03	31.36 2.00 0.00	30.88 1.94 -0.28	30.97 1.99 -0.10	31.66 1.95 0.00	43.68 2.43 0.00	36.22 1.71 0.00	32.62 1.49 0.00	32.46 1.54 0.00	30.32 1.41 0.00	26.27 1.27 0.00	23.56 1.19 0.00
PORT_JEFF_3 23555	25.49 1.50 0.00	24.88 1.36 0.00	21.55 1.16 0.00	20.43 1.05 0.00	21.26 0.94 0.00	21.21 0.94 0.00	22.39 1.13 0.00	26.92 1.42 0.00	29.55 1.74 0.00	29.93 1.76 0.00	28.64 1.95 0.00	34.01 1.89 -5.82	31.04 2.08 -0.03	31.45 2.08 0.00	31.15 2.21 -0.29	41.00 2.38 -9.74	32.09 2.37 0.00	44.06 2.81 0.00	36.62 2.11 0.00	33.03 1.89 0.00	32.81 1.89 0.00	30.78 1.87 0.00	26.63 1.63 0.00	23.89 1.52 0.00
PORT_JEFF_4 23616	25.49 1.50 0.00	24.88 1.36 0.00	21.55 1.16 0.00	20.43 1.05 0.00	21.26 0.94 0.00	21.21 0.94 0.00	22.39 1.13 0.00	26.92 1.42 0.00	29.55 1.74 0.00	29.93 1.76 0.00	28.64 1.95 0.00	34.01 1.89 -5.82	31.04 2.08 -0.03	31.45 2.08 0.00	31.15 2.21 -0.29	41.00 2.38 -9.74	32.09 2.37 0.00	44.06 2.81 0.00	36.62 2.11 0.00	33.03 1.89 0.00	32.81 1.89 0.00	30.78 1.87 0.00	26.63 1.63 0.00	23.89 1.52 0.00
PORT_JEFF_IC 23713	25.52 1.53 0.00	24.92 1.39 0.00	21.58 1.18 0.00	20.45 1.07 0.00	21.28 0.96 0.00	21.24 0.98 0.00	22.43 1.17 0.00	26.99 1.49 0.00	29.62 1.81 0.00	30.01 1.84 0.00	28.71 2.03 0.00	34.09 1.97 -5.82	31.12 2.16 -0.03	31.53 2.17 0.00	31.26 2.31 -0.29	41.11 2.50 -9.74	32.21 2.50 0.00	44.23 2.98 0.00	36.76 2.25 0.00	33.15 2.02 0.00	32.94 2.02 0.00	30.89 1.98 0.00	26.70 1.70 0.00	23.94 1.56 0.00
PPL PILGRIM_ST_GT1 24216	25.69 1.70 0.00	25.07 1.55 0.00	21.70 1.31 0.00	20.58 1.20 0.00	21.43 1.12 0.00	21.42 1.16 0.00	22.66 1.40 0.00	27.30 1.79 0.00	29.94 2.13 0.00	30.33 2.16 0.00	29.02 2.33 0.00	34.41 2.29 -5.82	31.49 2.54 -0.03	31.90 2.53 0.00	31.56 2.61 -0.29	41.39 2.78 -9.74	32.37 2.65 0.00	44.43 3.18 0.00	36.92 2.41 0.00	33.30 2.17 0.00	33.13 2.21 0.00	31.15 2.24 0.00	26.91 1.92 0.00	24.08 1.71 0.00
PPL PILGRIM_ST_GT2 24217	25.69 1.70 0.00	25.07 1.55 0.00	21.70 1.31 0.00	20.58 1.20 0.00	21.43 1.12 0.00	21.42 1.16 0.00	22.66 1.40 0.00	27.30 1.79 0.00	29.94 2.13 0.00	30.33 2.16 0.00	29.02 2.33 0.00	34.41 2.29 -5.82	31.49 2.54 -0.03	31.90 2.53 0.00	31.56 2.61 -0.29	41.39 2.78 -9.74	32.37 2.65 0.00	44.43 3.18 0.00	36.92 2.41 0.00	33.30 2.17 0.00	33.13 2.21 0.00	31.15 2.24 0.00	26.91 1.92 0.00	24.08 1.71 0.00
PPL_SHRM_GT3 24213	25.20 1.21 0.00	24.66 1.13 0.00	21.33 0.94 0.00	20.22 0.84 0.00	20.99 0.67 0.00	20.96 0.71 0.00	22.18 0.92 0.00	26.70 1.20 0.00	29.32 1.51 0.00	29.69 1.52 0.00	28.40 1.71 0.00	33.74 1.62 -5.82	30.79 1.83 -0.03	31.21 1.84 0.00	30.87 1.92 -0.29	40.79 2.17 -9.74	31.86 2.14 0.00	43.78 2.53 0.00	36.41 1.90 0.00	32.92 1.79 0.00	32.72 1.80 0.00	30.66 1.74 0.00	26.41 1.41 0.00	23.62 1.25 0.00
PPL_SHRM_GT4 24214	25.20 1.21 0.00	24.66 1.13 0.00	21.33 0.94 0.00	20.22 0.84 0.00	20.99 0.67 0.00	20.96 0.71 0.00	22.18 0.92 0.00	26.70 1.20 0.00	29.32 1.51 0.00	29.69 1.52 0.00	28.40 1.71 0.00	33.74 1.62 -5.82	30.79 1.83 -0.03	31.21 1.84 0.00	30.87 1.92 -0.29	40.79 2.17 -9.74	31.86 2.14 0.00	43.78 2.53 0.00	36.41 1.90 0.00	32.92 1.79 0.00	32.72 1.80 0.00	30.66 1.74 0.00	26.41 1.41 0.00	23.62 1.25 0.00
PROJECT____ORANGE 1 24174	24.03 0.04 0.00	23.49 -0.04 0.00	20.32 -0.07 0.00	19.28 -0.10 0.00	20.25 -0.07 0.00	20.21 -0.05 0.00	21.25 -0.01 0.00	25.38 -0.12 0.00	27.67 -0.14 0.00	28.09 -0.07 0.00	26.74 0.05 0.00	26.33 0.03 0.00	28.95 0.03 0.00	29.37 0.00 0.00	28.67 0.01 0.00	28.92 0.04 0.00	29.77 0.05 0.00	41.35 0.10 0.00	34.62 0.11 0.00	31.17 0.04 0.00	30.92 0.00 0.00	28.89 -0.03 0.00	24.97 -0.02 0.00	22.36 -0.01 0.00
PROJECT____ORANGE 2 24166	24.03 0.04 0.00	23.49 -0.04 0.00	20.32 -0.07 0.00	19.28 -0.10 0.00	20.25 -0.07 0.00	20.21 -0.05 0.00	21.25 -0.01 0.00	25.38 -0.12 0.00	27.67 -0.14 0.00	28.09 -0.07 0.00	26.74 0.05 0.00	26.33 0.03 0.00	28.95 0.03 0.00	29.37 0.00 0.00	28.67 0.01 0.00	28.92 0.04 0.00	29.77 0.05 0.00	41.35 0.10 0.00	34.62 0.11 0.00	31.17 0.04 0.00	30.92 0.00 0.00	28.89 -0.03 0.00	24.97 -0.02 0.00	22.36 -0.01 0.00
PUCKETT____SOLAR 323809	24.75 0.76 0.00	24.17 0.64 0.00	20.92 0.52 0.00	19.85 0.46 0.00	20.84 0.52 0.00	20.83 0.57 0.00	22.01 0.75 0.00	26.37 0.87 0.00	28.69 0.88 0.00	29.16 1.00 0.00	27.84 1.15 0.00	27.39 1.09 0.00	29.98 1.06 0.00	30.29 0.93 0.00	29.59 0.94 0.00	30.03 1.15 0.00	30.88 1.17 0.00	42.95 1.70 0.00	35.93 1.42 0.00	32.37 1.24 0.00	32.10 1.18 0.00	29.99 1.08 0.00	25.99 1.00 0.00	23.20 0.83 0.00
PYRITES____HYD 24023	24.09 0.10 0.00	23.67 0.14 0.00	20.46 0.07 0.00	19.54 0.15 0.00	20.53 0.21 0.00	20.49 0.23 0.00	21.38 0.12 0.00	25.63 0.13 0.00	27.80 -0.01 0.00	28.09 -0.07 0.00	26.55 -0.14 0.00	26.16 -0.15 0.00	28.83 -0.09 0.00	29.31 -0.05 0.00	28.54 -0.12 0.00	28.83 -0.05 0.00	29.48 -0.23 0.00	41.02 -0.23 0.00	34.47 -0.04 0.00	31.21 0.07 0.00	31.04 0.12 0.00	29.04 0.13 0.00	25.14 0.15 0.00	22.55 0.18 0.00
QUAKERRD_115KV_BK1 80622	23.72 -0.27 0.00	23.06 -0.46 0.00	19.89 -0.50 0.00	18.79 -0.60 0.00	19.82 -0.50 0.00	19.83 -0.42 0.00	20.88 -0.38 0.00	25.00 -0.50 0.00	27.20 -0.61 0.00	27.73 -0.43 0.00	26.52 -0.17 0.00	26.08 -0.22 0.00	28.59 -0.34 0.00	29.01 -0.35 0.00	28.36 -0.30 0.00	28.60 -0.28 0.00	29.46 -0.25 0.00	41.00 -0.25 0.00	34.45 -0.06 0.00	30.91 -0.22 0.00	30.58 -0.34 0.00	28.57 -0.34 0.00	24.77 -0.22 0.00	22.17 -0.20 0.00

QUENSBRY_I15KV_TB8 356137	25.45 1.47 0.00	24.97 1.44 0.00	21.65 1.26 0.00	20.58 1.20 0.00	21.52 1.20 0.00	21.47 1.21 0.00	22.58 1.32 0.00	27.09 1.58 0.00	29.58 1.77 0.00	29.70 1.54 0.00	27.80 1.11 0.00	21.31 1.14 6.14	30.19 1.30 0.03	30.84 1.47 0.00	29.67 1.31 0.30	29.83 1.06 0.11	30.99 1.28 0.00	43.19 1.94 0.00	36.41 1.90 0.00	33.04 1.91 0.00	33.19 2.27 0.00	31.04 2.13 0.00	26.62 1.63 0.00	23.88 1.51 0.00
RAMAPO____LBMP 323565	24.99 1.00 0.00	24.41 0.89 0.00	21.16 0.76 0.00	20.11 0.73 0.00	20.99 0.67 0.00	20.98 0.72 0.00	22.17 0.91 0.00	26.63 1.13 0.00	29.13 1.31 0.00	29.49 1.33 0.00	28.04 1.35 0.00	33.02 1.40 -5.32	30.60 1.65 -0.03	30.99 1.62 0.00	30.51 1.59 -0.26	30.60 1.63 -0.09	31.34 1.62 0.00	43.31 2.06 0.00	35.98 1.47 0.00	32.42 1.29 0.00	32.20 1.28 0.00	30.06 1.15 0.00	26.01 1.02 0.00	23.36 0.99 0.00
RANKINE____ 23646	24.62 0.63 0.00	23.84 0.32 0.00	20.52 0.13 0.00	19.31 -0.08 0.00	20.47 0.15 0.00	20.50 0.24 0.00	21.64 0.38 0.00	25.89 0.39 0.00	28.14 0.33 0.00	28.84 0.67 0.00	27.80 1.11 0.00	27.26 0.96 0.00	29.74 0.82 0.00	30.15 0.78 0.00	29.50 0.85 0.00	29.70 0.82 0.00	30.60 0.89 0.00	42.48 1.23 0.00	35.76 1.25 0.00	31.93 0.80 0.00	31.53 0.61 0.00	29.52 0.61 0.00	25.81 0.82 0.00	23.17 0.80 0.00
RAVENSWOOD_GT2_1 24244	25.31 1.32 0.00	24.70 1.17 0.00	21.41 1.02 0.00	20.36 0.98 0.00	21.24 0.92 0.00	21.24 0.98 0.00	22.45 1.19 0.00	26.99 1.49 0.00	29.54 1.73 0.00	29.92 1.76 0.00	28.43 1.74 0.00	33.91 1.79 -5.82	31.03 2.07 -0.03	31.42 2.06 0.00	30.94 1.99 -0.28	31.03 2.05 -0.10	31.72 2.00 0.00	43.77 2.51 0.00	36.29 1.78 0.00	32.69 1.56 0.00	32.53 1.61 0.00	30.38 1.47 0.00	26.31 1.32 0.00	23.60 1.23 0.00
RAVENSWOOD_GT2_2 24245	25.31 1.32 0.00	24.70 1.17 0.00	21.41 1.02 0.00	20.36 0.98 0.00	21.24 0.92 0.00	21.24 0.98 0.00	22.45 1.19 0.00	26.99 1.49 0.00	29.54 1.73 0.00	29.92 1.76 0.00	28.43 1.74 0.00	33.91 1.79 -5.82	31.03 2.07 -0.03	31.42 2.06 0.00	30.94 1.99 -0.28	31.03 2.05 -0.10	31.72 2.00 0.00	43.77 2.51 0.00	36.29 1.78 0.00	32.69 1.56 0.00	32.53 1.61 0.00	30.38 1.47 0.00	26.31 1.32 0.00	23.60 1.23 0.00
RAVENSWOOD_GT2_3 24246	25.32 1.33 0.00	24.71 1.18 0.00	21.42 1.03 0.00	20.37 0.99 0.00	21.25 0.93 0.00	21.24 0.99 0.00	22.46 1.20 0.00	27.00 1.50 0.00	29.55 1.74 0.00	29.94 1.77 0.00	28.44 1.76 0.00	33.93 1.81 -5.82	31.05 2.09 -0.03	31.44 2.08 0.00	30.95 2.01 -0.28	31.04 2.06 -0.10	31.74 2.02 0.00	43.79 2.54 0.00	36.31 1.80 0.00	32.71 1.58 0.00	32.54 1.62 0.00	30.40 1.49 0.00	26.32 1.33 0.00	23.61 1.24 0.00
RAVENSWOOD_GT2_4 24247	25.32 1.33 0.00	24.71 1.18 0.00	21.42 1.03 0.00	20.37 0.99 0.00	21.25 0.93 0.00	21.24 0.99 0.00	22.46 1.20 0.00	27.00 1.50 0.00	29.55 1.74 0.00	29.94 1.77 0.00	28.44 1.76 0.00	33.93 1.81 -5.82	31.05 2.09 -0.03	31.44 2.08 0.00	30.95 2.01 -0.28	31.04 2.06 -0.10	31.74 2.02 0.00	43.79 2.54 0.00	36.31 1.80 0.00	32.71 1.58 0.00	32.54 1.62 0.00	30.40 1.49 0.00	26.32 1.33 0.00	23.61 1.24 0.00
RAVENSWOOD_GT3_1 24248	25.31 1.32 0.00	24.70 1.17 0.00	21.41 1.02 0.00	20.36 0.98 0.00	21.24 0.92 0.00	21.23 0.97 0.00	22.45 1.19 0.00	26.98 1.48 0.00	29.54 1.73 0.00	29.92 1.75 0.00	28.43 1.74 0.00	33.91 1.79 -5.82	31.03 2.07 -0.03	31.42 2.06 0.00	30.94 1.99 -0.28	31.03 2.05 -0.10	31.72 2.00 0.00	43.77 2.51 0.00	36.29 1.78 0.00	32.69 1.56 0.00	32.53 1.61 0.00	30.38 1.47 0.00	26.31 1.32 0.00	23.60 1.23 0.00
RAVENSWOOD_GT3_2 24249	25.31 1.32 0.00	24.70 1.17 0.00	21.41 1.02 0.00	20.36 0.98 0.00	21.24 0.92 0.00	21.23 0.97 0.00	22.45 1.19 0.00	26.98 1.48 0.00	29.54 1.73 0.00	29.92 1.75 0.00	28.43 1.74 0.00	33.91 1.79 -5.82	31.03 2.07 -0.03	31.42 2.06 0.00	30.94 1.99 -0.28	31.03 2.05 -0.10	31.72 2.00 0.00	43.77 2.51 0.00	36.29 1.78 0.00	32.69 1.56 0.00	32.53 1.61 0.00	30.38 1.47 0.00	26.31 1.32 0.00	23.60 1.23 0.00
RAVENSWOOD_GT3_3 24250	25.34 1.35 0.00	24.73 1.20 0.00	21.45 1.06 0.00	20.39 1.01 0.00	21.27 0.95 0.00	21.26 1.01 0.00	22.49 1.23 0.00	27.03 1.53 0.00	29.59 1.78 0.00	29.97 1.81 0.00	28.48 1.80 0.00	33.97 1.85 -5.82	31.09 2.13 -0.03	31.48 2.12 0.00	31.00 2.05 -0.28	31.09 2.11 -0.10	31.78 2.06 0.00	43.85 2.60 0.00	36.36 1.85 0.00	32.75 1.62 0.00	32.58 1.66 0.00	30.44 1.53 0.00	26.36 1.37 0.00	23.64 1.27 0.00
RAVENSWOOD_GT3_4 24251	25.34 1.35 0.00	24.73 1.21 0.00	21.45 1.05 0.00	20.39 1.00 0.00	21.27 0.95 0.00	21.26 1.00 0.00	22.49 1.23 0.00	27.03 1.53 0.00	29.59 1.78 0.00	29.97 1.81 0.00	28.49 1.80 0.00	33.96 1.85 -5.82	31.09 2.13 -0.03	31.48 2.11 0.00	31.00 2.06 -0.28	31.09 2.11 -0.10	31.78 2.07 0.00	43.85 2.60 0.00	36.36 1.85 0.00	32.75 1.62 0.00	32.58 1.66 0.00	30.44 1.53 0.00	26.36 1.37 0.00	23.64 1.27 0.00
RAVENSWOOD_GT_1 23729	25.37 1.38 0.00	24.75 1.23 0.00	21.48 1.09 0.00	20.42 1.04 0.00	21.30 0.99 0.00	21.30 1.04 0.00	22.54 1.28 0.00	27.09 1.58 0.00	29.65 1.84 0.00	30.04 1.87 0.00	28.55 1.86 0.00	34.02 1.90 -5.82	31.15 2.20 -0.03	31.54 2.18 0.00	31.06 2.12 -0.28	31.15 2.17 -0.10	31.83 2.11 0.00	43.91 2.66 0.00	36.40 1.89 0.00	32.80 1.67 0.00	32.63 1.71 0.00	30.48 1.57 0.00	26.40 1.41 0.00	23.66 1.29 0.00
RAVENSWOOD_GT_10 24258	25.30 1.31 0.00	24.69 1.17 0.00	21.41 1.02 0.00	20.35 0.97 0.00	21.24 0.92 0.00	21.23 0.97 0.00	22.45 1.19 0.00	26.98 1.48 0.00	29.53 1.72 0.00	29.91 1.75 0.00	28.42 1.74 0.00	33.91 1.79 -5.82	31.02 2.07 -0.03	31.42 2.05 0.00	30.93 1.98 -0.28	31.02 2.04 -0.10	31.71 1.99 0.00	43.76 2.51 0.00	36.28 1.78 0.00	32.69 1.56 0.00	32.52 1.60 0.00	30.38 1.47 0.00	26.31 1.32 0.00	23.60 1.22 0.00
RAVENSWOOD_GT_11 24259	25.30 1.31 0.00	24.70 1.17 0.00	21.41 1.02 0.00	20.36 0.97 0.00	21.24 0.92 0.00	21.23 0.97 0.00	22.45 1.19 0.00	26.98 1.48 0.00	29.53 1.72 0.00	29.91 1.75 0.00	28.42 1.74 0.00	33.90 1.79 -5.82	31.02 2.07 -0.03	31.42 2.05 0.00	30.93 1.99 -0.28	31.03 2.05 -0.10	31.71 2.00 0.00	43.76 2.51 0.00	36.29 1.78 0.00	32.69 1.56 0.00	32.52 1.60 0.00	30.38 1.47 0.00	26.31 1.32 0.00	23.60 1.22 0.00
RAVENSWOOD_GT_4 24252	25.30 1.31 0.00	24.69 1.17 0.00	21.41 1.02 0.00	20.35 0.97 0.00	21.24 0.92 0.00	21.23 0.97 0.00	22.44 1.19 0.00	26.98 1.48 0.00	29.53 1.72 0.00	29.91 1.75 0.00	28.42 1.73 0.00	33.90 1.78 -5.82	31.02 2.06 -0.03	31.41 2.05 0.00	30.92 1.98 -0.28	31.01 2.04 -0.10	31.70 1.99 0.00	43.76 2.50 0.00	36.28 1.77 0.00	32.68 1.55 0.00	32.52 1.60 0.00	30.38 1.47 0.00	26.31 1.31 0.00	23.60 1.22 0.00



RAVENSWOOD_GT_5 24254	25.30 1.31 0.00	24.69 1.17 0.00	21.41 1.02 0.00	20.35 0.97 0.00	21.24 0.92 0.00	21.23 0.97 0.00	22.44 1.19 0.00	26.98 1.48 0.00	29.53 1.72 0.00	29.91 1.75 0.00	28.42 1.73 0.00	33.90 1.78 -5.82	31.02 2.06 -0.03	31.41 2.05 0.00	30.92 1.98 -0.28	31.01 2.04 -0.10	31.70 1.99 0.00	43.76 2.50 0.00	36.28 1.77 0.00	32.68 1.55 0.00	32.52 1.60 0.00	30.38 1.47 0.00	26.31 1.31 0.00	23.60 1.22 0.00
RAVENSWOOD_GT_6 24253	25.30 1.31 0.00	24.69 1.17 0.00	21.41 1.02 0.00	20.35 0.97 0.00	21.24 0.92 0.00	21.23 0.97 0.00	22.44 1.19 0.00	26.98 1.48 0.00	29.53 1.72 0.00	29.91 1.75 0.00	28.42 1.73 0.00	33.90 1.78 -5.82	31.02 2.06 -0.03	31.41 2.05 0.00	30.92 1.98 -0.28	31.01 2.04 -0.10	31.70 1.99 0.00	43.76 2.50 0.00	36.28 1.77 0.00	32.68 1.55 0.00	32.52 1.60 0.00	30.38 1.47 0.00	26.31 1.31 0.00	23.60 1.22 0.00
RAVENSWOOD_GT_7 24255	25.30 1.31 0.00	24.69 1.17 0.00	21.41 1.02 0.00	20.35 0.97 0.00	21.24 0.92 0.00	21.23 0.97 0.00	22.44 1.19 0.00	26.98 1.48 0.00	29.53 1.72 0.00	29.91 1.75 0.00	28.42 1.73 0.00	33.90 1.78 -5.82	31.02 2.06 -0.03	31.41 2.05 0.00	30.92 1.98 -0.28	31.01 2.04 -0.10	31.70 1.99 0.00	43.76 2.50 0.00	36.28 1.77 0.00	32.68 1.55 0.00	32.52 1.60 0.00	30.38 1.47 0.00	26.31 1.31 0.00	23.60 1.22 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	25.30 1.31 0.00	24.69 1.17 0.00	21.41 1.02 0.00	20.35 0.97 0.00	21.24 0.92 0.00	21.23 0.97 0.00	22.45 1.19 0.00	26.98 1.48 0.00	29.53 1.72 0.00	29.91 1.75 0.00	28.42 1.74 0.00	33.91 1.79 -5.82	31.02 2.07 -0.03	31.42 2.05 0.00	30.93 1.98 -0.28	31.02 2.04 -0.10	31.71 1.99 0.00	43.76 2.51 0.00	36.28 1.78 0.00	32.69 1.56 0.00	32.52 1.60 0.00	30.38 1.47 0.00	26.31 1.32 0.00	23.60 1.22 0.00
RAVENSWOOD_GT_9 24257	25.30 1.31 0.00	24.70 1.17 0.00	21.41 1.02 0.00	20.36 0.97 0.00	21.24 0.92 0.00	21.23 0.97 0.00	22.45 1.19 0.00	26.98 1.48 0.00	29.53 1.72 0.00	29.91 1.75 0.00	28.42 1.74 0.00	33.90 1.79 -5.82	31.02 2.07 -0.03	31.42 2.05 0.00	30.93 1.99 -0.28	31.03 2.05 -0.10	31.71 2.00 0.00	43.76 2.51 0.00	36.29 1.78 0.00	32.69 1.56 0.00	32.52 1.60 0.00	30.38 1.47 0.00	26.31 1.32 0.00	23.60 1.22 0.00
RAVENSWOOD___1 23533	25.33 1.34 0.00	24.73 1.20 0.00	21.45 1.06 0.00	20.39 1.01 0.00	21.27 0.95 0.00	21.27 1.01 0.00	22.50 1.24 0.00	27.04 1.54 0.00	29.59 1.78 0.00	29.98 1.82 0.00	28.50 1.81 0.00	33.96 1.85 -5.82	31.09 2.14 -0.03	31.49 2.12 0.00	31.00 2.05 -0.28	31.09 2.11 -0.10	31.77 2.06 0.00	43.85 2.60 0.00	36.34 1.83 0.00	32.76 1.63 0.00	32.58 1.66 0.00	30.43 1.52 0.00	26.36 1.36 0.00	23.62 1.26 0.00
RAVENSWOOD___2 23534	25.33 1.34 0.00	24.73 1.20 0.00	21.45 1.06 0.00	20.39 1.01 0.00	21.27 0.95 0.00	21.27 1.01 0.00	22.50 1.24 0.00	27.04 1.54 0.00	29.59 1.78 0.00	29.98 1.82 0.00	28.50 1.81 0.00	33.96 1.85 -5.82	31.09 2.14 -0.03	31.49 2.12 0.00	31.00 2.05 -0.28	31.09 2.11 -0.10	31.77 2.06 0.00	43.85 2.60 0.00	36.34 1.83 0.00	32.76 1.63 0.00	32.58 1.66 0.00	30.43 1.52 0.00	26.36 1.36 0.00	23.62 1.26 0.00
RAVENSWOOD___3 23535	25.31 1.32 0.00	24.70 1.17 0.00	21.42 1.02 0.00	20.36 0.98 0.00	21.24 0.92 0.00	21.24 0.98 0.00	22.45 1.19 0.00	26.99 1.49 0.00	29.54 1.73 0.00	29.92 1.76 0.00	28.44 1.75 0.00	33.91 1.80 -5.82	31.03 2.08 -0.03	31.42 2.06 0.00	30.94 2.00 -0.28	31.03 2.05 -0.10	31.72 2.01 0.00	43.77 2.51 0.00	36.29 1.78 0.00	32.70 1.57 0.00	32.54 1.61 0.00	30.39 1.47 0.00	26.31 1.32 0.00	23.60 1.23 0.00
RAVENSWOOD___4 23820	25.33 1.34 0.00	24.73 1.20 0.00	21.45 1.06 0.00	20.39 1.01 0.00	21.27 0.95 0.00	21.27 1.01 0.00	22.50 1.24 0.00	27.04 1.54 0.00	29.59 1.78 0.00	29.98 1.82 0.00	28.50 1.81 0.00	33.96 1.85 -5.82	31.09 2.14 -0.03	31.49 2.12 0.00	31.00 2.05 -0.28	31.09 2.11 -0.10	31.77 2.06 0.00	43.85 2.60 0.00	36.34 1.83 0.00	32.76 1.63 0.00	32.58 1.66 0.00	30.43 1.52 0.00	26.36 1.36 0.00	23.62 1.26 0.00
RCPL_TRUST___DRP 24196	25.32 1.33 0.00	24.70 1.17 0.00	21.42 1.03 0.00	20.37 0.98 0.00	21.25 0.93 0.00	21.24 0.98 0.00	22.46 1.20 0.00	27.01 1.51 0.00	29.57 1.76 0.00	29.95 1.79 0.00	28.47 1.78 0.00	33.95 1.83 -5.82	31.08 2.12 -0.03	31.48 2.11 0.00	30.97 2.03 -0.28	31.06 2.09 -0.10	31.77 2.06 0.00	43.83 2.58 0.00	36.32 1.81 0.00	32.70 1.57 0.00	32.54 1.62 0.00	30.40 1.49 0.00	26.33 1.34 0.00	23.61 1.24 0.00
RED___ROCHESTER 323720	24.60 0.61 0.00	23.89 0.36 0.00	20.60 0.20 0.00	19.42 0.04 0.00	20.53 0.21 0.00	20.55 0.29 0.00	21.64 0.38 0.00	25.89 0.39 0.00	28.18 0.37 0.00	28.78 0.61 0.00	27.59 0.90 0.00	27.14 0.84 0.00	29.66 0.73 0.00	30.09 0.73 0.00	29.46 0.80 0.00	29.70 0.82 0.00	30.61 0.90 0.00	42.61 1.36 0.00	35.82 1.31 0.00	32.11 0.98 0.00	31.76 0.84 0.00	29.68 0.77 0.00	25.77 0.78 0.00	23.07 0.70 0.00
REGAN___SOLAR 323812	26.37 2.38 0.00	25.74 2.21 0.00	22.24 1.85 0.00	21.13 1.74 0.00	22.19 1.88 0.00	22.21 1.96 0.00	23.36 2.10 0.00	28.05 2.55 0.00	30.51 2.70 0.00	30.66 2.50 0.00	28.42 1.73 0.00	23.81 1.58 4.07	30.79 1.89 0.02	31.31 1.94 0.00	29.80 1.34 0.20	30.82 2.01 0.07	31.51 1.80 0.00	44.34 3.09 0.00	37.63 3.12 0.00	34.34 3.21 0.00	34.20 3.28 0.00	31.91 3.00 0.00	27.51 2.52 0.00	24.64 2.27 0.00
RENSSELAER___COGEN 23796	24.39 0.41 0.00	23.92 0.39 0.00	20.76 0.37 0.00	19.75 0.37 0.00	20.63 0.31 0.00	20.53 0.27 0.00	21.63 0.37 0.00	25.88 0.38 0.00	28.31 0.51 0.00	28.58 0.42 0.00	27.02 0.33 0.00	21.32 0.35 5.33	29.37 0.47 0.03	29.89 0.53 0.00	28.80 0.40 0.26	29.15 0.36 0.09	30.11 0.39 0.00	41.67 0.42 0.00	34.87 0.36 0.00	31.57 0.44 0.00	31.43 0.51 0.00	29.40 0.49 0.00	25.31 0.31 0.00	22.72 0.35 0.00
REPUBLIC_115KV_BARTNBRK 55605	26.92 2.93 0.00	26.44 2.91 0.00	22.83 2.44 0.00	21.73 2.34 0.00	22.70 2.39 0.00	22.74 2.48 0.00	23.86 2.60 0.00	28.57 3.07 0.00	31.12 3.32 0.00	31.04 2.87 0.00	29.07 2.38 0.00	22.59 2.50 6.21	31.80 2.91 0.03	32.58 3.21 0.00	31.12 2.77 0.30	31.52 2.74 0.11	32.87 3.15 0.00	45.91 4.66 0.00	38.64 4.13 0.00	35.03 3.90 0.00	35.19 4.27 0.00	32.95 4.04 0.00	28.12 3.13 0.00	25.30 2.93 0.00
REVERE_CPPR_DRP 24186	24.81 0.82 0.00	24.26 0.73 0.00	20.95 0.56 0.00	19.90 0.51 0.00	20.87 0.55 0.00	20.85 0.59 0.00	21.94 0.68 0.00	26.22 0.72 0.00	28.49 0.68 0.00	28.82 0.66 0.00	27.37 0.69 0.00	26.98 0.68 0.00	29.79 0.87 0.00	30.30 0.94 0.00	29.52 0.86 0.00	29.81 0.93 0.00	30.78 1.07 0.00	42.91 1.66 0.00	35.99 1.48 0.00	32.55 1.42 0.00	32.35 1.43 0.00	30.17 1.26 0.00	25.98 0.98 0.00	23.16 0.79 0.00

REYNOLDS_115KV_TB3 80639	24.57 0.58 0.00	24.10 0.57 0.00	20.92 0.53 0.00	19.90 0.52 0.00	20.78 0.46 0.00	20.67 0.41 0.00	21.74 0.49 0.00	25.99 0.49 0.00	28.45 0.64 0.00	28.71 0.54 0.00	27.12 0.43 0.00	20.46 0.46 6.31	29.47 0.58 0.03	30.00 0.64 0.00	28.86 0.51 0.31	29.20 0.43 0.11	30.20 0.49 0.00	41.83 0.58 0.00	35.00 0.49 0.00	31.74 0.61 0.00	31.60 0.68 0.00	29.57 0.66 0.00	25.45 0.46 0.00	22.86 0.49 0.00
RIVERBAY____ 323610	25.32 1.33 0.00	24.73 1.21 0.00	21.42 1.03 0.00	20.35 0.96 0.00	21.23 0.91 0.00	21.24 0.98 0.00	22.46 1.20 0.00	26.98 1.48 0.00	29.51 1.70 0.00	29.86 1.70 0.00	28.36 1.68 0.00	33.79 1.67 -5.82	30.99 2.03 -0.03	31.38 2.01 0.00	30.83 1.89 -0.28	30.96 1.98 -0.10	31.56 1.85 0.00	43.59 2.34 0.00	36.17 1.66 0.00	32.66 1.53 0.00	32.48 1.57 0.00	30.34 1.43 0.00	26.27 1.27 0.00	23.55 1.18 0.00
RIVERSDE_115KV_TB3 55908	24.51 0.52 0.00	24.04 0.51 0.00	20.87 0.48 0.00	19.85 0.46 0.00	20.73 0.41 0.00	20.63 0.37 0.00	21.72 0.46 0.00	25.98 0.48 0.00	28.43 0.62 0.00	28.71 0.54 0.00	27.12 0.44 0.00	20.95 0.47 5.82	29.49 0.59 0.03	30.02 0.65 0.00	28.91 0.54 0.29	29.25 0.47 0.10	30.23 0.52 0.00	41.86 0.61 0.00	35.03 0.52 0.00	31.73 0.60 0.00	31.59 0.67 0.00	29.55 0.64 0.00	25.43 0.43 0.00	22.83 0.45 0.00
ROARING____BROOK_WT_PWR 323790	23.66 -0.33 0.00	23.13 -0.39 0.00	20.11 -0.28 0.00	19.18 -0.20 0.00	20.16 -0.16 0.00	20.11 -0.15 0.00	21.05 -0.21 0.00	25.33 -0.17 0.00	27.62 -0.19 0.00	27.95 -0.22 0.00	26.44 -0.25 0.00	26.01 -0.29 0.00	28.58 -0.34 0.00	28.99 -0.38 0.00	28.27 -0.39 0.00	28.53 -0.35 0.00	29.32 -0.39 0.00	40.78 -0.47 0.00	34.11 -0.40 0.00	30.78 -0.35 0.00	30.53 -0.39 0.00	28.59 -0.32 0.00	24.81 -0.19 0.00	22.13 -0.25 0.00
ROCHESRG_115KV_T4 355643	24.35 0.36 0.00	23.65 0.12 0.00	20.39 0.00 0.00	19.23 -0.15 0.00	20.32 0.00 0.00	20.34 0.08 0.00	21.41 0.15 0.00	25.60 0.10 0.00	27.85 0.03 0.00	28.42 0.26 0.00	27.23 0.54 0.00	26.76 0.46 0.00	29.27 0.35 0.00	29.70 0.33 0.00	29.05 0.40 0.00	29.27 0.40 0.00	30.16 0.44 0.00	41.95 0.70 0.00	35.26 0.75 0.00	31.62 0.49 0.00	31.28 0.36 0.00	29.26 0.35 0.00	25.43 0.43 0.00	22.80 0.42 0.00
ROCHESTER_9_IC 23652	24.49 0.50 0.00	23.78 0.26 0.00	20.50 0.11 0.00	19.34 -0.04 0.00	20.44 0.12 0.00	20.45 0.19 0.00	21.54 0.28 0.00	25.77 0.26 0.00	28.04 0.22 0.00	28.62 0.45 0.00	27.43 0.75 0.00	26.96 0.66 0.00	29.49 0.56 0.00	29.92 0.55 0.00	29.28 0.62 0.00	29.50 0.63 0.00	30.41 0.69 0.00	42.30 1.04 0.00	35.56 1.05 0.00	31.89 0.75 0.00	31.54 0.62 0.00	29.49 0.58 0.00	25.61 0.62 0.00	22.94 0.57 0.00
ROCKVIEW_13_KV_LD 356306	25.32 1.33 0.00	24.71 1.18 0.00	21.42 1.03 0.00	20.37 0.98 0.00	21.25 0.93 0.00	21.24 0.98 0.00	22.45 1.19 0.00	26.98 1.48 0.00	29.53 1.72 0.00	29.91 1.74 0.00	28.43 1.74 0.00	33.89 1.77 -5.82	31.02 2.06 -0.03	31.42 2.05 0.00	30.94 1.99 -0.28	31.04 2.06 -0.10	31.74 2.02 0.00	43.82 2.57 0.00	36.38 1.87 0.00	32.78 1.65 0.00	32.60 1.68 0.00	30.45 1.54 0.00	26.34 1.35 0.00	23.62 1.25 0.00
ROME____115KV_TB2 80656	24.81 0.82 0.00	24.26 0.73 0.00	20.95 0.56 0.00	19.90 0.51 0.00	20.87 0.55 0.00	20.85 0.59 0.00	21.94 0.68 0.00	26.22 0.72 0.00	28.49 0.68 0.00	28.82 0.66 0.00	27.37 0.69 0.00	26.98 0.68 0.00	29.79 0.87 0.00	30.30 0.94 0.00	29.52 0.86 0.00	29.81 0.93 0.00	30.78 1.07 0.00	42.91 1.66 0.00	35.99 1.48 0.00	32.55 1.42 0.00	32.35 1.43 0.00	30.17 1.26 0.00	25.98 0.98 0.00	23.16 0.79 0.00
ROSETON____1 23587	25.00 1.01 0.00	24.44 0.91 0.00	21.20 0.81 0.00	20.16 0.77 0.00	21.04 0.72 0.00	21.01 0.75 0.00	22.17 0.92 0.00	26.60 1.10 0.00	29.09 1.28 0.00	29.44 1.28 0.00	27.95 1.27 0.00	32.90 1.29 -5.31	30.46 1.51 -0.03	30.88 1.52 0.00	30.38 1.46 -0.26	30.46 1.49 -0.09	31.20 1.48 0.00	43.13 1.88 0.00	35.87 1.36 0.00	32.36 1.23 0.00	32.18 1.26 0.00	30.07 1.15 0.00	25.99 1.00 0.00	23.33 0.96 0.00
ROSETON____2 23588	25.00 1.01 0.00	24.44 0.91 0.00	21.20 0.81 0.00	20.16 0.77 0.00	21.04 0.72 0.00	21.01 0.75 0.00	22.17 0.92 0.00	26.60 1.10 0.00	29.09 1.28 0.00	29.44 1.28 0.00	27.95 1.27 0.00	32.90 1.29 -5.31	30.46 1.51 -0.03	30.88 1.52 0.00	30.38 1.46 -0.26	30.46 1.49 -0.09	31.20 1.48 0.00	43.13 1.88 0.00	35.87 1.36 0.00	32.36 1.23 0.00	32.18 1.26 0.00	30.07 1.15 0.00	25.99 1.00 0.00	23.33 0.96 0.00
ROTTDAM_115KV_TB3 80664	24.88 0.89 0.00	24.37 0.85 0.00	21.14 0.75 0.00	20.09 0.71 0.00	21.02 0.70 0.00	20.94 0.67 0.00	22.04 0.78 0.00	26.41 0.91 0.00	28.86 1.05 0.00	29.15 0.98 0.00	27.54 0.85 0.00	22.30 0.85 4.85	29.90 1.00 0.03	30.43 1.06 0.00	29.38 0.96 0.24	29.71 0.92 0.08	30.69 0.97 0.00	42.56 1.31 0.00	35.63 1.13 0.00	32.26 1.13 0.00	32.13 1.21 0.00	30.04 1.12 0.00	25.89 0.89 0.00	23.21 0.84 0.00
RUSSELL____1 23602	24.61 0.62 0.00	23.89 0.37 0.00	20.60 0.20 0.00	19.42 0.04 0.00	20.53 0.21 0.00	20.55 0.29 0.00	21.64 0.38 0.00	25.89 0.39 0.00	28.17 0.37 0.00	28.78 0.62 0.00	27.59 0.90 0.00	27.13 0.83 0.00	29.66 0.73 0.00	30.09 0.73 0.00	29.46 0.80 0.00	29.70 0.82 0.00	30.61 0.90 0.00	42.62 1.37 0.00	35.82 1.31 0.00	32.12 0.98 0.00	31.75 0.83 0.00	29.68 0.78 0.00	25.77 0.78 0.00	23.07 0.70 0.00
RUSSELL____2 23532	24.61 0.62 0.00	23.89 0.37 0.00	20.60 0.20 0.00	19.42 0.04 0.00	20.53 0.21 0.00	20.55 0.29 0.00	21.64 0.38 0.00	25.89 0.39 0.00	28.17 0.37 0.00	28.78 0.62 0.00	27.59 0.90 0.00	27.13 0.83 0.00	29.66 0.73 0.00	30.09 0.73 0.00	29.46 0.80 0.00	29.70 0.82 0.00	30.61 0.90 0.00	42.62 1.37 0.00	35.82 1.31 0.00	32.12 0.98 0.00	31.75 0.83 0.00	29.68 0.78 0.00	25.77 0.78 0.00	23.07 0.70 0.00
RUSSELL____3 23549	24.61 0.62 0.00	23.89 0.37 0.00	20.60 0.20 0.00	19.42 0.04 0.00	20.53 0.21 0.00	20.55 0.29 0.00	21.64 0.38 0.00	25.89 0.39 0.00	28.17 0.37 0.00	28.78 0.62 0.00	27.59 0.90 0.00	27.13 0.83 0.00	29.66 0.73 0.00	30.09 0.73 0.00	29.46 0.80 0.00	29.70 0.82 0.00	30.61 0.90 0.00	42.62 1.37 0.00	35.82 1.31 0.00	32.12 0.98 0.00	31.75 0.83 0.00	29.68 0.78 0.00	25.77 0.78 0.00	23.07 0.70 0.00
RUSSELL____4 23556	24.61 0.62 0.00	23.89 0.37 0.00	20.60 0.20 0.00	19.42 0.04 0.00	20.53 0.21 0.00	20.55 0.29 0.00	21.64 0.38 0.00	25.89 0.39 0.00	28.17 0.37 0.00	28.78 0.62 0.00	27.59 0.90 0.00	27.13 0.83 0.00	29.66 0.73 0.00	30.09 0.73 0.00	29.46 0.80 0.00	29.70 0.82 0.00	30.61 0.90 0.00	42.62 1.37 0.00	35.82 1.31 0.00	32.12 0.98 0.00	31.75 0.83 0.00	29.68 0.78 0.00	25.77 0.78 0.00	23.07 0.70 0.00

RUSSELL___STATION 23914	24.61 0.62 0.00	23.89 0.37 0.00	20.60 0.20 0.00	19.42 0.04 0.00	20.53 0.21 0.00	20.55 0.29 0.00	21.64 0.38 0.00	25.89 0.39 0.00	28.17 0.37 0.00	28.78 0.62 0.00	27.59 0.90 0.00	27.13 0.83 0.00	29.66 0.73 0.00	30.09 0.73 0.00	29.46 0.80 0.00	29.70 0.82 0.00	30.61 0.90 0.00	42.62 1.37 0.00	35.82 1.31 0.00	32.12 0.98 0.00	31.75 0.83 0.00	29.68 0.78 0.00	25.77 0.78 0.00	23.07 0.70 0.00
S SALMON___HYD 24043	24.18 0.19 0.00	23.64 0.11 0.00	20.43 0.04 0.00	19.40 0.02 0.00	20.38 0.07 0.00	20.36 0.10 0.00	21.37 0.11 0.00	25.47 -0.04 0.00	27.63 -0.18 0.00	27.88 -0.28 0.00	26.45 -0.24 0.00	26.03 -0.27 0.00	28.60 -0.32 0.00	29.06 -0.30 0.00	28.38 -0.28 0.00	28.60 -0.27 0.00	29.42 -0.30 0.00	41.04 -0.21 0.00	34.48 -0.03 0.00	31.18 0.05 0.00	31.12 0.20 0.00	29.18 0.27 0.00	25.18 0.19 0.00	22.56 0.19 0.00
S.PERRY___115KV_TB1 80734	25.16 1.17 0.00	24.45 0.92 0.00	21.07 0.68 0.00	19.87 0.49 0.00	21.02 0.70 0.00	21.05 0.79 0.00	22.27 1.01 0.00	26.62 1.12 0.00	28.99 1.18 0.00	29.50 1.33 0.00	28.32 1.64 0.00	27.76 1.46 0.00	30.32 1.39 0.00	30.69 1.32 0.00	29.80 1.14 0.00	30.00 1.13 0.00	30.97 1.26 0.00	43.20 1.96 0.00	36.26 1.75 0.00	32.68 1.55 0.00	32.52 1.60 0.00	30.52 1.61 0.00	26.53 1.54 0.00	23.72 1.35 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	24.46 0.47 0.00	23.68 0.15 0.00	20.36 -0.03 0.00	19.15 -0.23 0.00	20.30 -0.01 0.00	20.34 0.09 0.00	21.44 0.18 0.00	25.63 0.12 0.00	27.80 -0.01 0.00	28.48 0.31 0.00	27.42 0.74 0.00	26.89 0.59 0.00	29.33 0.40 0.00	29.74 0.37 0.00	29.12 0.46 0.00	29.31 0.43 0.00	30.18 0.46 0.00	41.92 0.67 0.00	35.32 0.81 0.00	31.54 0.41 0.00	31.17 0.25 0.00	29.20 0.29 0.00	25.54 0.55 0.00	22.97 0.60 0.00
SAWYER___23_KV_LOAD 55526	24.46 0.47 0.00	23.68 0.15 0.00	20.36 -0.03 0.00	19.15 -0.23 0.00	20.30 -0.01 0.00	20.34 0.09 0.00	21.44 0.18 0.00	25.63 0.12 0.00	27.80 -0.01 0.00	28.48 0.31 0.00	27.42 0.74 0.00	26.89 0.59 0.00	29.33 0.40 0.00	29.74 0.37 0.00	29.12 0.46 0.00	29.31 0.43 0.00	30.18 0.46 0.00	41.92 0.67 0.00	35.32 0.81 0.00	31.54 0.41 0.00	31.17 0.25 0.00	29.20 0.29 0.00	25.54 0.55 0.00	22.97 0.60 0.00
SELKIRK___I 23801	24.68 0.69 0.00	24.19 0.67 0.00	21.02 0.62 0.00	19.98 0.60 0.00	20.88 0.56 0.00	20.78 0.52 0.00	21.88 0.62 0.00	26.17 0.66 0.00	28.62 0.81 0.00	28.90 0.73 0.00	27.30 0.62 0.00	23.45 0.62 3.47	29.65 0.74 0.02	30.16 0.79 0.00	29.17 0.68 0.17	29.47 0.64 0.06	30.40 0.69 0.00	42.10 0.85 0.00	35.26 0.75 0.00	31.93 0.80 0.00	31.79 0.87 0.00	29.74 0.83 0.00	25.62 0.62 0.00	22.98 0.61 0.00
SELKIRK___II 23799	24.52 0.53 0.00	24.04 0.51 0.00	20.87 0.48 0.00	19.85 0.46 0.00	20.74 0.42 0.00	20.64 0.38 0.00	21.74 0.48 0.00	26.02 0.51 0.00	28.45 0.65 0.00	28.75 0.58 0.00	27.18 0.50 0.00	22.75 0.51 4.06	29.53 0.63 0.02	30.04 0.67 0.00	29.03 0.57 0.20	29.34 0.54 0.07	30.28 0.57 0.00	41.92 0.67 0.00	35.06 0.55 0.00	31.73 0.60 0.00	31.58 0.66 0.00	29.55 0.63 0.00	25.46 0.46 0.00	22.84 0.47 0.00
SENECA OSWGO___HYD 24041	23.74 -0.25 0.00	23.22 -0.31 0.00	20.09 -0.30 0.00	19.07 -0.32 0.00	20.03 -0.29 0.00	19.99 -0.27 0.00	21.00 -0.26 0.00	25.07 -0.43 0.00	27.31 -0.50 0.00	27.68 -0.49 0.00	26.34 -0.35 0.00	25.95 -0.35 0.00	28.57 -0.35 0.00	28.98 -0.38 0.00	28.32 -0.34 0.00	28.55 -0.32 0.00	29.40 -0.31 0.00	40.87 -0.38 0.00	34.21 -0.30 0.00	30.82 -0.31 0.00	30.60 -0.32 0.00	28.60 -0.31 0.00	24.72 -0.27 0.00	22.12 -0.25 0.00
SENECA___115KV_TB3 355854	24.66 0.67 0.00	23.89 0.36 0.00	20.55 0.16 0.00	19.34 -0.04 0.00	20.49 0.18 0.00	20.53 0.27 0.00	21.67 0.42 0.00	25.93 0.43 0.00	28.18 0.37 0.00	28.88 0.72 0.00	27.85 1.16 0.00	27.31 1.01 0.00	29.80 0.88 0.00	30.21 0.84 0.00	29.57 0.91 0.00	29.76 0.87 0.00	30.66 0.95 0.00	42.57 1.32 0.00	35.83 1.32 0.00	31.99 0.86 0.00	31.59 0.67 0.00	29.58 0.67 0.00	25.86 0.87 0.00	23.21 0.84 0.00
SENECA___ENERGY 23797	24.26 0.27 0.00	23.68 0.15 0.00	20.48 0.09 0.00	19.38 0.00 0.00	20.39 0.07 0.00	20.40 0.14 0.00	21.55 0.29 0.00	25.82 0.32 0.00	28.09 0.28 0.00	28.56 0.40 0.00	27.26 0.58 0.00	26.83 0.53 0.00	29.47 0.54 0.00	29.90 0.54 0.00	29.22 0.56 0.00	29.47 0.60 0.00	30.34 0.62 0.00	42.14 0.89 0.00	35.40 0.89 0.00	31.75 0.62 0.00	31.44 0.52 0.00	29.39 0.48 0.00	25.45 0.45 0.00	22.73 0.36 0.00
SHOEMAKER___GT 23640	24.91 0.93 0.00	24.36 0.83 0.00	21.13 0.74 0.00	20.08 0.70 0.00	20.98 0.66 0.00	20.96 0.70 0.00	22.11 0.85 0.00	26.52 1.01 0.00	28.99 1.18 0.00	29.34 1.18 0.00	27.85 1.17 0.00	32.25 1.15 -4.80	30.25 1.30 -0.03	30.67 1.30 0.00	30.19 1.30 -0.24	30.29 1.33 -0.08	31.09 1.38 0.00	43.08 1.83 0.00	35.87 1.36 0.00	32.34 1.21 0.00	32.15 1.23 0.00	30.04 1.12 0.00	25.97 0.97 0.00	23.29 0.91 0.00
SHOEMAKR_138KV_BK 111 55601	24.89 0.90 0.00	24.33 0.80 0.00	21.11 0.71 0.00	20.06 0.68 0.00	20.96 0.64 0.00	20.92 0.67 0.00	22.09 0.83 0.00	26.49 0.99 0.00	28.97 1.15 0.00	29.32 1.15 0.00	27.83 1.15 0.00	32.18 1.15 -4.73	30.26 1.31 -0.02	30.68 1.31 0.00	30.19 1.30 -0.23	30.30 1.33 -0.08	31.08 1.36 0.00	43.04 1.79 0.00	35.84 1.33 0.00	32.31 1.18 0.00	32.11 1.19 0.00	29.99 1.08 0.00	25.93 0.93 0.00	23.26 0.89 0.00
SHOREHAM_IC_1 23715	25.20 1.21 0.00	24.66 1.13 0.00	21.33 0.94 0.00	20.22 0.84 0.00	20.99 0.67 0.00	20.96 0.71 0.00	22.18 0.92 0.00	26.70 1.20 0.00	29.32 1.51 0.00	29.69 1.52 0.00	28.40 1.71 0.00	33.74 1.62 -5.82	30.79 1.83 -0.03	31.21 1.84 0.00	30.87 1.92 -0.29	40.79 2.17 -9.74	31.86 2.14 0.00	43.78 2.53 0.00	36.41 1.90 0.00	32.92 1.79 0.00	32.72 1.80 0.00	30.66 1.74 0.00	26.41 1.41 0.00	23.62 1.25 0.00
SHOREHAM_IC_2 23716	25.20 1.21 0.00	24.66 1.13 0.00	21.33 0.94 0.00	20.22 0.84 0.00	20.99 0.67 0.00	20.96 0.71 0.00	22.18 0.92 0.00	26.70 1.20 0.00	29.32 1.51 0.00	29.69 1.52 0.00	28.40 1.71 0.00	33.74 1.62 -5.82	30.79 1.83 -0.03	31.21 1.84 0.00	30.87 1.92 -0.29	40.79 2.17 -9.74	31.86 2.14 0.00	43.78 2.53 0.00	36.41 1.90 0.00	32.92 1.79 0.00	32.72 1.80 0.00	30.66 1.74 0.00	26.41 1.41 0.00	23.62 1.25 0.00
SISSONVILLE___ 23735	23.80 -0.19 0.00	23.39 -0.13 0.00	20.25 -0.14 0.00	19.32 -0.07 0.00	20.29 -0.03 0.00	20.24 -0.02 0.00	21.06 -0.20 0.00	25.22 -0.28 0.00	27.40 -0.41 0.00	27.67 -0.49 0.00	26.14 -0.55 0.00	25.74 -0.56 0.00	28.30 -0.62 0.00	28.75 -0.62 0.00	28.04 -0.62 0.00	28.28 -0.60 0.00	28.96 -0.75 0.00	40.27 -0.98 0.00	33.81 -0.70 0.00	30.57 -0.56 0.00	30.40 -0.51 0.00	28.44 -0.47 0.00	24.67 -0.32 0.00	22.22 -0.15 0.00

SITHE_IND_GS1 24169	23.51 -0.48 0.00	23.00 -0.53 0.00	19.92 -0.48 0.00	18.91 -0.47 0.00	19.85 -0.47 0.00	19.80 -0.46 0.00	20.78 -0.48 0.00	24.78 -0.72 0.00	26.99 -0.82 0.00	27.38 -0.79 0.00	26.03 -0.66 0.00	25.64 -0.66 0.00	28.17 -0.75 0.00	28.61 -0.76 0.00	27.92 -0.74 0.00	28.15 -0.72 0.00	28.97 -0.74 0.00	40.26 -1.00 0.00	33.70 -0.81 0.00	30.36 -0.77 0.00	30.14 -0.78 0.00	28.16 -0.75 0.00	24.35 -0.64 0.00	21.82 -0.55 0.00
SITHE_IND_GS2 24170	23.51 -0.48 0.00	23.00 -0.53 0.00	19.92 -0.48 0.00	18.91 -0.47 0.00	19.85 -0.47 0.00	19.80 -0.46 0.00	20.78 -0.48 0.00	24.78 -0.72 0.00	26.99 -0.82 0.00	27.38 -0.79 0.00	26.03 -0.66 0.00	25.64 -0.66 0.00	28.17 -0.75 0.00	28.61 -0.76 0.00	27.92 -0.74 0.00	28.15 -0.72 0.00	28.97 -0.74 0.00	40.26 -1.00 0.00	33.70 -0.81 0.00	30.36 -0.77 0.00	30.14 -0.78 0.00	28.16 -0.75 0.00	24.35 -0.64 0.00	21.82 -0.55 0.00
SITHE_IND_GS3 24171	23.51 -0.48 0.00	23.00 -0.53 0.00	19.92 -0.48 0.00	18.91 -0.47 0.00	19.85 -0.47 0.00	19.80 -0.46 0.00	20.78 -0.48 0.00	24.78 -0.72 0.00	26.99 -0.82 0.00	27.38 -0.79 0.00	26.03 -0.66 0.00	25.64 -0.66 0.00	28.17 -0.75 0.00	28.61 -0.76 0.00	27.92 -0.74 0.00	28.15 -0.72 0.00	28.97 -0.74 0.00	40.26 -1.00 0.00	33.70 -0.81 0.00	30.36 -0.77 0.00	30.14 -0.78 0.00	28.16 -0.75 0.00	24.35 -0.64 0.00	21.82 -0.55 0.00
SITHE_IND_GS4 24172	23.51 -0.48 0.00	23.00 -0.53 0.00	19.92 -0.48 0.00	18.91 -0.47 0.00	19.85 -0.47 0.00	19.80 -0.46 0.00	20.78 -0.48 0.00	24.78 -0.72 0.00	26.99 -0.82 0.00	27.38 -0.79 0.00	26.03 -0.66 0.00	25.64 -0.66 0.00	28.17 -0.75 0.00	28.61 -0.76 0.00	27.92 -0.74 0.00	28.15 -0.72 0.00	28.97 -0.74 0.00	40.26 -1.00 0.00	33.70 -0.81 0.00	30.36 -0.77 0.00	30.14 -0.78 0.00	28.16 -0.75 0.00	24.35 -0.64 0.00	21.82 -0.55 0.00
SITHE___BATAVIA 24024	24.97 0.99 0.00	24.16 0.64 0.00	20.80 0.40 0.00	19.57 0.18 0.00	20.75 0.43 0.00	20.80 0.54 0.00	21.95 0.69 0.00	26.22 0.72 0.00	28.45 0.64 0.00	29.07 0.91 0.00	27.96 1.27 0.00	27.43 1.13 0.00	29.99 1.07 0.00	30.48 1.11 0.00	29.81 1.15 0.00	30.00 1.13 0.00	30.88 1.16 0.00	43.00 1.75 0.00	36.28 1.77 0.00	32.53 1.39 0.00	32.16 1.24 0.00	30.10 1.19 0.00	26.20 1.21 0.00	23.51 1.14 0.00
SITHE___INDEPEND 23800	23.52 -0.47 0.00	23.01 -0.52 0.00	19.92 -0.48 0.00	18.91 -0.47 0.00	19.85 -0.47 0.00	19.80 -0.46 0.00	20.78 -0.48 0.00	24.78 -0.72 0.00	26.99 -0.82 0.00	27.38 -0.79 0.00	26.03 -0.66 0.00	25.64 -0.66 0.00	28.17 -0.75 0.00	28.60 -0.76 0.00	27.93 -0.73 0.00	28.15 -0.72 0.00	28.97 -0.74 0.00	40.26 -1.00 0.00	33.70 -0.81 0.00	30.36 -0.77 0.00	30.14 -0.79 0.00	28.16 -0.75 0.00	24.35 -0.64 0.00	21.82 -0.55 0.00
SITHE___MASSENA 23902	23.79 -0.20 0.00	23.39 -0.13 0.00	20.26 -0.13 0.00	19.32 -0.06 0.00	20.29 -0.03 0.00	20.23 -0.02 0.00	21.13 -0.13 0.00	25.45 -0.05 0.00	27.69 -0.12 0.00	28.02 -0.14 0.00	26.48 -0.20 0.00	26.08 -0.22 0.00	28.67 -0.25 0.00	29.12 -0.25 0.00	28.38 -0.28 0.00	28.62 -0.26 0.00	29.40 -0.32 0.00	40.91 -0.34 0.00	34.30 -0.21 0.00	30.94 -0.19 0.00	30.73 -0.19 0.00	28.75 -0.16 0.00	24.89 -0.10 0.00	22.27 -0.10 0.00
SITHE___OGDNSBRG 24021	24.05 0.06 0.00	23.65 0.12 0.00	20.46 0.07 0.00	19.52 0.14 0.00	20.52 0.20 0.00	20.48 0.22 0.00	21.39 0.13 0.00	25.67 0.16 0.00	27.87 0.06 0.00	28.18 0.01 0.00	26.63 -0.06 0.00	26.23 -0.07 0.00	28.86 -0.06 0.00	29.32 -0.04 0.00	28.59 -0.08 0.00	28.85 -0.03 0.00	29.56 -0.15 0.00	41.16 -0.09 0.00	34.57 0.05 0.00	31.29 0.16 0.00	31.12 0.20 0.00	29.12 0.20 0.00	25.20 0.21 0.00	22.56 0.19 0.00
SITHE___STERLING 23777	24.60 0.60 0.00	24.05 0.53 0.00	20.81 0.42 0.00	19.76 0.38 0.00	20.74 0.42 0.00	20.70 0.44 0.00	21.79 0.53 0.00	26.04 0.54 0.00	28.32 0.51 0.00	28.65 0.48 0.00	27.22 0.54 0.00	26.83 0.53 0.00	29.64 0.71 0.00	30.12 0.75 0.00	29.34 0.68 0.00	29.62 0.75 0.00	30.56 0.85 0.00	42.55 1.30 0.00	35.65 1.14 0.00	32.21 1.08 0.00	31.99 1.07 0.00	29.86 0.94 0.00	25.74 0.75 0.00	22.98 0.61 0.00
SLEIGHT__34_KV_TB1 80719	24.61 0.62 0.00	24.02 0.49 0.00	20.73 0.33 0.00	19.64 0.25 0.00	20.64 0.32 0.00	20.64 0.38 0.00	21.82 0.56 0.00	26.16 0.66 0.00	28.45 0.64 0.00	28.98 0.81 0.00	27.68 0.99 0.00	27.24 0.94 0.00	29.99 1.06 0.00	30.50 1.13 0.00	29.70 1.04 0.00	30.05 1.17 0.00	30.86 1.15 0.00	42.91 1.66 0.00	36.04 1.53 0.00	32.33 1.19 0.00	31.99 1.08 0.00	29.90 0.99 0.00	25.77 0.77 0.00	23.04 0.67 0.00
SOUTH CAIRO___GT 23612	25.26 1.28 0.00	24.75 1.23 0.00	21.48 1.08 0.00	20.42 1.03 0.00	21.35 1.04 0.00	21.27 1.01 0.00	22.44 1.18 0.00	26.86 1.36 0.00	29.43 1.62 0.00	29.65 1.49 0.00	27.89 1.20 0.00	25.00 1.04 2.34	29.97 1.06 0.01	30.44 1.08 0.00	29.62 1.08 0.11	29.88 1.04 0.04	30.89 1.17 0.00	42.85 1.60 0.00	36.13 1.63 0.00	32.89 1.76 0.00	32.86 1.95 0.00	30.73 1.82 0.00	26.38 1.39 0.00	23.56 1.19 0.00
SOUTH HAMPTN___IC 23720	25.66 1.67 0.00	25.09 1.57 0.00	21.71 1.32 0.00	20.58 1.20 0.00	21.38 1.06 0.00	21.36 1.11 0.00	22.62 1.36 0.00	27.24 1.74 0.00	29.92 2.11 0.00	30.34 2.17 0.00	29.05 2.36 -5.82	34.38 2.26 -0.03	31.45 2.49 0.00	31.85 2.48 0.00	31.56 2.62 -0.29	41.48 2.86 -9.74	32.59 2.88 0.00	44.82 3.57 0.00	37.25 2.74 0.00	33.64 2.51 0.00	33.40 2.48 0.00	31.26 2.35 0.00	26.91 1.92 0.00	24.07 1.69 0.00
SOUTHDOW__115KV_TB1 355954	25.09 1.10 0.00	24.32 0.80 0.00	20.94 0.55 0.00	19.72 0.33 0.00	20.92 0.61 0.00	20.94 0.68 0.00	22.29 1.04 0.00	26.88 1.38 0.00	29.49 1.68 0.00	30.31 2.15 0.00	29.26 2.57 0.00	28.63 2.33 0.00	31.29 2.36 0.00	31.68 2.31 0.00	30.85 2.19 0.00	30.97 2.09 0.00	31.94 2.23 0.00	44.22 2.96 0.00	37.06 2.54 0.00	33.10 1.96 0.00	32.65 1.73 0.00	30.48 1.57 0.00	26.63 1.64 0.00	23.81 1.43 0.00
SOUTHOLD_69_KV_BK 2 55809	26.09 2.10 0.00	25.49 1.96 0.00	22.07 1.67 0.00	20.91 1.53 0.00	21.75 1.43 0.00	21.73 1.47 0.00	23.02 1.77 0.00	27.74 2.23 0.00	30.47 2.66 0.00	30.92 2.75 0.00	29.63 2.94 -5.82	34.94 2.82 -0.03	32.05 3.09 0.00	32.43 3.06 0.00	32.17 3.22 -0.29	42.08 3.47 -9.74	33.24 3.53 0.00	45.85 4.60 0.00	38.11 3.60 0.00	34.38 3.25 0.00	34.12 3.20 0.00	31.90 2.99 0.00	27.42 2.43 0.00	24.52 2.15 0.00
SOUTHOLD___IC 23719	26.13 2.14 0.00	25.52 1.99 0.00	22.07 1.68 0.00	20.91 1.53 0.00	21.74 1.42 0.00	21.72 1.47 0.00	23.02 1.76 0.00	27.74 2.23 0.00	30.47 2.66 0.00	30.92 2.75 0.00	29.63 2.94 -5.82	34.94 2.82 -0.03	32.05 3.09 0.00	32.43 3.06 0.00	32.16 3.22 -0.29	42.08 3.47 -9.74	33.24 3.53 0.00	45.85 4.60 0.00	38.11 3.60 0.00	34.38 3.25 0.00	34.11 3.19 0.00	31.90 2.99 0.00	27.42 2.43 0.00	24.52 2.15 0.00

SPIERFLS_115KV_TB 1 80737	25.25 1.26 0.00	24.77 1.24 0.00	21.47 1.08 0.00	20.42 1.03 0.00	21.35 1.03 0.00	21.29 1.03 0.00	22.39 1.13 0.00	26.88 1.37 0.00	29.35 1.54 0.00	29.50 1.33 0.00	27.60 0.91 0.00	21.16 0.93 6.07	29.96 1.07 0.03	30.59 1.22 0.00	29.44 1.07 0.30	29.57 0.80 0.10	30.70 0.99 0.00	42.75 1.50 0.00	36.07 1.56 0.00	32.73 1.60 0.00	32.88 1.96 0.00	30.75 1.84 0.00	26.39 1.40 0.00	23.67 1.30 0.00
ST LAWRENCE____ 23600	23.52 -0.48 0.00	23.14 -0.39 0.00	20.05 -0.34 0.00	19.11 -0.28 0.00	20.06 -0.25 0.00	20.01 -0.25 0.00	20.90 -0.36 0.00	25.20 -0.31 0.00	27.43 -0.38 0.00	27.76 -0.40 0.00	26.22 -0.46 0.00	25.84 -0.46 0.00	28.38 -0.55 0.00	28.81 -0.55 0.00	28.12 -0.55 0.00	28.34 -0.54 0.00	29.13 -0.59 0.00	40.54 -0.71 0.00	33.98 -0.53 0.00	30.64 -0.49 0.00	30.42 -0.50 0.00	28.47 -0.44 0.00	24.64 -0.35 0.00	22.02 -0.35 0.00
STATE_CA_115KV_115_LB 55624	24.54 0.55 0.00	24.06 0.53 0.00	20.88 0.49 0.00	19.86 0.47 0.00	20.75 0.43 0.00	20.65 0.40 0.00	21.77 0.51 0.00	26.05 0.55 0.00	28.51 0.70 0.00	28.78 0.62 0.00	27.22 0.53 0.00	21.38 0.56 5.48	29.60 0.70 0.03	30.14 0.77 0.00	29.04 0.65 0.27	29.39 0.60 0.09	30.36 0.65 0.00	42.04 0.79 0.00	35.18 0.67 0.00	31.84 0.71 0.00	31.68 0.76 0.00	29.63 0.72 0.00	25.49 0.50 0.00	22.87 0.50 0.00
STATE_ST_34_KV_LOAD 55959	24.49 0.50 0.00	23.98 0.46 0.00	20.84 0.45 0.00	19.76 0.38 0.00	20.74 0.42 0.00	20.72 0.46 0.00	21.85 0.59 0.00	26.16 0.66 0.00	28.39 0.58 0.00	28.83 0.67 0.00	27.48 0.80 0.00	27.08 0.78 0.00	29.57 0.64 0.00	30.00 0.64 0.00	29.46 0.80 0.00	29.74 0.86 0.00	30.62 0.91 0.00	42.54 1.29 0.00	35.71 1.20 0.00	32.07 0.94 0.00	31.78 0.86 0.00	29.75 0.84 0.00	25.69 0.70 0.00	22.97 0.59 0.00
STATION 5_MISC_HYD 23604	24.48 0.49 0.00	23.77 0.25 0.00	20.51 0.11 0.00	19.34 -0.04 0.00	20.44 0.12 0.00	20.46 0.20 0.00	21.54 0.28 0.00	25.77 0.26 0.00	28.04 0.23 0.00	28.62 0.45 0.00	27.43 0.74 0.00	26.97 0.67 0.00	29.49 0.57 0.00	29.92 0.55 0.00	29.28 0.62 0.00	29.50 0.63 0.00	30.40 0.69 0.00	42.30 1.05 0.00	35.56 1.05 0.00	31.89 0.75 0.00	31.54 0.62 0.00	29.49 0.58 0.00	25.61 0.62 0.00	22.94 0.57 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	24.45 0.46 0.00	23.79 0.26 0.00	20.52 0.13 0.00	19.39 0.01 0.00	20.44 0.13 0.00	20.46 0.20 0.00	21.59 0.33 0.00	25.86 0.36 0.00	28.17 0.36 0.00	28.71 0.55 0.00	27.46 0.77 0.00	27.00 0.70 0.00	29.63 0.71 0.00	30.07 0.70 0.00	29.36 0.70 0.00	29.66 0.78 0.00	30.53 0.82 0.00	42.48 1.23 0.00	35.70 1.19 0.00	32.03 0.90 0.00	31.68 0.76 0.00	29.59 0.68 0.00	25.63 0.64 0.00	22.91 0.54 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	24.30 0.31 0.00	23.61 0.08 0.00	20.35 -0.04 0.00	19.21 -0.17 0.00	20.28 -0.04 0.00	20.30 0.04 0.00	21.38 0.12 0.00	25.59 0.09 0.00	27.86 0.05 0.00	28.42 0.26 0.00	27.24 0.55 0.00	26.79 0.49 0.00	29.33 0.40 0.00	29.76 0.40 0.00	29.12 0.46 0.00	29.35 0.47 0.00	30.24 0.53 0.00	42.09 0.84 0.00	35.36 0.85 0.00	31.70 0.56 0.00	31.34 0.42 0.00	29.29 0.38 0.00	25.42 0.42 0.00	22.76 0.38 0.00
STA_56____34_KV_BUS2 355983	24.30 0.31 0.00	23.61 0.08 0.00	20.35 -0.04 0.00	19.21 -0.17 0.00	20.28 -0.04 0.00	20.30 0.04 0.00	21.38 0.12 0.00	25.59 0.09 0.00	27.86 0.05 0.00	28.42 0.26 0.00	27.24 0.55 0.00	26.79 0.49 0.00	29.33 0.40 0.00	29.76 0.40 0.00	29.12 0.46 0.00	29.35 0.47 0.00	30.24 0.53 0.00	42.09 0.84 0.00	35.36 0.85 0.00	31.70 0.56 0.00	31.34 0.42 0.00	29.29 0.38 0.00	25.42 0.42 0.00	22.76 0.38 0.00
STA_67____115KV_BK2 355882	24.44 0.45 0.00	23.73 0.21 0.00	20.46 0.07 0.00	19.31 -0.08 0.00	20.39 0.07 0.00	20.41 0.15 0.00	21.49 0.23 0.00	25.71 0.20 0.00	27.96 0.16 0.00	28.55 0.38 0.00	27.36 0.67 0.00	26.89 0.59 0.00	29.41 0.48 0.00	29.83 0.47 0.00	29.20 0.54 0.00	29.42 0.54 0.00	30.31 0.60 0.00	42.17 0.92 0.00	35.45 0.94 0.00	31.78 0.65 0.00	31.44 0.53 0.00	29.41 0.49 0.00	25.54 0.55 0.00	22.89 0.52 0.00
STA_7____115KV_9TRANS 80674	24.61 0.62 0.00	23.89 0.37 0.00	20.60 0.20 0.00	19.42 0.04 0.00	20.53 0.21 0.00	20.55 0.29 0.00	21.64 0.38 0.00	25.89 0.39 0.00	28.17 0.37 0.00	28.78 0.62 0.00	27.59 0.90 0.00	27.13 0.83 0.00	29.66 0.73 0.00	30.09 0.73 0.00	29.46 0.80 0.00	29.70 0.82 0.00	30.61 0.90 0.00	42.62 1.37 0.00	35.82 1.31 0.00	32.12 0.98 0.00	31.75 0.83 0.00	29.68 0.78 0.00	25.77 0.78 0.00	23.07 0.70 0.00
STA_82____115KV_TB1 80780	24.45 0.46 0.00	23.75 0.22 0.00	20.47 0.08 0.00	19.31 -0.07 0.00	20.41 0.09 0.00	20.42 0.17 0.00	21.51 0.25 0.00	25.72 0.22 0.00	27.98 0.17 0.00	28.56 0.40 0.00	27.38 0.69 0.00	26.91 0.61 0.00	29.42 0.50 0.00	29.85 0.49 0.00	29.21 0.55 0.00	29.44 0.56 0.00	30.33 0.62 0.00	42.20 0.95 0.00	35.48 0.97 0.00	31.81 0.68 0.00	31.47 0.55 0.00	29.43 0.52 0.00	25.57 0.57 0.00	22.91 0.54 0.00
STEEL____WIND 323596	24.60 0.61 0.00	23.84 0.31 0.00	20.54 0.14 0.00	19.33 -0.06 0.00	20.47 0.15 0.00	20.51 0.25 0.00	21.66 0.40 0.00	25.92 0.41 0.00	28.16 0.35 0.00	28.87 0.70 0.00	27.83 1.14 0.00	27.29 0.99 0.00	29.75 0.82 0.00	30.16 0.79 0.00	29.50 0.84 0.00	29.68 0.80 0.00	30.60 0.89 0.00	42.51 1.26 0.00	35.77 1.26 0.00	31.95 0.81 0.00	31.55 0.63 0.00	29.54 0.63 0.00	25.83 0.84 0.00	23.19 0.81 0.00
STEPHTWN_115KV_BK_2 55603	24.66 0.67 0.00	24.13 0.61 0.00	20.89 0.50 0.00	19.87 0.48 0.00	20.74 0.42 0.00	20.69 0.43 0.00	21.88 0.62 0.00	26.23 0.72 0.00	28.65 0.84 0.00	28.87 0.70 0.00	27.31 0.62 0.00	21.64 0.67 5.33	29.76 0.86 0.03	30.27 0.91 0.00	29.18 0.78 0.26	29.55 0.76 0.09	30.56 0.84 0.00	42.29 1.04 0.00	35.35 0.84 0.00	31.98 0.85 0.00	31.81 0.88 0.00	29.72 0.81 0.00	25.58 0.58 0.00	22.93 0.56 0.00
STEBEN_REC_LFGE 323667	24.66 0.66 0.00	24.08 0.55 0.00	20.74 0.35 0.00	19.60 0.22 0.00	20.72 0.40 0.00	20.72 0.47 0.00	21.98 0.72 0.00	26.45 0.95 0.00	28.95 1.14 0.00	29.56 1.40 0.00	28.44 1.75 0.00	27.84 1.54 0.00	30.38 1.46 0.00	30.74 1.38 0.00	29.95 1.28 0.00	30.14 1.26 0.00	31.21 1.49 0.00	43.25 2.00 0.00	36.34 1.83 0.00	32.45 1.32 0.00	31.97 1.05 0.00	29.91 0.99 0.00	26.11 1.12 0.00	23.34 0.97 0.00
STONY____BROOK 24151	25.58 1.59 0.00	24.97 1.44 0.00	21.62 1.23 0.00	20.49 1.11 0.00	21.33 1.01 0.00	21.29 1.04 0.00	22.50 1.24 0.00	27.08 1.57 0.00	29.72 1.91 0.00	30.11 1.94 0.00	28.81 2.13 0.00	34.19 2.07 -5.82	31.21 2.26 -0.03	31.62 2.26 0.00	31.38 2.44 -0.29	41.23 2.62 -9.74	32.35 2.64 0.00	44.43 3.18 0.00	36.92 2.41 0.00	33.29 2.16 0.00	33.07 2.15 0.00	31.00 2.09 0.00	26.79 1.79 0.00	24.00 1.63 0.00

STURGEON_POOL_HYD 23609	25.08 1.09 0.00	24.48 0.96 0.00	21.23 0.84 0.00	20.18 0.79 0.00	21.05 0.73 0.00	21.02 0.76 0.00	22.21 0.95 0.00	26.67 1.17 0.00	29.17 1.36 0.00	29.55 1.39 0.00	28.11 1.42 0.00	30.20 1.47 -2.44	30.70 1.77 -0.01	31.12 1.75 0.00	30.45 1.67 -0.12	30.69 1.77 -0.04	31.44 1.72 0.00	43.47 2.21 0.00	36.06 1.55 0.00	32.48 1.35 0.00	32.28 1.36 0.00	30.15 1.24 0.00	26.08 1.08 0.00	23.40 1.03 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	24.96 0.97 0.00	24.38 0.86 0.00	21.13 0.74 0.00	20.08 0.70 0.00	20.97 0.66 0.00	20.95 0.69 0.00	22.11 0.85 0.00	26.55 1.05 0.00	29.03 1.22 0.00	29.39 1.23 0.00	27.93 1.24 0.00	32.57 1.27 -5.00	30.48 1.53 -0.03	30.90 1.53 0.00	30.38 1.47 -0.25	30.50 1.53 -0.09	31.23 1.52 0.00	43.20 1.95 0.00	35.92 1.41 0.00	32.38 1.25 0.00	32.16 1.24 0.00	30.03 1.12 0.00	25.97 0.97 0.00	23.30 0.93 0.00
SWANROAD_115KV_TB1 355699	24.10 0.11 0.00	23.31 -0.22 0.00	20.04 -0.35 0.00	18.83 -0.55 0.00	19.99 -0.33 0.00	20.03 -0.22 0.00	21.11 -0.15 0.00	25.09 -0.41 0.00	27.17 -0.64 0.00	27.83 -0.33 0.00	26.78 0.09 0.00	26.27 -0.03 0.00	28.63 -0.30 0.00	29.06 -0.31 0.00	28.47 -0.19 0.00	28.67 -0.21 0.00	29.51 -0.20 0.00	40.95 -0.30 0.00	34.56 0.05 0.00	30.88 -0.25 0.00	30.50 -0.42 0.00	28.61 -0.30 0.00	25.07 0.08 0.00	22.64 0.27 0.00
SYNERGY___BIOGAS 323694	24.97 0.99 0.00	24.16 0.64 0.00	20.80 0.40 0.00	19.57 0.18 0.00	20.75 0.43 0.00	20.80 0.54 0.00	21.95 0.69 0.00	26.22 0.72 0.00	28.45 0.64 0.00	29.07 0.91 0.00	27.96 1.27 0.00	27.43 1.13 0.00	29.99 1.07 0.00	30.48 1.11 0.00	29.81 1.15 0.00	30.00 1.13 0.00	30.88 1.16 0.00	43.00 1.75 0.00	36.28 1.77 0.00	32.53 1.39 0.00	32.16 1.24 0.00	30.10 1.19 0.00	26.20 1.21 0.00	23.51 1.14 0.00
SYRACUSE___ENERGY_ST1 323597	24.14 0.14 0.00	23.62 0.09 0.00	20.45 0.06 0.00	19.40 0.02 0.00	20.37 0.05 0.00	20.34 0.08 0.00	21.40 0.14 0.00	25.57 0.07 0.00	27.85 0.04 0.00	28.26 0.10 0.00	26.90 0.21 0.00	26.50 0.20 0.00	29.10 0.17 0.00	29.54 0.17 0.00	28.87 0.21 0.00	29.13 0.25 0.00	30.00 0.29 0.00	41.68 0.43 0.00	34.90 0.39 0.00	31.41 0.28 0.00	31.16 0.23 0.00	29.11 0.20 0.00	25.15 0.16 0.00	22.50 0.13 0.00
SYRACUSE___ENERGY_ST2 323598	24.14 0.14 0.00	23.62 0.09 0.00	20.45 0.06 0.00	19.40 0.02 0.00	20.37 0.05 0.00	20.34 0.08 0.00	21.40 0.14 0.00	25.57 0.07 0.00	27.85 0.04 0.00	28.26 0.10 0.00	26.90 0.21 0.00	26.50 0.20 0.00	29.10 0.17 0.00	29.54 0.17 0.00	28.87 0.21 0.00	29.13 0.25 0.00	30.00 0.29 0.00	41.68 0.43 0.00	34.90 0.39 0.00	31.41 0.28 0.00	31.16 0.23 0.00	29.11 0.20 0.00	25.15 0.16 0.00	22.50 0.13 0.00
SYRACUSE___POWER 24017	24.12 0.14 0.00	23.58 0.05 0.00	20.41 0.02 0.00	19.36 -0.02 0.00	20.33 0.01 0.00	20.30 0.04 0.00	21.35 0.09 0.00	25.52 0.02 0.00	27.81 0.00 0.00	28.22 0.06 0.00	26.87 0.18 0.00	26.45 0.15 0.00	29.07 0.15 0.00	29.50 0.13 0.00	28.81 0.16 0.00	29.07 0.19 0.00	29.92 0.21 0.00	41.58 0.33 0.00	34.80 0.29 0.00	31.34 0.20 0.00	31.09 0.17 0.00	29.04 0.13 0.00	25.11 0.11 0.00	22.47 0.09 0.00
TALLMAN__138KV_BK151 55660	25.05 1.06 0.00	24.46 0.94 0.00	21.20 0.81 0.00	20.15 0.76 0.00	21.03 0.71 0.00	21.02 0.76 0.00	22.22 0.96 0.00	26.70 1.20 0.00	29.20 1.40 0.00	29.58 1.41 0.00	28.12 1.44 0.00	33.09 1.49 -5.30	30.71 1.76 -0.03	31.11 1.74 0.00	30.63 1.71 -0.26	30.73 1.76 -0.09	31.46 1.75 0.00	43.49 2.23 0.00	36.10 1.60 0.00	32.52 1.38 0.00	32.29 1.38 0.00	30.14 1.23 0.00	26.09 1.10 0.00	23.41 1.04 0.00
TEALLAVE_115KV_TB7 355573	24.01 0.03 0.00	23.47 -0.06 0.00	20.31 -0.08 0.00	19.26 -0.12 0.00	20.23 -0.09 0.00	20.20 -0.06 0.00	21.24 -0.02 0.00	25.37 -0.13 0.00	27.64 -0.17 0.00	28.06 -0.11 0.00	26.71 0.02 0.00	26.30 0.00 0.00	28.91 -0.01 0.00	29.33 -0.03 0.00	28.64 -0.02 0.00	28.89 0.01 0.00	29.74 0.02 0.00	41.31 0.06 0.00	34.59 0.08 0.00	31.14 0.01 0.00	30.90 -0.02 0.00	28.87 -0.05 0.00	24.95 -0.04 0.00	22.35 -0.02 0.00
TELGRAPH_34_KV_EAST 80808	24.60 0.61 0.00	23.79 0.27 0.00	20.46 0.07 0.00	19.24 -0.14 0.00	20.41 0.09 0.00	20.46 0.20 0.00	21.57 0.31 0.00	25.72 0.22 0.00	27.89 0.08 0.00	28.55 0.38 0.00	27.47 0.78 0.00	26.95 0.65 0.00	29.43 0.51 0.00	29.90 0.53 0.00	29.24 0.58 0.00	29.47 0.59 0.00	30.33 0.62 0.00	42.13 0.88 0.00	35.54 1.03 0.00	31.78 0.65 0.00	31.40 0.48 0.00	29.42 0.51 0.00	25.69 0.70 0.00	23.12 0.75 0.00
TEMPLE___115KV_TB 2 55572	24.03 0.04 0.00	23.49 -0.04 0.00	20.32 -0.07 0.00	19.28 -0.10 0.00	20.25 -0.07 0.00	20.21 -0.05 0.00	21.25 -0.01 0.00	25.38 -0.12 0.00	27.67 -0.14 0.00	28.09 -0.07 0.00	26.74 0.05 0.00	26.33 0.03 0.00	28.95 0.03 0.00	29.37 0.00 0.00	28.67 0.01 0.00	28.92 0.04 0.00	29.77 0.05 0.00	41.35 0.10 0.00	34.62 0.11 0.00	31.17 0.04 0.00	30.92 0.00 0.00	28.89 -0.03 0.00	24.97 -0.02 0.00	22.36 -0.01 0.00
TIANA____69_KV_BK 1 55817	25.54 1.55 0.00	24.97 1.44 0.00	21.63 1.24 0.00	20.50 1.12 0.00	21.31 0.99 0.00	21.28 1.02 0.00	22.53 1.27 0.00	27.13 1.62 0.00	29.79 1.98 0.00	30.19 2.03 0.00	28.91 2.22 0.00	34.24 2.12 -5.82	31.29 2.33 -0.03	31.68 2.32 0.00	31.42 2.47 -0.29	41.31 2.70 -9.74	32.43 2.71 0.00	44.58 3.33 0.00	37.07 2.56 0.00	33.48 2.35 0.00	33.26 2.34 0.00	31.13 2.21 0.00	26.80 1.81 0.00	23.99 1.61 0.00
TILDEN___115KV_TB1 80814	24.12 0.14 0.00	23.58 0.05 0.00	20.41 0.02 0.00	19.36 -0.02 0.00	20.33 0.01 0.00	20.30 0.04 0.00	21.35 0.09 0.00	25.52 0.02 0.00	27.81 0.00 0.00	28.22 0.06 0.00	26.87 0.18 0.00	26.45 0.15 0.00	29.07 0.15 0.00	29.50 0.13 0.00	28.81 0.16 0.00	29.07 0.19 0.00	29.92 0.21 0.00	41.58 0.33 0.00	34.80 0.29 0.00	31.34 0.20 0.00	31.09 0.17 0.00	29.04 0.13 0.00	25.11 0.11 0.00	22.47 0.09 0.00
TRIGEN___CC 323695	25.40 1.41 0.00	24.79 1.26 0.00	21.49 1.09 0.00	20.39 1.01 0.00	21.27 0.95 0.00	21.25 0.99 0.00	22.48 1.22 0.00	27.03 1.53 0.00	29.61 1.80 0.00	29.99 1.83 0.00	28.66 1.97 0.00	34.08 1.96 -5.82	31.16 2.21 -0.03	31.57 2.20 0.00	31.16 2.21 -0.29	40.93 2.31 -9.74	31.99 2.28 0.00	44.02 2.77 0.00	36.55 2.04 0.00	32.97 1.84 0.00	32.78 1.86 0.00	30.69 1.78 0.00	26.50 1.51 0.00	23.75 1.38 0.00
TRINITY__115KV__ 4 BK 55933	24.44 0.45 0.00	23.96 0.44 0.00	20.81 0.42 0.00	19.79 0.40 0.00	20.67 0.35 0.00	20.57 0.31 0.00	21.67 0.41 0.00	25.93 0.42 0.00	28.37 0.56 0.00	28.64 0.47 0.00	27.07 0.38 0.00	21.35 0.41 5.36	29.42 0.52 0.03	29.95 0.59 0.00	28.86 0.46 0.26	29.20 0.41 0.09	30.17 0.45 0.00	41.76 0.51 0.00	34.95 0.44 0.00	31.65 0.52 0.00	31.50 0.58 0.00	29.47 0.56 0.00	25.36 0.36 0.00	22.76 0.39 0.00

UNION___PROCESSING_DRP 323587	24.46 0.47 0.00	23.76 0.23 0.00	20.48 0.09 0.00	19.32 -0.06 0.00	20.41 0.09 0.00	20.43 0.17 0.00	21.51 0.26 0.00	25.73 0.23 0.00	27.99 0.18 0.00	28.57 0.41 0.00	27.39 0.70 0.00	26.92 0.62 0.00	29.43 0.51 0.00	29.86 0.50 0.00	29.23 0.57 0.00	29.45 0.57 0.00	30.35 0.63 0.00	42.22 0.96 0.00	35.49 0.98 0.00	31.83 0.69 0.00	31.48 0.56 0.00	29.44 0.53 0.00	25.58 0.58 0.00	22.92 0.54 0.00
UPPER HUDSON___HYD 24058	25.26 1.27 0.00	24.78 1.25 0.00	21.47 1.08 0.00	20.42 1.03 0.00	21.35 1.03 0.00	21.29 1.03 0.00	22.39 1.13 0.00	26.87 1.37 0.00	29.35 1.54 0.00	29.50 1.33 0.00	27.60 0.91 0.00	21.16 0.93 6.07	29.96 1.07 0.03	30.59 1.22 0.00	29.44 1.07 0.30	29.56 0.79 0.10	30.70 0.98 0.00	42.75 1.50 0.00	36.07 1.56 0.00	32.73 1.60 0.00	32.88 1.97 0.00	30.75 1.84 0.00	26.39 1.39 0.00	23.67 1.30 0.00
UPPER RAQUET___HYD 24056	23.79 -0.19 0.00	23.39 -0.13 0.00	20.25 -0.14 0.00	19.32 -0.07 0.00	20.29 -0.02 0.00	20.24 -0.02 0.00	21.06 -0.20 0.00	25.22 -0.28 0.00	27.40 -0.41 0.00	27.67 -0.49 0.00	26.14 -0.55 0.00	25.74 -0.56 0.00	28.30 -0.62 0.00	28.75 -0.62 0.00	28.04 -0.62 0.00	28.28 -0.60 0.00	28.96 -0.75 0.00	40.27 -0.98 0.00	33.81 -0.70 0.00	30.57 -0.56 0.00	30.40 -0.51 0.00	28.44 -0.47 0.00	24.67 -0.32 0.00	22.22 -0.15 0.00
VALLEY44_115KV_TB2 355964	24.69 0.70 0.00	23.99 0.46 0.00	20.69 0.30 0.00	19.52 0.13 0.00	20.66 0.34 0.00	20.68 0.42 0.00	21.90 0.64 0.00	26.24 0.73 0.00	28.64 0.83 0.00	29.34 1.17 0.00	28.25 1.56 0.00	27.62 1.31 0.00	30.04 1.12 0.00	30.39 1.02 0.00	29.74 1.07 0.00	29.88 1.00 0.00	30.79 1.07 0.00	42.59 1.34 0.00	35.63 1.12 0.00	31.83 0.70 0.00	31.47 0.55 0.00	29.41 0.50 0.00	25.86 0.87 0.00	23.19 0.82 0.00
VALLEY___115KV_TB 1-4 80826	23.93 -0.06 0.00	23.40 -0.12 0.00	20.26 -0.14 0.00	19.27 -0.11 0.00	20.14 -0.18 0.00	20.03 -0.22 0.00	21.15 -0.11 0.00	25.36 -0.14 0.00	27.74 -0.07 0.00	28.02 -0.15 0.00	26.47 -0.22 0.00	26.11 -0.19 0.00	28.90 -0.02 0.00	29.41 0.04 0.00	28.51 -0.15 0.00	28.68 -0.20 0.00	29.50 -0.21 0.00	40.99 -0.26 0.00	34.29 -0.22 0.00	31.20 0.06 0.00	31.00 0.08 0.00	28.89 -0.02 0.00	24.89 -0.10 0.00	22.26 -0.11 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	24.83 0.84 0.00	24.29 0.76 0.00	21.14 0.74 0.00	20.06 0.68 0.00	21.03 0.71 0.00	20.98 0.72 0.00	22.13 0.87 0.00	26.52 1.02 0.00	28.95 1.14 0.00	29.34 1.17 0.00	27.89 1.20 0.00	27.46 1.16 0.00	30.07 1.15 0.00	30.48 1.11 0.00	29.91 1.25 0.00	30.11 1.23 0.00	31.02 1.31 0.00	42.98 1.73 0.00	35.91 1.40 0.00	32.39 1.26 0.00	32.14 1.22 0.00	30.04 1.13 0.00	25.99 1.00 0.00	23.27 0.90 0.00
VISCHER___FERRY HYD 24020	24.87 0.88 0.00	24.40 0.87 0.00	21.18 0.78 0.00	20.14 0.75 0.00	21.03 0.71 0.00	20.91 0.65 0.00	22.03 0.77 0.00	26.40 0.90 0.00	28.85 1.04 0.00	29.07 0.91 0.00	27.41 0.72 0.00	18.81 0.73 8.23	29.77 0.89 0.04	30.36 0.99 0.00	29.08 0.82 0.40	29.43 0.68 0.14	30.51 0.80 0.00	42.29 1.04 0.00	35.35 0.85 0.00	32.12 0.99 0.00	32.01 1.09 0.00	29.95 1.04 0.00	25.77 0.77 0.00	23.16 0.79 0.00
V_A_10_SYNC_DSASP 323832	24.25 0.26 0.00	23.50 -0.02 0.00	20.24 -0.16 0.00	19.05 -0.33 0.00	20.18 -0.14 0.00	20.21 -0.05 0.00	21.27 0.01 0.00	25.42 -0.09 0.00	27.58 -0.23 0.00	28.20 0.04 0.00	27.09 0.40 0.00	26.57 0.27 0.00	28.99 0.07 0.00	29.40 0.03 0.00	28.78 0.12 0.00	28.98 0.10 0.00	29.83 0.12 0.00	41.45 0.20 0.00	34.88 0.37 0.00	31.21 0.08 0.00	30.86 -0.06 0.00	28.90 -0.01 0.00	25.25 0.26 0.00	22.71 0.33 0.00
V_CMM_10_SYNC_DSASP 323787	23.61 -0.37 0.00	23.23 -0.30 0.00	20.13 -0.26 0.00	19.18 -0.20 0.00	20.14 -0.17 0.00	20.08 -0.17 0.00	20.99 -0.27 0.00	25.30 -0.20 0.00	27.54 -0.27 0.00	27.89 -0.28 0.00	26.35 -0.34 0.00	25.95 -0.35 0.00	28.52 -0.41 0.00	28.95 -0.42 0.00	28.24 -0.41 0.00	28.47 -0.41 0.00	29.26 -0.45 0.00	40.72 -0.53 0.00	34.14 -0.37 0.00	30.78 -0.35 0.00	30.56 -0.36 0.00	28.60 -0.32 0.00	24.75 -0.25 0.00	22.12 -0.26 0.00
V_CMP_10_SYNC_DSASP 323788	24.81 0.82 0.00	24.30 0.77 0.00	21.10 0.70 0.00	20.13 0.75 0.00	21.07 0.75 0.00	20.99 0.73 0.00	22.03 0.77 0.00	26.50 1.00 0.00	28.82 1.01 0.00	29.07 0.91 0.00	27.50 0.81 0.00	27.13 0.82 0.00	29.78 0.85 0.00	30.31 0.94 0.00	29.50 0.84 0.00	29.71 0.83 0.00	30.71 1.00 0.00	42.93 1.68 0.00	36.11 1.60 0.00	32.65 1.52 0.00	32.37 1.45 0.00	30.15 1.24 0.00	25.86 0.86 0.00	23.05 0.67 0.00
V_E_10_SYNC_DSASP 323830	25.69 1.70 0.00	25.09 1.56 0.00	21.66 1.27 0.00	20.54 1.16 0.00	21.60 1.29 0.00	21.65 1.39 0.00	22.92 1.66 0.00	27.53 2.03 0.00	29.93 2.12 0.00	30.43 2.26 0.00	28.89 2.20 0.00	28.20 1.90 0.00	31.04 2.11 0.00	31.54 2.18 0.00	30.79 2.13 0.00	31.42 2.54 0.00	32.27 2.55 0.00	44.77 3.52 0.00	37.68 3.18 0.00	34.05 2.92 0.00	33.78 2.86 0.00	31.50 2.59 0.00	27.18 2.18 0.00	24.15 1.77 0.00
V_F_30_NSYNC___DSASP 323816	25.27 1.28 0.00	24.77 1.24 0.00	21.47 1.08 0.00	20.42 1.03 0.00	21.35 1.03 0.00	21.27 1.01 0.00	22.40 1.14 0.00	26.85 1.35 0.00	29.35 1.54 0.00	29.57 1.40 0.00	27.84 1.15 0.00	21.03 1.14 6.41	30.20 1.31 0.03	30.80 1.43 0.00	29.65 1.30 0.31	29.94 1.18 0.11	31.04 1.33 0.00	43.11 1.86 0.00	36.15 1.64 0.00	32.79 1.66 0.00	32.74 1.82 0.00	30.60 1.69 0.00	26.32 1.33 0.00	23.61 1.24 0.00
V_F_30_SYNC_DSASP 323786	24.54 0.55 0.00	24.06 0.53 0.00	20.88 0.49 0.00	19.86 0.47 0.00	20.75 0.43 0.00	20.65 0.40 0.00	21.77 0.50 0.00	26.05 0.55 0.00	28.51 0.70 0.00	28.78 0.62 0.00	27.21 0.53 0.00	21.39 0.56 5.47	29.59 0.69 0.03	30.13 0.76 0.00	29.04 0.64 0.27	29.39 0.60 0.09	30.36 0.64 0.00	42.04 0.79 0.00	35.18 0.67 0.00	31.84 0.71 0.00	31.68 0.76 0.00	29.62 0.71 0.00	25.49 0.50 0.00	22.87 0.50 0.00
V_XM_10_SYNC_DSASP 323789	24.81 0.82 0.00	24.30 0.77 0.00	21.10 0.70 0.00	20.13 0.75 0.00	21.07 0.75 0.00	20.99 0.73 0.00	22.03 0.77 0.00	26.50 1.00 0.00	28.82 1.01 0.00	29.07 0.91 0.00	27.50 0.81 0.00	27.13 0.82 0.00	29.78 0.85 0.00	30.31 0.94 0.00	29.50 0.84 0.00	29.71 0.83 0.00	30.71 1.00 0.00	42.93 1.68 0.00	36.11 1.60 0.00	32.65 1.52 0.00	32.37 1.45 0.00	30.15 1.24 0.00	25.86 0.86 0.00	23.05 0.67 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	25.15 1.16 0.00	24.55 1.03 0.00	21.27 0.88 0.00	20.22 0.84 0.00	21.11 0.79 0.00	21.09 0.84 0.00	22.31 1.05 0.00	26.80 1.30 0.00	29.32 1.51 0.00	29.70 1.53 0.00	28.25 1.56 0.00	33.28 1.60 -5.37	30.84 1.88 -0.03	31.24 1.87 0.00	30.75 1.82 -0.26	30.86 1.89 -0.09	31.59 1.88 0.00	43.66 2.41 0.00	36.26 1.75 0.00	32.66 1.52 0.00	32.43 1.51 0.00	30.27 1.36 0.00	26.19 1.20 0.00	23.50 1.13 0.00

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	25.33 1.34 0.00	24.70 1.18 0.00	21.42 1.03 0.00	20.37 0.99 0.00	21.25 0.93 0.00	21.24 0.99 0.00	22.47 1.21 0.00	27.01 1.51 0.00	29.57 1.76 0.00	29.96 1.80 0.00	28.47 1.79 0.00	33.95 1.83 -5.82	31.09 2.13 -0.03	31.48 2.12 0.00	30.98 2.03 -0.28	31.08 2.10 -0.10	31.78 2.07 0.00	43.84 2.59 0.00	36.33 1.82 0.00	32.71 1.58 0.00	32.55 1.62 0.00	30.40 1.49 0.00	26.33 1.34 0.00	23.61 1.24 0.00
W50THST__13_KV_LOAD 356117	25.43 1.44 0.00	24.80 1.27 0.00	21.50 1.11 0.00	20.45 1.06 0.00	21.33 1.02 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.17 1.67 0.00	29.76 1.95 0.00	30.17 2.01 0.00	28.68 1.99 0.00	34.16 2.04 -5.82	31.33 2.37 -0.03	31.73 2.36 0.00	31.22 2.27 -0.28	31.32 2.34 -0.10	32.01 2.30 0.00	44.16 2.90 0.00	36.56 2.06 0.00	32.89 1.76 0.00	32.72 1.80 0.00	30.55 1.64 0.00	26.45 1.46 0.00	23.71 1.34 0.00
WADING RIVER_IC_1 23522	25.19 1.20 0.00	24.65 1.12 0.00	21.33 0.94 0.00	20.22 0.83 0.00	20.98 0.66 0.00	20.96 0.70 0.00	22.17 0.91 0.00	26.70 1.19 0.00	29.32 1.51 0.00	29.68 1.52 0.00	28.40 1.71 0.00	33.74 1.62 -5.82	30.79 1.83 -0.03	31.19 1.82 0.00	30.88 1.93 -0.29	40.78 2.17 -9.74	31.86 2.14 0.00	43.78 2.53 0.00	36.40 1.89 0.00	32.92 1.79 0.00	32.72 1.80 0.00	30.65 1.74 0.00	26.39 1.40 0.00	23.61 1.23 0.00
WADING RIVER_IC_2 23547	25.19 1.20 0.00	24.65 1.12 0.00	21.33 0.94 0.00	20.22 0.83 0.00	20.98 0.66 0.00	20.96 0.70 0.00	22.17 0.91 0.00	26.70 1.19 0.00	29.32 1.51 0.00	29.68 1.52 0.00	28.40 1.71 0.00	33.74 1.62 -5.82	30.79 1.83 -0.03	31.19 1.82 0.00	30.88 1.93 -0.29	40.78 2.17 -9.74	31.86 2.14 0.00	43.78 2.53 0.00	36.40 1.89 0.00	32.92 1.79 0.00	32.72 1.80 0.00	30.65 1.74 0.00	26.39 1.40 0.00	23.61 1.23 0.00
WADING RIVER_IC_3 23601	25.19 1.20 0.00	24.65 1.12 0.00	21.33 0.94 0.00	20.22 0.83 0.00	20.98 0.66 0.00	20.96 0.70 0.00	22.17 0.91 0.00	26.70 1.19 0.00	29.32 1.51 0.00	29.68 1.52 0.00	28.40 1.71 0.00	33.74 1.62 -5.82	30.79 1.83 -0.03	31.19 1.82 0.00	30.88 1.93 -0.29	40.78 2.17 -9.74	31.86 2.14 0.00	43.78 2.53 0.00	36.40 1.89 0.00	32.92 1.79 0.00	32.72 1.80 0.00	30.65 1.74 0.00	26.39 1.40 0.00	23.61 1.23 0.00
WALDENNY_12_KV_BK2 80841	24.65 0.67 0.00	23.88 0.35 0.00	20.54 0.15 0.00	19.33 -0.06 0.00	20.49 0.17 0.00	20.53 0.27 0.00	21.66 0.40 0.00	25.91 0.40 0.00	28.15 0.34 0.00	28.87 0.70 0.00	27.83 1.15 0.00	27.31 1.01 0.00	29.80 0.88 0.00	30.23 0.87 0.00	29.57 0.91 0.00	29.78 0.90 0.00	30.68 0.97 0.00	42.60 1.35 0.00	35.85 1.34 0.00	32.00 0.87 0.00	31.60 0.68 0.00	29.58 0.67 0.00	25.86 0.87 0.00	23.22 0.84 0.00
WALDEN__HYDRO 24148	25.20 1.21 0.00	24.61 1.08 0.00	21.33 0.94 0.00	20.27 0.88 0.00	21.16 0.84 0.00	21.13 0.87 0.00	22.33 1.07 0.00	26.81 1.31 0.00	29.34 1.52 0.00	29.70 1.53 0.00	28.20 1.51 0.00	32.24 1.50 -4.44	30.65 1.71 -0.02	31.07 1.70 0.00	30.55 1.67 -0.22	30.67 1.71 -0.08	31.44 1.72 0.00	43.66 2.41 0.00	36.34 1.82 0.00	32.73 1.60 0.00	32.59 1.67 0.00	30.44 1.53 0.00	26.29 1.29 0.00	23.55 1.18 0.00
WARRENSBURG____ 23737	25.26 1.27 0.00	24.78 1.25 0.00	21.47 1.08 0.00	20.42 1.03 0.00	21.35 1.03 0.00	21.29 1.03 0.00	22.39 1.13 0.00	26.87 1.37 0.00	29.35 1.54 0.00	29.50 1.33 0.00	27.60 0.91 0.00	21.16 0.93 6.07	29.96 1.07 0.03	30.59 1.22 0.00	29.44 1.07 0.30	29.56 0.79 0.10	30.70 0.98 0.00	42.75 1.50 0.00	36.07 1.56 0.00	32.73 1.60 0.00	32.88 1.97 0.00	30.75 1.84 0.00	26.39 1.39 0.00	23.67 1.30 0.00
WATERSIDE____6 8 9 23538	25.33 1.34 0.00	24.73 1.20 0.00	21.45 1.06 0.00	20.39 1.01 0.00	21.27 0.95 0.00	21.27 1.01 0.00	22.51 1.25 0.00	27.04 1.54 0.00	29.59 1.78 0.00	29.98 1.82 0.00	28.50 1.81 0.00	33.96 1.85 -5.82	31.09 2.14 -0.03	31.49 2.12 0.00	31.00 2.05 -0.28	31.10 2.12 -0.10	31.77 2.06 0.00	43.85 2.60 0.00	36.34 1.83 0.00	32.76 1.63 0.00	32.58 1.66 0.00	30.43 1.52 0.00	26.36 1.36 0.00	23.62 1.25 0.00
WATKINRD_115KV_LN8_ILLION 55919	24.00 0.01 0.00	23.49 -0.04 0.00	20.35 -0.04 0.00	19.35 -0.03 0.00	20.24 -0.08 0.00	20.15 -0.11 0.00	21.23 -0.02 0.00	25.45 -0.05 0.00	27.79 -0.02 0.00	28.07 -0.09 0.00	26.54 -0.15 0.00	26.17 -0.13 0.00	28.89 -0.04 0.00	29.37 0.00 0.00	28.57 -0.10 0.00	28.75 -0.13 0.00	29.59 -0.13 0.00	41.09 -0.16 0.00	34.39 -0.12 0.00	31.20 0.07 0.00	31.00 0.09 0.00	28.97 0.06 0.00	24.97 -0.03 0.00	22.35 -0.02 0.00
WATSON____69_KV_BK 1 55734	25.80 1.81 0.00	25.18 1.65 0.00	21.80 1.41 0.00	20.67 1.28 0.00	21.52 1.21 0.00	21.50 1.24 0.00	22.76 1.50 0.00	27.42 1.91 0.00	30.09 2.28 0.00	30.48 2.31 0.00	29.15 2.46 0.00	34.55 2.43 -5.82	31.66 2.70 -0.03	32.09 2.72 0.00	31.72 2.77 -0.29	41.59 2.97 -9.74	32.65 2.94 0.00	44.85 3.60 0.00	37.27 2.77 0.00	33.61 2.48 0.00	33.42 2.50 0.00	31.35 2.45 0.00	27.07 2.08 0.00	24.21 1.84 0.00
WDELAWARE__HYD 323627	24.60 0.61 0.00	24.02 0.50 0.00	20.86 0.47 0.00	19.81 0.42 0.00	20.69 0.38 0.00	20.68 0.42 0.00	21.84 0.58 0.00	26.23 0.73 0.00	28.67 0.87 0.00	29.03 0.87 0.00	27.56 0.87 0.00	30.31 0.87 -3.14	29.81 0.87 -0.02	30.21 0.84 0.00	29.77 0.95 -0.15	29.93 0.99 -0.05	30.88 1.16 0.00	42.81 1.56 0.00	35.60 1.09 0.00	32.07 0.94 0.00	31.86 0.94 0.00	29.77 0.86 0.00	25.72 0.72 0.00	23.04 0.66 0.00
WEST BABYLON__IC 23714	25.78 1.79 0.00	25.15 1.62 0.00	21.78 1.39 0.00	20.65 1.27 0.00	21.51 1.20 0.00	21.49 1.24 0.00	22.75 1.49 0.00	27.41 1.90 0.00	30.07 2.26 0.00	30.45 2.29 0.00	29.12 2.43 0.00	34.50 2.38 -5.82	31.62 2.66 -0.03	32.04 2.67 0.00	31.65 2.70 -0.29	41.51 2.90 -9.74	32.56 2.85 0.00	44.75 3.50 0.00	37.18 2.67 0.00	33.54 2.40 0.00	33.35 2.43 0.00	31.28 2.37 0.00	27.01 2.02 0.00	24.16 1.79 0.00
WEST CANADA__HYD 24049	24.05 0.06 0.00	23.56 0.03 0.00	20.43 0.04 0.00	19.40 0.02 0.00	20.34 0.02 0.00	20.28 0.02 0.00	21.30 0.04 0.00	25.53 0.03 0.00	27.84 0.03 0.00	28.20 0.03 0.00	26.73 0.04 0.00	26.33 0.03 0.00	28.98 0.06 0.00	29.45 0.08 0.00	28.72 0.06 0.00	28.93 0.05 0.00	29.77 0.06 0.00	41.32 0.06 0.00	34.55 0.04 0.00	31.20 0.06 0.00	30.98 0.06 0.00	28.97 0.06 0.00	25.03 0.04 0.00	22.42 0.05 0.00
WESTERN_NY_WIND 24143	24.95 0.96 0.00	24.14 0.61 0.00	20.78 0.38 0.00	19.55 0.16 0.00	20.73 0.41 0.00	20.78 0.52 0.00	21.93 0.67 0.00	26.19 0.69 0.00	28.41 0.60 0.00	29.04 0.87 0.00	27.93 1.25 0.00	27.40 1.10 0.00	29.95 1.02 0.00	30.44 1.08 0.00	29.78 1.12 0.00	29.97 1.10 0.00	30.84 1.13 0.00	42.95 1.70 0.00	36.24 1.73 0.00	32.49 1.36 0.00	32.12 1.20 0.00	30.06 1.15 0.00	26.18 1.19 0.00	23.49 1.12 0.00



WESTOVER___LESR 323668	24.49 0.50 0.00	23.91 0.38 0.00	20.69 0.30 0.00	19.63 0.24 0.00	20.61 0.30 0.00	20.57 0.31 0.00	21.74 0.48 0.00	26.06 0.55 0.00	28.43 0.62 0.00	28.90 0.74 0.00	27.62 0.93 0.00	27.13 0.83 0.00	29.78 0.86 0.00	30.18 0.81 0.00	29.50 0.84 0.00	29.74 0.86 0.00	30.62 0.90 0.00	42.43 1.18 0.00	35.45 0.94 0.00	31.85 0.72 0.00	31.57 0.66 0.00	29.51 0.60 0.00	25.63 0.63 0.00	22.90 0.53 0.00
WETHRSFD_WT_PWR 323626	24.24 0.25 0.00	23.63 0.11 0.00	20.41 0.01 0.00	19.25 -0.13 0.00	20.37 0.05 0.00	20.41 0.15 0.00	21.60 0.34 0.00	25.88 0.38 0.00	28.19 0.38 0.00	28.84 0.67 0.00	27.78 1.10 0.00	27.24 0.94 0.00	29.68 0.76 0.00	30.03 0.66 0.00	29.35 0.69 0.00	29.52 0.63 0.00	30.47 0.75 0.00	42.19 0.94 0.00	35.46 0.95 0.00	31.67 0.54 0.00	31.30 0.39 0.00	29.28 0.37 0.00	25.57 0.58 0.00	22.92 0.55 0.00
WHAVSTOR_138KV_BK127 55557	25.04 1.05 0.00	24.46 0.93 0.00	21.20 0.80 0.00	20.15 0.76 0.00	21.03 0.71 0.00	21.02 0.76 0.00	22.21 0.95 0.00	26.68 1.18 0.00	29.19 1.38 0.00	29.56 1.39 0.00	28.10 1.41 0.00	33.15 1.46 -5.39	30.68 1.73 -0.03	31.07 1.70 0.00	30.58 1.66 -0.26	30.68 1.71 -0.09	31.42 1.70 0.00	43.41 2.16 0.00	36.05 1.55 0.00	32.48 1.35 0.00	32.26 1.34 0.00	30.12 1.21 0.00	26.06 1.07 0.00	23.40 1.03 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	25.04 1.05 0.00	24.46 0.93 0.00	21.20 0.80 0.00	20.15 0.76 0.00	21.03 0.71 0.00	21.02 0.76 0.00	22.21 0.95 0.00	26.68 1.18 0.00	29.19 1.38 0.00	29.56 1.39 0.00	28.10 1.41 0.00	33.15 1.46 -5.39	30.68 1.73 -0.03	31.07 1.70 0.00	30.58 1.66 -0.26	30.68 1.71 -0.09	31.42 1.70 0.00	43.41 2.16 0.00	36.05 1.55 0.00	32.48 1.35 0.00	32.26 1.34 0.00	30.12 1.21 0.00	26.06 1.07 0.00	23.40 1.03 0.00
WHITEHAL_115KV_TB1 80871	26.16 2.17 0.00	25.73 2.20 0.00	22.26 1.87 0.00	21.18 1.80 0.00	22.12 1.81 0.00	22.12 1.86 0.00	23.17 1.91 0.00	27.67 2.17 0.00	30.16 2.35 0.00	30.08 1.92 0.00	28.14 1.45 0.00	21.68 1.59 6.21	30.71 1.81 0.03	31.44 2.08 0.00	30.10 1.75 0.30	30.43 1.66 0.11	31.75 2.04 0.00	44.36 3.11 0.00	37.33 2.82 0.00	33.91 2.78 0.00	34.10 3.18 0.00	31.97 3.06 0.00	27.31 2.32 0.00	24.60 2.23 0.00
WHITEPLN_13_KV_LOAD 356215	25.40 1.40 0.00	24.78 1.25 0.00	21.45 1.06 0.00	20.39 1.01 0.00	21.28 0.96 0.00	21.26 1.01 0.00	22.48 1.22 0.00	27.02 1.52 0.00	29.57 1.76 0.00	29.95 1.79 0.00	28.47 1.78 0.00	33.92 1.82 -5.80	31.19 2.23 -0.03	31.63 2.27 0.00	31.01 2.07 -0.28	31.17 2.19 -0.10	31.81 2.09 0.00	43.93 2.68 0.00	36.47 1.95 0.00	32.85 1.72 0.00	32.65 1.73 0.00	30.49 1.58 0.00	26.38 1.38 0.00	23.65 1.28 0.00
WM_FLOYD_69_KV_BK2 356380	25.42 1.43 0.00	24.84 1.31 0.00	21.50 1.11 0.00	20.38 1.00 0.00	21.19 0.87 0.00	21.16 0.90 0.00	22.38 1.12 0.00	26.94 1.44 0.00	29.57 1.76 0.00	29.93 1.76 0.00	28.64 1.95 0.00	33.98 1.86 -5.82	31.03 2.08 -0.03	31.45 2.08 0.00	31.12 2.18 -0.29	41.02 2.41 -9.74	32.11 2.40 0.00	44.12 2.87 0.00	36.70 2.19 0.00	33.16 2.03 0.00	32.96 2.04 0.00	30.88 1.97 0.00	26.64 1.65 0.00	23.83 1.46 0.00
WOODARD__115KV_TB2 355635	23.95 -0.04 0.00	23.41 -0.11 0.00	20.25 -0.14 0.00	19.22 -0.16 0.00	20.18 -0.13 0.00	20.15 -0.11 0.00	21.17 -0.09 0.00	25.29 -0.21 0.00	27.56 -0.25 0.00	27.97 -0.20 0.00	26.61 -0.08 0.00	26.21 -0.09 0.00	28.83 -0.10 0.00	29.25 -0.11 0.00	28.56 -0.10 0.00	28.82 -0.06 0.00	29.67 -0.05 0.00	41.22 -0.03 0.00	34.50 -0.01 0.00	31.07 -0.06 0.00	30.83 -0.09 0.00	28.80 -0.11 0.00	24.90 -0.09 0.00	22.29 -0.09 0.00
YORK___WARBASSE 23770	25.41 1.42 0.00	24.81 1.28 0.00	21.53 1.13 0.00	20.45 1.07 0.00	21.33 1.02 0.00	21.34 1.08 0.00	22.58 1.32 0.00	27.13 1.63 0.00	29.68 1.87 0.00	30.08 1.91 0.00	28.59 1.91 0.00	34.06 1.94 -5.82	31.19 2.24 -0.03	31.56 2.19 0.00	31.06 2.12 -0.28	31.16 2.19 -0.10	31.84 2.13 0.00	43.95 2.69 0.00	36.43 1.92 0.00	32.85 1.72 0.00	32.67 1.75 0.00	30.53 1.62 0.00	26.46 1.47 0.00	23.71 1.34 0.00