

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

06/11/2023

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	21.99	19.37	17.06	16.03	14.95	16.35	15.21	18.10	18.76	17.31	18.61	18.93	20.69	25.68	28.56	28.54	43.30	33.68	31.60	26.03	22.98	26.23	34.39	33.56
24138	1.25	1.10	0.99	0.96	0.89	0.93	0.86	1.01	1.07	1.05	1.26	1.41	1.52	1.93	2.22	2.33	3.21	2.42	2.53	2.15	1.91	2.13	2.73	2.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	22.01	19.40	17.08	16.05	14.97	16.37	15.22	18.12	18.78	17.33	18.63	18.94	20.69	25.69	28.56	28.54	43.26	33.66	31.58	26.01	22.96	26.22	34.36	33.55
24260	1.28	1.13	1.01	0.98	0.90	0.95	0.88	1.03	1.09	1.07	1.27	1.42	1.53	1.94	2.22	2.33	3.17	2.40	2.51	2.12	1.89	2.11	2.70	2.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	22.01	19.40	17.08	16.05	14.97	16.37	15.22	18.12	18.78	17.33	18.63	18.94	20.69	25.69	28.56	28.54	43.26	33.66	31.58	26.01	22.96	26.22	34.36	33.55
24261	1.28	1.13	1.01	0.98	0.90	0.95	0.88	1.03	1.09	1.07	1.27	1.42	1.53	1.94	2.22	2.33	3.17	2.40	2.51	2.12	1.89	2.11	2.70	2.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	22.26	19.62	17.32	16.25	15.15	16.61	15.42	18.27	18.85	17.29	18.39	18.61	20.29	25.12	27.63	27.69	42.39	33.29	31.13	25.37	22.48	25.68	33.76	33.54
24011	1.52	1.35	1.26	1.18	1.09	1.19	1.07	1.18	1.15	1.04	1.04	1.10	1.13	1.37	1.29	1.48	2.30	2.04	2.06	1.49	1.41	1.58	2.09	2.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	22.44	19.78	17.47	16.37	15.25	16.72	15.50	18.37	18.97	17.41	18.52	18.74	20.43	25.31	27.85	27.95	42.69	33.58	31.36	25.49	22.61	25.80	33.94	33.74
23798	1.71	1.51	1.40	1.30	1.18	1.30	1.16	1.28	1.27	1.15	1.16	1.22	1.27	1.56	1.51	1.74	2.61	2.33	2.29	1.61	1.54	1.70	2.28	2.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	22.26	19.62	17.32	16.25	15.15	16.61	15.42	18.27	18.85	17.29	18.39	18.61	20.29	25.12	27.63	27.69	42.39	33.29	31.13	25.37	22.48	25.68	33.76	33.54
24028	1.52	1.35	1.26	1.18	1.09	1.19	1.07	1.18	1.15	1.04	1.04	1.10	1.13	1.37	1.29	1.48	2.30	2.04	2.06	1.49	1.41	1.58	2.09	2.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	21.70	19.21	17.01	16.05	15.01	16.47	15.29	17.99	18.45	16.84	17.97	18.14	19.79	24.70	27.31	27.44	41.80	32.46	30.52	24.99	22.07	25.33	33.35	32.84
23527	0.97	0.94	0.95	0.98	0.95	1.05	0.95	0.91	0.75	0.58	0.61	0.62	0.63	0.95	0.97	1.23	1.71	1.20	1.45	1.10	1.00	1.23	1.69	1.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	20.96	18.51	16.34	15.35	14.37	15.70	14.66	17.28	17.83	16.37	17.49	17.70	19.35	24.09	26.67	26.70	40.66	31.69	29.70	24.38	21.54	24.62	32.33	31.73
24190	0.22	0.25	0.27	0.29	0.30	0.29	0.31	0.20	0.14	0.11	0.14	0.18	0.19	0.34	0.33	0.49	0.58	0.43	0.63	0.49	0.47	0.52	0.67	0.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	20.56	18.16	15.92	14.91	13.92	15.22	14.17	16.91	17.56	16.16	17.23	17.32	18.97	23.53	26.10	25.96	39.86	31.11	28.72	23.58	20.79	23.81	31.30	30.86
355683	-0.17	-0.10	-0.15	-0.16	-0.15	-0.20	-0.18	-0.18	-0.14	-0.10	-0.12	-0.19	-0.20	-0.22	-0.23	-0.25	-0.22	-0.15	-0.35	-0.31	-0.28	-0.29	-0.36	-0.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	20.96	18.51	16.34	15.35	14.37	15.70	14.66	17.28	17.83	16.37	17.49	17.70	19.35	24.09	26.67	26.70	40.66	31.69	29.70	24.38	21.54	24.62	32.33	31.73
23571	0.22	0.25	0.27	0.29	0.30	0.29	0.31	0.20	0.14	0.11	0.14	0.18	0.19	0.34	0.33	0.49	0.58	0.43	0.63	0.49	0.47	0.52	0.67	0.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___2	20.96	18.51	16.34	15.35	14.37	15.70	14.66	17.28	17.83	16.37	17.49	17.70	19.35	24.09	26.67	26.70	40.66	31.69	29.70	24.38	21.54	24.62	32.33	31.73
23572	0.22	0.25	0.27	0.29	0.30	0.29	0.31	0.20	0.14	0.11	0.14	0.18	0.19	0.34	0.33	0.49	0.58	0.43	0.63	0.49	0.47	0.52	0.67	0.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___3	20.96	18.51	16.34	15.35	14.37	15.70	14.66	17.28	17.83	16.37	17.49	17.70	19.35	24.09	26.67	26.70	40.66	31.69	29.70	24.38	21.54	24.62	32.33	31.73
23573	0.22	0.25	0.27	0.29	0.30	0.29	0.31	0.20	0.14	0.11	0.14	0.18	0.19	0.34	0.33	0.49	0.58	0.43	0.63	0.49	0.47	0.52	0.67	0.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___4 23574	20.96 0.22 0.00	18.51 0.25 0.00	16.34 0.27 0.00	15.35 0.29 0.00	14.37 0.30 0.00	15.70 0.29 0.00	14.66 0.31 0.00	17.28 0.20 0.00	17.83 0.14 0.00	16.37 0.11 0.00	17.49 0.14 0.00	17.70 0.18 0.00	19.35 0.19 0.00	24.09 0.34 0.00	26.67 0.33 0.00	26.70 0.49 0.00	40.66 0.58 0.00	31.69 0.43 0.00	29.70 0.63 0.00	24.38 0.49 0.00	21.54 0.47 0.00	24.62 0.52 0.00	32.33 0.67 0.00	31.73 0.49 0.00
ALBANY___LFGE 323615	21.16 0.43 0.00	18.70 0.43 0.00	16.50 0.43 0.00	15.51 0.44 0.00	14.51 0.44 0.00	15.86 0.44 0.00	14.79 0.44 0.00	17.46 0.37 0.00	18.01 0.32 0.00	16.55 0.29 0.00	17.67 0.32 0.00	17.89 0.37 0.00	19.56 0.39 0.00	24.35 0.60 0.00	26.95 0.61 0.00	26.99 0.78 0.00	41.14 1.05 0.00	32.06 0.81 0.00	30.03 0.96 0.00	24.65 0.76 0.00	21.77 0.70 0.00	24.89 0.78 0.00	32.68 1.02 0.00	32.07 0.83 0.00
ALCOA_PA_115KV_PL-6C 55860	20.73 0.00 0.00	18.31 0.05 0.00	16.04 -0.02 0.00	15.02 -0.05 0.00	14.02 -0.05 0.00	15.33 -0.09 0.00	14.27 -0.08 0.00	17.05 -0.04 0.00	17.71 0.01 0.00	16.29 0.03 0.00	17.37 0.02 0.00	17.46 -0.05 0.00	19.12 -0.05 0.00	23.72 -0.03 0.00	26.32 -0.02 0.00	26.18 -0.03 0.00	40.22 0.14 0.00	31.38 0.12 0.00	28.96 -0.11 0.00	23.77 -0.12 0.00	20.96 -0.11 0.00	24.00 -0.10 0.00	31.55 -0.11 0.00	31.11 -0.14 0.00
ALCOA_RYNLDS___DRP 24188	20.73 0.00 0.00	18.31 0.05 0.00	16.04 -0.02 0.00	15.02 -0.05 0.00	14.02 -0.05 0.00	15.33 -0.09 0.00	14.27 -0.08 0.00	17.05 -0.04 0.00	17.71 0.01 0.00	16.29 0.03 0.00	17.37 0.02 0.00	17.46 -0.05 0.00	19.12 -0.05 0.00	23.72 -0.03 0.00	26.32 -0.02 0.00	26.18 -0.03 0.00	40.22 0.14 0.00	31.38 0.12 0.00	28.96 -0.11 0.00	23.77 -0.12 0.00	20.96 -0.11 0.00	24.00 -0.10 0.00	31.55 -0.11 0.00	31.11 -0.14 0.00
ALCOA___DSASP 323711	20.73 0.00 0.00	18.31 0.05 0.00	16.04 -0.02 0.00	15.02 -0.05 0.00	14.02 -0.05 0.00	15.33 -0.09 0.00	14.27 -0.08 0.00	17.05 -0.04 0.00	17.71 0.01 0.00	16.29 0.03 0.00	17.37 0.02 0.00	17.46 -0.05 0.00	19.12 -0.05 0.00	23.72 -0.03 0.00	26.32 -0.02 0.00	26.18 -0.03 0.00	40.22 0.14 0.00	31.38 0.12 0.00	28.96 -0.11 0.00	23.77 -0.12 0.00	20.96 -0.11 0.00	24.00 -0.10 0.00	31.55 -0.11 0.00	31.11 -0.13 0.00
ALLEGHENY___COGEN 23514	21.21 0.48 0.00	18.44 0.18 0.00	16.15 0.08 0.00	15.10 0.04 0.00	14.10 0.04 0.00	15.55 0.14 0.00	14.48 0.13 0.00	17.28 0.20 0.00	17.65 -0.05 0.00	16.28 0.02 0.00	17.37 0.01 0.00	17.62 0.10 0.00	19.41 0.24 0.00	23.98 0.23 0.00	26.69 0.35 0.00	26.34 0.13 0.00	40.05 -0.03 0.00	31.31 0.06 0.00	29.19 0.13 0.00	24.28 0.39 0.00	21.59 0.52 0.00	24.91 0.80 0.00	32.45 0.79 0.00	32.10 0.85 0.00
ALTAMONT_115KV_TB 2 55880	21.28 0.55 0.00	18.78 0.52 0.00	16.56 0.50 0.00	15.56 0.49 0.00	14.53 0.47 0.00	15.91 0.50 0.00	14.82 0.47 0.00	17.55 0.46 0.00	18.11 0.42 0.00	16.63 0.37 0.00	17.77 0.42 0.00	17.98 0.46 0.00	19.65 0.48 0.00	24.43 0.68 0.00	27.06 0.72 0.00	27.05 0.84 0.00	41.21 1.13 0.00	32.13 0.87 0.00	30.10 1.03 0.00	24.72 0.84 0.00	21.84 0.77 0.00	24.97 0.86 0.00	32.79 1.13 0.00	32.21 0.97 0.00
ALTONA_WT_PWR 323606	21.07 0.34 0.00	18.63 0.36 0.00	16.33 0.27 0.00	15.23 0.16 0.00	14.22 0.16 0.00	15.55 0.14 0.00	14.50 0.16 0.00	17.38 0.29 0.00	18.09 0.39 0.00	16.63 0.38 0.00	17.73 0.38 0.00	17.88 0.36 0.00	19.53 0.37 0.00	24.31 0.56 0.00	26.97 0.63 0.00	26.99 0.77 0.00	41.38 1.29 0.00	32.42 1.16 0.00	29.89 0.82 0.00	24.30 0.42 0.00	21.45 0.38 0.00	24.58 0.48 0.00	32.29 0.63 0.00	31.81 0.57 0.00
AMERICAN_REF_FUEL 24010	19.85 -0.88 0.00	17.30 -0.96 0.00	15.17 -0.89 0.00	14.21 -0.86 0.00	13.26 -0.80 0.00	14.63 -0.79 0.00	13.58 -0.76 0.00	16.31 -0.78 0.00	17.00 -0.69 0.00	15.65 -0.61 0.00	16.66 -0.70 0.00	16.86 -0.65 0.00	18.60 -0.56 0.00	22.85 -0.90 0.00	25.27 -1.07 0.00	24.76 -1.45 0.00	37.73 -2.35 0.00	29.50 -1.75 0.00	27.43 -1.64 0.00	22.73 -1.16 0.00	19.98 -1.09 0.00	23.03 -1.08 0.00	29.96 -1.70 0.00	30.01 -1.23 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	20.63 -0.11 0.00	17.85 -0.42 0.00	15.72 -0.34 0.00	14.64 -0.43 0.00	13.56 -0.51 0.00	14.99 -0.43 0.00	13.85 -0.50 0.00	16.65 -0.43 0.00	17.43 -0.27 0.00	16.21 -0.05 0.00	17.53 0.17 0.00	17.84 0.32 0.00	19.70 0.53 0.00	24.18 0.43 0.00	26.86 0.52 0.00	26.41 0.20 0.00	40.30 0.21 0.00	31.38 0.12 0.00	29.03 -0.04 0.00	23.98 0.10 0.00	21.06 -0.02 0.00	24.25 0.15 0.00	31.72 0.06 0.00	31.56 0.32 0.00
ARTHUR_KILL_GT_1 23520	21.97 1.24 0.00	19.37 1.10 0.00	17.06 1.00 0.00	16.02 0.96 0.00	14.94 0.87 0.00	16.34 0.92 0.00	15.19 0.84 0.00	18.08 0.99 0.00	18.73 1.03 0.00	17.27 1.01 0.00	18.56 1.20 0.00	18.85 1.34 0.00	20.58 1.41 0.00	25.55 1.80 0.00	28.30 1.96 0.00	28.42 2.21 0.00	42.75 2.67 0.00	33.31 2.06 0.00	31.31 2.24 0.00	25.90 2.02 0.00	22.88 1.80 0.00	26.08 1.97 0.00	34.12 2.46 0.00	33.32 2.09 0.00
ARTHUR_KILL_2 23512	21.90 1.18 0.00	19.32 1.05 0.00	17.02 0.95 0.00	15.98 0.92 0.00	14.90 0.83 0.00	16.29 0.88 0.00	15.15 0.80 0.00	18.03 0.95 0.00	18.68 0.99 0.00	17.22 0.96 0.00	18.51 1.15 0.00	18.80 1.28 0.00	20.52 1.36 0.00	25.48 1.73 0.00	28.21 1.87 0.00	28.33 2.12 0.00	42.63 2.55 0.00	33.21 1.96 0.00	31.22 2.15 0.00	25.83 1.94 0.00	22.81 1.74 0.00	25.99 1.89 0.00	34.02 2.36 0.00	33.22 1.98 0.00
ARTHUR_KILL_3 23513	21.80 1.07 0.00	19.21 0.94 0.00	16.91 0.84 0.00	15.88 0.81 0.00	14.81 0.75 0.00	16.20 0.78 0.00	15.06 0.72 0.00	17.93 0.85 0.00	18.59 0.89 0.00	17.13 0.88 0.00	18.41 1.06 0.00	18.72 1.21 0.00	20.47 1.30 0.00	25.41 1.66 0.00	28.27 1.94 0.00	28.26 2.05 0.00	42.77 2.69 0.00	33.29 2.04 0.00	31.21 2.14 0.00	25.72 1.84 0.00	22.72 1.65 0.00	25.94 1.84 0.00	34.01 2.35 0.00	33.21 1.97 0.00
ARTHUR_KILL_COGEN 323718	21.97 1.24 0.00	19.37 1.10 0.00	17.06 1.00 0.00	16.02 0.96 0.00	14.94 0.87 0.00	16.34 0.92 0.00	15.19 0.84 0.00	18.08 0.99 0.00	18.73 1.03 0.00	17.27 1.01 0.00	18.56 1.20 0.00	18.85 1.34 0.00	20.58 1.41 0.00	25.55 1.80 0.00	28.30 1.96 0.00	28.42 2.21 0.00	42.75 2.67 0.00	33.31 2.06 0.00	31.31 2.24 0.00	25.90 2.02 0.00	22.88 1.80 0.00	26.08 1.97 0.00	34.12 2.46 0.00	33.32 2.09 0.00
ASHOKAN____ 23654	21.45 0.72 0.00	18.90 0.63 0.00	16.65 0.59 0.00	15.63 0.56 0.00	14.60 0.53 0.00	15.98 0.56 0.00	14.88 0.54 0.00	17.64 0.55 0.00	18.21 0.51 0.00	16.69 0.43 0.00	17.85 0.50 0.00	18.12 0.60 0.00	19.80 0.64 0.00	24.61 0.86 0.00	27.30 0.96 0.00	27.32 1.10 0.00	41.55 1.46 0.00	32.58 1.32 0.00	30.62 1.55 0.00	25.21 1.32 0.00	22.31 1.23 0.00	25.49 1.39 0.00	33.41 1.75 0.00	32.63 1.39 0.00

ASTORIA_EAST_ENERGY_CC1 323581	21.79 1.06 0.00	19.20 0.94 0.00	16.94 0.87 0.00	15.91 0.84 0.00	14.83 0.77 0.00	16.22 0.80 0.00	15.05 0.71 0.00	17.90 0.82 0.00	18.58 0.89 0.00	17.15 0.90 0.00	18.44 1.09 0.00	18.72 1.21 0.01	20.45 1.29 0.00	25.33 1.59 0.00	28.15 1.81 0.00	28.15 1.94 0.00	42.68 2.60 0.01	33.21 1.96 0.00	31.22 2.15 0.00	25.68 1.79 0.00	22.65 1.58 0.00	25.91 1.80 0.00	33.95 2.29 0.00	33.11 1.87 0.00
ASTORIA_EAST_ENERGY_CC2 323582	21.79 1.06 0.00	19.20 0.94 0.00	16.94 0.87 0.00	15.91 0.84 0.00	14.83 0.77 0.00	16.21 0.80 0.00	15.05 0.71 0.00	17.90 0.82 0.00	18.58 0.89 0.00	17.15 0.90 0.00	18.44 1.09 0.00	18.71 1.20 0.01	20.45 1.29 0.00	25.33 1.59 0.00	28.15 1.81 0.00	28.15 1.94 0.00	42.68 2.60 0.01	33.21 1.96 0.00	31.22 2.15 0.00	25.68 1.79 0.00	22.65 1.58 0.00	25.91 1.80 0.00	33.95 2.29 0.00	33.11 1.87 0.00
ASTORIA_GT2_1 24094	21.80 1.07 0.00	19.21 0.95 0.00	16.95 0.88 0.00	15.91 0.85 0.00	14.84 0.77 0.00	16.22 0.80 0.00	15.06 0.71 0.00	17.91 0.83 0.00	18.59 0.89 0.00	17.16 0.90 0.00	18.46 1.10 0.00	18.73 1.21 0.00	20.46 1.30 0.00	25.35 1.60 0.00	28.16 1.82 0.00	28.17 1.96 0.00	42.71 2.62 0.00	33.22 1.97 0.00	31.23 2.16 0.00	25.69 1.80 0.00	22.66 1.59 0.00	25.92 1.81 0.00	33.96 2.30 0.00	33.13 1.89 0.00
ASTORIA_GT2_2 24095	21.80 1.07 0.00	19.21 0.95 0.00	16.95 0.88 0.00	15.91 0.85 0.00	14.84 0.77 0.00	16.22 0.80 0.00	15.06 0.71 0.00	17.91 0.83 0.00	18.59 0.89 0.00	17.16 0.90 0.00	18.46 1.10 0.00	18.73 1.21 0.00	20.46 1.30 0.00	25.35 1.60 0.00	28.16 1.82 0.00	28.17 1.96 0.00	42.71 2.62 0.00	33.22 1.97 0.00	31.23 2.16 0.00	25.69 1.80 0.00	22.66 1.59 0.00	25.92 1.81 0.00	33.96 2.30 0.00	33.13 1.89 0.00
ASTORIA_GT2_3 24096	21.80 1.07 0.00	19.21 0.95 0.00	16.95 0.88 0.00	15.91 0.85 0.00	14.84 0.77 0.00	16.22 0.80 0.00	15.06 0.71 0.00	17.91 0.83 0.00	18.59 0.89 0.00	17.16 0.90 0.00	18.46 1.10 0.00	18.73 1.21 0.00	20.46 1.30 0.00	25.35 1.60 0.00	28.16 1.82 0.00	28.17 1.96 0.00	42.71 2.62 0.00	33.22 1.97 0.00	31.23 2.16 0.00	25.69 1.80 0.00	22.66 1.59 0.00	25.92 1.81 0.00	33.96 2.30 0.00	33.13 1.89 0.00
ASTORIA_GT2_4 24097	21.80 1.07 0.00	19.21 0.95 0.00	16.95 0.88 0.00	15.91 0.85 0.00	14.84 0.77 0.00	16.22 0.80 0.00	15.06 0.71 0.00	17.91 0.83 0.00	18.59 0.89 0.00	17.16 0.90 0.00	18.46 1.10 0.00	18.73 1.21 0.00	20.46 1.30 0.00	25.35 1.60 0.00	28.16 1.82 0.00	28.17 1.96 0.00	42.71 2.62 0.00	33.22 1.97 0.00	31.23 2.16 0.00	25.69 1.80 0.00	22.66 1.59 0.00	25.92 1.81 0.00	33.96 2.30 0.00	33.13 1.89 0.00
ASTORIA_GT3_1 24098	21.80 1.07 0.00	19.21 0.95 0.00	16.95 0.88 0.00	15.91 0.85 0.00	14.84 0.77 0.00	16.22 0.80 0.00	15.06 0.71 0.00	17.91 0.83 0.00	18.59 0.89 0.00	17.16 0.90 0.00	18.46 1.10 0.00	18.73 1.21 0.00	20.46 1.30 0.00	25.35 1.60 0.00	28.16 1.82 0.00	28.17 1.96 0.00	42.71 2.62 0.00	33.22 1.97 0.00	31.23 2.16 0.00	25.69 1.80 0.00	22.66 1.59 0.00	25.92 1.81 0.00	33.96 2.30 0.00	33.13 1.89 0.00
ASTORIA_GT3_2 24099	21.80 1.07 0.00	19.21 0.95 0.00	16.95 0.88 0.00	15.91 0.85 0.00	14.84 0.77 0.00	16.22 0.80 0.00	15.06 0.71 0.00	17.91 0.83 0.00	18.59 0.89 0.00	17.16 0.90 0.00	18.46 1.10 0.00	18.73 1.21 0.00	20.46 1.30 0.00	25.35 1.60 0.00	28.16 1.82 0.00	28.17 1.96 0.00	42.71 2.62 0.00	33.22 1.97 0.00	31.23 2.16 0.00	25.69 1.80 0.00	22.66 1.59 0.00	25.92 1.81 0.00	33.96 2.30 0.00	33.13 1.89 0.00
ASTORIA_GT3_3 24100	21.80 1.07 0.00	19.21 0.95 0.00	16.95 0.88 0.00	15.91 0.85 0.00	14.84 0.77 0.00	16.22 0.80 0.00	15.06 0.71 0.00	17.91 0.83 0.00	18.59 0.89 0.00	17.16 0.90 0.00	18.46 1.10 0.00	18.73 1.21 0.00	20.46 1.30 0.00	25.35 1.60 0.00	28.16 1.82 0.00	28.17 1.96 0.00	42.71 2.62 0.00	33.22 1.97 0.00	31.23 2.16 0.00	25.69 1.80 0.00	22.66 1.59 0.00	25.92 1.81 0.00	33.96 2.30 0.00	33.13 1.89 0.00
ASTORIA_GT3_4 24101	21.80 1.07 0.00	19.21 0.95 0.00	16.95 0.88 0.00	15.91 0.85 0.00	14.84 0.77 0.00	16.22 0.80 0.00	15.06 0.71 0.00	17.91 0.83 0.00	18.59 0.89 0.00	17.16 0.90 0.00	18.46 1.10 0.00	18.73 1.21 0.00	20.46 1.30 0.00	25.35 1.60 0.00	28.16 1.82 0.00	28.17 1.96 0.00	42.71 2.62 0.00	33.22 1.97 0.00	31.23 2.16 0.00	25.69 1.80 0.00	22.66 1.59 0.00	25.92 1.81 0.00	33.96 2.30 0.00	33.13 1.89 0.00
ASTORIA_GT4_1 24102	21.80 1.07 0.00	19.21 0.95 0.00	16.95 0.88 0.00	15.91 0.85 0.00	14.84 0.77 0.00	16.22 0.80 0.00	15.06 0.71 0.00	17.91 0.83 0.00	18.59 0.89 0.00	17.16 0.90 0.00	18.46 1.10 0.00	18.73 1.21 0.00	20.46 1.30 0.00	25.35 1.60 0.00	28.16 1.82 0.00	28.17 1.96 0.00	42.71 2.62 0.00	33.22 1.97 0.00	31.23 2.16 0.00	25.69 1.80 0.00	22.66 1.59 0.00	25.92 1.81 0.00	33.96 2.30 0.00	33.13 1.89 0.00
ASTORIA_GT4_2 24103	21.80 1.07 0.00	19.21 0.95 0.00	16.95 0.88 0.00	15.91 0.85 0.00	14.84 0.77 0.00	16.22 0.80 0.00	15.06 0.71 0.00	17.91 0.83 0.00	18.59 0.89 0.00	17.16 0.90 0.00	18.46 1.10 0.00	18.73 1.21 0.00	20.46 1.30 0.00	25.35 1.60 0.00	28.16 1.82 0.00	28.17 1.96 0.00	42.71 2.62 0.00	33.22 1.97 0.00	31.23 2.16 0.00	25.69 1.80 0.00	22.66 1.59 0.00	25.92 1.81 0.00	33.96 2.30 0.00	33.13 1.89 0.00
ASTORIA_GT4_3 24104	21.80 1.07 0.00	19.21 0.95 0.00	16.95 0.88 0.00	15.91 0.85 0.00	14.84 0.77 0.00	16.22 0.80 0.00	15.06 0.71 0.00	17.91 0.83 0.00	18.59 0.89 0.00	17.16 0.90 0.00	18.46 1.10 0.00	18.73 1.21 0.00	20.46 1.30 0.00	25.35 1.60 0.00	28.16 1.82 0.00	28.17 1.96 0.00	42.71 2.62 0.00	33.22 1.97 0.00	31.23 2.16 0.00	25.69 1.80 0.00	22.66 1.59 0.00	25.92 1.81 0.00	33.96 2.30 0.00	33.13 1.89 0.00
ASTORIA_GT4_4 24105	21.80 1.07 0.00	19.21 0.95 0.00	16.95 0.88 0.00	15.91 0.85 0.00	14.84 0.77 0.00	16.22 0.80 0.00	15.06 0.71 0.00	17.91 0.83 0.00	18.59 0.89 0.00	17.16 0.90 0.00	18.46 1.10 0.00	18.73 1.21 0.00	20.46 1.30 0.00	25.35 1.60 0.00	28.16 1.82 0.00	28.17 1.96 0.00	42.71 2.62 0.00	33.22 1.97 0.00	31.23 2.16 0.00	25.69 1.80 0.00	22.66 1.59 0.00	25.92 1.81 0.00	33.96 2.30 0.00	33.13 1.89 0.00
ASTORIA_GT_1 23523	21.84 1.11 0.00	19.24 0.97 0.00	16.97 0.90 0.00	15.94 0.87 0.00	14.86 0.79 0.00	16.24 0.82 0.00	15.08 0.73 0.00	17.94 0.85 0.00	18.62 0.92 0.00	17.19 0.93 0.00	18.49 1.14 0.00	18.75 1.25 0.01	20.50 1.34 0.00	25.40 1.65 0.00	28.21 1.87 0.00	28.22 2.01 0.00	42.78 2.70 0.01	33.29 2.04 0.00	31.29 2.22 0.00	25.74 1.86 0.00	22.71 1.63 0.00	25.96 1.86 0.00	34.02 2.36 0.00	33.18 1.94 0.00

ASTORIA_GT_10 24110	21.86 1.13 0.00	19.27 1.00 0.00	16.99 0.92 0.00	15.96 0.89 0.00	14.88 0.82 0.00	16.27 0.85 0.00	15.13 0.79 0.00	17.99 0.91 0.00	18.66 0.96 0.00	17.21 0.95 0.00	18.50 1.15 0.00	18.80 1.28 0.00	20.53 1.37 0.00	25.48 1.73 0.00	28.31 1.98 0.00	28.32 2.11 0.00	42.94 2.86 0.00	33.42 2.16 0.00	31.38 2.31 0.00	25.84 1.95 0.00	22.80 1.73 0.00	26.04 1.94 0.00	34.11 2.45 0.00	33.30 2.06 0.00
ASTORIA_GT_11 24225	21.86 1.13 0.00	19.27 1.00 0.00	16.99 0.92 0.00	15.96 0.89 0.00	14.88 0.82 0.00	16.27 0.85 0.00	15.13 0.79 0.00	17.99 0.91 0.00	18.66 0.96 0.00	17.21 0.95 0.00	18.50 1.15 0.00	18.80 1.28 0.00	20.53 1.37 0.00	25.48 1.73 0.00	28.31 1.98 0.00	28.32 2.11 0.00	42.94 2.86 0.00	33.42 2.16 0.00	31.38 2.31 0.00	25.84 1.95 0.00	22.80 1.73 0.00	26.04 1.94 0.00	34.11 2.45 0.00	33.30 2.06 0.00
ASTORIA_GT_12 24226	21.86 1.13 0.00	19.27 1.00 0.00	16.99 0.92 0.00	15.96 0.89 0.00	14.88 0.82 0.00	16.27 0.85 0.00	15.13 0.79 0.00	17.99 0.91 0.00	18.66 0.96 0.00	17.21 0.95 0.00	18.50 1.15 0.00	18.79 1.28 0.00	20.53 1.37 0.00	25.48 1.73 0.00	28.31 1.98 0.00	28.32 2.11 0.00	42.94 2.85 0.00	33.42 2.16 0.00	31.38 2.31 0.00	25.84 1.95 0.00	22.80 1.73 0.00	26.04 1.94 0.00	34.12 2.45 0.00	33.30 2.07 0.00
ASTORIA_GT_13 24227	21.86 1.13 0.00	19.27 1.00 0.00	16.99 0.92 0.00	15.96 0.89 0.00	14.88 0.82 0.00	16.27 0.85 0.00	15.13 0.79 0.00	17.99 0.91 0.00	18.66 0.96 0.00	17.21 0.95 0.00	18.50 1.15 0.00	18.79 1.28 0.00	20.53 1.37 0.00	25.48 1.73 0.00	28.31 1.98 0.00	28.32 2.11 0.00	42.94 2.85 0.00	33.42 2.16 0.00	31.38 2.31 0.00	25.84 1.95 0.00	22.80 1.73 0.00	26.04 1.94 0.00	34.12 2.45 0.00	33.30 2.07 0.00
ASTORIA_GT_5 24106	21.84 1.11 0.00	19.24 0.97 0.00	16.97 0.90 0.00	15.94 0.87 0.00	14.86 0.79 0.00	16.24 0.82 0.00	15.08 0.73 0.00	17.94 0.85 0.00	18.62 0.92 0.00	17.19 0.93 0.00	18.49 1.14 0.00	18.75 1.25 0.01	20.50 1.34 0.00	25.40 1.65 0.00	28.21 1.87 0.00	28.22 2.01 0.00	42.78 2.70 0.01	33.29 2.04 0.00	31.29 2.22 0.00	25.74 1.86 0.00	22.71 1.63 0.00	25.96 1.86 0.00	34.02 2.36 0.00	33.18 1.94 0.00
ASTORIA_GT_7 24107	21.84 1.11 0.00	19.24 0.97 0.00	16.97 0.90 0.00	15.94 0.87 0.00	14.86 0.79 0.00	16.24 0.82 0.00	15.08 0.73 0.00	17.94 0.85 0.00	18.62 0.92 0.00	17.19 0.93 0.00	18.49 1.14 0.00	18.75 1.25 0.01	20.50 1.34 0.00	25.40 1.65 0.00	28.21 1.87 0.00	28.22 2.01 0.00	42.78 2.70 0.01	33.29 2.04 0.00	31.29 2.22 0.00	25.74 1.86 0.00	22.71 1.63 0.00	25.96 1.86 0.00	34.02 2.36 0.00	33.18 1.94 0.00
ASTORIA_GT_8 24108	21.84 1.11 0.00	19.24 0.97 0.00	16.97 0.90 0.00	15.94 0.87 0.00	14.86 0.79 0.00	16.24 0.82 0.00	15.08 0.73 0.00	17.94 0.85 0.00	18.62 0.92 0.00	17.19 0.93 0.00	18.49 1.14 0.00	18.76 1.25 0.00	20.50 1.34 0.00	25.40 1.65 0.00	28.21 1.87 0.00	28.22 2.01 0.00	42.79 2.70 0.00	33.29 2.04 0.00	31.30 2.23 0.00	25.74 1.86 0.00	22.70 1.63 0.00	25.96 1.86 0.00	34.02 2.36 0.00	33.18 1.94 0.00
ASTORIA___2 24149	21.80 1.07 0.00	19.21 0.94 0.00	16.95 0.88 0.00	15.91 0.85 0.00	14.84 0.77 0.00	16.22 0.80 0.00	15.06 0.71 0.00	17.91 0.83 0.00	18.59 0.90 0.00	17.16 0.90 0.00	18.45 1.10 0.00	18.72 1.21 0.01	20.46 1.30 0.00	25.35 1.60 0.00	28.16 1.82 0.00	28.17 1.96 0.00	42.69 2.62 0.01	33.22 1.97 0.00	31.23 2.16 0.00	25.69 1.80 0.00	22.66 1.59 0.00	25.91 1.81 0.00	33.96 2.30 0.00	33.13 1.89 0.00
ASTORIA___3 23516	21.86 1.13 0.00	19.27 1.00 0.00	16.99 0.92 0.00	15.96 0.89 0.00	14.88 0.82 0.00	16.27 0.85 0.00	15.13 0.79 0.00	17.99 0.91 0.00	18.66 0.96 0.00	17.21 0.95 0.00	18.50 1.15 0.00	18.79 1.28 0.00	20.53 1.37 0.00	25.48 1.73 0.00	28.31 1.98 0.00	28.32 2.11 0.00	42.94 2.85 0.00	33.42 2.16 0.00	31.38 2.31 0.00	25.84 1.95 0.00	22.80 1.73 0.00	26.04 1.94 0.00	34.12 2.45 0.00	33.30 2.07 0.00
ASTORIA___4 23517	21.86 1.13 0.00	19.27 1.00 0.00	16.99 0.92 0.00	15.96 0.89 0.00	14.88 0.82 0.00	16.27 0.85 0.00	15.13 0.79 0.00	17.99 0.91 0.00	18.66 0.96 0.00	17.21 0.95 0.00	18.50 1.15 0.00	18.80 1.28 0.00	20.53 1.37 0.00	25.48 1.73 0.00	28.31 1.98 0.00	28.32 2.11 0.00	42.94 2.86 0.00	33.42 2.16 0.00	31.38 2.31 0.00	25.84 1.95 0.00	22.80 1.73 0.00	26.04 1.94 0.00	34.11 2.45 0.00	33.30 2.06 0.00
ASTORIA___5 23518	21.86 1.13 0.00	19.27 1.00 0.00	16.99 0.92 0.00	15.96 0.89 0.00	14.88 0.82 0.00	16.27 0.85 0.00	15.13 0.79 0.00	17.99 0.91 0.00	18.66 0.96 0.00	17.21 0.95 0.00	18.50 1.15 0.00	18.79 1.28 0.00	20.53 1.37 0.00	25.48 1.73 0.00	28.31 1.98 0.00	28.32 2.11 0.00	42.94 2.85 0.00	33.42 2.16 0.00	31.38 2.31 0.00	25.84 1.95 0.00	22.80 1.73 0.00	26.04 1.94 0.00	34.12 2.45 0.00	33.30 2.07 0.00
AST_ENERGY_2_CC3 323677	21.83 1.10 0.00	19.26 0.99 0.00	16.96 0.90 0.00	15.93 0.86 0.00	14.87 0.80 0.00	16.25 0.83 0.00	15.11 0.77 0.00	17.98 0.90 0.00	18.64 0.94 0.00	17.19 0.93 0.00	18.47 1.12 0.00	18.78 1.27 0.00	20.50 1.34 0.00	25.44 1.69 0.00	28.29 1.95 0.00	28.27 2.06 0.00	42.84 2.75 0.00	33.32 2.07 0.00	31.28 2.21 0.00	25.76 1.87 0.00	22.75 1.67 0.00	25.97 1.86 0.00	34.04 2.38 0.00	33.24 2.00 0.00
AST_ENERGY_2_CC4 323678	21.83 1.10 0.00	19.26 0.99 0.00	16.96 0.90 0.00	15.93 0.86 0.00	14.87 0.80 0.00	16.25 0.83 0.00	15.11 0.77 0.00	17.98 0.90 0.00	18.64 0.94 0.00	17.19 0.93 0.00	18.47 1.12 0.00	18.78 1.27 0.00	20.50 1.34 0.00	25.44 1.69 0.00	28.29 1.95 0.00	28.27 2.06 0.00	42.84 2.75 0.00	33.32 2.07 0.00	31.28 2.21 0.00	25.76 1.87 0.00	22.75 1.67 0.00	25.97 1.86 0.00	34.04 2.38 0.00	33.24 2.00 0.00
ATHENS_STG_1 23668	21.42 0.68 0.00	18.89 0.62 0.00	16.65 0.58 0.00	15.64 0.57 0.00	14.60 0.53 0.00	15.98 0.56 0.00	14.87 0.52 0.00	17.64 0.56 0.00	18.25 0.55 0.00	16.77 0.52 0.00	17.95 0.60 0.00	18.17 0.66 0.00	19.86 0.70 0.00	24.68 0.93 0.00	27.37 1.03 0.00	27.35 1.14 0.00	41.61 1.52 0.00	32.39 1.14 0.00	30.35 1.28 0.00	24.94 1.05 0.00	22.03 0.96 0.00	25.17 1.07 0.00	33.05 1.38 0.00	32.43 1.19 0.00
ATHENS_STG_2 23670	21.42 0.68 0.00	18.89 0.62 0.00	16.65 0.58 0.00	15.64 0.57 0.00	14.60 0.53 0.00	15.98 0.56 0.00	14.87 0.52 0.00	17.64 0.56 0.00	18.25 0.55 0.00	16.77 0.52 0.00	17.95 0.60 0.00	18.17 0.66 0.00	19.86 0.70 0.00	24.68 0.93 0.00	27.37 1.03 0.00	27.35 1.14 0.00	41.61 1.52 0.00	32.39 1.14 0.00	30.35 1.28 0.00	24.94 1.05 0.00	22.03 0.96 0.00	25.17 1.07 0.00	33.05 1.38 0.00	32.43 1.19 0.00

ATHENS_STG_3 23677	21.42 0.68 0.00	18.89 0.62 0.00	16.65 0.58 0.00	15.64 0.57 0.00	14.60 0.53 0.00	15.98 0.56 0.00	14.87 0.52 0.00	17.64 0.56 0.00	18.25 0.55 0.00	16.77 0.52 0.00	17.95 0.60 0.00	18.17 0.66 0.00	19.86 0.70 0.00	24.68 0.93 0.00	27.37 1.03 0.00	27.35 1.14 0.00	41.61 1.52 0.00	32.39 1.14 0.00	30.35 1.28 0.00	24.94 1.05 0.00	22.03 0.96 0.00	25.17 1.07 0.00	33.05 1.38 0.00	32.43 1.19 0.00
AUBURN___LFGE 323710	20.83 0.10 0.00	18.28 0.01 0.00	16.08 0.01 0.00	15.07 0.01 0.00	14.07 0.00 0.00	15.44 0.02 0.00	14.37 0.02 0.00	17.16 0.07 0.00	17.78 0.09 0.00	16.32 0.06 0.00	17.40 0.05 0.00	17.59 0.08 0.00	19.28 0.12 0.00	23.84 0.09 0.00	26.46 0.12 0.00	26.33 0.12 0.00	40.25 0.17 0.00	31.43 0.17 0.00	29.25 0.18 0.00	24.07 0.18 0.00	21.20 0.13 0.00	24.28 0.18 0.00	31.80 0.14 0.00	31.43 0.19 0.00
BABYLON_RES_REC 323704	21.97 1.24 0.00	19.35 1.08 0.00	17.02 0.95 0.00	15.95 0.88 0.00	15.02 0.95 0.00	16.47 1.05 0.00	15.32 0.97 0.00	18.12 1.04 0.00	18.76 1.06 0.00	17.29 1.04 0.00	28.54 1.32 -9.87	29.59 1.46 -10.62	31.67 1.54 -10.97	35.46 1.86 -9.85	29.39 1.92 -1.13	28.14 1.93 0.00	42.22 2.17 0.04	32.71 1.53 0.08	30.95 1.88 0.00	25.72 1.83 0.00	24.36 1.84 -1.45	57.64 2.02 -31.52	45.61 2.55 -11.40	41.57 2.33 -8.00
BABYLON__69_KV_BK2 356345	22.32 1.59 0.00	19.66 1.39 0.00	17.28 1.21 0.00	16.18 1.12 0.00	15.14 1.07 0.00	16.61 1.19 0.00	15.44 1.10 0.00	18.28 1.19 0.00	18.91 1.22 0.00	17.44 1.19 0.00	28.71 1.48 -9.87	29.77 1.64 -10.62	31.89 1.76 -10.97	35.83 2.23 -9.85	29.93 2.46 -1.13	28.69 2.48 0.00	43.11 3.05 0.03	33.35 2.17 0.07	31.52 2.45 0.00	26.17 2.28 0.00	24.81 2.29 -1.45	58.11 2.49 -31.52	46.21 3.15 -11.40	42.10 2.86 -8.00
BARON_WINDS___WT_PWR 323822	20.66 -0.08 0.00	17.94 -0.33 0.00	15.71 -0.35 0.00	14.69 -0.38 0.00	13.72 -0.34 0.00	15.16 -0.25 0.00	14.12 -0.23 0.00	16.92 -0.16 0.00	17.53 -0.17 0.00	16.20 -0.06 0.00	17.37 0.01 0.00	17.61 0.10 0.00	19.37 0.21 0.00	23.86 0.11 0.00	26.58 0.24 0.00	26.17 -0.04 0.00	39.81 -0.28 0.00	30.93 -0.32 0.00	28.72 -0.35 0.00	23.72 -0.17 0.00	20.85 -0.22 0.00	23.98 -0.12 0.00	31.45 -0.21 0.00	31.17 -0.07 0.00
BARRETT_IC_1 23704	22.10 1.37 0.00	19.48 1.21 0.00	17.13 1.06 0.00	16.06 0.99 0.00	14.99 0.93 0.00	16.43 1.01 0.00	15.27 0.92 0.00	18.09 1.01 0.00	18.75 1.05 0.00	17.24 0.98 0.00	28.50 1.28 -9.87	29.52 1.38 -10.62	31.53 1.40 -10.97	35.33 1.73 -9.85	29.32 1.85 -1.13	28.10 1.89 0.00	41.03 2.36 1.41	29.69 1.66 3.22	31.02 1.95 0.00	25.67 1.78 0.00	24.27 1.75 -1.45	57.68 2.05 -31.52	45.79 2.72 -11.41	41.75 2.50 -8.01
BARRETT_IC_10 23701	22.10 1.37 0.00	19.48 1.21 0.00	17.13 1.06 0.00	16.06 0.99 0.00	14.99 0.93 0.00	16.43 1.01 0.00	15.27 0.92 0.00	18.09 1.01 0.00	18.75 1.05 0.00	17.24 0.98 0.00	28.50 1.28 -9.87	29.52 1.38 -10.62	31.53 1.40 -10.97	35.33 1.73 -9.85	29.32 1.85 -1.13	28.10 1.89 0.00	41.03 2.36 1.41	29.69 1.66 3.22	31.02 1.95 0.00	25.67 1.78 0.00	24.27 1.75 -1.45	57.68 2.05 -31.52	45.79 2.72 -11.41	41.75 2.50 -8.01
BARRETT_IC_11 23702	22.10 1.37 0.00	19.48 1.21 0.00	17.13 1.06 0.00	16.06 0.99 0.00	14.99 0.93 0.00	16.43 1.01 0.00	15.27 0.92 0.00	18.09 1.01 0.00	18.75 1.05 0.00	17.24 0.98 0.00	28.50 1.28 -9.87	29.52 1.38 -10.62	31.53 1.40 -10.97	35.33 1.73 -9.85	29.32 1.85 -1.13	28.10 1.89 0.00	41.03 2.36 1.41	29.69 1.66 3.22	31.02 1.95 0.00	25.67 1.78 0.00	24.27 1.75 -1.45	57.68 2.05 -31.52	45.79 2.72 -11.41	41.75 2.50 -8.01
BARRETT_IC_12 23703	22.10 1.37 0.00	19.48 1.21 0.00	17.13 1.06 0.00	16.06 0.99 0.00	14.99 0.93 0.00	16.43 1.01 0.00	15.27 0.92 0.00	18.09 1.01 0.00	18.75 1.05 0.00	17.24 0.98 0.00	28.50 1.28 -9.87	29.52 1.38 -10.62	31.53 1.40 -10.97	35.33 1.73 -9.85	29.32 1.85 -1.13	28.10 1.89 0.00	41.03 2.36 1.41	29.69 1.66 3.22	31.02 1.95 0.00	25.67 1.78 0.00	24.27 1.75 -1.45	57.68 2.05 -31.52	45.79 2.72 -11.41	41.75 2.50 -8.01
BARRETT_IC_2 23705	22.10 1.37 0.00	19.48 1.21 0.00	17.13 1.06 0.00	16.06 0.99 0.00	14.99 0.93 0.00	16.43 1.01 0.00	15.27 0.92 0.00	18.09 1.01 0.00	18.75 1.05 0.00	17.24 0.98 0.00	28.50 1.28 -9.87	29.52 1.38 -10.62	31.53 1.40 -10.97	35.33 1.73 -9.85	29.32 1.85 -1.13	28.10 1.89 0.00	41.03 2.36 1.41	29.69 1.66 3.22	31.02 1.95 0.00	25.67 1.78 0.00	24.27 1.75 -1.45	57.68 2.05 -31.52	45.79 2.72 -11.41	41.75 2.50 -8.01
BARRETT_IC_3 23706	22.10 1.37 0.00	19.48 1.21 0.00	17.13 1.06 0.00	16.06 0.99 0.00	14.99 0.93 0.00	16.43 1.01 0.00	15.27 0.92 0.00	18.09 1.01 0.00	18.75 1.05 0.00	17.24 0.98 0.00	28.50 1.28 -9.87	29.52 1.38 -10.62	31.53 1.40 -10.97	35.33 1.73 -9.85	29.32 1.85 -1.13	28.10 1.89 0.00	41.03 2.36 1.41	29.69 1.66 3.22	31.02 1.95 0.00	25.67 1.78 0.00	24.27 1.75 -1.45	57.68 2.05 -31.52	45.79 2.72 -11.41	41.75 2.50 -8.01
BARRETT_IC_4 23707	22.10 1.37 0.00	19.48 1.21 0.00	17.13 1.06 0.00	16.06 0.99 0.00	14.99 0.93 0.00	16.43 1.01 0.00	15.27 0.92 0.00	18.09 1.01 0.00	18.75 1.05 0.00	17.24 0.98 0.00	28.50 1.28 -9.87	29.52 1.38 -10.62	31.53 1.40 -10.97	35.33 1.73 -9.85	29.32 1.85 -1.13	28.10 1.89 0.00	41.03 2.36 1.41	29.69 1.66 3.22	31.02 1.95 0.00	25.67 1.78 0.00	24.27 1.75 -1.45	57.68 2.05 -31.52	45.79 2.72 -11.41	41.75 2.50 -8.01
BARRETT_IC_5 23708	22.10 1.37 0.00	19.48 1.21 0.00	17.13 1.06 0.00	16.06 0.99 0.00	14.99 0.93 0.00	16.43 1.01 0.00	15.27 0.92 0.00	18.09 1.01 0.00	18.75 1.05 0.00	17.24 0.98 0.00	28.50 1.28 -9.87	29.52 1.38 -10.62	31.53 1.40 -10.97	35.33 1.73 -9.85	29.32 1.85 -1.13	28.10 1.89 0.00	41.03 2.36 1.41	29.69 1.66 3.22	31.02 1.95 0.00	25.67 1.78 0.00	24.27 1.75 -1.45	57.68 2.05 -31.52	45.79 2.72 -11.41	41.75 2.50 -8.01
BARRETT_IC_6 23709	22.10 1.37 0.00	19.48 1.21 0.00	17.13 1.06 0.00	16.06 0.99 0.00	14.99 0.93 0.00	16.43 1.01 0.00	15.27 0.92 0.00	18.09 1.01 0.00	18.75 1.05 0.00	17.24 0.98 0.00	28.50 1.28 -9.87	29.52 1.38 -10.62	31.53 1.40 -10.97	35.33 1.73 -9.85	29.32 1.85 -1.13	28.10 1.89 0.00	41.03 2.36 1.41	29.69 1.66 3.22	31.02 1.95 0.00	25.67 1.78 0.00	24.27 1.75 -1.45	57.68 2.05 -31.52	45.79 2.72 -11.41	41.75 2.50 -8.01
BARRETT_IC_7 23710	22.10 1.37 0.00	19.48 1.21 0.00	17.13 1.06 0.00	16.06 0.99 0.00	14.99 0.93 0.00	16.43 1.01 0.00	15.27 0.92 0.00	18.09 1.01 0.00	18.75 1.05 0.00	17.24 0.98 0.00	28.50 1.28 -9.87	29.52 1.38 -10.62	31.53 1.40 -10.97	35.33 1.73 -9.85	29.32 1.85 -1.13	28.10 1.89 0.00	41.04 2.37 1.41	29.69 1.66 3.22	31.03 1.95 0.00	25.67 1.78 0.00	24.27 1.75 -1.45	57.68 2.05 -31.52	45.79 2.72 -11.41	41.75 2.50 -8.01

BARRETT_IC_8 23711	22.10 1.37 0.00	19.48 1.21 0.00	17.13 1.06 0.00	16.06 0.99 0.00	14.99 0.93 0.00	16.43 1.01 0.00	15.27 0.92 0.00	18.09 1.01 0.00	18.75 1.05 0.00	17.24 0.98 0.00	28.50 1.28 -9.87	29.52 1.38 -10.62	31.53 1.40 -10.97	35.33 1.73 -9.85	29.32 1.85 -1.13	28.10 1.89 0.00	41.03 2.36 1.41	29.69 1.66 3.22	31.02 1.95 0.00	25.67 1.78 0.00	24.27 1.75 -1.45	57.68 2.05 -31.52	45.79 2.72 -11.41	41.75 2.50 -8.01
BARRETT_IC_9 23700	22.10 1.37 0.00	19.48 1.21 0.00	17.13 1.06 0.00	16.06 0.99 0.00	14.99 0.93 0.00	16.43 1.01 0.00	15.27 0.92 0.00	18.09 1.01 0.00	18.75 1.05 0.00	17.24 0.98 0.00	28.50 1.28 -9.87	29.52 1.38 -10.62	31.53 1.40 -10.97	35.33 1.73 -9.85	29.32 1.85 -1.13	28.10 1.89 0.00	41.03 2.36 1.41	29.69 1.66 3.22	31.02 1.95 0.00	25.67 1.78 0.00	24.27 1.75 -1.45	57.68 2.05 -31.52	45.79 2.72 -11.41	41.75 2.50 -8.01
BARRETT___1 23545	22.10 1.37 0.00	19.48 1.21 0.00	17.13 1.06 0.00	16.06 0.99 0.00	14.99 0.93 0.00	16.43 1.01 0.00	15.27 0.92 0.00	18.09 1.01 0.00	18.75 1.05 0.00	17.24 0.98 0.00	28.50 1.28 -9.87	29.52 1.38 -10.62	31.53 1.40 -10.97	35.33 1.73 -9.85	29.32 1.85 -1.13	28.10 1.89 0.00	41.03 2.36 1.41	29.69 1.66 3.22	31.02 1.95 0.00	25.67 1.78 0.00	24.27 1.75 -1.45	57.68 2.05 -31.52	45.79 2.72 -11.41	41.75 2.50 -8.01
BARRETT___2 23546	22.10 1.37 0.00	19.48 1.21 0.00	17.13 1.06 0.00	16.06 0.99 0.00	14.99 0.93 0.00	16.43 1.01 0.00	15.27 0.92 0.00	18.09 1.01 0.00	18.75 1.05 0.00	17.24 0.98 0.00	28.50 1.28 -9.87	29.52 1.38 -10.62	31.53 1.40 -10.97	35.33 1.73 -9.85	29.32 1.85 -1.13	28.10 1.89 0.00	41.03 2.36 1.41	29.69 1.66 3.22	31.02 1.95 0.00	25.67 1.78 0.00	24.27 1.75 -1.45	57.68 2.05 -31.52	45.79 2.72 -11.41	41.75 2.50 -8.01
BATAVIA___115KV_TB1 55881	20.65 -0.09 0.00	18.00 -0.27 0.00	15.78 -0.29 0.00	14.77 -0.29 0.00	13.79 -0.28 0.00	15.19 -0.23 0.00	14.11 -0.24 0.00	16.94 -0.14 0.00	17.66 -0.04 0.00	16.20 -0.06 0.00	17.25 -0.11 0.00	17.50 -0.02 0.00	19.28 0.12 0.00	23.75 -0.01 0.00	26.25 -0.09 0.00	25.80 -0.41 0.00	39.50 -0.59 0.00	30.99 -0.27 0.00	28.85 -0.22 0.00	23.85 -0.04 0.00	20.97 -0.10 0.00	24.13 0.03 0.00	31.39 -0.27 0.00	31.23 -0.01 0.00
BAYONEEC___CTG1 323682	21.87 1.14 0.00	19.27 1.00 0.00	16.97 0.90 0.00	15.94 0.87 0.00	14.87 0.80 0.00	16.26 0.84 0.00	15.12 0.77 0.00	17.99 0.91 0.00	18.65 0.95 0.00	17.19 0.94 0.00	18.48 1.13 0.00	18.79 1.27 0.00	20.53 1.37 0.00	25.48 1.73 0.00	28.34 2.00 0.00	28.32 2.11 0.00	42.89 2.80 0.00	33.37 2.11 0.00	31.32 2.25 0.00	25.80 1.92 0.00	22.79 1.72 0.00	26.01 1.91 0.00	34.10 2.44 0.00	33.30 2.06 0.00
BAYONEEC___CTG10 323750	21.87 1.14 0.00	19.27 1.00 0.00	16.97 0.90 0.00	15.94 0.87 0.00	14.87 0.80 0.00	16.26 0.84 0.00	15.12 0.77 0.00	17.99 0.91 0.00	18.65 0.95 0.00	17.19 0.94 0.00	18.48 1.13 0.00	18.79 1.27 0.00	20.53 1.37 0.00	25.48 1.73 0.00	28.34 2.00 0.00	28.32 2.11 0.00	42.89 2.80 0.00	33.37 2.11 0.00	31.32 2.25 0.00	25.80 1.92 0.00	22.79 1.72 0.00	26.01 1.91 0.00	34.10 2.44 0.00	33.30 2.06 0.00
BAYONEEC___CTG2 323683	21.87 1.14 0.00	19.27 1.00 0.00	16.97 0.90 0.00	15.94 0.87 0.00	14.87 0.80 0.00	16.26 0.84 0.00	15.12 0.77 0.00	17.99 0.91 0.00	18.65 0.95 0.00	17.19 0.94 0.00	18.48 1.13 0.00	18.79 1.27 0.00	20.53 1.37 0.00	25.48 1.73 0.00	28.34 2.00 0.00	28.32 2.11 0.00	42.89 2.80 0.00	33.37 2.11 0.00	31.32 2.25 0.00	25.80 1.92 0.00	22.79 1.72 0.00	26.01 1.91 0.00	34.10 2.44 0.00	33.30 2.06 0.00
BAYONEEC___CTG3 323684	21.87 1.14 0.00	19.27 1.00 0.00	16.97 0.90 0.00	15.94 0.87 0.00	14.87 0.80 0.00	16.26 0.84 0.00	15.12 0.77 0.00	17.99 0.91 0.00	18.65 0.95 0.00	17.19 0.94 0.00	18.48 1.13 0.00	18.79 1.27 0.00	20.53 1.37 0.00	25.48 1.73 0.00	28.34 2.00 0.00	28.32 2.11 0.00	42.89 2.80 0.00	33.37 2.11 0.00	31.32 2.25 0.00	25.80 1.92 0.00	22.79 1.72 0.00	26.01 1.91 0.00	34.10 2.44 0.00	33.30 2.06 0.00
BAYONEEC___CTG4 323685	21.87 1.14 0.00	19.27 1.00 0.00	16.97 0.90 0.00	15.94 0.87 0.00	14.87 0.80 0.00	16.26 0.84 0.00	15.12 0.77 0.00	17.99 0.91 0.00	18.65 0.95 0.00	17.19 0.94 0.00	18.48 1.13 0.00	18.79 1.27 0.00	20.53 1.37 0.00	25.48 1.73 0.00	28.34 2.00 0.00	28.32 2.11 0.00	42.89 2.80 0.00	33.37 2.11 0.00	31.32 2.25 0.00	25.80 1.92 0.00	22.79 1.72 0.00	26.01 1.91 0.00	34.10 2.44 0.00	33.30 2.06 0.00
BAYONEEC___CTG5 323686	21.87 1.14 0.00	19.27 1.00 0.00	16.97 0.90 0.00	15.94 0.87 0.00	14.87 0.80 0.00	16.26 0.84 0.00	15.12 0.77 0.00	17.99 0.91 0.00	18.65 0.95 0.00	17.19 0.94 0.00	18.48 1.13 0.00	18.79 1.27 0.00	20.53 1.37 0.00	25.48 1.73 0.00	28.34 2.00 0.00	28.32 2.11 0.00	42.89 2.80 0.00	33.37 2.11 0.00	31.32 2.25 0.00	25.80 1.92 0.00	22.79 1.72 0.00	26.01 1.91 0.00	34.10 2.44 0.00	33.30 2.06 0.00
BAYONEEC___CTG6 323687	21.87 1.14 0.00	19.27 1.00 0.00	16.97 0.90 0.00	15.94 0.87 0.00	14.87 0.80 0.00	16.26 0.84 0.00	15.12 0.77 0.00	17.99 0.91 0.00	18.65 0.95 0.00	17.19 0.94 0.00	18.48 1.13 0.00	18.79 1.27 0.00	20.53 1.37 0.00	25.48 1.73 0.00	28.34 2.00 0.00	28.32 2.11 0.00	42.89 2.80 0.00	33.37 2.11 0.00	31.32 2.25 0.00	25.80 1.92 0.00	22.79 1.72 0.00	26.01 1.91 0.00	34.10 2.44 0.00	33.30 2.06 0.00
BAYONEEC___CTG7 323688	21.87 1.14 0.00	19.27 1.00 0.00	16.97 0.90 0.00	15.94 0.87 0.00	14.87 0.80 0.00	16.26 0.84 0.00	15.12 0.77 0.00	17.99 0.91 0.00	18.65 0.95 0.00	17.19 0.94 0.00	18.48 1.13 0.00	18.79 1.27 0.00	20.53 1.37 0.00	25.48 1.73 0.00	28.34 2.00 0.00	28.32 2.11 0.00	42.89 2.80 0.00	33.37 2.11 0.00	31.32 2.25 0.00	25.80 1.92 0.00	22.79 1.72 0.00	26.01 1.91 0.00	34.10 2.44 0.00	33.30 2.06 0.00
BAYONEEC___CTG8 323689	21.87 1.14 0.00	19.27 1.00 0.00	16.97 0.90 0.00	15.94 0.87 0.00	14.87 0.80 0.00	16.26 0.84 0.00	15.12 0.77 0.00	17.99 0.91 0.00	18.65 0.95 0.00	17.19 0.94 0.00	18.48 1.13 0.00	18.79 1.27 0.00	20.53 1.37 0.00	25.48 1.73 0.00	28.34 2.00 0.00	28.32 2.11 0.00	42.89 2.80 0.00	33.37 2.11 0.00	31.32 2.25 0.00	25.80 1.92 0.00	22.79 1.72 0.00	26.01 1.91 0.00	34.10 2.44 0.00	33.30 2.06 0.00
BAYONEEC___CTG9 323749	21.87 1.14 0.00	19.27 1.00 0.00	16.97 0.90 0.00	15.94 0.87 0.00	14.87 0.80 0.00	16.26 0.84 0.00	15.12 0.77 0.00	17.99 0.91 0.00	18.65 0.95 0.00	17.19 0.94 0.00	18.48 1.13 0.00	18.79 1.27 0.00	20.53 1.37 0.00	25.48 1.73 0.00	28.34 2.00 0.00	28.32 2.11 0.00	42.89 2.80 0.00	33.37 2.11 0.00	31.32 2.25 0.00	25.80 1.92 0.00	22.79 1.72 0.00	26.01 1.91 0.00	34.10 2.44 0.00	33.30 2.06 0.00

BEACON___LESR 323632	21.27 0.55 0.00	18.78 0.51 0.00	16.57 0.50 0.00	15.57 0.50 0.00	14.56 0.50 0.00	15.92 0.51 0.00	14.85 0.50 0.00	17.53 0.45 0.00	18.10 0.40 0.00	16.63 0.37 0.00	17.75 0.40 0.00	17.97 0.46 0.00	19.67 0.50 0.00	24.48 0.73 0.00	27.09 0.75 0.00	27.14 0.92 0.00	41.36 1.28 0.00	32.23 0.98 0.00	30.22 1.15 0.00	24.81 0.93 0.00	21.93 0.86 0.00	25.05 0.95 0.00	32.86 1.20 0.00	32.22 0.99 0.00
BEAVER RIVER___HYD 24048	21.32 0.59 0.00	18.72 0.45 0.00	16.36 0.30 0.00	15.24 0.18 0.00	14.22 0.16 0.00	15.56 0.14 0.00	14.46 0.11 0.00	17.47 0.39 0.00	18.18 0.48 0.00	16.63 0.37 0.00	17.60 0.25 0.00	17.83 0.32 0.00	19.54 0.38 0.00	24.22 0.47 0.00	26.76 0.42 0.00	26.81 0.60 0.00	41.15 1.06 0.00	32.15 0.89 0.00	29.80 0.73 0.00	24.36 0.47 0.00	21.41 0.34 0.00	24.33 0.22 0.00	32.09 0.43 0.00	31.50 0.26 0.00
BEEBEE_GT_13 23619	20.53 -0.20 0.00	17.95 -0.32 0.00	15.75 -0.31 0.00	14.76 -0.31 0.00	13.77 -0.30 0.00	15.14 -0.27 0.00	14.08 -0.26 0.00	16.87 -0.21 0.00	17.55 -0.15 0.00	16.12 -0.14 0.00	17.19 -0.17 0.00	17.40 -0.12 0.00	19.15 -0.01 0.00	23.65 -0.10 0.00	26.16 -0.17 0.00	25.86 -0.36 0.00	39.51 -0.58 0.00	30.87 -0.39 0.00	28.71 -0.36 0.00	23.67 -0.22 0.00	20.83 -0.24 0.00	23.93 -0.17 0.00	31.21 -0.45 0.00	30.97 -0.27 0.00
BENSHRST_27_KV_BENSHRST_1 355998	22.08 1.35 0.00	19.43 1.17 0.00	17.11 1.05 0.00	16.07 1.01 0.00	14.99 0.92 0.00	16.38 0.97 0.00	15.24 0.89 0.00	18.13 1.05 0.00	18.80 1.11 0.00	17.35 1.10 0.00	18.67 1.31 0.00	18.97 1.45 0.00	20.72 1.55 0.00	25.72 1.98 0.00	28.59 2.25 0.00	28.59 2.38 0.00	43.24 3.15 0.00	33.66 2.41 0.00	31.62 2.55 0.00	26.08 2.19 0.00	23.02 1.95 0.00	26.28 2.18 0.00	34.42 2.76 0.00	33.59 2.35 0.00
BETHLEHEM___GRP 23843	20.96 0.22 0.00	18.51 0.25 0.00	16.34 0.27 0.00	15.35 0.29 0.00	14.37 0.30 0.00	15.70 0.29 0.00	14.66 0.31 0.00	17.28 0.20 0.00	17.83 0.14 0.00	16.37 0.11 0.00	17.49 0.14 0.00	17.70 0.18 0.00	19.35 0.19 0.00	24.09 0.34 0.00	26.67 0.33 0.00	26.70 0.49 0.00	40.66 0.58 0.00	31.69 0.43 0.00	29.70 0.63 0.00	24.38 0.49 0.00	21.54 0.47 0.00	24.62 0.52 0.00	32.33 0.67 0.00	31.73 0.49 0.00
BETHLEHEM___GS1 323560	20.96 0.22 0.00	18.51 0.25 0.00	16.34 0.27 0.00	15.35 0.29 0.00	14.37 0.30 0.00	15.71 0.29 0.00	14.66 0.31 0.00	17.28 0.20 0.00	17.83 0.14 0.00	16.37 0.11 0.00	17.49 0.14 0.00	17.70 0.18 0.00	19.35 0.19 0.00	24.08 0.33 0.00	26.67 0.33 0.00	26.70 0.49 0.00	40.67 0.58 0.00	31.69 0.43 0.00	29.70 0.63 0.00	24.38 0.49 0.00	21.54 0.47 0.00	24.63 0.52 0.00	32.33 0.67 0.00	31.73 0.49 0.00
BETHLEHEM___GS2 323561	20.96 0.22 0.00	18.51 0.25 0.00	16.34 0.27 0.00	15.35 0.29 0.00	14.37 0.30 0.00	15.71 0.29 0.00	14.66 0.31 0.00	17.28 0.20 0.00	17.83 0.14 0.00	16.37 0.11 0.00	17.49 0.14 0.00	17.70 0.18 0.00	19.35 0.19 0.00	24.08 0.33 0.00	26.67 0.33 0.00	26.70 0.49 0.00	40.67 0.58 0.00	31.69 0.43 0.00	29.70 0.63 0.00	24.38 0.49 0.00	21.54 0.47 0.00	24.63 0.52 0.00	32.33 0.67 0.00	31.73 0.49 0.00
BETHLEHEM___GS3 323562	20.96 0.22 0.00	18.51 0.25 0.00	16.34 0.27 0.00	15.35 0.29 0.00	14.37 0.30 0.00	15.71 0.29 0.00	14.66 0.31 0.00	17.28 0.20 0.00	17.83 0.14 0.00	16.37 0.11 0.00	17.49 0.14 0.00	17.70 0.18 0.00	19.35 0.19 0.00	24.08 0.33 0.00	26.67 0.33 0.00	26.70 0.49 0.00	40.67 0.58 0.00	31.69 0.43 0.00	29.70 0.63 0.00	24.38 0.49 0.00	21.54 0.47 0.00	24.63 0.52 0.00	32.33 0.67 0.00	31.73 0.49 0.00
BETHLEHEM___STEEL 23779	20.41 -0.31 0.00	17.76 -0.51 0.00	15.59 -0.47 0.00	14.60 -0.47 0.00	13.61 -0.45 0.00	15.01 -0.41 0.00	13.95 -0.40 0.00	16.77 -0.31 0.00	17.46 -0.23 0.00	16.08 -0.18 0.00	17.19 -0.17 0.00	17.43 -0.09 0.00	19.23 0.07 0.00	23.62 -0.13 0.00	26.20 -0.14 0.00	25.69 -0.53 0.00	39.19 -0.90 0.00	30.57 -0.69 0.00	28.39 -0.67 0.00	23.46 -0.42 0.00	20.62 -0.45 0.00	23.78 -0.32 0.00	30.98 -0.69 0.00	30.85 -0.39 0.00
BETHLHEM_115KV_TB1 79974	21.02 0.29 0.00	18.56 0.30 0.00	16.38 0.31 0.00	15.39 0.33 0.00	14.40 0.34 0.00	15.75 0.33 0.00	14.69 0.34 0.00	17.34 0.25 0.00	17.89 0.19 0.00	16.43 0.17 0.00	17.55 0.20 0.00	17.76 0.24 0.00	19.41 0.25 0.00	24.16 0.41 0.00	26.75 0.41 0.00	26.78 0.57 0.00	40.78 0.69 0.00	31.78 0.52 0.00	29.78 0.71 0.00	24.45 0.56 0.00	21.60 0.53 0.00	24.69 0.59 0.00	32.43 0.77 0.00	31.82 0.58 0.00
BETHPAGE_CC_5 323564	22.12 1.39 0.00	19.49 1.22 0.00	17.14 1.07 0.00	16.06 1.00 0.00	15.01 0.94 0.00	16.46 1.04 0.00	15.30 0.96 0.00	18.12 1.04 0.00	18.78 1.08 0.00	17.32 1.06 0.00	28.57 1.35 -9.87	29.61 1.48 -10.62	31.67 1.54 -10.97	35.54 1.94 -9.85	29.63 2.15 -1.13	28.39 2.18 0.00	42.73 2.70 0.05	33.07 1.94 0.12	31.30 2.22 0.00	25.91 2.02 0.00	24.49 1.97 -1.45	57.79 2.17 -31.52	45.85 2.78 -11.40	41.78 2.54 -8.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	20.47 -0.26 0.00	17.80 -0.47 0.00	15.63 -0.44 0.00	14.64 -0.43 0.00	13.65 -0.42 0.00	15.04 -0.37 0.00	13.99 -0.36 0.00	16.82 -0.26 0.00	17.51 -0.18 0.00	16.12 -0.13 0.00	17.24 -0.12 0.00	17.48 -0.04 0.00	19.29 0.13 0.00	23.69 -0.06 0.00	26.28 -0.06 0.00	25.78 -0.43 0.00	39.32 -0.76 0.00	30.67 -0.58 0.00	28.48 -0.59 0.00	23.54 -0.35 0.00	20.68 -0.39 0.00	23.86 -0.25 0.00	31.07 -0.59 0.00	30.94 -0.30 0.00
BINGHAMTON___COGEN 23790	20.89 0.15 0.00	18.30 0.03 0.00	16.13 0.06 0.00	15.13 0.06 0.00	14.10 0.04 0.00	15.49 0.07 0.00	14.43 0.08 0.00	17.25 0.16 0.00	17.86 0.16 0.00	16.39 0.14 0.00	17.53 0.18 0.00	17.74 0.23 0.00	19.44 0.28 0.00	24.01 0.26 0.00	26.71 0.37 0.00	26.56 0.34 0.00	40.51 0.43 0.00	31.57 0.31 0.00	29.41 0.34 0.00	24.20 0.31 0.00	21.31 0.24 0.00	24.40 0.30 0.00	32.01 0.34 0.00	31.61 0.37 0.00
BIXINCNT_115KV_LOAD 355685	20.66 -0.07 0.00	17.91 -0.36 0.00	15.72 -0.34 0.00	14.75 -0.32 0.00	13.72 -0.35 0.00	15.13 -0.28 0.00	14.05 -0.29 0.00	16.95 -0.14 0.00	17.65 -0.05 0.00	16.27 0.01 0.00	17.43 0.08 0.00	17.70 0.18 0.00	19.48 0.31 0.00	23.92 0.17 0.00	26.52 0.18 0.00	26.03 -0.18 0.00	39.67 -0.42 0.00	30.76 -0.50 0.00	28.62 -0.45 0.00	23.67 -0.22 0.00	20.80 -0.27 0.00	24.08 -0.02 0.00	31.43 -0.23 0.00	31.31 0.07 0.00
BLACK RIVER___HYD 24047	21.45 0.72 0.00	18.80 0.53 0.00	16.41 0.35 0.00	15.27 0.20 0.00	14.25 0.18 0.00	15.61 0.19 0.00	14.51 0.16 0.00	17.57 0.49 0.00	18.28 0.58 0.00	16.68 0.42 0.00	17.66 0.30 0.00	17.97 0.46 0.00	19.67 0.51 0.00	24.32 0.57 0.00	26.74 0.40 0.00	26.90 0.69 0.00	41.30 1.21 0.00	32.27 1.02 0.00	29.97 0.90 0.00	24.48 0.60 0.00	21.50 0.43 0.00	24.41 0.31 0.00	32.19 0.53 0.00	31.60 0.36 0.00

BLACKRVR_115KV_TB2 79977	21.45 0.72 0.00	18.80 0.53 0.00	16.41 0.35 0.00	15.27 0.20 0.00	14.25 0.18 0.00	15.61 0.19 0.00	14.51 0.16 0.00	17.57 0.49 0.00	18.28 0.58 0.00	16.68 0.42 0.00	17.66 0.30 0.00	17.97 0.46 0.00	19.67 0.51 0.00	24.32 0.57 0.00	26.74 0.40 0.00	26.90 0.69 0.00	41.29 1.21 0.00	32.28 1.02 0.00	29.97 0.90 0.00	24.49 0.60 0.00	21.50 0.43 0.00	24.41 0.31 0.00	32.19 0.53 0.00	31.60 0.36 0.00
BLISS_WT_PWR 323608	20.66 -0.08 0.00	17.88 -0.38 0.00	15.70 -0.37 0.00	14.73 -0.34 0.00	13.69 -0.38 0.00	15.10 -0.31 0.00	14.02 -0.33 0.00	16.91 -0.17 0.00	17.61 -0.09 0.00	16.26 0.00 0.00	17.43 0.08 0.00	17.70 0.18 0.00	19.48 0.31 0.00	23.94 0.19 0.00	26.51 0.17 0.00	26.02 -0.19 0.00	39.63 -0.45 0.00	30.68 -0.58 0.00	28.56 -0.51 0.00	23.63 -0.25 0.00	20.77 -0.30 0.00	24.09 -0.02 0.00	31.44 -0.22 0.00	31.31 0.07 0.00
BLUE_CIRC_CHEM_DRP 24182	21.29 0.56 0.00	18.80 0.53 0.00	16.59 0.53 0.00	15.58 0.51 0.00	14.58 0.51 0.00	15.96 0.54 0.00	14.87 0.52 0.00	17.57 0.49 0.00	18.12 0.43 0.00	16.62 0.36 0.00	17.75 0.39 0.00	17.95 0.43 0.00	19.62 0.46 0.00	24.41 0.66 0.00	27.01 0.68 0.00	27.02 0.81 0.00	41.16 1.07 0.00	32.09 0.84 0.00	30.06 1.00 0.00	24.68 0.80 0.00	21.81 0.74 0.00	24.94 0.84 0.00	32.75 1.09 0.00	32.18 0.94 0.00
BOC_GAS_DRP 24189	21.19 0.46 0.00	18.71 0.44 0.00	16.50 0.43 0.00	15.50 0.43 0.00	14.48 0.42 0.00	15.85 0.43 0.00	14.77 0.42 0.00	17.48 0.39 0.00	18.05 0.35 0.00	16.58 0.32 0.00	17.72 0.37 0.00	17.93 0.41 0.00	19.60 0.44 0.00	24.36 0.61 0.00	26.99 0.65 0.00	26.98 0.77 0.00	41.08 1.00 0.00	32.00 0.74 0.00	29.97 0.91 0.00	24.62 0.73 0.00	21.75 0.68 0.00	24.86 0.76 0.00	32.65 0.99 0.00	32.07 0.83 0.00
BOONVILLE_115KV_TB1 79983	21.23 0.50 0.00	18.66 0.39 0.00	16.37 0.30 0.00	15.31 0.24 0.00	14.28 0.22 0.00	15.64 0.22 0.00	14.54 0.20 0.00	17.44 0.36 0.00	18.11 0.41 0.00	16.61 0.35 0.00	17.66 0.31 0.00	17.84 0.33 0.00	19.53 0.37 0.00	24.22 0.47 0.00	26.86 0.52 0.00	26.83 0.62 0.00	41.10 1.02 0.00	32.13 0.88 0.00	29.85 0.78 0.00	24.46 0.57 0.00	21.54 0.47 0.00	24.55 0.45 0.00	32.28 0.62 0.00	31.72 0.49 0.00
BORALEX_4TH_BRANCH 23824	21.70 0.97 0.00	19.21 0.94 0.00	17.01 0.95 0.00	16.05 0.98 0.00	15.01 0.95 0.00	16.47 1.05 0.00	15.29 0.95 0.00	17.99 0.91 0.00	18.45 0.75 0.00	16.84 0.58 0.00	17.97 0.61 0.00	18.14 0.62 0.00	19.79 0.63 0.00	24.70 0.95 0.00	27.31 0.97 0.00	27.44 1.23 0.00	41.80 1.71 0.00	32.46 1.20 0.00	30.52 1.45 0.00	24.99 1.10 0.00	22.07 1.00 0.00	25.33 1.23 0.00	33.35 1.69 0.00	32.84 1.60 0.00
BOWLINE___1 23526	21.74 1.01 0.00	19.13 0.86 0.00	16.85 0.78 0.00	15.83 0.76 0.00	14.76 0.69 0.00	16.14 0.73 0.00	15.02 0.67 0.00	17.87 0.78 0.00	18.51 0.82 0.00	17.05 0.79 0.00	18.31 0.95 0.00	18.60 1.08 0.00	20.35 1.19 0.00	25.29 1.54 0.00	28.11 1.77 0.00	28.10 1.89 0.00	42.67 2.58 0.00	33.22 1.96 0.00	31.10 2.03 0.00	25.58 1.69 0.00	22.57 1.50 0.00	25.76 1.66 0.00	33.81 2.15 0.00	33.06 1.82 0.00
BOWLINE___2 23595	21.74 1.01 0.00	19.13 0.86 0.00	16.85 0.78 0.00	15.83 0.76 0.00	14.76 0.69 0.00	16.14 0.73 0.00	15.02 0.67 0.00	17.87 0.78 0.00	18.51 0.82 0.00	17.05 0.79 0.00	18.31 0.95 0.00	18.60 1.08 0.00	20.35 1.19 0.00	25.29 1.54 0.00	28.11 1.77 0.00	28.10 1.89 0.00	42.67 2.59 0.00	33.22 1.96 0.00	31.10 2.03 0.00	25.58 1.69 0.00	22.57 1.50 0.00	25.77 1.66 0.00	33.81 2.15 0.00	33.06 1.82 0.00
BRADY___115KV_TB2 356060	20.94 0.21 0.00	18.50 0.23 0.00	16.19 0.12 0.00	15.15 0.09 0.00	14.14 0.07 0.00	15.47 0.05 0.00	14.39 0.05 0.00	17.21 0.12 0.00	17.87 0.18 0.00	16.44 0.18 0.00	17.52 0.16 0.00	17.60 0.08 0.00	19.28 0.12 0.00	23.93 0.18 0.00	26.58 0.24 0.00	26.47 0.26 0.00	40.70 0.62 0.00	31.79 0.53 0.00	29.31 0.24 0.00	24.06 0.16 0.00	21.20 0.13 0.00	24.27 0.16 0.00	31.88 0.22 0.00	31.39 0.16 0.00
BRANSCOMB___SOLAR 323811	21.90 1.17 0.00	19.32 1.06 0.00	17.06 0.99 0.00	16.02 0.95 0.00	14.96 0.89 0.00	16.39 0.98 0.00	15.23 0.88 0.00	18.02 0.94 0.00	18.55 0.86 0.00	17.00 0.74 0.00	18.12 0.77 0.00	18.33 0.81 0.00	20.00 0.84 0.00	24.85 1.10 0.00	27.42 1.08 0.00	27.47 1.26 0.00	42.02 1.93 0.00	32.87 1.61 0.00	30.80 1.73 0.00	25.23 1.34 0.00	22.32 1.25 0.00	25.51 1.41 0.00	33.52 1.86 0.00	33.10 1.86 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	22.24 1.51 0.00	19.61 1.34 0.00	17.24 1.17 0.00	16.15 1.08 0.00	15.09 1.02 0.00	16.56 1.14 0.00	15.40 1.05 0.00	18.21 1.12 0.00	18.82 1.13 0.00	17.36 1.10 0.00	28.61 1.39 -9.87	29.67 1.54 -10.62	31.77 1.64 -10.97	35.69 2.09 -9.85	29.80 2.32 -1.13	28.55 2.34 0.00	42.83 2.74 0.00	33.07 1.81 0.00	31.19 2.12 0.00	25.95 2.06 0.00	24.69 2.17 -1.45	57.92 2.30 -31.52	45.99 2.93 -11.40	41.92 2.68 -8.00
BRISTLHL_115KV_TB1 79998	20.52 -0.22 0.00	18.03 -0.24 0.00	15.85 -0.22 0.00	14.86 -0.21 0.00	13.87 -0.20 0.00	15.22 -0.20 0.00	14.16 -0.18 0.00	16.89 -0.20 0.00	17.50 -0.20 0.00	16.06 -0.20 0.00	17.12 -0.24 0.00	17.28 -0.24 0.00	18.91 -0.25 0.00	23.35 -0.40 0.00	25.88 -0.46 0.00	25.78 -0.43 0.00	39.39 -0.70 0.00	30.74 -0.52 0.00	28.63 -0.45 0.00	23.54 -0.34 0.00	20.75 -0.32 0.00	23.75 -0.36 0.00	31.14 -0.52 0.00	30.84 -0.40 0.00
BROOKHAVEN___DRP 24191	21.99 1.25 0.00	19.42 1.15 0.00	17.07 1.00 0.00	15.98 0.91 0.00	14.93 0.87 0.00	16.44 1.02 0.00	15.31 0.96 0.00	18.04 0.95 0.00	18.58 0.88 0.00	17.14 0.88 0.00	28.32 1.10 -9.87	29.38 1.24 -10.62	31.46 1.33 -10.97	35.34 1.73 -9.85	29.46 1.99 -1.13	28.24 2.03 0.00	42.45 2.37 0.00	32.95 1.69 0.00	31.10 2.03 0.00	25.78 1.90 0.00	24.47 1.95 -1.45	57.70 2.07 -31.52	45.66 2.59 -11.40	41.51 2.27 -8.00
BROOKLYN_NAVY_YARD 23515	21.85 1.13 0.00	19.26 0.99 0.00	16.97 0.90 0.00	15.94 0.88 0.00	14.87 0.80 0.00	16.26 0.84 0.00	15.12 0.77 0.00	17.99 0.90 0.00	18.64 0.95 0.00	17.19 0.93 0.00	18.47 1.12 0.00	18.78 1.26 0.00	20.51 1.35 0.00	25.46 1.72 0.00	28.31 1.98 0.00	28.28 2.07 0.00	42.86 2.77 0.00	33.35 2.10 0.00	31.30 2.23 0.00	25.78 1.89 0.00	22.76 1.69 0.00	26.00 1.90 0.00	34.11 2.45 0.00	33.30 2.06 0.00
BROOKLYN___ARMY_DRP 323595	21.98 1.25 0.00	19.35 1.09 0.00	17.05 0.98 0.00	16.01 0.95 0.00	14.93 0.86 0.00	16.32 0.91 0.00	15.18 0.83 0.00	18.06 0.98 0.00	18.73 1.03 0.00	17.28 1.02 0.00	18.57 1.22 0.00	18.88 1.36 0.00	20.61 1.45 0.00	25.58 1.84 0.00	28.44 2.10 0.00	28.44 2.23 0.00	43.01 2.93 0.00	33.49 2.23 0.00	31.45 2.38 0.00	25.94 2.05 0.00	22.90 1.83 0.00	26.14 2.04 0.00	34.25 2.59 0.00	33.42 2.18 0.00

BROOKVLE_69_KV_TB1 55790	22.14 1.41 0.00	19.49 1.22 0.00	17.15 1.08 0.00	16.09 1.02 0.00	15.02 0.95 0.00	16.44 1.03 0.00	15.29 0.94 0.00	18.15 1.06 0.00	18.82 1.12 0.00	17.35 1.10 0.00	28.59 1.37 -9.87	29.65 1.52 -10.62	31.75 1.62 -10.97	35.66 2.06 -9.85	29.73 2.26 -1.13	28.51 2.30 0.00	43.06 3.04 0.06	33.33 2.22 0.14	31.48 2.41 0.00	25.98 2.10 0.00	24.48 1.96 -1.45	57.82 2.19 -31.52	45.94 2.87 -11.40	41.78 2.54 -8.00
BROOME_2_LFGE 323671	20.89 0.15 0.00	18.30 0.03 0.00	16.13 0.06 0.00	15.13 0.06 0.00	14.10 0.04 0.00	15.49 0.07 0.00	14.43 0.08 0.00	17.25 0.16 0.00	17.86 0.16 0.00	16.39 0.13 0.00	17.53 0.18 0.00	17.74 0.23 0.00	19.44 0.28 0.00	24.01 0.26 0.00	26.71 0.38 0.00	26.56 0.34 0.00	40.51 0.42 0.00	31.57 0.31 0.00	29.41 0.34 0.00	24.21 0.32 0.00	21.31 0.24 0.00	24.40 0.30 0.00	32.01 0.34 0.00	31.61 0.37 0.00
BROOME___LFGE 323600	20.89 0.15 0.00	18.30 0.03 0.00	16.13 0.06 0.00	15.13 0.06 0.00	14.10 0.04 0.00	15.49 0.07 0.00	14.43 0.08 0.00	17.25 0.16 0.00	17.86 0.16 0.00	16.39 0.13 0.00	17.53 0.18 0.00	17.74 0.23 0.00	19.44 0.28 0.00	24.01 0.26 0.00	26.71 0.38 0.00	26.56 0.34 0.00	40.51 0.42 0.00	31.57 0.31 0.00	29.41 0.34 0.00	24.21 0.32 0.00	21.31 0.24 0.00	24.40 0.30 0.00	32.01 0.34 0.00	31.61 0.37 0.00
BROWNFLS_115KV_TB_3_5 80003	21.12 0.38 0.00	18.59 0.32 0.00	16.26 0.19 0.00	15.17 0.10 0.00	14.16 0.10 0.00	15.49 0.07 0.00	14.41 0.06 0.00	17.34 0.25 0.00	18.03 0.33 0.00	16.53 0.27 0.00	17.55 0.20 0.00	17.72 0.21 0.00	19.42 0.25 0.00	24.08 0.33 0.00	26.65 0.31 0.00	26.64 0.43 0.00	40.91 0.83 0.00	31.96 0.70 0.00	29.55 0.48 0.00	24.19 0.30 0.00	21.28 0.21 0.00	24.25 0.15 0.00	31.94 0.28 0.00	31.39 0.16 0.00
BROWNSV1_27_KV_LOAD 356125	22.07 1.34 0.00	19.44 1.17 0.00	17.12 1.05 0.00	16.08 1.01 0.00	14.99 0.93 0.00	16.40 0.98 0.00	15.25 0.91 0.00	18.15 1.07 0.00	18.82 1.12 0.00	17.36 1.10 0.00	18.67 1.32 0.00	18.98 1.47 0.00	20.75 1.58 0.00	25.76 2.01 0.00	28.64 2.30 0.00	28.62 2.41 0.00	43.37 3.28 0.00	33.74 2.48 0.00	31.66 2.59 0.00	26.09 2.20 0.00	23.03 1.96 0.00	26.29 2.19 0.00	34.46 2.80 0.00	33.63 2.39 0.00
BURROWS___LYONSDAL 23803	21.26 0.53 0.00	18.68 0.41 0.00	16.37 0.30 0.00	15.29 0.23 0.00	14.27 0.20 0.00	15.62 0.20 0.00	14.52 0.17 0.00	17.45 0.37 0.00	18.13 0.44 0.00	16.62 0.36 0.00	17.65 0.30 0.00	17.84 0.33 0.00	19.53 0.37 0.00	24.24 0.49 0.00	26.86 0.52 0.00	26.84 0.63 0.00	41.13 1.04 0.00	32.15 0.89 0.00	29.84 0.77 0.00	24.44 0.55 0.00	21.51 0.44 0.00	24.48 0.38 0.00	32.22 0.56 0.00	31.66 0.42 0.00
CAITHNESS_CC_1 323624	21.97 1.24 0.00	19.40 1.14 0.00	17.06 0.99 0.00	15.98 0.91 0.00	14.93 0.87 0.00	16.42 1.00 0.00	15.28 0.94 0.00	18.03 0.94 0.00	18.59 0.89 0.00	17.15 0.89 0.00	28.33 1.11 -9.87	29.39 1.25 -10.62	31.46 1.33 -10.97	35.33 1.73 -9.85	29.46 1.99 -1.13	28.23 2.02 0.00	42.42 2.34 0.00	32.92 1.66 0.00	31.07 2.00 0.00	25.76 1.87 0.00	24.45 1.93 -1.45	57.68 2.06 -31.52	45.64 2.57 -11.40	41.50 2.25 -8.00
CALPINE BETH_PAGE_GT4 24209	22.10 1.37 0.00	19.48 1.21 0.00	17.14 1.07 0.00	16.06 0.99 0.00	15.00 0.94 0.00	16.45 1.03 0.00	15.29 0.95 0.00	18.11 1.03 0.00	18.76 1.07 0.00	17.30 1.05 0.00	28.56 1.34 -9.87	29.60 1.47 -10.62	31.62 1.49 -10.97	35.49 1.88 -9.85	29.57 2.10 -1.13	28.33 2.12 0.00	42.64 2.63 0.07	32.98 1.88 0.16	31.24 2.17 0.00	25.86 1.97 0.00	24.43 1.92 -1.45	57.73 2.10 -31.52	45.77 2.71 -11.40	41.76 2.52 -8.00
CALPINE_BETH_PAGE_GT_4 323586	22.10 1.37 0.00	19.48 1.21 0.00	17.14 1.07 0.00	16.06 0.99 0.00	15.00 0.94 0.00	16.45 1.03 0.00	15.29 0.95 0.00	18.11 1.03 0.00	18.76 1.07 0.00	17.30 1.05 0.00	28.56 1.34 -9.87	29.60 1.47 -10.62	31.62 1.49 -10.97	35.48 1.88 -9.85	29.57 2.10 -1.13	28.33 2.12 0.00	42.64 2.62 0.07	32.97 1.88 0.16	31.24 2.17 0.00	25.85 1.97 0.00	24.43 1.92 -1.45	57.73 2.10 -31.52	45.77 2.71 -11.40	41.76 2.52 -8.00
CALPINE_BP_GT1 23823	22.10 1.37 0.00	19.48 1.21 0.00	17.14 1.07 0.00	16.06 0.99 0.00	15.00 0.94 0.00	16.45 1.03 0.00	15.29 0.95 0.00	18.11 1.03 0.00	18.76 1.07 0.00	17.30 1.05 0.00	28.56 1.34 -9.87	29.60 1.47 -10.62	31.62 1.49 -10.97	35.48 1.88 -9.85	29.57 2.10 -1.13	28.33 2.12 0.00	42.64 2.62 0.07	32.97 1.88 0.16	31.24 2.17 0.00	25.85 1.97 0.00	24.43 1.92 -1.45	57.73 2.10 -31.52	45.77 2.71 -11.40	41.76 2.52 -8.00
CALSPAN___DRP 24200	20.41 -0.31 0.00	17.76 -0.51 0.00	15.59 -0.47 0.00	14.60 -0.47 0.00	13.61 -0.45 0.00	15.01 -0.41 0.00	13.95 -0.40 0.00	16.77 -0.31 0.00	17.46 -0.23 0.00	16.08 -0.18 0.00	17.19 -0.17 0.00	17.43 -0.09 0.00	19.23 0.07 0.00	23.62 -0.13 0.00	26.20 -0.14 0.00	25.69 -0.53 0.00	39.19 -0.90 0.00	30.57 -0.69 0.00	28.39 -0.67 0.00	23.46 -0.42 0.00	20.62 -0.45 0.00	23.78 -0.32 0.00	30.98 -0.69 0.00	30.85 -0.39 0.00
CALVERTON___SOLAR 323806	22.02 1.29 0.00	19.46 1.19 0.00	17.09 1.02 0.00	16.00 0.94 0.00	14.96 0.89 0.00	16.47 1.05 0.00	15.34 0.99 0.00	18.07 0.99 0.00	18.60 0.90 0.00	17.16 0.91 0.00	28.35 1.12 -9.87	29.40 1.27 -10.62	31.49 1.36 -10.97	35.38 1.77 -9.85	29.53 2.06 -1.13	28.30 2.09 0.00	42.54 2.46 0.00	33.02 1.77 0.00	31.18 2.11 0.00	25.85 1.97 0.00	24.52 2.00 -1.45	57.75 2.13 -31.52	45.72 2.65 -11.40	41.56 2.32 -8.00
CANDIGU_WT_PWR 323617	20.66 -0.08 0.00	17.94 -0.33 0.00	15.71 -0.35 0.00	14.69 -0.38 0.00	13.72 -0.34 0.00	15.16 -0.25 0.00	14.12 -0.23 0.00	16.92 -0.16 0.00	17.53 -0.17 0.00	16.20 -0.06 0.00	17.37 0.01 0.00	17.61 0.10 0.00	19.37 0.21 0.00	23.86 0.11 0.00	26.58 0.24 0.00	26.17 -0.04 0.00	39.81 -0.28 0.00	30.93 -0.32 0.00	28.72 -0.35 0.00	23.72 -0.17 0.00	20.85 -0.22 0.00	23.98 -0.12 0.00	31.45 -0.21 0.00	31.17 -0.07 0.00
CARR STREET_E_SYR 24060	20.58 -0.15 0.00	18.07 -0.20 0.00	15.90 -0.17 0.00	14.90 -0.17 0.00	13.90 -0.16 0.00	15.26 -0.16 0.00	14.20 -0.15 0.00	16.94 -0.14 0.00	17.56 -0.13 0.00	16.12 -0.13 0.00	17.20 -0.16 0.00	17.38 -0.14 0.00	19.03 -0.13 0.00	23.54 -0.21 0.00	26.11 -0.23 0.00	25.98 -0.24 0.00	39.71 -0.38 0.00	30.97 -0.29 0.00	28.83 -0.24 0.00	23.71 -0.17 0.00	20.89 -0.18 0.00	23.91 -0.19 0.00	31.34 -0.32 0.00	31.02 -0.21 0.00
CARTHAGE___PAPER 23857	21.46 0.73 0.00	18.83 0.57 0.00	16.45 0.38 0.00	15.32 0.25 0.00	14.30 0.23 0.00	15.65 0.23 0.00	14.54 0.20 0.00	17.59 0.51 0.00	18.30 0.60 0.00	16.71 0.45 0.00	17.67 0.32 0.00	17.95 0.43 0.00	19.68 0.51 0.00	24.36 0.61 0.00	26.84 0.50 0.00	26.95 0.74 0.00	41.39 1.30 0.00	32.35 1.09 0.00	30.00 0.92 0.00	24.51 0.63 0.00	21.54 0.47 0.00	24.47 0.36 0.00	32.27 0.61 0.00	31.66 0.42 0.00

CASSADAGA_WT_PWR 323784	20.78 0.05 0.00	17.96 -0.31 0.00	15.83 -0.24 0.00	14.73 -0.34 0.00	13.64 -0.43 0.00	15.07 -0.34 0.00	13.91 -0.44 0.00	16.72 -0.37 0.00	17.54 -0.16 0.00	16.33 0.08 0.00	17.69 0.33 0.00	18.00 0.49 0.00	19.87 0.71 0.00	24.39 0.64 0.00	27.08 0.74 0.00	26.65 0.44 0.00	40.68 0.60 0.00	31.66 0.41 0.00	29.31 0.24 0.00	24.21 0.33 0.00	21.25 0.18 0.00	24.47 0.36 0.00	32.02 0.35 0.00	31.83 0.59 0.00
CE_DUNWOOD___DRP 24194	21.83 1.10 0.00	19.22 0.96 0.00	16.94 0.87 0.00	15.91 0.84 0.00	14.84 0.77 0.00	16.23 0.81 0.00	15.09 0.75 0.00	17.95 0.87 0.00	18.60 0.90 0.00	17.14 0.88 0.00	18.41 1.06 0.00	18.71 1.19 0.00	20.44 1.28 0.00	25.39 1.64 0.00	28.22 1.88 0.00	28.20 1.99 0.00	42.80 2.71 0.00	33.30 2.05 0.00	31.23 2.16 0.00	25.70 1.81 0.00	22.69 1.62 0.00	25.89 1.79 0.00	33.97 2.31 0.00	33.20 1.96 0.00
CE_MILLWOOD___DRP 24193	21.79 1.06 0.00	19.20 0.93 0.00	16.91 0.85 0.00	15.88 0.82 0.00	14.81 0.75 0.00	16.20 0.79 0.00	15.07 0.73 0.00	17.93 0.84 0.00	18.57 0.87 0.00	17.11 0.85 0.00	18.38 1.02 0.00	18.67 1.15 0.00	20.40 1.24 0.00	25.35 1.60 0.00	28.16 1.83 0.00	28.16 1.94 0.00	42.73 2.65 0.00	33.26 2.01 0.00	31.17 2.11 0.00	25.65 1.76 0.00	22.64 1.57 0.00	25.84 1.74 0.00	33.91 2.24 0.00	33.15 1.91 0.00
CE_NYC2_DRP 24202	21.88 1.16 0.00	19.29 1.02 0.00	17.00 0.93 0.00	15.97 0.90 0.00	14.89 0.83 0.00	16.28 0.86 0.00	15.14 0.79 0.00	18.01 0.92 0.00	18.67 0.97 0.00	17.23 0.97 0.00	18.51 1.16 0.00	18.81 1.30 0.00	20.55 1.39 0.00	25.51 1.76 0.00	28.34 2.00 0.00	28.34 2.13 0.00	42.98 2.89 0.00	33.44 2.19 0.00	31.40 2.33 0.00	25.86 1.97 0.00	22.82 1.75 0.00	26.07 1.96 0.00	34.14 2.49 0.00	33.34 2.10 0.00
CE_NYC_DRP 24195	21.88 1.15 0.00	19.29 1.02 0.00	16.99 0.92 0.00	15.96 0.89 0.00	14.89 0.82 0.00	16.28 0.86 0.00	15.14 0.79 0.00	18.01 0.93 0.00	18.66 0.97 0.00	17.21 0.95 0.00	18.50 1.15 0.00	18.81 1.30 0.00	20.54 1.38 0.00	25.50 1.75 0.00	28.35 2.01 0.00	28.34 2.13 0.00	42.93 2.85 0.00	33.41 2.15 0.00	31.35 2.28 0.00	25.82 1.94 0.00	22.80 1.73 0.00	26.03 1.93 0.00	34.12 2.46 0.00	33.32 2.08 0.00
CHAFFEE___LFGE 323603	20.45 -0.27 0.00	17.78 -0.48 0.00	15.61 -0.46 0.00	14.61 -0.46 0.00	13.63 -0.44 0.00	15.02 -0.40 0.00	13.97 -0.38 0.00	16.81 -0.27 0.00	17.50 -0.20 0.00	16.12 -0.14 0.00	17.24 -0.11 0.00	17.48 -0.03 0.00	19.27 0.11 0.00	23.70 -0.05 0.00	26.28 -0.06 0.00	25.78 -0.43 0.00	39.34 -0.75 0.00	30.68 -0.58 0.00	28.51 -0.56 0.00	23.56 -0.33 0.00	20.70 -0.37 0.00	23.89 -0.21 0.00	31.11 -0.55 0.00	30.95 -0.29 0.00
CHATEAUG_35_KV_LOAD 355732	20.99 0.26 0.00	18.57 0.30 0.00	16.27 0.20 0.00	15.16 0.09 0.00	14.17 0.10 0.00	15.49 0.07 0.00	14.44 0.10 0.00	17.30 0.22 0.00	18.01 0.31 0.00	16.56 0.30 0.00	17.66 0.31 0.00	17.78 0.27 0.00	19.43 0.27 0.00	24.18 0.43 0.00	26.82 0.48 0.00	26.80 0.59 0.00	41.12 1.03 0.00	32.19 0.94 0.00	29.70 0.63 0.00	24.17 0.28 0.00	21.35 0.27 0.00	24.49 0.38 0.00	32.17 0.51 0.00	31.65 0.42 0.00
CHATEAUG_WT_PWR 323614	20.99 0.26 0.00	18.57 0.30 0.00	16.27 0.21 0.00	15.17 0.10 0.00	14.17 0.10 0.00	15.49 0.08 0.00	14.45 0.10 0.00	17.31 0.23 0.00	18.02 0.32 0.00	16.57 0.31 0.00	17.66 0.31 0.00	17.80 0.29 0.00	19.45 0.29 0.00	24.21 0.45 0.00	26.84 0.50 0.00	26.84 0.63 0.00	41.17 1.09 0.00	32.24 0.98 0.00	29.73 0.66 0.00	24.18 0.30 0.00	21.35 0.28 0.00	24.48 0.38 0.00	32.16 0.50 0.00	31.67 0.43 0.00
CHAT_HIGH_FALL_HYD 323578	20.99 0.26 0.00	18.57 0.30 0.00	16.27 0.20 0.00	15.16 0.09 0.00	14.17 0.10 0.00	15.49 0.07 0.00	14.45 0.10 0.00	17.30 0.22 0.00	18.01 0.31 0.00	16.56 0.30 0.00	17.66 0.31 0.00	17.78 0.27 0.00	19.43 0.27 0.00	24.18 0.43 0.00	26.82 0.48 0.00	26.80 0.59 0.00	41.12 1.03 0.00	32.19 0.93 0.00	29.70 0.63 0.00	24.17 0.28 0.00	21.35 0.27 0.00	24.49 0.38 0.00	32.17 0.51 0.00	31.65 0.42 0.00
CHAUTAUQUA___LFGE 323629	20.63 -0.10 0.00	17.88 -0.39 0.00	15.75 -0.32 0.00	14.71 -0.35 0.00	13.66 -0.40 0.00	15.08 -0.34 0.00	13.99 -0.36 0.00	16.84 -0.25 0.00	17.56 -0.14 0.00	16.25 -0.01 0.00	17.48 0.13 0.00	17.76 0.24 0.00	19.60 0.44 0.00	24.07 0.32 0.00	26.76 0.42 0.00	26.30 0.09 0.00	40.13 0.04 0.00	31.25 0.00 0.00	28.94 -0.14 0.00	23.89 0.00 0.00	20.98 -0.09 0.00	24.16 0.06 0.00	31.59 -0.08 0.00	31.43 0.19 0.00
CHERRYST_13_KV_LD 356241	21.93 1.20 0.00	19.33 1.07 0.00	17.03 0.96 0.00	16.00 0.93 0.00	14.92 0.86 0.00	16.32 0.90 0.00	15.18 0.83 0.00	18.06 0.98 0.00	18.72 1.02 0.00	17.26 1.00 0.00	18.56 1.20 0.00	18.87 1.35 0.00	20.61 1.45 0.00	25.58 1.83 0.00	28.44 2.10 0.00	28.42 2.21 0.00	43.06 2.98 0.00	33.50 2.25 0.00	31.44 2.37 0.00	25.90 2.01 0.00	22.87 1.80 0.00	26.11 2.00 0.00	34.21 2.55 0.00	33.40 2.16 0.00
CHESTROR_138KV_BK263 355645	21.67 0.94 0.00	19.07 0.81 0.00	16.80 0.74 0.00	15.78 0.71 0.00	14.71 0.65 0.00	16.10 0.68 0.00	14.97 0.63 0.00	17.82 0.73 0.00	18.45 0.75 0.00	16.98 0.73 0.00	18.21 0.86 0.00	18.49 0.97 0.00	20.22 1.06 0.00	25.13 1.38 0.00	27.93 1.59 0.00	27.92 1.70 0.00	42.45 2.36 0.00	33.06 1.81 0.00	30.95 1.88 0.00	25.45 1.56 0.00	22.45 1.38 0.00	25.62 1.52 0.00	33.62 1.96 0.00	32.90 1.66 0.00
CH_MIDHUDSON___DRP 24192	21.82 1.09 0.00	19.24 0.97 0.00	16.96 0.89 0.00	15.93 0.86 0.00	14.85 0.79 0.00	16.24 0.83 0.00	15.11 0.76 0.00	17.96 0.87 0.00	18.60 0.90 0.00	17.13 0.88 0.00	18.38 1.03 0.00	18.66 1.14 0.00	20.38 1.22 0.00	25.33 1.58 0.00	28.12 1.79 0.00	28.13 1.92 0.00	42.78 2.69 0.00	33.33 2.07 0.00	31.24 2.17 0.00	25.69 1.81 0.00	22.68 1.61 0.00	25.87 1.77 0.00	33.92 2.26 0.00	33.16 1.93 0.00
CH_MISC_IPPS 23765	21.93 1.20 0.00	19.32 1.05 0.00	17.02 0.95 0.00	15.98 0.91 0.00	14.90 0.83 0.00	16.30 0.88 0.00	15.16 0.81 0.00	18.04 0.95 0.00	18.69 0.99 0.00	17.22 0.96 0.00	18.47 1.12 0.00	18.75 1.24 0.00	20.50 1.34 0.00	25.49 1.74 0.00	28.33 1.99 0.00	28.34 2.13 0.00	43.10 3.02 0.00	33.60 2.35 0.00	31.48 2.41 0.00	25.89 2.00 0.00	22.85 1.78 0.00	26.07 1.97 0.00	34.18 2.51 0.00	33.39 2.15 0.00
CH_RES_BVR_FALLS 23983	20.58 -0.15 0.00	18.15 -0.11 0.00	15.91 -0.16 0.00	14.88 -0.19 0.00	13.89 -0.18 0.00	15.19 -0.23 0.00	14.13 -0.22 0.00	16.88 -0.21 0.00	17.54 -0.16 0.00	16.14 -0.11 0.00	17.23 -0.13 0.00	17.34 -0.17 0.00	18.99 -0.18 0.00	23.54 -0.21 0.00	26.11 -0.23 0.00	25.98 -0.24 0.00	39.83 -0.25 0.00	31.04 -0.21 0.00	28.67 -0.40 0.00	23.52 -0.37 0.00	20.71 -0.36 0.00	23.61 -0.49 0.00	31.10 -0.56 0.00	30.68 -0.56 0.00

CH_RES_NIAGARA 23895	19.86 -0.87 0.00	17.32 -0.95 0.00	15.19 -0.88 0.00	14.23 -0.84 0.00	13.28 -0.79 0.00	14.63 -0.78 0.00	13.60 -0.75 0.00	16.33 -0.76 0.00	17.00 -0.69 0.00	15.65 -0.61 0.00	16.67 -0.69 0.00	16.87 -0.64 0.00	18.61 -0.55 0.00	22.87 -0.88 0.00	25.29 -1.05 0.00	24.78 -1.43 0.00	37.77 -2.32 0.00	29.53 -1.73 0.00	27.44 -1.63 0.00	22.72 -1.17 0.00	19.97 -1.10 0.00	23.03 -1.08 0.00	29.94 -1.72 0.00	29.89 -1.35 0.00
CH_RES_SYRACUSE 23985	20.68 -0.05 0.00	18.16 -0.11 0.00	15.97 -0.09 0.00	14.97 -0.09 0.00	13.97 -0.09 0.00	15.33 -0.09 0.00	14.27 -0.08 0.00	17.03 -0.06 0.00	17.65 -0.05 0.00	16.20 -0.06 0.00	17.28 -0.07 0.00	17.46 -0.05 0.00	19.12 -0.04 0.00	23.65 -0.10 0.00	26.24 -0.10 0.00	26.12 -0.10 0.00	39.92 -0.16 0.00	31.15 -0.11 0.00	28.99 -0.08 0.00	23.84 -0.04 0.00	21.00 -0.07 0.00	24.04 -0.07 0.00	31.52 -0.15 0.00	31.17 -0.07 0.00
CLINTON_WT_PWR 323605	20.99 0.26 0.00	18.57 0.30 0.00	16.27 0.21 0.00	15.17 0.10 0.00	14.17 0.10 0.00	15.49 0.08 0.00	14.45 0.10 0.00	17.31 0.23 0.00	18.02 0.32 0.00	16.57 0.31 0.00	17.66 0.31 0.00	17.80 0.29 0.00	19.45 0.29 0.00	24.21 0.45 0.00	26.84 0.50 0.00	26.84 0.63 0.00	41.17 1.09 0.00	32.24 0.98 0.00	29.73 0.66 0.00	24.18 0.30 0.00	21.35 0.28 0.00	24.48 0.38 0.00	32.16 0.50 0.00	31.67 0.43 0.00
CLINTON___LFGE 323618	21.22 0.49 0.00	18.75 0.48 0.00	16.43 0.36 0.00	15.31 0.25 0.00	14.30 0.24 0.00	15.64 0.22 0.00	14.58 0.23 0.00	17.48 0.39 0.00	18.21 0.51 0.00	16.73 0.47 0.00	17.83 0.48 0.00	17.98 0.47 0.00	19.63 0.47 0.00	24.46 0.71 0.00	27.13 0.79 0.00	27.18 0.97 0.00	41.70 1.62 0.00	32.70 1.44 0.00	30.17 1.10 0.00	24.53 0.65 0.00	21.66 0.59 0.00	24.82 0.72 0.00	32.57 0.91 0.00	32.05 0.81 0.00
COBBLENY_34_KV_TB1 80064	20.45 -0.27 0.00	17.78 -0.48 0.00	15.61 -0.46 0.00	14.61 -0.45 0.00	13.63 -0.44 0.00	15.02 -0.40 0.00	13.97 -0.38 0.00	16.81 -0.27 0.00	17.51 -0.19 0.00	16.12 -0.14 0.00	17.24 -0.12 0.00	17.49 -0.03 0.00	19.27 0.11 0.00	23.69 -0.06 0.00	26.28 -0.06 0.00	25.78 -0.43 0.00	39.32 -0.76 0.00	30.67 -0.58 0.00	28.51 -0.56 0.00	23.56 -0.32 0.00	20.70 -0.37 0.00	23.89 -0.22 0.00	31.11 -0.55 0.00	30.95 -0.29 0.00
COFFEEN___115KV_TB3 355620	21.56 0.83 0.00	18.89 0.62 0.00	16.50 0.43 0.00	15.35 0.28 0.00	14.33 0.26 0.00	15.69 0.28 0.00	14.59 0.24 0.00	17.67 0.59 0.00	18.38 0.68 0.00	16.74 0.49 0.00	17.72 0.36 0.00	18.08 0.56 0.00	19.76 0.60 0.00	24.42 0.67 0.00	26.80 0.46 0.00	27.02 0.81 0.00	41.49 1.41 0.00	32.46 1.21 0.00	30.18 1.11 0.00	24.67 0.79 0.00	21.67 0.60 0.00	24.60 0.50 0.00	32.42 0.76 0.00	31.81 0.57 0.00
COLDSPRG_115KV_BK1 355956	21.00 0.27 0.00	18.18 -0.08 0.00	16.04 -0.03 0.00	14.99 -0.08 0.00	13.93 -0.14 0.00	15.37 -0.05 0.00	14.27 -0.08 0.00	17.19 0.10 0.00	17.93 0.23 0.00	16.58 0.32 0.00	17.84 0.48 0.00	18.13 0.61 0.00	19.96 0.80 0.00	24.49 0.74 0.00	27.20 0.86 0.00	26.79 0.58 0.00	40.90 0.81 0.00	31.80 0.54 0.00	29.49 0.41 0.00	24.37 0.48 0.00	21.38 0.31 0.00	24.63 0.52 0.00	32.21 0.55 0.00	32.04 0.80 0.00
COLONIE_LFGE___ 323577	21.53 0.79 0.00	19.02 0.75 0.00	16.80 0.74 0.00	15.79 0.73 0.00	14.76 0.70 0.00	16.17 0.75 0.00	15.04 0.69 0.00	17.77 0.68 0.00	18.30 0.61 0.00	16.78 0.52 0.00	17.91 0.55 0.00	18.10 0.59 0.00	19.78 0.62 0.00	24.63 0.87 0.00	27.22 0.88 0.00	27.28 1.07 0.00	41.58 1.50 0.00	32.41 1.15 0.00	30.40 1.33 0.00	24.92 1.04 0.00	22.02 0.95 0.00	25.19 1.09 0.00	33.12 1.45 0.00	32.58 1.34 0.00
COOPERNY_115KV_TB1 80082	21.46 0.73 0.00	18.88 0.61 0.00	16.63 0.56 0.00	15.61 0.54 0.00	14.55 0.49 0.00	15.94 0.52 0.00	14.83 0.48 0.00	17.66 0.57 0.00	18.28 0.59 0.00	16.82 0.56 0.00	18.03 0.67 0.00	18.27 0.76 0.00	19.98 0.82 0.00	24.81 1.06 0.00	27.57 1.23 0.00	27.51 1.30 0.00	41.88 1.80 0.00	32.63 1.37 0.00	30.50 1.43 0.00	25.08 1.19 0.00	22.13 1.05 0.00	25.25 1.15 0.00	33.13 1.47 0.00	32.49 1.25 0.00
COPENHAGEN_WT_PWR 323753	21.35 0.62 0.00	18.71 0.44 0.00	16.32 0.25 0.00	15.16 0.10 0.00	14.15 0.08 0.00	15.49 0.08 0.00	14.40 0.05 0.00	17.48 0.39 0.00	18.19 0.49 0.00	16.61 0.35 0.00	17.60 0.24 0.00	17.90 0.38 0.00	19.59 0.43 0.00	24.22 0.47 0.00	26.65 0.31 0.00	26.78 0.57 0.00	41.08 0.99 0.00	32.07 0.81 0.00	29.76 0.69 0.00	24.28 0.39 0.00	21.30 0.23 0.00	24.16 0.06 0.00	31.91 0.25 0.00	31.35 0.11 0.00
CORNELL___ 23752	21.07 0.34 0.00	18.47 0.20 0.00	16.25 0.18 0.00	15.23 0.16 0.00	14.20 0.14 0.00	15.60 0.18 0.00	14.53 0.18 0.00	17.34 0.26 0.00	17.94 0.24 0.00	16.44 0.18 0.00	17.54 0.18 0.00	17.72 0.21 0.00	19.43 0.26 0.00	24.02 0.27 0.00	26.68 0.34 0.00	26.59 0.37 0.00	40.70 0.61 0.00	31.83 0.57 0.00	29.65 0.59 0.00	24.44 0.56 0.00	21.54 0.47 0.00	24.66 0.56 0.00	32.29 0.63 0.00	31.83 0.59 0.00
CORONA_AV_69_KV_TB1 355595	22.18 1.45 0.00	19.53 1.26 0.00	17.18 1.11 0.00	16.11 1.04 0.00	15.04 0.97 0.00	16.47 1.05 0.00	15.32 0.97 0.00	18.16 1.08 0.00	18.82 1.12 0.00	17.35 1.09 0.00	28.61 1.39 -9.87	29.66 1.52 -10.62	31.74 1.61 -10.97	35.62 2.02 -9.85	29.65 2.18 -1.13	28.46 2.24 0.00	43.01 2.91 -0.02	33.33 2.04 -0.04	31.39 2.32 0.00	25.96 2.08 0.00	24.51 1.99 -1.45	57.86 2.23 -31.52	45.98 2.91 -11.41	41.86 2.62 -8.00
CORTLAND_115KV_TB3 80093	20.94 0.21 0.00	18.37 0.10 0.00	16.17 0.10 0.00	15.15 0.08 0.00	14.13 0.07 0.00	15.51 0.10 0.00	14.44 0.10 0.00	17.24 0.16 0.00	17.85 0.15 0.00	16.37 0.11 0.00	17.47 0.12 0.00	17.66 0.15 0.00	19.34 0.18 0.00	23.93 0.17 0.00	26.58 0.24 0.00	26.47 0.25 0.00	40.49 0.40 0.00	31.61 0.35 0.00	29.45 0.38 0.00	24.24 0.35 0.00	21.37 0.30 0.00	24.45 0.35 0.00	32.05 0.38 0.00	31.62 0.38 0.00
COXSACKIE___GT 23611	21.88 1.15 0.00	19.29 1.02 0.00	17.01 0.94 0.00	15.97 0.90 0.00	14.95 0.89 0.00	16.37 0.96 0.00	15.25 0.91 0.00	17.98 0.89 0.00	18.42 0.72 0.00	16.78 0.52 0.00	17.85 0.50 0.00	18.14 0.62 0.00	19.89 0.73 0.00	24.75 1.00 0.00	27.38 1.04 0.00	27.32 1.11 0.00	41.21 1.13 0.00	32.90 1.65 0.00	31.12 2.05 0.00	25.60 1.71 0.00	22.71 1.64 0.00	26.00 1.90 0.00	34.04 2.38 0.00	33.30 2.06 0.00
CPV_VALLEY___CC1 323721	21.59 0.86 0.00	19.00 0.73 0.00	16.74 0.67 0.00	15.72 0.65 0.00	14.66 0.59 0.00	16.04 0.62 0.00	14.92 0.57 0.00	17.76 0.67 0.00	18.39 0.69 0.00	16.93 0.67 0.00	18.15 0.79 0.00	18.42 0.90 0.00	20.14 0.98 0.00	25.02 1.27 0.00	27.80 1.47 0.00	27.78 1.57 0.00	42.22 2.14 0.00	32.89 1.63 0.00	30.77 1.71 0.00	25.30 1.41 0.00	22.32 1.25 0.00	25.45 1.35 0.00	33.40 1.74 0.00	32.70 1.46 0.00

CPV_VALLEY___CC2 323722	21.59 0.86 0.00	19.00 0.73 0.00	16.74 0.67 0.00	15.72 0.65 0.00	14.66 0.59 0.00	16.04 0.62 0.00	14.92 0.57 0.00	17.76 0.67 0.00	18.39 0.69 0.00	16.93 0.67 0.00	18.15 0.79 0.00	18.42 0.90 0.00	20.14 0.98 0.00	25.02 1.27 0.00	27.80 1.47 0.00	27.78 1.57 0.00	42.22 2.14 0.00	32.89 1.63 0.00	30.77 1.71 0.00	25.30 1.41 0.00	22.32 1.25 0.00	25.45 1.35 0.00	33.40 1.74 0.00	32.70 1.46 0.00
CRESCENT___HYD 24018	21.53 0.79 0.00	19.02 0.75 0.00	16.80 0.74 0.00	15.79 0.73 0.00	14.76 0.70 0.00	16.17 0.75 0.00	15.04 0.69 0.00	17.77 0.68 0.00	18.30 0.61 0.00	16.78 0.52 0.00	17.91 0.55 0.00	18.10 0.59 0.00	19.78 0.62 0.00	24.63 0.87 0.00	27.22 0.88 0.00	27.28 1.07 0.00	41.58 1.50 0.00	32.41 1.15 0.00	30.40 1.33 0.00	24.92 1.04 0.00	22.02 0.95 0.00	25.19 1.09 0.00	33.12 1.45 0.00	32.58 1.34 0.00
CRICKET___VALLEY_CC1 323756	21.60 0.87 0.00	19.11 0.84 0.00	16.86 0.79 0.00	15.84 0.77 0.00	14.76 0.70 0.00	16.15 0.74 0.00	15.02 0.67 0.00	17.81 0.73 0.00	18.44 0.74 0.00	16.98 0.72 0.00	18.20 0.85 0.00	18.44 0.92 0.00	20.09 0.93 0.00	24.96 1.21 0.00	27.68 1.34 0.00	27.68 1.47 0.00	42.09 2.01 0.00	32.79 1.54 0.00	30.77 1.71 0.00	25.27 1.39 0.00	22.32 1.25 0.00	25.44 1.34 0.00	33.38 1.72 0.00	32.67 1.43 0.00
CRICKET___VALLEY_CC2 323757	21.60 0.87 0.00	19.11 0.84 0.00	16.86 0.79 0.00	15.84 0.77 0.00	14.76 0.70 0.00	16.15 0.74 0.00	15.02 0.67 0.00	17.81 0.73 0.00	18.44 0.74 0.00	16.98 0.72 0.00	18.20 0.85 0.00	18.44 0.92 0.00	20.09 0.93 0.00	24.96 1.21 0.00	27.68 1.34 0.00	27.68 1.47 0.00	42.09 2.01 0.00	32.79 1.54 0.00	30.77 1.71 0.00	25.27 1.39 0.00	22.32 1.25 0.00	25.44 1.34 0.00	33.38 1.72 0.00	32.67 1.43 0.00
CRICKET___VALLEY_CC3 323758	21.60 0.87 0.00	19.11 0.84 0.00	16.86 0.79 0.00	15.84 0.77 0.00	14.76 0.70 0.00	16.15 0.74 0.00	15.02 0.67 0.00	17.81 0.73 0.00	18.44 0.74 0.00	16.98 0.72 0.00	18.20 0.85 0.00	18.44 0.92 0.00	20.09 0.93 0.00	24.96 1.21 0.00	27.68 1.34 0.00	27.68 1.47 0.00	42.09 2.01 0.00	32.79 1.54 0.00	30.77 1.71 0.00	25.27 1.39 0.00	22.32 1.25 0.00	25.44 1.34 0.00	33.38 1.72 0.00	32.67 1.43 0.00
CRUCIBLE_METL_DRP 24180	20.68 -0.05 0.00	18.16 -0.11 0.00	15.97 -0.10 0.00	14.97 -0.09 0.00	13.97 -0.09 0.00	15.33 -0.09 0.00	14.27 -0.08 0.00	17.03 -0.06 0.00	17.65 -0.05 0.00	16.20 -0.06 0.00	17.28 -0.07 0.00	17.46 -0.05 0.00	19.12 -0.04 0.00	23.65 -0.10 0.00	26.24 -0.10 0.00	26.12 -0.10 0.00	39.92 -0.16 0.00	31.14 -0.11 0.00	28.99 -0.08 0.00	23.84 -0.04 0.00	21.00 -0.07 0.00	24.04 -0.07 0.00	31.51 -0.15 0.00	31.17 -0.07 0.00
DAHOWA___HYDRO 323763	22.01 1.28 0.00	19.42 1.15 0.00	17.14 1.08 0.00	16.10 1.03 0.00	15.02 0.96 0.00	16.46 1.05 0.00	15.29 0.95 0.00	18.10 1.02 0.00	18.64 0.95 0.00	17.08 0.83 0.00	18.19 0.84 0.00	18.41 0.89 0.00	20.08 0.92 0.00	24.93 1.19 0.00	27.49 1.15 0.00	27.55 1.34 0.00	42.16 2.07 0.00	33.02 1.77 0.00	30.93 1.86 0.00	25.30 1.41 0.00	22.39 1.32 0.00	25.59 1.49 0.00	33.64 1.97 0.00	33.25 2.02 0.00
DANC___LFGE 323619	21.00 0.27 0.00	18.42 0.15 0.00	16.11 0.05 0.00	15.03 -0.04 0.00	14.02 -0.04 0.00	15.37 -0.05 0.00	14.29 -0.06 0.00	17.23 0.14 0.00	17.91 0.21 0.00	16.37 0.12 0.00	17.38 0.03 0.00	17.65 0.13 0.00	19.31 0.15 0.00	23.86 0.11 0.00	26.31 -0.03 0.00	26.35 0.14 0.00	40.36 0.27 0.00	31.50 0.25 0.00	29.27 0.20 0.00	23.96 0.07 0.00	21.06 -0.01 0.00	24.00 -0.10 0.00	31.60 -0.06 0.00	31.14 -0.11 0.00
DANSKAMMER___1 23586	21.93 1.20 0.00	19.32 1.05 0.00	17.02 0.95 0.00	15.98 0.91 0.00	14.90 0.83 0.00	16.30 0.88 0.00	15.16 0.81 0.00	18.04 0.95 0.00	18.69 0.99 0.00	17.22 0.96 0.00	18.47 1.12 0.00	18.75 1.24 0.00	20.50 1.34 0.00	25.49 1.74 0.00	28.33 1.99 0.00	28.34 2.13 0.00	43.10 3.02 0.00	33.60 2.35 0.00	31.48 2.41 0.00	25.89 2.00 0.00	22.85 1.78 0.00	26.07 1.97 0.00	34.18 2.51 0.00	33.39 2.15 0.00
DANSKAMMER___2 23589	21.93 1.20 0.00	19.32 1.05 0.00	17.02 0.95 0.00	15.98 0.91 0.00	14.90 0.83 0.00	16.30 0.88 0.00	15.16 0.81 0.00	18.04 0.95 0.00	18.69 0.99 0.00	17.22 0.96 0.00	18.47 1.12 0.00	18.75 1.24 0.00	20.50 1.34 0.00	25.49 1.74 0.00	28.33 1.99 0.00	28.34 2.13 0.00	43.10 3.02 0.00	33.60 2.35 0.00	31.48 2.41 0.00	25.89 2.00 0.00	22.85 1.78 0.00	26.07 1.97 0.00	34.18 2.51 0.00	33.39 2.15 0.00
DANSKAMMER___3 23590	21.93 1.20 0.00	19.32 1.05 0.00	17.02 0.95 0.00	15.98 0.91 0.00	14.90 0.83 0.00	16.30 0.88 0.00	15.16 0.81 0.00	18.04 0.95 0.00	18.69 0.99 0.00	17.22 0.96 0.00	18.47 1.12 0.00	18.75 1.24 0.00	20.50 1.34 0.00	25.49 1.74 0.00	28.33 1.99 0.00	28.34 2.13 0.00	43.10 3.02 0.00	33.60 2.35 0.00	31.48 2.41 0.00	25.89 2.00 0.00	22.85 1.78 0.00	26.07 1.97 0.00	34.18 2.51 0.00	33.39 2.15 0.00
DANSKAMMER___4 23591	21.93 1.20 0.00	19.32 1.05 0.00	17.02 0.95 0.00	15.98 0.91 0.00	14.90 0.83 0.00	16.30 0.88 0.00	15.16 0.81 0.00	18.04 0.95 0.00	18.69 0.99 0.00	17.22 0.96 0.00	18.47 1.12 0.00	18.75 1.24 0.00	20.50 1.34 0.00	25.49 1.74 0.00	28.33 1.99 0.00	28.34 2.13 0.00	43.10 3.02 0.00	33.60 2.35 0.00	31.48 2.41 0.00	25.89 2.00 0.00	22.85 1.78 0.00	26.07 1.97 0.00	34.18 2.51 0.00	33.39 2.15 0.00
DANSKAMMER___DIESEL 23592	21.93 1.20 0.00	19.32 1.05 0.00	17.02 0.95 0.00	15.98 0.91 0.00	14.90 0.83 0.00	16.30 0.88 0.00	15.16 0.81 0.00	18.04 0.95 0.00	18.68 0.99 0.00	17.22 0.96 0.00	18.47 1.12 0.00	18.75 1.24 0.00	20.50 1.34 0.00	25.50 1.74 0.00	28.33 1.99 0.00	28.34 2.13 0.00	43.10 3.02 0.00	33.60 2.35 0.00	31.48 2.41 0.00	25.89 2.00 0.00	22.85 1.78 0.00	26.07 1.97 0.00	34.17 2.51 0.00	33.39 2.15 0.00
DARBY___SOLAR 323810	21.93 1.20 0.00	19.34 1.08 0.00	17.08 1.01 0.00	16.04 0.97 0.00	14.97 0.91 0.00	16.40 0.99 0.00	15.24 0.90 0.00	18.04 0.96 0.00	18.59 0.90 0.00	17.05 0.79 0.00	18.17 0.81 0.00	18.37 0.86 0.00	20.05 0.89 0.00	24.90 1.15 0.00	27.47 1.13 0.00	27.52 1.31 0.00	42.07 1.98 0.00	32.92 1.66 0.00	30.83 1.76 0.00	25.23 1.34 0.00	22.32 1.25 0.00	25.52 1.41 0.00	33.53 1.86 0.00	33.12 1.88 0.00
DASHVILLE___HYD 23610	21.66 0.93 0.00	19.08 0.81 0.00	16.80 0.73 0.00	15.77 0.70 0.00	14.69 0.63 0.00	16.07 0.66 0.00	14.95 0.60 0.00	17.81 0.72 0.00	18.47 0.77 0.00	17.02 0.77 0.00	18.29 0.94 0.00	18.57 1.06 0.00	20.29 1.13 0.00	25.21 1.46 0.00	28.02 1.68 0.00	28.01 1.80 0.00	42.53 2.45 0.00	33.10 1.85 0.00	31.01 1.94 0.00	25.53 1.64 0.00	22.53 1.46 0.00	25.70 1.60 0.00	33.71 2.05 0.00	32.94 1.70 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	22.52 1.79 0.00	19.89 1.62 0.00	17.45 1.39 0.00	16.34 1.27 0.00	15.27 1.20 0.00	16.82 1.40 0.00	15.67 1.32 0.00	18.48 1.40 0.00	19.04 1.35 0.00	17.63 1.37 0.00	28.87 1.65 -9.87	29.94 1.81 -10.62	32.09 1.96 -10.97	36.11 2.51 -9.85	30.40 2.92 -1.13	29.17 2.95 0.00	43.89 3.80 0.00	34.05 2.80 0.00	32.14 3.07 0.00	26.62 2.73 0.00	24.95 2.43 -1.45	58.26 2.63 -31.52	46.35 3.28 -11.40	42.13 2.88 -8.00
DELAWARE___LFGE 323621	21.35 0.62 0.00	18.78 0.52 0.00	16.52 0.45 0.00	15.50 0.43 0.00	14.46 0.39 0.00	15.85 0.43 0.00	14.75 0.41 0.00	17.59 0.51 0.00	18.23 0.53 0.00	16.76 0.50 0.00	17.93 0.58 0.00	18.14 0.62 0.00	19.85 0.69 0.00	24.58 0.83 0.00	27.31 0.97 0.00	27.20 0.99 0.00	41.46 1.37 0.00	32.31 1.06 0.00	30.15 1.08 0.00	24.81 0.92 0.00	21.89 0.82 0.00	25.02 0.92 0.00	32.81 1.15 0.00	32.25 1.01 0.00
DERFIELD_115KV_TB7 355931	20.77 0.04 0.00	18.30 0.04 0.00	16.10 0.03 0.00	15.11 0.04 0.00	14.10 0.04 0.00	15.45 0.04 0.00	14.38 0.03 0.00	17.12 0.04 0.00	17.73 0.03 0.00	16.27 0.02 0.00	17.37 0.02 0.00	17.55 0.03 0.00	19.20 0.04 0.00	23.80 0.05 0.00	26.39 0.05 0.00	26.29 0.08 0.00	40.16 0.08 0.00	31.32 0.06 0.00	29.18 0.11 0.00	23.98 0.09 0.00	21.15 0.08 0.00	24.18 0.07 0.00	31.76 0.09 0.00	31.33 0.09 0.00
DOGLEVILLE___HYD 23807	20.70 -0.03 0.00	18.20 -0.07 0.00	16.11 0.04 0.00	15.17 0.10 0.00	14.18 0.12 0.00	15.53 0.12 0.00	14.46 0.11 0.00	17.09 0.00 0.00	17.52 -0.18 0.00	16.05 -0.20 0.00	17.18 -0.18 0.00	17.36 -0.15 0.00	18.98 -0.19 0.00	23.65 -0.10 0.00	26.19 -0.15 0.00	26.32 0.11 0.00	40.22 0.13 0.00	31.38 0.12 0.00	29.60 0.53 0.00	24.24 0.35 0.00	21.37 0.30 0.00	24.43 0.33 0.00	31.99 0.33 0.00	31.40 0.16 0.00
DUNKIRK___115KV_TB_200 55889	20.61 -0.13 0.00	17.86 -0.41 0.00	15.74 -0.33 0.00	14.71 -0.36 0.00	13.67 -0.40 0.00	15.08 -0.34 0.00	14.00 -0.35 0.00	16.85 -0.23 0.00	17.57 -0.13 0.00	16.23 -0.03 0.00	17.45 0.09 0.00	17.71 0.20 0.00	19.55 0.39 0.00	24.00 0.25 0.00	26.70 0.36 0.00	26.24 0.03 0.00	40.03 -0.06 0.00	31.18 -0.08 0.00	28.88 -0.19 0.00	23.84 -0.05 0.00	20.93 -0.14 0.00	24.11 0.01 0.00	31.50 -0.16 0.00	31.37 0.13 0.00
DUNKIRK___1 23563	20.61 -0.13 0.00	17.86 -0.41 0.00	15.74 -0.33 0.00	14.71 -0.36 0.00	13.67 -0.40 0.00	15.08 -0.34 0.00	14.00 -0.35 0.00	16.85 -0.23 0.00	17.57 -0.13 0.00	16.23 -0.03 0.00	17.45 0.09 0.00	17.71 0.20 0.00	19.55 0.39 0.00	24.00 0.25 0.00	26.70 0.36 0.00	26.24 0.03 0.00	40.03 -0.06 0.00	31.18 -0.08 0.00	28.88 -0.19 0.00	23.84 -0.05 0.00	20.93 -0.14 0.00	24.11 0.01 0.00	31.50 -0.16 0.00	31.37 0.13 0.00
DUNKIRK___2 23564	20.61 -0.13 0.00	17.86 -0.41 0.00	15.74 -0.33 0.00	14.71 -0.36 0.00	13.67 -0.40 0.00	15.08 -0.34 0.00	14.00 -0.35 0.00	16.85 -0.23 0.00	17.57 -0.13 0.00	16.23 -0.03 0.00	17.45 0.09 0.00	17.71 0.20 0.00	19.55 0.39 0.00	24.00 0.25 0.00	26.70 0.36 0.00	26.24 0.03 0.00	40.03 -0.06 0.00	31.18 -0.08 0.00	28.88 -0.19 0.00	23.84 -0.05 0.00	20.93 -0.14 0.00	24.11 0.01 0.00	31.50 -0.16 0.00	31.37 0.13 0.00
DUNKIRK___3 23565	20.52 -0.21 0.00	17.81 -0.46 0.00	15.68 -0.39 0.00	14.67 -0.39 0.00	13.65 -0.42 0.00	15.05 -0.36 0.00	13.99 -0.36 0.00	16.84 -0.25 0.00	17.53 -0.16 0.00	16.17 -0.09 0.00	17.35 -0.01 0.00	17.60 0.08 0.00	19.41 0.25 0.00	23.83 0.08 0.00	26.51 0.17 0.00	26.04 -0.18 0.00	39.71 -0.37 0.00	30.94 -0.32 0.00	28.67 -0.40 0.00	23.68 -0.21 0.00	20.79 -0.28 0.00	23.95 -0.15 0.00	31.29 -0.37 0.00	31.17 -0.07 0.00
DUNKIRK___4 23566	20.52 -0.21 0.00	17.81 -0.46 0.00	15.68 -0.39 0.00	14.67 -0.39 0.00	13.65 -0.42 0.00	15.05 -0.36 0.00	13.99 -0.36 0.00	16.84 -0.25 0.00	17.53 -0.16 0.00	16.17 -0.09 0.00	17.35 -0.01 0.00	17.60 0.08 0.00	19.41 0.25 0.00	23.83 0.08 0.00	26.51 0.17 0.00	26.04 -0.18 0.00	39.71 -0.37 0.00	30.94 -0.32 0.00	28.67 -0.40 0.00	23.68 -0.21 0.00	20.79 -0.28 0.00	23.95 -0.15 0.00	31.29 -0.37 0.00	31.17 -0.07 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	21.86 1.13 0.00	19.26 0.99 0.00	16.96 0.90 0.00	15.93 0.86 0.00	14.86 0.80 0.00	16.26 0.84 0.00	15.12 0.77 0.00	17.98 0.90 0.00	18.63 0.93 0.00	17.17 0.91 0.00	18.45 1.10 0.00	18.75 1.24 0.00	20.48 1.32 0.00	25.44 1.69 0.00	28.27 1.93 0.00	28.26 2.04 0.00	42.86 2.78 0.00	33.36 2.10 0.00	31.28 2.21 0.00	25.75 1.86 0.00	22.73 1.66 0.00	25.95 1.85 0.00	34.04 2.37 0.00	33.26 2.02 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	21.78 1.05 0.00	19.17 0.91 0.00	16.89 0.82 0.00	15.85 0.79 0.00	14.78 0.72 0.00	16.17 0.76 0.00	15.05 0.70 0.00	17.90 0.82 0.00	18.55 0.85 0.00	17.09 0.83 0.00	18.32 0.97 0.00	18.60 1.09 0.00	20.34 1.18 0.00	25.28 1.53 0.00	28.11 1.77 0.00	28.10 1.89 0.00	42.73 2.64 0.00	33.30 2.04 0.00	31.18 2.11 0.00	25.65 1.76 0.00	22.63 1.56 0.00	25.82 1.72 0.00	33.87 2.21 0.00	33.12 1.88 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	21.82 1.09 0.00	19.23 0.96 0.00	16.95 0.88 0.00	15.91 0.85 0.00	14.84 0.77 0.00	16.22 0.81 0.00	15.07 0.73 0.00	17.94 0.85 0.00	18.61 0.91 0.00	17.17 0.91 0.00	18.45 1.10 0.00	18.72 1.21 0.00	20.47 1.30 0.00	25.38 1.63 0.00	28.20 1.86 0.00	28.21 2.00 0.00	42.78 2.70 0.00	33.31 2.06 0.00	31.29 2.22 0.00	25.75 1.86 0.00	22.72 1.65 0.00	25.96 1.86 0.00	34.00 2.33 0.00	33.19 1.95 0.00
E179THST_13_KV_LOAD 356214	21.91 1.19 0.00	19.31 1.04 0.00	17.02 0.95 0.00	15.98 0.91 0.00	14.89 0.83 0.00	16.29 0.87 0.00	15.13 0.78 0.00	18.00 0.92 0.00	18.68 0.98 0.00	17.24 0.98 0.00	18.53 1.18 0.00	18.81 1.29 0.00	20.57 1.41 0.00	25.51 1.76 0.00	28.34 2.00 0.00	28.34 2.13 0.00	42.99 2.90 0.00	33.48 2.22 0.00	31.44 2.37 0.00	25.87 1.98 0.00	22.82 1.75 0.00	26.08 1.98 0.00	34.15 2.49 0.00	33.33 2.10 0.00
EAST HAMPTON___GT 23717	22.79 2.06 0.00	20.11 1.84 0.00	17.65 1.59 0.00	16.53 1.46 0.00	15.44 1.38 0.00	17.00 1.59 0.00	15.85 1.50 0.00	18.71 1.62 0.00	19.28 1.58 0.00	17.86 1.60 0.00	29.13 1.91 -9.87	30.21 2.08 -10.62	32.38 2.25 -10.97	36.44 2.84 -9.85	30.79 3.32 -1.13	29.56 3.35 0.00	44.52 4.44 0.00	34.54 3.28 0.00	32.59 3.52 0.00	26.99 3.10 0.00	25.32 2.80 -1.45	58.66 3.04 -31.52	46.84 3.78 -11.40	42.59 3.35 -8.00
EAST RIVER___6 23660	21.85 1.12 0.00	19.28 1.01 0.00	16.99 0.93 0.00	15.98 0.91 0.00	14.89 0.83 0.00	16.28 0.87 0.00	15.15 0.81 0.00	18.01 0.93 0.00	18.65 0.95 0.00	17.22 0.96 0.00	18.49 1.13 0.00	18.80 1.29 0.00	20.52 1.36 0.00	25.46 1.71 0.00	28.31 1.97 0.00	28.31 2.10 0.00	42.87 2.79 0.00	33.36 2.10 0.00	31.30 2.23 0.00	25.79 1.91 0.00	22.78 1.71 0.00	26.00 1.90 0.00	34.08 2.42 0.00	33.30 2.06 0.00

EAST RIVER___7 23524	21.85 1.12 0.00	19.28 1.01 0.00	16.99 0.93 0.00	15.98 0.91 0.00	14.89 0.83 0.00	16.28 0.87 0.00	15.15 0.81 0.00	18.01 0.93 0.00	18.65 0.95 0.00	17.22 0.96 0.00	18.49 1.13 0.00	18.80 1.29 0.00	20.52 1.36 0.00	25.46 1.71 0.00	28.31 1.97 0.00	28.31 2.10 0.00	42.87 2.79 0.00	33.36 2.10 0.00	31.30 2.23 0.00	25.79 1.91 0.00	22.78 1.71 0.00	26.00 1.90 0.00	34.08 2.42 0.00	33.30 2.06 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	21.83 1.10 0.00	19.22 0.96 0.00	16.94 0.87 0.00	15.91 0.84 0.00	14.84 0.77 0.00	16.23 0.81 0.00	15.09 0.75 0.00	17.95 0.87 0.00	18.60 0.90 0.00	17.14 0.88 0.00	18.41 1.06 0.00	18.71 1.19 0.00	20.44 1.28 0.00	25.39 1.64 0.00	28.22 1.88 0.00	28.20 1.99 0.00	42.80 2.71 0.00	33.30 2.05 0.00	31.23 2.16 0.00	25.70 1.81 0.00	22.69 1.62 0.00	25.89 1.79 0.00	33.97 2.31 0.00	33.20 1.96 0.00
EAST_HAMPTON___DIESEL 23722	22.79 2.06 0.00	20.11 1.84 0.00	17.65 1.59 0.00	16.53 1.46 0.00	15.44 1.38 0.00	17.00 1.59 0.00	15.85 1.50 0.00	18.71 1.63 0.00	19.28 1.58 0.00	17.86 1.60 0.00	29.14 1.91 -9.87	30.21 2.08 -10.62	32.39 2.25 -10.97	36.44 2.84 -9.85	30.79 3.32 -1.13	29.57 3.36 0.00	44.52 4.44 0.00	34.55 3.29 0.00	32.60 3.53 0.00	26.99 3.11 0.00	25.32 2.80 -1.45	58.66 3.04 -31.52	46.84 3.78 -11.40	42.59 3.35 -8.00
EAST_PULASKI___ESR 323781	20.68 -0.05 0.00	18.15 -0.11 0.00	15.93 -0.13 0.00	14.90 -0.16 0.00	13.91 -0.16 0.00	15.26 -0.16 0.00	14.19 -0.15 0.00	17.00 -0.09 0.00	17.64 -0.05 0.00	16.16 -0.10 0.00	17.20 -0.15 0.00	17.41 -0.11 0.00	19.05 -0.11 0.00	23.52 -0.23 0.00	26.00 -0.34 0.00	25.96 -0.26 0.00	39.69 -0.39 0.00	30.98 -0.27 0.00	28.83 -0.23 0.00	23.67 -0.21 0.00	20.85 -0.22 0.00	23.85 -0.26 0.00	31.31 -0.35 0.00	30.95 -0.29 0.00
EAST_RIVER___1 323558	21.88 1.15 0.00	19.29 1.02 0.00	16.99 0.92 0.00	15.96 0.89 0.00	14.89 0.82 0.00	16.28 0.86 0.00	15.14 0.79 0.00	18.01 0.93 0.00	18.67 0.97 0.00	17.22 0.96 0.00	18.50 1.15 0.00	18.81 1.30 0.00	20.54 1.38 0.00	25.50 1.75 0.00	28.35 2.01 0.00	28.34 2.13 0.00	42.93 2.84 0.00	33.41 2.15 0.00	31.35 2.28 0.00	25.82 1.94 0.00	22.80 1.73 0.00	26.03 1.93 0.00	34.12 2.46 0.00	33.32 2.08 0.00
EAST_RIVER___2 323559	21.85 1.12 0.00	19.28 1.01 0.00	16.99 0.93 0.00	15.98 0.91 0.00	14.89 0.83 0.00	16.28 0.87 0.00	15.15 0.81 0.00	18.01 0.93 0.00	18.65 0.95 0.00	17.22 0.96 0.00	18.49 1.13 0.00	18.80 1.29 0.00	20.52 1.36 0.00	25.46 1.71 0.00	28.31 1.97 0.00	28.31 2.10 0.00	42.87 2.79 0.00	33.36 2.10 0.00	31.30 2.23 0.00	25.79 1.91 0.00	22.78 1.71 0.00	26.00 1.90 0.00	34.08 2.42 0.00	33.30 2.06 0.00
EAST___DELAWARE_HYD 23607	21.22 0.50 0.00	18.66 0.39 0.00	16.42 0.35 0.00	15.41 0.34 0.00	14.36 0.30 0.00	15.72 0.30 0.00	14.62 0.27 0.00	17.42 0.33 0.00	18.05 0.35 0.00	16.61 0.35 0.00	17.80 0.44 0.00	18.05 0.54 0.00	19.72 0.56 0.00	24.51 0.76 0.00	27.25 0.91 0.00	27.28 1.07 0.00	41.53 1.44 0.00	32.46 1.20 0.00	30.43 1.36 0.00	25.05 1.16 0.00	22.13 1.06 0.00	25.24 1.14 0.00	33.08 1.42 0.00	32.28 1.04 0.00
EIGHT_POINT___WT_PWR 323820	20.81 0.08 0.00	18.00 -0.26 0.00	15.77 -0.30 0.00	14.72 -0.35 0.00	13.71 -0.36 0.00	15.16 -0.25 0.00	14.17 -0.18 0.00	16.91 -0.18 0.00	17.50 -0.19 0.00	16.28 0.02 0.00	17.44 0.08 0.00	17.71 0.19 0.00	19.51 0.35 0.00	24.07 0.32 0.00	26.82 0.48 0.00	26.41 0.20 0.00	40.00 -0.09 0.00	30.96 -0.29 0.00	28.71 -0.36 0.00	23.81 -0.08 0.00	20.95 -0.12 0.00	24.13 0.02 0.00	31.63 -0.03 0.00	31.48 0.24 0.00
ELBRIDGE_115KV_TB2 80188	20.59 -0.14 0.00	18.08 -0.19 0.00	15.91 -0.16 0.00	14.91 -0.15 0.00	13.92 -0.15 0.00	15.27 -0.15 0.00	14.21 -0.13 0.00	16.96 -0.12 0.00	17.58 -0.12 0.00	16.13 -0.12 0.00	17.21 -0.15 0.00	17.38 -0.13 0.00	19.04 -0.12 0.00	23.53 -0.22 0.00	26.11 -0.22 0.00	25.98 -0.24 0.00	39.70 -0.38 0.00	30.98 -0.28 0.00	28.84 -0.24 0.00	23.72 -0.16 0.00	20.91 -0.17 0.00	23.93 -0.17 0.00	31.36 -0.30 0.00	31.04 -0.20 0.00
ELEC_TRO_TEK 24086	22.04 1.31 0.00	19.42 1.16 0.00	17.09 1.02 0.00	16.02 0.95 0.00	14.95 0.89 0.00	16.39 0.97 0.00	15.24 0.89 0.00	18.07 0.98 0.00	18.72 1.02 0.00	17.25 1.00 0.00	28.51 1.28 -9.87	29.54 1.41 -10.62	31.61 1.48 -10.97	35.48 1.87 -9.85	29.55 2.08 -1.13	28.34 2.13 0.00	42.77 2.71 0.02	33.14 1.94 0.06	31.26 2.19 0.00	25.84 1.96 0.00	24.40 1.88 -1.45	57.72 2.09 -31.52	45.75 2.68 -11.41	41.63 2.39 -8.00
ELLENBURG_WT_PWR 323604	20.99 0.26 0.00	18.57 0.30 0.00	16.27 0.21 0.00	15.17 0.10 0.00	14.17 0.10 0.00	15.49 0.08 0.00	14.45 0.10 0.00	17.31 0.23 0.00	18.02 0.32 0.00	16.57 0.31 0.00	17.66 0.31 0.00	17.80 0.29 0.00	19.45 0.29 0.00	24.21 0.45 0.00	26.84 0.50 0.00	26.84 0.63 0.00	41.17 1.09 0.00	32.24 0.98 0.00	29.73 0.66 0.00	24.18 0.30 0.00	21.35 0.28 0.00	24.48 0.38 0.00	32.16 0.50 0.00	31.67 0.43 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	20.32 -0.41 0.00	17.69 -0.58 0.00	15.53 -0.54 0.00	14.54 -0.52 0.00	13.56 -0.50 0.00	14.95 -0.47 0.00	13.90 -0.45 0.00	16.70 -0.39 0.00	17.39 -0.30 0.00	16.01 -0.24 0.00	17.11 -0.25 0.00	17.33 -0.18 0.00	19.12 -0.04 0.00	23.48 -0.27 0.00	26.04 -0.30 0.00	25.54 -0.67 0.00	38.96 -1.13 0.00	30.40 -0.86 0.00	28.24 -0.84 0.00	23.34 -0.54 0.00	20.51 -0.56 0.00	23.65 -0.45 0.00	30.80 -0.86 0.00	30.70 -0.54 0.00
EMPIRE_CC_1 323656	21.18 0.45 0.00	18.77 0.50 0.00	16.58 0.51 0.00	15.59 0.53 0.00	14.57 0.51 0.00	15.95 0.53 0.00	14.85 0.50 0.00	17.49 0.40 0.00	18.01 0.32 0.00	16.54 0.28 0.00	17.63 0.28 0.00	17.82 0.30 0.00	19.47 0.31 0.00	24.25 0.50 0.00	26.83 0.48 0.00	26.88 0.67 0.00	40.88 0.79 0.00	31.84 0.59 0.00	29.87 0.80 0.00	24.52 0.63 0.00	21.67 0.60 0.00	24.78 0.68 0.00	32.59 0.92 0.00	32.01 0.77 0.00
EMPIRE_CC_2 323658	21.18 0.45 0.00	18.77 0.50 0.00	16.58 0.51 0.00	15.59 0.53 0.00	14.57 0.51 0.00	15.95 0.53 0.00	14.85 0.50 0.00	17.49 0.40 0.00	18.01 0.32 0.00	16.54 0.28 0.00	17.63 0.28 0.00	17.82 0.30 0.00	19.47 0.31 0.00	24.25 0.50 0.00	26.83 0.48 0.00	26.88 0.67 0.00	40.88 0.79 0.00	31.84 0.59 0.00	29.87 0.80 0.00	24.52 0.63 0.00	21.67 0.60 0.00	24.78 0.68 0.00	32.59 0.92 0.00	32.01 0.77 0.00
ENORWICH_115KV_TB1 80156	22.02 1.29 0.00	19.26 0.99 0.00	16.93 0.86 0.00	15.82 0.76 0.00	14.73 0.66 0.00	16.20 0.79 0.00	15.10 0.75 0.00	18.04 0.96 0.00	18.64 0.94 0.00	17.02 0.76 0.00	18.19 0.84 0.00	18.38 0.87 0.00	20.12 0.95 0.00	24.84 1.09 0.00	27.66 1.32 0.00	27.61 1.40 0.00	42.49 2.41 0.00	33.34 2.09 0.00	31.12 2.05 0.00	25.73 1.84 0.00	22.71 1.63 0.00	25.98 1.87 0.00	33.90 2.24 0.00	33.07 1.84 0.00

ERIE_ST__34_KV_TB1-2 80199	20.52 -0.22 0.00	17.85 -0.42 0.00	15.68 -0.39 0.00	14.68 -0.39 0.00	13.68 -0.38 0.00	15.08 -0.34 0.00	14.02 -0.33 0.00	16.88 -0.21 0.00	17.55 -0.15 0.00	16.16 -0.10 0.00	17.27 -0.08 0.00	17.53 0.01 0.00	19.33 0.17 0.00	23.76 0.01 0.00	26.36 0.02 0.00	25.87 -0.34 0.00	39.52 -0.57 0.00	30.84 -0.42 0.00	28.63 -0.43 0.00	23.65 -0.24 0.00	20.77 -0.30 0.00	23.95 -0.15 0.00	31.20 -0.46 0.00	31.06 -0.18 0.00
ERIE_WT_PWR 323693	20.43 -0.30 0.00	17.77 -0.50 0.00	15.60 -0.47 0.00	14.61 -0.46 0.00	13.62 -0.44 0.00	15.02 -0.40 0.00	13.96 -0.38 0.00	16.79 -0.30 0.00	17.47 -0.23 0.00	16.09 -0.17 0.00	17.20 -0.15 0.00	17.44 -0.08 0.00	19.24 0.08 0.00	23.63 -0.12 0.00	26.21 -0.13 0.00	25.69 -0.52 0.00	39.20 -0.89 0.00	30.56 -0.69 0.00	28.39 -0.68 0.00	23.47 -0.42 0.00	20.63 -0.44 0.00	23.79 -0.31 0.00	30.98 -0.68 0.00	30.86 -0.38 0.00
ESPRGFLD_115KV_TB1 80157	21.94 1.22 0.00	19.28 1.01 0.00	16.87 0.81 0.00	15.77 0.71 0.00	14.69 0.62 0.00	16.12 0.70 0.00	15.00 0.66 0.00	18.02 0.94 0.00	18.76 1.06 0.00	17.26 1.01 0.00	18.45 1.10 0.00	18.60 1.09 0.00	20.38 1.22 0.00	25.15 1.40 0.00	27.95 1.61 0.00	27.70 1.48 0.00	42.35 2.26 0.00	33.18 1.92 0.00	30.66 1.59 0.00	25.27 1.38 0.00	22.26 1.19 0.00	25.47 1.36 0.00	33.40 1.74 0.00	32.82 1.58 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	21.05 0.32 0.00	18.45 0.19 0.00	16.24 0.17 0.00	15.22 0.15 0.00	14.19 0.13 0.00	15.58 0.17 0.00	14.52 0.17 0.00	17.33 0.24 0.00	17.92 0.23 0.00	16.42 0.17 0.00	17.53 0.17 0.00	17.71 0.19 0.00	19.41 0.24 0.00	23.99 0.24 0.00	26.65 0.31 0.00	26.56 0.35 0.00	40.65 0.57 0.00	31.79 0.53 0.00	29.62 0.55 0.00	24.41 0.53 0.00	21.52 0.44 0.00	24.63 0.53 0.00	32.26 0.59 0.00	31.80 0.56 0.00
ETNA____115KV_TB2 80207	21.05 0.32 0.00	18.45 0.19 0.00	16.24 0.17 0.00	15.22 0.15 0.00	14.19 0.13 0.00	15.58 0.17 0.00	14.52 0.17 0.00	17.33 0.24 0.00	17.92 0.23 0.00	16.42 0.17 0.00	17.53 0.17 0.00	17.71 0.19 0.00	19.41 0.24 0.00	23.99 0.24 0.00	26.65 0.31 0.00	26.56 0.35 0.00	40.65 0.57 0.00	31.79 0.53 0.00	29.62 0.55 0.00	24.41 0.53 0.00	21.52 0.44 0.00	24.63 0.53 0.00	32.26 0.59 0.00	31.80 0.56 0.00
EUCLID____115KV_TB2 356179	20.50 -0.24 0.00	18.01 -0.26 0.00	15.83 -0.24 0.00	14.84 -0.23 0.00	13.85 -0.21 0.00	15.20 -0.22 0.00	14.14 -0.21 0.00	16.87 -0.21 0.00	17.49 -0.21 0.00	16.05 -0.20 0.00	17.12 -0.23 0.00	17.29 -0.23 0.00	18.93 -0.23 0.00	23.41 -0.34 0.00	25.96 -0.37 0.00	25.83 -0.38 0.00	39.47 -0.61 0.00	30.80 -0.46 0.00	28.67 -0.40 0.00	23.58 -0.31 0.00	20.78 -0.30 0.00	23.78 -0.32 0.00	31.18 -0.48 0.00	30.87 -0.37 0.00
E_CANADA_CAP_HY 24051	22.28 1.54 0.00	19.59 1.33 0.00	17.15 1.08 0.00	16.02 0.95 0.00	14.92 0.86 0.00	16.38 0.97 0.00	15.23 0.89 0.00	18.28 1.20 0.00	19.02 1.32 0.00	17.49 1.24 0.00	18.67 1.32 0.00	18.79 1.27 0.00	20.57 1.41 0.00	25.41 1.66 0.00	28.19 1.85 0.00	27.91 1.70 0.00	42.76 2.67 0.00	33.60 2.35 0.00	30.94 1.87 0.00	25.50 1.62 0.00	22.45 1.38 0.00	25.70 1.60 0.00	33.79 2.13 0.00	33.22 1.98 0.00
E_CANADA_MHWK_HY 24050	20.70 -0.03 0.00	18.20 -0.07 0.00	16.11 0.04 0.00	15.17 0.10 0.00	14.18 0.12 0.00	15.53 0.12 0.00	14.46 0.11 0.00	17.09 0.00 0.00	17.52 -0.18 0.00	16.05 -0.20 0.00	17.18 -0.18 0.00	17.36 -0.15 0.00	18.98 -0.19 0.00	23.65 -0.10 0.00	26.19 -0.15 0.00	26.32 0.11 0.00	40.22 0.13 0.00	31.38 0.12 0.00	29.60 0.53 0.00	24.24 0.35 0.00	21.37 0.30 0.00	24.43 0.33 0.00	31.99 0.33 0.00	31.40 0.16 0.00
E_FISHKILL____LBMP 23776	21.71 0.98 0.00	19.15 0.88 0.00	16.88 0.81 0.00	15.85 0.79 0.00	14.78 0.72 0.00	16.17 0.75 0.00	15.04 0.69 0.00	17.87 0.79 0.00	18.50 0.81 0.00	17.05 0.79 0.00	18.29 0.94 0.00	18.56 1.05 0.00	20.27 1.11 0.00	25.19 1.44 0.00	27.97 1.63 0.00	27.95 1.74 0.00	42.46 2.37 0.00	33.06 1.80 0.00	30.99 1.92 0.00	25.49 1.61 0.00	22.51 1.44 0.00	25.68 1.58 0.00	33.70 2.04 0.00	32.96 1.72 0.00
FALCON____SEABRD_CC1 323796	21.18 0.44 0.00	18.72 0.45 0.00	16.41 0.34 0.00	15.29 0.23 0.00	14.29 0.22 0.00	15.62 0.21 0.00	14.56 0.21 0.00	17.45 0.37 0.00	18.17 0.47 0.00	16.71 0.45 0.00	17.81 0.46 0.00	17.96 0.45 0.00	19.61 0.45 0.00	24.43 0.68 0.00	27.10 0.76 0.00	27.14 0.93 0.00	41.60 1.52 0.00	32.62 1.36 0.00	30.06 1.00 0.00	24.42 0.53 0.00	21.56 0.49 0.00	24.70 0.60 0.00	32.44 0.78 0.00	31.96 0.72 0.00
FALCON____SEABRD_CC2 323797	21.18 0.44 0.00	18.72 0.45 0.00	16.41 0.34 0.00	15.29 0.23 0.00	14.29 0.22 0.00	15.62 0.21 0.00	14.56 0.21 0.00	17.45 0.37 0.00	18.17 0.47 0.00	16.71 0.45 0.00	17.81 0.46 0.00	17.96 0.45 0.00	19.61 0.45 0.00	24.43 0.68 0.00	27.10 0.76 0.00	27.14 0.93 0.00	41.60 1.52 0.00	32.62 1.36 0.00	30.06 1.00 0.00	24.42 0.53 0.00	21.56 0.49 0.00	24.70 0.60 0.00	32.44 0.78 0.00	31.96 0.72 0.00
FAR ROCKAWAY____4 23548	22.33 1.59 0.00	19.65 1.39 0.00	17.28 1.21 0.00	16.20 1.13 0.00	15.12 1.05 0.00	16.57 1.15 0.00	15.40 1.06 0.00	18.27 1.18 0.00	18.94 1.24 0.00	17.46 1.20 0.00	28.74 1.52 -9.87	29.79 1.66 -10.62	31.89 1.76 -10.97	35.77 2.17 -9.85	29.67 2.20 -1.13	28.48 2.27 0.00	43.06 2.96 -0.02	33.20 1.90 -0.04	31.38 2.31 0.00	26.00 2.11 0.00	24.54 2.02 -1.45	57.89 2.26 -31.52	46.19 3.12 -11.41	42.13 2.88 -8.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	21.89 1.16 0.00	19.29 1.03 0.00	16.99 0.93 0.00	15.96 0.90 0.00	14.89 0.83 0.00	16.28 0.87 0.00	15.14 0.79 0.00	18.02 0.93 0.00	18.67 0.98 0.00	17.23 0.97 0.00	18.51 1.16 0.00	18.82 1.31 0.00	20.56 1.39 0.00	25.52 1.77 0.00	28.37 2.03 0.00	28.36 2.14 0.00	42.97 2.88 0.00	33.43 2.17 0.00	31.37 2.30 0.00	25.84 1.95 0.00	22.81 1.74 0.00	26.05 1.95 0.00	34.15 2.49 0.00	33.34 2.10 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	21.91 1.18 0.00	19.31 1.04 0.00	17.01 0.94 0.00	15.98 0.91 0.00	14.90 0.83 0.00	16.30 0.88 0.00	15.15 0.80 0.00	18.03 0.95 0.00	18.69 0.99 0.00	17.23 0.98 0.00	18.52 1.17 0.00	18.84 1.32 0.00	20.58 1.41 0.00	25.54 1.79 0.00	28.40 2.06 0.00	28.38 2.17 0.00	43.00 2.92 0.00	33.46 2.20 0.00	31.40 2.33 0.00	25.86 1.98 0.00	22.83 1.76 0.00	26.07 1.97 0.00	34.17 2.51 0.00	33.37 2.13 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	21.89 1.16 0.00	19.29 1.02 0.00	16.99 0.92 0.00	15.96 0.90 0.00	14.89 0.82 0.00	16.28 0.86 0.00	15.14 0.79 0.00	18.02 0.93 0.00	18.67 0.98 0.00	17.22 0.96 0.00	18.51 1.15 0.00	18.82 1.30 0.00	20.55 1.39 0.00	25.51 1.76 0.00	28.37 2.02 0.00	28.35 2.14 0.00	42.95 2.87 0.00	33.42 2.16 0.00	31.36 2.29 0.00	25.83 1.95 0.00	22.81 1.74 0.00	26.04 1.94 0.00	34.14 2.48 0.00	33.33 2.10 0.00

FARRAGUT___LBMP 323566	21.87 1.15 0.00	19.28 1.01 0.00	16.98 0.91 0.00	15.95 0.88 0.00	14.88 0.82 0.00	16.27 0.85 0.00	15.13 0.78 0.00	18.00 0.92 0.00	18.66 0.96 0.00	17.21 0.95 0.00	18.49 1.14 0.00	18.80 1.29 0.00	20.54 1.37 0.00	25.49 1.74 0.00	28.34 2.00 0.00	28.33 2.12 0.00	42.92 2.84 0.00	33.40 2.14 0.00	31.34 2.27 0.00	25.81 1.93 0.00	22.79 1.72 0.00	26.02 1.92 0.00	34.11 2.45 0.00	33.30 2.07 0.00
FENNER___WINDPWR 24204	21.07 0.34 0.00	18.50 0.23 0.00	16.25 0.18 0.00	15.21 0.14 0.00	14.18 0.12 0.00	15.56 0.14 0.00	14.48 0.14 0.00	17.30 0.21 0.00	17.93 0.23 0.00	16.47 0.21 0.00	17.57 0.21 0.00	17.74 0.23 0.00	19.43 0.26 0.00	24.06 0.31 0.00	26.74 0.40 0.00	26.64 0.42 0.00	40.79 0.71 0.00	31.87 0.62 0.00	29.66 0.59 0.00	24.38 0.49 0.00	21.49 0.42 0.00	24.56 0.46 0.00	32.20 0.54 0.00	31.69 0.45 0.00
FIBERTEK___ENERGY 23856	20.68 -0.05 0.00	18.16 -0.11 0.00	15.97 -0.10 0.00	14.97 -0.09 0.00	13.97 -0.09 0.00	15.33 -0.09 0.00	14.27 -0.08 0.00	17.03 -0.06 0.00	17.65 -0.05 0.00	16.20 -0.06 0.00	17.28 -0.07 0.00	17.46 -0.05 0.00	19.12 -0.04 0.00	23.65 -0.10 0.00	26.24 -0.10 0.00	26.12 -0.10 0.00	39.92 -0.16 0.00	31.14 -0.11 0.00	28.99 -0.08 0.00	23.84 -0.04 0.00	21.00 -0.07 0.00	24.04 -0.07 0.00	31.51 -0.15 0.00	31.17 -0.07 0.00
FITZPATRICK____ 23598	20.23 -0.50 0.00	17.79 -0.48 0.00	15.64 -0.43 0.00	14.66 -0.41 0.00	13.69 -0.38 0.00	15.02 -0.40 0.00	13.97 -0.37 0.00	16.66 -0.42 0.00	17.27 -0.43 0.00	15.84 -0.41 0.00	16.88 -0.47 0.00	17.04 -0.47 0.00	18.64 -0.52 0.00	23.04 -0.71 0.00	25.54 -0.80 0.00	25.42 -0.79 0.00	38.84 -1.25 0.00	30.30 -0.95 0.00	28.20 -0.87 0.00	23.19 -0.70 0.00	20.45 -0.62 0.00	23.40 -0.70 0.00	30.71 -0.95 0.00	30.44 -0.80 0.00
FLOWRLD_69_KV_BK1 356044	22.14 1.41 0.00	19.52 1.26 0.00	17.16 1.09 0.00	16.07 1.00 0.00	15.01 0.95 0.00	16.50 1.08 0.00	15.35 1.01 0.00	18.14 1.05 0.00	18.73 1.03 0.00	17.29 1.03 0.00	28.51 1.29 -9.87	29.58 1.45 -10.62	31.68 1.55 -10.97	35.62 2.02 -9.85	29.77 2.30 -1.13	28.54 2.33 0.00	42.79 2.70 0.00	33.19 1.94 0.00	31.31 2.24 0.00	25.96 2.07 0.00	24.68 2.16 -1.45	57.95 2.32 -31.52	45.97 2.91 -11.40	41.80 2.56 -8.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	21.97 1.24 0.00	19.35 1.08 0.00	17.04 0.98 0.00	16.01 0.94 0.00	14.92 0.86 0.00	16.33 0.91 0.00	15.19 0.84 0.00	18.07 0.98 0.00	18.72 1.02 0.00	17.25 0.99 0.00	18.51 1.16 0.00	18.80 1.28 0.00	20.55 1.39 0.00	25.55 1.80 0.00	28.39 2.06 0.00	28.40 2.19 0.00	43.20 3.11 0.00	33.67 2.42 0.00	31.55 2.48 0.00	25.94 2.06 0.00	22.90 1.83 0.00	26.12 2.02 0.00	34.24 2.58 0.00	33.45 2.21 0.00
FORT ORANGE____ 23900	21.16 0.43 0.00	18.69 0.42 0.00	16.49 0.43 0.00	15.50 0.43 0.00	14.50 0.43 0.00	15.86 0.44 0.00	14.79 0.44 0.00	17.44 0.36 0.00	17.98 0.28 0.00	16.50 0.24 0.00	17.62 0.26 0.00	17.83 0.31 0.00	19.50 0.33 0.00	24.27 0.51 0.00	26.87 0.53 0.00	26.91 0.69 0.00	40.97 0.89 0.00	31.98 0.72 0.00	30.00 0.94 0.00	24.64 0.75 0.00	21.78 0.71 0.00	24.90 0.80 0.00	32.69 1.03 0.00	32.07 0.83 0.00
FORT_DRUM_COGEN 23780	21.44 0.70 0.00	18.79 0.53 0.00	16.41 0.34 0.00	15.27 0.20 0.00	14.25 0.18 0.00	15.60 0.19 0.00	14.50 0.15 0.00	17.57 0.48 0.00	18.27 0.58 0.00	16.67 0.42 0.00	17.65 0.30 0.00	17.96 0.45 0.00	19.67 0.51 0.00	24.31 0.56 0.00	26.74 0.40 0.00	26.90 0.68 0.00	41.29 1.20 0.00	32.26 1.00 0.00	29.96 0.89 0.00	24.48 0.59 0.00	21.49 0.42 0.00	24.40 0.30 0.00	32.18 0.52 0.00	31.59 0.35 0.00
FPL_FAR_ROCK_GT1 24212	22.33 1.59 0.00	19.65 1.39 0.00	17.28 1.21 0.00	16.20 1.13 0.00	15.12 1.05 0.00	16.57 1.15 0.00	15.40 1.06 0.00	18.27 1.18 0.00	18.94 1.24 0.00	17.46 1.20 0.00	28.74 1.52 -9.87	29.79 1.66 -10.62	31.89 1.76 -10.97	35.77 2.17 -9.85	29.68 2.21 -1.13	28.48 2.27 0.00	43.06 2.95 -0.02	33.20 1.90 -0.04	31.38 2.31 0.00	26.00 2.11 0.00	24.54 2.02 -1.45	57.89 2.26 -31.52	46.19 3.12 -11.41	42.13 2.88 -8.00
FPL_FAR_ROCK_GT2 23815	22.33 1.59 0.00	19.65 1.39 0.00	17.28 1.21 0.00	16.20 1.13 0.00	15.12 1.05 0.00	16.57 1.15 0.00	15.40 1.06 0.00	18.27 1.18 0.00	18.94 1.24 0.00	17.46 1.20 0.00	28.74 1.52 -9.87	29.79 1.66 -10.62	31.89 1.76 -10.97	35.77 2.17 -9.85	29.68 2.21 -1.13	28.48 2.27 0.00	43.06 2.95 -0.02	33.20 1.90 -0.04	31.38 2.31 0.00	26.00 2.11 0.00	24.54 2.02 -1.45	57.89 2.26 -31.52	46.19 3.12 -11.41	42.13 2.88 -8.00
FRANKLIN_FALL_HYD 24054	21.14 0.41 0.00	18.68 0.41 0.00	16.35 0.28 0.00	15.26 0.19 0.00	14.26 0.19 0.00	15.58 0.17 0.00	14.53 0.18 0.00	17.42 0.34 0.00	18.16 0.46 0.00	16.71 0.45 0.00	17.82 0.47 0.00	17.94 0.43 0.00	19.62 0.45 0.00	24.38 0.63 0.00	27.05 0.71 0.00	27.00 0.79 0.00	41.43 1.35 0.00	32.45 1.19 0.00	29.93 0.86 0.00	24.39 0.51 0.00	21.54 0.46 0.00	24.68 0.57 0.00	32.38 0.72 0.00	31.82 0.58 0.00
FREEPORT_EQUS_GT1 23764	22.18 1.45 0.00	19.53 1.27 0.00	17.17 1.11 0.00	16.09 1.02 0.00	15.03 0.96 0.00	16.47 1.05 0.00	15.32 0.97 0.00	18.15 1.06 0.00	18.81 1.12 0.00	17.34 1.09 0.00	28.61 1.39 -9.87	29.65 1.52 -10.62	31.73 1.60 -10.97	35.54 1.94 -9.85	29.65 2.18 -1.13	28.40 2.18 0.00	42.56 2.68 0.20	32.70 1.90 0.46	31.34 2.27 0.00	25.93 2.05 0.00	24.49 1.97 -1.45	57.82 2.19 -31.52	45.88 2.81 -11.40	41.87 2.63 -8.00
FREEPORT___CT2 23818	22.18 1.45 0.00	19.53 1.27 0.00	17.17 1.11 0.00	16.09 1.02 0.00	15.03 0.96 0.00	16.47 1.05 0.00	15.32 0.97 0.00	18.15 1.06 0.00	18.81 1.12 0.00	17.34 1.09 0.00	28.61 1.39 -9.87	29.65 1.52 -10.62	31.73 1.60 -10.97	35.54 1.94 -9.85	29.65 2.18 -1.13	28.40 2.18 0.00	42.56 2.68 0.20	32.70 1.90 0.46	31.34 2.27 0.00	25.93 2.05 0.00	24.49 1.97 -1.45	57.82 2.19 -31.52	45.88 2.81 -11.40	41.87 2.63 -8.00
FRESHKLS_33_KV_LOAD 356253	21.97 1.24 0.00	19.37 1.10 0.00	17.06 0.99 0.00	16.02 0.96 0.00	14.94 0.87 0.00	16.34 0.92 0.00	15.19 0.84 0.00	18.08 0.99 0.00	18.73 1.03 0.00	17.26 1.01 0.00	18.56 1.20 0.00	18.85 1.33 0.00	20.58 1.41 0.00	25.56 1.80 0.00	28.30 1.96 0.00	28.42 2.21 0.00	42.76 2.68 0.00	33.31 2.06 0.00	31.31 2.24 0.00	25.90 2.02 0.00	22.88 1.80 0.00	26.08 1.97 0.00	34.12 2.46 0.00	33.32 2.08 0.00
FULTON COGEN____ 23766	20.52 -0.22 0.00	18.03 -0.24 0.00	15.85 -0.22 0.00	14.86 -0.21 0.00	13.87 -0.20 0.00	15.22 -0.20 0.00	14.16 -0.18 0.00	16.89 -0.20 0.00	17.50 -0.20 0.00	16.06 -0.20 0.00	17.12 -0.24 0.00	17.28 -0.24 0.00	18.91 -0.25 0.00	23.35 -0.40 0.00	25.88 -0.46 0.00	25.78 -0.43 0.00	39.39 -0.70 0.00	30.74 -0.52 0.00	28.63 -0.45 0.00	23.54 -0.34 0.00	20.75 -0.32 0.00	23.75 -0.36 0.00	31.14 -0.52 0.00	30.84 -0.40 0.00

FULTON___LFGE 323630	22.83 2.10 0.00	20.06 1.79 0.00	17.59 1.52 0.00	16.46 1.39 0.00	15.35 1.28 0.00	16.85 1.43 0.00	15.67 1.33 0.00	18.75 1.66 0.00	19.32 1.62 0.00	17.63 1.37 0.00	18.89 1.54 0.00	18.82 1.30 0.00	20.55 1.39 0.00	25.50 1.74 0.00	28.27 1.93 0.00	28.17 1.96 0.00	43.34 3.25 0.00	34.43 3.17 0.00	32.12 3.05 0.00	26.55 2.66 0.00	23.41 2.34 0.00	26.82 2.72 0.00	35.09 3.43 0.00	34.36 3.12 0.00
G.F.CEMENT___DRP 24184	22.26 1.52 0.00	19.62 1.35 0.00	17.32 1.26 0.00	16.25 1.18 0.00	15.15 1.09 0.00	16.61 1.19 0.00	15.42 1.07 0.00	18.27 1.18 0.00	18.85 1.15 0.00	17.29 1.04 0.00	18.39 1.04 0.00	18.61 1.10 0.00	20.29 1.13 0.00	25.12 1.37 0.00	27.63 1.29 0.00	27.69 1.48 0.00	42.39 2.30 0.00	33.29 2.04 0.00	31.13 2.06 0.00	25.37 1.49 0.00	22.48 1.41 0.00	25.68 1.58 0.00	33.76 2.09 0.00	33.54 2.30 0.00
GARDENVILLE___LBMP 24039	20.38 -0.35 0.00	17.73 -0.54 0.00	15.57 -0.50 0.00	14.57 -0.49 0.00	13.59 -0.48 0.00	14.98 -0.43 0.00	13.93 -0.42 0.00	16.74 -0.35 0.00	17.43 -0.27 0.00	16.06 -0.20 0.00	17.16 -0.19 0.00	17.40 -0.12 0.00	19.19 0.03 0.00	23.57 -0.18 0.00	26.14 -0.20 0.00	25.64 -0.57 0.00	39.11 -0.97 0.00	30.51 -0.75 0.00	28.33 -0.73 0.00	23.42 -0.47 0.00	20.58 -0.49 0.00	23.73 -0.38 0.00	30.92 -0.74 0.00	30.81 -0.43 0.00
GARDNVLA_35_KV_LD 355827	20.45 -0.28 0.00	17.78 -0.48 0.00	15.61 -0.46 0.00	14.61 -0.45 0.00	13.63 -0.43 0.00	15.02 -0.39 0.00	13.97 -0.38 0.00	16.80 -0.29 0.00	17.49 -0.21 0.00	16.11 -0.15 0.00	17.22 -0.14 0.00	17.45 -0.06 0.00	19.26 0.10 0.00	23.66 -0.09 0.00	26.25 -0.08 0.00	25.74 -0.48 0.00	39.26 -0.82 0.00	30.63 -0.63 0.00	28.45 -0.62 0.00	23.51 -0.37 0.00	20.66 -0.41 0.00	23.82 -0.28 0.00	31.02 -0.64 0.00	30.89 -0.35 0.00
GELCKHM___115KV_LOAD 80723	20.56 -0.18 0.00	18.05 -0.21 0.00	15.88 -0.19 0.00	14.89 -0.18 0.00	13.89 -0.18 0.00	15.24 -0.17 0.00	14.18 -0.16 0.00	16.92 -0.16 0.00	17.55 -0.15 0.00	16.11 -0.15 0.00	17.17 -0.18 0.00	17.35 -0.17 0.00	19.00 -0.17 0.00	23.50 -0.25 0.00	26.06 -0.28 0.00	25.93 -0.29 0.00	39.63 -0.45 0.00	30.92 -0.34 0.00	28.78 -0.29 0.00	23.66 -0.22 0.00	20.86 -0.21 0.00	23.87 -0.24 0.00	31.29 -0.37 0.00	30.98 -0.26 0.00
GENERAL___MILLS 23808	20.41 -0.31 0.00	17.76 -0.51 0.00	15.59 -0.47 0.00	14.60 -0.47 0.00	13.61 -0.45 0.00	15.01 -0.41 0.00	13.95 -0.40 0.00	16.77 -0.31 0.00	17.46 -0.23 0.00	16.08 -0.18 0.00	17.19 -0.17 0.00	17.43 -0.09 0.00	19.23 0.07 0.00	23.62 -0.13 0.00	26.20 -0.14 0.00	25.69 -0.53 0.00	39.19 -0.90 0.00	30.57 -0.69 0.00	28.39 -0.67 0.00	23.46 -0.42 0.00	20.62 -0.45 0.00	23.78 -0.32 0.00	30.98 -0.69 0.00	30.85 -0.39 0.00
GE_PLASTICS___DRP 24183	21.17 0.44 0.00	18.69 0.42 0.00	16.49 0.43 0.00	15.50 0.43 0.00	14.49 0.42 0.00	15.85 0.43 0.00	14.77 0.42 0.00	17.46 0.38 0.00	18.02 0.33 0.00	16.55 0.29 0.00	17.68 0.32 0.00	17.89 0.37 0.00	19.56 0.39 0.00	24.32 0.57 0.00	26.93 0.59 0.00	26.95 0.73 0.00	41.02 0.94 0.00	31.98 0.72 0.00	29.96 0.89 0.00	24.61 0.72 0.00	21.74 0.67 0.00	24.85 0.75 0.00	32.64 0.98 0.00	32.04 0.80 0.00
GILBOA___1 23756	21.29 0.56 0.00	18.77 0.50 0.00	16.54 0.48 0.00	15.53 0.46 0.00	14.50 0.43 0.00	15.88 0.46 0.00	14.78 0.43 0.00	17.55 0.46 0.00	18.15 0.45 0.00	16.67 0.42 0.00	17.83 0.48 0.00	18.05 0.54 0.00	19.73 0.57 0.00	24.50 0.75 0.00	27.18 0.84 0.00	27.14 0.92 0.00	41.25 1.16 0.00	32.09 0.83 0.00	30.07 1.00 0.00	24.72 0.84 0.00	21.85 0.78 0.00	24.97 0.87 0.00	32.79 1.13 0.00	32.22 0.98 0.00
GILBOA___2 23757	21.29 0.56 0.00	18.77 0.50 0.00	16.54 0.48 0.00	15.53 0.46 0.00	14.50 0.43 0.00	15.88 0.46 0.00	14.78 0.43 0.00	17.55 0.46 0.00	18.15 0.45 0.00	16.67 0.42 0.00	17.83 0.48 0.00	18.05 0.54 0.00	19.73 0.57 0.00	24.50 0.75 0.00	27.18 0.84 0.00	27.14 0.92 0.00	41.25 1.16 0.00	32.09 0.83 0.00	30.07 1.00 0.00	24.72 0.84 0.00	21.85 0.78 0.00	24.97 0.87 0.00	32.79 1.13 0.00	32.22 0.98 0.00
GILBOA___3 23758	21.29 0.56 0.00	18.77 0.50 0.00	16.54 0.48 0.00	15.53 0.46 0.00	14.50 0.43 0.00	15.88 0.46 0.00	14.78 0.43 0.00	17.55 0.46 0.00	18.15 0.45 0.00	16.67 0.42 0.00	17.83 0.48 0.00	18.05 0.54 0.00	19.73 0.57 0.00	24.50 0.75 0.00	27.18 0.84 0.00	27.14 0.92 0.00	41.25 1.16 0.00	32.09 0.83 0.00	30.07 1.00 0.00	24.72 0.84 0.00	21.85 0.78 0.00	24.97 0.87 0.00	32.79 1.13 0.00	32.22 0.98 0.00
GILBOA___4 23759	21.29 0.56 0.00	18.77 0.50 0.00	16.54 0.48 0.00	15.53 0.46 0.00	14.50 0.43 0.00	15.88 0.46 0.00	14.78 0.43 0.00	17.55 0.46 0.00	18.15 0.45 0.00	16.67 0.42 0.00	17.83 0.48 0.00	18.05 0.54 0.00	19.73 0.57 0.00	24.50 0.75 0.00	27.18 0.84 0.00	27.14 0.92 0.00	41.25 1.16 0.00	32.09 0.83 0.00	30.07 1.00 0.00	24.72 0.84 0.00	21.85 0.78 0.00	24.97 0.87 0.00	32.79 1.13 0.00	32.22 0.98 0.00
GILBOA___ 23599	21.29 0.56 0.00	18.77 0.50 0.00	16.54 0.48 0.00	15.53 0.46 0.00	14.50 0.43 0.00	15.88 0.46 0.00	14.78 0.43 0.00	17.55 0.46 0.00	18.14 0.45 0.00	16.67 0.42 0.00	17.83 0.48 0.00	18.05 0.54 0.00	19.73 0.57 0.00	24.50 0.75 0.00	27.18 0.84 0.00	27.14 0.92 0.00	41.25 1.16 0.00	32.09 0.83 0.00	30.07 1.00 0.00	24.72 0.83 0.00	21.85 0.78 0.00	24.97 0.87 0.00	32.79 1.13 0.00	32.22 0.98 0.00
GINNA___ 23603	19.58 -1.15 0.00	17.13 -1.13 0.00	15.04 -1.03 0.00	14.09 -0.98 0.00	13.15 -0.91 0.00	14.45 -0.96 0.00	13.45 -0.90 0.00	16.09 -0.99 0.00	16.74 -0.96 0.00	15.38 -0.88 0.00	16.40 -0.95 0.00	16.59 -0.92 0.00	18.24 -0.92 0.00	22.59 -1.17 0.00	24.97 -1.36 0.00	24.70 -1.51 0.00	37.79 -2.30 0.00	29.51 -1.74 0.00	27.44 -1.63 0.00	22.60 -1.29 0.00	19.89 -1.18 0.00	22.83 -1.27 0.00	29.79 -1.87 0.00	29.51 -1.73 0.00
GLEN PARK___ 23778	21.53 0.80 0.00	18.87 0.60 0.00	16.47 0.40 0.00	15.33 0.26 0.00	14.30 0.24 0.00	15.67 0.25 0.00	14.56 0.22 0.00	17.64 0.56 0.00	18.35 0.65 0.00	16.73 0.47 0.00	17.70 0.34 0.00	18.05 0.53 0.00	19.75 0.59 0.00	24.39 0.64 0.00	26.78 0.44 0.00	26.99 0.77 0.00	41.43 1.35 0.00	32.41 1.16 0.00	30.12 1.05 0.00	24.62 0.74 0.00	21.62 0.55 0.00	24.55 0.44 0.00	32.35 0.69 0.00	31.75 0.51 0.00
GLENDALE_27_KV_LOAD 356172	21.97 1.24 0.00	19.35 1.09 0.00	17.05 0.99 0.00	16.02 0.96 0.00	14.94 0.87 0.00	16.33 0.91 0.00	15.19 0.84 0.00	18.07 0.99 0.00	18.74 1.04 0.00	17.29 1.04 0.00	18.59 1.24 0.00	18.89 1.38 0.00	20.64 1.48 0.00	25.61 1.86 0.00	28.47 2.14 0.00	28.48 2.26 0.00	43.17 3.09 0.00	33.60 2.34 0.00	31.54 2.47 0.00	25.98 2.09 0.00	22.93 1.86 0.00	26.19 2.08 0.00	34.31 2.65 0.00	33.48 2.24 0.00

GLENWOOD_IC_1_G5 23712	22.06 1.33 0.00	19.43 1.16 0.00	17.10 1.03 0.00	16.05 0.98 0.00	14.97 0.91 0.00	16.39 0.98 0.00	15.25 0.90 0.00	18.10 1.01 0.00	18.76 1.06 0.00	17.30 1.04 0.00	28.54 1.31 -9.87	29.58 1.45 -10.62	31.68 1.54 -10.97	35.57 1.97 -9.85	29.58 2.10 -1.13	28.33 2.12 0.00	42.82 2.78 0.05	33.18 2.03 0.11	31.29 2.22 0.00	25.81 1.93 0.00	24.32 1.80 -1.45	57.64 2.02 -31.52	45.80 2.73 -11.40	41.64 2.40 -8.00
GLENWOOD_IC_2_G1 23688	21.96 1.23 0.00	19.35 1.08 0.00	17.03 0.97 0.00	15.99 0.92 0.00	14.92 0.86 0.00	16.33 0.91 0.00	15.19 0.84 0.00	18.04 0.95 0.00	18.69 0.99 0.00	17.23 0.97 0.00	28.44 1.21 -9.87	29.48 1.35 -10.62	31.57 1.43 -10.97	35.42 1.82 -9.85	29.51 2.04 -1.13	28.34 2.12 0.00	42.91 2.83 0.00	33.34 2.09 0.00	31.33 2.26 0.00	25.83 1.94 0.00	24.30 1.78 -1.45	57.61 1.99 -31.52	45.62 2.55 -11.40	41.46 2.22 -8.00
GLENWOOD_IC_3_G1 23689	21.96 1.23 0.00	19.35 1.08 0.00	17.03 0.97 0.00	15.99 0.92 0.00	14.92 0.86 0.00	16.33 0.91 0.00	15.19 0.84 0.00	18.04 0.95 0.00	18.69 0.99 0.00	17.23 0.97 0.00	28.44 1.21 -9.87	29.48 1.35 -10.62	31.57 1.43 -10.97	35.42 1.82 -9.85	29.51 2.04 -1.13	28.34 2.12 0.00	42.91 2.83 0.00	33.34 2.09 0.00	31.33 2.26 0.00	25.83 1.94 0.00	24.30 1.78 -1.45	57.61 1.99 -31.52	45.62 2.55 -11.40	41.46 2.22 -8.00
GLENWOOD___4 23550	22.06 1.33 0.00	19.43 1.16 0.00	17.10 1.03 0.00	16.05 0.98 0.00	14.97 0.91 0.00	16.39 0.98 0.00	15.25 0.90 0.00	18.10 1.01 0.00	18.76 1.06 0.00	17.30 1.04 0.00	28.54 1.31 -9.87	29.58 1.45 -10.62	31.68 1.54 -10.97	35.57 1.97 -9.85	29.61 2.14 -1.13	28.39 2.18 0.00	42.92 2.89 0.05	33.26 2.11 0.11	31.37 2.30 0.00	25.88 1.99 0.00	24.36 1.85 -1.45	57.70 2.07 -31.52	45.80 2.73 -11.40	41.64 2.40 -8.00
GLENWOOD___5 23614	22.06 1.33 0.00	19.43 1.16 0.00	17.10 1.03 0.00	16.05 0.98 0.00	14.97 0.91 0.00	16.39 0.98 0.00	15.25 0.90 0.00	18.10 1.01 0.00	18.76 1.06 0.00	17.30 1.04 0.00	28.54 1.31 -9.87	29.58 1.45 -10.62	31.68 1.54 -10.97	35.57 1.97 -9.85	29.61 2.14 -1.13	28.39 2.18 0.00	42.92 2.89 0.05	33.26 2.11 0.11	31.37 2.30 0.00	25.88 1.99 0.00	24.36 1.85 -1.45	57.70 2.07 -31.52	45.80 2.73 -11.40	41.64 2.40 -8.00
GLOBAL GREEN_PORT_GT1 23814	22.70 1.97 0.00	20.03 1.76 0.00	17.58 1.51 0.00	16.46 1.39 0.00	15.38 1.31 0.00	16.94 1.52 0.00	15.78 1.43 0.00	18.63 1.55 0.00	19.20 1.50 0.00	17.77 1.52 0.00	29.04 1.81 -9.87	30.10 1.97 -10.62	32.28 2.15 -10.97	36.32 2.71 -9.85	30.65 3.18 -1.13	29.43 3.22 0.00	44.30 4.21 0.00	34.38 3.12 0.00	32.45 3.38 0.00	26.87 2.99 0.00	25.28 2.76 -1.45	58.60 2.97 -31.52	46.76 3.69 -11.40	42.51 3.27 -8.00
GLOBE___DSASP 323697	19.82 -0.91 0.00	17.28 -0.98 0.00	15.16 -0.91 0.00	14.20 -0.87 0.00	13.26 -0.81 0.00	14.61 -0.81 0.00	13.57 -0.77 0.00	16.30 -0.79 0.00	16.98 -0.72 0.00	15.62 -0.64 0.00	16.63 -0.72 0.00	16.84 -0.68 0.00	18.58 -0.59 0.00	22.80 -0.95 0.00	25.24 -1.10 0.00	24.73 -1.48 0.00	37.68 -2.41 0.00	29.46 -1.80 0.00	27.38 -1.69 0.00	22.68 -1.21 0.00	19.94 -1.14 0.00	22.98 -1.13 0.00	29.88 -1.78 0.00	29.83 -1.40 0.00
GOETHSLN___LBMP 323567	21.80 1.07 0.00	19.21 0.94 0.00	16.90 0.84 0.00	15.88 0.81 0.00	14.81 0.75 0.00	16.20 0.78 0.00	15.06 0.72 0.00	17.93 0.85 0.00	18.58 0.89 0.00	17.13 0.87 0.00	18.41 1.05 0.00	18.72 1.20 0.00	20.46 1.30 0.00	25.42 1.67 0.00	28.27 1.93 0.00	28.25 2.04 0.00	42.77 2.69 0.00	33.28 2.03 0.00	31.21 2.14 0.00	25.72 1.83 0.00	22.71 1.64 0.00	25.93 1.83 0.00	34.00 2.34 0.00	33.19 1.95 0.00
GOLAH___69_KV_TB 1_2 80279	20.62 -0.11 0.00	18.02 -0.25 0.00	15.81 -0.26 0.00	14.81 -0.26 0.00	13.82 -0.25 0.00	15.20 -0.22 0.00	14.13 -0.22 0.00	16.94 -0.15 0.00	17.62 -0.07 0.00	16.18 -0.08 0.00	17.24 -0.12 0.00	17.45 -0.06 0.00	19.22 0.06 0.00	23.72 -0.03 0.00	26.23 -0.11 0.00	25.93 -0.28 0.00	39.63 -0.45 0.00	31.00 -0.26 0.00	28.83 -0.24 0.00	23.80 -0.09 0.00	20.94 -0.13 0.00	24.07 -0.04 0.00	31.37 -0.30 0.00	31.13 -0.11 0.00
GOODYEAR_LAKE_HYD 323669	21.56 0.83 0.00	18.95 0.69 0.00	16.64 0.57 0.00	15.59 0.52 0.00	14.53 0.47 0.00	15.94 0.53 0.00	14.84 0.50 0.00	17.75 0.67 0.00	18.42 0.72 0.00	16.94 0.68 0.00	18.13 0.78 0.00	18.33 0.81 0.00	20.06 0.90 0.00	24.82 1.07 0.00	27.58 1.24 0.00	27.43 1.22 0.00	41.86 1.77 0.00	32.68 1.42 0.00	30.41 1.34 0.00	25.03 1.15 0.00	22.08 1.01 0.00	25.24 1.14 0.00	33.08 1.42 0.00	32.50 1.26 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	20.89 0.16 0.00	18.30 0.03 0.00	16.13 0.06 0.00	15.13 0.07 0.00	14.11 0.04 0.00	15.49 0.07 0.00	14.44 0.09 0.00	17.26 0.18 0.00	17.87 0.17 0.00	16.40 0.14 0.00	17.54 0.19 0.00	17.75 0.23 0.00	19.45 0.28 0.00	24.00 0.25 0.00	26.73 0.39 0.00	26.55 0.34 0.00	40.51 0.43 0.00	31.56 0.31 0.00	29.40 0.33 0.00	24.20 0.31 0.00	21.30 0.23 0.00	24.40 0.30 0.00	32.01 0.35 0.00	31.62 0.38 0.00
GOUDEY___7 23579	20.90 0.17 0.00	18.31 0.04 0.00	16.14 0.07 0.00	15.14 0.07 0.00	14.11 0.05 0.00	15.50 0.08 0.00	14.44 0.09 0.00	17.27 0.19 0.00	17.88 0.18 0.00	16.41 0.16 0.00	17.56 0.20 0.00	17.76 0.25 0.00	19.46 0.30 0.00	24.03 0.28 0.00	26.76 0.42 0.00	26.58 0.37 0.00	40.55 0.47 0.00	31.60 0.34 0.00	29.43 0.36 0.00	24.22 0.34 0.00	21.32 0.25 0.00	24.42 0.32 0.00	32.03 0.37 0.00	31.65 0.41 0.00
GOUDEY___8 23580	20.89 0.16 0.00	18.30 0.03 0.00	16.13 0.06 0.00	15.13 0.07 0.00	14.11 0.04 0.00	15.49 0.07 0.00	14.44 0.09 0.00	17.26 0.18 0.00	17.87 0.17 0.00	16.40 0.14 0.00	17.54 0.19 0.00	17.75 0.23 0.00	19.45 0.28 0.00	24.00 0.25 0.00	26.73 0.39 0.00	26.55 0.34 0.00	40.51 0.43 0.00	31.56 0.31 0.00	29.40 0.33 0.00	24.20 0.31 0.00	21.30 0.23 0.00	24.40 0.30 0.00	32.01 0.35 0.00	31.62 0.38 0.00
GOWANUS_GT1_1 24077	21.98 1.25 0.00	19.35 1.09 0.00	17.05 0.98 0.00	16.01 0.95 0.00	14.93 0.86 0.00	16.32 0.91 0.00	15.18 0.83 0.00	18.06 0.98 0.00	18.73 1.03 0.00	17.28 1.02 0.00	18.57 1.22 0.00	18.88 1.36 0.00	20.61 1.45 0.00	25.58 1.84 0.00	28.44 2.10 0.00	28.44 2.23 0.00	43.01 2.93 0.00	33.49 2.23 0.00	31.45 2.38 0.00	25.94 2.05 0.00	22.90 1.83 0.00	26.14 2.04 0.00	34.25 2.59 0.00	33.42 2.18 0.00
GOWANUS_GT1_2 24078	21.98 1.25 0.00	19.35 1.09 0.00	17.05 0.98 0.00	16.01 0.95 0.00	14.93 0.86 0.00	16.32 0.91 0.00	15.18 0.83 0.00	18.06 0.98 0.00	18.73 1.03 0.00	17.28 1.02 0.00	18.57 1.22 0.00	18.88 1.36 0.00	20.61 1.45 0.00	25.58 1.84 0.00	28.44 2.10 0.00	28.44 2.23 0.00	43.01 2.93 0.00	33.49 2.23 0.00	31.45 2.38 0.00	25.94 2.05 0.00	22.90 1.83 0.00	26.14 2.04 0.00	34.25 2.59 0.00	33.42 2.18 0.00

GOWANUS_GT1_3 24079	21.98 <u>1.25</u> 0.00	19.35 <u>1.09</u> 0.00	17.05 <u>0.98</u> 0.00	16.01 <u>0.95</u> 0.00	14.93 <u>0.86</u> 0.00	16.32 <u>0.91</u> 0.00	15.18 <u>0.83</u> 0.00	18.06 <u>0.98</u> 0.00	18.73 <u>1.03</u> 0.00	17.28 <u>1.02</u> 0.00	18.57 <u>1.22</u> 0.00	18.88 <u>1.36</u> 0.00	20.61 <u>1.45</u> 0.00	25.58 <u>1.84</u> 0.00	28.44 <u>2.10</u> 0.00	28.44 <u>2.23</u> 0.00	43.01 <u>2.93</u> 0.00	33.49 <u>2.23</u> 0.00	31.45 <u>2.38</u> 0.00	25.94 <u>2.05</u> 0.00	22.90 <u>1.83</u> 0.00	26.14 <u>2.04</u> 0.00	34.25 <u>2.59</u> 0.00	33.42 <u>2.18</u> 0.00
GOWANUS_GT1_4 24080	21.98 <u>1.25</u> 0.00	19.35 <u>1.09</u> 0.00	17.05 <u>0.98</u> 0.00	16.01 <u>0.95</u> 0.00	14.93 <u>0.86</u> 0.00	16.32 <u>0.91</u> 0.00	15.18 <u>0.83</u> 0.00	18.06 <u>0.98</u> 0.00	18.73 <u>1.03</u> 0.00	17.28 <u>1.02</u> 0.00	18.57 <u>1.22</u> 0.00	18.88 <u>1.36</u> 0.00	20.61 <u>1.45</u> 0.00	25.58 <u>1.84</u> 0.00	28.44 <u>2.10</u> 0.00	28.44 <u>2.23</u> 0.00	43.01 <u>2.93</u> 0.00	33.49 <u>2.23</u> 0.00	31.45 <u>2.38</u> 0.00	25.94 <u>2.05</u> 0.00	22.90 <u>1.83</u> 0.00	26.14 <u>2.04</u> 0.00	34.25 <u>2.59</u> 0.00	33.42 <u>2.18</u> 0.00
GOWANUS_GT1_5 24084	21.98 <u>1.25</u> 0.00	19.35 <u>1.09</u> 0.00	17.05 <u>0.98</u> 0.00	16.01 <u>0.95</u> 0.00	14.93 <u>0.86</u> 0.00	16.32 <u>0.91</u> 0.00	15.18 <u>0.83</u> 0.00	18.06 <u>0.98</u> 0.00	18.73 <u>1.03</u> 0.00	17.28 <u>1.02</u> 0.00	18.57 <u>1.22</u> 0.00	18.88 <u>1.36</u> 0.00	20.61 <u>1.45</u> 0.00	25.58 <u>1.84</u> 0.00	28.44 <u>2.10</u> 0.00	28.44 <u>2.23</u> 0.00	43.01 <u>2.93</u> 0.00	33.49 <u>2.23</u> 0.00	31.45 <u>2.38</u> 0.00	25.94 <u>2.05</u> 0.00	22.90 <u>1.83</u> 0.00	26.14 <u>2.04</u> 0.00	34.25 <u>2.59</u> 0.00	33.42 <u>2.18</u> 0.00
GOWANUS_GT1_6 24111	21.98 <u>1.25</u> 0.00	19.35 <u>1.09</u> 0.00	17.05 <u>0.98</u> 0.00	16.01 <u>0.95</u> 0.00	14.93 <u>0.86</u> 0.00	16.32 <u>0.91</u> 0.00	15.18 <u>0.83</u> 0.00	18.06 <u>0.98</u> 0.00	18.73 <u>1.03</u> 0.00	17.28 <u>1.02</u> 0.00	18.57 <u>1.22</u> 0.00	18.88 <u>1.36</u> 0.00	20.61 <u>1.45</u> 0.00	25.58 <u>1.84</u> 0.00	28.44 <u>2.10</u> 0.00	28.44 <u>2.23</u> 0.00	43.01 <u>2.93</u> 0.00	33.49 <u>2.23</u> 0.00	31.45 <u>2.38</u> 0.00	25.94 <u>2.05</u> 0.00	22.90 <u>1.83</u> 0.00	26.14 <u>2.04</u> 0.00	34.25 <u>2.59</u> 0.00	33.42 <u>2.18</u> 0.00
GOWANUS_GT1_7 24112	21.98 <u>1.25</u> 0.00	19.35 <u>1.09</u> 0.00	17.05 <u>0.98</u> 0.00	16.01 <u>0.95</u> 0.00	14.93 <u>0.86</u> 0.00	16.32 <u>0.91</u> 0.00	15.18 <u>0.83</u> 0.00	18.06 <u>0.98</u> 0.00	18.73 <u>1.03</u> 0.00	17.28 <u>1.02</u> 0.00	18.57 <u>1.22</u> 0.00	18.88 <u>1.36</u> 0.00	20.61 <u>1.45</u> 0.00	25.58 <u>1.84</u> 0.00	28.44 <u>2.10</u> 0.00	28.44 <u>2.23</u> 0.00	43.01 <u>2.93</u> 0.00	33.49 <u>2.23</u> 0.00	31.45 <u>2.38</u> 0.00	25.94 <u>2.05</u> 0.00	22.90 <u>1.83</u> 0.00	26.14 <u>2.04</u> 0.00	34.25 <u>2.59</u> 0.00	33.42 <u>2.18</u> 0.00
GOWANUS_GT1_8 24113	21.98 <u>1.25</u> 0.00	19.35 <u>1.09</u> 0.00	17.05 <u>0.98</u> 0.00	16.01 <u>0.95</u> 0.00	14.93 <u>0.86</u> 0.00	16.32 <u>0.91</u> 0.00	15.18 <u>0.83</u> 0.00	18.06 <u>0.98</u> 0.00	18.73 <u>1.03</u> 0.00	17.28 <u>1.02</u> 0.00	18.57 <u>1.22</u> 0.00	18.88 <u>1.36</u> 0.00	20.61 <u>1.45</u> 0.00	25.58 <u>1.84</u> 0.00	28.44 <u>2.10</u> 0.00	28.44 <u>2.23</u> 0.00	43.01 <u>2.93</u> 0.00	33.49 <u>2.23</u> 0.00	31.45 <u>2.38</u> 0.00	25.94 <u>2.05</u> 0.00	22.90 <u>1.83</u> 0.00	26.14 <u>2.04</u> 0.00	34.25 <u>2.59</u> 0.00	33.42 <u>2.18</u> 0.00
GOWANUS_GT2_1 24114	21.98 <u>1.25</u> 0.00	19.35 <u>1.09</u> 0.00	17.05 <u>0.98</u> 0.00	16.01 <u>0.95</u> 0.00	14.93 <u>0.86</u> 0.00	16.32 <u>0.91</u> 0.00	15.18 <u>0.83</u> 0.00	18.07 <u>0.98</u> 0.00	18.73 <u>1.03</u> 0.00	17.28 <u>1.02</u> 0.00	18.58 <u>1.22</u> 0.00	18.88 <u>1.36</u> 0.00	20.61 <u>1.45</u> 0.00	25.58 <u>1.83</u> 0.00	28.44 <u>2.10</u> 0.00	28.44 <u>2.23</u> 0.00	43.00 <u>2.92</u> 0.00	33.49 <u>2.24</u> 0.00	31.45 <u>2.38</u> 0.00	25.94 <u>2.05</u> 0.00	22.90 <u>1.83</u> 0.00	26.14 <u>2.04</u> 0.00	34.25 <u>2.59</u> 0.00	33.42 <u>2.18</u> 0.00
GOWANUS_GT2_2 24115	21.98 <u>1.25</u> 0.00	19.35 <u>1.09</u> 0.00	17.05 <u>0.98</u> 0.00	16.01 <u>0.95</u> 0.00	14.93 <u>0.86</u> 0.00	16.32 <u>0.91</u> 0.00	15.18 <u>0.83</u> 0.00	18.07 <u>0.98</u> 0.00	18.73 <u>1.03</u> 0.00	17.28 <u>1.02</u> 0.00	18.58 <u>1.22</u> 0.00	18.88 <u>1.36</u> 0.00	20.61 <u>1.45</u> 0.00	25.58 <u>1.83</u> 0.00	28.44 <u>2.10</u> 0.00	28.44 <u>2.23</u> 0.00	43.00 <u>2.92</u> 0.00	33.49 <u>2.24</u> 0.00	31.45 <u>2.38</u> 0.00	25.94 <u>2.05</u> 0.00	22.90 <u>1.83</u> 0.00	26.14 <u>2.04</u> 0.00	34.25 <u>2.59</u> 0.00	33.42 <u>2.18</u> 0.00
GOWANUS_GT2_3 24116	21.98 <u>1.25</u> 0.00	19.35 <u>1.09</u> 0.00	17.05 <u>0.98</u> 0.00	16.01 <u>0.95</u> 0.00	14.93 <u>0.86</u> 0.00	16.32 <u>0.91</u> 0.00	15.18 <u>0.83</u> 0.00	18.07 <u>0.98</u> 0.00	18.73 <u>1.03</u> 0.00	17.28 <u>1.02</u> 0.00	18.58 <u>1.22</u> 0.00	18.88 <u>1.36</u> 0.00	20.61 <u>1.45</u> 0.00	25.58 <u>1.83</u> 0.00	28.44 <u>2.10</u> 0.00	28.44 <u>2.23</u> 0.00	43.00 <u>2.92</u> 0.00	33.49 <u>2.24</u> 0.00	31.45 <u>2.38</u> 0.00	25.94 <u>2.05</u> 0.00	22.90 <u>1.83</u> 0.00	26.14 <u>2.04</u> 0.00	34.25 <u>2.59</u> 0.00	33.42 <u>2.18</u> 0.00
GOWANUS_GT2_4 24117	21.98 <u>1.25</u> 0.00	19.35 <u>1.09</u> 0.00	17.05 <u>0.98</u> 0.00	16.01 <u>0.95</u> 0.00	14.93 <u>0.86</u> 0.00	16.32 <u>0.91</u> 0.00	15.18 <u>0.83</u> 0.00	18.07 <u>0.98</u> 0.00	18.73 <u>1.03</u> 0.00	17.28 <u>1.02</u> 0.00	18.58 <u>1.22</u> 0.00	18.88 <u>1.36</u> 0.00	20.61 <u>1.45</u> 0.00	25.58 <u>1.83</u> 0.00	28.44 <u>2.10</u> 0.00	28.44 <u>2.23</u> 0.00	43.00 <u>2.92</u> 0.00	33.49 <u>2.24</u> 0.00	31.45 <u>2.38</u> 0.00	25.94 <u>2.05</u> 0.00	22.90 <u>1.83</u> 0.00	26.14 <u>2.04</u> 0.00	34.25 <u>2.59</u> 0.00	33.42 <u>2.18</u> 0.00
GOWANUS_GT2_5 24118	21.98 <u>1.25</u> 0.00	19.35 <u>1.09</u> 0.00	17.05 <u>0.98</u> 0.00	16.01 <u>0.95</u> 0.00	14.93 <u>0.86</u> 0.00	16.32 <u>0.91</u> 0.00	15.18 <u>0.83</u> 0.00	18.07 <u>0.98</u> 0.00	18.73 <u>1.03</u> 0.00	17.28 <u>1.02</u> 0.00	18.58 <u>1.22</u> 0.00	18.88 <u>1.36</u> 0.00	20.61 <u>1.45</u> 0.00	25.58 <u>1.83</u> 0.00	28.44 <u>2.10</u> 0.00	28.44 <u>2.23</u> 0.00	43.00 <u>2.92</u> 0.00	33.49 <u>2.24</u> 0.00	31.45 <u>2.38</u> 0.00	25.94 <u>2.05</u> 0.00	22.90 <u>1.83</u> 0.00	26.14 <u>2.04</u> 0.00	34.25 <u>2.59</u> 0.00	33.42 <u>2.18</u> 0.00
GOWANUS_GT2_6 24119	21.98 <u>1.25</u> 0.00	19.35 <u>1.09</u> 0.00	17.05 <u>0.98</u> 0.00	16.01 <u>0.95</u> 0.00	14.93 <u>0.86</u> 0.00	16.32 <u>0.91</u> 0.00	15.18 <u>0.83</u> 0.00	18.07 <u>0.98</u> 0.00	18.73 <u>1.03</u> 0.00	17.28 <u>1.02</u> 0.00	18.58 <u>1.22</u> 0.00	18.88 <u>1.36</u> 0.00	20.61 <u>1.45</u> 0.00	25.58 <u>1.83</u> 0.00	28.44 <u>2.10</u> 0.00	28.44 <u>2.23</u> 0.00	43.00 <u>2.92</u> 0.00	33.49 <u>2.24</u> 0.00	31.45 <u>2.38</u> 0.00	25.94 <u>2.05</u> 0.00	22.90 <u>1.83</u> 0.00	26.14 <u>2.04</u> 0.00	34.25 <u>2.59</u> 0.00	33.42 <u>2.18</u> 0.00
GOWANUS_GT2_7 24120	21.98 <u>1.25</u> 0.00	19.35 <u>1.09</u> 0.00	17.05 <u>0.98</u> 0.00	16.01 <u>0.95</u> 0.00	14.93 <u>0.86</u> 0.00	16.32 <u>0.91</u> 0.00	15.18 <u>0.83</u> 0.00	18.07 <u>0.98</u> 0.00	18.73 <u>1.03</u> 0.00	17.28 <u>1.02</u> 0.00	18.58 <u>1.22</u> 0.00	18.88 <u>1.36</u> 0.00	20.61 <u>1.45</u> 0.00	25.58 <u>1.83</u> 0.00	28.44 <u>2.10</u> 0.00	28.44 <u>2.23</u> 0.00	43.00 <u>2.92</u> 0.00	33.49 <u>2.24</u> 0.00	31.45 <u>2.38</u> 0.00	25.94 <u>2.05</u> 0.00	22.90 <u>1.83</u> 0.00	26.14 <u>2.04</u> 0.00	34.25 <u>2.59</u> 0.00	33.42 <u>2.18</u> 0.00
GOWANUS_GT2_8 24121	21.98 <u>1.25</u> 0.00	19.35 <u>1.09</u> 0.00	17.05 <u>0.98</u> 0.00	16.01 <u>0.95</u> 0.00	14.93 <u>0.86</u> 0.00	16.32 <u>0.91</u> 0.00	15.18 <u>0.83</u> 0.00	18.07 <u>0.98</u> 0.00	18.73 <u>1.03</u> 0.00	17.28 <u>1.02</u> 0.00	18.58 <u>1.22</u> 0.00	18.88 <u>1.36</u> 0.00	20.61 <u>1.45</u> 0.00	25.58 <u>1.83</u> 0.00	28.44 <u>2.10</u> 0.00	28.44 <u>2.23</u> 0.00	43.00 <u>2.92</u> 0.00	33.49 <u>2.24</u> 0.00	31.45 <u>2.38</u> 0.00	25.94 <u>2.05</u> 0.00	22.90 <u>1.83</u> 0.00	26.14 <u>2.04</u> 0.00	34.25 <u>2.59</u> 0.00	33.42 <u>2.18</u> 0.00
GOWANUS_GT3_1 24122	21.98 <u>1.25</u> 0.00	19.35 <u>1.09</u> 0.00	17.05 <u>0.98</u> 0.00	16.01 <u>0.95</u> 0.00	14.93 <u>0.86</u> 0.00	16.32 <u>0.91</u> 0.00	15.18 <u>0.83</u> 0.00	18.07 <u>0.98</u> 0.00	18.73 <u>1.03</u> 0.00	17.28 <u>1.02</u> 0.00	18.58 <u>1.22</u> 0.00	18.88 <u>1.36</u> 0.00	20.61 <u>1.45</u> 0.00	25.58 <u>1.83</u> 0.00	28.44 <u>2.10</u> 0.00	28.44 <u>2.23</u> 0.00	43.00 <u>2.92</u> 0.00	33.49 <u>2.24</u> 0.00	31.45 <u>2.38</u> 0.00	25.94 <u>2.05</u> 0.00	22.90 <u>1.83</u> 0.00	26.14 <u>2.04</u> 0.00	34.25 <u>2.59</u> 0.00	33.42 <u>2.18</u> 0.00

GOWANUS_GT3_2 24123	21.98 <u>1.25</u> 0.00	19.35 <u>1.09</u> 0.00	17.05 <u>0.98</u> 0.00	16.01 <u>0.95</u> 0.00	14.93 <u>0.86</u> 0.00	16.32 <u>0.91</u> 0.00	15.18 <u>0.83</u> 0.00	18.07 <u>0.98</u> 0.00	18.73 <u>1.03</u> 0.00	17.28 <u>1.02</u> 0.00	18.58 <u>1.22</u> 0.00	18.88 <u>1.36</u> 0.00	20.61 <u>1.45</u> 0.00	25.58 <u>1.83</u> 0.00	28.44 <u>2.10</u> 0.00	28.44 <u>2.23</u> 0.00	43.00 <u>2.92</u> 0.00	33.49 <u>2.24</u> 0.00	31.45 <u>2.38</u> 0.00	25.94 <u>2.05</u> 0.00	22.90 <u>1.83</u> 0.00	26.14 <u>2.04</u> 0.00	34.25 <u>2.59</u> 0.00	33.42 <u>2.18</u> 0.00
GOWANUS_GT3_3 24124	21.98 <u>1.25</u> 0.00	19.35 <u>1.09</u> 0.00	17.05 <u>0.98</u> 0.00	16.01 <u>0.95</u> 0.00	14.93 <u>0.86</u> 0.00	16.32 <u>0.91</u> 0.00	15.18 <u>0.83</u> 0.00	18.07 <u>0.98</u> 0.00	18.73 <u>1.03</u> 0.00	17.28 <u>1.02</u> 0.00	18.58 <u>1.22</u> 0.00	18.88 <u>1.36</u> 0.00	20.61 <u>1.45</u> 0.00	25.58 <u>1.83</u> 0.00	28.44 <u>2.10</u> 0.00	28.44 <u>2.23</u> 0.00	43.00 <u>2.92</u> 0.00	33.49 <u>2.24</u> 0.00	31.45 <u>2.38</u> 0.00	25.94 <u>2.05</u> 0.00	22.90 <u>1.83</u> 0.00	26.14 <u>2.04</u> 0.00	34.25 <u>2.59</u> 0.00	33.42 <u>2.18</u> 0.00
GOWANUS_GT3_4 24125	21.98 <u>1.25</u> 0.00	19.35 <u>1.09</u> 0.00	17.05 <u>0.98</u> 0.00	16.01 <u>0.95</u> 0.00	14.93 <u>0.86</u> 0.00	16.32 <u>0.91</u> 0.00	15.18 <u>0.83</u> 0.00	18.07 <u>0.98</u> 0.00	18.73 <u>1.03</u> 0.00	17.28 <u>1.02</u> 0.00	18.58 <u>1.22</u> 0.00	18.88 <u>1.36</u> 0.00	20.61 <u>1.45</u> 0.00	25.58 <u>1.83</u> 0.00	28.44 <u>2.10</u> 0.00	28.44 <u>2.23</u> 0.00	43.00 <u>2.92</u> 0.00	33.49 <u>2.24</u> 0.00	31.45 <u>2.38</u> 0.00	25.94 <u>2.05</u> 0.00	22.90 <u>1.83</u> 0.00	26.14 <u>2.04</u> 0.00	34.25 <u>2.59</u> 0.00	33.42 <u>2.18</u> 0.00
GOWANUS_GT3_5 24126	21.98 <u>1.25</u> 0.00	19.35 <u>1.09</u> 0.00	17.05 <u>0.98</u> 0.00	16.01 <u>0.95</u> 0.00	14.93 <u>0.86</u> 0.00	16.32 <u>0.91</u> 0.00	15.18 <u>0.83</u> 0.00	18.07 <u>0.98</u> 0.00	18.73 <u>1.03</u> 0.00	17.28 <u>1.02</u> 0.00	18.58 <u>1.22</u> 0.00	18.88 <u>1.36</u> 0.00	20.61 <u>1.45</u> 0.00	25.58 <u>1.83</u> 0.00	28.44 <u>2.10</u> 0.00	28.44 <u>2.23</u> 0.00	43.00 <u>2.92</u> 0.00	33.49 <u>2.24</u> 0.00	31.45 <u>2.38</u> 0.00	25.94 <u>2.05</u> 0.00	22.90 <u>1.83</u> 0.00	26.14 <u>2.04</u> 0.00	34.25 <u>2.59</u> 0.00	33.42 <u>2.18</u> 0.00
GOWANUS_GT3_6 24127	21.98 <u>1.25</u> 0.00	19.35 <u>1.09</u> 0.00	17.05 <u>0.98</u> 0.00	16.01 <u>0.95</u> 0.00	14.93 <u>0.86</u> 0.00	16.32 <u>0.91</u> 0.00	15.18 <u>0.83</u> 0.00	18.07 <u>0.98</u> 0.00	18.73 <u>1.03</u> 0.00	17.28 <u>1.02</u> 0.00	18.58 <u>1.22</u> 0.00	18.88 <u>1.36</u> 0.00	20.61 <u>1.45</u> 0.00	25.58 <u>1.83</u> 0.00	28.44 <u>2.10</u> 0.00	28.44 <u>2.23</u> 0.00	43.00 <u>2.92</u> 0.00	33.49 <u>2.24</u> 0.00	31.45 <u>2.38</u> 0.00	25.94 <u>2.05</u> 0.00	22.90 <u>1.83</u> 0.00	26.14 <u>2.04</u> 0.00	34.25 <u>2.59</u> 0.00	33.42 <u>2.18</u> 0.00
GOWANUS_GT3_7 24128	21.98 <u>1.25</u> 0.00	19.35 <u>1.09</u> 0.00	17.05 <u>0.98</u> 0.00	16.01 <u>0.95</u> 0.00	14.93 <u>0.86</u> 0.00	16.32 <u>0.91</u> 0.00	15.18 <u>0.83</u> 0.00	18.07 <u>0.98</u> 0.00	18.73 <u>1.03</u> 0.00	17.28 <u>1.02</u> 0.00	18.58 <u>1.22</u> 0.00	18.88 <u>1.36</u> 0.00	20.61 <u>1.45</u> 0.00	25.58 <u>1.83</u> 0.00	28.44 <u>2.10</u> 0.00	28.44 <u>2.23</u> 0.00	43.00 <u>2.92</u> 0.00	33.49 <u>2.24</u> 0.00	31.45 <u>2.38</u> 0.00	25.94 <u>2.05</u> 0.00	22.90 <u>1.83</u> 0.00	26.14 <u>2.04</u> 0.00	34.25 <u>2.59</u> 0.00	33.42 <u>2.18</u> 0.00
GOWANUS_GT3_8 24129	21.98 <u>1.25</u> 0.00	19.35 <u>1.09</u> 0.00	17.05 <u>0.98</u> 0.00	16.01 <u>0.95</u> 0.00	14.93 <u>0.86</u> 0.00	16.32 <u>0.91</u> 0.00	15.18 <u>0.83</u> 0.00	18.07 <u>0.98</u> 0.00	18.73 <u>1.03</u> 0.00	17.28 <u>1.02</u> 0.00	18.58 <u>1.22</u> 0.00	18.88 <u>1.36</u> 0.00	20.61 <u>1.45</u> 0.00	25.58 <u>1.83</u> 0.00	28.44 <u>2.10</u> 0.00	28.44 <u>2.23</u> 0.00	43.00 <u>2.92</u> 0.00	33.49 <u>2.24</u> 0.00	31.45 <u>2.38</u> 0.00	25.94 <u>2.05</u> 0.00	22.90 <u>1.83</u> 0.00	26.14 <u>2.04</u> 0.00	34.25 <u>2.59</u> 0.00	33.42 <u>2.18</u> 0.00
GOWANUS_GT4_1 24130	21.98 <u>1.25</u> 0.00	19.35 <u>1.09</u> 0.00	17.05 <u>0.98</u> 0.00	16.01 <u>0.95</u> 0.00	14.93 <u>0.86</u> 0.00	16.32 <u>0.91</u> 0.00	15.18 <u>0.83</u> 0.00	18.06 <u>0.98</u> 0.00	18.73 <u>1.03</u> 0.00	17.28 <u>1.02</u> 0.00	18.57 <u>1.22</u> 0.00	18.88 <u>1.36</u> 0.00	20.61 <u>1.45</u> 0.00	25.58 <u>1.84</u> 0.00	28.44 <u>2.10</u> 0.00	28.44 <u>2.23</u> 0.00	43.01 <u>2.93</u> 0.00	33.49 <u>2.23</u> 0.00	31.45 <u>2.38</u> 0.00	25.94 <u>2.05</u> 0.00	22.90 <u>1.83</u> 0.00	26.14 <u>2.04</u> 0.00	34.25 <u>2.59</u> 0.00	33.42 <u>2.18</u> 0.00
GOWANUS_GT4_2 24131	21.98 <u>1.25</u> 0.00	19.35 <u>1.09</u> 0.00	17.05 <u>0.98</u> 0.00	16.01 <u>0.95</u> 0.00	14.93 <u>0.86</u> 0.00	16.32 <u>0.91</u> 0.00	15.18 <u>0.83</u> 0.00	18.06 <u>0.98</u> 0.00	18.73 <u>1.03</u> 0.00	17.28 <u>1.02</u> 0.00	18.57 <u>1.22</u> 0.00	18.88 <u>1.36</u> 0.00	20.61 <u>1.45</u> 0.00	25.58 <u>1.84</u> 0.00	28.44 <u>2.10</u> 0.00	28.44 <u>2.23</u> 0.00	43.01 <u>2.93</u> 0.00	33.49 <u>2.23</u> 0.00	31.45 <u>2.38</u> 0.00	25.94 <u>2.05</u> 0.00	22.90 <u>1.83</u> 0.00	26.14 <u>2.04</u> 0.00	34.25 <u>2.59</u> 0.00	33.42 <u>2.18</u> 0.00
GOWANUS_GT4_3 24132	21.98 <u>1.25</u> 0.00	19.35 <u>1.09</u> 0.00	17.05 <u>0.98</u> 0.00	16.01 <u>0.95</u> 0.00	14.93 <u>0.86</u> 0.00	16.32 <u>0.91</u> 0.00	15.18 <u>0.83</u> 0.00	18.06 <u>0.98</u> 0.00	18.73 <u>1.03</u> 0.00	17.28 <u>1.02</u> 0.00	18.57 <u>1.22</u> 0.00	18.88 <u>1.36</u> 0.00	20.61 <u>1.45</u> 0.00	25.58 <u>1.84</u> 0.00	28.44 <u>2.10</u> 0.00	28.44 <u>2.23</u> 0.00	43.01 <u>2.93</u> 0.00	33.49 <u>2.23</u> 0.00	31.45 <u>2.38</u> 0.00	25.94 <u>2.05</u> 0.00	22.90 <u>1.83</u> 0.00	26.14 <u>2.04</u> 0.00	34.25 <u>2.59</u> 0.00	33.42 <u>2.18</u> 0.00
GOWANUS_GT4_4 24133	21.98 <u>1.25</u> 0.00	19.35 <u>1.09</u> 0.00	17.05 <u>0.98</u> 0.00	16.01 <u>0.95</u> 0.00	14.93 <u>0.86</u> 0.00	16.32 <u>0.91</u> 0.00	15.18 <u>0.83</u> 0.00	18.06 <u>0.98</u> 0.00	18.73 <u>1.03</u> 0.00	17.28 <u>1.02</u> 0.00	18.57 <u>1.22</u> 0.00	18.88 <u>1.36</u> 0.00	20.61 <u>1.45</u> 0.00	25.58 <u>1.84</u> 0.00	28.44 <u>2.10</u> 0.00	28.44 <u>2.23</u> 0.00	43.01 <u>2.93</u> 0.00	33.49 <u>2.23</u> 0.00	31.45 <u>2.38</u> 0.00	25.94 <u>2.05</u> 0.00	22.90 <u>1.83</u> 0.00	26.14 <u>2.04</u> 0.00	34.25 <u>2.59</u> 0.00	33.42 <u>2.18</u> 0.00
GOWANUS_GT4_5 24134	21.98 <u>1.25</u> 0.00	19.35 <u>1.09</u> 0.00	17.05 <u>0.98</u> 0.00	16.01 <u>0.95</u> 0.00	14.93 <u>0.86</u> 0.00	16.32 <u>0.91</u> 0.00	15.18 <u>0.83</u> 0.00	18.06 <u>0.98</u> 0.00	18.73 <u>1.03</u> 0.00	17.28 <u>1.02</u> 0.00	18.57 <u>1.22</u> 0.00	18.88 <u>1.36</u> 0.00	20.61 <u>1.45</u> 0.00	25.58 <u>1.84</u> 0.00	28.44 <u>2.10</u> 0.00	28.44 <u>2.23</u> 0.00	43.01 <u>2.93</u> 0.00	33.49 <u>2.23</u> 0.00	31.45 <u>2.38</u> 0.00	25.94 <u>2.05</u> 0.00	22.90 <u>1.83</u> 0.00	26.14 <u>2.04</u> 0.00	34.25 <u>2.59</u> 0.00	33.42 <u>2.18</u> 0.00
GOWANUS_GT4_6 24135	21.98 <u>1.25</u> 0.00	19.35 <u>1.09</u> 0.00	17.05 <u>0.98</u> 0.00	16.01 <u>0.95</u> 0.00	14.93 <u>0.86</u> 0.00	16.32 <u>0.91</u> 0.00	15.18 <u>0.83</u> 0.00	18.06 <u>0.98</u> 0.00	18.73 <u>1.03</u> 0.00	17.28 <u>1.02</u> 0.00	18.57 <u>1.22</u> 0.00	18.88 <u>1.36</u> 0.00	20.61 <u>1.45</u> 0.00	25.58 <u>1.84</u> 0.00	28.44 <u>2.10</u> 0.00	28.44 <u>2.23</u> 0.00	43.01 <u>2.93</u> 0.00	33.49 <u>2.23</u> 0.00	31.45 <u>2.38</u> 0.00	25.94 <u>2.05</u> 0.00	22.90 <u>1.83</u> 0.00	26.14 <u>2.04</u> 0.00	34.25 <u>2.59</u> 0.00	33.42 <u>2.18</u> 0.00
GOWANUS_GT4_7 24136	21.98 <u>1.25</u> 0.00	19.35 <u>1.09</u> 0.00	17.05 <u>0.98</u> 0.00	16.01 <u>0.95</u> 0.00	14.93 <u>0.86</u> 0.00	16.32 <u>0.91</u> 0.00	15.18 <u>0.83</u> 0.00	18.06 <u>0.98</u> 0.00	18.73 <u>1.03</u> 0.00	17.28 <u>1.02</u> 0.00	18.57 <u>1.22</u> 0.00	18.88 <u>1.36</u> 0.00	20.61 <u>1.45</u> 0.00	25.58 <u>1.84</u> 0.00	28.44 <u>2.10</u> 0.00	28.44 <u>2.23</u> 0.00	43.01 <u>2.93</u> 0.00	33.49 <u>2.23</u> 0.00	31.45 <u>2.38</u> 0.00	25.94 <u>2.05</u> 0.00	22.90 <u>1.83</u> 0.00	26.14 <u>2.04</u> 0.00	34.25 <u>2.59</u> 0.00	33.42 <u>2.18</u> 0.00
GOWANUS_GT4_8 24137	21.98 <u>1.25</u> 0.00	19.35 <u>1.09</u> 0.00	17.05 <u>0.98</u> 0.00	16.01 <u>0.95</u> 0.00	14.93 <u>0.86</u> 0.00	16.32 <u>0.91</u> 0.00	15.18 <u>0.83</u> 0.00	18.06 <u>0.98</u> 0.00	18.73 <u>1.03</u> 0.00	17.28 <u>1.02</u> 0.00	18.57 <u>1.22</u> 0.00	18.88 <u>1.36</u> 0.00	20.61 <u>1.45</u> 0.00	25.58 <u>1.84</u> 0.00	28.44 <u>2.10</u> 0.00	28.44 <u>2.23</u> 0.00	43.01 <u>2.93</u> 0.00	33.49 <u>2.23</u> 0.00	31.45 <u>2.38</u> 0.00	25.94 <u>2.05</u> 0.00	22.90 <u>1.83</u> 0.00	26.14 <u>2.04</u> 0.00	34.25 <u>2.59</u> 0.00	33.42 <u>2.18</u> 0.00

GREENBSH_115KV_TB3 55895	21.06 0.33 0.00	18.61 0.34 0.00	16.42 0.35 0.00	15.43 0.36 0.00	14.44 0.37 0.00	15.79 0.37 0.00	14.73 0.38 0.00	17.37 0.29 0.00	17.92 0.22 0.00	16.45 0.19 0.00	17.57 0.22 0.00	17.78 0.26 0.00	19.44 0.28 0.00	24.20 0.45 0.00	26.79 0.45 0.00	26.82 0.61 0.00	40.84 0.76 0.00	31.83 0.58 0.00	29.84 0.77 0.00	24.49 0.61 0.00	21.64 0.58 0.00	24.75 0.64 0.00	32.50 0.84 0.00	31.89 0.65 0.00
GREENDGE_115KV_TB5 80291	20.80 0.07 0.00	18.15 -0.12 0.00	15.96 -0.11 0.00	14.95 -0.12 0.00	13.95 -0.12 0.00	15.35 -0.07 0.00	14.30 -0.05 0.00	17.13 0.04 0.00	17.73 0.04 0.00	16.31 0.05 0.00	17.41 0.05 0.00	17.63 0.11 0.00	19.36 0.20 0.00	23.92 0.16 0.00	26.60 0.26 0.00	26.38 0.16 0.00	40.13 0.04 0.00	31.32 0.06 0.00	29.10 0.03 0.00	24.09 0.20 0.00	21.19 0.12 0.00	24.28 0.18 0.00	31.71 0.05 0.00	31.34 0.10 0.00
GREENIDGE___3 23582	20.80 0.07 0.00	18.15 -0.12 0.00	15.96 -0.11 0.00	14.95 -0.12 0.00	13.95 -0.12 0.00	15.35 -0.07 0.00	14.30 -0.05 0.00	17.13 0.04 0.00	17.73 0.04 0.00	16.31 0.05 0.00	17.41 0.05 0.00	17.63 0.11 0.00	19.36 0.20 0.00	23.92 0.16 0.00	26.60 0.26 0.00	26.38 0.16 0.00	40.13 0.04 0.00	31.32 0.06 0.00	29.10 0.03 0.00	24.09 0.20 0.00	21.19 0.12 0.00	24.28 0.18 0.00	31.71 0.05 0.00	31.34 0.10 0.00
GREENIDGE___4 23583	20.80 0.07 0.00	18.15 -0.12 0.00	15.96 -0.11 0.00	14.95 -0.12 0.00	13.95 -0.12 0.00	15.35 -0.07 0.00	14.30 -0.05 0.00	17.12 0.04 0.00	17.73 0.03 0.00	16.31 0.05 0.00	17.41 0.05 0.00	17.63 0.11 0.00	19.36 0.20 0.00	23.92 0.17 0.00	26.60 0.26 0.00	26.38 0.16 0.00	40.13 0.05 0.00	31.32 0.06 0.00	29.10 0.03 0.00	24.09 0.20 0.00	21.19 0.12 0.00	24.28 0.18 0.00	31.71 0.05 0.00	31.33 0.09 0.00
GREENLWN_69_KV_BK 3 55738	21.99 1.26 0.00	19.39 1.12 0.00	17.05 0.98 0.00	15.98 0.91 0.00	14.93 0.86 0.00	16.37 0.95 0.00	15.23 0.88 0.00	18.03 0.95 0.00	18.68 0.99 0.00	17.24 0.98 0.00	28.47 1.25 -9.87	29.50 1.37 -10.62	31.55 1.42 -10.97	35.42 1.82 -9.85	29.49 2.02 -1.13	28.29 2.08 0.00	42.65 2.56 0.00	33.06 1.81 0.00	31.16 2.09 0.00	25.78 1.90 0.00	24.39 1.88 -1.45	57.67 2.04 -31.52	45.64 2.58 -11.40	41.54 2.30 -8.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	21.98 1.25 0.00	19.35 1.09 0.00	17.05 0.98 0.00	16.01 0.95 0.00	14.93 0.86 0.00	16.32 0.91 0.00	15.18 0.83 0.00	18.06 0.98 0.00	18.73 1.03 0.00	17.28 1.02 0.00	18.57 1.22 0.00	18.88 1.36 0.00	20.61 1.45 0.00	25.58 1.84 0.00	28.44 2.10 0.00	28.44 2.23 0.00	43.01 2.93 0.00	33.49 2.23 0.00	31.45 2.38 0.00	25.94 2.05 0.00	22.90 1.83 0.00	26.14 2.04 0.00	34.25 2.59 0.00	33.42 2.18 0.00
GRISSOM___SOLAR 323813	22.83 2.10 0.00	20.06 1.79 0.00	17.59 1.52 0.00	16.46 1.39 0.00	15.35 1.28 0.00	16.85 1.43 0.00	15.67 1.33 0.00	18.75 1.66 0.00	19.32 1.62 0.00	17.63 1.37 0.00	18.89 1.54 0.00	18.82 1.30 0.00	20.55 1.39 0.00	25.50 1.74 0.00	28.27 1.93 0.00	28.17 1.96 0.00	43.34 3.25 0.00	34.43 3.17 0.00	32.12 3.05 0.00	26.55 2.66 0.00	23.41 2.34 0.00	26.82 2.72 0.00	35.09 3.43 0.00	34.36 3.12 0.00
GROVEVILLE___HYD 323602	21.97 1.24 0.00	19.35 1.08 0.00	17.04 0.98 0.00	16.01 0.94 0.00	14.92 0.86 0.00	16.33 0.91 0.00	15.19 0.84 0.00	18.07 0.98 0.00	18.72 1.02 0.00	17.25 0.99 0.00	18.51 1.16 0.00	18.80 1.28 0.00	20.55 1.39 0.00	25.55 1.80 0.00	28.39 2.06 0.00	28.40 2.19 0.00	43.20 3.11 0.00	33.67 2.42 0.00	31.55 2.48 0.00	25.94 2.06 0.00	22.90 1.83 0.00	26.12 2.02 0.00	34.24 2.58 0.00	33.45 2.21 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	20.68 -0.05 0.00	18.16 -0.11 0.00	15.97 -0.10 0.00	14.97 -0.09 0.00	13.97 -0.09 0.00	15.33 -0.09 0.00	14.27 -0.08 0.00	17.03 -0.06 0.00	17.65 -0.05 0.00	16.20 -0.06 0.00	17.28 -0.07 0.00	17.46 -0.05 0.00	19.12 -0.04 0.00	23.65 -0.10 0.00	26.24 -0.10 0.00	26.12 -0.10 0.00	39.92 -0.16 0.00	31.14 -0.11 0.00	28.99 -0.08 0.00	23.84 -0.04 0.00	21.00 -0.07 0.00	24.04 -0.07 0.00	31.51 -0.15 0.00	31.17 -0.07 0.00
HAMLTNNY_34_KV_TB 80303	20.68 -0.04 0.00	18.15 -0.11 0.00	15.97 -0.10 0.00	14.97 -0.10 0.00	13.97 -0.10 0.00	15.33 -0.09 0.00	14.27 -0.08 0.00	17.04 -0.05 0.00	17.66 -0.04 0.00	16.21 -0.05 0.00	17.30 -0.06 0.00	17.47 -0.04 0.00	19.15 -0.01 0.00	23.67 -0.08 0.00	26.27 -0.07 0.00	26.14 -0.07 0.00	39.97 -0.12 0.00	31.19 -0.06 0.00	29.02 -0.05 0.00	23.87 -0.02 0.00	21.02 -0.05 0.00	24.06 -0.04 0.00	31.53 -0.13 0.00	31.20 -0.05 0.00
HAMPSHIRE___PAPER_HYD 323593	21.12 0.38 0.00	18.59 0.32 0.00	16.26 0.19 0.00	15.17 0.11 0.00	14.16 0.10 0.00	15.49 0.07 0.00	14.41 0.06 0.00	17.34 0.25 0.00	18.03 0.33 0.00	16.53 0.27 0.00	17.55 0.20 0.00	17.72 0.21 0.00	19.42 0.25 0.00	24.08 0.33 0.00	26.65 0.31 0.00	26.64 0.43 0.00	40.91 0.83 0.00	31.96 0.70 0.00	29.55 0.48 0.00	24.19 0.30 0.00	21.28 0.21 0.00	24.26 0.15 0.00	31.94 0.28 0.00	31.39 0.16 0.00
HARDSCRABBLE_WT_PWR 323673	20.77 0.04 0.00	18.27 0.00 0.00	16.15 0.08 0.00	15.19 0.12 0.00	14.19 0.13 0.00	15.55 0.13 0.00	14.47 0.13 0.00	17.13 0.05 0.00	17.61 -0.08 0.00	16.15 -0.11 0.00	17.27 -0.08 0.00	17.46 -0.06 0.00	19.09 -0.08 0.00	23.75 0.00 0.00	26.31 -0.03 0.00	26.38 0.17 0.00	40.31 0.23 0.00	31.45 0.19 0.00	29.52 0.45 0.00	24.15 0.27 0.00	21.27 0.20 0.00	24.29 0.19 0.00	31.84 0.18 0.00	31.28 0.04 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	21.84 1.11 0.00	19.21 0.94 0.00	16.91 0.85 0.00	15.88 0.82 0.00	14.80 0.74 0.00	16.19 0.78 0.00	15.07 0.73 0.00	17.94 0.86 0.00	18.58 0.89 0.00	17.12 0.87 0.00	18.38 1.03 0.00	18.68 1.17 0.00	20.46 1.30 0.00	25.45 1.70 0.00	28.31 1.98 0.00	28.30 2.09 0.00	43.03 2.95 0.00	33.52 2.27 0.00	31.35 2.28 0.00	25.77 1.88 0.00	22.73 1.66 0.00	25.93 1.83 0.00	34.01 2.35 0.00	33.23 1.99 0.00
HARSNRAD_115KV_TB1 81005	20.14 -0.59 0.00	17.54 -0.73 0.00	15.39 -0.68 0.00	14.41 -0.66 0.00	13.44 -0.62 0.00	14.82 -0.59 0.00	13.77 -0.58 0.00	16.54 -0.55 0.00	17.25 -0.45 0.00	15.86 -0.39 0.00	16.90 -0.45 0.00	17.12 -0.40 0.00	18.88 -0.28 0.00	23.19 -0.55 0.00	25.68 -0.66 0.00	25.17 -1.05 0.00	38.37 -1.71 0.00	30.01 -1.25 0.00	27.90 -1.17 0.00	23.10 -0.79 0.00	20.30 -0.77 0.00	23.40 -0.71 0.00	30.44 -1.22 0.00	30.42 -0.82 0.00
HARZA MOOSE___RIVER 24016	21.26 0.53 0.00	18.68 0.41 0.00	16.37 0.30 0.00	15.29 0.23 0.00	14.27 0.20 0.00	15.62 0.20 0.00	14.52 0.17 0.00	17.45 0.37 0.00	18.13 0.44 0.00	16.62 0.36 0.00	17.65 0.30 0.00	17.84 0.33 0.00	19.53 0.37 0.00	24.24 0.49 0.00	26.86 0.52 0.00	26.84 0.63 0.00	41.13 1.04 0.00	32.15 0.89 0.00	29.84 0.77 0.00	24.44 0.55 0.00	21.51 0.44 0.00	24.48 0.38 0.00	32.22 0.56 0.00	31.66 0.42 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	20.58 -0.16 0.00	18.07 -0.20 0.00	15.89 -0.18 0.00	14.90 -0.17 0.00	13.90 -0.17 0.00	15.25 -0.16 0.00	14.19 -0.15 0.00	16.94 -0.15 0.00	17.56 -0.14 0.00	16.12 -0.14 0.00	17.19 -0.16 0.00	17.37 -0.14 0.00	19.02 -0.14 0.00	23.53 -0.22 0.00	26.10 -0.24 0.00	25.97 -0.25 0.00	39.68 -0.40 0.00	30.96 -0.30 0.00	28.82 -0.25 0.00	23.70 -0.19 0.00	20.88 -0.19 0.00	23.90 -0.20 0.00	31.33 -0.33 0.00	31.01 -0.23 0.00
HELLGATE_13_KV_LD 55870	21.87 1.14 0.00	19.28 1.01 0.00	16.99 0.92 0.00	15.96 0.89 0.00	14.88 0.82 0.00	16.27 0.85 0.00	15.13 0.79 0.00	17.99 0.91 0.00	18.66 0.96 0.00	17.22 0.96 0.00	18.51 1.15 0.00	18.80 1.28 0.00	20.54 1.38 0.00	25.48 1.74 0.00	28.31 1.98 0.00	28.32 2.11 0.00	42.95 2.86 0.00	33.43 2.18 0.00	31.38 2.31 0.00	25.84 1.95 0.00	22.80 1.73 0.00	26.05 1.94 0.00	34.13 2.47 0.00	33.31 2.07 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	21.87 1.14 0.00	19.28 1.01 0.00	16.99 0.92 0.00	15.96 0.89 0.00	14.88 0.82 0.00	16.27 0.85 0.00	15.13 0.79 0.00	17.99 0.91 0.00	18.66 0.96 0.00	17.22 0.96 0.00	18.51 1.15 0.00	18.80 1.28 0.00	20.54 1.38 0.00	25.48 1.74 0.00	28.31 1.98 0.00	28.32 2.11 0.00	42.95 2.86 0.00	33.43 2.18 0.00	31.38 2.31 0.00	25.84 1.95 0.00	22.80 1.73 0.00	26.05 1.94 0.00	34.13 2.47 0.00	33.31 2.07 0.00
HEMPSTEAD____ 23647	22.01 1.28 0.00	19.39 1.13 0.00	17.06 0.99 0.00	16.00 0.92 0.00	14.93 0.87 0.00	16.36 0.94 0.00	15.21 0.87 0.00	18.04 0.96 0.00	18.70 1.00 0.00	17.24 0.98 0.00	28.48 1.26 -9.87	29.53 1.40 -10.62	31.59 1.46 -10.97	35.44 1.84 -9.85	29.51 2.04 -1.13	28.29 2.08 0.00	42.62 2.63 0.09	32.94 1.89 0.20	31.21 2.14 0.00	25.80 1.91 0.00	24.35 1.83 -1.45	57.66 2.03 -31.52	45.69 2.62 -11.40	41.59 2.35 -8.00
HEWLETT__69_KV_BK3 55828	22.24 1.51 0.00	19.59 1.32 0.00	17.22 1.16 0.00	16.15 1.08 0.00	15.07 1.00 0.00	16.51 1.10 0.00	15.36 1.01 0.00	18.21 1.12 0.00	18.87 1.18 0.00	17.39 1.14 0.00	28.67 1.45 -9.87	29.72 1.59 -10.62	31.80 1.67 -10.97	35.69 2.08 -9.85	29.66 2.19 -1.13	28.47 2.25 0.00	43.02 2.91 -0.02	33.27 1.97 -0.04	31.38 2.31 0.00	25.98 2.09 0.00	24.53 2.01 -1.45	57.88 2.25 -31.52	46.07 3.00 -11.41	41.98 2.73 -8.00
HICKLING___1 23621	20.88 0.15 0.00	18.18 -0.09 0.00	16.01 -0.05 0.00	15.00 -0.07 0.00	13.99 -0.08 0.00	15.41 -0.01 0.00	14.37 0.02 0.00	17.24 0.15 0.00	17.84 0.14 0.00	16.41 0.15 0.00	17.58 0.23 0.00	17.82 0.30 0.00	19.58 0.42 0.00	24.12 0.37 0.00	26.93 0.59 0.00	26.64 0.43 0.00	40.58 0.50 0.00	31.56 0.31 0.00	29.29 0.22 0.00	24.16 0.27 0.00	21.22 0.15 0.00	24.36 0.25 0.00	31.94 0.28 0.00	31.61 0.37 0.00
HICKLING___2 23622	20.88 0.15 0.00	18.18 -0.09 0.00	16.01 -0.05 0.00	15.00 -0.07 0.00	13.99 -0.08 0.00	15.41 -0.01 0.00	14.37 0.02 0.00	17.24 0.15 0.00	17.84 0.14 0.00	16.41 0.15 0.00	17.58 0.23 0.00	17.82 0.30 0.00	19.58 0.42 0.00	24.12 0.37 0.00	26.93 0.59 0.00	26.64 0.43 0.00	40.58 0.50 0.00	31.56 0.31 0.00	29.29 0.22 0.00	24.16 0.27 0.00	21.22 0.15 0.00	24.36 0.25 0.00	31.94 0.28 0.00	31.61 0.37 0.00
HIGH FALLS___HY 23754	21.84 1.11 0.00	19.20 0.93 0.00	16.89 0.83 0.00	15.85 0.79 0.00	14.76 0.70 0.00	16.16 0.74 0.00	15.04 0.70 0.00	17.95 0.86 0.00	18.60 0.91 0.00	17.13 0.88 0.00	18.37 1.02 0.00	18.63 1.12 0.00	20.36 1.20 0.00	25.32 1.58 0.00	28.17 1.83 0.00	28.20 1.99 0.00	42.92 2.84 0.00	33.50 2.25 0.00	31.39 2.32 0.00	25.86 1.97 0.00	22.82 1.75 0.00	26.03 1.92 0.00	34.10 2.44 0.00	33.26 2.02 0.00
HILLBURN___GT 23639	21.80 1.07 0.00	19.17 0.90 0.00	16.88 0.82 0.00	15.86 0.79 0.00	14.78 0.72 0.00	16.17 0.75 0.00	15.05 0.70 0.00	17.91 0.83 0.00	18.55 0.86 0.00	17.10 0.84 0.00	18.36 1.01 0.00	18.66 1.15 0.00	20.43 1.27 0.00	25.40 1.65 0.00	28.25 1.91 0.00	28.24 2.03 0.00	42.89 2.80 0.00	33.40 2.14 0.00	31.24 2.17 0.00	25.69 1.80 0.00	22.66 1.59 0.00	25.86 1.76 0.00	33.94 2.28 0.00	33.18 1.94 0.00
HILLSIDE_115KV_TB1 80332	20.58 -0.15 0.00	17.95 -0.32 0.00	15.85 -0.22 0.00	14.86 -0.21 0.00	13.85 -0.22 0.00	15.23 -0.18 0.00	14.22 -0.13 0.00	17.06 -0.02 0.00	17.65 -0.05 0.00	16.21 -0.05 0.00	17.37 0.01 0.00	17.59 0.07 0.00	19.31 0.15 0.00	23.77 0.02 0.00	26.56 0.22 0.00	26.29 0.08 0.00	40.04 -0.04 0.00	31.14 -0.12 0.00	28.90 -0.17 0.00	23.81 -0.07 0.00	20.91 -0.16 0.00	24.00 -0.10 0.00	31.50 -0.16 0.00	31.21 -0.03 0.00
HISHELDN_WT_PWR 323625	20.40 -0.33 0.00	17.72 -0.54 0.00	15.52 -0.54 0.00	14.53 -0.54 0.00	13.57 -0.50 0.00	14.98 -0.43 0.00	13.90 -0.44 0.00	16.70 -0.38 0.00	17.37 -0.33 0.00	16.03 -0.23 0.00	17.16 -0.19 0.00	17.40 -0.11 0.00	19.19 0.02 0.00	23.59 -0.16 0.00	26.17 -0.17 0.00	25.66 -0.55 0.00	39.04 -1.05 0.00	30.41 -0.85 0.00	28.26 -0.81 0.00	23.35 -0.53 0.00	20.52 -0.55 0.00	23.72 -0.38 0.00	30.97 -0.69 0.00	30.76 -0.48 0.00
HOLTSVILLE_IC_1 23690	22.04 1.31 0.00	19.45 1.18 0.00	17.10 1.03 0.00	16.01 0.95 0.00	14.96 0.90 0.00	16.44 1.02 0.00	15.30 0.95 0.00	18.06 0.97 0.00	18.65 0.96 0.00	17.21 0.95 0.00	28.41 1.19 -9.87	29.46 1.33 -10.62	31.54 1.41 -10.97	35.42 1.82 -9.85	29.55 2.08 -1.13	28.32 2.11 0.00	42.56 2.47 0.00	33.01 1.75 0.00	31.15 2.08 0.00	25.82 1.94 0.00	24.50 1.98 -1.45	57.75 2.13 -31.52	45.74 2.67 -11.40	41.60 2.36 -8.00
HOLTSVILLE_IC_10 23699	22.12 1.39 0.00	19.51 1.24 0.00	17.15 1.08 0.00	16.06 0.99 0.00	15.00 0.94 0.00	16.49 1.08 0.00	15.35 1.00 0.00	18.12 1.03 0.00	18.70 1.01 0.00	17.26 1.00 0.00	28.47 1.25 -9.87	29.54 1.41 -10.62	31.64 1.50 -10.97	35.56 1.95 -9.85	29.70 2.23 -1.13	28.48 2.27 0.00	42.76 2.68 0.00	33.18 1.92 0.00	31.31 2.24 0.00	25.95 2.07 0.00	24.64 2.12 -1.45	57.90 2.27 -31.52	45.92 2.85 -11.40	41.76 2.52 -8.00
HOLTSVILLE_IC_2 23691	22.04 1.31 0.00	19.45 1.18 0.00	17.10 1.03 0.00	16.01 0.95 0.00	14.96 0.90 0.00	16.44 1.02 0.00	15.30 0.95 0.00	18.06 0.97 0.00	18.65 0.96 0.00	17.21 0.95 0.00	28.41 1.19 -9.87	29.46 1.33 -10.62	31.54 1.41 -10.97	35.42 1.82 -9.85	29.55 2.08 -1.13	28.32 2.11 0.00	42.56 2.47 0.00	33.01 1.75 0.00	31.15 2.08 0.00	25.82 1.94 0.00	24.50 1.98 -1.45	57.75 2.13 -31.52	45.74 2.67 -11.40	41.60 2.36 -8.00
HOLTSVILLE_IC_3 23692	22.04 1.31 0.00	19.45 1.18 0.00	17.10 1.03 0.00	16.01 0.95 0.00	14.96 0.90 0.00	16.44 1.02 0.00	15.30 0.95 0.00	18.06 0.97 0.00	18.65 0.96 0.00	17.21 0.95 0.00	28.41 1.19 -9.87	29.46 1.33 -10.62	31.54 1.41 -10.97	35.42 1.82 -9.85	29.55 2.08 -1.13	28.32 2.11 0.00	42.56 2.47 0.00	33.01 1.75 0.00	31.15 2.08 0.00	25.82 1.94 0.00	24.50 1.98 -1.45	57.75 2.13 -31.52	45.74 2.67 -11.40	41.60 2.36 -8.00

HOLTSVILLE_IC_4 23693	22.04 1.31 0.00	19.45 1.18 0.00	17.10 1.03 0.00	16.01 0.95 0.00	14.96 0.90 0.00	16.44 1.02 0.00	15.30 0.95 0.00	18.06 0.97 0.00	18.65 0.96 0.00	17.21 0.95 0.00	28.41 1.19 -9.87	29.46 1.33 -10.62	31.54 1.41 -10.97	35.42 1.82 -9.85	29.55 2.08 -1.13	28.32 2.11 0.00	42.56 2.47 0.00	33.01 1.75 0.00	31.15 2.08 0.00	25.82 1.94 0.00	24.50 1.98 -1.45	57.75 2.13 -31.52	45.74 2.67 -11.40	41.60 2.36 -8.00
HOLTSVILLE_IC_5 23694	22.04 1.31 0.00	19.45 1.18 0.00	17.10 1.03 0.00	16.01 0.95 0.00	14.96 0.90 0.00	16.44 1.02 0.00	15.30 0.95 0.00	18.06 0.97 0.00	18.65 0.96 0.00	17.21 0.95 0.00	28.41 1.19 -9.87	29.46 1.33 -10.62	31.54 1.41 -10.97	35.42 1.82 -9.85	29.55 2.08 -1.13	28.32 2.11 0.00	42.56 2.47 0.00	33.01 1.75 0.00	31.15 2.08 0.00	25.82 1.94 0.00	24.50 1.98 -1.45	57.75 2.13 -31.52	45.74 2.67 -11.40	41.60 2.36 -8.00
HOLTSVILLE_IC_6 23695	22.12 1.39 0.00	19.51 1.24 0.00	17.15 1.08 0.00	16.06 0.99 0.00	15.00 0.94 0.00	16.49 1.08 0.00	15.35 1.00 0.00	18.12 1.03 0.00	18.70 1.01 0.00	17.26 1.00 0.00	28.47 1.25 -9.87	29.54 1.41 -10.62	31.64 1.50 -10.97	35.56 1.95 -9.85	29.70 2.23 -1.13	28.48 2.27 0.00	42.76 2.68 0.00	33.18 1.92 0.00	31.31 2.24 0.00	25.95 2.07 0.00	24.64 2.12 -1.45	57.90 2.27 -31.52	45.92 2.85 -11.40	41.76 2.52 -8.00
HOLTSVILLE_IC_7 23696	22.12 1.39 0.00	19.51 1.24 0.00	17.15 1.08 0.00	16.06 0.99 0.00	15.00 0.94 0.00	16.49 1.08 0.00	15.35 1.00 0.00	18.12 1.03 0.00	18.70 1.01 0.00	17.26 1.00 0.00	28.47 1.25 -9.87	29.54 1.41 -10.62	31.64 1.50 -10.97	35.56 1.95 -9.85	29.70 2.23 -1.13	28.48 2.27 0.00	42.76 2.68 0.00	33.18 1.92 0.00	31.31 2.24 0.00	25.95 2.07 0.00	24.64 2.12 -1.45	57.90 2.27 -31.52	45.92 2.85 -11.40	41.76 2.52 -8.00
HOLTSVILLE_IC_8 23697	22.12 1.39 0.00	19.51 1.24 0.00	17.15 1.08 0.00	16.06 0.99 0.00	15.00 0.94 0.00	16.49 1.08 0.00	15.35 1.00 0.00	18.12 1.03 0.00	18.70 1.01 0.00	17.26 1.00 0.00	28.47 1.25 -9.87	29.54 1.41 -10.62	31.64 1.50 -10.97	35.56 1.95 -9.85	29.70 2.23 -1.13	28.48 2.27 0.00	42.76 2.68 0.00	33.18 1.92 0.00	31.31 2.24 0.00	25.95 2.07 0.00	24.64 2.12 -1.45	57.90 2.27 -31.52	45.92 2.85 -11.40	41.76 2.52 -8.00
HOLTSVILLE_IC_9 23698	22.12 1.39 0.00	19.51 1.24 0.00	17.15 1.08 0.00	16.06 0.99 0.00	15.00 0.94 0.00	16.49 1.08 0.00	15.35 1.00 0.00	18.12 1.03 0.00	18.70 1.01 0.00	17.26 1.00 0.00	28.47 1.25 -9.87	29.54 1.41 -10.62	31.64 1.50 -10.97	35.56 1.95 -9.85	29.70 2.23 -1.13	28.48 2.27 0.00	42.76 2.68 0.00	33.18 1.92 0.00	31.31 2.24 0.00	25.95 2.07 0.00	24.64 2.12 -1.45	57.90 2.27 -31.52	45.92 2.85 -11.40	41.76 2.52 -8.00
HOMER_HL_115KV_TB2 355744	20.74 0.01 0.00	18.01 -0.26 0.00	15.90 -0.17 0.00	14.93 -0.14 0.00	13.89 -0.17 0.00	15.30 -0.12 0.00	14.26 -0.08 0.00	17.17 0.09 0.00	17.83 0.13 0.00	16.39 0.13 0.00	17.57 0.22 0.00	17.82 0.30 0.00	19.54 0.38 0.00	23.96 0.20 0.00	26.64 0.30 0.00	26.25 0.04 0.00	40.06 -0.02 0.00	31.06 -0.20 0.00	28.84 -0.23 0.00	23.82 -0.06 0.00	20.89 -0.18 0.00	24.06 -0.04 0.00	31.54 -0.12 0.00	31.50 0.26 0.00
HOWARD_WT_PWR 323690	20.84 0.10 0.00	18.03 -0.24 0.00	15.78 -0.28 0.00	14.73 -0.34 0.00	13.72 -0.34 0.00	15.17 -0.24 0.00	14.18 -0.17 0.00	16.92 -0.16 0.00	17.51 -0.19 0.00	16.30 0.04 0.00	17.45 0.10 0.00	17.73 0.21 0.00	19.53 0.37 0.00	24.09 0.34 0.00	26.84 0.50 0.00	26.43 0.22 0.00	40.05 -0.03 0.00	30.99 -0.26 0.00	28.74 -0.33 0.00	23.84 -0.05 0.00	20.98 -0.09 0.00	24.16 0.06 0.00	31.67 0.01 0.00	31.50 0.26 0.00
HQ_GEN_CEDARS 23644	20.74 0.00 0.00	18.32 0.06 0.00	16.05 -0.02 0.00	15.02 -0.05 0.00	14.02 -0.04 0.00	15.33 -0.09 0.00	14.27 -0.07 0.00	17.05 -0.03 0.00	17.72 0.02 0.00	16.30 0.05 0.00	17.38 0.03 0.00	17.47 -0.04 0.00	19.13 -0.03 0.00	23.74 -0.01 0.00	26.34 0.00 0.00	26.19 -0.02 0.00	40.25 0.17 0.00	31.41 0.16 0.00	28.98 -0.09 0.00	23.78 -0.11 0.00	20.97 -0.10 0.00	24.01 -0.10 0.00	31.56 -0.10 0.00	31.11 -0.13 0.00
HQ_GEN_CEDARS_PROXY 323590	20.74 0.00 0.00	18.32 0.06 0.00	16.05 -0.02 0.00	15.02 -0.05 0.00	14.02 -0.04 0.00	15.33 -0.09 0.00	14.28 -0.07 0.00	17.05 -0.03 0.00	17.72 0.02 0.00	16.30 0.05 0.00	17.38 0.03 0.00	17.47 -0.04 0.00	19.13 -0.03 0.00	23.74 -0.01 0.00	26.34 0.00 0.00	26.19 -0.02 0.00	40.25 0.17 0.00	56.40 0.16 -24.99	-8.49 0.16 37.47	19.16 -0.10 4.62	20.97 -0.10 0.00	24.01 -0.10 0.00	31.56 -0.10 0.00	31.11 -0.13 0.00
HQ_GEN_IMPORT 323601	20.57 -0.16 0.00	18.16 -0.11 0.00	15.94 -0.13 0.00	14.94 -0.13 0.00	13.95 -0.12 0.00	15.25 -0.17 0.00	14.20 -0.15 0.00	16.92 -0.16 0.00	17.56 -0.14 0.00	16.14 -0.11 0.00	17.22 -0.14 0.00	17.32 -0.19 0.00	18.96 -0.20 0.00	23.51 -0.24 0.00	26.08 -0.26 0.00	25.93 -0.28 0.00	39.82 -0.27 0.00	56.05 -0.20 -24.99	-8.75 -0.34 37.47	18.97 -0.30 4.62	20.80 -0.27 0.00	23.82 -0.29 0.00	31.32 -0.34 0.00	30.92 -0.32 0.00
HQ_GEN_WHEEL 23651	20.57 -0.16 0.00	18.16 -0.11 0.00	15.94 -0.13 0.00	14.94 -0.13 0.00	13.95 -0.12 0.00	15.25 -0.17 0.00	14.20 -0.15 0.00	16.92 -0.16 0.00	17.56 -0.14 0.00	16.14 -0.11 0.00	17.22 -0.14 0.00	17.32 -0.19 0.00	18.96 -0.20 0.00	23.51 -0.24 0.00	26.08 -0.26 0.00	25.93 -0.28 0.00	39.82 -0.27 0.00	56.05 -0.20 -24.99	-8.75 -0.34 37.47	18.97 -0.30 4.62	20.80 -0.27 0.00	23.82 -0.29 0.00	31.32 -0.34 0.00	30.92 -0.32 0.00
HUDSON_AVE_GT_3 23810	21.91 1.19 0.00	19.31 1.04 0.00	17.01 0.94 0.00	15.98 0.91 0.00	14.90 0.84 0.00	16.30 0.88 0.00	15.15 0.81 0.00	18.03 0.95 0.00	18.69 1.00 0.00	17.24 0.99 0.00	18.53 1.18 0.00	18.84 1.33 0.00	20.58 1.42 0.00	25.55 1.80 0.00	28.41 2.07 0.00	28.39 2.18 0.00	43.01 2.93 0.00	33.47 2.21 0.00	31.41 2.34 0.00	25.87 1.98 0.00	22.84 1.77 0.00	26.08 1.98 0.00	34.19 2.53 0.00	33.37 2.13 0.00
HUDSON_AVE_GT_4 23540	21.91 1.19 0.00	19.31 1.04 0.00	17.01 0.94 0.00	15.98 0.91 0.00	14.90 0.84 0.00	16.30 0.88 0.00	15.15 0.81 0.00	18.03 0.95 0.00	18.69 1.00 0.00	17.24 0.99 0.00	18.53 1.18 0.00	18.84 1.33 0.00	20.58 1.42 0.00	25.55 1.80 0.00	28.41 2.07 0.00	28.39 2.18 0.00	43.01 2.93 0.00	33.47 2.21 0.00	31.41 2.34 0.00	25.87 1.98 0.00	22.84 1.77 0.00	26.08 1.98 0.00	34.19 2.53 0.00	33.37 2.13 0.00
HUDSON_AVE_GT_5 23657	21.91 1.19 0.00	19.31 1.04 0.00	17.01 0.94 0.00	15.98 0.91 0.00	14.90 0.84 0.00	16.30 0.88 0.00	15.15 0.81 0.00	18.03 0.95 0.00	18.69 1.00 0.00	17.24 0.99 0.00	18.53 1.18 0.00	18.84 1.33 0.00	20.58 1.42 0.00	25.55 1.80 0.00	28.41 2.07 0.00	28.39 2.18 0.00	43.01 2.93 0.00	33.47 2.21 0.00	31.41 2.34 0.00	25.87 1.98 0.00	22.84 1.77 0.00	26.08 1.98 0.00	34.19 2.53 0.00	33.37 2.13 0.00

HUDSON_AVE_10 24168	21.86 1.13 0.00	19.26 0.99 0.00	16.97 0.90 0.00	15.95 0.88 0.00	14.87 0.80 0.00	16.26 0.84 0.00	15.12 0.77 0.00	17.99 0.90 0.00	18.64 0.95 0.00	17.19 0.93 0.00	18.47 1.12 0.00	18.78 1.26 0.00	20.51 1.35 0.00	25.46 1.71 0.00	28.31 1.97 0.00	28.28 2.07 0.00	42.86 2.78 0.00	33.35 2.09 0.00	31.30 2.23 0.00	25.78 1.89 0.00	22.76 1.69 0.00	26.01 1.90 0.00	34.11 2.45 0.00	33.30 2.06 0.00
HUDSON___115KV_TB 4 355613	21.41 0.68 0.00	18.90 0.63 0.00	16.68 0.61 0.00	15.66 0.59 0.00	14.66 0.59 0.00	16.04 0.62 0.00	14.95 0.60 0.00	17.64 0.55 0.00	18.16 0.46 0.00	16.63 0.37 0.00	17.74 0.38 0.00	17.96 0.44 0.00	19.65 0.49 0.00	24.46 0.70 0.00	27.07 0.73 0.00	27.11 0.90 0.00	41.27 1.19 0.00	32.34 1.09 0.00	30.39 1.32 0.00	24.97 1.09 0.00	22.10 1.02 0.00	25.26 1.16 0.00	33.15 1.48 0.00	32.47 1.23 0.00
HUNTER MOUNT___DRP 323613	21.48 0.75 0.00	18.96 0.69 0.00	16.73 0.66 0.00	15.70 0.64 0.00	14.71 0.65 0.00	16.10 0.68 0.00	15.01 0.66 0.00	17.70 0.61 0.00	18.19 0.50 0.00	16.64 0.38 0.00	17.73 0.37 0.00	17.95 0.44 0.00	19.66 0.50 0.00	24.46 0.71 0.00	27.06 0.72 0.00	27.08 0.87 0.00	41.20 1.11 0.00	32.39 1.14 0.00	30.47 1.40 0.00	25.03 1.14 0.00	22.17 1.09 0.00	25.36 1.26 0.00	33.26 1.60 0.00	32.59 1.35 0.00
HUNTINGTON_RES_REC 323705	22.06 1.33 0.00	19.44 1.18 0.00	17.09 1.03 0.00	16.01 0.94 0.00	14.96 0.90 0.00	16.42 1.00 0.00	15.27 0.93 0.00	18.06 0.98 0.00	18.70 1.00 0.00	17.26 1.00 0.00	28.48 1.26 -9.87	29.54 1.41 -10.62	31.61 1.48 -10.97	35.52 1.92 -9.85	29.65 2.18 -1.13	28.43 2.22 0.00	42.77 2.68 0.00	33.17 1.92 0.00	31.26 2.20 0.00	25.90 2.01 0.00	24.55 2.03 -1.45	57.82 2.19 -31.52	45.81 2.74 -11.40	41.66 2.42 -8.00
HUNTLEY___63 23557	20.28 -0.45 0.00	17.66 -0.60 0.00	15.50 -0.57 0.00	14.51 -0.56 0.00	13.54 -0.52 0.00	14.92 -0.49 0.00	13.87 -0.48 0.00	16.66 -0.43 0.00	17.37 -0.33 0.00	15.98 -0.28 0.00	17.05 -0.31 0.00	17.28 -0.24 0.00	19.06 -0.10 0.00	23.42 -0.33 0.00	25.94 -0.39 0.00	25.42 -0.79 0.00	38.77 -1.32 0.00	30.30 -0.95 0.00	28.17 -0.91 0.00	23.29 -0.59 0.00	20.48 -0.60 0.00	23.60 -0.50 0.00	30.70 -0.96 0.00	30.63 -0.61 0.00
HUNTLEY___64 23558	20.28 -0.45 0.00	17.66 -0.60 0.00	15.50 -0.57 0.00	14.51 -0.56 0.00	13.54 -0.52 0.00	14.92 -0.49 0.00	13.87 -0.48 0.00	16.66 -0.43 0.00	17.37 -0.33 0.00	15.98 -0.28 0.00	17.05 -0.31 0.00	17.28 -0.24 0.00	19.06 -0.10 0.00	23.42 -0.33 0.00	25.94 -0.39 0.00	25.42 -0.79 0.00	38.77 -1.32 0.00	30.30 -0.95 0.00	28.17 -0.91 0.00	23.29 -0.59 0.00	20.48 -0.60 0.00	23.60 -0.50 0.00	30.70 -0.96 0.00	30.63 -0.61 0.00
HUNTLEY___65 23559	20.28 -0.45 0.00	17.66 -0.60 0.00	15.50 -0.57 0.00	14.51 -0.56 0.00	13.54 -0.52 0.00	14.92 -0.49 0.00	13.87 -0.48 0.00	16.66 -0.43 0.00	17.37 -0.33 0.00	15.98 -0.28 0.00	17.05 -0.31 0.00	17.28 -0.24 0.00	19.06 -0.10 0.00	23.42 -0.33 0.00	25.94 -0.39 0.00	25.42 -0.79 0.00	38.77 -1.32 0.00	30.30 -0.95 0.00	28.17 -0.91 0.00	23.29 -0.59 0.00	20.48 -0.60 0.00	23.60 -0.50 0.00	30.70 -0.96 0.00	30.63 -0.61 0.00
HUNTLEY___66 23560	20.28 -0.45 0.00	17.66 -0.60 0.00	15.50 -0.57 0.00	14.51 -0.56 0.00	13.54 -0.52 0.00	14.92 -0.49 0.00	13.87 -0.48 0.00	16.66 -0.43 0.00	17.37 -0.33 0.00	15.98 -0.28 0.00	17.05 -0.31 0.00	17.28 -0.24 0.00	19.06 -0.10 0.00	23.42 -0.33 0.00	25.94 -0.39 0.00	25.42 -0.79 0.00	38.77 -1.32 0.00	30.30 -0.95 0.00	28.17 -0.91 0.00	23.29 -0.59 0.00	20.48 -0.60 0.00	23.60 -0.50 0.00	30.70 -0.96 0.00	30.63 -0.61 0.00
HUNTLEY___67 23561	20.20 -0.53 0.00	17.58 -0.68 0.00	15.44 -0.63 0.00	14.45 -0.61 0.00	13.49 -0.58 0.00	14.86 -0.55 0.00	13.81 -0.53 0.00	16.60 -0.49 0.00	17.28 -0.41 0.00	15.91 -0.35 0.00	16.98 -0.37 0.00	17.20 -0.32 0.00	18.97 -0.19 0.00	23.29 -0.46 0.00	25.82 -0.51 0.00	25.32 -0.89 0.00	38.62 -1.46 0.00	30.16 -1.10 0.00	28.02 -1.05 0.00	23.17 -0.72 0.00	20.36 -0.72 0.00	23.47 -0.63 0.00	30.55 -1.11 0.00	30.47 -0.77 0.00
HUNTLEY___68 23562	20.20 -0.53 0.00	17.58 -0.68 0.00	15.44 -0.63 0.00	14.45 -0.61 0.00	13.49 -0.58 0.00	14.86 -0.55 0.00	13.81 -0.53 0.00	16.60 -0.49 0.00	17.28 -0.41 0.00	15.91 -0.35 0.00	16.98 -0.37 0.00	17.20 -0.32 0.00	18.97 -0.19 0.00	23.29 -0.46 0.00	25.82 -0.51 0.00	25.32 -0.89 0.00	38.62 -1.46 0.00	30.16 -1.10 0.00	28.02 -1.05 0.00	23.17 -0.72 0.00	20.36 -0.72 0.00	23.47 -0.63 0.00	30.55 -1.11 0.00	30.47 -0.77 0.00
HYLAND___LFGE 323620	21.27 0.54 0.00	18.49 0.22 0.00	16.19 0.12 0.00	15.14 0.07 0.00	14.14 0.07 0.00	15.59 0.18 0.00	14.51 0.17 0.00	17.32 0.23 0.00	17.62 -0.08 0.00	16.25 -0.01 0.00	17.34 -0.01 0.00	17.59 0.07 0.00	19.37 0.21 0.00	23.94 0.19 0.00	26.65 0.31 0.00	26.29 0.08 0.00	40.00 -0.09 0.00	31.26 0.00 0.00	29.19 0.12 0.00	24.31 0.43 0.00	21.67 0.59 0.00	25.01 0.90 0.00	32.58 0.91 0.00	32.20 0.95 0.00
INDECK___CORINTH 23802	22.21 1.48 0.00	19.58 1.31 0.00	17.28 1.21 0.00	16.21 1.14 0.00	15.12 1.05 0.00	16.57 1.15 0.00	15.39 1.04 0.00	18.24 1.16 0.00	18.84 1.15 0.00	17.29 1.03 0.00	18.36 1.00 0.00	18.58 1.06 0.00	20.21 1.05 0.00	24.93 1.18 0.00	27.31 0.98 0.00	27.32 1.11 0.00	41.89 1.81 0.00	32.92 1.67 0.00	30.76 1.69 0.00	25.07 1.18 0.00	22.23 1.16 0.00	25.40 1.30 0.00	33.40 1.74 0.00	33.44 2.20 0.00
INDECK___ILION 23567	20.78 0.05 0.00	18.29 0.02 0.00	16.13 0.06 0.00	15.15 0.09 0.00	14.15 0.09 0.00	15.51 0.09 0.00	14.44 0.09 0.00	17.13 0.05 0.00	17.67 -0.02 0.00	16.22 -0.04 0.00	17.32 -0.03 0.00	17.51 -0.01 0.00	19.15 -0.02 0.00	23.78 0.03 0.00	26.36 0.02 0.00	26.34 0.13 0.00	40.27 0.18 0.00	31.41 0.16 0.00	29.41 0.34 0.00	24.13 0.24 0.00	21.28 0.21 0.00	24.33 0.23 0.00	31.91 0.25 0.00	31.41 0.17 0.00
INDECK___OLEAN 23982	20.74 0.01 0.00	18.01 -0.26 0.00	15.90 -0.17 0.00	14.93 -0.14 0.00	13.89 -0.17 0.00	15.30 -0.12 0.00	14.26 -0.08 0.00	17.17 0.09 0.00	17.82 0.13 0.00	16.39 0.13 0.00	17.57 0.22 0.00	17.82 0.30 0.00	19.55 0.39 0.00	23.97 0.22 0.00	26.63 0.30 0.00	26.25 0.04 0.00	40.07 -0.01 0.00	31.06 -0.20 0.00	28.84 -0.23 0.00	23.82 -0.06 0.00	20.89 -0.18 0.00	24.06 -0.04 0.00	31.54 -0.12 0.00	31.50 0.26 0.00
INDECK___OSWEGO 23783	20.39 -0.33 0.00	17.93 -0.34 0.00	15.76 -0.31 0.00	14.77 -0.30 0.00	13.78 -0.28 0.00	15.12 -0.30 0.00	14.07 -0.28 0.00	16.79 -0.29 0.00	17.41 -0.29 0.00	15.97 -0.29 0.00	17.02 -0.34 0.00	17.18 -0.33 0.00	18.80 -0.36 0.00	23.21 -0.54 0.00	25.72 -0.62 0.00	25.63 -0.58 0.00	39.16 -0.93 0.00	30.56 -0.70 0.00	28.45 -0.63 0.00	23.39 -0.50 0.00	20.61 -0.46 0.00	23.58 -0.52 0.00	30.95 -0.71 0.00	30.66 -0.58 0.00

INDECK___YERKES 23781	20.30 -0.43 0.00	17.68 -0.59 0.00	15.51 -0.56 0.00	14.52 -0.55 0.00	13.55 -0.51 0.00	14.94 -0.48 0.00	13.88 -0.47 0.00	16.67 -0.41 0.00	17.38 -0.32 0.00	15.99 -0.27 0.00	17.06 -0.30 0.00	17.29 -0.22 0.00	19.08 -0.08 0.00	23.45 -0.30 0.00	25.96 -0.38 0.00	25.44 -0.77 0.00	38.81 -1.27 0.00	30.33 -0.92 0.00	28.19 -0.88 0.00	23.32 -0.57 0.00	20.49 -0.58 0.00	23.63 -0.47 0.00	30.73 -0.93 0.00	30.66 -0.58 0.00
INDIAN POINT_GT_1 24139	21.77 1.04 0.00	19.18 0.91 0.00	16.90 0.83 0.00	15.87 0.80 0.00	14.80 0.73 0.00	16.18 0.77 0.00	15.05 0.71 0.00	17.91 0.83 0.00	18.55 0.85 0.00	17.09 0.84 0.00	18.35 1.00 0.00	18.65 1.13 0.00	20.38 1.22 0.00	25.33 1.58 0.00	28.15 1.81 0.00	28.14 1.93 0.00	42.72 2.63 0.00	33.25 2.00 0.00	31.15 2.08 0.00	25.63 1.74 0.00	22.62 1.55 0.00	25.83 1.72 0.00	33.88 2.22 0.00	33.12 1.88 0.00
INDIAN POINT_GT_2 23659	21.77 1.04 0.00	19.18 0.91 0.00	16.90 0.83 0.00	15.87 0.80 0.00	14.80 0.73 0.00	16.18 0.77 0.00	15.05 0.71 0.00	17.91 0.83 0.00	18.55 0.85 0.00	17.09 0.84 0.00	18.35 1.00 0.00	18.65 1.13 0.00	20.38 1.22 0.00	25.33 1.58 0.00	28.15 1.81 0.00	28.14 1.93 0.00	42.72 2.63 0.00	33.25 2.00 0.00	31.15 2.08 0.00	25.63 1.74 0.00	22.62 1.55 0.00	25.83 1.72 0.00	33.88 2.22 0.00	33.12 1.88 0.00
INDIAN POINT_GT_3 24019	21.77 1.04 0.00	19.18 0.91 0.00	16.90 0.83 0.00	15.87 0.80 0.00	14.80 0.73 0.00	16.18 0.77 0.00	15.05 0.71 0.00	17.91 0.83 0.00	18.55 0.85 0.00	17.09 0.84 0.00	18.35 1.00 0.00	18.65 1.13 0.00	20.38 1.22 0.00	25.33 1.58 0.00	28.15 1.81 0.00	28.14 1.93 0.00	42.72 2.63 0.00	33.25 2.00 0.00	31.15 2.08 0.00	25.63 1.74 0.00	22.62 1.55 0.00	25.83 1.72 0.00	33.88 2.22 0.00	33.12 1.88 0.00
INDIAN POINT___2 23530	21.76 1.03 0.00	19.16 0.89 0.00	16.87 0.81 0.00	15.85 0.78 0.00	14.78 0.71 0.00	16.16 0.75 0.00	15.04 0.69 0.00	17.90 0.81 0.00	18.53 0.84 0.00	17.08 0.82 0.00	18.33 0.98 0.00	18.63 1.12 0.00	20.38 1.21 0.00	25.31 1.56 0.00	28.13 1.80 0.00	28.12 1.91 0.00	42.69 2.61 0.00	33.24 1.98 0.00	31.13 2.06 0.00	25.61 1.72 0.00	22.60 1.53 0.00	25.79 1.69 0.00	33.86 2.19 0.00	33.09 1.86 0.00
INDIAN POINT___3 23531	21.76 1.03 0.00	19.17 0.90 0.00	16.88 0.82 0.00	15.86 0.79 0.00	14.79 0.72 0.00	16.18 0.76 0.00	15.05 0.70 0.00	17.90 0.82 0.00	18.54 0.84 0.00	17.08 0.82 0.00	18.34 0.99 0.00	18.63 1.12 0.00	20.37 1.21 0.00	25.31 1.56 0.00	28.13 1.79 0.00	28.11 1.90 0.00	42.69 2.60 0.00	33.22 1.97 0.00	31.13 2.06 0.00	25.61 1.72 0.00	22.60 1.53 0.00	25.79 1.69 0.00	33.85 2.19 0.00	33.09 1.86 0.00
INGHAM_C_115KV_TB7 356103	20.70 -0.03 0.00	18.20 -0.07 0.00	16.11 0.04 0.00	15.17 0.10 0.00	14.18 0.12 0.00	15.53 0.12 0.00	14.46 0.11 0.00	17.09 0.00 0.00	17.52 -0.18 0.00	16.05 -0.20 0.00	17.18 -0.18 0.00	17.37 -0.15 0.00	18.98 -0.19 0.00	23.65 -0.10 0.00	26.19 -0.15 0.00	26.32 0.11 0.00	40.22 0.13 0.00	31.38 0.12 0.00	29.60 0.53 0.00	24.24 0.36 0.00	21.37 0.30 0.00	24.43 0.33 0.00	31.99 0.33 0.00	31.40 0.16 0.00
IP CORINTH___1 23988	22.21 1.48 0.00	19.58 1.31 0.00	17.28 1.21 0.00	16.21 1.14 0.00	15.12 1.05 0.00	16.57 1.15 0.00	15.39 1.04 0.00	18.24 1.16 0.00	18.84 1.15 0.00	17.29 1.03 0.00	18.36 1.00 0.00	18.58 1.06 0.00	20.23 1.07 0.00	24.98 1.23 0.00	27.42 1.08 0.00	27.46 1.25 0.00	42.10 2.02 0.00	33.10 1.84 0.00	30.93 1.86 0.00	25.21 1.32 0.00	22.35 1.28 0.00	25.53 1.43 0.00	33.56 1.90 0.00	33.46 2.22 0.00
IP___TICONDEROGA 23804	23.28 2.56 0.00	20.52 2.26 0.00	18.18 2.11 0.00	16.97 1.91 0.00	15.75 1.69 0.00	17.29 1.87 0.00	15.99 1.64 0.00	18.95 1.87 0.00	19.60 1.90 0.00	17.99 1.74 0.00	19.22 1.87 0.00	19.46 1.95 0.00	21.24 2.08 0.00	26.44 2.69 0.00	29.14 2.80 0.00	29.39 3.18 0.00	44.54 4.45 0.00	35.13 3.87 0.00	32.66 3.59 0.00	26.39 2.50 0.00	23.43 2.36 0.00	26.66 2.55 0.00	35.13 3.46 0.00	34.81 3.57 0.00
ISLIP_RES_REC 323679	22.19 1.46 0.00	19.57 1.30 0.00	17.19 1.13 0.00	16.10 1.04 0.00	15.04 0.98 0.00	16.54 1.12 0.00	15.39 1.04 0.00	18.17 1.08 0.00	18.77 1.07 0.00	17.31 1.06 0.00	28.54 1.32 -9.87	29.61 1.48 -10.62	31.72 1.59 -10.97	35.68 2.08 -9.85	29.83 2.36 -1.13	28.63 2.41 0.00	42.96 2.87 0.00	33.34 2.08 0.00	31.46 2.39 0.00	26.08 2.19 0.00	24.75 2.23 -1.45	58.02 2.40 -31.52	46.07 3.01 -11.40	41.89 2.65 -8.00
JAMAICA__27_KV_LOAD 355505	22.01 1.28 0.00	19.38 1.11 0.00	17.09 1.02 0.00	16.07 1.00 0.00	14.98 0.91 0.00	16.37 0.96 0.00	15.22 0.88 0.00	18.10 1.01 0.00	18.76 1.06 0.00	17.29 1.03 0.00	18.56 1.21 0.00	18.86 1.35 0.00	20.61 1.45 0.00	25.59 1.84 0.00	28.45 2.11 0.00	28.38 2.17 0.00	43.04 2.96 0.00	33.50 2.24 0.00	31.44 2.37 0.00	25.89 2.01 0.00	22.87 1.80 0.00	26.19 2.08 0.00	34.39 2.73 0.00	33.55 2.31 0.00
JANIS___SOLAR 323808	21.51 0.78 0.00	18.83 0.56 0.00	16.56 0.49 0.00	15.49 0.42 0.00	14.44 0.37 0.00	15.87 0.45 0.00	14.78 0.43 0.00	17.64 0.55 0.00	18.17 0.47 0.00	16.58 0.32 0.00	17.68 0.33 0.00	17.85 0.33 0.00	19.54 0.38 0.00	24.14 0.39 0.00	26.84 0.51 0.00	26.79 0.58 0.00	41.19 1.10 0.00	32.35 1.09 0.00	30.22 1.15 0.00	25.02 1.13 0.00	22.09 1.02 0.00	25.29 1.19 0.00	33.05 1.39 0.00	32.41 1.17 0.00
JARVIS____ 23743	20.77 0.04 0.00	18.30 0.04 0.00	16.10 0.03 0.00	15.11 0.04 0.00	14.10 0.04 0.00	15.45 0.04 0.00	14.38 0.03 0.00	17.12 0.04 0.00	17.73 0.03 0.00	16.27 0.02 0.00	17.37 0.02 0.00	17.55 0.03 0.00	19.20 0.04 0.00	23.80 0.05 0.00	26.39 0.05 0.00	26.29 0.08 0.00	40.16 0.08 0.00	31.32 0.06 0.00	29.18 0.11 0.00	23.98 0.09 0.00	21.15 0.08 0.00	24.18 0.07 0.00	31.76 0.09 0.00	31.33 0.09 0.00
JENNISON___1 23625	21.66 0.93 0.00	18.97 0.70 0.00	16.70 0.63 0.00	15.64 0.57 0.00	14.58 0.51 0.00	16.01 0.60 0.00	14.92 0.57 0.00	17.84 0.75 0.00	18.45 0.75 0.00	16.90 0.64 0.00	18.07 0.71 0.00	18.27 0.76 0.00	20.02 0.85 0.00	24.71 0.96 0.00	27.51 1.17 0.00	27.42 1.20 0.00	41.99 1.91 0.00	32.84 1.58 0.00	30.63 1.56 0.00	25.27 1.38 0.00	22.28 1.21 0.00	25.48 1.38 0.00	33.33 1.67 0.00	32.68 1.44 0.00
JENNISON___2 23626	21.66 0.93 0.00	18.97 0.70 0.00	16.70 0.63 0.00	15.64 0.57 0.00	14.58 0.51 0.00	16.01 0.60 0.00	14.92 0.57 0.00	17.84 0.75 0.00	18.45 0.75 0.00	16.90 0.64 0.00	18.07 0.71 0.00	18.27 0.76 0.00	20.02 0.85 0.00	24.71 0.96 0.00	27.51 1.17 0.00	27.42 1.20 0.00	41.99 1.91 0.00	32.84 1.58 0.00	30.63 1.56 0.00	25.27 1.38 0.00	22.28 1.21 0.00	25.48 1.38 0.00	33.33 1.67 0.00	32.68 1.44 0.00

JERICO_RISE_WT_PWR 323719	20.95 0.22 0.00	18.53 0.27 0.00	16.24 0.17 0.00	15.14 0.08 0.00	14.15 0.09 0.00	15.47 0.05 0.00	14.43 0.08 0.00	17.28 0.19 0.00	17.98 0.28 0.00	16.54 0.28 0.00	17.63 0.28 0.00	17.76 0.25 0.00	19.41 0.25 0.00	24.15 0.40 0.00	26.78 0.44 0.00	26.76 0.55 0.00	41.05 0.97 0.00	32.14 0.88 0.00	29.63 0.56 0.00	24.13 0.25 0.00	21.30 0.23 0.00	24.42 0.32 0.00	32.09 0.43 0.00	31.60 0.36 0.00
KATONAH__115KV_46KV_TB4 355592	21.88 1.15 0.00	19.28 1.01 0.00	16.99 0.92 0.00	15.95 0.89 0.00	14.88 0.82 0.00	16.28 0.86 0.00	15.14 0.80 0.00	18.01 0.93 0.00	18.67 0.97 0.00	17.21 0.95 0.00	18.49 1.13 0.00	18.77 1.26 0.00	20.52 1.36 0.00	25.50 1.75 0.00	28.33 1.99 0.00	28.33 2.11 0.00	43.01 2.93 0.00	33.49 2.23 0.00	31.39 2.32 0.00	25.83 1.94 0.00	22.79 1.72 0.00	26.01 1.90 0.00	34.11 2.45 0.00	33.32 2.08 0.00
KCE_NY_1 323755	21.91 1.18 0.00	19.33 1.06 0.00	17.06 0.99 0.00	16.01 0.94 0.00	14.96 0.89 0.00	16.38 0.97 0.00	15.23 0.89 0.00	18.06 0.97 0.00	18.62 0.92 0.00	17.07 0.81 0.00	18.23 0.87 0.00	18.44 0.92 0.00	20.14 0.97 0.00	25.04 1.29 0.00	27.63 1.29 0.00	27.66 1.44 0.00	42.28 2.19 0.00	33.05 1.80 0.00	30.99 1.92 0.00	25.37 1.48 0.00	22.41 1.34 0.00	25.61 1.51 0.00	33.66 1.99 0.00	33.17 1.93 0.00
KCE_NY_6_ESR 323823	20.43 -0.30 0.00	17.77 -0.50 0.00	15.60 -0.47 0.00	14.61 -0.46 0.00	13.62 -0.44 0.00	15.02 -0.40 0.00	13.96 -0.38 0.00	16.79 -0.30 0.00	17.47 -0.23 0.00	16.09 -0.17 0.00	17.20 -0.15 0.00	17.44 -0.08 0.00	19.24 0.08 0.00	23.63 -0.12 0.00	26.21 -0.13 0.00	25.69 -0.52 0.00	39.20 -0.89 0.00	30.56 -0.69 0.00	28.39 -0.68 0.00	23.47 -0.42 0.00	20.63 -0.44 0.00	23.79 -0.31 0.00	30.98 -0.68 0.00	30.86 -0.38 0.00
KEDC_PORT_JEFF_GT2 24210	22.10 1.37 0.00	19.49 1.23 0.00	17.13 1.06 0.00	16.05 0.98 0.00	14.99 0.93 0.00	16.48 1.06 0.00	15.33 0.98 0.00	18.10 1.02 0.00	18.69 0.99 0.00	17.25 1.00 0.00	28.47 1.24 -9.87	29.53 1.40 -10.62	31.62 1.49 -10.97	35.54 1.94 -9.85	29.68 2.21 -1.13	28.44 2.23 0.00	42.53 2.45 0.00	32.99 1.74 0.00	31.13 2.06 0.00	25.82 1.93 0.00	24.61 2.10 -1.45	57.87 2.25 -31.52	45.88 2.82 -11.40	41.72 2.48 -8.00
KEDC_PORT_JEFF_GT3 24211	22.10 1.37 0.00	19.49 1.23 0.00	17.13 1.06 0.00	16.05 0.98 0.00	14.99 0.93 0.00	16.48 1.06 0.00	15.33 0.98 0.00	18.10 1.02 0.00	18.69 0.99 0.00	17.25 1.00 0.00	28.47 1.24 -9.87	29.53 1.40 -10.62	31.62 1.49 -10.97	35.54 1.94 -9.85	29.68 2.21 -1.13	28.44 2.23 0.00	42.53 2.45 0.00	32.99 1.74 0.00	31.13 2.06 0.00	25.82 1.93 0.00	24.61 2.10 -1.45	57.87 2.25 -31.52	45.88 2.82 -11.40	41.72 2.48 -8.00
KEDC_GLWD_GT4 24219	22.06 1.33 0.00	19.43 1.16 0.00	17.10 1.04 0.00	16.04 0.98 0.00	14.97 0.91 0.00	16.39 0.98 0.00	15.25 0.90 0.00	18.10 1.01 0.00	18.76 1.07 0.00	17.30 1.04 0.00	28.53 1.31 -9.87	29.58 1.45 -10.62	31.68 1.54 -10.97	35.56 1.96 -9.85	29.58 2.10 -1.13	28.33 2.12 0.00	42.81 2.77 0.05	33.18 2.03 0.11	31.29 2.22 0.00	25.81 1.93 0.00	24.32 1.80 -1.45	57.64 2.01 -31.52	45.80 2.73 -11.40	41.64 2.40 -8.00
KEDC_GLWD_GT5 24220	22.06 1.33 0.00	19.43 1.16 0.00	17.10 1.04 0.00	16.04 0.98 0.00	14.97 0.91 0.00	16.39 0.98 0.00	15.25 0.90 0.00	18.10 1.01 0.00	18.76 1.07 0.00	17.30 1.04 0.00	28.53 1.31 -9.87	29.58 1.45 -10.62	31.68 1.54 -10.97	35.56 1.96 -9.85	29.58 2.10 -1.13	28.33 2.12 0.00	42.81 2.77 0.05	33.18 2.03 0.11	31.29 2.22 0.00	25.81 1.93 0.00	24.32 1.80 -1.45	57.64 2.01 -31.52	45.80 2.73 -11.40	41.64 2.40 -8.00
KENSICO____ 23655	21.83 1.10 0.00	19.22 0.96 0.00	16.94 0.87 0.00	15.91 0.84 0.00	14.84 0.77 0.00	16.23 0.81 0.00	15.09 0.75 0.00	17.95 0.87 0.00	18.60 0.90 0.00	17.14 0.88 0.00	18.41 1.06 0.00	18.71 1.19 0.00	20.44 1.28 0.00	25.39 1.64 0.00	28.22 1.88 0.00	28.20 1.99 0.00	42.80 2.71 0.00	33.30 2.05 0.00	31.23 2.16 0.00	25.70 1.81 0.00	22.69 1.62 0.00	25.89 1.79 0.00	33.97 2.31 0.00	33.20 1.96 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	21.81 1.08 0.00	19.17 0.91 0.00	16.87 0.80 0.00	15.83 0.77 0.00	14.76 0.69 0.00	16.15 0.73 0.00	15.04 0.70 0.00	17.93 0.85 0.00	18.56 0.86 0.00	17.07 0.82 0.00	18.30 0.95 0.00	18.57 1.05 0.00	20.29 1.13 0.00	25.24 1.50 0.00	28.07 1.73 0.00	28.11 1.90 0.00	42.78 2.70 0.00	33.44 2.19 0.00	31.31 2.25 0.00	25.79 1.90 0.00	22.77 1.70 0.00	25.97 1.87 0.00	34.03 2.37 0.00	33.20 1.96 0.00
KIAC_JFK_GT1 23816	21.88 1.15 0.00	19.28 1.01 0.00	17.00 0.94 0.00	15.98 0.91 0.00	14.90 0.83 0.00	16.29 0.87 0.00	15.14 0.80 0.00	18.00 0.92 0.00	18.66 0.97 0.00	17.20 0.95 0.00	18.46 1.11 0.00	18.76 1.25 0.00	20.50 1.34 0.00	25.45 1.70 0.00	28.29 1.95 0.00	28.19 1.98 0.00	42.66 2.57 0.00	33.18 1.93 0.00	31.14 2.07 0.00	25.65 1.76 0.00	22.66 1.59 0.00	26.02 1.91 0.00	34.19 2.53 0.00	33.36 2.12 0.00
KIAC_JFK_GT2 23817	21.88 1.15 0.00	19.28 1.01 0.00	17.00 0.94 0.00	15.98 0.91 0.00	14.90 0.83 0.00	16.29 0.87 0.00	15.14 0.80 0.00	18.00 0.92 0.00	18.66 0.97 0.00	17.20 0.95 0.00	18.46 1.11 0.00	18.76 1.25 0.00	20.50 1.34 0.00	25.45 1.70 0.00	28.29 1.95 0.00	28.19 1.98 0.00	42.66 2.57 0.00	33.18 1.93 0.00	31.14 2.07 0.00	25.65 1.76 0.00	22.66 1.59 0.00	26.02 1.91 0.00	34.19 2.53 0.00	33.36 2.12 0.00
KIAC_JFK____ 323774	21.88 1.15 0.00	19.28 1.01 0.00	17.00 0.94 0.00	15.98 0.91 0.00	14.90 0.84 0.00	16.29 0.87 0.00	15.14 0.80 0.00	18.00 0.92 0.00	18.66 0.97 0.00	17.20 0.95 0.00	18.46 1.11 0.00	18.76 1.25 0.00	20.50 1.34 0.00	25.44 1.69 0.00	28.29 1.95 0.00	28.19 1.99 0.00	42.65 2.57 0.00	33.18 1.93 0.00	31.14 2.07 0.00	25.65 1.76 0.00	22.66 1.59 0.00	26.02 1.91 0.00	34.20 2.53 0.00	33.36 2.12 0.00
KINTIGH____ 23543	20.18 -0.55 0.00	17.61 -0.65 0.00	15.47 -0.60 0.00	14.49 -0.58 0.00	13.52 -0.54 0.00	14.89 -0.53 0.00	13.84 -0.51 0.00	16.61 -0.48 0.00	17.28 -0.41 0.00	15.89 -0.37 0.00	16.94 -0.41 0.00	17.14 -0.37 0.00	18.88 -0.28 0.00	23.22 -0.53 0.00	25.73 -0.61 0.00	25.30 -0.91 0.00	38.62 -1.46 0.00	30.15 -1.11 0.00	28.03 -1.05 0.00	23.15 -0.74 0.00	20.34 -0.73 0.00	23.42 -0.68 0.00	30.53 -1.13 0.00	30.42 -0.82 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	21.22 0.49 0.00	18.75 0.48 0.00	16.43 0.36 0.00	15.32 0.25 0.00	14.30 0.24 0.00	15.64 0.22 0.00	14.58 0.23 0.00	17.48 0.39 0.00	18.21 0.51 0.00	16.73 0.48 0.00	17.83 0.48 0.00	17.98 0.47 0.00	19.63 0.47 0.00	24.46 0.71 0.00	27.13 0.79 0.00	27.18 0.97 0.00	41.70 1.62 0.00	32.70 1.44 0.00	30.17 1.10 0.00	24.53 0.65 0.00	21.66 0.59 0.00	24.82 0.72 0.00	32.57 0.91 0.00	32.05 0.81 0.00

LACHUTE____HYDRO 323717	23.28 2.55 0.00	20.52 2.26 0.00	18.18 2.11 0.00	16.97 1.91 0.00	15.75 1.68 0.00	17.29 1.87 0.00	15.99 1.64 0.00	18.95 1.87 0.00	19.60 1.90 0.00	17.99 1.74 0.00	19.22 1.87 0.00	19.46 1.95 0.00	21.24 2.08 0.00	26.44 2.69 0.00	29.14 2.80 0.00	29.39 3.17 0.00	44.53 4.45 0.00	35.13 3.87 0.00	32.66 3.59 0.00	26.39 2.50 0.00	23.43 2.36 0.00	26.66 2.55 0.00	35.13 3.46 0.00	34.81 3.57 0.00
LAWRNCAV_115KV_TB1 80681	20.86 0.13 0.00	18.43 0.16 0.00	16.13 0.06 0.00	15.08 0.02 0.00	14.07 0.01 0.00	15.39 -0.03 0.00	14.33 -0.02 0.00	17.15 0.07 0.00	17.83 0.14 0.00	16.40 0.14 0.00	17.47 0.11 0.00	17.57 0.06 0.00	19.25 0.08 0.00	23.89 0.14 0.00	26.50 0.16 0.00	26.39 0.18 0.00	40.57 0.49 0.00	31.67 0.41 0.00	29.21 0.14 0.00	23.94 0.06 0.00	21.09 0.02 0.00	24.14 0.03 0.00	31.73 0.06 0.00	31.24 0.00 0.00
LEDERLE____ 23769	21.88 1.15 0.00	19.24 0.97 0.00	16.95 0.88 0.00	15.91 0.85 0.00	14.83 0.77 0.00	16.23 0.81 0.00	15.10 0.75 0.00	17.98 0.89 0.00	18.62 0.92 0.00	17.16 0.90 0.00	18.43 1.08 0.00	18.73 1.22 0.00	20.51 1.35 0.00	25.50 1.75 0.00	28.37 2.03 0.00	28.35 2.14 0.00	43.07 2.98 0.00	33.52 2.27 0.00	31.37 2.30 0.00	25.80 1.91 0.00	22.76 1.68 0.00	25.96 1.86 0.00	34.07 2.41 0.00	33.30 2.07 0.00
LIGHTHSE_115KV_TB6 355974	20.76 0.03 0.00	18.22 -0.05 0.00	15.98 -0.08 0.00	14.95 -0.12 0.00	13.95 -0.12 0.00	15.29 -0.12 0.00	14.23 -0.12 0.00	17.06 -0.02 0.00	17.71 0.02 0.00	16.22 -0.04 0.00	17.25 -0.10 0.00	17.48 -0.04 0.00	19.13 -0.04 0.00	23.61 -0.14 0.00	26.08 -0.25 0.00	26.05 -0.16 0.00	39.84 -0.24 0.00	31.11 -0.14 0.00	28.95 -0.13 0.00	23.75 -0.13 0.00	20.91 -0.16 0.00	23.91 -0.19 0.00	31.42 -0.24 0.00	31.03 -0.21 0.00
LINDEN COGEN____ 23786	21.79 1.06 0.00	19.20 0.93 0.00	16.90 0.83 0.00	15.87 0.81 0.00	14.81 0.74 0.00	16.19 0.77 0.00	15.05 0.70 0.00	17.92 0.84 0.00	18.58 0.88 0.00	17.13 0.87 0.00	18.40 1.05 0.00	18.71 1.19 0.00	20.45 1.29 0.00	25.40 1.65 0.00	28.26 1.92 0.00	28.24 2.03 0.00	42.75 2.67 0.00	33.27 2.02 0.00	31.20 2.13 0.00	25.70 1.81 0.00	22.71 1.64 0.00	25.92 1.82 0.00	33.99 2.32 0.00	33.18 1.94 0.00
LINDHRST_69_KV_BK1 356055	22.25 1.51 0.00	19.59 1.32 0.00	17.22 1.16 0.00	16.14 1.07 0.00	15.09 1.03 0.00	16.55 1.14 0.00	15.39 1.04 0.00	18.21 1.13 0.00	18.86 1.16 0.00	17.39 1.14 0.00	28.66 1.43 -9.87	29.72 1.59 -10.62	31.81 1.68 -10.97	35.72 2.12 -9.85	29.82 2.35 -1.13	28.58 2.37 0.00	42.97 2.93 0.05	33.26 2.11 0.11	31.47 2.40 0.00	26.08 2.20 0.00	24.70 2.18 -1.45	58.00 2.38 -31.52	46.09 3.02 -11.40	41.98 2.74 -8.00
LIPA_MISC_IPP 23656	21.99 1.25 0.00	19.42 1.15 0.00	17.07 1.00 0.00	15.98 0.91 0.00	14.93 0.87 0.00	16.44 1.02 0.00	15.31 0.96 0.00	18.04 0.95 0.00	18.58 0.88 0.00	17.14 0.88 0.00	28.32 1.10 -9.87	29.38 1.24 -10.62	31.46 1.33 -10.97	35.34 1.73 -9.85	29.46 1.99 -1.13	28.24 2.03 0.00	42.45 2.37 0.00	32.95 1.69 0.00	31.10 2.03 0.00	25.78 1.90 0.00	24.47 1.95 -1.45	57.70 2.07 -31.52	45.66 2.59 -11.40	41.51 2.27 -8.00
LISF____SOLAR 323691	22.02 1.28 0.00	19.44 1.17 0.00	17.08 1.01 0.00	16.00 0.93 0.00	14.95 0.88 0.00	16.45 1.04 0.00	15.32 0.98 0.00	18.06 0.97 0.00	18.59 0.89 0.00	17.15 0.89 0.00	28.32 1.10 -9.87	29.38 1.24 -10.62	31.46 1.33 -10.97	35.35 1.74 -9.85	29.48 2.01 -1.13	28.26 2.05 0.00	42.48 2.40 0.00	32.99 1.73 0.00	31.15 2.08 0.00	25.83 1.94 0.00	24.51 1.99 -1.45	57.75 2.13 -31.52	45.72 2.66 -11.40	41.56 2.32 -8.00
LITTLE FALLS____HYD 24013	20.70 -0.03 0.00	18.20 -0.07 0.00	16.11 0.04 0.00	15.17 0.10 0.00	14.18 0.12 0.00	15.53 0.12 0.00	14.46 0.11 0.00	17.09 0.00 0.00	17.52 -0.18 0.00	16.05 -0.20 0.00	17.18 -0.18 0.00	17.37 -0.15 0.00	18.98 -0.19 0.00	23.65 -0.10 0.00	26.19 -0.15 0.00	26.32 0.11 0.00	40.22 0.13 0.00	31.38 0.12 0.00	29.60 0.53 0.00	24.24 0.36 0.00	21.37 0.30 0.00	24.43 0.33 0.00	31.99 0.33 0.00	31.40 0.16 0.00
LITTLRIV_115KV_TB1 356100	21.06 0.33 0.00	18.60 0.33 0.00	16.27 0.21 0.00	15.21 0.15 0.00	14.20 0.14 0.00	15.53 0.11 0.00	14.45 0.10 0.00	17.31 0.22 0.00	18.00 0.30 0.00	16.55 0.30 0.00	17.63 0.27 0.00	17.71 0.20 0.00	19.42 0.26 0.00	24.11 0.36 0.00	26.79 0.45 0.00	26.69 0.48 0.00	41.05 0.97 0.00	32.07 0.81 0.00	29.54 0.47 0.00	24.22 0.33 0.00	21.33 0.26 0.00	24.41 0.30 0.00	32.06 0.40 0.00	31.55 0.30 0.00
LI_NEWBRDGE____DRP 323616	21.96 1.23 0.00	19.36 1.10 0.00	17.03 0.96 0.00	15.96 0.89 0.00	14.91 0.84 0.00	16.34 0.92 0.00	15.20 0.85 0.00	18.00 0.92 0.00	18.64 0.95 0.00	17.19 0.93 0.00	28.42 1.20 -9.87	29.46 1.33 -10.62	31.52 1.39 -10.97	35.36 1.76 -9.85	29.42 1.95 -1.13	28.21 2.00 0.00	42.56 2.46 -0.02	33.03 1.74 -0.04	31.09 2.02 0.00	25.72 1.84 0.00	24.32 1.80 -1.45	57.61 1.98 -31.52	45.60 2.54 -11.40	41.50 2.26 -8.00
LOCKPORT_115KV_TB60_63_64 80432	20.13 -0.60 0.00	17.54 -0.73 0.00	15.38 -0.69 0.00	14.40 -0.66 0.00	13.44 -0.62 0.00	14.82 -0.60 0.00	13.76 -0.58 0.00	16.53 -0.55 0.00	17.24 -0.45 0.00	15.86 -0.40 0.00	16.89 -0.46 0.00	17.11 -0.40 0.00	18.88 -0.28 0.00	23.18 -0.56 0.00	25.66 -0.68 0.00	25.16 -1.05 0.00	38.35 -1.73 0.00	30.01 -1.25 0.00	27.91 -1.16 0.00	23.11 -0.78 0.00	20.32 -0.75 0.00	23.41 -0.70 0.00	30.45 -1.22 0.00	30.44 -0.80 0.00
LOCKPORT____CC1 323769	20.14 -0.59 0.00	17.54 -0.73 0.00	15.39 -0.68 0.00	14.41 -0.66 0.00	13.44 -0.62 0.00	14.82 -0.59 0.00	13.77 -0.58 0.00	16.54 -0.55 0.00	17.24 -0.46 0.00	15.86 -0.40 0.00	16.90 -0.45 0.00	17.12 -0.39 0.00	18.88 -0.28 0.00	23.20 -0.54 0.00	25.68 -0.66 0.00	25.17 -1.05 0.00	38.39 -1.69 0.00	30.01 -1.25 0.00	27.91 -1.16 0.00	23.10 -0.79 0.00	20.30 -0.77 0.00	23.40 -0.70 0.00	30.44 -1.22 0.00	30.42 -0.82 0.00
LOCKPORT____CC2 323770	20.14 -0.59 0.00	17.54 -0.73 0.00	15.39 -0.68 0.00	14.41 -0.66 0.00	13.44 -0.62 0.00	14.82 -0.59 0.00	13.77 -0.58 0.00	16.54 -0.55 0.00	17.24 -0.46 0.00	15.86 -0.40 0.00	16.90 -0.45 0.00	17.12 -0.39 0.00	18.88 -0.28 0.00	23.20 -0.54 0.00	25.68 -0.66 0.00	25.17 -1.05 0.00	38.39 -1.69 0.00	30.01 -1.25 0.00	27.91 -1.16 0.00	23.10 -0.79 0.00	20.30 -0.77 0.00	23.40 -0.70 0.00	30.44 -1.22 0.00	30.42 -0.82 0.00
LOCKPORT____CC3 323771	20.14 -0.59 0.00	17.54 -0.73 0.00	15.39 -0.68 0.00	14.41 -0.66 0.00	13.44 -0.62 0.00	14.82 -0.59 0.00	13.77 -0.58 0.00	16.54 -0.55 0.00	17.24 -0.46 0.00	15.86 -0.40 0.00	16.90 -0.45 0.00	17.12 -0.39 0.00	18.88 -0.28 0.00	23.20 -0.54 0.00	25.68 -0.66 0.00	25.17 -1.05 0.00	38.39 -1.69 0.00	30.01 -1.25 0.00	27.91 -1.16 0.00	23.10 -0.79 0.00	20.30 -0.77 0.00	23.40 -0.70 0.00	30.44 -1.22 0.00	30.42 -0.82 0.00

LONG_LAKE_PHOENIX 24014	20.52 -0.22 0.00	18.03 -0.24 0.00	15.85 -0.22 0.00	14.86 -0.21 0.00	13.87 -0.20 0.00	15.22 -0.20 0.00	14.16 -0.18 0.00	16.89 -0.20 0.00	17.50 -0.20 0.00	16.06 -0.20 0.00	17.12 -0.24 0.00	17.28 -0.24 0.00	18.91 -0.25 0.00	23.35 -0.40 0.00	25.88 -0.46 0.00	25.78 -0.43 0.00	39.39 -0.70 0.00	30.74 -0.52 0.00	28.63 -0.45 0.00	23.54 -0.34 0.00	20.75 -0.32 0.00	23.75 -0.36 0.00	31.14 -0.52 0.00	30.84 -0.40 0.00
LOVETT___3 23632	21.75 1.02 0.00	19.14 0.87 0.00	16.86 0.79 0.00	15.83 0.76 0.00	14.76 0.70 0.00	16.15 0.73 0.00	15.02 0.68 0.00	17.88 0.80 0.00	18.52 0.82 0.00	17.06 0.81 0.00	18.32 0.96 0.00	18.61 1.10 0.00	20.36 1.20 0.00	25.31 1.56 0.00	28.14 1.80 0.00	28.13 1.92 0.00	42.71 2.63 0.00	33.25 2.00 0.00	31.12 2.05 0.00	25.60 1.71 0.00	22.59 1.52 0.00	25.78 1.68 0.00	33.84 2.18 0.00	33.09 1.85 0.00
LOVETT___4 23642	21.75 1.02 0.00	19.14 0.87 0.00	16.86 0.79 0.00	15.83 0.76 0.00	14.76 0.70 0.00	16.15 0.73 0.00	15.02 0.68 0.00	17.88 0.80 0.00	18.52 0.82 0.00	17.06 0.81 0.00	18.32 0.96 0.00	18.61 1.10 0.00	20.36 1.20 0.00	25.31 1.56 0.00	28.14 1.80 0.00	28.13 1.92 0.00	42.71 2.63 0.00	33.25 2.00 0.00	31.12 2.05 0.00	25.60 1.71 0.00	22.59 1.52 0.00	25.78 1.68 0.00	33.84 2.18 0.00	33.09 1.85 0.00
LOVETT___5 23593	21.75 1.02 0.00	19.14 0.87 0.00	16.86 0.79 0.00	15.83 0.76 0.00	14.76 0.70 0.00	16.15 0.73 0.00	15.02 0.68 0.00	17.88 0.80 0.00	18.52 0.82 0.00	17.06 0.81 0.00	18.32 0.96 0.00	18.61 1.10 0.00	20.36 1.20 0.00	25.31 1.56 0.00	28.14 1.80 0.00	28.13 1.92 0.00	42.71 2.63 0.00	33.25 2.00 0.00	31.12 2.05 0.00	25.60 1.71 0.00	22.59 1.52 0.00	25.78 1.68 0.00	33.84 2.18 0.00	33.09 1.85 0.00
LOWER RAQUET___HYD 24057	20.90 0.17 0.00	18.46 0.19 0.00	16.15 0.08 0.00	15.10 0.03 0.00	14.09 0.03 0.00	15.41 -0.01 0.00	14.35 0.00 0.00	17.19 0.10 0.00	17.87 0.18 0.00	16.43 0.17 0.00	17.50 0.14 0.00	17.61 0.09 0.00	19.29 0.12 0.00	23.94 0.19 0.00	26.56 0.22 0.00	26.45 0.24 0.00	40.65 0.57 0.00	31.75 0.50 0.00	29.29 0.22 0.00	24.00 0.11 0.00	21.13 0.06 0.00	24.18 0.08 0.00	31.79 0.13 0.00	31.28 0.04 0.00
LOWER___HUDSON 24059	21.53 0.79 0.00	19.02 0.75 0.00	16.80 0.74 0.00	15.79 0.73 0.00	14.76 0.70 0.00	16.17 0.75 0.00	15.04 0.69 0.00	17.77 0.68 0.00	18.30 0.61 0.00	16.78 0.52 0.00	17.91 0.55 0.00	18.10 0.59 0.00	19.78 0.62 0.00	24.63 0.87 0.00	27.22 0.88 0.00	27.28 1.07 0.00	41.58 1.50 0.00	32.41 1.15 0.00	30.40 1.33 0.00	24.92 1.04 0.00	22.02 0.95 0.00	25.19 1.09 0.00	33.12 1.45 0.00	32.58 1.34 0.00
LOWVILLE_115KV_TB2 356335	21.34 0.61 0.00	18.75 0.48 0.00	16.39 0.32 0.00	15.28 0.21 0.00	14.25 0.19 0.00	15.59 0.17 0.00	14.48 0.13 0.00	17.49 0.40 0.00	18.20 0.50 0.00	16.66 0.40 0.00	17.63 0.28 0.00	17.84 0.33 0.00	19.55 0.39 0.00	24.27 0.52 0.00	26.85 0.51 0.00	26.88 0.67 0.00	41.23 1.15 0.00	32.22 0.96 0.00	29.87 0.80 0.00	24.41 0.53 0.00	21.46 0.39 0.00	24.36 0.26 0.00	32.14 0.47 0.00	31.54 0.30 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	21.91 1.18 0.00	19.33 1.06 0.00	17.06 0.99 0.00	16.02 0.95 0.00	14.96 0.89 0.00	16.39 0.97 0.00	15.24 0.89 0.00	18.06 0.97 0.00	18.62 0.93 0.00	17.08 0.82 0.00	18.22 0.87 0.00	18.43 0.91 0.00	20.13 0.97 0.00	25.01 1.26 0.00	27.60 1.26 0.00	27.64 1.43 0.00	42.25 2.17 0.00	33.03 1.78 0.00	30.93 1.86 0.00	25.33 1.44 0.00	22.39 1.32 0.00	25.59 1.48 0.00	33.62 1.96 0.00	33.15 1.91 0.00
LUTHERNY_35_KV_BK2 355980	21.91 1.18 0.00	19.33 1.06 0.00	17.06 0.99 0.00	16.01 0.94 0.00	14.96 0.89 0.00	16.38 0.97 0.00	15.23 0.89 0.00	18.06 0.97 0.00	18.62 0.92 0.00	17.07 0.81 0.00	18.23 0.87 0.00	18.44 0.92 0.00	20.14 0.98 0.00	25.04 1.29 0.00	27.63 1.29 0.00	27.66 1.45 0.00	42.28 2.20 0.00	33.05 1.80 0.00	30.99 1.92 0.00	25.37 1.48 0.00	22.41 1.34 0.00	25.61 1.51 0.00	33.65 1.99 0.00	33.17 1.93 0.00
LWR___OSWEGATCHIE_HYD 23850	21.12 0.38 0.00	18.59 0.32 0.00	16.26 0.19 0.00	15.17 0.10 0.00	14.16 0.10 0.00	15.49 0.07 0.00	14.41 0.06 0.00	17.34 0.25 0.00	18.03 0.33 0.00	16.53 0.27 0.00	17.55 0.20 0.00	17.72 0.21 0.00	19.42 0.25 0.00	24.08 0.33 0.00	26.65 0.31 0.00	26.64 0.43 0.00	40.91 0.83 0.00	31.96 0.70 0.00	29.55 0.48 0.00	24.19 0.30 0.00	21.28 0.21 0.00	24.25 0.15 0.00	31.94 0.28 0.00	31.39 0.16 0.00
LYONS_FALL_HYD 23570	21.26 0.53 0.00	18.68 0.41 0.00	16.37 0.30 0.00	15.29 0.23 0.00	14.27 0.20 0.00	15.62 0.20 0.00	14.52 0.17 0.00	17.45 0.36 0.00	18.13 0.43 0.00	16.62 0.36 0.00	17.65 0.30 0.00	17.84 0.33 0.00	19.53 0.37 0.00	24.24 0.49 0.00	26.86 0.52 0.00	26.84 0.63 0.00	41.13 1.04 0.00	32.15 0.89 0.00	29.84 0.77 0.00	24.44 0.55 0.00	21.51 0.44 0.00	24.48 0.38 0.00	32.22 0.56 0.00	31.66 0.42 0.00
MADISON___COUNTY_LFGE 323628	21.18 0.45 0.00	18.60 0.33 0.00	16.35 0.28 0.00	15.31 0.24 0.00	14.28 0.22 0.00	15.66 0.24 0.00	14.58 0.23 0.00	17.40 0.32 0.00	18.02 0.33 0.00	16.55 0.30 0.00	17.65 0.30 0.00	17.83 0.31 0.00	19.52 0.36 0.00	24.18 0.43 0.00	26.89 0.55 0.00	26.79 0.58 0.00	41.05 0.96 0.00	32.10 0.84 0.00	29.86 0.79 0.00	24.53 0.64 0.00	21.63 0.56 0.00	24.71 0.61 0.00	32.41 0.75 0.00	31.90 0.66 0.00
MALONE___115KV_TB1 356076	21.14 0.41 0.00	18.68 0.41 0.00	16.35 0.28 0.00	15.26 0.19 0.00	14.26 0.19 0.00	15.58 0.17 0.00	14.53 0.18 0.00	17.42 0.34 0.00	18.16 0.46 0.00	16.71 0.45 0.00	17.82 0.47 0.00	17.94 0.43 0.00	19.62 0.45 0.00	24.38 0.63 0.00	27.05 0.71 0.00	27.00 0.79 0.00	41.43 1.35 0.00	32.45 1.19 0.00	29.93 0.86 0.00	24.39 0.51 0.00	21.54 0.46 0.00	24.68 0.57 0.00	32.38 0.72 0.00	31.82 0.58 0.00
MAPLEWOD_115KV_TB3 80458	21.49 0.76 0.00	18.98 0.71 0.00	16.74 0.67 0.00	15.73 0.67 0.00	14.70 0.64 0.00	16.10 0.68 0.00	14.99 0.64 0.00	17.71 0.63 0.00	18.27 0.57 0.00	16.76 0.51 0.00	17.89 0.54 0.00	18.10 0.58 0.00	19.79 0.63 0.00	24.65 0.90 0.00	27.27 0.93 0.00	27.31 1.10 0.00	41.68 1.59 0.00	32.53 1.27 0.00	30.48 1.41 0.00	25.02 1.13 0.00	22.12 1.04 0.00	25.29 1.18 0.00	33.20 1.54 0.00	32.58 1.34 0.00
MAPLE RIDGE_WT_1 323574	20.58 -0.15 0.00	18.15 -0.12 0.00	15.88 -0.18 0.00	14.85 -0.22 0.00	13.86 -0.21 0.00	15.15 -0.27 0.00	14.08 -0.27 0.00	16.85 -0.24 0.00	17.52 -0.18 0.00	16.14 -0.12 0.00	17.22 -0.13 0.00	17.34 -0.17 0.00	18.99 -0.18 0.00	23.53 -0.22 0.00	26.10 -0.23 0.00	25.98 -0.24 0.00	39.83 -0.25 0.00	31.03 -0.23 0.00	28.61 -0.46 0.00	23.46 -0.42 0.00	20.62 -0.45 0.00	23.47 -0.63 0.00	30.94 -0.72 0.00	30.52 -0.71 0.00

MAPLE_RIDGE_WT_2 323611	20.58 -0.15 0.00	18.15 -0.12 0.00	15.88 -0.18 0.00	14.85 -0.22 0.00	13.86 -0.21 0.00	15.15 -0.27 0.00	14.08 -0.27 0.00	16.85 -0.24 0.00	17.52 -0.18 0.00	16.14 -0.12 0.00	17.22 -0.13 0.00	17.34 -0.17 0.00	18.99 -0.18 0.00	23.53 -0.22 0.00	26.10 -0.23 0.00	25.98 -0.24 0.00	39.83 -0.25 0.00	31.03 -0.23 0.00	28.61 -0.46 0.00	23.46 -0.42 0.00	20.62 -0.45 0.00	23.47 -0.63 0.00	30.94 -0.72 0.00	30.52 -0.71 0.00
MARBLE_RIVER_WT_PWR 323696	20.99 0.26 0.00	18.56 0.29 0.00	16.27 0.20 0.00	15.17 0.10 0.00	14.17 0.11 0.00	15.50 0.08 0.00	14.45 0.11 0.00	17.31 0.23 0.00	18.02 0.32 0.00	16.57 0.31 0.00	17.66 0.31 0.00	17.80 0.29 0.00	19.45 0.29 0.00	24.21 0.45 0.00	26.84 0.50 0.00	26.84 0.62 0.00	41.17 1.08 0.00	32.23 0.98 0.00	29.73 0.66 0.00	24.19 0.30 0.00	21.35 0.27 0.00	24.48 0.37 0.00	32.16 0.50 0.00	31.67 0.43 0.00
MARSHVLE_115KV_TB1 80742	22.29 1.56 0.00	19.60 1.34 0.00	17.16 1.09 0.00	16.04 0.97 0.00	14.94 0.88 0.00	16.41 0.99 0.00	15.25 0.91 0.00	18.30 1.22 0.00	19.03 1.33 0.00	17.49 1.23 0.00	18.68 1.32 0.00	18.79 1.27 0.00	20.57 1.41 0.00	25.42 1.67 0.00	28.20 1.86 0.00	27.93 1.72 0.00	42.81 2.72 0.00	33.65 2.39 0.00	31.02 1.95 0.00	25.58 1.69 0.00	22.52 1.45 0.00	25.78 1.68 0.00	33.86 2.20 0.00	33.28 2.04 0.00
MARSH_HILL_WT_PWR 323713	20.81 0.08 0.00	18.00 -0.26 0.00	15.77 -0.30 0.00	14.72 -0.35 0.00	13.71 -0.36 0.00	15.16 -0.25 0.00	14.17 -0.18 0.00	16.91 -0.18 0.00	17.50 -0.19 0.00	16.28 0.02 0.00	17.44 0.08 0.00	17.71 0.19 0.00	19.51 0.35 0.00	24.07 0.32 0.00	26.82 0.48 0.00	26.41 0.20 0.00	40.00 -0.09 0.00	30.96 -0.29 0.00	28.71 -0.36 0.00	23.81 -0.08 0.00	20.95 -0.12 0.00	24.13 0.02 0.00	31.63 -0.03 0.00	31.48 0.24 0.00
MCINTYRE_115KV_TB2 80467	21.09 0.35 0.00	18.63 0.36 0.00	16.30 0.23 0.00	15.24 0.18 0.00	14.23 0.16 0.00	15.56 0.14 0.00	14.48 0.13 0.00	17.32 0.24 0.00	18.01 0.31 0.00	16.57 0.31 0.00	17.64 0.28 0.00	17.71 0.19 0.00	19.42 0.26 0.00	24.11 0.35 0.00	26.81 0.47 0.00	26.70 0.49 0.00	41.10 1.01 0.00	32.10 0.85 0.00	29.56 0.49 0.00	24.25 0.37 0.00	21.37 0.30 0.00	24.46 0.35 0.00	32.12 0.45 0.00	31.60 0.36 0.00
MECO____69_KV_BK1 80468	22.83 2.10 0.00	20.06 1.79 0.00	17.59 1.52 0.00	16.46 1.39 0.00	15.35 1.28 0.00	16.85 1.43 0.00	15.67 1.33 0.00	18.74 1.66 0.00	19.32 1.62 0.00	17.63 1.37 0.00	18.89 1.54 0.00	18.82 1.31 0.00	20.55 1.39 0.00	25.50 1.74 0.00	28.27 1.93 0.00	28.17 1.96 0.00	43.34 3.25 0.00	34.43 3.17 0.00	32.12 3.05 0.00	26.55 2.66 0.00	23.41 2.34 0.00	26.82 2.72 0.00	35.09 3.43 0.00	34.36 3.12 0.00
MENANDS__115KV_TB5 355628	21.19 0.46 0.00	18.72 0.46 0.00	16.53 0.46 0.00	15.54 0.47 0.00	14.53 0.47 0.00	15.90 0.48 0.00	14.82 0.47 0.00	17.48 0.40 0.00	18.03 0.33 0.00	16.55 0.29 0.00	17.68 0.32 0.00	17.88 0.37 0.00	19.55 0.39 0.00	24.35 0.60 0.00	26.94 0.60 0.00	26.99 0.77 0.00	41.12 1.03 0.00	32.03 0.78 0.00	30.02 0.96 0.00	24.64 0.75 0.00	21.77 0.70 0.00	24.89 0.79 0.00	32.70 1.04 0.00	32.10 0.86 0.00
MG INDUSTRY___DRP 24185	21.29 0.56 0.00	18.80 0.53 0.00	16.59 0.53 0.00	15.58 0.51 0.00	14.58 0.51 0.00	15.96 0.54 0.00	14.87 0.52 0.00	17.57 0.49 0.00	18.12 0.43 0.00	16.62 0.36 0.00	17.75 0.39 0.00	17.95 0.43 0.00	19.62 0.46 0.00	24.41 0.66 0.00	27.01 0.68 0.00	27.02 0.81 0.00	41.16 1.07 0.00	32.09 0.84 0.00	30.06 1.00 0.00	24.68 0.80 0.00	21.81 0.74 0.00	24.94 0.84 0.00	32.75 1.09 0.00	32.18 0.94 0.00
MID___OSWEGATCHIE_HYD 23849	21.12 0.38 0.00	18.59 0.32 0.00	16.26 0.19 0.00	15.17 0.10 0.00	14.16 0.10 0.00	15.49 0.07 0.00	14.41 0.06 0.00	17.34 0.25 0.00	18.03 0.33 0.00	16.53 0.27 0.00	17.55 0.20 0.00	17.72 0.21 0.00	19.42 0.25 0.00	24.08 0.33 0.00	26.65 0.31 0.00	26.64 0.43 0.00	40.91 0.83 0.00	31.96 0.70 0.00	29.55 0.48 0.00	24.19 0.30 0.00	21.28 0.21 0.00	24.25 0.15 0.00	31.94 0.28 0.00	31.39 0.16 0.00
MID___RAQUETTE_HYD 23851	20.90 0.17 0.00	18.46 0.19 0.00	16.15 0.08 0.00	15.10 0.03 0.00	14.09 0.03 0.00	15.41 -0.01 0.00	14.35 0.00 0.00	17.19 0.10 0.00	17.87 0.18 0.00	16.43 0.17 0.00	17.50 0.14 0.00	17.61 0.09 0.00	19.28 0.12 0.00	23.94 0.19 0.00	26.56 0.22 0.00	26.45 0.24 0.00	40.65 0.57 0.00	31.76 0.50 0.00	29.29 0.22 0.00	24.00 0.11 0.00	21.13 0.06 0.00	24.18 0.08 0.00	31.79 0.13 0.00	31.28 0.04 0.00
MILLIKEN___1 23584	21.05 0.32 0.00	18.45 0.19 0.00	16.24 0.17 0.00	15.22 0.15 0.00	14.19 0.13 0.00	15.58 0.17 0.00	14.51 0.17 0.00	17.33 0.24 0.00	17.93 0.23 0.00	16.43 0.17 0.00	17.53 0.17 0.00	17.71 0.20 0.00	19.41 0.25 0.00	24.00 0.25 0.00	26.65 0.31 0.00	26.55 0.33 0.00	40.66 0.57 0.00	31.79 0.54 0.00	29.62 0.55 0.00	24.40 0.51 0.00	21.51 0.44 0.00	24.62 0.52 0.00	32.24 0.57 0.00	31.80 0.55 0.00
MILLIKEN___2 23585	21.05 0.32 0.00	18.45 0.19 0.00	16.24 0.17 0.00	15.22 0.15 0.00	14.19 0.13 0.00	15.58 0.17 0.00	14.51 0.17 0.00	17.33 0.24 0.00	17.93 0.23 0.00	16.43 0.17 0.00	17.53 0.17 0.00	17.71 0.20 0.00	19.41 0.25 0.00	24.00 0.25 0.00	26.65 0.31 0.00	26.55 0.33 0.00	40.66 0.57 0.00	31.79 0.54 0.00	29.62 0.55 0.00	24.40 0.51 0.00	21.51 0.44 0.00	24.62 0.52 0.00	32.24 0.57 0.00	31.80 0.55 0.00
MILLIKEN___DIESEL 23629	21.05 0.32 0.00	18.45 0.19 0.00	16.24 0.17 0.00	15.22 0.15 0.00	14.19 0.13 0.00	15.58 0.17 0.00	14.51 0.17 0.00	17.33 0.24 0.00	17.93 0.23 0.00	16.43 0.17 0.00	17.53 0.17 0.00	17.71 0.20 0.00	19.41 0.25 0.00	24.00 0.25 0.00	26.65 0.31 0.00	26.55 0.33 0.00	40.66 0.57 0.00	31.79 0.54 0.00	29.62 0.55 0.00	24.40 0.51 0.00	21.51 0.44 0.00	24.62 0.52 0.00	32.24 0.57 0.00	31.80 0.55 0.00
MILLSEAT___LFGE 323607	20.47 -0.26 0.00	17.84 -0.43 0.00	15.64 -0.42 0.00	14.65 -0.42 0.00	13.67 -0.40 0.00	15.06 -0.35 0.00	13.99 -0.35 0.00	16.80 -0.28 0.00	17.52 -0.18 0.00	16.08 -0.18 0.00	17.13 -0.22 0.00	17.37 -0.14 0.00	19.15 -0.01 0.00	23.58 -0.16 0.00	26.06 -0.28 0.00	25.59 -0.62 0.00	39.14 -0.95 0.00	30.68 -0.58 0.00	28.54 -0.53 0.00	23.61 -0.28 0.00	20.76 -0.32 0.00	23.89 -0.21 0.00	31.07 -0.60 0.00	30.96 -0.28 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	21.79 1.06 0.00	19.20 0.93 0.00	16.91 0.85 0.00	15.88 0.82 0.00	14.81 0.75 0.00	16.20 0.79 0.00	15.07 0.73 0.00	17.93 0.84 0.00	18.57 0.87 0.00	17.11 0.85 0.00	18.38 1.02 0.00	18.67 1.15 0.00	20.40 1.24 0.00	25.35 1.60 0.00	28.16 1.83 0.00	28.16 1.94 0.00	42.73 2.65 0.00	33.26 2.01 0.00	31.17 2.11 0.00	25.65 1.76 0.00	22.64 1.57 0.00	25.84 1.74 0.00	33.91 2.24 0.00	33.15 1.91 0.00

MILLWOOD_13_KV_LOAD 356217	21.84 1.11 0.00	19.24 0.97 0.00	16.95 0.88 0.00	15.91 0.85 0.00	14.84 0.77 0.00	16.24 0.82 0.00	15.11 0.76 0.00	17.97 0.88 0.00	18.61 0.91 0.00	17.15 0.89 0.00	18.42 1.07 0.00	18.72 1.20 0.00	20.45 1.29 0.00	25.42 1.67 0.00	28.24 1.90 0.00	28.24 2.03 0.00	42.87 2.79 0.00	33.37 2.11 0.00	31.27 2.20 0.00	25.73 1.84 0.00	22.72 1.64 0.00	25.92 1.82 0.00	34.00 2.35 0.00	33.24 1.99 0.00
MODEL_CITY_ENERGY 24167	19.93 -0.80 0.00	17.36 -0.90 0.00	15.23 -0.84 0.00	14.26 -0.80 0.00	13.31 -0.76 0.00	14.68 -0.73 0.00	13.63 -0.72 0.00	16.37 -0.71 0.00	17.07 -0.63 0.00	15.70 -0.56 0.00	16.72 -0.63 0.00	16.93 -0.59 0.00	18.68 -0.48 0.00	22.95 -0.80 0.00	25.37 -0.97 0.00	24.87 -1.34 0.00	37.91 -2.18 0.00	29.65 -1.61 0.00	27.56 -1.51 0.00	22.83 -1.05 0.00	20.08 -0.99 0.00	23.13 -0.97 0.00	30.11 -1.55 0.00	30.14 -1.11 0.00
MODERN_LFGE_ 323580	19.93 -0.80 0.00	17.36 -0.90 0.00	15.23 -0.84 0.00	14.26 -0.80 0.00	13.31 -0.76 0.00	14.68 -0.73 0.00	13.63 -0.72 0.00	16.37 -0.71 0.00	17.07 -0.63 0.00	15.70 -0.56 0.00	16.72 -0.63 0.00	16.93 -0.59 0.00	18.68 -0.48 0.00	22.95 -0.80 0.00	25.37 -0.97 0.00	24.87 -1.34 0.00	37.91 -2.18 0.00	29.65 -1.61 0.00	27.56 -1.51 0.00	22.83 -1.05 0.00	20.08 -0.99 0.00	23.13 -0.97 0.00	30.11 -1.55 0.00	30.14 -1.11 0.00
MOHAWK_PAPER___DRP 24187	21.49 0.76 0.00	18.98 0.71 0.00	16.74 0.67 0.00	15.73 0.67 0.00	14.70 0.64 0.00	16.10 0.68 0.00	14.99 0.64 0.00	17.71 0.63 0.00	18.27 0.57 0.00	16.76 0.51 0.00	17.89 0.54 0.00	18.10 0.58 0.00	19.79 0.63 0.00	24.65 0.90 0.00	27.27 0.93 0.00	27.31 1.10 0.00	41.68 1.59 0.00	32.53 1.27 0.00	30.48 1.41 0.00	25.02 1.13 0.00	22.12 1.04 0.00	25.29 1.18 0.00	33.20 1.54 0.00	32.58 1.34 0.00
MOHICAN___35_KV_115KV_LD 80490	22.26 1.52 0.00	19.62 1.35 0.00	17.32 1.26 0.00	16.25 1.18 0.00	15.15 1.09 0.00	16.61 1.19 0.00	15.42 1.07 0.00	18.27 1.18 0.00	18.85 1.15 0.00	17.29 1.04 0.00	18.39 1.04 0.00	18.61 1.10 0.00	20.29 1.13 0.00	25.12 1.37 0.00	27.63 1.29 0.00	27.69 1.48 0.00	42.39 2.30 0.00	33.29 2.04 0.00	31.13 2.06 0.00	25.37 1.49 0.00	22.48 1.41 0.00	25.68 1.58 0.00	33.76 2.09 0.00	33.54 2.30 0.00
MONGAUP___HYD 23641	21.81 1.08 0.00	19.19 0.92 0.00	16.90 0.83 0.00	15.86 0.79 0.00	14.79 0.72 0.00	16.18 0.77 0.00	15.05 0.71 0.00	17.91 0.83 0.00	18.51 0.82 0.00	17.00 0.74 0.00	18.21 0.86 0.00	18.42 0.90 0.00	20.12 0.95 0.00	24.97 1.22 0.00	27.79 1.46 0.00	27.79 1.58 0.00	42.37 2.28 0.00	33.10 1.85 0.00	31.11 2.04 0.00	25.62 1.73 0.00	22.64 1.57 0.00	25.85 1.75 0.00	33.92 2.25 0.00	33.17 1.93 0.00
MONTAUK___DIESEL 23721	22.79 2.06 0.00	20.11 1.84 0.00	17.65 1.59 0.00	16.53 1.46 0.00	15.44 1.37 0.00	17.00 1.59 0.00	15.85 1.50 0.00	18.71 1.62 0.00	19.28 1.58 0.00	17.86 1.60 0.00	29.13 1.91 -9.87	30.21 2.08 -10.62	32.38 2.25 -10.97	36.44 2.84 -9.85	30.79 3.32 -1.13	29.57 3.35 0.00	44.53 4.44 0.00	34.54 3.28 0.00	32.59 3.52 0.00	26.99 3.10 0.00	25.32 2.80 -1.45	58.66 3.04 -31.52	46.84 3.78 -11.40	42.59 3.35 -8.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	20.78 0.05 0.00	17.95 -0.31 0.00	15.83 -0.24 0.00	14.73 -0.34 0.00	13.64 -0.43 0.00	15.07 -0.34 0.00	13.91 -0.44 0.00	16.72 -0.37 0.00	17.54 -0.15 0.00	16.34 0.08 0.00	17.69 0.33 0.00	18.00 0.49 0.00	19.87 0.71 0.00	24.39 0.64 0.00	27.09 0.75 0.00	26.65 0.44 0.00	40.67 0.58 0.00	31.66 0.41 0.00	29.31 0.24 0.00	24.21 0.33 0.00	21.25 0.18 0.00	24.47 0.36 0.00	32.02 0.35 0.00	31.83 0.59 0.00
MORTIMER_115KV_TB3 55949	20.51 -0.22 0.00	17.93 -0.34 0.00	15.74 -0.33 0.00	14.74 -0.33 0.00	13.75 -0.31 0.00	15.13 -0.29 0.00	14.07 -0.28 0.00	16.86 -0.23 0.00	17.53 -0.17 0.00	16.10 -0.16 0.00	17.17 -0.18 0.00	17.38 -0.14 0.00	19.12 -0.04 0.00	23.61 -0.14 0.00	26.13 -0.20 0.00	25.82 -0.39 0.00	39.44 -0.64 0.00	30.83 -0.43 0.00	28.67 -0.39 0.00	23.64 -0.24 0.00	20.80 -0.27 0.00	23.89 -0.21 0.00	31.17 -0.49 0.00	30.93 -0.31 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	21.88 1.15 0.00	19.28 1.01 0.00	16.98 0.91 0.00	15.95 0.89 0.00	14.88 0.82 0.00	16.27 0.85 0.00	15.13 0.79 0.00	18.00 0.91 0.00	18.66 0.96 0.00	17.20 0.95 0.00	18.49 1.14 0.00	18.79 1.28 0.00	20.53 1.37 0.00	25.48 1.74 0.00	28.33 1.99 0.00	28.32 2.10 0.00	42.93 2.84 0.00	33.41 2.15 0.00	31.34 2.27 0.00	25.81 1.92 0.00	22.78 1.71 0.00	26.01 1.91 0.00	34.11 2.45 0.00	33.31 2.07 0.00
MUNSVILLE_WIND_PWR 323609	22.13 1.39 0.00	19.34 1.08 0.00	17.00 0.94 0.00	15.88 0.81 0.00	14.77 0.71 0.00	16.25 0.84 0.00	15.15 0.80 0.00	18.12 1.03 0.00	18.73 1.03 0.00	17.11 0.85 0.00	18.29 0.94 0.00	18.49 0.97 0.00	20.23 1.07 0.00	24.98 1.23 0.00	27.83 1.49 0.00	27.77 1.56 0.00	42.76 2.68 0.00	33.55 2.29 0.00	31.31 2.24 0.00	25.88 1.99 0.00	22.83 1.76 0.00	26.12 2.02 0.00	34.08 2.42 0.00	33.17 1.93 0.00
N SALMON___HYD 24042	21.14 0.41 0.00	18.68 0.41 0.00	16.35 0.28 0.00	15.26 0.19 0.00	14.26 0.19 0.00	15.58 0.17 0.00	14.53 0.19 0.00	17.42 0.34 0.00	18.16 0.46 0.00	16.71 0.45 0.00	17.82 0.47 0.00	17.94 0.43 0.00	19.62 0.45 0.00	24.38 0.63 0.00	27.05 0.71 0.00	27.00 0.79 0.00	41.43 1.35 0.00	32.45 1.19 0.00	29.93 0.86 0.00	24.39 0.51 0.00	21.53 0.46 0.00	24.68 0.57 0.00	32.38 0.72 0.00	31.82 0.58 0.00
N.AKRON___115KV_KNAPP 355671	20.39 -0.34 0.00	17.77 -0.50 0.00	15.58 -0.49 0.00	14.59 -0.48 0.00	13.62 -0.45 0.00	15.01 -0.41 0.00	13.94 -0.41 0.00	16.74 -0.35 0.00	17.47 -0.23 0.00	16.04 -0.21 0.00	17.09 -0.27 0.00	17.33 -0.19 0.00	19.10 -0.06 0.00	23.49 -0.25 0.00	25.99 -0.35 0.00	25.51 -0.70 0.00	38.95 -1.14 0.00	30.52 -0.73 0.00	28.40 -0.67 0.00	23.49 -0.40 0.00	20.65 -0.42 0.00	23.78 -0.32 0.00	30.93 -0.73 0.00	30.85 -0.39 0.00
N.BELMOR_69_KV_BK1 55787	22.14 1.41 0.00	19.50 1.23 0.00	17.15 1.08 0.00	16.07 1.00 0.00	15.01 0.94 0.00	16.45 1.03 0.00	15.29 0.94 0.00	18.12 1.04 0.00	18.78 1.09 0.00	17.32 1.06 0.00	28.58 1.36 -9.87	29.63 1.50 -10.62	31.70 1.56 -10.97	35.55 1.94 -9.85	29.65 2.17 -1.13	28.40 2.19 0.00	42.67 2.72 0.13	32.90 1.95 0.31	31.35 2.28 0.00	25.93 2.04 0.00	24.49 1.97 -1.45	57.80 2.18 -31.52	45.86 2.80 -11.40	41.81 2.57 -8.00
N.E._GEN_SANDY PD 24062	21.52 0.79 0.00	19.04 0.78 0.00	16.87 0.75 -0.05	15.97 0.75 -0.16	14.77 0.71 0.00	16.93 0.75 -0.76	15.19 0.69 -0.15	17.66 0.69 0.12	18.34 0.64 0.00	16.84 0.58 0.00	18.01 0.66 0.00	18.22 0.71 0.00	19.88 0.72 0.00	24.75 1.00 0.00	27.39 1.05 0.00	27.44 1.23 0.00	41.73 1.64 0.00	57.48 1.23 -24.99	-6.97 1.44 37.47	20.40 1.14 4.62	22.11 1.04 0.00	25.26 1.15 0.00	33.18 1.52 0.00	32.55 1.32 0.00

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	21.79 1.06 0.00	19.17 0.90 0.00	16.88 0.82 0.00	15.86 0.79 0.00	14.78 0.72 0.00	16.17 0.75 0.00	15.05 0.70 0.00	17.91 0.82 0.00	18.55 0.85 0.00	17.09 0.83 0.00	18.35 1.00 0.00	18.65 1.13 0.00	20.41 1.25 0.00	25.38 1.63 0.00	28.22 1.88 0.00	28.21 2.00 0.00	42.84 2.75 0.00	33.35 2.09 0.00	31.21 2.14 0.00	25.66 1.78 0.00	22.64 1.57 0.00	25.84 1.74 0.00	33.91 2.25 0.00	33.16 1.92 0.00
N. QUEENS_27_KV_LOAD 356247	21.84 1.11 0.00	19.24 0.97 0.00	16.97 0.90 0.00	15.94 0.87 0.00	14.86 0.79 0.00	16.24 0.82 0.00	15.08 0.73 0.00	17.94 0.85 0.00	18.62 0.92 0.00	17.19 0.93 0.00	18.49 1.14 0.00	18.76 1.25 0.00	20.50 1.34 0.00	25.40 1.65 0.00	28.21 1.87 0.00	28.22 2.01 0.00	42.79 2.70 0.00	33.29 2.04 0.00	31.30 2.23 0.00	25.74 1.86 0.00	22.70 1.63 0.00	25.96 1.86 0.00	34.02 2.36 0.00	33.18 1.94 0.00
N. TROY___115KV_TB1 355778	21.53 0.80 0.00	19.02 0.75 0.00	16.80 0.74 0.00	15.79 0.73 0.00	14.77 0.70 0.00	16.17 0.75 0.00	15.04 0.69 0.00	17.77 0.68 0.00	18.30 0.61 0.00	16.78 0.52 0.00	17.91 0.56 0.00	18.10 0.59 0.00	19.78 0.62 0.00	24.62 0.88 0.00	27.22 0.88 0.00	27.28 1.07 0.00	41.58 1.50 0.00	32.41 1.15 0.00	30.40 1.33 0.00	24.93 1.04 0.00	22.02 0.95 0.00	25.19 1.09 0.00	33.12 1.45 0.00	32.58 1.34 0.00
NARROWS_GT1_1 24228	21.98 1.25 0.00	19.35 1.09 0.00	17.05 0.98 0.00	16.01 0.95 0.00	14.93 0.86 0.00	16.32 0.91 0.00	15.18 0.83 0.00	18.07 0.98 0.00	18.73 1.03 0.00	17.28 1.02 0.00	18.58 1.22 0.00	18.88 1.36 0.00	20.61 1.45 0.00	25.58 1.83 0.00	28.44 2.10 0.00	28.44 2.23 0.00	43.00 2.92 0.00	33.49 2.24 0.00	31.45 2.38 0.00	25.94 2.05 0.00	22.90 1.83 0.00	26.14 2.04 0.00	34.25 2.59 0.00	33.42 2.18 0.00
NARROWS_GT1_2 24229	21.98 1.25 0.00	19.35 1.09 0.00	17.05 0.98 0.00	16.01 0.95 0.00	14.93 0.86 0.00	16.32 0.91 0.00	15.18 0.83 0.00	18.07 0.98 0.00	18.73 1.03 0.00	17.28 1.02 0.00	18.58 1.22 0.00	18.88 1.36 0.00	20.61 1.45 0.00	25.58 1.83 0.00	28.44 2.10 0.00	28.44 2.23 0.00	43.00 2.92 0.00	33.49 2.24 0.00	31.45 2.38 0.00	25.94 2.05 0.00	22.90 1.83 0.00	26.14 2.04 0.00	34.25 2.59 0.00	33.42 2.18 0.00
NARROWS_GT1_3 24230	21.98 1.25 0.00	19.35 1.09 0.00	17.05 0.98 0.00	16.01 0.95 0.00	14.93 0.86 0.00	16.32 0.91 0.00	15.18 0.83 0.00	18.07 0.98 0.00	18.73 1.03 0.00	17.28 1.02 0.00	18.58 1.22 0.00	18.88 1.36 0.00	20.61 1.45 0.00	25.58 1.83 0.00	28.44 2.10 0.00	28.44 2.23 0.00	43.00 2.92 0.00	33.49 2.24 0.00	31.45 2.38 0.00	25.94 2.05 0.00	22.90 1.83 0.00	26.14 2.04 0.00	34.25 2.59 0.00	33.42 2.18 0.00
NARROWS_GT1_4 24231	21.98 1.25 0.00	19.35 1.09 0.00	17.05 0.98 0.00	16.01 0.95 0.00	14.93 0.86 0.00	16.32 0.91 0.00	15.18 0.83 0.00	18.07 0.98 0.00	18.73 1.03 0.00	17.28 1.02 0.00	18.58 1.22 0.00	18.88 1.36 0.00	20.61 1.45 0.00	25.58 1.83 0.00	28.44 2.10 0.00	28.44 2.23 0.00	43.00 2.92 0.00	33.49 2.24 0.00	31.45 2.38 0.00	25.94 2.05 0.00	22.90 1.83 0.00	26.14 2.04 0.00	34.25 2.59 0.00	33.42 2.18 0.00
NARROWS_GT1_5 24232	21.98 1.25 0.00	19.35 1.09 0.00	17.05 0.98 0.00	16.01 0.95 0.00	14.93 0.86 0.00	16.32 0.91 0.00	15.18 0.83 0.00	18.07 0.98 0.00	18.73 1.03 0.00	17.28 1.02 0.00	18.58 1.22 0.00	18.88 1.36 0.00	20.61 1.45 0.00	25.58 1.83 0.00	28.44 2.10 0.00	28.44 2.23 0.00	43.00 2.92 0.00	33.49 2.24 0.00	31.45 2.38 0.00	25.94 2.05 0.00	22.90 1.83 0.00	26.14 2.04 0.00	34.25 2.59 0.00	33.42 2.18 0.00
NARROWS_GT1_6 24233	21.98 1.25 0.00	19.35 1.09 0.00	17.05 0.98 0.00	16.01 0.95 0.00	14.93 0.86 0.00	16.32 0.91 0.00	15.18 0.83 0.00	18.07 0.98 0.00	18.73 1.03 0.00	17.28 1.02 0.00	18.58 1.22 0.00	18.88 1.36 0.00	20.61 1.45 0.00	25.58 1.83 0.00	28.44 2.10 0.00	28.44 2.23 0.00	43.00 2.92 0.00	33.49 2.24 0.00	31.45 2.38 0.00	25.94 2.05 0.00	22.90 1.83 0.00	26.14 2.04 0.00	34.25 2.59 0.00	33.42 2.18 0.00
NARROWS_GT1_7 24234	21.98 1.25 0.00	19.35 1.09 0.00	17.05 0.98 0.00	16.01 0.95 0.00	14.93 0.86 0.00	16.32 0.91 0.00	15.18 0.83 0.00	18.07 0.98 0.00	18.73 1.03 0.00	17.28 1.02 0.00	18.58 1.22 0.00	18.88 1.36 0.00	20.61 1.45 0.00	25.58 1.83 0.00	28.44 2.10 0.00	28.44 2.23 0.00	43.00 2.92 0.00	33.49 2.24 0.00	31.45 2.38 0.00	25.94 2.05 0.00	22.90 1.83 0.00	26.14 2.04 0.00	34.25 2.59 0.00	33.42 2.18 0.00
NARROWS_GT1_8 24235	21.98 1.25 0.00	19.35 1.09 0.00	17.05 0.98 0.00	16.01 0.95 0.00	14.93 0.86 0.00	16.32 0.91 0.00	15.18 0.83 0.00	18.07 0.98 0.00	18.73 1.03 0.00	17.28 1.02 0.00	18.58 1.22 0.00	18.88 1.36 0.00	20.61 1.45 0.00	25.58 1.83 0.00	28.44 2.10 0.00	28.44 2.23 0.00	43.00 2.92 0.00	33.49 2.24 0.00	31.45 2.38 0.00	25.94 2.05 0.00	22.90 1.83 0.00	26.14 2.04 0.00	34.25 2.59 0.00	33.42 2.18 0.00
NARROWS_GT2_1 24236	21.98 1.25 0.00	19.35 1.09 0.00	17.05 0.98 0.00	16.01 0.95 0.00	14.93 0.86 0.00	16.32 0.91 0.00	15.18 0.83 0.00	18.07 0.98 0.00	18.73 1.03 0.00	17.28 1.02 0.00	18.58 1.22 0.00	18.88 1.36 0.00	20.61 1.45 0.00	25.58 1.83 0.00	28.44 2.10 0.00	28.44 2.23 0.00	43.00 2.92 0.00	33.49 2.24 0.00	31.45 2.38 0.00	25.94 2.05 0.00	22.90 1.83 0.00	26.14 2.04 0.00	34.25 2.59 0.00	33.42 2.18 0.00
NARROWS_GT2_2 24237	21.98 1.25 0.00	19.35 1.09 0.00	17.05 0.98 0.00	16.01 0.95 0.00	14.93 0.86 0.00	16.32 0.91 0.00	15.18 0.83 0.00	18.07 0.98 0.00	18.73 1.03 0.00	17.28 1.02 0.00	18.58 1.22 0.00	18.88 1.36 0.00	20.61 1.45 0.00	25.58 1.83 0.00	28.44 2.10 0.00	28.44 2.23 0.00	43.00 2.92 0.00	33.49 2.24 0.00	31.45 2.38 0.00	25.94 2.05 0.00	22.90 1.83 0.00	26.14 2.04 0.00	34.25 2.59 0.00	33.42 2.18 0.00
NARROWS_GT2_3 24238	21.98 1.25 0.00	19.35 1.09 0.00	17.05 0.98 0.00	16.01 0.95 0.00	14.93 0.86 0.00	16.32 0.91 0.00	15.18 0.83 0.00	18.07 0.98 0.00	18.73 1.03 0.00	17.28 1.02 0.00	18.58 1.22 0.00	18.88 1.36 0.00	20.61 1.45 0.00	25.58 1.83 0.00	28.44 2.10 0.00	28.44 2.23 0.00	43.00 2.92 0.00	33.49 2.24 0.00	31.45 2.38 0.00	25.94 2.05 0.00	22.90 1.83 0.00	26.14 2.04 0.00	34.25 2.59 0.00	33.42 2.18 0.00
NARROWS_GT2_4 24239	21.98 1.25 0.00	19.35 1.09 0.00	17.05 0.98 0.00	16.01 0.95 0.00	14.93 0.86 0.00	16.32 0.91 0.00	15.18 0.83 0.00	18.07 0.98 0.00	18.73 1.03 0.00	17.28 1.02 0.00	18.58 1.22 0.00	18.88 1.36 0.00	20.61 1.45 0.00	25.58 1.83 0.00	28.44 2.10 0.00	28.44 2.23 0.00	43.00 2.92 0.00	33.49 2.24 0.00	31.45 2.38 0.00	25.94 2.05 0.00	22.90 1.83 0.00	26.14 2.04 0.00	34.25 2.59 0.00	33.42 2.18 0.00

NARROWS_GT2_5 24240	21.98 1.25 0.00	19.35 1.09 0.00	17.05 0.98 0.00	16.01 0.95 0.00	14.93 0.86 0.00	16.32 0.91 0.00	15.18 0.83 0.00	18.07 0.98 0.00	18.73 1.03 0.00	17.28 1.02 0.00	18.58 1.22 0.00	18.88 1.36 0.00	20.61 1.45 0.00	25.58 1.83 0.00	28.44 2.10 0.00	28.44 2.23 0.00	43.00 2.92 0.00	33.49 2.24 0.00	31.45 2.38 0.00	25.94 2.05 0.00	22.90 1.83 0.00	26.14 2.04 0.00	34.25 2.59 0.00	33.42 2.18 0.00
NARROWS_GT2_6 24241	21.98 1.25 0.00	19.35 1.09 0.00	17.05 0.98 0.00	16.01 0.95 0.00	14.93 0.86 0.00	16.32 0.91 0.00	15.18 0.83 0.00	18.07 0.98 0.00	18.73 1.03 0.00	17.28 1.02 0.00	18.58 1.22 0.00	18.88 1.36 0.00	20.61 1.45 0.00	25.58 1.83 0.00	28.44 2.10 0.00	28.44 2.23 0.00	43.00 2.92 0.00	33.49 2.24 0.00	31.45 2.38 0.00	25.94 2.05 0.00	22.90 1.83 0.00	26.14 2.04 0.00	34.25 2.59 0.00	33.42 2.18 0.00
NARROWS_GT2_7 24242	21.98 1.25 0.00	19.35 1.09 0.00	17.05 0.98 0.00	16.01 0.95 0.00	14.93 0.86 0.00	16.32 0.91 0.00	15.18 0.83 0.00	18.07 0.98 0.00	18.73 1.03 0.00	17.28 1.02 0.00	18.58 1.22 0.00	18.88 1.36 0.00	20.61 1.45 0.00	25.58 1.83 0.00	28.44 2.10 0.00	28.44 2.23 0.00	43.00 2.92 0.00	33.49 2.24 0.00	31.45 2.38 0.00	25.94 2.05 0.00	22.90 1.83 0.00	26.14 2.04 0.00	34.25 2.59 0.00	33.42 2.18 0.00
NARROWS_GT2_8 24243	21.98 1.25 0.00	19.35 1.09 0.00	17.05 0.98 0.00	16.01 0.95 0.00	14.93 0.86 0.00	16.32 0.91 0.00	15.18 0.83 0.00	18.07 0.98 0.00	18.73 1.03 0.00	17.28 1.02 0.00	18.58 1.22 0.00	18.88 1.36 0.00	20.61 1.45 0.00	25.58 1.83 0.00	28.44 2.10 0.00	28.44 2.23 0.00	43.00 2.92 0.00	33.49 2.24 0.00	31.45 2.38 0.00	25.94 2.05 0.00	22.90 1.83 0.00	26.14 2.04 0.00	34.25 2.59 0.00	33.42 2.18 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	21.48 0.75 0.00	18.96 0.69 0.00	16.73 0.66 0.00	15.70 0.64 0.00	14.71 0.65 0.00	16.10 0.68 0.00	15.01 0.66 0.00	17.70 0.61 0.00	18.19 0.50 0.00	16.64 0.38 0.00	17.73 0.37 0.00	17.95 0.44 0.00	19.66 0.50 0.00	24.46 0.71 0.00	27.06 0.72 0.00	27.08 0.87 0.00	41.20 1.11 0.00	32.39 1.14 0.00	30.47 1.40 0.00	25.03 1.14 0.00	22.17 1.09 0.00	25.36 1.26 0.00	33.26 1.60 0.00	32.59 1.35 0.00
NCHELSEA_115KV_TR2 355582	21.94 1.21 0.00	19.33 1.06 0.00	17.03 0.96 0.00	15.99 0.92 0.00	14.91 0.84 0.00	16.30 0.89 0.00	15.17 0.82 0.00	18.04 0.96 0.00	18.70 1.00 0.00	17.22 0.97 0.00	18.48 1.13 0.00	18.77 1.25 0.00	20.51 1.35 0.00	25.51 1.76 0.00	28.35 2.01 0.00	28.35 2.14 0.00	43.12 3.03 0.00	33.62 2.36 0.00	31.50 2.42 0.00	25.90 2.01 0.00	22.87 1.80 0.00	26.08 1.97 0.00	34.19 2.53 0.00	33.41 2.17 0.00
NEG CAPITAL___MECHNVIL 23645	21.90 1.17 0.00	19.32 1.05 0.00	17.05 0.98 0.00	16.01 0.94 0.00	14.96 0.89 0.00	16.38 0.97 0.00	15.24 0.89 0.00	18.04 0.95 0.00	18.60 0.91 0.00	17.06 0.81 0.00	18.21 0.86 0.00	18.42 0.91 0.00	20.12 0.96 0.00	25.03 1.28 0.00	27.63 1.29 0.00	27.68 1.47 0.00	42.31 2.22 0.00	33.06 1.81 0.00	30.97 1.90 0.00	25.38 1.49 0.00	22.42 1.35 0.00	25.63 1.52 0.00	33.65 1.99 0.00	33.14 1.91 0.00
NEG CENTRAL_HIGH_ACRES 23767	20.18 -0.55 0.00	17.66 -0.60 0.00	15.51 -0.56 0.00	14.53 -0.54 0.00	13.56 -0.51 0.00	14.91 -0.51 0.00	13.87 -0.48 0.00	16.60 -0.49 0.00	17.26 -0.44 0.00	15.86 -0.39 0.00	16.92 -0.44 0.00	17.11 -0.40 0.00	18.82 -0.34 0.00	23.28 -0.47 0.00	25.77 -0.57 0.00	25.49 -0.72 0.00	38.97 -1.12 0.00	30.43 -0.83 0.00	28.28 -0.80 0.00	23.30 -0.58 0.00	20.49 -0.58 0.00	23.53 -0.58 0.00	30.70 -0.96 0.00	30.42 -0.82 0.00
NEG CENTRAL___DRP 24199	20.74 0.01 0.00	18.15 -0.11 0.00	15.97 -0.10 0.00	14.96 -0.11 0.00	13.96 -0.11 0.00	15.34 -0.08 0.00	14.29 -0.06 0.00	17.08 -0.01 0.00	17.70 0.00 0.00	16.26 0.00 0.00	17.34 -0.02 0.00	17.54 0.02 0.00	19.25 0.09 0.00	23.79 0.04 0.00	26.42 0.08 0.00	26.26 0.05 0.00	40.08 0.00 0.00	31.31 0.05 0.00	29.10 0.03 0.00	23.99 0.11 0.00	21.13 0.05 0.00	24.20 0.10 0.00	31.66 0.00 0.00	31.30 0.06 0.00
NEG CENTRAL___INDECK 23768	21.10 0.37 0.00	18.36 0.09 0.00	16.07 0.00 0.00	15.03 -0.04 0.00	14.04 -0.03 0.00	15.48 0.06 0.00	14.41 0.06 0.00	17.22 0.13 0.00	17.69 -0.01 0.00	16.33 0.07 0.00	17.42 0.07 0.00	17.67 0.16 0.00	19.47 0.30 0.00	24.05 0.30 0.00	26.77 0.43 0.00	26.41 0.20 0.00	40.17 0.09 0.00	31.41 0.15 0.00	29.21 0.14 0.00	24.22 0.33 0.00	21.44 0.37 0.00	24.70 0.60 0.00	32.21 0.54 0.00	31.88 0.64 0.00
NEG CENTRAL___SENECA 23627	20.80 0.07 0.00	18.16 -0.10 0.00	15.98 -0.09 0.00	14.97 -0.10 0.00	13.97 -0.10 0.00	15.36 -0.06 0.00	14.31 -0.04 0.00	17.13 0.04 0.00	17.75 0.05 0.00	16.31 0.05 0.00	17.40 0.05 0.00	17.62 0.11 0.00	19.35 0.19 0.00	23.91 0.16 0.00	26.58 0.24 0.00	26.38 0.16 0.00	40.22 0.13 0.00	31.44 0.18 0.00	29.19 0.12 0.00	24.11 0.22 0.00	21.21 0.14 0.00	24.31 0.20 0.00	31.76 0.10 0.00	31.38 0.14 0.00
NEG CENTRAL___STATE_STREET 24147	20.83 0.10 0.00	18.28 0.01 0.00	16.08 0.01 0.00	15.07 0.01 0.00	14.07 0.00 0.00	15.44 0.02 0.00	14.37 0.02 0.00	17.16 0.07 0.00	17.78 0.09 0.00	16.32 0.06 0.00	17.40 0.05 0.00	17.59 0.08 0.00	19.28 0.12 0.00	23.84 0.09 0.00	26.46 0.12 0.00	26.33 0.12 0.00	40.25 0.17 0.00	31.43 0.17 0.00	29.25 0.18 0.00	24.07 0.18 0.00	21.20 0.13 0.00	24.28 0.18 0.00	31.80 0.14 0.00	31.43 0.19 0.00
NEG MILLWOOD___DRP 24198	21.97 1.24 0.00	19.35 1.08 0.00	17.04 0.98 0.00	16.01 0.94 0.00	14.92 0.86 0.00	16.33 0.91 0.00	15.19 0.84 0.00	18.07 0.99 0.00	18.73 1.03 0.00	17.27 1.01 0.00	18.54 1.19 0.00	18.83 1.32 0.00	20.59 1.43 0.00	25.59 1.84 0.00	28.44 2.10 0.00	28.44 2.23 0.00	43.23 3.15 0.00	33.68 2.43 0.00	31.57 2.50 0.00	25.97 2.08 0.00	22.92 1.85 0.00	26.15 2.05 0.00	34.28 2.61 0.00	33.48 2.24 0.00
NEG NORTH_FLCN_SEA 23793	21.18 0.44 0.00	18.72 0.45 0.00	16.41 0.34 0.00	15.30 0.23 0.00	14.28 0.22 0.00	15.62 0.21 0.00	14.56 0.21 0.00	17.45 0.37 0.00	18.17 0.47 0.00	16.71 0.45 0.00	17.81 0.46 0.00	17.96 0.45 0.00	19.61 0.45 0.00	24.43 0.68 0.00	27.10 0.76 0.00	27.14 0.93 0.00	41.60 1.52 0.00	32.62 1.36 0.00	30.06 1.00 0.00	24.42 0.53 0.00	21.56 0.49 0.00	24.70 0.60 0.00	32.44 0.78 0.00	31.96 0.72 0.00
NEG NORTH_KES_CHATEGAY 23792	20.99 0.26 0.00	18.57 0.30 0.00	16.27 0.20 0.00	15.16 0.09 0.00	14.17 0.10 0.00	15.49 0.07 0.00	14.44 0.10 0.00	17.30 0.22 0.00	18.01 0.31 0.00	16.56 0.30 0.00	17.66 0.31 0.00	17.78 0.27 0.00	19.43 0.27 0.00	24.18 0.43 0.00	26.82 0.48 0.00	26.80 0.59 0.00	41.12 1.03 0.00	32.19 0.94 0.00	29.70 0.63 0.00	24.17 0.28 0.00	21.35 0.27 0.00	24.49 0.38 0.00	32.17 0.51 0.00	31.65 0.42 0.00

NEG NORTH___ALICE_FALLS 23915	21.22 0.49 0.00	18.75 0.48 0.00	16.43 0.36 0.00	15.32 0.25 0.00	14.30 0.24 0.00	15.64 0.22 0.00	14.58 0.23 0.00	17.48 0.39 0.00	18.21 0.51 0.00	16.73 0.48 0.00	17.83 0.48 0.00	17.98 0.47 0.00	19.63 0.47 0.00	24.46 0.71 0.00	27.13 0.79 0.00	27.18 0.97 0.00	41.70 1.62 0.00	32.70 1.44 0.00	30.17 1.10 0.00	24.53 0.65 0.00	21.66 0.59 0.00	24.82 0.72 0.00	32.57 0.91 0.00	32.05 0.81 0.00
NEG NORTH___LWR_SARANAC 23913	21.22 0.49 0.00	18.75 0.48 0.00	16.43 0.36 0.00	15.32 0.25 0.00	14.30 0.24 0.00	15.64 0.22 0.00	14.58 0.23 0.00	17.48 0.39 0.00	18.21 0.51 0.00	16.73 0.48 0.00	17.83 0.48 0.00	17.98 0.47 0.00	19.63 0.47 0.00	24.46 0.71 0.00	27.13 0.79 0.00	27.18 0.97 0.00	41.70 1.62 0.00	32.70 1.44 0.00	30.17 1.10 0.00	24.53 0.65 0.00	21.66 0.59 0.00	24.82 0.72 0.00	32.57 0.91 0.00	32.05 0.81 0.00
NEG NORTH___PLATTSBURG 23628	21.22 0.49 0.00	18.75 0.48 0.00	16.43 0.36 0.00	15.31 0.25 0.00	14.30 0.24 0.00	15.64 0.22 0.00	14.58 0.23 0.00	17.48 0.39 0.00	18.21 0.51 0.00	16.73 0.47 0.00	17.83 0.48 0.00	17.98 0.47 0.00	19.63 0.47 0.00	24.46 0.71 0.00	27.13 0.79 0.00	27.18 0.97 0.00	41.70 1.62 0.00	32.70 1.44 0.00	30.17 1.10 0.00	24.53 0.65 0.00	21.66 0.59 0.00	24.82 0.72 0.00	32.57 0.91 0.00	32.05 0.81 0.00
NEG WEST_LEA_LOCKPORT 23791	20.14 -0.59 0.00	17.54 -0.73 0.00	15.39 -0.68 0.00	14.41 -0.66 0.00	13.44 -0.62 0.00	14.82 -0.59 0.00	13.77 -0.58 0.00	16.54 -0.55 0.00	17.25 -0.45 0.00	15.86 -0.39 0.00	16.90 -0.45 0.00	17.12 -0.40 0.00	18.88 -0.28 0.00	23.19 -0.55 0.00	25.68 -0.66 0.00	25.17 -1.05 0.00	38.37 -1.71 0.00	30.01 -1.25 0.00	27.90 -1.17 0.00	23.10 -0.79 0.00	20.30 -0.77 0.00	23.40 -0.71 0.00	30.44 -1.22 0.00	30.42 -0.82 0.00
NEG WEST___LANCASTR 23811	20.43 -0.29 0.00	17.78 -0.48 0.00	15.65 -0.42 0.00	14.67 -0.40 0.00	13.67 -0.39 0.00	15.06 -0.36 0.00	14.02 -0.33 0.00	16.86 -0.23 0.00	17.52 -0.17 0.00	16.12 -0.14 0.00	17.22 -0.13 0.00	17.47 -0.05 0.00	19.24 0.08 0.00	23.63 -0.12 0.00	26.23 -0.10 0.00	25.77 -0.44 0.00	39.36 -0.73 0.00	30.67 -0.58 0.00	28.48 -0.60 0.00	23.52 -0.37 0.00	20.65 -0.42 0.00	23.80 -0.30 0.00	31.04 -0.63 0.00	30.92 -0.32 0.00
NEG_PENN_ALLEGHNY 23528	20.94 0.21 0.00	18.35 0.08 0.00	16.17 0.10 0.00	15.16 0.10 0.00	14.14 0.07 0.00	15.52 0.10 0.00	14.46 0.11 0.00	17.29 0.21 0.00	17.90 0.21 0.00	16.43 0.18 0.00	17.58 0.23 0.00	17.79 0.28 0.00	19.50 0.34 0.00	24.08 0.33 0.00	26.80 0.46 0.00	26.64 0.42 0.00	40.63 0.55 0.00	31.66 0.40 0.00	29.48 0.41 0.00	24.26 0.37 0.00	21.36 0.29 0.00	24.46 0.36 0.00	32.08 0.42 0.00	31.68 0.44 0.00
NEG___GEN_MONROE 24207	20.62 -0.11 0.00	18.02 -0.25 0.00	15.81 -0.26 0.00	14.81 -0.26 0.00	13.82 -0.25 0.00	15.20 -0.22 0.00	14.13 -0.22 0.00	16.94 -0.15 0.00	17.62 -0.07 0.00	16.18 -0.08 0.00	17.24 -0.12 0.00	17.45 -0.06 0.00	19.22 0.06 0.00	23.72 -0.03 0.00	26.23 -0.11 0.00	25.93 -0.28 0.00	39.63 -0.45 0.00	31.00 -0.26 0.00	28.83 -0.24 0.00	23.80 -0.09 0.00	20.94 -0.13 0.00	24.07 -0.04 0.00	31.37 -0.30 0.00	31.13 -0.11 0.00
NEPA___ENERGY 23901	20.50 -0.24 0.00	17.77 -0.50 0.00	15.70 -0.37 0.00	14.71 -0.36 0.00	13.67 -0.40 0.00	15.06 -0.35 0.00	14.03 -0.32 0.00	16.92 -0.17 0.00	17.57 -0.13 0.00	16.16 -0.10 0.00	17.34 -0.01 0.00	17.59 0.07 0.00	19.39 0.23 0.00	23.79 0.04 0.00	26.57 0.23 0.00	26.13 -0.08 0.00	39.83 -0.25 0.00	30.99 -0.26 0.00	28.67 -0.40 0.00	23.64 -0.25 0.00	20.74 -0.33 0.00	23.87 -0.23 0.00	31.27 -0.39 0.00	31.16 -0.08 0.00
NEVERSINK___HYD 23608	21.42 0.69 0.00	18.83 0.57 0.00	16.58 0.51 0.00	15.55 0.49 0.00	14.50 0.43 0.00	15.87 0.45 0.00	14.75 0.41 0.00	17.58 0.49 0.00	18.22 0.53 0.00	16.77 0.51 0.00	17.96 0.61 0.00	18.23 0.71 0.00	19.91 0.75 0.00	24.73 0.98 0.00	27.50 1.16 0.00	27.52 1.31 0.00	41.91 1.82 0.00	32.75 1.49 0.00	30.70 1.63 0.00	25.28 1.39 0.00	22.32 1.25 0.00	25.47 1.37 0.00	33.38 1.72 0.00	32.58 1.34 0.00
NEWKRMKL_115KV_TB1 55635	21.10 0.37 0.00	18.64 0.37 0.00	16.45 0.38 0.00	15.46 0.39 0.00	14.46 0.40 0.00	15.81 0.40 0.00	14.75 0.40 0.00	17.40 0.32 0.00	17.96 0.26 0.00	16.49 0.23 0.00	17.62 0.26 0.00	17.83 0.31 0.00	19.50 0.33 0.00	24.27 0.52 0.00	26.87 0.53 0.00	26.91 0.69 0.00	41.00 0.91 0.00	31.95 0.70 0.00	29.93 0.86 0.00	24.56 0.68 0.00	21.70 0.63 0.00	24.81 0.70 0.00	32.58 0.91 0.00	31.96 0.72 0.00
NEWTON___FALLS_HYD 23847	21.12 0.38 0.00	18.59 0.32 0.00	16.26 0.19 0.00	15.17 0.10 0.00	14.16 0.10 0.00	15.49 0.07 0.00	14.41 0.06 0.00	17.34 0.25 0.00	18.03 0.33 0.00	16.53 0.27 0.00	17.55 0.20 0.00	17.72 0.21 0.00	19.42 0.25 0.00	24.08 0.33 0.00	26.65 0.31 0.00	26.64 0.43 0.00	40.91 0.83 0.00	31.96 0.70 0.00	29.55 0.48 0.00	24.19 0.30 0.00	21.28 0.21 0.00	24.25 0.15 0.00	31.94 0.28 0.00	31.39 0.16 0.00
NGRID_A1_DSASP 323792	19.86 -0.87 0.00	17.32 -0.95 0.00	15.19 -0.88 0.00	14.23 -0.84 0.00	13.28 -0.79 0.00	14.63 -0.78 0.00	13.60 -0.75 0.00	16.33 -0.76 0.00	17.00 -0.69 0.00	15.65 -0.61 0.00	16.67 -0.69 0.00	16.87 -0.64 0.00	18.61 -0.55 0.00	22.87 -0.88 0.00	25.29 -1.05 0.00	24.78 -1.43 0.00	37.77 -2.32 0.00	29.53 -1.73 0.00	27.44 -1.63 0.00	22.72 -1.17 0.00	19.97 -1.10 0.00	23.03 -1.08 0.00	29.94 -1.72 0.00	29.89 -1.35 0.00
NGRID_A2_DSASP 323793	19.86 -0.87 0.00	17.32 -0.95 0.00	15.19 -0.88 0.00	14.23 -0.84 0.00	13.28 -0.79 0.00	14.63 -0.78 0.00	13.60 -0.75 0.00	16.33 -0.76 0.00	17.00 -0.69 0.00	15.65 -0.61 0.00	16.67 -0.69 0.00	16.87 -0.64 0.00	18.61 -0.55 0.00	22.87 -0.88 0.00	25.29 -1.05 0.00	24.78 -1.43 0.00	37.77 -2.32 0.00	29.53 -1.73 0.00	27.44 -1.63 0.00	22.72 -1.17 0.00	19.97 -1.10 0.00	23.03 -1.08 0.00	29.94 -1.72 0.00	29.89 -1.35 0.00
NGRID_A4_DSASP 323807	19.86 -0.87 0.00	17.32 -0.95 0.00	15.19 -0.88 0.00	14.23 -0.84 0.00	13.28 -0.79 0.00	14.63 -0.78 0.00	13.60 -0.75 0.00	16.33 -0.76 0.00	17.01 -0.68 0.00	15.65 -0.61 0.00	16.67 -0.69 0.00	16.87 -0.64 0.00	18.61 -0.55 0.00	22.85 -0.90 0.00	25.29 -1.05 0.00	24.78 -1.43 0.00	37.76 -2.33 0.00	29.52 -1.74 0.00	27.44 -1.63 0.00	22.72 -1.17 0.00	19.97 -1.10 0.00	23.02 -1.08 0.00	29.94 -1.72 0.00	29.90 -1.34 0.00
NIAGARA_115E_LBMP 323715	19.81 -0.92 0.00	17.27 -0.99 0.00	15.15 -0.92 0.00	14.19 -0.88 0.00	13.24 -0.83 0.00	14.61 -0.81 0.00	13.56 -0.79 0.00	16.28 -0.80 0.00	16.98 -0.72 0.00	15.62 -0.64 0.00	16.63 -0.73 0.00	16.83 -0.68 0.00	18.57 -0.59 0.00	22.81 -0.94 0.00	25.22 -1.12 0.00	24.71 -1.50 0.00	37.64 -2.44 0.00	29.44 -1.82 0.00	27.37 -1.70 0.00	22.68 -1.20 0.00	19.95 -1.13 0.00	22.98 -1.12 0.00	29.92 -1.74 0.00	29.98 -1.26 0.00

NIAGARA_115W_LBMP 323714	19.82 -0.91 0.00	17.28 -0.98 0.00	15.16 -0.91 0.00	14.20 -0.87 0.00	13.26 -0.81 0.00	14.61 -0.81 0.00	13.57 -0.78 0.00	16.30 -0.79 0.00	16.97 -0.72 0.00	15.62 -0.64 0.00	16.64 -0.72 0.00	16.84 -0.67 0.00	18.58 -0.59 0.00	22.82 -0.93 0.00	25.24 -1.10 0.00	24.73 -1.48 0.00	37.69 -2.40 0.00	29.46 -1.79 0.00	27.38 -1.69 0.00	22.68 -1.20 0.00	19.93 -1.14 0.00	22.98 -1.13 0.00	29.88 -1.78 0.00	29.84 -1.40 0.00
NIAGARA_230_LBMP 323716	19.98 -0.75 0.00	17.43 -0.84 0.00	15.29 -0.78 0.00	14.32 -0.75 0.00	13.37 -0.70 0.00	14.73 -0.69 0.00	13.69 -0.66 0.00	16.44 -0.65 0.00	17.11 -0.59 0.00	15.74 -0.51 0.00	16.77 -0.58 0.00	16.98 -0.54 0.00	18.72 -0.44 0.00	23.00 -0.75 0.00	25.47 -0.88 0.00	24.96 -1.25 0.00	38.10 -1.99 0.00	29.75 -1.51 0.00	27.65 -1.42 0.00	22.87 -1.02 0.00	20.10 -0.98 0.00	23.16 -0.94 0.00	30.14 -1.52 0.00	30.10 -1.14 0.00
NIAGARA__115KV_198_GIBSON 55903	19.82 -0.91 0.00	17.28 -0.98 0.00	15.16 -0.91 0.00	14.20 -0.87 0.00	13.26 -0.81 0.00	14.61 -0.81 0.00	13.57 -0.77 0.00	16.30 -0.79 0.00	16.98 -0.72 0.00	15.62 -0.64 0.00	16.63 -0.72 0.00	16.84 -0.68 0.00	18.58 -0.59 0.00	22.80 -0.95 0.00	25.24 -1.10 0.00	24.73 -1.48 0.00	37.68 -2.41 0.00	29.46 -1.80 0.00	27.38 -1.69 0.00	22.68 -1.21 0.00	19.94 -1.14 0.00	22.98 -1.13 0.00	29.88 -1.78 0.00	29.83 -1.40 0.00
NIAGARA____ 23760	19.85 -0.88 0.00	17.31 -0.96 0.00	15.18 -0.88 0.00	14.22 -0.85 0.00	13.27 -0.80 0.00	14.63 -0.78 0.00	13.58 -0.76 0.00	16.34 -0.75 0.00	17.02 -0.67 0.00	15.66 -0.59 0.00	16.69 -0.66 0.00	16.89 -0.62 0.00	18.63 -0.53 0.00	22.90 -0.85 0.00	25.33 -1.01 0.00	24.84 -1.37 0.00	37.89 -2.20 0.00	29.61 -1.64 0.00	27.51 -1.56 0.00	22.77 -1.12 0.00	20.01 -1.06 0.00	23.07 -1.04 0.00	30.02 -1.64 0.00	29.99 -1.25 0.00
NINE_MILE_1 23575	20.23 -0.50 0.00	17.79 -0.48 0.00	15.64 -0.43 0.00	14.66 -0.41 0.00	13.69 -0.38 0.00	15.02 -0.40 0.00	13.97 -0.38 0.00	16.66 -0.43 0.00	17.27 -0.43 0.00	15.84 -0.41 0.00	16.88 -0.47 0.00	17.04 -0.47 0.00	18.64 -0.52 0.00	23.04 -0.71 0.00	25.54 -0.80 0.00	25.42 -0.79 0.00	38.84 -1.25 0.00	30.30 -0.95 0.00	28.20 -0.87 0.00	23.19 -0.70 0.00	20.45 -0.62 0.00	23.40 -0.70 0.00	30.71 -0.95 0.00	30.44 -0.80 0.00
NINE_MILE_2 23744	20.23 -0.50 0.00	17.79 -0.48 0.00	15.64 -0.42 0.00	14.66 -0.41 0.00	13.69 -0.38 0.00	15.02 -0.40 0.00	13.98 -0.37 0.00	16.67 -0.42 0.00	17.27 -0.43 0.00	15.84 -0.41 0.00	16.88 -0.47 0.00	17.04 -0.47 0.00	18.64 -0.52 0.00	23.04 -0.71 0.00	25.54 -0.80 0.00	25.42 -0.79 0.00	38.84 -1.25 0.00	30.30 -0.95 0.00	28.20 -0.87 0.00	23.19 -0.70 0.00	20.45 -0.62 0.00	23.40 -0.70 0.00	30.71 -0.95 0.00	30.44 -0.80 0.00
NM_CAPITAL____DRP 24208	21.14 0.41 0.00	18.69 0.42 0.00	16.50 0.43 0.00	15.51 0.44 0.00	14.51 0.44 0.00	15.87 0.45 0.00	14.79 0.44 0.00	17.45 0.36 0.00	17.99 0.30 0.00	16.52 0.26 0.00	17.64 0.29 0.00	17.85 0.33 0.00	19.51 0.35 0.00	24.30 0.55 0.00	26.89 0.55 0.00	26.93 0.72 0.00	41.02 0.94 0.00	31.96 0.70 0.00	29.96 0.89 0.00	24.59 0.70 0.00	21.73 0.65 0.00	24.84 0.74 0.00	32.63 0.97 0.00	32.02 0.78 0.00
NM_CENTRAL____DRP 24181	20.60 -0.13 0.00	18.09 -0.18 0.00	15.90 -0.17 0.00	14.91 -0.16 0.00	13.92 -0.15 0.00	15.26 -0.15 0.00	14.21 -0.14 0.00	16.95 -0.13 0.00	17.57 -0.12 0.00	16.13 -0.12 0.00	17.21 -0.15 0.00	17.39 -0.13 0.00	19.04 -0.12 0.00	23.56 -0.19 0.00	26.13 -0.21 0.00	26.00 -0.21 0.00	39.73 -0.35 0.00	31.00 -0.26 0.00	28.86 -0.22 0.00	23.73 -0.16 0.00	20.91 -0.16 0.00	23.93 -0.17 0.00	31.36 -0.30 0.00	31.04 -0.20 0.00
NM_FRONTIER____DRP 24179	19.82 -0.91 0.00	17.28 -0.98 0.00	15.16 -0.91 0.00	14.20 -0.87 0.00	13.26 -0.81 0.00	14.61 -0.81 0.00	13.57 -0.77 0.00	16.30 -0.79 0.00	16.98 -0.72 0.00	15.62 -0.64 0.00	16.63 -0.72 0.00	16.84 -0.68 0.00	18.58 -0.59 0.00	22.80 -0.95 0.00	25.24 -1.10 0.00	24.73 -1.48 0.00	37.68 -2.41 0.00	29.46 -1.80 0.00	27.38 -1.69 0.00	22.68 -1.21 0.00	19.94 -1.14 0.00	22.98 -1.13 0.00	29.88 -1.78 0.00	29.83 -1.40 0.00
NM_ST_REGIS____HYD 24053	20.97 0.24 0.00	18.53 0.26 0.00	16.21 0.15 0.00	15.14 0.08 0.00	14.14 0.08 0.00	15.46 0.05 0.00	14.40 0.06 0.00	17.26 0.17 0.00	17.96 0.26 0.00	16.52 0.26 0.00	17.60 0.24 0.00	17.70 0.19 0.00	19.39 0.22 0.00	24.07 0.33 0.00	26.70 0.37 0.00	26.61 0.40 0.00	40.90 0.82 0.00	31.96 0.71 0.00	29.48 0.41 0.00	24.12 0.23 0.00	21.25 0.18 0.00	24.33 0.22 0.00	31.96 0.30 0.00	31.44 0.20 0.00
NORTHPORT____1 23551	22.09 1.36 0.00	19.47 1.21 0.00	17.13 1.06 0.00	16.05 0.98 0.00	15.00 0.93 0.00	16.45 1.04 0.00	15.31 0.96 0.00	18.08 1.00 0.00	18.69 0.99 0.00	17.23 0.98 0.00	28.47 1.25 -9.87	29.51 1.37 -10.62	31.56 1.43 -10.97	35.42 1.82 -9.85	29.51 2.04 -1.13	28.29 2.08 0.00	42.57 2.48 0.00	33.00 1.74 0.00	31.12 2.05 0.00	25.78 1.90 0.00	24.42 1.91 -1.45	57.69 2.06 -31.52	45.69 2.62 -11.40	41.58 2.34 -8.00
NORTHPORT____2 23552	22.09 1.36 0.00	19.47 1.21 0.00	17.13 1.06 0.00	16.05 0.98 0.00	15.00 0.93 0.00	16.45 1.04 0.00	15.31 0.96 0.00	18.08 1.00 0.00	18.69 0.99 0.00	17.23 0.98 0.00	28.47 1.25 -9.87	29.51 1.37 -10.62	31.56 1.43 -10.97	35.42 1.82 -9.85	29.51 2.04 -1.13	28.29 2.08 0.00	42.57 2.48 0.00	33.00 1.74 0.00	31.12 2.05 0.00	25.78 1.90 0.00	24.42 1.91 -1.45	57.69 2.06 -31.52	45.69 2.62 -11.40	41.58 2.34 -8.00
NORTHPORT____3 23553	21.93 1.20 0.00	19.34 1.08 0.00	17.01 0.95 0.00	15.94 0.88 0.00	14.90 0.83 0.00	16.34 0.92 0.00	15.20 0.85 0.00	18.00 0.91 0.00	18.65 0.95 0.00	17.20 0.94 0.00	28.42 1.20 -9.87	29.43 1.30 -10.62	31.46 1.33 -10.97	35.32 1.72 -9.85	29.37 1.90 -1.13	28.16 1.95 0.00	42.43 2.35 0.00	32.90 1.64 0.00	31.01 1.94 0.00	25.67 1.78 0.00	24.31 1.79 -1.45	57.57 1.94 -31.52	45.52 2.45 -11.40	41.43 2.19 -8.00
NORTHPORT____4 23650	21.93 1.20 0.00	19.34 1.08 0.00	17.01 0.95 0.00	15.94 0.88 0.00	14.90 0.83 0.00	16.34 0.92 0.00	15.20 0.85 0.00	18.00 0.91 0.00	18.65 0.95 0.00	17.20 0.94 0.00	28.42 1.20 -9.87	29.43 1.30 -10.62	31.46 1.33 -10.97	35.32 1.72 -9.85	29.37 1.90 -1.13	28.16 1.95 0.00	42.43 2.35 0.00	32.90 1.64 0.00	31.01 1.94 0.00	25.67 1.78 0.00	24.31 1.79 -1.45	57.57 1.94 -31.52	45.52 2.45 -11.40	41.43 2.19 -8.00
NORTHPORT____IC 23718	22.09 1.36 0.00	19.47 1.21 0.00	17.13 1.06 0.00	16.05 0.98 0.00	15.00 0.93 0.00	16.45 1.04 0.00	15.31 0.96 0.00	18.08 1.00 0.00	18.69 0.99 0.00	17.23 0.98 0.00	28.47 1.25 -9.87	29.51 1.37 -10.62	31.56 1.43 -10.97	35.42 1.82 -9.85	29.51 2.04 -1.13	28.29 2.08 0.00	42.57 2.48 0.00	33.00 1.74 0.00	31.12 2.05 0.00	25.78 1.90 0.00	24.42 1.91 -1.45	57.69 2.06 -31.52	45.69 2.62 -11.40	41.58 2.34 -8.00

NORTH____COUNTRY_ESR 323785	20.95 0.22 0.00	18.53 0.27 0.00	16.24 0.17 0.00	15.14 0.08 0.00	14.15 0.09 0.00	15.47 0.05 0.00	14.43 0.08 0.00	17.28 0.19 0.00	17.98 0.28 0.00	16.54 0.28 0.00	17.63 0.28 0.00	17.76 0.25 0.00	19.41 0.25 0.00	24.15 0.40 0.00	26.78 0.44 0.00	26.76 0.55 0.00	41.05 0.97 0.00	32.14 0.88 0.00	29.63 0.56 0.00	24.13 0.25 0.00	21.30 0.23 0.00	24.42 0.32 0.00	32.09 0.43 0.00	31.60 0.36 0.00
NPX_GEN_1385_PROXY 323591	22.09 1.36 0.00	19.47 1.21 0.00	17.13 1.06 0.00	16.05 0.98 0.00	15.00 0.93 0.00	16.45 1.04 0.00	15.31 0.96 0.00	18.08 1.00 0.00	18.69 0.99 0.00	17.23 0.98 0.00	28.47 1.25 -9.87	29.51 1.37 -10.62	31.56 1.43 -10.97	35.42 1.82 -9.85	29.51 2.04 -1.13	28.29 2.08 0.00	42.57 2.48 0.00	57.99 1.74 -24.99	-6.36 2.05 37.47	21.16 1.90 4.62	24.42 1.91 -1.45	57.69 2.06 -31.52	45.69 2.62 -11.40	41.58 2.34 -8.00
NPX_GEN_CSC 323557	21.91 1.18 0.00	19.38 1.11 0.00	17.01 0.94 0.00	15.92 0.86 0.00	14.89 0.82 0.00	16.42 1.00 0.00	15.29 0.95 0.00	18.00 0.91 0.00	18.49 0.80 0.00	17.06 0.80 0.00	28.23 1.01 -9.87	29.29 1.16 -10.62	31.36 1.23 -10.97	35.22 1.62 -9.85	29.36 1.89 -1.13	28.14 1.92 0.00	42.28 2.20 0.00	57.81 1.57 -24.99	-6.49 1.92 37.47	21.07 1.81 4.62	24.39 1.87 -1.45	57.60 1.98 -31.52	45.52 2.45 -11.40	41.36 2.12 -8.00
NSINS_S_GLNS_FALLS 23858	22.28 1.54 0.00	19.63 1.36 0.00	17.32 1.26 0.00	16.25 1.18 0.00	15.15 1.09 0.00	16.61 1.19 0.00	15.42 1.08 0.00	18.29 1.20 0.00	18.88 1.19 0.00	17.33 1.07 0.00	18.41 1.06 0.00	18.63 1.12 0.00	20.31 1.15 0.00	25.12 1.37 0.00	27.61 1.27 0.00	27.66 1.45 0.00	42.36 2.27 0.00	33.28 2.03 0.00	31.10 2.03 0.00	25.36 1.47 0.00	22.47 1.40 0.00	25.67 1.57 0.00	33.75 2.09 0.00	33.56 2.32 0.00
NUCOR_STEEL____DRP 24197	20.81 0.08 0.00	18.26 0.00 0.00	16.07 0.00 0.00	15.06 -0.01 0.00	14.06 -0.01 0.00	15.43 0.01 0.00	14.36 0.01 0.00	17.14 0.06 0.00	17.77 0.07 0.00	16.30 0.04 0.00	17.39 0.03 0.00	17.58 0.06 0.00	19.27 0.10 0.00	23.81 0.06 0.00	26.43 0.09 0.00	26.29 0.08 0.00	40.21 0.12 0.00	31.38 0.13 0.00	29.22 0.15 0.00	24.04 0.15 0.00	21.18 0.11 0.00	24.24 0.14 0.00	31.76 0.10 0.00	31.40 0.16 0.00
NUMBER_THREE_WT_PWR 323818	21.33 0.60 0.00	18.73 0.46 0.00	16.37 0.31 0.00	15.26 0.20 0.00	14.24 0.17 0.00	15.57 0.15 0.00	14.46 0.11 0.00	17.48 0.39 0.00	18.19 0.49 0.00	16.65 0.39 0.00	17.63 0.28 0.00	17.84 0.33 0.00	19.55 0.39 0.00	24.27 0.52 0.00	26.84 0.50 0.00	26.87 0.66 0.00	41.21 1.13 0.00	32.20 0.94 0.00	29.84 0.77 0.00	24.38 0.50 0.00	21.44 0.36 0.00	24.33 0.23 0.00	32.10 0.44 0.00	31.50 0.26 0.00
NYISO_LBMP_REFERENCE 24008	20.73 0.00 0.00	18.27 0.00 0.00	16.07 0.00 0.00	15.07 0.00 0.00	14.07 0.00 0.00	15.42 0.00 0.00	14.35 0.00 0.00	17.08 0.00 0.00	17.70 0.00 0.00	16.26 0.00 0.00	17.35 0.00 0.00	17.52 0.00 0.00	19.16 0.00 0.00	23.75 0.00 0.00	26.34 0.00 0.00	26.21 0.00 0.00	40.09 0.00 0.00	31.26 0.00 0.00	29.07 0.00 0.00	23.89 0.00 0.00	21.07 0.00 0.00	24.10 0.00 0.00	31.66 0.00 0.00	31.24 0.00 0.00
NYPA_BRENTWD____GT 24164	22.24 1.51 0.00	19.61 1.34 0.00	17.24 1.17 0.00	16.15 1.08 0.00	15.09 1.02 0.00	16.56 1.14 0.00	15.40 1.05 0.00	18.20 1.12 0.00	18.82 1.13 0.00	17.36 1.10 0.00	28.61 1.39 -9.87	29.67 1.54 -10.62	31.77 1.64 -10.97	35.69 2.09 -9.85	29.80 2.33 -1.13	28.55 2.34 0.00	42.82 2.74 0.00	33.07 1.81 0.00	31.19 2.12 0.00	25.95 2.06 0.00	24.69 2.17 -1.45	57.92 2.30 -31.52	45.99 2.93 -11.40	41.92 2.68 -8.00
NYPA_GOWANUS____GT5 24156	21.98 1.25 0.00	19.35 1.09 0.00	17.05 0.98 0.00	16.01 0.95 0.00	14.93 0.86 0.00	16.32 0.91 0.00	15.18 0.83 0.00	18.07 0.98 0.00	18.73 1.03 0.00	17.28 1.02 0.00	18.58 1.22 0.00	18.88 1.36 0.00	20.61 1.45 0.00	25.58 1.83 0.00	28.44 2.10 0.00	28.44 2.23 0.00	43.00 2.92 0.00	33.49 2.24 0.00	31.45 2.38 0.00	25.94 2.05 0.00	22.90 1.83 0.00	26.14 2.04 0.00	34.25 2.59 0.00	33.42 2.18 0.00
NYPA_GOWANUS____GT6 24157	21.98 1.25 0.00	19.35 1.09 0.00	17.05 0.98 0.00	16.01 0.95 0.00	14.93 0.86 0.00	16.32 0.91 0.00	15.18 0.83 0.00	18.07 0.98 0.00	18.73 1.03 0.00	17.28 1.02 0.00	18.58 1.22 0.00	18.88 1.36 0.00	20.61 1.45 0.00	25.58 1.83 0.00	28.44 2.10 0.00	28.44 2.23 0.00	43.00 2.92 0.00	33.49 2.24 0.00	31.45 2.38 0.00	25.94 2.05 0.00	22.90 1.83 0.00	26.14 2.04 0.00	34.25 2.59 0.00	33.42 2.18 0.00
NYPA_HARLEM_RVR_GT1 24160	21.81 1.08 0.00	19.22 0.95 0.00	16.95 0.88 0.00	15.91 0.85 0.00	14.84 0.77 0.00	16.22 0.80 0.00	15.06 0.72 0.00	17.92 0.83 0.00	18.59 0.90 0.00	17.16 0.90 0.00	18.45 1.10 0.00	18.72 1.21 0.01	20.46 1.30 0.00	25.36 1.61 0.00	28.17 1.83 0.00	28.18 1.97 0.00	42.71 2.63 0.01	33.22 1.97 0.01	31.23 2.16 0.00	25.70 1.81 0.00	22.67 1.60 0.00	25.93 1.83 0.00	33.98 2.31 0.00	33.15 1.91 0.00
NYPA_HARLEM_RVR_GT2 24161	21.81 1.08 0.00	19.22 0.95 0.00	16.95 0.88 0.00	15.91 0.85 0.00	14.84 0.77 0.00	16.22 0.80 0.00	15.06 0.72 0.00	17.92 0.83 0.00	18.59 0.90 0.00	17.16 0.90 0.00	18.45 1.10 0.00	18.72 1.21 0.01	20.46 1.30 0.00	25.36 1.61 0.00	28.17 1.83 0.00	28.18 1.97 0.00	42.71 2.63 0.01	33.22 1.97 0.01	31.23 2.16 0.00	25.70 1.81 0.00	22.67 1.60 0.00	25.93 1.83 0.00	33.98 2.31 0.00	33.15 1.91 0.00
NYPA_KENT____GT 24152	21.94 1.21 0.00	19.33 1.06 0.00	17.03 0.96 0.00	16.00 0.93 0.00	14.92 0.85 0.00	16.31 0.89 0.00	15.17 0.82 0.00	18.04 0.96 0.00	18.71 1.01 0.00	17.26 1.00 0.00	18.56 1.20 0.00	18.85 1.34 0.00	20.59 1.43 0.00	25.56 1.81 0.00	28.41 2.07 0.00	28.41 2.20 0.00	42.99 2.91 0.00	33.47 2.21 0.00	31.43 2.35 0.00	25.90 2.01 0.00	22.87 1.79 0.00	26.11 2.01 0.00	34.21 2.54 0.00	33.40 2.16 0.00
NYPA_POUCH1____GT 24155	21.99 1.25 0.00	19.35 1.08 0.00	17.05 0.98 0.00	16.01 0.94 0.00	14.93 0.86 0.00	16.32 0.91 0.00	15.18 0.83 0.00	18.06 0.97 0.00	18.72 1.02 0.00	17.26 1.01 0.00	18.56 1.20 0.00	18.85 1.34 0.00	20.58 1.42 0.00	25.56 1.81 0.00	28.46 2.12 0.00	28.43 2.22 0.00	42.86 2.78 0.00	33.40 2.14 0.00	31.38 2.31 0.00	25.91 2.03 0.00	22.88 1.81 0.00	26.10 2.00 0.00	34.17 2.51 0.00	33.36 2.12 0.00
NYPA_VERNON____GT2 24162	21.91 1.18 0.00	19.30 1.04 0.00	17.01 0.94 0.00	15.98 0.91 0.00	14.90 0.84 0.00	16.29 0.87 0.00	15.15 0.80 0.00	18.02 0.94 0.00	18.69 0.99 0.00	17.24 0.99 0.00	18.53 1.18 0.00	18.83 1.32 0.00	20.57 1.41 0.00	25.53 1.78 0.00	28.37 2.03 0.00	28.37 2.16 0.00	42.99 2.90 0.00	33.45 2.19 0.00	31.40 2.33 0.00	25.86 1.98 0.00	22.83 1.76 0.00	26.08 1.98 0.00	34.16 2.50 0.00	33.35 2.12 0.00

NYPA_VERNON____GT3 24163	21.91 1.18 0.00	19.30 1.04 0.00	17.01 0.94 0.00	15.98 0.91 0.00	14.90 0.84 0.00	16.29 0.87 0.00	15.15 0.80 0.00	18.02 0.94 0.00	18.69 0.99 0.00	17.24 0.99 0.00	18.53 1.18 0.00	18.83 1.32 0.00	20.57 1.41 0.00	25.53 1.78 0.00	28.37 2.03 0.00	28.37 2.16 0.00	42.99 2.90 0.00	33.45 2.19 0.00	31.40 2.33 0.00	25.86 1.98 0.00	22.83 1.76 0.00	26.08 1.98 0.00	34.16 2.50 0.00	33.35 2.12 0.00
NYPA____ASTORIA_CC1 323568	21.86 1.13 0.00	19.27 1.00 0.00	16.99 0.92 0.00	15.96 0.89 0.00	14.88 0.82 0.00	16.27 0.85 0.00	15.13 0.79 0.00	17.99 0.91 0.00	18.66 0.96 0.00	17.21 0.95 0.00	18.50 1.15 0.00	18.79 1.28 0.00	20.53 1.37 0.00	25.48 1.73 0.00	28.31 1.98 0.00	28.32 2.11 0.00	42.94 2.85 0.00	33.42 2.16 0.00	31.38 2.31 0.00	25.84 1.95 0.00	22.80 1.73 0.00	26.04 1.94 0.00	34.12 2.45 0.00	33.30 2.07 0.00
NYPA____ASTORIA_CC2 323569	21.86 1.13 0.00	19.27 1.00 0.00	16.99 0.92 0.00	15.96 0.89 0.00	14.88 0.82 0.00	16.27 0.85 0.00	15.13 0.79 0.00	17.99 0.91 0.00	18.66 0.96 0.00	17.21 0.95 0.00	18.50 1.15 0.00	18.79 1.28 0.00	20.53 1.37 0.00	25.48 1.73 0.00	28.31 1.98 0.00	28.32 2.11 0.00	42.94 2.85 0.00	33.42 2.16 0.00	31.38 2.31 0.00	25.84 1.95 0.00	22.80 1.73 0.00	26.04 1.94 0.00	34.12 2.45 0.00	33.30 2.07 0.00
NYPA____HOLTSVILL 23794	22.04 1.31 0.00	19.44 1.18 0.00	17.09 1.02 0.00	16.01 0.94 0.00	14.96 0.89 0.00	16.43 1.02 0.00	15.30 0.95 0.00	18.06 0.97 0.00	18.64 0.95 0.00	17.20 0.94 0.00	28.40 1.18 -9.87	29.46 1.33 -10.62	31.54 1.40 -10.97	35.42 1.82 -9.85	29.54 2.07 -1.13	28.31 2.10 0.00	42.54 2.46 0.00	33.00 1.75 0.00	31.14 2.07 0.00	25.82 1.93 0.00	24.49 1.97 -1.45	57.74 2.11 -31.52	45.73 2.66 -11.40	41.59 2.35 -8.00
NYPA____HELLGATE_GT1 24158	21.81 1.08 0.00	19.22 0.95 0.00	16.95 0.88 0.00	15.91 0.85 0.00	14.84 0.77 0.00	16.22 0.80 0.00	15.06 0.72 0.00	17.92 0.83 0.00	18.59 0.90 0.00	17.16 0.90 0.00	18.45 1.10 0.00	18.72 1.21 0.01	20.46 1.30 0.00	25.36 1.61 0.00	28.17 1.83 0.00	28.18 1.97 0.00	42.73 2.65 0.01	33.25 2.00 0.00	31.25 2.18 0.00	25.70 1.81 0.00	22.67 1.60 0.00	25.93 1.83 0.00	33.98 2.31 0.00	33.15 1.91 0.00
NYPA____HELLGATE_GT2 24159	21.81 1.08 0.00	19.22 0.95 0.00	16.95 0.88 0.00	15.91 0.85 0.00	14.84 0.77 0.00	16.22 0.80 0.00	15.06 0.72 0.00	17.92 0.83 0.00	18.59 0.90 0.00	17.16 0.90 0.00	18.45 1.10 0.00	18.72 1.21 0.01	20.46 1.30 0.00	25.36 1.61 0.00	28.17 1.83 0.00	28.18 1.97 0.00	42.73 2.65 0.01	33.25 2.00 0.00	31.25 2.18 0.00	25.70 1.81 0.00	22.67 1.60 0.00	25.93 1.83 0.00	33.98 2.31 0.00	33.15 1.91 0.00
NYS_BARGE____HYD 23848	20.13 -0.60 0.00	17.54 -0.73 0.00	15.38 -0.69 0.00	14.40 -0.66 0.00	13.44 -0.62 0.00	14.82 -0.60 0.00	13.76 -0.58 0.00	16.53 -0.55 0.00	17.24 -0.46 0.00	15.86 -0.40 0.00	16.89 -0.46 0.00	17.11 -0.40 0.00	18.88 -0.28 0.00	23.20 -0.55 0.00	25.66 -0.68 0.00	25.16 -1.05 0.00	38.37 -1.72 0.00	30.01 -1.25 0.00	27.91 -1.16 0.00	23.10 -0.78 0.00	20.31 -0.75 0.00	23.41 -0.69 0.00	30.44 -1.22 0.00	30.44 -0.80 0.00
OAK ORCHARD____HYD 24046	20.51 -0.22 0.00	17.93 -0.34 0.00	15.74 -0.33 0.00	14.74 -0.33 0.00	13.75 -0.31 0.00	15.13 -0.29 0.00	14.07 -0.28 0.00	16.86 -0.23 0.00	17.53 -0.17 0.00	16.10 -0.16 0.00	17.17 -0.18 0.00	17.38 -0.14 0.00	19.12 -0.04 0.00	23.62 -0.13 0.00	26.13 -0.21 0.00	25.82 -0.39 0.00	39.45 -0.63 0.00	30.83 -0.42 0.00	28.67 -0.39 0.00	23.64 -0.24 0.00	20.80 -0.28 0.00	23.90 -0.20 0.00	31.17 -0.49 0.00	30.93 -0.31 0.00
OAKDALE____35_KV_LOAD 356122	20.86 0.13 0.00	18.28 0.02 0.00	16.11 0.04 0.00	15.11 0.05 0.00	14.09 0.02 0.00	15.47 0.05 0.00	14.41 0.07 0.00	17.23 0.15 0.00	17.84 0.14 0.00	16.38 0.12 0.00	17.52 0.16 0.00	17.72 0.21 0.00	19.42 0.26 0.00	23.98 0.23 0.00	26.68 0.34 0.00	26.52 0.30 0.00	40.46 0.38 0.00	31.52 0.27 0.00	29.35 0.28 0.00	24.16 0.27 0.00	21.27 0.20 0.00	24.36 0.26 0.00	31.96 0.30 0.00	31.57 0.33 0.00
OCC_CHEM____DRP 24175	19.86 -0.87 0.00	17.32 -0.95 0.00	15.19 -0.88 0.00	14.23 -0.84 0.00	13.28 -0.79 0.00	14.63 -0.78 0.00	13.60 -0.75 0.00	16.33 -0.76 0.00	17.01 -0.68 0.00	15.65 -0.61 0.00	16.67 -0.69 0.00	16.87 -0.64 0.00	18.61 -0.55 0.00	22.85 -0.90 0.00	25.29 -1.05 0.00	24.78 -1.43 0.00	37.76 -2.33 0.00	29.52 -1.74 0.00	27.44 -1.63 0.00	22.72 -1.17 0.00	19.97 -1.10 0.00	23.02 -1.08 0.00	29.94 -1.72 0.00	29.90 -1.34 0.00
OH_GEN_PROXY 24063	20.01 -0.73 0.00	17.44 -0.82 0.00	15.32 -0.75 0.00	14.34 -0.73 0.00	13.39 -0.68 0.00	14.75 -0.67 0.00	13.71 -0.63 0.00	34.15 -0.62 -17.69	33.93 -0.56 -16.79	15.77 -0.49 0.00	16.80 -0.55 0.00	17.01 -0.51 0.00	18.75 -0.41 0.00	23.04 -0.71 0.00	25.52 -0.82 0.00	25.03 -1.18 0.00	38.21 -1.88 0.00	54.82 -1.43 -24.99	5.91 -1.35 21.81	18.29 -0.97 4.62	20.13 -0.94 0.00	23.21 -0.90 0.00	30.21 -1.45 0.00	30.14 -1.10 0.00
OLIN_CORP_DRP 24177	19.85 -0.88 0.00	17.30 -0.96 0.00	15.17 -0.89 0.00	14.21 -0.86 0.00	13.26 -0.80 0.00	14.63 -0.79 0.00	13.58 -0.76 0.00	16.31 -0.78 0.00	17.01 -0.69 0.00	15.65 -0.61 0.00	16.66 -0.70 0.00	16.86 -0.66 0.00	18.60 -0.56 0.00	22.83 -0.92 0.00	25.27 -1.07 0.00	24.76 -1.45 0.00	37.72 -2.37 0.00	29.49 -1.76 0.00	27.43 -1.64 0.00	22.73 -1.16 0.00	19.98 -1.09 0.00	23.02 -1.08 0.00	29.96 -1.70 0.00	30.01 -1.23 0.00
OLIN_CORP_DSASP 323712	19.86 -0.87 0.00	17.32 -0.95 0.00	15.19 -0.88 0.00	14.23 -0.84 0.00	13.28 -0.79 0.00	14.63 -0.78 0.00	13.60 -0.75 0.00	16.33 -0.76 0.00	17.00 -0.69 0.00	15.65 -0.61 0.00	16.67 -0.69 0.00	16.87 -0.64 0.00	18.61 -0.55 0.00	22.87 -0.88 0.00	25.29 -1.05 0.00	24.78 -1.43 0.00	37.77 -2.32 0.00	29.53 -1.73 0.00	27.44 -1.63 0.00	22.72 -1.17 0.00	19.97 -1.10 0.00	23.03 -1.08 0.00	29.94 -1.72 0.00	29.89 -1.35 0.00
ONEIDA_HERK_LFGE 323681	21.21 0.48 0.00	18.64 0.37 0.00	16.35 0.28 0.00	15.30 0.23 0.00	14.27 0.21 0.00	15.63 0.22 0.00	14.54 0.19 0.00	17.43 0.34 0.00	18.09 0.39 0.00	16.59 0.33 0.00	17.65 0.30 0.00	17.83 0.31 0.00	19.52 0.35 0.00	24.20 0.45 0.00	26.84 0.50 0.00	26.81 0.60 0.00	41.05 0.96 0.00	32.08 0.82 0.00	29.81 0.74 0.00	24.43 0.55 0.00	21.52 0.45 0.00	24.53 0.43 0.00	32.25 0.59 0.00	31.71 0.47 0.00
ONEIDA____115KV_TB4 55905	21.18 0.45 0.00	18.60 0.33 0.00	16.35 0.28 0.00	15.31 0.24 0.00	14.28 0.22 0.00	15.66 0.24 0.00	14.58 0.23 0.00	17.40 0.32 0.00	18.02 0.33 0.00	16.55 0.30 0.00	17.65 0.30 0.00	17.83 0.31 0.00	19.52 0.36 0.00	24.18 0.43 0.00	26.89 0.55 0.00	26.79 0.58 0.00	41.05 0.96 0.00	32.10 0.84 0.00	29.86 0.79 0.00	24.53 0.64 0.00	21.63 0.56 0.00	24.71 0.61 0.00	32.41 0.75 0.00	31.90 0.66 0.00

ONONDAGA_REF_OCCRA 23987	20.70 -0.03 0.00	18.18 -0.09 0.00	15.99 -0.08 0.00	14.99 -0.08 0.00	13.99 -0.08 0.00	15.35 -0.07 0.00	14.28 -0.06 0.00	17.04 -0.04 0.00	17.67 -0.03 0.00	16.21 -0.05 0.00	17.30 -0.06 0.00	17.48 -0.04 0.00	19.14 -0.02 0.00	23.68 -0.07 0.00	26.28 -0.06 0.00	26.15 -0.06 0.00	40.00 -0.08 0.00	31.20 -0.05 0.00	29.06 -0.01 0.00	23.90 0.01 0.00	21.06 -0.01 0.00	24.10 -0.01 0.00	31.58 -0.08 0.00	31.22 -0.02 0.00
ONONDAGA___COGEN 23986	20.68 -0.05 0.00	18.16 -0.11 0.00	15.97 -0.10 0.00	14.97 -0.09 0.00	13.97 -0.09 0.00	15.33 -0.09 0.00	14.27 -0.08 0.00	17.03 -0.06 0.00	17.65 -0.05 0.00	16.20 -0.06 0.00	17.28 -0.07 0.00	17.46 -0.05 0.00	19.12 -0.04 0.00	23.65 -0.10 0.00	26.24 -0.10 0.00	26.12 -0.10 0.00	39.92 -0.16 0.00	31.14 -0.11 0.00	28.99 -0.08 0.00	23.84 -0.04 0.00	21.00 -0.07 0.00	24.04 -0.07 0.00	31.51 -0.15 0.00	31.17 -0.07 0.00
ONTARIO___LFGE 23819	20.80 0.07 0.00	18.16 -0.10 0.00	15.98 -0.09 0.00	14.97 -0.10 0.00	13.97 -0.10 0.00	15.36 -0.06 0.00	14.31 -0.04 0.00	17.13 0.04 0.00	17.74 0.04 0.00	16.31 0.05 0.00	17.40 0.05 0.00	17.62 0.11 0.00	19.35 0.19 0.00	23.92 0.17 0.00	26.58 0.24 0.00	26.38 0.16 0.00	40.22 0.14 0.00	31.44 0.18 0.00	29.19 0.12 0.00	24.11 0.22 0.00	21.21 0.14 0.00	24.30 0.20 0.00	31.77 0.10 0.00	31.37 0.13 0.00
ORANGEVILLE_WT_PWR 323706	20.44 -0.29 0.00	17.75 -0.52 0.00	15.54 -0.53 0.00	14.54 -0.53 0.00	13.58 -0.48 0.00	15.01 -0.41 0.00	13.93 -0.42 0.00	16.73 -0.36 0.00	17.38 -0.32 0.00	16.05 -0.21 0.00	17.20 -0.16 0.00	17.44 -0.07 0.00	19.22 0.06 0.00	23.64 -0.11 0.00	26.24 -0.10 0.00	25.74 -0.47 0.00	39.14 -0.94 0.00	30.45 -0.81 0.00	28.31 -0.76 0.00	23.39 -0.50 0.00	20.56 -0.51 0.00	23.77 -0.34 0.00	31.06 -0.60 0.00	30.82 -0.42 0.00
ORANGEVILLE___ESR 323794	20.44 -0.29 0.00	17.75 -0.52 0.00	15.54 -0.53 0.00	14.54 -0.53 0.00	13.58 -0.48 0.00	15.01 -0.41 0.00	13.93 -0.42 0.00	16.73 -0.36 0.00	17.38 -0.32 0.00	16.05 -0.21 0.00	17.20 -0.16 0.00	17.44 -0.07 0.00	19.22 0.06 0.00	23.64 -0.11 0.00	26.24 -0.10 0.00	25.74 -0.47 0.00	39.14 -0.94 0.00	30.45 -0.81 0.00	28.31 -0.76 0.00	23.39 -0.50 0.00	20.56 -0.51 0.00	23.77 -0.34 0.00	31.06 -0.60 0.00	30.82 -0.42 0.00
OSWEGATCHIE___HYD 24044	21.12 0.38 0.00	18.59 0.32 0.00	16.26 0.19 0.00	15.17 0.11 0.00	14.16 0.10 0.00	15.49 0.07 0.00	14.41 0.06 0.00	17.34 0.25 0.00	18.03 0.33 0.00	16.53 0.27 0.00	17.55 0.20 0.00	17.72 0.21 0.00	19.42 0.25 0.00	24.08 0.33 0.00	26.65 0.31 0.00	26.64 0.43 0.00	40.91 0.83 0.00	31.96 0.70 0.00	29.55 0.48 0.00	24.19 0.30 0.00	21.28 0.21 0.00	24.26 0.15 0.00	31.94 0.28 0.00	31.39 0.16 0.00
OSWEGO___5 23606	20.37 -0.36 0.00	17.90 -0.37 0.00	15.74 -0.33 0.00	14.76 -0.31 0.00	13.78 -0.29 0.00	15.11 -0.31 0.00	14.06 -0.28 0.00	16.77 -0.31 0.00	17.38 -0.31 0.00	15.96 -0.30 0.00	17.01 -0.35 0.00	17.17 -0.34 0.00	18.79 -0.37 0.00	23.23 -0.52 0.00	25.75 -0.59 0.00	25.63 -0.58 0.00	39.16 -0.93 0.00	30.55 -0.70 0.00	28.44 -0.64 0.00	23.38 -0.50 0.00	20.62 -0.46 0.00	23.59 -0.51 0.00	30.95 -0.71 0.00	30.66 -0.58 0.00
OSWEGO___6 23613	20.37 -0.36 0.00	17.90 -0.37 0.00	15.74 -0.33 0.00	14.76 -0.31 0.00	13.78 -0.29 0.00	15.11 -0.31 0.00	14.06 -0.28 0.00	16.77 -0.31 0.00	17.38 -0.31 0.00	15.96 -0.30 0.00	17.01 -0.35 0.00	17.17 -0.34 0.00	18.79 -0.37 0.00	23.23 -0.52 0.00	25.75 -0.59 0.00	25.63 -0.58 0.00	39.16 -0.93 0.00	30.55 -0.70 0.00	28.44 -0.64 0.00	23.38 -0.50 0.00	20.62 -0.46 0.00	23.59 -0.51 0.00	30.95 -0.71 0.00	30.66 -0.58 0.00
OUTOKUMPU-AB___DRP 24206	20.28 -0.45 0.00	17.66 -0.60 0.00	15.50 -0.57 0.00	14.51 -0.56 0.00	13.54 -0.52 0.00	14.92 -0.49 0.00	13.87 -0.48 0.00	16.66 -0.43 0.00	17.37 -0.33 0.00	15.98 -0.28 0.00	17.05 -0.31 0.00	17.28 -0.24 0.00	19.06 -0.10 0.00	23.42 -0.33 0.00	25.94 -0.39 0.00	25.42 -0.79 0.00	38.77 -1.32 0.00	30.30 -0.95 0.00	28.17 -0.91 0.00	23.29 -0.59 0.00	20.48 -0.60 0.00	23.60 -0.50 0.00	30.70 -0.96 0.00	30.63 -0.61 0.00
OXBOW___ 24026	20.13 -0.60 0.00	17.54 -0.73 0.00	15.39 -0.69 0.00	14.40 -0.67 0.00	13.44 -0.62 0.00	14.81 -0.60 0.00	13.77 -0.58 0.00	16.53 -0.55 0.00	17.23 -0.47 0.00	15.86 -0.40 0.00	16.91 -0.45 0.00	17.13 -0.39 0.00	18.90 -0.26 0.00	23.23 -0.52 0.00	25.70 -0.64 0.00	25.19 -1.02 0.00	38.41 -1.68 0.00	30.01 -1.24 0.00	27.89 -1.18 0.00	23.09 -0.80 0.00	20.29 -0.78 0.00	23.39 -0.71 0.00	30.41 -1.25 0.00	30.35 -0.89 0.00
OXY_CHEM_DSASP 323612	19.86 -0.87 0.00	17.32 -0.95 0.00	15.19 -0.88 0.00	14.23 -0.84 0.00	13.28 -0.79 0.00	14.63 -0.78 0.00	13.60 -0.75 0.00	16.33 -0.76 0.00	17.01 -0.68 0.00	15.65 -0.61 0.00	16.67 -0.69 0.00	16.87 -0.64 0.00	18.61 -0.55 0.00	22.85 -0.90 0.00	25.29 -1.05 0.00	24.78 -1.43 0.00	37.76 -2.33 0.00	29.52 -1.74 0.00	27.44 -1.63 0.00	22.72 -1.17 0.00	19.97 -1.10 0.00	23.02 -1.08 0.00	29.94 -1.72 0.00	29.90 -1.34 0.00
OZONE_PARK_ESR 323760	22.08 1.34 0.00	19.45 1.18 0.00	17.12 1.06 0.00	16.09 1.01 0.00	15.00 0.93 0.00	16.40 0.99 0.00	15.25 0.91 0.00	18.15 1.07 0.00	18.82 1.12 0.00	17.36 1.10 0.00	18.67 1.32 0.00	18.98 1.47 0.00	20.75 1.58 0.00	25.75 2.00 0.00	28.64 2.30 0.00	28.62 2.41 0.00	43.38 3.29 0.00	33.74 2.48 0.00	31.66 2.59 0.00	26.09 2.20 0.00	23.04 1.97 0.00	26.29 2.19 0.00	34.47 2.81 0.00	33.64 2.40 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	19.86 -0.87 0.00	17.32 -0.95 0.00	15.19 -0.88 0.00	14.23 -0.84 0.00	13.28 -0.79 0.00	14.63 -0.78 0.00	13.60 -0.75 0.00	16.33 -0.76 0.00	17.01 -0.68 0.00	15.65 -0.61 0.00	16.67 -0.69 0.00	16.87 -0.64 0.00	18.61 -0.55 0.00	22.85 -0.90 0.00	25.29 -1.05 0.00	24.78 -1.43 0.00	37.76 -2.33 0.00	29.52 -1.74 0.00	27.44 -1.63 0.00	22.72 -1.17 0.00	19.97 -1.10 0.00	23.02 -1.08 0.00	29.94 -1.72 0.00	29.90 -1.34 0.00
PACKARD___115KV_DUPONT_184 80571	19.86 -0.87 0.00	17.32 -0.95 0.00	15.19 -0.88 0.00	14.23 -0.84 0.00	13.28 -0.79 0.00	14.63 -0.78 0.00	13.60 -0.75 0.00	16.33 -0.76 0.00	17.01 -0.68 0.00	15.65 -0.61 0.00	16.67 -0.69 0.00	16.87 -0.64 0.00	18.61 -0.55 0.00	22.85 -0.90 0.00	25.29 -1.05 0.00	24.78 -1.43 0.00	37.76 -2.33 0.00	29.52 -1.74 0.00	27.44 -1.63 0.00	22.72 -1.17 0.00	19.97 -1.10 0.00	23.02 -1.08 0.00	29.94 -1.72 0.00	29.90 -1.34 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	21.82 1.09 0.00	19.23 0.96 0.00	16.95 0.88 0.00	15.91 0.84 0.00	14.83 0.77 0.00	16.22 0.80 0.00	15.07 0.72 0.00	17.93 0.85 0.00	18.60 0.91 0.00	17.16 0.90 0.00	18.45 1.09 0.00	18.71 1.20 0.00	20.46 1.30 0.00	25.38 1.62 0.00	28.20 1.86 0.00	28.20 1.98 0.00	42.77 2.68 0.00	33.31 2.06 0.00	31.28 2.21 0.00	25.74 1.85 0.00	22.71 1.64 0.00	25.95 1.84 0.00	33.99 2.32 0.00	33.17 1.93 0.00

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	21.82 1.09 0.00	19.23 0.96 0.00	16.95 0.88 0.00	15.91 0.85 0.00	14.83 0.77 0.00	16.22 0.80 0.00	15.07 0.73 0.00	17.93 0.85 0.00	18.61 0.91 0.00	17.16 0.90 0.00	18.45 1.10 0.00	18.72 1.21 0.00	20.53 1.37 0.00	25.41 1.66 0.00	28.20 1.86 0.00	28.20 1.99 0.00	42.77 2.69 0.00	33.31 2.06 0.00	31.28 2.22 0.00	25.74 1.85 0.00	22.71 1.64 0.00	25.96 1.85 0.00	33.99 2.33 0.00	33.18 1.93 0.00
PATROON__115KV_TB1 80586	21.16 0.43 0.00	18.70 0.43 0.00	16.50 0.43 0.00	15.50 0.44 0.00	14.51 0.44 0.00	15.86 0.44 0.00	14.79 0.44 0.00	17.46 0.37 0.00	18.01 0.32 0.00	16.54 0.28 0.00	17.67 0.32 0.00	17.89 0.37 0.00	19.56 0.39 0.00	24.35 0.60 0.00	26.95 0.61 0.00	26.99 0.78 0.00	41.14 1.05 0.00	32.07 0.81 0.00	30.03 0.96 0.00	24.64 0.76 0.00	21.77 0.70 0.00	24.89 0.78 0.00	32.68 1.02 0.00	32.07 0.83 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	20.47 -0.26 0.00	17.81 -0.45 0.00	15.66 -0.41 0.00	14.67 -0.40 0.00	13.67 -0.39 0.00	15.06 -0.35 0.00	14.02 -0.33 0.00	16.86 -0.23 0.00	17.54 -0.16 0.00	16.14 -0.12 0.00	17.25 -0.10 0.00	17.50 -0.02 0.00	19.30 0.13 0.00	23.69 -0.06 0.00	26.30 -0.04 0.00	25.81 -0.39 0.00	39.41 -0.67 0.00	30.74 -0.52 0.00	28.55 -0.53 0.00	23.59 -0.30 0.00	20.71 -0.36 0.00	23.87 -0.23 0.00	31.10 -0.56 0.00	30.97 -0.27 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	21.97 1.24 0.00	19.35 1.08 0.00	17.04 0.98 0.00	16.01 0.94 0.00	14.92 0.86 0.00	16.33 0.91 0.00	15.19 0.84 0.00	18.07 0.99 0.00	18.73 1.03 0.00	17.27 1.01 0.00	18.54 1.19 0.00	18.83 1.32 0.00	20.59 1.43 0.00	25.59 1.84 0.00	28.44 2.10 0.00	28.44 2.23 0.00	43.23 3.15 0.00	33.68 2.43 0.00	31.57 2.50 0.00	25.97 2.08 0.00	22.92 1.85 0.00	26.15 2.05 0.00	34.28 2.61 0.00	33.48 2.24 0.00
PEEKSKILL____ 23653	21.77 1.04 0.00	19.17 0.91 0.00	16.90 0.83 0.00	15.87 0.80 0.00	14.80 0.73 0.00	16.18 0.77 0.00	15.05 0.71 0.00	17.91 0.82 0.00	18.55 0.85 0.00	17.09 0.84 0.00	18.35 1.00 0.00	18.65 1.13 0.00	20.39 1.22 0.00	25.32 1.57 0.00	28.15 1.81 0.00	28.14 1.93 0.00	42.71 2.63 0.00	33.25 2.00 0.00	31.16 2.08 0.00	25.63 1.74 0.00	22.62 1.55 0.00	25.82 1.72 0.00	33.88 2.22 0.00	33.12 1.88 0.00
PGE MADISON__WINDPWR 24146	22.13 1.39 0.00	19.34 1.08 0.00	17.00 0.94 0.00	15.88 0.81 0.00	14.77 0.71 0.00	16.25 0.84 0.00	15.15 0.80 0.00	18.12 1.03 0.00	18.73 1.03 0.00	17.11 0.85 0.00	18.29 0.94 0.00	18.49 0.97 0.00	20.23 1.07 0.00	24.98 1.23 0.00	27.83 1.49 0.00	27.77 1.56 0.00	42.76 2.68 0.00	33.55 2.29 0.00	31.31 2.24 0.00	25.88 1.99 0.00	22.83 1.76 0.00	26.12 2.02 0.00	34.08 2.42 0.00	33.17 1.93 0.00
PIERCEFIELD__HYD 23852	20.90 0.17 0.00	18.46 0.19 0.00	16.15 0.08 0.00	15.10 0.03 0.00	14.09 0.03 0.00	15.41 -0.01 0.00	14.35 0.00 0.00	17.19 0.10 0.00	17.87 0.18 0.00	16.43 0.17 0.00	17.50 0.14 0.00	17.61 0.09 0.00	19.28 0.12 0.00	23.94 0.19 0.00	26.56 0.22 0.00	26.45 0.24 0.00	40.65 0.57 0.00	31.76 0.50 0.00	29.29 0.22 0.00	24.00 0.11 0.00	21.13 0.06 0.00	24.18 0.08 0.00	31.79 0.13 0.00	31.28 0.04 0.00
PINELAWN_CC_1 323563	21.97 1.24 0.00	19.35 1.08 0.00	17.02 0.95 0.00	15.95 0.88 0.00	15.02 0.95 0.00	16.47 1.05 0.00	15.32 0.97 0.00	18.12 1.04 0.00	18.76 1.06 0.00	17.29 1.04 0.00	28.54 1.32 -9.87	29.59 1.46 -10.62	31.67 1.54 -10.97	35.46 1.86 -9.85	29.39 1.92 -1.13	28.14 1.93 0.00	42.22 2.17 0.04	32.71 1.53 0.08	30.95 1.88 0.00	25.72 1.83 0.00	24.36 1.84 -1.45	57.64 2.02 -31.52	45.61 2.55 -11.40	41.57 2.33 -8.00
PJM_GEN_HTP_PROXY 323702	21.87 1.14 0.00	19.27 1.00 0.00	16.98 0.91 0.00	15.95 0.88 0.00	14.88 0.81 0.00	16.26 0.85 0.00	15.13 0.78 0.00	18.00 0.91 0.00	18.65 0.96 0.00	17.19 0.94 0.00	18.48 1.13 0.00	18.80 1.28 0.00	20.52 1.36 0.00	25.48 1.73 0.00	28.32 1.98 0.00	28.32 2.10 0.00	42.91 2.82 0.00	58.38 2.14 -24.99	-6.14 2.27 37.47	21.18 1.92 4.62	22.78 1.71 0.00	26.01 1.90 0.00	34.10 2.44 0.00	33.29 2.06 0.00
PJM_GEN_KEystone 24065	14.98 0.30 6.05	18.41 0.14 0.00	16.22 0.16 0.00	15.24 0.17 0.00	14.20 0.13 0.00	14.17 0.16 1.40	14.50 0.16 0.00	17.35 0.26 0.00	17.97 0.28 0.00	16.53 0.27 0.00	17.73 0.37 0.00	17.99 0.47 0.00	19.72 0.56 0.00	24.37 0.63 0.00	27.13 0.79 0.00	26.95 0.74 0.00	41.00 0.91 0.00	56.88 0.63 -24.99	-7.75 0.66 37.47	19.86 0.60 4.62	21.54 0.47 0.00	24.67 0.57 0.00	32.37 0.71 0.00	31.93 0.70 0.00
PJM_GEN_NEPTUNE_PROXY 323594	21.95 1.22 0.00	19.34 1.08 0.00	17.02 0.95 0.00	15.95 0.88 0.00	14.90 0.83 0.00	16.33 0.91 0.00	15.19 0.84 0.00	17.99 0.90 0.00	18.63 0.93 0.00	17.17 0.92 0.00	22.83 1.19 -4.29	23.45 1.32 -4.61	25.30 1.37 -4.76	29.78 1.75 -4.28	28.77 1.94 -0.49	28.20 1.98 0.00	42.53 2.42 -0.02	58.00 1.72 -25.02	-6.40 2.00 37.47	21.09 1.82 4.62	23.48 1.78 -0.63	39.77 1.96 -13.70	39.14 2.52 -4.95	36.95 2.24 -3.48
PJM_GEN_VFT_PROXY 323633	21.79 1.06 0.00	19.20 0.93 0.00	16.90 0.83 0.00	15.87 0.81 0.00	14.81 0.74 0.00	16.19 0.77 0.00	15.05 0.70 0.00	17.92 0.84 0.00	18.58 0.88 0.00	17.13 0.87 0.00	18.40 1.05 0.00	18.71 1.19 0.00	20.45 1.29 0.00	25.40 1.65 0.00	28.26 1.92 0.00	28.24 2.03 0.00	42.75 2.67 0.00	58.26 2.02 -24.99	-6.27 2.13 37.47	21.08 1.81 4.62	22.71 1.64 0.00	25.92 1.82 0.00	33.99 2.32 0.00	33.18 1.94 0.00
PLATSBRG_115KV_PMLD1 355749	21.16 0.42 0.00	18.70 0.43 0.00	16.40 0.33 0.00	15.29 0.22 0.00	14.28 0.21 0.00	15.61 0.19 0.00	14.55 0.20 0.00	17.44 0.35 0.00	18.16 0.46 0.00	16.69 0.44 0.00	17.80 0.45 0.00	17.95 0.43 0.00	19.60 0.44 0.00	24.41 0.66 0.00	27.08 0.74 0.00	27.12 0.91 0.00	41.57 1.48 0.00	32.59 1.33 0.00	30.04 0.97 0.00	24.40 0.51 0.00	21.54 0.46 0.00	24.68 0.57 0.00	32.41 0.75 0.00	31.94 0.70 0.00
PLEASANTVLY__LBMP 24000	21.70 0.97 0.00	19.14 0.88 0.00	16.87 0.80 0.00	15.85 0.78 0.00	14.78 0.72 0.00	16.17 0.75 0.00	15.04 0.69 0.00	17.87 0.78 0.00	18.50 0.80 0.00	17.03 0.78 0.00	18.28 0.92 0.00	18.54 1.02 0.00	20.25 1.08 0.00	25.15 1.40 0.00	27.93 1.59 0.00	27.92 1.71 0.00	42.41 2.33 0.00	33.02 1.77 0.00	30.96 1.89 0.00	25.46 1.57 0.00	22.49 1.41 0.00	25.65 1.55 0.00	33.65 1.99 0.00	32.92 1.68 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	21.84 1.11 0.00	19.24 0.97 0.00	16.95 0.88 0.00	15.92 0.85 0.00	14.85 0.78 0.00	16.24 0.82 0.00	15.11 0.76 0.00	17.96 0.88 0.00	18.60 0.91 0.00	17.15 0.89 0.00	18.41 1.06 0.00	18.71 1.20 0.00	20.44 1.28 0.00	25.39 1.65 0.00	28.21 1.87 0.00	28.21 2.00 0.00	42.81 2.73 0.00	33.33 2.08 0.00	31.25 2.19 0.00	25.72 1.83 0.00	22.71 1.64 0.00	25.91 1.81 0.00	33.99 2.32 0.00	33.21 1.97 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	21.84 1.11 0.00	19.24 0.97 0.00	16.95 0.88 0.00	15.92 0.85 0.00	14.85 0.78 0.00	16.24 0.82 0.00	15.11 0.76 0.00	17.96 0.88 0.00	18.60 0.91 0.00	17.15 0.89 0.00	18.41 1.06 0.00	18.71 1.20 0.00	20.44 1.28 0.00	25.39 1.65 0.00	28.21 1.87 0.00	28.21 2.00 0.00	42.81 2.73 0.00	33.33 2.08 0.00	31.25 2.19 0.00	25.72 1.83 0.00	22.71 1.64 0.00	25.91 1.81 0.00	33.99 2.32 0.00	33.21 1.97 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	21.87 1.14 0.00	19.29 1.02 0.00	16.99 0.92 0.00	15.95 0.88 0.00	14.87 0.80 0.00	16.27 0.85 0.00	15.13 0.79 0.00	17.99 0.90 0.00	18.63 0.93 0.00	17.17 0.91 0.00	18.41 1.06 0.00	18.68 1.17 0.00	20.40 1.24 0.00	25.36 1.61 0.00	28.17 1.84 0.00	28.19 1.97 0.00	42.87 2.79 0.00	33.44 2.18 0.00	31.35 2.29 0.00	25.79 1.90 0.00	22.76 1.69 0.00	25.96 1.86 0.00	34.03 2.37 0.00	33.25 2.01 0.00
POLETTI____ 23519	21.83 1.10 0.00	19.26 0.99 0.00	16.97 0.90 0.00	15.94 0.87 0.00	14.87 0.80 0.00	16.25 0.84 0.00	15.12 0.77 0.00	17.98 0.90 0.00	18.64 0.94 0.00	17.19 0.93 0.00	18.47 1.12 0.00	18.78 1.27 0.00	20.50 1.34 0.00	25.44 1.69 0.00	28.29 1.95 0.00	28.27 2.06 0.00	42.84 2.76 0.00	33.33 2.07 0.00	31.28 2.21 0.00	25.76 1.88 0.00	22.75 1.68 0.00	25.97 1.87 0.00	34.05 2.39 0.00	33.24 2.00 0.00
PORT_JEFF_3 23555	22.09 1.36 0.00	19.49 1.22 0.00	17.13 1.06 0.00	16.04 0.98 0.00	14.99 0.92 0.00	16.47 1.05 0.00	15.33 0.98 0.00	18.09 1.01 0.00	18.69 0.99 0.00	17.24 0.98 0.00	28.45 1.23 -9.87	29.51 1.38 -10.62	31.60 1.47 -10.97	35.50 1.90 -9.85	29.63 2.16 -1.13	28.41 2.20 0.00	42.61 2.52 0.00	33.06 1.81 0.00	31.19 2.12 0.00	25.86 1.98 0.00	24.57 2.05 -1.45	57.83 2.20 -31.52	45.84 2.77 -11.40	41.69 2.45 -8.00
PORT_JEFF_4 23616	22.09 1.36 0.00	19.49 1.22 0.00	17.13 1.06 0.00	16.04 0.98 0.00	14.99 0.92 0.00	16.47 1.05 0.00	15.33 0.98 0.00	18.09 1.01 0.00	18.69 0.99 0.00	17.24 0.98 0.00	28.45 1.23 -9.87	29.51 1.38 -10.62	31.60 1.47 -10.97	35.50 1.90 -9.85	29.63 2.16 -1.13	28.41 2.20 0.00	42.61 2.52 0.00	33.06 1.81 0.00	31.19 2.12 0.00	25.86 1.98 0.00	24.57 2.05 -1.45	57.83 2.20 -31.52	45.84 2.77 -11.40	41.69 2.45 -8.00
PORT_JEFF_IC 23713	22.10 1.37 0.00	19.49 1.23 0.00	17.13 1.06 0.00	16.05 0.98 0.00	14.99 0.93 0.00	16.48 1.06 0.00	15.33 0.98 0.00	18.10 1.02 0.00	18.69 0.99 0.00	17.25 1.00 0.00	28.47 1.24 -9.87	29.53 1.40 -10.62	31.62 1.49 -10.97	35.54 1.94 -9.85	29.68 2.21 -1.13	28.44 2.23 0.00	42.53 2.45 0.00	32.99 1.74 0.00	31.13 2.06 0.00	25.82 1.93 0.00	24.61 2.10 -1.45	57.87 2.25 -31.52	45.88 2.82 -11.40	41.72 2.48 -8.00
PPL PILGRIM_ST_GT1 24216	22.24 1.51 0.00	19.61 1.34 0.00	17.24 1.17 0.00	16.15 1.08 0.00	15.09 1.02 0.00	16.56 1.14 0.00	15.40 1.05 0.00	18.20 1.12 0.00	18.82 1.13 0.00	17.36 1.10 0.00	28.61 1.39 -9.87	29.67 1.54 -10.62	31.77 1.64 -10.97	35.69 2.09 -9.85	29.80 2.33 -1.13	28.55 2.34 0.00	42.82 2.74 0.00	33.07 1.81 0.00	31.19 2.12 0.00	25.95 2.06 0.00	24.69 2.17 -1.45	57.92 2.30 -31.52	45.99 2.93 -11.40	41.92 2.68 -8.00
PPL PILGRIM_ST_GT2 24217	22.24 1.51 0.00	19.61 1.34 0.00	17.24 1.17 0.00	16.15 1.08 0.00	15.09 1.02 0.00	16.56 1.14 0.00	15.40 1.05 0.00	18.20 1.12 0.00	18.82 1.13 0.00	17.36 1.10 0.00	28.61 1.39 -9.87	29.67 1.54 -10.62	31.77 1.64 -10.97	35.69 2.09 -9.85	29.80 2.33 -1.13	28.55 2.34 0.00	42.82 2.74 0.00	33.07 1.81 0.00	31.19 2.12 0.00	25.95 2.06 0.00	24.69 2.17 -1.45	57.92 2.30 -31.52	45.99 2.93 -11.40	41.92 2.68 -8.00
PPL_SHRM_GT3 24213	21.91 1.18 0.00	19.38 1.12 0.00	17.01 0.94 0.00	15.93 0.86 0.00	14.89 0.82 0.00	16.42 1.00 0.00	15.29 0.95 0.00	18.00 0.91 0.00	18.50 0.80 0.00	17.06 0.80 0.00	28.23 1.01 -9.87	29.29 1.16 -10.62	31.36 1.23 -10.97	35.22 1.62 -9.85	29.38 1.90 -1.13	28.14 1.93 0.00	42.33 2.25 0.00	32.87 1.61 0.00	31.04 1.97 0.00	25.74 1.85 0.00	24.42 1.90 -1.45	57.63 2.00 -31.52	45.55 2.48 -11.40	41.38 2.14 -8.00
PPL_SHRM_GT4 24214	21.91 1.18 0.00	19.38 1.12 0.00	17.01 0.94 0.00	15.93 0.86 0.00	14.89 0.82 0.00	16.42 1.00 0.00	15.29 0.95 0.00	18.00 0.91 0.00	18.50 0.80 0.00	17.06 0.80 0.00	28.23 1.01 -9.87	29.29 1.16 -10.62	31.36 1.23 -10.97	35.22 1.62 -9.85	29.38 1.90 -1.13	28.14 1.93 0.00	42.33 2.25 0.00	32.87 1.61 0.00	31.04 1.97 0.00	25.74 1.85 0.00	24.42 1.90 -1.45	57.63 2.00 -31.52	45.55 2.48 -11.40	41.38 2.14 -8.00
PROJECT____ORANGE 1 24174	20.61 -0.13 0.00	18.09 -0.17 0.00	15.91 -0.15 0.00	14.92 -0.15 0.00	13.92 -0.15 0.00	15.28 -0.14 0.00	14.22 -0.13 0.00	16.96 -0.12 0.00	17.59 -0.11 0.00	16.14 -0.12 0.00	17.21 -0.14 0.00	17.40 -0.11 0.00	19.05 -0.11 0.00	23.57 -0.17 0.00	26.15 -0.19 0.00	26.02 -0.19 0.00	39.76 -0.32 0.00	31.02 -0.24 0.00	28.88 -0.20 0.00	23.75 -0.14 0.00	20.92 -0.15 0.00	23.94 -0.16 0.00	31.39 -0.27 0.00	31.07 -0.17 0.00
PROJECT____ORANGE 2 24166	20.61 -0.13 0.00	18.09 -0.17 0.00	15.91 -0.15 0.00	14.92 -0.15 0.00	13.92 -0.15 0.00	15.28 -0.14 0.00	14.22 -0.13 0.00	16.96 -0.12 0.00	17.59 -0.11 0.00	16.14 -0.12 0.00	17.21 -0.14 0.00	17.40 -0.11 0.00	19.05 -0.11 0.00	23.57 -0.17 0.00	26.15 -0.19 0.00	26.02 -0.19 0.00	39.76 -0.32 0.00	31.02 -0.24 0.00	28.88 -0.20 0.00	23.75 -0.14 0.00	20.92 -0.15 0.00	23.94 -0.16 0.00	31.39 -0.27 0.00	31.07 -0.17 0.00
PUCKETT____SOLAR 323809	21.20 0.47 0.00	18.56 0.29 0.00	16.35 0.29 0.00	15.33 0.26 0.00	14.29 0.22 0.00	15.69 0.28 0.00	14.62 0.27 0.00	17.47 0.39 0.00	18.04 0.35 0.00	16.51 0.25 0.00	17.64 0.29 0.00	17.83 0.32 0.00	19.55 0.39 0.00	24.11 0.36 0.00	26.83 0.49 0.00	26.72 0.50 0.00	40.80 0.72 0.00	31.90 0.64 0.00	29.81 0.74 0.00	24.59 0.70 0.00	21.68 0.61 0.00	24.82 0.72 0.00	32.52 0.86 0.00	32.03 0.79 0.00
PYRITES____HYD 24023	21.13 0.39 0.00	18.66 0.40 0.00	16.33 0.26 0.00	15.27 0.20 0.00	14.25 0.19 0.00	15.58 0.16 0.00	14.50 0.15 0.00	17.36 0.27 0.00	18.05 0.35 0.00	16.60 0.35 0.00	17.68 0.32 0.00	17.76 0.24 0.00	19.48 0.32 0.00	24.19 0.44 0.00	26.89 0.55 0.00	26.79 0.58 0.00	41.22 1.14 0.00	32.20 0.94 0.00	29.65 0.58 0.00	24.32 0.43 0.00	21.42 0.35 0.00	24.51 0.40 0.00	32.19 0.52 0.00	31.64 0.41 0.00
QUAKERRD_115KV_BK1 80622	20.04 -0.69 0.00	17.54 -0.73 0.00	15.41 -0.66 0.00	14.43 -0.64 0.00	13.47 -0.60 0.00	14.80 -0.62 0.00	13.77 -0.58 0.00	16.48 -0.60 0.00	17.13 -0.56 0.00	15.73 -0.52 0.00	16.78 -0.57 0.00	16.97 -0.54 0.00	18.65 -0.51 0.00	23.06 -0.69 0.00	25.53 -0.81 0.00	25.25 -0.96 0.00	38.59 -1.49 0.00	30.15 -1.11 0.00	28.04 -1.03 0.00	23.10 -0.79 0.00	20.32 -0.75 0.00	23.33 -0.77 0.00	30.46 -1.20 0.00	30.20 -1.04 0.00

QUEENSBRY_I15KV_TB8 356137	22.33 1.60 0.00	19.68 1.42 0.00	17.38 1.31 0.00	16.29 1.22 0.00	15.19 1.13 0.00	16.65 1.23 0.00	15.45 1.11 0.00	18.32 1.24 0.00	18.92 1.23 0.00	17.37 1.11 0.00	18.45 1.09 0.00	18.68 1.16 0.00	20.35 1.18 0.00	25.17 1.42 0.00	27.65 1.31 0.00	27.71 1.50 0.00	42.44 2.36 0.00	33.37 2.12 0.00	31.17 2.10 0.00	25.37 1.49 0.00	22.50 1.43 0.00	25.69 1.59 0.00	33.78 2.12 0.00	33.64 2.40 0.00
RAMAPO___LBMP 323565	21.71 0.98 0.00	19.10 0.83 0.00	16.83 0.76 0.00	15.80 0.73 0.00	14.73 0.67 0.00	16.12 0.70 0.00	14.99 0.65 0.00	17.85 0.77 0.00	18.48 0.78 0.00	17.03 0.77 0.00	18.28 0.92 0.00	18.57 1.06 0.00	20.32 1.16 0.00	25.26 1.51 0.00	28.08 1.74 0.00	28.07 1.85 0.00	42.63 2.54 0.00	33.18 1.93 0.00	31.06 1.99 0.00	25.54 1.65 0.00	22.54 1.47 0.00	25.72 1.62 0.00	33.76 2.10 0.00	33.02 1.78 0.00
RANKINE____ 23646	20.41 -0.31 0.00	17.76 -0.51 0.00	15.59 -0.47 0.00	14.60 -0.47 0.00	13.61 -0.45 0.00	15.01 -0.41 0.00	13.95 -0.40 0.00	16.77 -0.31 0.00	17.46 -0.23 0.00	16.08 -0.18 0.00	17.19 -0.17 0.00	17.43 -0.09 0.00	19.23 0.07 0.00	23.62 -0.13 0.00	26.20 -0.14 0.00	25.69 -0.53 0.00	39.19 -0.90 0.00	30.57 -0.69 0.00	28.39 -0.67 0.00	23.46 -0.42 0.00	20.62 -0.45 0.00	23.78 -0.32 0.00	30.98 -0.69 0.00	30.85 -0.39 0.00
RAVENSWOOD_GT2_1 24244	21.87 1.15 0.00	19.28 1.01 0.00	16.98 0.91 0.00	15.95 0.88 0.00	14.88 0.81 0.00	16.27 0.85 0.00	15.13 0.78 0.00	18.00 0.91 0.00	18.66 0.96 0.00	17.20 0.94 0.00	18.49 1.14 0.00	18.79 1.28 0.00	20.53 1.37 0.00	25.49 1.74 0.00	28.33 1.99 0.00	28.32 2.11 0.00	42.92 2.83 0.00	33.40 2.14 0.00	31.34 2.27 0.00	25.81 1.92 0.00	22.79 1.72 0.00	26.02 1.92 0.00	34.11 2.45 0.00	33.30 2.07 0.00
RAVENSWOOD_GT2_2 24245	21.87 1.15 0.00	19.28 1.01 0.00	16.98 0.91 0.00	15.95 0.88 0.00	14.88 0.81 0.00	16.27 0.85 0.00	15.13 0.78 0.00	18.00 0.91 0.00	18.66 0.96 0.00	17.20 0.94 0.00	18.49 1.14 0.00	18.79 1.28 0.00	20.53 1.37 0.00	25.49 1.74 0.00	28.33 1.99 0.00	28.32 2.11 0.00	42.92 2.83 0.00	33.40 2.14 0.00	31.34 2.27 0.00	25.81 1.92 0.00	22.79 1.72 0.00	26.02 1.92 0.00	34.11 2.45 0.00	33.30 2.07 0.00
RAVENSWOOD_GT2_3 24246	21.88 1.15 0.00	19.29 1.02 0.00	16.98 0.92 0.00	15.96 0.89 0.00	14.88 0.82 0.00	16.28 0.86 0.00	15.14 0.79 0.00	18.01 0.92 0.00	18.66 0.97 0.00	17.21 0.96 0.00	18.50 1.14 0.00	18.81 1.29 0.00	20.54 1.38 0.00	25.50 1.75 0.00	28.35 2.01 0.00	28.33 2.12 0.00	42.94 2.85 0.00	33.42 2.16 0.00	31.35 2.28 0.00	25.82 1.94 0.00	22.80 1.73 0.00	26.03 1.93 0.00	34.12 2.46 0.00	33.32 2.08 0.00
RAVENSWOOD_GT2_4 24247	21.88 1.15 0.00	19.29 1.02 0.00	16.98 0.92 0.00	15.96 0.89 0.00	14.88 0.82 0.00	16.28 0.86 0.00	15.14 0.79 0.00	18.01 0.92 0.00	18.66 0.97 0.00	17.21 0.96 0.00	18.50 1.14 0.00	18.81 1.29 0.00	20.54 1.38 0.00	25.50 1.75 0.00	28.35 2.01 0.00	28.33 2.12 0.00	42.94 2.85 0.00	33.42 2.16 0.00	31.35 2.28 0.00	25.82 1.94 0.00	22.80 1.73 0.00	26.03 1.93 0.00	34.12 2.46 0.00	33.32 2.08 0.00
RAVENSWOOD_GT3_1 24248	21.87 1.15 0.00	19.28 1.01 0.00	16.98 0.91 0.00	15.95 0.88 0.00	14.88 0.81 0.00	16.27 0.85 0.00	15.13 0.78 0.00	18.00 0.91 0.00	18.66 0.96 0.00	17.20 0.95 0.00	18.49 1.14 0.00	18.79 1.28 0.00	20.53 1.37 0.00	25.49 1.74 0.00	28.33 1.99 0.00	28.32 2.11 0.00	42.92 2.83 0.00	33.40 2.14 0.00	31.34 2.27 0.00	25.81 1.93 0.00	22.79 1.72 0.00	26.02 1.92 0.00	34.11 2.45 0.00	33.30 2.07 0.00
RAVENSWOOD_GT3_2 24249	21.87 1.15 0.00	19.28 1.01 0.00	16.98 0.91 0.00	15.95 0.88 0.00	14.88 0.81 0.00	16.27 0.85 0.00	15.13 0.78 0.00	18.00 0.91 0.00	18.66 0.96 0.00	17.20 0.95 0.00	18.49 1.14 0.00	18.79 1.28 0.00	20.53 1.37 0.00	25.49 1.74 0.00	28.33 1.99 0.00	28.32 2.11 0.00	42.92 2.83 0.00	33.40 2.14 0.00	31.34 2.27 0.00	25.81 1.93 0.00	22.79 1.72 0.00	26.02 1.92 0.00	34.11 2.45 0.00	33.30 2.07 0.00
RAVENSWOOD_GT3_3 24250	21.90 1.18 0.00	19.30 1.04 0.00	17.00 0.93 0.00	15.97 0.91 0.00	14.90 0.83 0.00	16.30 0.88 0.00	15.15 0.80 0.00	18.03 0.94 0.00	18.68 0.99 0.00	17.23 0.97 0.00	18.52 1.17 0.00	18.83 1.31 0.00	20.57 1.40 0.00	25.53 1.78 0.00	28.38 2.04 0.00	28.37 2.16 0.00	43.00 2.91 0.00	33.46 2.20 0.00	31.39 2.32 0.00	25.86 1.97 0.00	22.83 1.76 0.00	26.06 1.96 0.00	34.16 2.51 0.00	33.36 2.12 0.00
RAVENSWOOD_GT3_4 24251	21.90 1.18 0.00	19.30 1.04 0.00	17.00 0.93 0.00	15.98 0.91 0.00	14.90 0.83 0.00	16.29 0.88 0.00	15.15 0.80 0.00	18.03 0.94 0.00	18.68 0.99 0.00	17.23 0.97 0.00	18.52 1.17 0.00	18.83 1.31 0.00	20.57 1.40 0.00	25.53 1.78 0.00	28.38 2.04 0.00	28.37 2.16 0.00	43.00 2.91 0.00	33.46 2.20 0.00	31.39 2.32 0.00	25.86 1.97 0.00	22.82 1.75 0.00	26.06 1.96 0.00	34.17 2.51 0.00	33.36 2.13 0.00
RAVENSWOOD_GT_1 23729	21.91 1.18 0.00	19.30 1.04 0.00	17.01 0.94 0.00	15.98 0.91 0.00	14.90 0.84 0.00	16.29 0.87 0.00	15.15 0.80 0.00	18.02 0.94 0.00	18.69 0.99 0.00	17.24 0.99 0.00	18.53 1.18 0.00	18.83 1.32 0.00	20.57 1.41 0.00	25.53 1.78 0.00	28.37 2.03 0.00	28.37 2.16 0.00	42.99 2.90 0.00	33.45 2.19 0.00	31.40 2.33 0.00	25.86 1.98 0.00	22.83 1.76 0.00	26.08 1.98 0.00	34.16 2.50 0.00	33.35 2.12 0.00
RAVENSWOOD_GT_10 24258	21.87 1.15 0.00	19.28 1.01 0.00	16.98 0.91 0.00	15.95 0.88 0.00	14.88 0.82 0.00	16.27 0.85 0.00	15.13 0.78 0.00	18.00 0.91 0.00	18.66 0.96 0.00	17.20 0.95 0.00	18.49 1.14 0.00	18.79 1.28 0.00	20.53 1.37 0.00	25.48 1.74 0.00	28.33 1.99 0.00	28.32 2.10 0.00	42.92 2.84 0.00	33.40 2.14 0.00	31.34 2.27 0.00	25.81 1.92 0.00	22.79 1.72 0.00	26.02 1.91 0.00	34.11 2.45 0.00	33.30 2.07 0.00
RAVENSWOOD_GT_11 24259	21.87 1.15 0.00	19.28 1.01 0.00	16.98 0.91 0.00	15.95 0.88 0.00	14.88 0.81 0.00	16.27 0.85 0.00	15.13 0.78 0.00	18.00 0.92 0.00	18.66 0.96 0.00	17.20 0.95 0.00	18.49 1.14 0.00	18.79 1.28 0.00	20.53 1.37 0.00	25.49 1.74 0.00	28.33 1.99 0.00	28.32 2.11 0.00	42.92 2.83 0.00	33.40 2.14 0.00	31.34 2.27 0.00	25.81 1.92 0.00	22.79 1.72 0.00	26.02 1.91 0.00	34.11 2.45 0.00	33.30 2.07 0.00
RAVENSWOOD_GT_4 24252	21.88 1.15 0.00	19.28 1.01 0.00	16.98 0.91 0.00	15.95 0.88 0.00	14.88 0.82 0.00	16.27 0.85 0.00	15.13 0.78 0.00	18.00 0.92 0.00	18.66 0.96 0.00	17.20 0.95 0.00	18.49 1.13 0.00	18.79 1.28 0.00	20.54 1.37 0.00	25.49 1.74 0.00	28.34 2.00 0.00	28.32 2.11 0.00	42.91 2.83 0.00	33.39 2.13 0.00	31.32 2.25 0.00	25.80 1.92 0.00	22.78 1.71 0.00	26.01 1.90 0.00	34.10 2.44 0.00	33.30 2.07 0.00

RAVENSWOOD_GT_5 24254	21.88 1.15 0.00	19.28 1.01 0.00	16.98 0.91 0.00	15.95 0.88 0.00	14.88 0.82 0.00	16.27 0.85 0.00	15.13 0.78 0.00	18.00 0.92 0.00	18.66 0.96 0.00	17.20 0.95 0.00	18.49 1.13 0.00	18.79 1.28 0.00	20.54 1.37 0.00	25.49 1.74 0.00	28.34 2.00 0.00	28.32 2.11 0.00	42.91 2.83 0.00	33.39 2.13 0.00	31.32 2.25 0.00	25.80 1.92 0.00	22.78 1.71 0.00	26.01 1.90 0.00	34.10 2.44 0.00	33.30 2.07 0.00
RAVENSWOOD_GT_6 24253	21.88 1.15 0.00	19.28 1.01 0.00	16.98 0.91 0.00	15.95 0.88 0.00	14.88 0.82 0.00	16.27 0.85 0.00	15.13 0.78 0.00	18.00 0.92 0.00	18.66 0.96 0.00	17.20 0.95 0.00	18.49 1.13 0.00	18.79 1.28 0.00	20.54 1.37 0.00	25.49 1.74 0.00	28.34 2.00 0.00	28.32 2.11 0.00	42.91 2.83 0.00	33.39 2.13 0.00	31.32 2.25 0.00	25.80 1.92 0.00	22.78 1.71 0.00	26.01 1.90 0.00	34.10 2.44 0.00	33.30 2.07 0.00
RAVENSWOOD_GT_7 24255	21.88 1.15 0.00	19.28 1.01 0.00	16.98 0.91 0.00	15.95 0.88 0.00	14.88 0.82 0.00	16.27 0.85 0.00	15.13 0.78 0.00	18.00 0.92 0.00	18.66 0.96 0.00	17.20 0.95 0.00	18.49 1.13 0.00	18.79 1.28 0.00	20.54 1.37 0.00	25.49 1.74 0.00	28.34 2.00 0.00	28.32 2.11 0.00	42.91 2.83 0.00	33.39 2.13 0.00	31.32 2.25 0.00	25.80 1.92 0.00	22.78 1.71 0.00	26.01 1.90 0.00	34.10 2.44 0.00	33.30 2.07 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	21.87 1.15 0.00	19.28 1.01 0.00	16.98 0.91 0.00	15.95 0.88 0.00	14.88 0.82 0.00	16.27 0.85 0.00	15.13 0.78 0.00	18.00 0.91 0.00	18.66 0.96 0.00	17.20 0.95 0.00	18.49 1.14 0.00	18.79 1.28 0.00	20.53 1.37 0.00	25.48 1.74 0.00	28.33 1.99 0.00	28.32 2.10 0.00	42.92 2.84 0.00	33.40 2.14 0.00	31.34 2.27 0.00	25.81 1.92 0.00	22.79 1.72 0.00	26.02 1.91 0.00	34.11 2.45 0.00	33.30 2.07 0.00
RAVENSWOOD_GT_9 24257	21.87 1.15 0.00	19.28 1.01 0.00	16.98 0.91 0.00	15.95 0.88 0.00	14.88 0.81 0.00	16.27 0.85 0.00	15.13 0.78 0.00	18.00 0.92 0.00	18.66 0.96 0.00	17.20 0.95 0.00	18.49 1.14 0.00	18.79 1.28 0.00	20.53 1.37 0.00	25.49 1.74 0.00	28.33 1.99 0.00	28.32 2.11 0.00	42.92 2.83 0.00	33.40 2.14 0.00	31.34 2.27 0.00	25.81 1.92 0.00	22.79 1.72 0.00	26.02 1.91 0.00	34.11 2.45 0.00	33.30 2.07 0.00
RAVENSWOOD___1 23533	21.87 1.14 0.00	19.28 1.01 0.00	16.99 0.92 0.00	15.96 0.89 0.00	14.88 0.82 0.00	16.27 0.85 0.00	15.13 0.78 0.00	18.00 0.91 0.00	18.66 0.96 0.00	17.21 0.96 0.00	18.50 1.15 0.00	18.80 1.28 0.00	20.53 1.37 0.00	25.48 1.74 0.00	28.32 1.98 0.00	28.33 2.12 0.00	42.98 2.90 0.00	33.45 2.19 0.00	31.40 2.33 0.00	25.86 1.98 0.00	22.82 1.75 0.00	26.06 1.96 0.00	34.16 2.50 0.00	33.33 2.10 0.00
RAVENSWOOD___2 23534	21.87 1.14 0.00	19.28 1.01 0.00	16.99 0.92 0.00	15.96 0.89 0.00	14.88 0.82 0.00	16.27 0.85 0.00	15.13 0.78 0.00	18.00 0.91 0.00	18.66 0.96 0.00	17.21 0.96 0.00	18.50 1.15 0.00	18.80 1.28 0.00	20.53 1.37 0.00	25.48 1.74 0.00	28.32 1.98 0.00	28.33 2.12 0.00	42.98 2.90 0.00	33.45 2.19 0.00	31.40 2.33 0.00	25.86 1.98 0.00	22.82 1.75 0.00	26.06 1.96 0.00	34.16 2.50 0.00	33.33 2.10 0.00
RAVENSWOOD___3 23535	21.87 1.15 0.00	19.28 1.01 0.00	16.98 0.91 0.00	15.95 0.88 0.00	14.88 0.82 0.00	16.27 0.85 0.00	15.13 0.78 0.00	18.00 0.92 0.00	18.66 0.96 0.00	17.21 0.95 0.00	18.49 1.14 0.00	18.79 1.28 0.00	20.53 1.37 0.00	25.49 1.74 0.00	28.33 1.99 0.00	28.32 2.11 0.00	42.92 2.84 0.00	33.40 2.14 0.00	31.34 2.27 0.00	25.81 1.93 0.00	22.79 1.72 0.00	26.02 1.92 0.00	34.11 2.45 0.00	33.30 2.07 0.00
RAVENSWOOD___4 23820	21.87 1.14 0.00	19.28 1.01 0.00	16.99 0.92 0.00	15.96 0.89 0.00	14.88 0.82 0.00	16.27 0.85 0.00	15.13 0.78 0.00	18.00 0.91 0.00	18.66 0.96 0.00	17.21 0.96 0.00	18.50 1.15 0.00	18.80 1.28 0.00	20.53 1.37 0.00	25.48 1.74 0.00	28.32 1.98 0.00	28.33 2.12 0.00	42.98 2.90 0.00	33.45 2.19 0.00	31.40 2.33 0.00	25.86 1.98 0.00	22.82 1.75 0.00	26.06 1.96 0.00	34.16 2.50 0.00	33.33 2.10 0.00
RCPL_TRUST___DRP 24196	21.88 1.15 0.00	19.29 1.02 0.00	16.99 0.92 0.00	15.96 0.89 0.00	14.89 0.82 0.00	16.28 0.86 0.00	15.14 0.79 0.00	18.01 0.93 0.00	18.67 0.97 0.00	17.21 0.96 0.00	18.51 1.15 0.00	18.82 1.31 0.00	20.55 1.39 0.00	25.51 1.76 0.00	28.36 2.02 0.00	28.35 2.14 0.00	42.98 2.90 0.00	33.44 2.18 0.00	31.38 2.31 0.00	25.85 1.96 0.00	22.82 1.75 0.00	26.05 1.95 0.00	34.16 2.50 0.00	33.34 2.10 0.00
RED___ROCHESTER 323720	20.62 -0.12 0.00	18.01 -0.26 0.00	15.81 -0.26 0.00	14.81 -0.26 0.00	13.82 -0.25 0.00	15.19 -0.22 0.00	14.12 -0.22 0.00	16.93 -0.16 0.00	17.61 -0.09 0.00	16.17 -0.08 0.00	17.26 -0.10 0.00	17.47 -0.04 0.00	19.24 0.08 0.00	23.77 0.02 0.00	26.29 -0.05 0.00	25.99 -0.22 0.00	39.72 -0.36 0.00	31.05 -0.21 0.00	28.86 -0.20 0.00	23.80 -0.08 0.00	20.94 -0.13 0.00	24.06 -0.04 0.00	31.37 -0.29 0.00	31.11 -0.13 0.00
REGAN___SOLAR 323812	22.83 2.10 0.00	20.06 1.79 0.00	17.59 1.52 0.00	16.46 1.39 0.00	15.35 1.28 0.00	16.85 1.43 0.00	15.67 1.33 0.00	18.75 1.66 0.00	19.32 1.62 0.00	17.63 1.37 0.00	18.89 1.54 0.00	18.82 1.30 0.00	20.55 1.39 0.00	25.50 1.74 0.00	28.27 1.93 0.00	28.17 1.96 0.00	43.34 3.25 0.00	34.43 3.17 0.00	32.12 3.05 0.00	26.55 2.66 0.00	23.41 2.34 0.00	26.82 2.72 0.00	35.09 3.43 0.00	34.36 3.12 0.00
RENSSELAER___COGEN 23796	21.06 0.33 0.00	18.60 0.34 0.00	16.42 0.35 0.00	15.43 0.36 0.00	14.44 0.37 0.00	15.79 0.37 0.00	14.72 0.38 0.00	17.37 0.29 0.00	17.92 0.22 0.00	16.45 0.19 0.00	17.57 0.22 0.00	17.78 0.26 0.00	19.44 0.28 0.00	24.20 0.45 0.00	26.79 0.45 0.00	26.82 0.61 0.00	40.84 0.76 0.00	31.83 0.58 0.00	29.84 0.77 0.00	24.49 0.61 0.00	21.64 0.57 0.00	24.74 0.64 0.00	32.50 0.83 0.00	31.89 0.65 0.00
REPUBLIC_115KV_BARTNBRK 55605	23.45 2.72 0.00	20.66 2.39 0.00	18.30 2.23 0.00	17.09 2.02 0.00	15.85 1.79 0.00	17.41 1.99 0.00	16.10 1.75 0.00	19.11 2.03 0.00	19.77 2.07 0.00	18.16 1.90 0.00	19.40 2.05 0.00	19.65 2.14 0.00	21.43 2.27 0.00	26.68 2.93 0.00	29.40 3.07 0.00	29.66 3.45 0.00	44.98 4.89 0.00	35.49 4.23 0.00	32.96 3.89 0.00	26.64 2.75 0.00	23.65 2.58 0.00	26.90 2.80 0.00	35.42 3.76 0.00	35.08 3.84 0.00
REVERE_CPPR_DRP 24186	21.34 0.61 0.00	18.74 0.47 0.00	16.46 0.39 0.00	15.41 0.33 0.00	14.37 0.31 0.00	15.76 0.34 0.00	14.66 0.31 0.00	17.52 0.44 0.00	18.16 0.46 0.00	16.67 0.41 0.00	17.75 0.40 0.00	17.92 0.41 0.00	19.60 0.44 0.00	24.32 0.57 0.00	27.03 0.69 0.00	27.00 0.78 0.00	41.36 1.27 0.00	32.39 1.14 0.00	30.11 1.04 0.00	24.71 0.82 0.00	21.78 0.71 0.00	24.87 0.77 0.00	32.63 0.97 0.00	32.08 0.84 0.00

REYNOLDS_115KV_TB3 80639	21.22 0.49 0.00	18.76 0.49 0.00	16.57 0.50 0.00	15.58 0.50 0.00	14.57 0.50 0.00	15.94 0.52 0.00	14.84 0.50 0.00	17.51 0.43 0.00	18.05 0.35 0.00	16.57 0.31 0.00	17.69 0.34 0.00	17.89 0.37 0.00	19.56 0.40 0.00	24.36 0.61 0.00	26.95 0.61 0.00	27.00 0.79 0.00	41.11 1.02 0.00	32.02 0.76 0.00	30.03 0.96 0.00	24.64 0.75 0.00	21.77 0.70 0.00	24.90 0.79 0.00	32.71 1.05 0.00	32.12 0.88 0.00
RIVERBAY____ 323610	21.82 1.09 0.00	19.23 0.96 0.00	16.95 0.88 0.00	15.91 0.85 0.00	14.83 0.77 0.00	16.22 0.80 0.00	15.07 0.73 0.00	17.93 0.85 0.00	18.61 0.91 0.00	17.16 0.90 0.00	18.45 1.10 0.00	18.72 1.21 0.00	20.53 1.37 0.00	25.41 1.66 0.00	28.20 1.86 0.00	28.20 1.99 0.00	42.77 2.69 0.00	33.31 2.06 0.00	31.28 2.22 0.00	25.74 1.85 0.00	22.71 1.64 0.00	25.96 1.85 0.00	33.99 2.33 0.00	33.18 1.93 0.00
RIVERSDE_115KV_TB3 55908	21.14 0.41 0.00	18.69 0.42 0.00	16.50 0.43 0.00	15.51 0.44 0.00	14.51 0.44 0.00	15.87 0.45 0.00	14.79 0.44 0.00	17.45 0.36 0.00	17.99 0.30 0.00	16.52 0.26 0.00	17.64 0.29 0.00	17.85 0.33 0.00	19.51 0.35 0.00	24.30 0.55 0.00	26.89 0.55 0.00	26.93 0.72 0.00	41.02 0.94 0.00	31.96 0.70 0.00	29.96 0.89 0.00	24.59 0.70 0.00	21.73 0.65 0.00	24.84 0.74 0.00	32.63 0.97 0.00	32.02 0.78 0.00
ROARING____BROOK_WT_PWR 323790	20.58 -0.15 0.00	18.15 -0.12 0.00	15.88 -0.18 0.00	14.85 -0.22 0.00	13.86 -0.21 0.00	15.15 -0.27 0.00	14.08 -0.27 0.00	16.85 -0.24 0.00	17.52 -0.18 0.00	16.14 -0.12 0.00	17.22 -0.13 0.00	17.34 -0.17 0.00	18.99 -0.18 0.00	23.53 -0.22 0.00	26.10 -0.23 0.00	25.98 -0.24 0.00	39.83 -0.25 0.00	31.03 -0.23 0.00	28.61 -0.46 0.00	23.46 -0.42 0.00	20.62 -0.45 0.00	23.47 -0.63 0.00	30.94 -0.72 0.00	30.52 -0.71 0.00
ROCHESRG_115KV_T4 355643	20.43 -0.30 0.00	17.86 -0.41 0.00	15.68 -0.38 0.00	14.69 -0.38 0.00	13.71 -0.36 0.00	15.07 -0.34 0.00	14.02 -0.33 0.00	16.80 -0.29 0.00	17.47 -0.23 0.00	16.04 -0.22 0.00	17.11 -0.25 0.00	17.31 -0.21 0.00	19.04 -0.12 0.00	23.50 -0.25 0.00	26.02 -0.32 0.00	25.70 -0.51 0.00	39.27 -0.81 0.00	30.68 -0.57 0.00	28.53 -0.54 0.00	23.53 -0.36 0.00	20.70 -0.37 0.00	23.78 -0.32 0.00	31.03 -0.63 0.00	30.80 -0.44 0.00
ROCHESTER_9_IC 23652	20.53 -0.20 0.00	17.95 -0.32 0.00	15.75 -0.31 0.00	14.76 -0.31 0.00	13.77 -0.30 0.00	15.14 -0.27 0.00	14.08 -0.26 0.00	16.87 -0.21 0.00	17.55 -0.15 0.00	16.12 -0.14 0.00	17.19 -0.17 0.00	17.40 -0.12 0.00	19.15 -0.01 0.00	23.65 -0.10 0.00	26.16 -0.17 0.00	25.86 -0.36 0.00	39.51 -0.58 0.00	30.87 -0.39 0.00	28.71 -0.36 0.00	23.67 -0.22 0.00	20.83 -0.24 0.00	23.93 -0.17 0.00	31.21 -0.45 0.00	30.97 -0.27 0.00
ROCKVIEW_13_KV_LD 356306	21.90 1.17 0.00	19.30 1.03 0.00	16.99 0.93 0.00	15.96 0.89 0.00	14.89 0.82 0.00	16.28 0.87 0.00	15.15 0.80 0.00	18.01 0.93 0.00	18.66 0.97 0.00	17.21 0.95 0.00	18.49 1.14 0.00	18.80 1.28 0.00	20.54 1.38 0.00	25.51 1.76 0.00	28.35 2.01 0.00	28.33 2.12 0.00	42.99 2.90 0.00	33.46 2.20 0.00	31.37 2.30 0.00	25.82 1.94 0.00	22.80 1.73 0.00	26.03 1.93 0.00	34.13 2.47 0.00	33.34 2.10 0.00
ROME____115KV_TB2 80656	21.34 0.61 0.00	18.74 0.47 0.00	16.46 0.39 0.00	15.41 0.33 0.00	14.37 0.31 0.00	15.76 0.34 0.00	14.66 0.31 0.00	17.52 0.44 0.00	18.16 0.46 0.00	16.67 0.41 0.00	17.75 0.40 0.00	17.92 0.41 0.00	19.60 0.44 0.00	24.32 0.57 0.00	27.03 0.69 0.00	27.00 0.78 0.00	41.36 1.27 0.00	32.39 1.14 0.00	30.11 1.04 0.00	24.71 0.82 0.00	21.78 0.71 0.00	24.87 0.77 0.00	32.63 0.97 0.00	32.08 0.84 0.00
ROSETON____1 23587	21.68 0.95 0.00	19.11 0.84 0.00	16.84 0.77 0.00	15.81 0.75 0.00	14.75 0.68 0.00	16.14 0.72 0.00	15.01 0.67 0.00	17.85 0.76 0.00	18.47 0.78 0.00	17.01 0.76 0.00	18.25 0.90 0.00	18.52 1.01 0.00	20.23 1.07 0.00	25.14 1.39 0.00	27.92 1.58 0.00	27.91 1.70 0.00	42.39 2.31 0.00	33.01 1.76 0.00	30.94 1.87 0.00	25.44 1.55 0.00	22.46 1.39 0.00	25.63 1.53 0.00	33.62 1.96 0.00	32.90 1.66 0.00
ROSETON____2 23588	21.68 0.95 0.00	19.11 0.84 0.00	16.84 0.77 0.00	15.81 0.75 0.00	14.75 0.68 0.00	16.14 0.72 0.00	15.01 0.67 0.00	17.85 0.76 0.00	18.47 0.78 0.00	17.01 0.76 0.00	18.25 0.90 0.00	18.52 1.01 0.00	20.23 1.07 0.00	25.14 1.39 0.00	27.92 1.58 0.00	27.91 1.70 0.00	42.39 2.31 0.00	33.01 1.76 0.00	30.94 1.87 0.00	25.44 1.55 0.00	22.46 1.39 0.00	25.63 1.53 0.00	33.62 1.96 0.00	32.90 1.66 0.00
ROTTSDAM_115KV_TB3 80664	21.53 0.80 0.00	18.99 0.72 0.00	16.74 0.67 0.00	15.72 0.65 0.00	14.68 0.61 0.00	16.07 0.66 0.00	14.95 0.61 0.00	17.74 0.65 0.00	18.32 0.62 0.00	16.82 0.56 0.00	17.96 0.61 0.00	18.16 0.65 0.00	19.85 0.69 0.00	24.66 0.91 0.00	27.29 0.95 0.00	27.28 1.07 0.00	41.63 1.54 0.00	32.49 1.24 0.00	30.40 1.33 0.00	24.96 1.07 0.00	22.05 0.98 0.00	25.21 1.11 0.00	33.10 1.44 0.00	32.56 1.32 0.00
RUSSELL____1 23602	20.62 -0.12 0.00	18.02 -0.25 0.00	15.81 -0.26 0.00	14.81 -0.26 0.00	13.82 -0.25 0.00	15.19 -0.22 0.00	14.12 -0.22 0.00	16.93 -0.16 0.00	17.61 -0.09 0.00	16.17 -0.08 0.00	17.26 -0.10 0.00	17.47 -0.04 0.00	19.24 0.08 0.00	23.77 0.02 0.00	26.29 -0.04 0.00	25.99 -0.22 0.00	39.71 -0.37 0.00	31.05 -0.21 0.00	28.87 -0.21 0.00	23.80 -0.08 0.00	20.94 -0.13 0.00	24.06 -0.04 0.00	31.37 -0.29 0.00	31.11 -0.13 0.00
RUSSELL____2 23532	20.62 -0.12 0.00	18.02 -0.25 0.00	15.81 -0.26 0.00	14.81 -0.26 0.00	13.82 -0.25 0.00	15.19 -0.22 0.00	14.12 -0.22 0.00	16.93 -0.16 0.00	17.61 -0.09 0.00	16.17 -0.08 0.00	17.26 -0.10 0.00	17.47 -0.04 0.00	19.24 0.08 0.00	23.77 0.02 0.00	26.29 -0.04 0.00	25.99 -0.22 0.00	39.71 -0.37 0.00	31.05 -0.21 0.00	28.87 -0.21 0.00	23.80 -0.08 0.00	20.94 -0.13 0.00	24.06 -0.04 0.00	31.37 -0.29 0.00	31.11 -0.13 0.00
RUSSELL____3 23549	20.62 -0.12 0.00	18.02 -0.25 0.00	15.81 -0.26 0.00	14.81 -0.26 0.00	13.82 -0.25 0.00	15.19 -0.22 0.00	14.12 -0.22 0.00	16.93 -0.16 0.00	17.61 -0.09 0.00	16.17 -0.08 0.00	17.26 -0.10 0.00	17.47 -0.04 0.00	19.24 0.08 0.00	23.77 0.02 0.00	26.29 -0.04 0.00	25.99 -0.22 0.00	39.71 -0.37 0.00	31.05 -0.21 0.00	28.87 -0.21 0.00	23.80 -0.08 0.00	20.94 -0.13 0.00	24.06 -0.04 0.00	31.37 -0.29 0.00	31.11 -0.13 0.00
RUSSELL____4 23556	20.62 -0.12 0.00	18.02 -0.25 0.00	15.81 -0.26 0.00	14.81 -0.26 0.00	13.82 -0.25 0.00	15.19 -0.22 0.00	14.12 -0.22 0.00	16.93 -0.16 0.00	17.61 -0.09 0.00	16.17 -0.08 0.00	17.26 -0.10 0.00	17.47 -0.04 0.00	19.24 0.08 0.00	23.77 0.02 0.00	26.29 -0.04 0.00	25.99 -0.22 0.00	39.71 -0.37 0.00	31.05 -0.21 0.00	28.87 -0.21 0.00	23.80 -0.08 0.00	20.94 -0.13 0.00	24.06 -0.04 0.00	31.37 -0.29 0.00	31.11 -0.13 0.00

RUSSELL___STATION 23914	20.62 -0.12 0.00	18.02 -0.25 0.00	15.81 -0.26 0.00	14.81 -0.26 0.00	13.82 -0.25 0.00	15.19 -0.22 0.00	14.12 -0.22 0.00	16.93 -0.16 0.00	17.61 -0.09 0.00	16.17 -0.08 0.00	17.26 -0.10 0.00	17.47 -0.04 0.00	19.24 0.08 0.00	23.77 0.02 0.00	26.29 -0.04 0.00	25.99 -0.22 0.00	39.71 -0.37 0.00	31.05 -0.21 0.00	28.87 -0.21 0.00	23.80 -0.08 0.00	20.94 -0.13 0.00	24.06 -0.04 0.00	31.37 -0.29 0.00	31.11 -0.13 0.00
S SALMON___HYD 24043	20.76 0.03 0.00	18.22 -0.05 0.00	15.98 -0.08 0.00	14.95 -0.12 0.00	13.95 -0.12 0.00	15.29 -0.12 0.00	14.23 -0.12 0.00	17.06 -0.02 0.00	17.71 0.02 0.00	16.22 -0.04 0.00	17.25 -0.10 0.00	17.48 -0.04 0.00	19.13 -0.04 0.00	23.62 -0.13 0.00	26.08 -0.25 0.00	26.06 -0.16 0.00	39.85 -0.24 0.00	31.11 -0.14 0.00	28.95 -0.12 0.00	23.75 -0.13 0.00	20.91 -0.16 0.00	23.91 -0.19 0.00	31.42 -0.24 0.00	31.03 -0.21 0.00
S.PERRY___115KV_TB1 80734	21.10 0.37 0.00	18.35 0.09 0.00	16.07 0.00 0.00	15.03 -0.04 0.00	14.04 -0.03 0.00	15.48 0.06 0.00	14.41 0.06 0.00	17.22 0.13 0.00	17.70 0.00 0.00	16.33 0.07 0.00	17.42 0.07 0.00	17.67 0.16 0.00	19.47 0.30 0.00	24.04 0.29 0.00	26.77 0.43 0.00	26.41 0.20 0.00	40.16 0.08 0.00	31.41 0.15 0.00	29.21 0.14 0.00	24.22 0.33 0.00	21.44 0.37 0.00	24.70 0.60 0.00	32.21 0.55 0.00	31.88 0.64 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	20.24 -0.49 0.00	17.63 -0.63 0.00	15.47 -0.60 0.00	14.49 -0.58 0.00	13.52 -0.55 0.00	14.90 -0.52 0.00	13.85 -0.50 0.00	16.63 -0.45 0.00	17.32 -0.38 0.00	15.95 -0.31 0.00	17.02 -0.33 0.00	17.24 -0.27 0.00	19.02 -0.14 0.00	23.36 -0.39 0.00	25.90 -0.44 0.00	25.39 -0.82 0.00	38.74 -1.34 0.00	30.25 -1.01 0.00	28.11 -0.97 0.00	23.24 -0.65 0.00	20.42 -0.65 0.00	23.54 -0.56 0.00	30.65 -1.01 0.00	30.56 -0.68 0.00
SAWYER___23_KV_LOAD 55526	20.24 -0.49 0.00	17.63 -0.63 0.00	15.47 -0.60 0.00	14.49 -0.58 0.00	13.52 -0.55 0.00	14.90 -0.52 0.00	13.85 -0.50 0.00	16.63 -0.45 0.00	17.32 -0.38 0.00	15.95 -0.31 0.00	17.02 -0.33 0.00	17.24 -0.27 0.00	19.02 -0.14 0.00	23.36 -0.39 0.00	25.90 -0.44 0.00	25.39 -0.82 0.00	38.74 -1.34 0.00	30.25 -1.01 0.00	28.11 -0.97 0.00	23.24 -0.65 0.00	20.42 -0.65 0.00	23.54 -0.56 0.00	30.65 -1.01 0.00	30.56 -0.68 0.00
SELKIRK___I 23801	21.29 0.56 0.00	18.80 0.53 0.00	16.59 0.52 0.00	15.58 0.51 0.00	14.58 0.51 0.00	15.96 0.54 0.00	14.87 0.52 0.00	17.57 0.49 0.00	18.13 0.43 0.00	16.62 0.36 0.00	17.75 0.39 0.00	17.95 0.43 0.00	19.62 0.46 0.00	24.41 0.66 0.00	27.02 0.68 0.00	27.02 0.81 0.00	41.15 1.07 0.00	32.09 0.84 0.00	30.06 1.00 0.00	24.68 0.80 0.00	21.81 0.74 0.00	24.94 0.84 0.00	32.75 1.09 0.00	32.18 0.94 0.00
SELKIRK___II 23799	21.17 0.44 0.00	18.69 0.42 0.00	16.49 0.43 0.00	15.50 0.43 0.00	14.49 0.42 0.00	15.85 0.43 0.00	14.77 0.42 0.00	17.46 0.38 0.00	18.02 0.33 0.00	16.55 0.29 0.00	17.68 0.33 0.00	17.89 0.37 0.00	19.56 0.39 0.00	24.32 0.57 0.00	26.93 0.59 0.00	26.95 0.74 0.00	41.02 0.94 0.00	31.98 0.72 0.00	29.96 0.89 0.00	24.61 0.72 0.00	21.74 0.67 0.00	24.85 0.75 0.00	32.64 0.98 0.00	32.04 0.80 0.00
SENECA OSWGO___HYD 24041	20.52 -0.22 0.00	18.03 -0.24 0.00	15.85 -0.22 0.00	14.86 -0.21 0.00	13.87 -0.20 0.00	15.22 -0.20 0.00	14.16 -0.18 0.00	16.89 -0.19 0.00	17.50 -0.19 0.00	16.06 -0.20 0.00	17.12 -0.24 0.00	17.28 -0.24 0.00	18.91 -0.25 0.00	23.35 -0.40 0.00	25.88 -0.46 0.00	25.77 -0.44 0.00	39.39 -0.69 0.00	30.74 -0.52 0.00	28.63 -0.45 0.00	23.54 -0.34 0.00	20.75 -0.32 0.00	23.75 -0.36 0.00	31.14 -0.52 0.00	30.84 -0.40 0.00
SENECA___115KV_TB3 355854	20.45 -0.28 0.00	17.79 -0.48 0.00	15.61 -0.46 0.00	14.62 -0.45 0.00	13.63 -0.43 0.00	15.03 -0.39 0.00	13.97 -0.38 0.00	16.79 -0.29 0.00	17.49 -0.21 0.00	16.11 -0.15 0.00	17.21 -0.14 0.00	17.45 -0.06 0.00	19.26 0.09 0.00	23.65 -0.10 0.00	26.24 -0.10 0.00	25.72 -0.49 0.00	39.24 -0.84 0.00	30.62 -0.64 0.00	28.44 -0.63 0.00	23.51 -0.38 0.00	20.65 -0.42 0.00	23.82 -0.28 0.00	31.02 -0.64 0.00	30.90 -0.34 0.00
SENECA___ENERGY 23797	20.60 -0.13 0.00	18.03 -0.24 0.00	15.85 -0.22 0.00	14.85 -0.22 0.00	13.86 -0.21 0.00	15.23 -0.19 0.00	14.19 -0.16 0.00	16.95 -0.13 0.00	17.57 -0.13 0.00	16.14 -0.12 0.00	17.20 -0.15 0.00	17.40 -0.11 0.00	19.11 -0.05 0.00	23.62 -0.13 0.00	26.21 -0.13 0.00	26.07 -0.15 0.00	39.78 -0.31 0.00	31.08 -0.17 0.00	28.89 -0.18 0.00	23.81 -0.08 0.00	20.98 -0.09 0.00	24.04 -0.06 0.00	31.44 -0.22 0.00	31.09 -0.15 0.00
SHOEMAKER___GT 23640	21.63 0.90 0.00	19.04 0.77 0.00	16.77 0.71 0.00	15.75 0.68 0.00	14.69 0.62 0.00	16.07 0.66 0.00	14.95 0.61 0.00	17.79 0.70 0.00	18.41 0.71 0.00	16.93 0.68 0.00	18.16 0.80 0.00	18.40 0.89 0.00	20.12 0.96 0.00	25.00 1.25 0.00	27.78 1.44 0.00	27.76 1.55 0.00	42.25 2.16 0.00	32.92 1.66 0.00	30.83 1.76 0.00	25.36 1.47 0.00	22.38 1.31 0.00	25.53 1.43 0.00	33.51 1.84 0.00	32.81 1.57 0.00
SHOEMAKR_138KV_BK 111 55601	21.62 0.89 0.00	19.03 0.77 0.00	16.77 0.70 0.00	15.74 0.67 0.00	14.68 0.61 0.00	16.07 0.65 0.00	14.94 0.60 0.00	17.78 0.70 0.00	18.41 0.71 0.00	16.94 0.68 0.00	18.16 0.80 0.00	18.41 0.90 0.00	20.14 0.97 0.00	25.01 1.26 0.00	27.80 1.46 0.00	27.77 1.56 0.00	42.27 2.18 0.00	32.92 1.66 0.00	30.83 1.76 0.00	25.35 1.47 0.00	22.37 1.30 0.00	25.53 1.43 0.00	33.50 1.84 0.00	32.80 1.56 0.00
SHOREHAM_IC_1 23715	21.91 1.18 0.00	19.38 1.12 0.00	17.01 0.94 0.00	15.93 0.86 0.00	14.89 0.82 0.00	16.42 1.00 0.00	15.29 0.95 0.00	18.00 0.91 0.00	18.50 0.80 0.00	17.06 0.80 0.00	28.23 1.01 -9.87	29.29 1.16 -10.62	31.36 1.23 -10.97	35.22 1.62 -9.85	29.38 1.90 -1.13	28.14 1.93 0.00	42.33 2.25 0.00	32.87 1.61 0.00	31.04 1.97 0.00	25.74 1.85 0.00	24.42 1.90 -1.45	57.63 2.00 -31.52	45.55 2.48 -11.40	41.38 2.14 -8.00
SHOREHAM_IC_2 23716	21.91 1.18 0.00	19.38 1.12 0.00	17.01 0.94 0.00	15.93 0.86 0.00	14.89 0.82 0.00	16.42 1.00 0.00	15.29 0.95 0.00	18.00 0.91 0.00	18.50 0.80 0.00	17.06 0.80 0.00	28.23 1.01 -9.87	29.29 1.16 -10.62	31.36 1.23 -10.97	35.22 1.62 -9.85	29.38 1.90 -1.13	28.14 1.93 0.00	42.33 2.25 0.00	32.87 1.61 0.00	31.04 1.97 0.00	25.74 1.85 0.00	24.42 1.90 -1.45	57.63 2.00 -31.52	45.55 2.48 -11.40	41.38 2.14 -8.00
SISSONVILLE___ 23735	20.90 0.17 0.00	18.46 0.19 0.00	16.15 0.08 0.00	15.10 0.03 0.00	14.09 0.03 0.00	15.41 -0.01 0.00	14.35 0.00 0.00	17.19 0.10 0.00	17.87 0.18 0.00	16.43 0.17 0.00	17.50 0.14 0.00	17.61 0.09 0.00	19.28 0.12 0.00	23.94 0.19 0.00	26.56 0.22 0.00	26.45 0.24 0.00	40.65 0.57 0.00	31.76 0.50 0.00	29.29 0.22 0.00	24.00 0.11 0.00	21.13 0.06 0.00	24.18 0.08 0.00	31.79 0.13 0.00	31.28 0.04 0.00

SITHE_IND_GS1 24169	20.25 -0.48 0.00	17.81 -0.46 0.00	15.66 -0.41 0.00	14.68 -0.39 0.00	13.70 -0.37 0.00	15.03 -0.38 0.00	13.99 -0.36 0.00	16.68 -0.41 0.00	17.28 -0.41 0.00	15.86 -0.40 0.00	16.89 -0.46 0.00	17.05 -0.47 0.00	18.64 -0.52 0.00	23.04 -0.72 0.00	25.54 -0.80 0.00	25.41 -0.80 0.00	38.83 -1.26 0.00	30.29 -0.96 0.00	28.19 -0.88 0.00	23.19 -0.70 0.00	20.44 -0.63 0.00	23.39 -0.71 0.00	30.70 -0.96 0.00	30.46 -0.78 0.00
SITHE_IND_GS2 24170	20.25 -0.48 0.00	17.81 -0.46 0.00	15.66 -0.41 0.00	14.68 -0.39 0.00	13.70 -0.37 0.00	15.03 -0.38 0.00	13.99 -0.36 0.00	16.68 -0.41 0.00	17.28 -0.41 0.00	15.86 -0.40 0.00	16.89 -0.46 0.00	17.05 -0.47 0.00	18.64 -0.52 0.00	23.04 -0.72 0.00	25.54 -0.80 0.00	25.41 -0.80 0.00	38.83 -1.26 0.00	30.29 -0.96 0.00	28.19 -0.88 0.00	23.19 -0.70 0.00	20.44 -0.63 0.00	23.39 -0.71 0.00	30.70 -0.96 0.00	30.46 -0.78 0.00
SITHE_IND_GS3 24171	20.25 -0.48 0.00	17.81 -0.46 0.00	15.66 -0.41 0.00	14.68 -0.39 0.00	13.70 -0.37 0.00	15.03 -0.38 0.00	13.99 -0.36 0.00	16.68 -0.41 0.00	17.28 -0.41 0.00	15.86 -0.40 0.00	16.89 -0.46 0.00	17.05 -0.47 0.00	18.64 -0.52 0.00	23.04 -0.72 0.00	25.54 -0.80 0.00	25.41 -0.80 0.00	38.83 -1.26 0.00	30.29 -0.96 0.00	28.19 -0.88 0.00	23.19 -0.70 0.00	20.44 -0.63 0.00	23.39 -0.71 0.00	30.70 -0.96 0.00	30.46 -0.78 0.00
SITHE_IND_GS4 24172	20.25 -0.48 0.00	17.81 -0.46 0.00	15.66 -0.41 0.00	14.68 -0.39 0.00	13.70 -0.37 0.00	15.03 -0.38 0.00	13.99 -0.36 0.00	16.68 -0.41 0.00	17.28 -0.41 0.00	15.86 -0.40 0.00	16.89 -0.46 0.00	17.05 -0.47 0.00	18.64 -0.52 0.00	23.04 -0.72 0.00	25.54 -0.80 0.00	25.41 -0.80 0.00	38.83 -1.26 0.00	30.29 -0.96 0.00	28.19 -0.88 0.00	23.19 -0.70 0.00	20.44 -0.63 0.00	23.39 -0.71 0.00	30.70 -0.96 0.00	30.46 -0.78 0.00
SITHE___BATAVIA 24024	20.67 -0.06 0.00	18.02 -0.25 0.00	15.80 -0.27 0.00	14.80 -0.27 0.00	13.81 -0.26 0.00	15.20 -0.21 0.00	14.13 -0.22 0.00	16.96 -0.12 0.00	17.68 -0.02 0.00	16.22 -0.04 0.00	17.27 -0.09 0.00	17.52 0.01 0.00	19.30 0.14 0.00	23.79 0.04 0.00	26.28 -0.06 0.00	25.85 -0.36 0.00	39.59 -0.50 0.00	31.04 -0.22 0.00	28.90 -0.17 0.00	23.89 0.00 0.00	21.01 -0.06 0.00	24.17 0.07 0.00	31.43 -0.23 0.00	31.28 0.03 0.00
SITHE___INDEPEND 23800	20.25 -0.48 0.00	17.81 -0.46 0.00	15.66 -0.41 0.00	14.68 -0.39 0.00	13.70 -0.37 0.00	15.03 -0.39 0.00	13.99 -0.36 0.00	16.68 -0.41 0.00	17.29 -0.41 0.00	15.86 -0.40 0.00	16.89 -0.46 0.00	17.05 -0.47 0.00	18.64 -0.52 0.00	23.04 -0.72 0.00	25.54 -0.80 0.00	25.41 -0.80 0.00	38.82 -1.26 0.00	30.29 -0.97 0.00	28.19 -0.88 0.00	23.19 -0.70 0.00	20.44 -0.63 0.00	23.40 -0.71 0.00	30.70 -0.96 0.00	30.46 0.00 0.00
SITHE___MASSENA 23902	20.73 0.00 0.00	18.32 0.05 0.00	16.05 -0.02 0.00	15.02 -0.05 0.00	14.02 -0.05 0.00	15.33 -0.09 0.00	14.27 -0.08 0.00	17.05 -0.03 0.00	17.71 0.01 0.00	16.29 0.03 0.00	17.37 0.02 0.00	17.46 -0.05 0.00	19.12 -0.05 0.00	23.72 -0.02 0.00	26.32 -0.02 0.00	26.18 -0.03 0.00	40.23 0.14 0.00	31.38 0.13 0.00	28.97 -0.11 0.00	23.77 -0.11 0.00	20.96 -0.11 0.00	24.00 -0.10 0.00	31.55 -0.11 0.00	31.11 -0.13 0.00
SITHE___OGDNSBRG 24021	21.04 0.31 0.00	18.59 0.32 0.00	16.27 0.20 0.00	15.22 0.15 0.00	14.20 0.14 0.00	15.53 0.11 0.00	14.45 0.11 0.00	17.29 0.20 0.00	17.97 0.27 0.00	16.52 0.27 0.00	17.60 0.25 0.00	17.68 0.16 0.00	19.39 0.22 0.00	24.05 0.30 0.00	26.74 0.40 0.00	26.63 0.42 0.00	40.98 0.89 0.00	32.00 0.75 0.00	29.48 0.41 0.00	24.19 0.31 0.00	21.32 0.25 0.00	24.41 0.30 0.00	32.05 0.39 0.00	31.54 0.30 0.00
SITHE___STERLING 23777	21.18 0.45 0.00	18.60 0.33 0.00	16.35 0.28 0.00	15.31 0.24 0.00	14.28 0.22 0.00	15.66 0.24 0.00	14.58 0.23 0.00	17.40 0.31 0.00	18.02 0.33 0.00	16.55 0.30 0.00	17.65 0.30 0.00	17.83 0.31 0.00	19.52 0.36 0.00	24.18 0.43 0.00	26.89 0.55 0.00	26.79 0.58 0.00	41.05 0.96 0.00	32.10 0.84 0.00	29.86 0.79 0.00	24.53 0.64 0.00	21.63 0.56 0.00	24.71 0.61 0.00	32.41 0.75 0.00	31.90 0.66 0.00
SLEIGHT__34_KV_TB1 80719	20.90 0.17 0.00	18.30 0.04 0.00	16.09 0.02 0.00	15.07 0.00 0.00	14.06 0.00 0.00	15.45 0.03 0.00	14.38 0.04 0.00	17.20 0.11 0.00	17.86 0.16 0.00	16.41 0.16 0.00	17.52 0.16 0.00	17.72 0.21 0.00	19.45 0.28 0.00	24.08 0.33 0.00	26.71 0.37 0.00	26.54 0.32 0.00	40.60 0.52 0.00	31.71 0.45 0.00	29.49 0.42 0.00	24.25 0.36 0.00	21.35 0.28 0.00	24.46 0.36 0.00	31.97 0.31 0.00	31.58 0.34 0.00
SOUTH CAIRO___GT 23612	21.70 0.97 0.00	19.14 0.88 0.00	16.89 0.82 0.00	15.85 0.79 0.00	14.84 0.78 0.00	16.25 0.84 0.00	15.15 0.80 0.00	17.86 0.78 0.00	18.34 0.64 0.00	16.76 0.50 0.00	17.84 0.49 0.00	18.08 0.57 0.00	19.82 0.66 0.00	24.65 0.90 0.00	27.27 0.93 0.00	27.31 1.09 0.00	41.53 1.45 0.00	32.76 1.50 0.00	30.85 1.78 0.00	25.35 1.46 0.00	22.46 1.39 0.00	25.71 1.61 0.00	33.69 2.03 0.00	32.98 1.74 0.00
SOUTH HAMPTN___IC 23720	22.40 1.67 0.00	19.78 1.51 0.00	17.36 1.30 0.00	16.26 1.19 0.00	15.19 1.13 0.00	16.74 1.32 0.00	15.59 1.24 0.00	18.39 1.30 0.00	18.94 1.25 0.00	17.52 1.26 0.00	28.74 1.52 -9.87	29.82 1.69 -10.62	31.95 1.82 -10.97	35.94 2.34 -9.85	30.19 2.72 -1.13	28.96 2.75 0.00	43.58 3.49 0.00	33.81 2.55 0.00	31.91 2.84 0.00	26.44 2.55 0.00	24.80 2.28 -1.45	58.08 2.46 -31.52	46.12 3.06 -11.40	41.92 2.68 -8.00
SOUTHDOW_115KV_TB1 355954	21.01 0.28 0.00	18.18 -0.09 0.00	16.03 -0.04 0.00	14.96 -0.11 0.00	13.89 -0.17 0.00	15.33 -0.09 0.00	14.21 -0.14 0.00	17.11 0.03 0.00	17.89 0.20 0.00	16.58 0.32 0.00	17.88 0.52 0.00	18.18 0.66 0.00	20.05 0.89 0.00	24.61 0.86 0.00	27.34 0.99 0.00	26.90 0.69 0.00	41.05 0.96 0.00	31.95 0.70 0.00	29.61 0.54 0.00	24.46 0.58 0.00	21.48 0.40 0.00	24.72 0.62 0.00	32.32 0.66 0.00	32.12 0.88 0.00
SOUTHOLD_69_KV_BK 2 55809	22.70 1.96 0.00	20.03 1.76 0.00	17.58 1.51 0.00	16.46 1.39 0.00	15.38 1.31 0.00	16.94 1.52 0.00	15.78 1.43 0.00	18.63 1.55 0.00	19.20 1.50 0.00	17.77 1.51 0.00	29.04 1.81 -9.87	30.10 1.97 -10.62	32.28 2.15 -10.97	36.32 2.72 -9.85	30.65 3.18 -1.13	29.43 3.22 0.00	44.30 4.22 0.00	34.38 3.13 0.00	32.45 3.38 0.00	26.87 2.99 0.00	25.28 2.76 -1.45	58.60 2.97 -31.52	46.76 3.70 -11.40	42.51 3.27 -8.00
SOUTHOLD___IC 23719	22.70 1.97 0.00	20.03 1.76 0.00	17.58 1.51 0.00	16.46 1.39 0.00	15.38 1.31 0.00	16.94 1.52 0.00	15.78 1.43 0.00	18.63 1.55 0.00	19.20 1.50 0.00	17.77 1.52 0.00	29.04 1.81 -9.87	30.10 1.97 -10.62	32.28 2.15 -10.97	36.32 2.71 -9.85	30.65 3.18 -1.13	29.43 3.22 0.00	44.30 4.21 0.00	34.38 3.12 0.00	32.45 3.38 0.00	26.87 2.99 0.00	25.28 2.76 -1.45	58.60 2.97 -31.52	46.76 3.69 -11.40	42.51 3.27 -8.00

SPIERFLS_115KV_TB 1 80737	22.21 1.48 0.00	19.58 1.31 0.00	17.28 1.21 0.00	16.21 1.14 0.00	15.12 1.05 0.00	16.57 1.15 0.00	15.39 1.04 0.00	18.24 1.16 0.00	18.84 1.15 0.00	17.29 1.03 0.00	18.36 1.00 0.00	18.58 1.06 0.00	20.23 1.07 0.00	24.98 1.23 0.00	27.42 1.08 0.00	27.46 1.25 0.00	42.10 2.02 0.00	33.10 1.84 0.00	30.93 1.86 0.00	25.21 1.32 0.00	22.35 1.28 0.00	25.53 1.43 0.00	33.56 1.90 0.00	33.46 2.22 0.00
ST LAWRENCE____ 23600	20.45 -0.28 0.00	18.07 -0.19 0.00	15.85 -0.22 0.00	14.84 -0.23 0.00	13.85 -0.22 0.00	15.14 -0.27 0.00	14.10 -0.25 0.00	16.82 -0.26 0.00	17.47 -0.23 0.00	16.07 -0.18 0.00	17.13 -0.22 0.00	17.23 -0.29 0.00	18.86 -0.30 0.00	23.40 -0.35 0.00	25.95 -0.39 0.00	25.80 -0.41 0.00	39.65 -0.43 0.00	30.94 -0.32 0.00	28.56 -0.52 0.00	23.44 -0.44 0.00	20.68 -0.40 0.00	23.67 -0.43 0.00	31.13 -0.53 0.00	30.70 -0.54 0.00
STATE_CA_115KV_115_LB 55624	21.16 0.43 0.00	18.70 0.43 0.00	16.50 0.43 0.00	15.51 0.44 0.00	14.51 0.44 0.00	15.86 0.45 0.00	14.79 0.45 0.00	17.46 0.37 0.00	18.01 0.32 0.00	16.54 0.28 0.00	17.67 0.32 0.00	17.89 0.37 0.00	19.56 0.40 0.00	24.35 0.60 0.00	26.96 0.62 0.00	27.00 0.79 0.00	41.14 1.06 0.00	32.07 0.81 0.00	30.03 0.97 0.00	24.65 0.76 0.00	21.77 0.71 0.00	24.89 0.79 0.00	32.68 1.02 0.00	32.07 0.83 0.00
STATE_ST_34_KV_LOAD 55959	20.83 0.10 0.00	18.28 0.01 0.00	16.08 0.01 0.00	15.07 0.01 0.00	14.07 0.00 0.00	15.44 0.02 0.00	14.37 0.02 0.00	17.16 0.07 0.00	17.78 0.09 0.00	16.32 0.06 0.00	17.40 0.05 0.00	17.59 0.08 0.00	19.28 0.12 0.00	23.84 0.09 0.00	26.46 0.12 0.00	26.33 0.12 0.00	40.25 0.17 0.00	31.43 0.17 0.00	29.25 0.18 0.00	24.07 0.18 0.00	21.20 0.13 0.00	24.28 0.18 0.00	31.80 0.14 0.00	31.43 0.19 0.00
STATION 5_MISC_HYD 23604	20.53 -0.20 0.00	17.95 -0.32 0.00	15.75 -0.31 0.00	14.75 -0.31 0.00	13.77 -0.30 0.00	15.14 -0.27 0.00	14.08 -0.26 0.00	16.87 -0.21 0.00	17.55 -0.15 0.00	16.12 -0.14 0.00	17.19 -0.17 0.00	17.40 -0.12 0.00	19.15 -0.01 0.00	23.65 -0.09 0.00	26.16 -0.18 0.00	25.86 -0.36 0.00	39.52 -0.56 0.00	30.88 -0.38 0.00	28.71 -0.36 0.00	23.67 -0.22 0.00	20.83 -0.24 0.00	23.93 -0.17 0.00	31.21 -0.45 0.00	30.97 -0.27 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	20.65 -0.08 0.00	18.06 -0.21 0.00	15.87 -0.20 0.00	14.86 -0.21 0.00	13.87 -0.20 0.00	15.25 -0.17 0.00	14.19 -0.16 0.00	16.98 -0.10 0.00	17.65 -0.05 0.00	16.21 -0.04 0.00	17.29 -0.06 0.00	17.51 -0.01 0.00	19.23 0.07 0.00	23.79 0.04 0.00	26.37 0.03 0.00	26.11 -0.10 0.00	39.92 -0.17 0.00	31.19 -0.07 0.00	28.99 -0.08 0.00	23.89 0.00 0.00	21.02 -0.05 0.00	24.11 0.00 0.00	31.48 -0.18 0.00	31.15 -0.09 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	20.42 -0.31 0.00	17.85 -0.41 0.00	15.67 -0.39 0.00	14.68 -0.39 0.00	13.70 -0.37 0.00	15.06 -0.36 0.00	14.01 -0.34 0.00	16.78 -0.31 0.00	17.45 -0.24 0.00	16.03 -0.22 0.00	17.10 -0.25 0.00	17.31 -0.20 0.00	19.05 -0.11 0.00	23.53 -0.21 0.00	26.05 -0.29 0.00	25.75 -0.46 0.00	39.36 -0.72 0.00	30.75 -0.51 0.00	28.60 -0.48 0.00	23.57 -0.32 0.00	20.73 -0.34 0.00	23.81 -0.29 0.00	31.06 -0.60 0.00	30.80 -0.44 0.00
STA_56____34_KV_BUS2 355983	20.42 -0.31 0.00	17.85 -0.41 0.00	15.67 -0.39 0.00	14.68 -0.39 0.00	13.70 -0.37 0.00	15.06 -0.36 0.00	14.01 -0.34 0.00	16.78 -0.31 0.00	17.45 -0.24 0.00	16.03 -0.22 0.00	17.10 -0.25 0.00	17.31 -0.20 0.00	19.05 -0.11 0.00	23.53 -0.21 0.00	26.05 -0.29 0.00	25.75 -0.46 0.00	39.36 -0.72 0.00	30.75 -0.51 0.00	28.60 -0.48 0.00	23.57 -0.32 0.00	20.73 -0.34 0.00	23.81 -0.29 0.00	31.06 -0.60 0.00	30.80 -0.44 0.00
STA_67____115KV_BK2 355882	20.50 -0.23 0.00	17.91 -0.35 0.00	15.73 -0.34 0.00	14.73 -0.34 0.00	13.75 -0.32 0.00	15.12 -0.30 0.00	14.06 -0.29 0.00	16.84 -0.24 0.00	17.52 -0.18 0.00	16.09 -0.17 0.00	17.16 -0.20 0.00	17.36 -0.15 0.00	19.11 -0.05 0.00	23.59 -0.16 0.00	26.11 -0.23 0.00	25.80 -0.41 0.00	39.41 -0.67 0.00	30.80 -0.45 0.00	28.65 -0.42 0.00	23.62 -0.27 0.00	20.78 -0.29 0.00	23.87 -0.23 0.00	31.15 -0.52 0.00	30.91 -0.33 0.00
STA_7____115KV_9TRANS 80674	20.62 -0.12 0.00	18.02 -0.25 0.00	15.81 -0.26 0.00	14.81 -0.26 0.00	13.82 -0.25 0.00	15.19 -0.22 0.00	14.12 -0.22 0.00	16.93 -0.16 0.00	17.61 -0.09 0.00	16.17 -0.08 0.00	17.26 -0.10 0.00	17.47 -0.04 0.00	19.24 0.08 0.00	23.77 0.02 0.00	26.29 -0.04 0.00	25.99 -0.22 0.00	39.71 -0.37 0.00	31.05 -0.21 0.00	28.87 -0.21 0.00	23.80 -0.08 0.00	20.94 -0.13 0.00	24.06 -0.04 0.00	31.37 -0.29 0.00	31.11 -0.13 0.00
STA_82____115KV_TB1 80780	20.50 -0.23 0.00	17.92 -0.34 0.00	15.74 -0.33 0.00	14.74 -0.33 0.00	13.75 -0.31 0.00	15.12 -0.29 0.00	14.06 -0.28 0.00	16.85 -0.23 0.00	17.52 -0.17 0.00	16.09 -0.16 0.00	17.17 -0.19 0.00	17.37 -0.14 0.00	19.12 -0.04 0.00	23.60 -0.15 0.00	26.13 -0.21 0.00	25.81 -0.40 0.00	39.44 -0.65 0.00	30.81 -0.44 0.00	28.66 -0.41 0.00	23.63 -0.26 0.00	20.79 -0.28 0.00	23.89 -0.22 0.00	31.16 -0.50 0.00	30.92 -0.32 0.00
STEEL____WIND 323596	20.43 -0.30 0.00	17.77 -0.50 0.00	15.60 -0.47 0.00	14.61 -0.46 0.00	13.62 -0.44 0.00	15.02 -0.40 0.00	13.96 -0.38 0.00	16.79 -0.30 0.00	17.47 -0.23 0.00	16.09 -0.17 0.00	17.20 -0.15 0.00	17.44 -0.08 0.00	19.24 0.08 0.00	23.63 -0.12 0.00	26.21 -0.13 0.00	25.69 -0.52 0.00	39.20 -0.89 0.00	30.56 -0.69 0.00	28.39 -0.68 0.00	23.47 -0.42 0.00	20.63 -0.44 0.00	23.79 -0.31 0.00	30.98 -0.68 0.00	30.86 -0.38 0.00
STEPHTWN_115KV_BK_2 55603	21.27 0.55 0.00	18.78 0.51 0.00	16.57 0.50 0.00	15.57 0.50 0.00	14.56 0.50 0.00	15.92 0.51 0.00	14.85 0.50 0.00	17.53 0.45 0.00	18.10 0.40 0.00	16.62 0.37 0.00	17.75 0.40 0.00	17.97 0.46 0.00	19.67 0.50 0.00	24.48 0.73 0.00	27.09 0.75 0.00	27.14 0.93 0.00	41.36 1.27 0.00	32.23 0.98 0.00	30.22 1.15 0.00	24.81 0.93 0.00	21.93 0.86 0.00	25.05 0.95 0.00	32.86 1.20 0.00	32.22 0.99 0.00
STEBEN_REC_LFGE 323667	20.92 0.19 0.00	18.11 -0.16 0.00	15.86 -0.21 0.00	14.81 -0.26 0.00	13.80 -0.27 0.00	15.25 -0.17 0.00	14.24 -0.11 0.00	17.02 -0.07 0.00	17.62 -0.08 0.00	16.37 0.11 0.00	17.51 0.16 0.00	17.79 0.28 0.00	19.59 0.43 0.00	24.15 0.40 0.00	26.92 0.58 0.00	26.53 0.32 0.00	40.23 0.15 0.00	31.16 -0.09 0.00	28.90 -0.17 0.00	23.98 0.10 0.00	21.10 0.03 0.00	24.29 0.19 0.00	31.82 0.15 0.00	31.63 0.40 0.00
STONY____BROOK 24151	22.12 1.39 0.00	19.51 1.24 0.00	17.15 1.08 0.00	16.06 0.99 0.00	15.00 0.94 0.00	16.49 1.07 0.00	15.34 0.99 0.00	18.12 1.04 0.00	18.72 1.02 0.00	17.27 1.02 0.00	28.50 1.28 -9.87	29.56 1.43 -10.62	31.66 1.53 -10.97	35.59 1.99 -9.85	29.74 2.27 -1.13	28.51 2.29 0.00	42.71 2.62 0.00	33.13 1.88 0.00	31.25 2.18 0.00	25.91 2.03 0.00	24.66 2.14 -1.45	57.92 2.30 -31.52	45.94 2.88 -11.40	41.77 2.53 -8.00

STURGEON_POOL_HYD 23609	21.74 1.01 0.00	19.15 0.88 0.00	16.86 0.80 0.00	15.83 0.76 0.00	14.75 0.69 0.00	16.13 0.72 0.00	15.01 0.66 0.00	17.88 0.79 0.00	18.54 0.84 0.00	17.10 0.84 0.00	18.37 1.01 0.00	18.65 1.13 0.00	20.37 1.21 0.00	25.32 1.57 0.00	28.14 1.80 0.00	28.13 1.92 0.00	42.73 2.64 0.00	33.25 2.00 0.00	31.16 2.09 0.00	25.65 1.76 0.00	22.63 1.56 0.00	25.82 1.71 0.00	33.85 2.19 0.00	33.07 1.84 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	21.70 0.97 0.00	19.09 0.83 0.00	16.82 0.75 0.00	15.79 0.73 0.00	14.73 0.66 0.00	16.11 0.70 0.00	14.99 0.64 0.00	17.84 0.75 0.00	18.47 0.77 0.00	17.01 0.75 0.00	18.25 0.89 0.00	18.53 1.02 0.00	20.28 1.11 0.00	25.20 1.45 0.00	28.02 1.68 0.00	28.00 1.79 0.00	42.56 2.48 0.00	33.15 1.90 0.00	31.02 1.95 0.00	25.51 1.62 0.00	22.51 1.44 0.00	25.68 1.57 0.00	33.69 2.03 0.00	32.96 1.72 0.00
SWANROAD_115KV_TB1 355699	19.86 -0.87 0.00	17.31 -0.96 0.00	15.18 -0.88 0.00	14.22 -0.85 0.00	13.27 -0.79 0.00	14.64 -0.78 0.00	13.59 -0.76 0.00	16.32 -0.76 0.00	17.03 -0.67 0.00	15.66 -0.60 0.00	16.67 -0.68 0.00	16.87 -0.64 0.00	18.62 -0.54 0.00	22.86 -0.89 0.00	25.29 -1.05 0.00	24.78 -1.43 0.00	37.74 -2.35 0.00	29.52 -1.74 0.00	27.45 -1.62 0.00	22.75 -1.14 0.00	20.01 -1.06 0.00	23.05 -1.06 0.00	30.00 -1.66 0.00	30.06 -1.18 0.00
SYNERGY___BIOGAS 323694	20.67 -0.06 0.00	18.02 -0.25 0.00	15.80 -0.27 0.00	14.80 -0.27 0.00	13.81 -0.26 0.00	15.20 -0.21 0.00	14.13 -0.22 0.00	16.96 -0.12 0.00	17.68 -0.02 0.00	16.22 -0.04 0.00	17.27 -0.09 0.00	17.52 0.01 0.00	19.30 0.14 0.00	23.79 0.04 0.00	26.28 -0.06 0.00	25.85 -0.36 0.00	39.59 -0.50 0.00	31.04 -0.22 0.00	28.90 -0.17 0.00	23.89 0.00 0.00	21.01 -0.06 0.00	24.17 0.07 0.00	31.43 -0.23 0.00	31.28 0.03 0.00
SYRACUSE___ENERGY_ST1 323597	20.68 -0.05 0.00	18.16 -0.11 0.00	15.97 -0.10 0.00	14.97 -0.09 0.00	13.97 -0.09 0.00	15.33 -0.09 0.00	14.27 -0.08 0.00	17.03 -0.06 0.00	17.65 -0.05 0.00	16.20 -0.06 0.00	17.28 -0.07 0.00	17.46 -0.05 0.00	19.12 -0.04 0.00	23.65 -0.10 0.00	26.24 -0.10 0.00	26.12 -0.10 0.00	39.92 -0.16 0.00	31.14 -0.11 0.00	28.99 -0.08 0.00	23.84 -0.04 0.00	21.00 -0.07 0.00	24.04 -0.07 0.00	31.51 -0.15 0.00	31.17 -0.07 0.00
SYRACUSE___ENERGY_ST2 323598	20.68 -0.05 0.00	18.16 -0.11 0.00	15.97 -0.10 0.00	14.97 -0.09 0.00	13.97 -0.09 0.00	15.33 -0.09 0.00	14.27 -0.08 0.00	17.03 -0.06 0.00	17.65 -0.05 0.00	16.20 -0.06 0.00	17.28 -0.07 0.00	17.46 -0.05 0.00	19.12 -0.04 0.00	23.65 -0.10 0.00	26.24 -0.10 0.00	26.12 -0.10 0.00	39.92 -0.16 0.00	31.14 -0.11 0.00	28.99 -0.08 0.00	23.84 -0.04 0.00	21.00 -0.07 0.00	24.04 -0.07 0.00	31.51 -0.15 0.00	31.17 -0.07 0.00
SYRACUSE___POWER 24017	20.68 -0.05 0.00	18.16 -0.11 0.00	15.97 -0.10 0.00	14.97 -0.09 0.00	13.97 -0.09 0.00	15.33 -0.09 0.00	14.27 -0.08 0.00	17.03 -0.06 0.00	17.65 -0.05 0.00	16.20 -0.06 0.00	17.28 -0.07 0.00	17.46 -0.05 0.00	19.12 -0.04 0.00	23.66 -0.09 0.00	26.26 -0.08 0.00	26.13 -0.09 0.00	39.95 -0.13 0.00	31.17 -0.09 0.00	29.02 -0.05 0.00	23.87 -0.02 0.00	21.03 -0.04 0.00	24.07 -0.03 0.00	31.55 -0.11 0.00	31.19 -0.05 0.00
TALLMAN__138KV_BK151 55660	21.77 1.04 0.00	19.15 0.88 0.00	16.87 0.80 0.00	15.84 0.77 0.00	14.77 0.70 0.00	16.15 0.74 0.00	15.03 0.68 0.00	17.89 0.80 0.00	18.53 0.83 0.00	17.07 0.82 0.00	18.33 0.98 0.00	18.63 1.12 0.00	20.40 1.24 0.00	25.36 1.61 0.00	28.20 1.86 0.00	28.19 1.97 0.00	42.80 2.71 0.00	33.32 2.06 0.00	31.18 2.11 0.00	25.63 1.75 0.00	22.62 1.55 0.00	25.81 1.71 0.00	33.88 2.22 0.00	33.13 1.89 0.00
TEALLAVE_115KV_TB7 355573	20.60 -0.13 0.00	18.09 -0.18 0.00	15.90 -0.17 0.00	14.91 -0.16 0.00	13.92 -0.15 0.00	15.26 -0.15 0.00	14.21 -0.14 0.00	16.95 -0.13 0.00	17.57 -0.12 0.00	16.13 -0.12 0.00	17.21 -0.15 0.00	17.39 -0.13 0.00	19.04 -0.12 0.00	23.56 -0.19 0.00	26.13 -0.21 0.00	26.00 -0.21 0.00	39.73 -0.35 0.00	31.00 -0.26 0.00	28.86 -0.22 0.00	23.73 -0.16 0.00	20.91 -0.16 0.00	23.93 -0.17 0.00	31.36 -0.30 0.00	31.04 -0.20 0.00
TELGRAPH_34_KV_EAST 80808	20.32 -0.42 0.00	17.70 -0.56 0.00	15.52 -0.54 0.00	14.54 -0.53 0.00	13.57 -0.50 0.00	14.95 -0.46 0.00	13.89 -0.46 0.00	16.68 -0.41 0.00	17.40 -0.30 0.00	15.99 -0.27 0.00	17.04 -0.32 0.00	17.27 -0.25 0.00	19.04 -0.12 0.00	23.41 -0.34 0.00	25.90 -0.44 0.00	25.43 -0.79 0.00	38.79 -1.30 0.00	30.38 -0.88 0.00	28.25 -0.82 0.00	23.38 -0.51 0.00	20.55 -0.52 0.00	23.67 -0.44 0.00	30.78 -0.88 0.00	30.72 -0.52 0.00
TEMPLE___115KV_TB 2 55572	20.61 -0.13 0.00	18.09 -0.17 0.00	15.91 -0.15 0.00	14.92 -0.15 0.00	13.92 -0.15 0.00	15.28 -0.14 0.00	14.22 -0.13 0.00	16.96 -0.12 0.00	17.59 -0.11 0.00	16.14 -0.12 0.00	17.21 -0.14 0.00	17.40 -0.11 0.00	19.05 -0.11 0.00	23.57 -0.17 0.00	26.15 -0.19 0.00	26.02 -0.19 0.00	39.76 -0.32 0.00	31.02 -0.24 0.00	28.88 -0.20 0.00	23.75 -0.14 0.00	20.92 -0.15 0.00	23.94 -0.16 0.00	31.39 -0.27 0.00	31.07 -0.17 0.00
TIANA____69_KV_BK 1 55817	22.29 1.56 0.00	19.69 1.42 0.00	17.28 1.22 0.00	16.18 1.11 0.00	15.12 1.06 0.00	16.66 1.24 0.00	15.51 1.17 0.00	18.29 1.21 0.00	18.84 1.14 0.00	17.41 1.16 0.00	28.63 1.41 -9.87	29.70 1.57 -10.62	31.82 1.69 -10.97	35.78 2.18 -9.85	30.01 2.54 -1.13	28.78 2.56 0.00	43.30 3.22 0.00	33.60 2.34 0.00	31.71 2.64 0.00	26.28 2.40 0.00	24.71 2.20 -1.45	57.98 2.35 -31.52	45.99 2.92 -11.40	41.80 2.56 -8.00
TILDEN___115KV_TB1 80814	20.68 -0.05 0.00	18.16 -0.11 0.00	15.97 -0.10 0.00	14.97 -0.09 0.00	13.97 -0.09 0.00	15.33 -0.09 0.00	14.27 -0.08 0.00	17.03 -0.06 0.00	17.65 -0.05 0.00	16.20 -0.06 0.00	17.28 -0.07 0.00	17.46 -0.05 0.00	19.12 -0.04 0.00	23.66 -0.09 0.00	26.26 -0.08 0.00	26.13 -0.09 0.00	39.95 -0.13 0.00	31.17 -0.09 0.00	29.02 -0.05 0.00	23.87 -0.02 0.00	21.03 -0.04 0.00	24.07 -0.03 0.00	31.55 -0.11 0.00	31.19 -0.05 0.00
TRIGEN___CC 323695	22.04 1.31 0.00	19.42 1.16 0.00	17.09 1.02 0.00	16.02 0.95 0.00	14.95 0.89 0.00	16.39 0.97 0.00	15.24 0.89 0.00	18.07 0.98 0.00	18.72 1.02 0.00	17.25 1.00 0.00	28.51 1.28 -9.87	29.54 1.41 -10.62	31.61 1.48 -10.97	35.48 1.87 -9.85	29.55 2.08 -1.13	28.34 2.13 0.00	42.77 2.71 0.02	33.14 1.94 0.06	31.26 2.19 0.00	25.84 1.96 0.00	24.40 1.88 -1.45	57.72 2.09 -31.52	45.75 2.68 -11.41	41.63 2.39 -8.00
TRINITY__115KV__ 4 BK 55933	21.09 0.36 0.00	18.63 0.37 0.00	16.45 0.38 0.00	15.46 0.39 0.00	14.46 0.40 0.00	15.81 0.40 0.00	14.75 0.40 0.00	17.40 0.31 0.00	17.94 0.24 0.00	16.47 0.21 0.00	17.60 0.24 0.00	17.80 0.29 0.00	19.46 0.30 0.00	24.23 0.48 0.00	26.82 0.49 0.00	26.86 0.65 0.00	40.92 0.83 0.00	31.88 0.62 0.00	29.88 0.81 0.00	24.52 0.63 0.00	21.67 0.60 0.00	24.78 0.67 0.00	32.54 0.88 0.00	31.94 0.70 0.00

UNION___PROCESSING_DRP 323587	20.51 -0.22 0.00	17.93 -0.34 0.00	15.74 -0.33 0.00	14.74 -0.33 0.00	13.75 -0.31 0.00	15.13 -0.29 0.00	14.07 -0.28 0.00	16.86 -0.23 0.00	17.53 -0.17 0.00	16.10 -0.16 0.00	17.17 -0.18 0.00	17.38 -0.14 0.00	19.12 -0.04 0.00	23.61 -0.14 0.00	26.13 -0.20 0.00	25.82 -0.39 0.00	39.44 -0.64 0.00	30.83 -0.43 0.00	28.67 -0.39 0.00	23.64 -0.24 0.00	20.80 -0.27 0.00	23.89 -0.21 0.00	31.17 -0.49 0.00	30.93 -0.31 0.00
UPPER HUDSON___HYD 24058	22.21 1.48 0.00	19.58 1.31 0.00	17.28 1.21 0.00	16.21 1.14 0.00	15.12 1.05 0.00	16.57 1.15 0.00	15.39 1.04 0.00	18.24 1.16 0.00	18.84 1.15 0.00	17.29 1.03 0.00	18.36 1.00 0.00	18.58 1.06 0.00	20.23 1.07 0.00	24.98 1.23 0.00	27.42 1.09 0.00	27.46 1.25 0.00	42.10 2.01 0.00	33.10 1.84 0.00	30.93 1.86 0.00	25.21 1.32 0.00	22.35 1.28 0.00	25.53 1.43 0.00	33.56 1.90 0.00	33.46 2.22 0.00
UPPER RAQUET___HYD 24056	20.90 0.17 0.00	18.46 0.19 0.00	16.15 0.08 0.00	15.10 0.03 0.00	14.09 0.03 0.00	15.41 -0.01 0.00	14.35 0.00 0.00	17.19 0.10 0.00	17.87 0.18 0.00	16.43 0.17 0.00	17.50 0.14 0.00	17.61 0.09 0.00	19.29 0.12 0.00	23.94 0.19 0.00	26.56 0.22 0.00	26.45 0.24 0.00	40.65 0.57 0.00	31.75 0.50 0.00	29.29 0.22 0.00	24.00 0.11 0.00	21.13 0.06 0.00	24.18 0.08 0.00	31.79 0.13 0.00	31.28 0.04 0.00
VALLEY44_115KV_TB2 355964	20.68 -0.05 0.00	17.96 -0.30 0.00	15.85 -0.22 0.00	14.88 -0.19 0.00	13.85 -0.22 0.00	15.26 -0.16 0.00	14.22 -0.13 0.00	17.12 0.03 0.00	17.78 0.08 0.00	16.34 0.08 0.00	17.51 0.15 0.00	17.74 0.23 0.00	19.48 0.31 0.00	23.88 0.13 0.00	26.54 0.20 0.00	26.14 -0.08 0.00	39.89 -0.19 0.00	30.94 -0.32 0.00	28.73 -0.34 0.00	23.74 -0.15 0.00	20.82 -0.26 0.00	23.99 -0.11 0.00	31.43 -0.23 0.00	31.38 0.14 0.00
VALLEY___115KV_TB 1-4 80826	20.83 0.09 0.00	18.32 0.06 0.00	16.17 0.11 0.00	15.20 0.14 0.00	14.20 0.14 0.00	15.56 0.15 0.00	14.49 0.14 0.00	17.17 0.09 0.00	17.69 -0.01 0.00	16.23 -0.03 0.00	17.35 0.00 0.00	17.54 0.02 0.00	19.18 0.02 0.00	23.84 0.09 0.00	26.42 0.08 0.00	26.45 0.24 0.00	40.40 0.32 0.00	31.53 0.27 0.00	29.53 0.46 0.00	24.19 0.30 0.00	21.31 0.23 0.00	24.34 0.24 0.00	31.92 0.26 0.00	31.39 0.15 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	21.37 0.64 0.00	18.78 0.52 0.00	16.53 0.47 0.00	15.50 0.44 0.00	14.46 0.40 0.00	15.85 0.43 0.00	14.76 0.41 0.00	17.60 0.51 0.00	18.24 0.54 0.00	16.76 0.50 0.00	17.94 0.58 0.00	18.15 0.63 0.00	19.85 0.69 0.00	24.59 0.84 0.00	27.31 0.98 0.00	27.21 1.00 0.00	41.47 1.39 0.00	32.33 1.07 0.00	30.17 1.10 0.00	24.82 0.93 0.00	21.89 0.82 0.00	25.03 0.93 0.00	32.82 1.16 0.00	32.26 1.02 0.00
VISCHER___FERRY HYD 24020	21.53 0.79 0.00	19.02 0.75 0.00	16.80 0.74 0.00	15.79 0.73 0.00	14.76 0.70 0.00	16.17 0.75 0.00	15.04 0.69 0.00	17.77 0.68 0.00	18.30 0.61 0.00	16.78 0.52 0.00	17.91 0.55 0.00	18.10 0.59 0.00	19.78 0.62 0.00	24.63 0.87 0.00	27.22 0.88 0.00	27.28 1.07 0.00	41.58 1.50 0.00	32.41 1.15 0.00	30.40 1.33 0.00	24.92 1.04 0.00	22.02 0.95 0.00	25.19 1.09 0.00	33.12 1.45 0.00	32.58 1.34 0.00
V_A_10_SYNC_DSASP 323832	20.18 -0.55 0.00	17.61 -0.65 0.00	15.47 -0.60 0.00	14.49 -0.58 0.00	13.52 -0.54 0.00	14.89 -0.53 0.00	13.84 -0.51 0.00	16.61 -0.48 0.00	17.28 -0.41 0.00	15.89 -0.37 0.00	16.94 -0.41 0.00	17.14 -0.37 0.00	18.88 -0.28 0.00	23.22 -0.53 0.00	25.73 -0.61 0.00	25.30 -0.91 0.00	38.62 -1.46 0.00	30.15 -1.11 0.00	28.03 -1.05 0.00	23.15 -0.74 0.00	20.34 -0.73 0.00	23.42 -0.68 0.00	30.53 -1.13 0.00	30.42 -0.82 0.00
V_CMM_10_SYNC_DSASP 323787	20.54 -0.19 0.00	18.15 -0.12 0.00	15.90 -0.16 0.00	14.90 -0.17 0.00	13.90 -0.16 0.00	15.20 -0.21 0.00	14.16 -0.19 0.00	16.89 -0.19 0.00	17.54 -0.15 0.00	16.14 -0.12 0.00	17.22 -0.14 0.00	17.30 -0.21 0.00	18.95 -0.22 0.00	23.50 -0.25 0.00	26.08 -0.26 0.00	25.93 -0.28 0.00	39.83 -0.26 0.00	31.08 -0.18 0.00	28.68 -0.39 0.00	23.55 -0.34 0.00	20.77 -0.31 0.00	23.78 -0.33 0.00	31.27 -0.39 0.00	30.83 -0.41 0.00
V_CMP_10_SYNC_DSASP 323788	21.16 0.43 0.00	18.70 0.43 0.00	16.40 0.33 0.00	15.29 0.22 0.00	14.28 0.21 0.00	15.61 0.19 0.00	14.55 0.20 0.00	17.44 0.35 0.00	18.16 0.46 0.00	16.69 0.44 0.00	17.80 0.45 0.00	17.95 0.43 0.00	19.60 0.44 0.00	24.41 0.66 0.00	27.08 0.74 0.00	27.12 0.91 0.00	41.57 1.48 0.00	32.59 1.33 0.00	30.04 0.97 0.00	24.39 0.51 0.00	21.54 0.46 0.00	24.68 0.57 0.00	32.41 0.75 0.00	31.94 0.70 0.00
V_E_10_SYNC_DSASP 323830	22.13 1.39 0.00	19.34 1.08 0.00	17.00 0.94 0.00	15.88 0.81 0.00	14.77 0.71 0.00	16.25 0.84 0.00	15.15 0.80 0.00	18.12 1.03 0.00	18.73 1.03 0.00	17.11 0.85 0.00	18.29 0.94 0.00	18.49 0.97 0.00	20.23 1.07 0.00	24.98 1.23 0.00	27.83 1.49 0.00	27.77 1.56 0.00	42.76 2.68 0.00	33.55 2.29 0.00	31.31 2.24 0.00	25.88 1.99 0.00	22.83 1.76 0.00	26.12 2.02 0.00	34.08 2.42 0.00	33.17 1.93 0.00
V_F_30_NSYNC___DSASP 323816	21.91 1.18 0.00	19.33 1.06 0.00	17.06 0.99 0.00	16.02 0.95 0.00	14.96 0.90 0.00	16.39 0.98 0.00	15.24 0.89 0.00	18.05 0.97 0.00	18.62 0.93 0.00	17.08 0.82 0.00	18.22 0.87 0.00	18.43 0.91 0.00	20.13 0.97 0.00	25.00 1.26 0.00	27.60 1.26 0.00	27.64 1.43 0.00	42.25 2.17 0.00	33.03 1.78 0.00	30.93 1.86 0.00	25.33 1.44 0.00	22.39 1.32 0.00	25.59 1.48 0.00	33.62 1.96 0.00	33.15 1.91 0.00
V_F_30_SYNC_DSASP 323786	21.16 0.43 0.00	18.70 0.43 0.00	16.50 0.43 0.00	15.50 0.44 0.00	14.51 0.44 0.00	15.86 0.44 0.00	14.79 0.44 0.00	17.46 0.37 0.00	18.01 0.32 0.00	16.54 0.28 0.00	17.67 0.32 0.00	17.89 0.37 0.00	19.56 0.39 0.00	24.35 0.60 0.00	26.95 0.61 0.00	26.99 0.78 0.00	41.14 1.05 0.00	32.07 0.81 0.00	30.03 0.96 0.00	24.64 0.76 0.00	21.77 0.70 0.00	24.89 0.78 0.00	32.68 1.02 0.00	32.07 0.83 0.00
V_XM_10_SYNC_DSASP 323789	21.16 0.43 0.00	18.70 0.43 0.00	16.40 0.33 0.00	15.29 0.22 0.00	14.28 0.21 0.00	15.61 0.19 0.00	14.55 0.20 0.00	17.44 0.35 0.00	18.16 0.46 0.00	16.69 0.44 0.00	17.80 0.45 0.00	17.95 0.43 0.00	19.60 0.44 0.00	24.41 0.66 0.00	27.08 0.74 0.00	27.12 0.91 0.00	41.57 1.48 0.00	32.59 1.33 0.00	30.04 0.97 0.00	24.39 0.51 0.00	21.54 0.46 0.00	24.68 0.57 0.00	32.41 0.75 0.00	31.94 0.70 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	21.85 1.13 0.00	19.22 0.96 0.00	16.93 0.86 0.00	15.90 0.83 0.00	14.82 0.76 0.00	16.21 0.79 0.00	15.09 0.74 0.00	17.96 0.87 0.00	18.60 0.90 0.00	17.14 0.88 0.00	18.40 1.05 0.00	18.71 1.20 0.00	20.48 1.32 0.00	25.46 1.71 0.00	28.32 1.98 0.00	28.30 2.09 0.00	43.00 2.91 0.00	33.47 2.21 0.00	31.32 2.26 0.00	25.75 1.87 0.00	22.73 1.66 0.00	25.93 1.83 0.00	34.03 2.37 0.00	33.26 2.02 0.00

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	21.90 1.17 0.00	19.29 1.02 0.00	16.99 0.93 0.00	15.96 0.90 0.00	14.89 0.83 0.00	16.28 0.87 0.00	15.14 0.80 0.00	18.02 0.93 0.00	18.67 0.98 0.00	17.22 0.96 0.00	18.51 1.15 0.00	18.83 1.31 0.00	20.56 1.39 0.00	25.52 1.77 0.00	28.37 2.03 0.00	28.36 2.14 0.00	42.99 2.91 0.00	33.45 2.19 0.00	31.39 2.32 0.00	25.84 1.95 0.00	22.81 1.74 0.00	26.04 1.94 0.00	34.14 2.48 0.00	33.33 2.10 0.00
W50THST__13_KV_LOAD 356117	21.99 1.26 0.00	19.37 1.10 0.00	17.06 0.99 0.00	16.03 0.96 0.00	14.95 0.89 0.00	16.35 0.93 0.00	15.21 0.86 0.00	18.10 1.01 0.00	18.76 1.07 0.00	17.31 1.05 0.00	18.61 1.25 0.00	18.93 1.41 0.00	20.68 1.52 0.00	25.68 1.93 0.00	28.55 2.21 0.00	28.54 2.33 0.00	43.30 3.22 0.00	33.68 2.42 0.00	31.60 2.53 0.00	26.02 2.14 0.00	22.97 1.90 0.00	26.22 2.12 0.00	34.38 2.72 0.00	33.56 2.32 0.00
WADING RIVER_IC_1 23522	21.90 1.17 0.00	19.37 1.11 0.00	17.00 0.94 0.00	15.92 0.85 0.00	14.88 0.82 0.00	16.42 1.00 0.00	15.29 0.95 0.00	17.99 0.91 0.00	18.49 0.79 0.00	17.05 0.79 0.00	28.23 1.00 -9.87	29.28 1.15 -10.62	31.35 1.22 -10.97	35.22 1.62 -9.85	29.35 1.88 -1.13	28.13 1.92 0.00	42.27 2.18 0.00	32.82 1.56 0.00	30.99 1.92 0.00	25.69 1.81 0.00	24.38 1.86 -1.45	57.59 1.97 -31.52	45.51 2.44 -11.40	41.35 2.11 -8.00
WADING RIVER_IC_2 23547	21.90 1.17 0.00	19.37 1.11 0.00	17.00 0.94 0.00	15.92 0.85 0.00	14.88 0.82 0.00	16.42 1.00 0.00	15.29 0.95 0.00	17.99 0.91 0.00	18.49 0.79 0.00	17.05 0.79 0.00	28.23 1.00 -9.87	29.28 1.15 -10.62	31.35 1.22 -10.97	35.22 1.62 -9.85	29.35 1.88 -1.13	28.13 1.92 0.00	42.27 2.18 0.00	32.82 1.56 0.00	30.99 1.92 0.00	25.69 1.81 0.00	24.38 1.86 -1.45	57.59 1.97 -31.52	45.51 2.44 -11.40	41.35 2.11 -8.00
WADING RIVER_IC_3 23601	21.90 1.17 0.00	19.37 1.11 0.00	17.00 0.94 0.00	15.92 0.85 0.00	14.88 0.82 0.00	16.42 1.00 0.00	15.29 0.95 0.00	17.99 0.91 0.00	18.49 0.79 0.00	17.05 0.79 0.00	28.23 1.00 -9.87	29.28 1.15 -10.62	31.35 1.22 -10.97	35.22 1.62 -9.85	29.35 1.88 -1.13	28.13 1.92 0.00	42.27 2.18 0.00	32.82 1.56 0.00	30.99 1.92 0.00	25.69 1.81 0.00	24.38 1.86 -1.45	57.59 1.97 -31.52	45.51 2.44 -11.40	41.35 2.11 -8.00
WALDENNY_12_KV_BK2 80841	20.42 -0.31 0.00	17.77 -0.50 0.00	15.59 -0.47 0.00	14.60 -0.47 0.00	13.62 -0.45 0.00	15.01 -0.41 0.00	13.95 -0.40 0.00	16.77 -0.31 0.00	17.47 -0.23 0.00	16.09 -0.17 0.00	17.19 -0.16 0.00	17.44 -0.08 0.00	19.24 0.08 0.00	23.63 -0.11 0.00	26.21 -0.13 0.00	25.70 -0.51 0.00	39.20 -0.89 0.00	30.59 -0.66 0.00	28.42 -0.65 0.00	23.49 -0.40 0.00	20.64 -0.43 0.00	23.80 -0.30 0.00	30.99 -0.67 0.00	30.88 -0.36 0.00
WALDEN__HYDRO 24148	21.87 1.14 0.00	19.24 0.97 0.00	16.94 0.87 0.00	15.90 0.83 0.00	14.83 0.76 0.00	16.22 0.80 0.00	15.09 0.74 0.00	17.95 0.87 0.00	18.60 0.90 0.00	17.14 0.88 0.00	18.37 1.02 0.00	18.63 1.12 0.00	20.36 1.20 0.00	25.30 1.55 0.00	28.13 1.79 0.00	28.14 1.92 0.00	42.79 2.70 0.00	33.37 2.12 0.00	31.27 2.20 0.00	25.76 1.88 0.00	22.78 1.71 0.00	25.99 1.89 0.00	34.08 2.41 0.00	33.29 2.05 0.00
WARRENSBURG____ 23737	22.21 1.48 0.00	19.58 1.31 0.00	17.28 1.21 0.00	16.21 1.14 0.00	15.12 1.05 0.00	16.57 1.15 0.00	15.39 1.04 0.00	18.24 1.16 0.00	18.84 1.15 0.00	17.29 1.03 0.00	18.36 1.00 0.00	18.58 1.06 0.00	20.23 1.07 0.00	24.98 1.23 0.00	27.42 1.09 0.00	27.46 1.25 0.00	42.10 2.01 0.00	33.10 1.84 0.00	30.93 1.86 0.00	25.21 1.32 0.00	22.35 1.28 0.00	25.53 1.43 0.00	33.56 1.90 0.00	33.46 2.22 0.00
WATERSIDE____6 8 9 23538	21.87 1.14 0.00	19.28 1.01 0.00	16.99 0.92 0.00	15.96 0.89 0.00	14.88 0.82 0.00	16.27 0.85 0.00	15.13 0.78 0.00	17.99 0.91 0.00	18.66 0.96 0.00	17.21 0.95 0.00	18.50 1.15 0.00	18.80 1.28 0.00	20.53 1.37 0.00	25.48 1.74 0.00	28.32 1.98 0.00	28.33 2.12 0.00	42.99 2.90 0.00	33.45 2.19 0.00	31.40 2.33 0.00	25.86 1.98 0.00	22.82 1.75 0.00	26.06 1.96 0.00	34.16 2.50 0.00	33.33 2.09 0.00
WATKINRD_115KV_LN8_ILLION 55919	20.78 0.05 0.00	18.29 0.02 0.00	16.13 0.06 0.00	15.15 0.09 0.00	14.15 0.09 0.00	15.51 0.09 0.00	14.44 0.09 0.00	17.13 0.05 0.00	17.67 -0.02 0.00	16.22 -0.04 0.00	17.32 -0.03 0.00	17.51 -0.01 0.00	19.15 -0.02 0.00	23.78 0.03 0.00	26.36 0.02 0.00	26.34 0.13 0.00	40.27 0.18 0.00	31.41 0.16 0.00	29.41 0.34 0.00	24.13 0.24 0.00	21.28 0.21 0.00	24.33 0.23 0.00	31.91 0.25 0.00	31.41 0.17 0.00
WATSON____69_KV_BK 1 55734	22.33 1.60 0.00	19.68 1.41 0.00	17.29 1.23 0.00	16.20 1.13 0.00	15.14 1.07 0.00	16.62 1.20 0.00	15.46 1.11 0.00	18.28 1.19 0.00	18.90 1.20 0.00	17.44 1.18 0.00	28.71 1.48 -9.87	29.77 1.64 -10.62	31.89 1.76 -10.97	35.87 2.26 -9.85	29.99 2.51 -1.13	28.76 2.54 0.00	43.20 3.13 0.02	33.43 2.21 0.04	31.57 2.50 0.00	26.21 2.32 0.00	24.86 2.35 -1.45	58.15 2.53 -31.52	46.27 3.20 -11.40	42.13 2.89 -8.00
WDELAWARE__HYD 323627	21.25 0.52 0.00	18.68 0.41 0.00	16.44 0.37 0.00	15.43 0.36 0.00	14.38 0.31 0.00	15.74 0.32 0.00	14.63 0.28 0.00	17.43 0.35 0.00	18.07 0.37 0.00	16.63 0.37 0.00	17.82 0.46 0.00	18.07 0.56 0.00	19.74 0.58 0.00	24.53 0.78 0.00	27.27 0.93 0.00	27.30 1.09 0.00	41.57 1.49 0.00	32.49 1.23 0.00	30.46 1.39 0.00	25.08 1.19 0.00	22.15 1.08 0.00	25.27 1.17 0.00	33.11 1.45 0.00	32.32 1.08 0.00
WEST BABYLON__IC 23714	22.27 1.54 0.00	19.62 1.35 0.00	17.25 1.18 0.00	16.15 1.09 0.00	15.12 1.06 0.00	16.59 1.17 0.00	15.42 1.08 0.00	18.25 1.16 0.00	18.89 1.19 0.00	17.42 1.17 0.00	28.68 1.46 -9.87	29.75 1.62 -10.62	31.86 1.73 -10.97	35.78 2.18 -9.85	29.87 2.40 -1.13	28.62 2.41 0.00	43.01 2.97 0.04	33.28 2.12 0.09	31.48 2.41 0.00	26.13 2.24 0.00	24.75 2.24 -1.45	58.05 2.43 -31.52	46.14 3.08 -11.40	42.04 2.80 -8.00
WEST CANADA__HYD 24049	20.77 0.04 0.00	18.30 0.04 0.00	16.10 0.03 0.00	15.11 0.04 0.00	14.10 0.04 0.00	15.45 0.04 0.00	14.38 0.03 0.00	17.12 0.04 0.00	17.73 0.03 0.00	16.27 0.02 0.00	17.37 0.02 0.00	17.55 0.03 0.00	19.20 0.04 0.00	23.80 0.05 0.00	26.39 0.05 0.00	26.29 0.08 0.00	40.16 0.08 0.00	31.32 0.06 0.00	29.18 0.11 0.00	23.98 0.09 0.00	21.15 0.08 0.00	24.18 0.07 0.00	31.76 0.09 0.00	31.33 0.09 0.00
WESTERN_NY_WIND 24143	20.65 -0.09 0.00	17.99 -0.27 0.00	15.78 -0.29 0.00	14.77 -0.29 0.00	13.79 -0.28 0.00	15.19 -0.23 0.00	14.11 -0.24 0.00	16.94 -0.14 0.00	17.65 -0.04 0.00	16.19 -0.06 0.00	17.25 -0.11 0.00	17.50 -0.01 0.00	19.28 0.12 0.00	23.75 0.00 0.00	26.25 -0.09 0.00	25.80 -0.41 0.00	39.51 -0.58 0.00	30.99 -0.26 0.00	28.85 -0.22 0.00	23.85 -0.04 0.00	20.98 -0.09 0.00	24.13 0.03 0.00	31.39 -0.27 0.00	31.23 -0.01 0.00

WESTOVER___LESR 323668	20.90 0.17 0.00	18.31 0.04 0.00	16.14 0.07 0.00	15.14 0.07 0.00	14.11 0.05 0.00	15.50 0.08 0.00	14.44 0.09 0.00	17.27 0.19 0.00	17.88 0.18 0.00	16.41 0.16 0.00	17.56 0.20 0.00	17.76 0.25 0.00	19.46 0.30 0.00	24.03 0.28 0.00	26.76 0.42 0.00	26.58 0.37 0.00	40.55 0.47 0.00	31.60 0.34 0.00	29.43 0.36 0.00	24.22 0.34 0.00	21.32 0.25 0.00	24.42 0.32 0.00	32.03 0.37 0.00	31.65 0.41 0.00
WETHRSFD_WT_PWR 323626	20.45 -0.28 0.00	17.76 -0.50 0.00	15.55 -0.51 0.00	14.55 -0.52 0.00	13.59 -0.48 0.00	15.02 -0.40 0.00	13.94 -0.41 0.00	16.73 -0.35 0.00	17.39 -0.31 0.00	16.06 -0.20 0.00	17.20 -0.15 0.00	17.45 -0.06 0.00	19.23 0.07 0.00	23.66 -0.09 0.00	26.27 -0.07 0.00	25.76 -0.45 0.00	39.17 -0.91 0.00	30.47 -0.79 0.00	28.33 -0.74 0.00	23.41 -0.48 0.00	20.58 -0.49 0.00	23.79 -0.32 0.00	31.09 -0.57 0.00	30.85 -0.39 0.00
WHAVSTOR_138KV_BK127 55557	21.75 1.02 0.00	19.14 0.87 0.00	16.86 0.79 0.00	15.83 0.76 0.00	14.76 0.69 0.00	16.15 0.73 0.00	15.02 0.67 0.00	17.88 0.79 0.00	18.52 0.82 0.00	17.06 0.80 0.00	18.31 0.96 0.00	18.61 1.10 0.00	20.36 1.20 0.00	25.31 1.56 0.00	28.14 1.80 0.00	28.13 1.92 0.00	42.71 2.63 0.00	33.25 1.99 0.00	31.12 2.05 0.00	25.60 1.71 0.00	22.59 1.52 0.00	25.78 1.67 0.00	33.83 2.17 0.00	33.09 1.85 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	21.75 1.02 0.00	19.14 0.87 0.00	16.86 0.79 0.00	15.83 0.76 0.00	14.76 0.69 0.00	16.15 0.73 0.00	15.02 0.67 0.00	17.88 0.79 0.00	18.52 0.82 0.00	17.06 0.80 0.00	18.31 0.96 0.00	18.61 1.10 0.00	20.36 1.20 0.00	25.31 1.56 0.00	28.14 1.80 0.00	28.13 1.92 0.00	42.71 2.63 0.00	33.25 1.99 0.00	31.12 2.05 0.00	25.60 1.71 0.00	22.59 1.52 0.00	25.78 1.67 0.00	33.83 2.17 0.00	33.09 1.85 0.00
WHITEHAL_115KV_TB1 80871	22.79 2.06 0.00	20.09 1.82 0.00	17.80 1.73 0.00	16.62 1.55 0.00	15.43 1.37 0.00	16.92 1.51 0.00	15.63 1.29 0.00	18.49 1.41 0.00	19.09 1.40 0.00	17.53 1.27 0.00	18.70 1.35 0.00	18.92 1.41 0.00	20.65 1.49 0.00	25.69 1.94 0.00	28.33 1.99 0.00	28.57 2.36 0.00	43.26 3.18 0.00	34.12 2.87 0.00	31.81 2.74 0.00	25.70 1.81 0.00	22.82 1.75 0.00	25.97 1.87 0.00	34.26 2.60 0.00	34.03 2.79 0.00
WHITEPLN_13_KV_LOAD 356215	22.01 1.28 0.00	19.37 1.11 0.00	17.07 1.00 0.00	16.03 0.95 0.00	14.94 0.88 0.00	16.35 0.93 0.00	15.21 0.86 0.00	18.09 1.01 0.00	18.75 1.05 0.00	17.29 1.04 0.00	18.58 1.23 0.00	18.89 1.37 0.00	20.64 1.48 0.00	25.65 1.90 0.00	28.51 2.17 0.00	28.50 2.29 0.00	43.27 3.18 0.00	33.68 2.43 0.00	31.58 2.51 0.00	25.99 2.10 0.00	22.95 1.88 0.00	26.18 2.08 0.00	34.33 2.67 0.00	33.53 2.29 0.00
WM_FLOYD_69_KV_BK2 356380	22.06 1.33 0.00	19.48 1.21 0.00	17.11 1.05 0.00	16.03 0.96 0.00	14.97 0.91 0.00	16.48 1.07 0.00	15.35 1.00 0.00	18.09 1.00 0.00	18.63 0.93 0.00	17.19 0.93 0.00	28.37 1.14 -9.87	29.42 1.29 -10.62	31.51 1.38 -10.97	35.41 1.81 -9.85	29.55 2.08 -1.13	28.33 2.12 0.00	42.59 2.51 0.00	33.08 1.82 0.00	31.23 2.17 0.00	25.90 2.01 0.00	24.58 2.06 -1.45	57.82 2.20 -31.52	45.82 2.75 -11.40	41.64 2.40 -8.00
WOODARD__115KV_TB2 355635	20.56 -0.17 0.00	18.06 -0.21 0.00	15.88 -0.18 0.00	14.89 -0.18 0.00	13.89 -0.17 0.00	15.25 -0.17 0.00	14.18 -0.16 0.00	16.92 -0.16 0.00	17.55 -0.15 0.00	16.11 -0.15 0.00	17.18 -0.18 0.00	17.35 -0.16 0.00	19.00 -0.16 0.00	23.50 -0.25 0.00	26.06 -0.28 0.00	25.94 -0.28 0.00	39.64 -0.45 0.00	30.93 -0.33 0.00	28.79 -0.28 0.00	23.67 -0.22 0.00	20.86 -0.21 0.00	23.87 -0.23 0.00	31.30 -0.36 0.00	30.98 -0.26 0.00
YORK___WARBASSE 23770	21.98 1.25 0.00	19.35 1.09 0.00	17.05 0.98 0.00	16.01 0.95 0.00	14.93 0.86 0.00	16.32 0.91 0.00	15.18 0.83 0.00	18.06 0.98 0.00	18.73 1.03 0.00	17.28 1.02 0.00	18.57 1.22 0.00	18.88 1.36 0.00	20.61 1.45 0.00	25.58 1.84 0.00	28.44 2.10 0.00	28.44 2.23 0.00	43.01 2.93 0.00	33.49 2.23 0.00	31.45 2.38 0.00	25.94 2.05 0.00	22.90 1.83 0.00	26.14 2.04 0.00	34.25 2.59 0.00	33.42 2.18 0.00