

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/24/2023

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	20.14	19.77	19.84	19.82	20.05	21.83	23.67	29.19	24.16	23.58	25.78	27.34	26.75	27.37	31.74	27.13	29.97	37.76	71.18	35.62	31.29	27.16	22.27	20.72
24138	1.16	1.09	1.05	1.10	1.18	1.46	1.70	2.20	1.70	1.70	1.90	2.09	2.10	2.05	2.56	2.19	2.25	2.69	5.31	2.70	2.45	2.12	1.65	1.42
	0.00	0.00	0.00	0.00	0.00	-0.10	0.00	0.00	0.00	0.00	-0.16	-0.25	-0.23	-0.24	-0.50	-0.20	-0.33	0.00	0.00	0.00	0.00	-0.03	0.00	-0.87
74TH STREET_GT_1	20.18	19.80	19.87	19.85	20.08	21.85	23.70	29.20	24.19	23.56	25.76	27.31	26.73	27.36	31.71	27.11	29.95	37.75	71.22	35.66	31.34	27.18	22.28	20.74
24260	1.19	1.13	1.08	1.13	1.21	1.47	1.73	2.21	1.72	1.69	1.88	2.06	2.08	2.04	2.53	2.17	2.23	2.69	5.35	2.74	2.50	2.14	1.66	1.43
	0.00	0.00	0.00	0.00	0.00	-0.10	0.00	0.00	0.00	0.00	-0.16	-0.25	-0.23	-0.24	-0.50	-0.20	-0.33	0.00	0.00	0.00	0.00	-0.03	0.00	-0.87
74TH STREET_GT_2	20.18	19.80	19.87	19.85	20.08	21.85	23.70	29.20	24.19	23.56	25.76	27.31	26.73	27.36	31.71	27.11	29.95	37.75	71.22	35.66	31.34	27.18	22.28	20.74
24261	1.19	1.13	1.08	1.13	1.21	1.47	1.73	2.21	1.72	1.69	1.88	2.06	2.08	2.04	2.53	2.17	2.23	2.69	5.35	2.74	2.50	2.14	1.66	1.43
	0.00	0.00	0.00	0.00	0.00	-0.10	0.00	0.00	0.00	0.00	-0.16	-0.25	-0.23	-0.24	-0.50	-0.20	-0.33	0.00	0.00	0.00	0.00	-0.03	0.00	-0.87
ADK HUDSON___FALLS	19.88	19.55	19.71	19.70	20.08	21.82	23.63	29.14	24.25	23.45	25.25	26.55	25.91	26.59	30.34	26.38	28.91	37.41	70.75	35.34	30.87	26.74	21.96	20.64
24011	0.89	0.88	0.92	0.98	1.20	1.42	1.67	2.15	1.79	1.58	1.68	1.78	1.72	1.74	2.13	1.83	1.82	2.34	4.87	2.42	2.03	1.70	1.35	1.13
	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	0.00	0.00	0.00	0.15	0.23	0.22	0.23	0.47	0.19	0.30	0.00	0.00	0.00	0.00	-0.03	0.00	-1.08
ADK RESOURCE___RCVRY	19.94	19.63	19.76	19.77	20.16	21.91	23.76	29.30	24.42	23.58	25.39	26.74	26.08	26.79	30.58	26.58	29.12	37.70	71.41	35.67	31.12	26.97	22.16	20.79
23798	0.96	0.96	0.97	1.04	1.28	1.51	1.79	2.30	1.96	1.70	1.83	1.97	1.89	1.94	2.37	2.02	2.02	2.64	5.54	2.75	2.28	1.93	1.55	1.28
	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	0.00	0.00	0.00	0.15	0.23	0.21	0.22	0.46	0.18	0.30	0.00	0.00	0.00	0.00	-0.03	0.00	-1.08
ADK S GLENS___FALLS	19.88	19.55	19.71	19.70	20.08	21.82	23.63	29.14	24.25	23.45	25.25	26.55	25.91	26.59	30.34	26.38	28.91	37.41	70.75	35.34	30.87	26.74	21.96	20.64
24028	0.89	0.88	0.92	0.98	1.20	1.42	1.67	2.15	1.79	1.58	1.68	1.78	1.72	1.74	2.13	1.83	1.82	2.34	4.87	2.42	2.03	1.70	1.35	1.13
	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	0.00	0.00	0.00	0.15	0.23	0.22	0.23	0.47	0.19	0.30	0.00	0.00	0.00	0.00	-0.03	0.00	-1.08
ADK_NYS___DAM	19.80	19.50	19.55	19.56	19.81	21.49	23.19	28.19	23.44	22.82	24.32	25.36	24.78	25.47	28.67	25.11	27.42	36.26	68.63	34.29	29.99	26.17	21.54	20.40
23527	0.82	0.82	0.76	0.84	0.93	1.10	1.23	1.19	0.98	0.94	1.05	1.05	1.01	1.07	1.38	0.91	0.93	1.19	2.76	1.37	1.15	1.13	0.92	0.92
	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	0.00	0.00	0.00	0.45	0.70	0.64	0.67	1.38	0.55	0.90	0.00	0.00	0.00	0.00	-0.03	0.00	-1.04
AIR_PRODUCTS___DRP	19.18	18.87	18.97	18.95	19.15	20.85	22.43	27.53	22.90	22.14	23.87	25.08	24.52	25.15	28.69	24.94	27.46	35.56	67.03	33.50	29.39	25.47	20.96	19.80
24190	0.19	0.20	0.18	0.22	0.27	0.45	0.47	0.53	0.44	0.26	0.32	0.33	0.33	0.31	0.49	0.39	0.38	0.49	1.16	0.58	0.55	0.43	0.34	0.31
	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	0.00	0.00	0.00	0.16	0.24	0.23	0.24	0.49	0.19	0.32	0.00	0.00	0.00	0.00	-0.03	0.00	-1.06
AKWESSNE_115KV_BK	18.89	18.65	18.78	18.69	18.77	20.08	21.66	26.60	22.17	21.66	23.48	24.74	24.18	24.83	28.30	24.45	27.15	34.77	65.27	32.51	28.39	24.59	20.34	18.24
355683	-0.10	-0.03	-0.01	-0.04	-0.10	-0.19	-0.30	-0.39	-0.29	-0.21	-0.23	-0.26	-0.23	-0.25	-0.37	-0.30	-0.25	-0.30	-0.61	-0.41	-0.45	-0.42	-0.28	-0.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.18	18.87	18.97	18.95	19.15	20.85	22.43	27.53	22.90	22.14	23.87	25.08	24.52	25.15	28.69	24.94	27.46	35.56	67.03	33.50	29.39	25.47	20.96	19.80
23571	0.19	0.20	0.18	0.22	0.27	0.45	0.47	0.53	0.44	0.26	0.32	0.33	0.33	0.31	0.49	0.39	0.38	0.49	1.16	0.58	0.55	0.43	0.34	0.31
	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	0.00	0.00	0.00	0.16	0.24	0.23	0.24	0.49	0.19	0.32	0.00	0.00	0.00	0.00	-0.03	0.00	-1.06
ALBANY___2	19.18	18.87	18.97	18.95	19.15	20.85	22.43	27.53	22.90	22.14	23.87	25.08	24.52	25.15	28.69	24.94	27.46	35.56	67.03	33.50	29.39	25.47	20.96	19.80
23572	0.19	0.20	0.18	0.22	0.27	0.45	0.47	0.53	0.44	0.26	0.32	0.33	0.33	0.31	0.49	0.39	0.38	0.49	1.16	0.58	0.55	0.43	0.34	0.31
	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	0.00	0.00	0.00	0.16	0.24	0.23	0.24	0.49	0.19	0.32	0.00	0.00	0.00	0.00	-0.03	0.00	-1.06
ALBANY___3	19.18	18.87	18.97	18.95	19.15	20.85	22.43	27.53	22.90	22.14	23.87	25.08	24.52	25.15	28.69	24.94	27.46	35.56	67.03	33.50	29.39	25.47	20.96	19.80
23573	0.19	0.20	0.18	0.22	0.27	0.45	0.47	0.53	0.44	0.26	0.32	0.33	0.33	0.31	0.49	0.39	0.38	0.49	1.16	0.58	0.55	0.43	0.34	0.31
	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	0.00	0.00	0.00	0.16	0.24	0.23	0.24	0.49	0.19	0.32	0.00	0.00	0.00	0.00	-0.03	0.00	-1.06

ALBANY___4 23574	19.18 0.19 0.00	18.87 0.20 0.00	18.97 0.18 0.00	18.95 0.22 0.00	19.15 0.27 0.00	20.85 0.45 -0.13	22.43 0.47 0.00	27.53 0.53 0.00	22.90 0.44 0.00	22.14 0.26 0.00	23.87 0.32 0.16	25.08 0.33 0.24	24.52 0.33 0.23	25.15 0.31 0.24	28.69 0.49 0.49	24.94 0.39 0.19	27.46 0.38 0.32	35.56 0.49 0.00	67.03 1.16 0.00	33.50 0.58 0.00	29.39 0.55 0.00	25.47 0.43 -0.03	20.96 0.34 0.00	19.80 0.31 -1.06
ALBANY___LFGE 323615	19.36 0.38 0.00	19.05 0.37 0.00	19.15 0.36 0.00	19.14 0.41 0.00	19.34 0.46 0.00	21.04 0.64 -0.13	22.67 0.70 0.00	27.85 0.85 0.00	23.17 0.71 0.00	22.42 0.54 0.00	24.16 0.62 0.16	25.39 0.65 0.25	24.81 0.63 0.24	25.46 0.63 0.24	29.03 0.86 0.50	25.25 0.70 0.20	27.80 0.73 0.33	36.01 0.95 0.00	67.90 2.02 0.00	33.93 1.01 0.00	29.74 0.90 0.00	25.77 0.73 -0.03	21.20 0.58 0.00	20.01 0.52 -1.06
ALCOA_PA_115KV_PL-6C 55860	18.98 0.00 0.00	18.75 0.07 0.00	18.87 0.08 0.00	18.78 0.06 0.00	18.87 -0.01 0.00	20.16 -0.11 0.00	21.72 -0.24 0.00	26.66 -0.33 0.00	22.21 -0.25 0.00	21.71 -0.17 0.00	23.53 -0.19 0.00	24.79 -0.21 0.00	24.24 -0.17 0.00	24.86 -0.22 0.00	28.33 -0.35 0.00	24.48 -0.27 0.00	27.18 -0.22 0.00	34.84 -0.23 0.00	65.40 -0.47 0.00	32.55 -0.37 0.00	28.42 -0.42 0.00	24.63 -0.38 0.00	20.40 -0.22 0.00	18.31 -0.12 0.00
ALCOA_RYNLDS___DRP 24188	18.98 0.00 0.00	18.75 0.07 0.00	18.87 0.08 0.00	18.78 0.06 0.00	18.87 -0.01 0.00	20.16 -0.11 0.00	21.72 -0.24 0.00	26.66 -0.33 0.00	22.21 -0.25 0.00	21.71 -0.17 0.00	23.53 -0.19 0.00	24.79 -0.21 0.00	24.24 -0.17 0.00	24.86 -0.22 0.00	28.33 -0.35 0.00	24.48 -0.27 0.00	27.18 -0.22 0.00	34.84 -0.23 0.00	65.40 -0.47 0.00	32.55 -0.37 0.00	28.42 -0.42 0.00	24.63 -0.38 0.00	20.40 -0.22 0.00	18.31 -0.12 0.00
ALCOA___DSASP 323711	18.98 0.00 0.00	18.75 0.07 0.00	18.87 0.08 0.00	18.78 0.06 0.00	18.87 -0.01 0.00	20.16 -0.11 0.00	21.72 -0.24 0.00	26.67 -0.33 0.00	22.21 -0.25 0.00	21.71 -0.17 0.00	23.53 -0.18 0.00	24.79 -0.21 0.00	24.24 -0.17 0.00	24.85 -0.22 0.00	28.33 -0.34 0.00	24.48 -0.27 0.00	27.18 -0.21 0.00	34.84 -0.23 0.00	65.40 -0.47 0.00	32.55 -0.37 0.00	28.42 -0.42 0.00	24.63 -0.38 0.00	20.40 -0.22 0.00	18.31 -0.12 0.00
ALLEGHENY___COGEN 23514	19.14 0.15 0.00	18.71 0.03 0.00	19.07 0.28 0.00	18.92 0.19 0.00	19.04 0.16 0.00	20.65 0.35 -0.03	23.10 0.54 -0.60	27.61 0.60 -0.02	23.23 0.77 0.00	22.16 0.28 0.00	23.95 0.24 0.00	25.23 0.23 0.00	24.43 0.01 0.00	25.41 0.34 0.00	28.74 0.07 0.00	24.90 0.15 0.00	27.71 0.31 0.00	35.86 0.79 0.00	68.07 2.20 0.00	34.09 1.17 0.00	29.75 0.91 0.00	26.24 0.50 -0.73	20.96 0.34 0.00	18.85 0.17 -0.26
ALTAMONT_115KV_TB 2 55880	19.47 0.48 0.00	19.15 0.47 0.00	19.26 0.47 0.00	19.23 0.51 0.00	19.42 0.55 0.00	21.05 0.66 -0.13	22.73 0.76 0.00	27.98 0.98 0.00	23.21 0.75 0.00	22.52 0.64 0.00	24.33 0.71 0.10	25.59 0.74 0.15	25.00 0.73 0.14	25.64 0.71 0.14	29.31 0.93 0.30	25.40 0.77 0.12	27.99 0.79 0.19	36.05 0.99 0.00	67.94 2.07 0.00	33.98 1.06 0.00	29.82 0.99 0.00	25.87 0.83 -0.03	21.28 0.67 0.00	20.09 0.60 -1.06
ALTONA_WT_PWR 323606	19.37 0.39 0.00	19.42 0.74 0.00	19.47 0.68 0.00	19.30 0.57 0.00	19.29 0.41 0.00	20.51 0.24 0.00	21.97 0.00 0.00	26.75 -0.25 0.00	22.71 0.25 0.00	21.99 0.11 0.00	23.80 0.09 0.00	25.22 0.22 0.00	24.73 0.32 0.00	25.45 0.38 0.00	29.05 0.37 0.00	25.03 0.29 0.00	27.82 0.43 0.00	35.71 0.64 0.00	67.37 1.50 0.00	33.20 0.28 0.00	28.90 0.06 0.00	25.02 0.01 0.00	20.83 0.21 0.00	18.90 0.46 0.00
AMERICAN_REF_FUEL 24010	18.07 -0.92 0.00	17.63 -1.04 0.00	17.82 -0.97 0.00	17.64 -1.08 0.00	17.69 -1.18 0.00	19.08 -1.22 -0.03	20.32 -1.51 0.14	24.84 -2.15 0.00	21.16 -1.30 0.00	20.82 -1.05 0.00	22.74 -0.97 0.00	24.02 -0.98 0.00	23.13 -1.29 0.00	24.13 -0.94 0.00	27.13 -1.54 0.00	23.53 -1.22 0.00	26.18 -1.22 0.00	33.33 -1.73 0.00	62.22 -3.66 0.00	31.38 -1.54 0.00	27.48 -1.36 0.00	23.30 -1.54 0.17	19.46 -1.16 0.00	17.59 -1.08 -0.24
ARKWRIGHT___SUMMIT_WT_PWR 323751	18.47 -0.51 0.00	18.12 -0.55 0.00	18.21 -0.58 0.00	18.04 -0.69 0.00	18.17 -0.71 0.00	19.58 -0.72 -0.03	21.06 -0.76 0.15	25.98 -1.01 0.00	22.04 -0.43 0.00	21.74 -0.14 0.00	23.87 0.16 0.00	25.31 0.31 0.00	24.46 0.05 0.00	25.53 0.45 0.00	28.76 0.08 0.00	24.94 0.20 0.00	27.75 0.36 0.00	35.23 0.17 0.00	64.55 -1.33 0.00	32.21 -0.71 0.00	28.15 -0.69 0.00	23.87 -0.97 0.17	19.87 -0.74 0.00	17.88 -0.81 -0.26
ARTHUR_KILL_GT_1 23520	20.10 1.12 0.00	19.76 1.09 0.00	20.06 1.27 0.00	20.09 1.36 -0.01	20.32 1.44 -0.01	22.07 1.69 -0.10	23.86 1.90 0.00	29.19 2.19 0.00	24.15 1.69 0.00	23.51 1.63 0.00	25.63 1.76 -0.16	27.18 1.93 -0.25	26.54 1.89 -0.23	27.18 1.86 -0.24	31.52 2.34 -0.50	26.95 2.01 -0.20	29.74 2.02 -0.33	37.29 2.44 0.22	53.06 4.79 17.61	34.40 2.51 1.03	31.38 2.54 0.00	27.14 2.11 -0.03	22.25 1.64 0.00	20.73 1.43 -0.87
ARTHUR_KILL_2 23512	20.05 1.07 0.00	19.71 1.04 0.00	20.01 1.22 0.00	20.04 1.31 -0.01	20.27 1.39 -0.01	22.01 1.64 -0.10	23.80 1.83 0.00	29.10 2.11 0.00	24.08 1.62 0.00	23.44 1.57 0.00	25.57 1.69 -0.16	27.12 1.86 -0.25	26.48 1.84 -0.23	27.12 1.81 -0.24	31.45 2.27 -0.50	26.89 1.95 -0.20	29.66 1.94 -0.33	37.18 2.34 0.22	52.88 4.61 17.61	34.30 2.41 1.03	31.30 2.46 0.00	27.08 2.04 -0.03	22.20 1.58 0.00	20.69 1.39 -0.87
ARTHUR_KILL_3 23513	20.00 1.01 0.00	19.63 0.96 0.00	19.69 0.90 0.00	19.66 0.94 0.00	19.88 1.01 0.00	21.64 1.26 -0.10	23.44 1.48 0.00	28.91 1.92 0.00	23.91 1.45 0.00	23.30 1.42 0.00	25.47 1.60 -0.16	27.00 1.74 -0.25	26.41 1.77 -0.23	27.03 1.71 -0.24	31.37 2.19 -0.50	26.81 1.87 -0.20	29.61 1.89 -0.33	37.08 2.23 0.22	52.76 4.50 17.61	34.21 2.32 1.03	30.98 2.14 0.00	26.90 1.87 -0.03	22.07 1.46 0.00	20.57 1.27 -0.87
ARTHUR_KILL_COGEN 323718	20.10 1.12 0.00	19.76 1.09 0.00	20.06 1.27 0.00	20.09 1.36 -0.01	20.32 1.44 -0.01	22.07 1.69 -0.10	23.86 1.90 0.00	29.19 2.19 0.00	24.15 1.69 0.00	23.51 1.63 0.00	25.63 1.76 -0.16	27.18 1.93 -0.25	26.54 1.89 -0.23	27.18 1.86 -0.24	31.52 2.34 -0.50	26.95 2.01 -0.20	29.74 2.02 -0.33	37.29 2.44 0.22	53.06 4.79 17.61	34.40 2.51 1.03	31.38 2.54 0.00	27.14 2.11 -0.03	22.25 1.64 0.00	20.73 1.43 -0.87
ASHOKAN____ 23654	19.97 0.99 0.00	19.62 0.95 0.00	19.72 0.93 0.00	19.71 0.98 0.00	19.92 1.05 0.00	21.68 1.29 -0.11	23.47 1.50 0.00	28.98 1.98 0.00	24.00 1.54 0.00	23.20 1.32 0.00	25.33 1.61 0.00	26.72 1.72 0.00	25.80 1.38 0.00	26.55 1.48 0.00	30.55 1.88 0.00	26.27 1.53 0.00	28.98 1.58 0.00	37.10 2.04 0.00	70.31 4.43 0.00	35.17 2.25 0.00	30.82 1.99 0.00	26.67 1.63 -0.03	21.89 1.27 0.00	20.47 1.09 -0.95

ASTORIA_EAST_ENERGY_CC1 323581	19.97 0.99 0.00	19.67 0.99 0.00	19.70 0.91 0.00	19.71 0.99 0.00	19.92 1.04 0.00	21.68 1.30 -0.10	23.45 1.49 0.00	28.93 1.94 0.00	23.95 1.49 0.00	23.33 1.46 0.00	25.57 1.70 -0.16	27.07 1.82 -0.25	26.47 1.83 -0.23	27.11 1.79 -0.24	31.44 2.26 -0.50	26.87 1.92 -0.20	29.59 1.87 -0.33	37.33 2.27 0.00	70.41 4.54 0.00	35.32 2.40 0.00	31.02 2.18 0.00	26.92 1.89 -0.03	22.04 1.43 0.00	20.56 1.25 -0.87
ASTORIA_EAST_ENERGY_CC2 323582	19.97 0.99 0.00	19.66 0.99 0.00	19.70 0.91 0.00	19.71 0.99 0.00	19.92 1.04 0.00	21.68 1.30 -0.10	23.45 1.49 0.00	28.93 1.94 0.00	23.95 1.49 0.00	23.33 1.46 0.00	25.57 1.70 -0.16	27.07 1.82 -0.25	26.47 1.83 -0.23	27.11 1.79 -0.24	31.44 2.26 -0.50	26.87 1.92 -0.20	29.59 1.87 -0.33	37.33 2.27 0.00	70.41 4.54 0.00	35.32 2.40 0.00	31.02 2.18 0.00	26.92 1.89 -0.03	22.04 1.43 0.00	20.56 1.25 -0.87
ASTORIA_GT2_1 24094	19.99 1.00 0.00	19.67 1.00 0.00	19.71 0.92 0.00	19.72 1.00 0.00	19.93 1.05 0.00	21.70 1.32 -0.10	23.45 1.49 0.00	28.94 1.95 0.00	23.96 1.50 0.00	23.34 1.46 0.00	25.58 1.71 -0.16	27.06 1.81 -0.25	26.48 1.84 -0.23	27.12 1.81 -0.24	31.45 2.27 -0.50	26.88 1.93 -0.20	29.61 1.89 -0.33	37.36 2.29 0.00	70.42 4.54 0.00	35.33 2.41 0.00	31.04 2.20 0.00	26.93 1.89 -0.03	22.05 1.43 0.00	20.56 1.26 -0.87
ASTORIA_GT2_2 24095	19.99 1.00 0.00	19.67 1.00 0.00	19.71 0.92 0.00	19.72 1.00 0.00	19.93 1.05 0.00	21.70 1.32 -0.10	23.45 1.49 0.00	28.94 1.95 0.00	23.96 1.50 0.00	23.34 1.46 0.00	25.58 1.71 -0.16	27.06 1.81 -0.25	26.48 1.84 -0.23	27.12 1.81 -0.24	31.45 2.27 -0.50	26.88 1.93 -0.20	29.61 1.89 -0.33	37.36 2.29 0.00	70.42 4.54 0.00	35.33 2.41 0.00	31.04 2.20 0.00	26.93 1.89 -0.03	22.05 1.43 0.00	20.56 1.26 -0.87
ASTORIA_GT2_3 24096	19.99 1.00 0.00	19.67 1.00 0.00	19.71 0.92 0.00	19.72 1.00 0.00	19.93 1.05 0.00	21.70 1.32 -0.10	23.45 1.49 0.00	28.94 1.95 0.00	23.96 1.50 0.00	23.34 1.46 0.00	25.58 1.71 -0.16	27.06 1.81 -0.25	26.48 1.84 -0.23	27.12 1.81 -0.24	31.45 2.27 -0.50	26.88 1.93 -0.20	29.61 1.89 -0.33	37.36 2.29 0.00	70.42 4.54 0.00	35.33 2.41 0.00	31.04 2.20 0.00	26.93 1.89 -0.03	22.05 1.43 0.00	20.56 1.26 -0.87
ASTORIA_GT2_4 24097	19.99 1.00 0.00	19.67 1.00 0.00	19.71 0.92 0.00	19.72 1.00 0.00	19.93 1.05 0.00	21.70 1.32 -0.10	23.45 1.49 0.00	28.94 1.95 0.00	23.96 1.50 0.00	23.34 1.46 0.00	25.58 1.71 -0.16	27.06 1.81 -0.25	26.48 1.84 -0.23	27.12 1.81 -0.24	31.45 2.27 -0.50	26.88 1.93 -0.20	29.61 1.89 -0.33	37.36 2.29 0.00	70.42 4.54 0.00	35.33 2.41 0.00	31.04 2.20 0.00	26.93 1.89 -0.03	22.05 1.43 0.00	20.56 1.26 -0.87
ASTORIA_GT3_1 24098	19.99 1.00 0.00	19.67 1.00 0.00	19.71 0.92 0.00	19.72 1.00 0.00	19.93 1.05 0.00	21.70 1.32 -0.10	23.45 1.49 0.00	28.94 1.95 0.00	23.96 1.50 0.00	23.34 1.46 0.00	25.58 1.71 -0.16	27.06 1.81 -0.25	26.48 1.84 -0.23	27.12 1.81 -0.24	31.45 2.27 -0.50	26.88 1.93 -0.20	29.61 1.89 -0.33	37.36 2.29 0.00	70.42 4.54 0.00	35.33 2.41 0.00	31.04 2.20 0.00	26.93 1.89 -0.03	22.05 1.43 0.00	20.56 1.26 -0.87
ASTORIA_GT3_2 24099	19.99 1.00 0.00	19.67 1.00 0.00	19.71 0.92 0.00	19.72 1.00 0.00	19.93 1.05 0.00	21.70 1.32 -0.10	23.45 1.49 																	

ASTORIA_GT_10 24110	19.99 1.00 0.00	19.63 0.96 0.00	19.69 0.90 0.00	19.69 0.97 0.00	19.91 1.04 0.00	21.69 1.31 -0.10	23.47 1.50 0.00	28.98 1.99 0.00	23.98 1.52 0.00	23.36 1.48 0.00	25.53 1.66 -0.16	27.06 1.80 -0.25	26.47 1.82 -0.23	27.09 1.78 -0.24	31.41 2.23 -0.50	26.85 1.90 -0.20	29.63 1.91 -0.33	37.34 2.28 0.00	70.47 4.59 0.00	35.30 2.38 0.00	31.07 2.24 0.00	26.95 1.91 -0.03	22.08 1.46 0.00	20.58 1.28 -0.87
ASTORIA_GT_11 24225	19.99 1.00 0.00	19.63 0.96 0.00	19.69 0.90 0.00	19.69 0.97 0.00	19.91 1.04 0.00	21.69 1.31 -0.10	23.47 1.50 0.00	28.98 1.99 0.00	23.98 1.52 0.00	23.36 1.48 0.00	25.53 1.66 -0.16	27.06 1.80 -0.25	26.47 1.82 -0.23	27.09 1.78 -0.24	31.41 2.23 -0.50	26.85 1.90 -0.20	29.63 1.91 -0.33	37.34 2.28 0.00	70.47 4.59 0.00	35.30 2.38 0.00	31.07 2.24 0.00	26.95 1.91 -0.03	22.08 1.46 0.00	20.58 1.28 -0.87
ASTORIA_GT_12 24226	19.99 1.00 0.00	19.63 0.96 0.00	19.69 0.90 0.00	19.69 0.97 0.00	19.91 1.04 0.00	21.69 1.31 -0.10	23.47 1.50 0.00	28.98 1.99 0.00	23.98 1.52 0.00	23.36 1.48 0.00	25.53 1.66 -0.16	27.06 1.80 -0.25	26.47 1.82 -0.23	27.09 1.78 -0.24	31.41 2.23 -0.50	26.85 1.90 -0.20	29.63 1.91 -0.33	37.34 2.28 0.00	70.47 4.59 0.00	35.30 2.38 0.00	31.07 2.24 0.00	26.95 1.91 -0.03	22.08 1.46 0.00	20.58 1.28 -0.87
ASTORIA_GT_13 24227	19.99 1.00 0.00	19.63 0.96 0.00	19.69 0.90 0.00	19.69 0.97 0.00	19.91 1.04 0.00	21.69 1.31 -0.10	23.47 1.50 0.00	28.98 1.99 0.00	23.98 1.52 0.00	23.36 1.48 0.00	25.53 1.66 -0.16	27.06 1.80 -0.25	26.47 1.82 -0.23	27.09 1.78 -0.24	31.41 2.23 -0.50	26.85 1.90 -0.20	29.63 1.91 -0.33	37.34 2.28 0.00	70.47 4.59 0.00	35.30 2.38 0.00	31.07 2.24 0.00	26.95 1.91 -0.03	22.08 1.46 0.00	20.58 1.28 -0.87
ASTORIA_GT_5 24106	20.02 1.04 0.00	19.71 1.03 0.00	19.74 0.95 0.00	19.75 1.02 0.00	19.96 1.09 0.00	21.73 1.35 -0.10	23.50 1.53 0.00	28.99 2.00 0.00	24.01 1.55 0.00	23.40 1.52 0.00	25.63 1.76 -0.16	27.13 1.88 -0.25	26.53 1.89 -0.23	27.18 1.86 -0.24	31.51 2.33 -0.50	26.93 1.98 -0.20	29.67 1.95 -0.33	37.44 2.38 0.00	70.60 4.72 0.00	35.41 2.49 0.00	31.09 2.26 0.00	26.99 1.95 -0.03	22.10 1.48 0.00	20.60 1.30 -0.87
ASTORIA_GT_7 24107	20.02 1.04 0.00	19.71 1.03 0.00	19.74 0.95 0.00	19.75 1.02 0.00	19.96 1.09 0.00	21.73 1.35 -0.10	23.50 1.53 0.00	28.99 2.00 0.00	24.01 1.55 0.00	23.40 1.52 0.00	25.63 1.76 -0.16	27.13 1.88 -0.25	26.53 1.89 -0.23	27.18 1.86 -0.24	31.51 2.33 -0.50	26.93 1.98 -0.20	29.67 1.95 -0.33	37.44 2.38 0.00	70.60 4.72 0.00	35.41 2.49 0.00	31.09 2.26 0.00	26.99 1.95 -0.03	22.10 1.48 0.00	20.60 1.30 -0.87
ASTORIA_GT_8 24108	20.02 1.04 0.00	19.71 1.03 0.00	19.74 0.95 0.00	19.75 1.02 0.00	19.96 1.09 0.00	21.73 1.36 -0.10	23.50 1.53 0.00	29.00 2.01 0.00	24.01 1.55 0.00	23.39 1.52 0.00	25.63 1.76 -0.16	27.12 1.86 -0.25	26.53 1.89 -0.23	27.18 1.86 -0.24	31.51 2.33 -0.50	26.93 1.98 -0.20	29.67 1.95 -0.33	37.44 2.37 0.00	70.59 4.71 0.00	35.41 2.49 0.00	31.09 2.26 0.00	26.98 1.94 -0.03	22.09 1.48 0.00	20.60 1.30 -0.87
ASTORIA___2 24149	19.98 1.00 0.00	19.67 0.99 0.00	19.71 0.92 0.00	19.72 0.99 0.00	19.93 1.05 0.00	21.69 1.32 -0.10	23.45 1.49 0.00	28.94 1.94 0.00	23.96 1.50 0.00	23.35 1.47 0.00	25.58 1.71 -0.16	27.08 1.83 -0.25	26.48 1.84 -0.23	27.12 1.81 -0.24	31.46 2.28 -0.50	26.88 1.93 -0.20	29.61 1.89 -0.33	37.36 2.29 0.00	70.45 4.57 0.00	35.33 2.41 0.00	31.04 2.20 0.00	26.93 1.90 -0.03	22.06 1.44 0.00	20.56 1.26 -0.87
ASTORIA___3 23516	19.99 1.00 0.00	19.63 0.95 0.00	19.69 0.90 0.00	19.69 0.97 0.00	19.91 1.04 0.00	21.69 1.31 -0.10	23.47 1.50 0.00	28.97 1.98 0.00	23.98 1.52 0.00	23.36 1.49 0.00	25.53 1.66 -0.16	27.07 1.82 -0.25	26.47 1.82 -0.23	27.10 1.78 -0.24	31.41 2.24 -0.50	26.85 1.91 -0.20	29.63 1.91 -0.33	37.34 2.28 0.00	70.47 4.60 0.00	35.30 2.38 0.00	31.07 2.23 0.00	26.95 1.92 -0.03	22.08 1.46 0.00	20.58 1.28 -0.87
ASTORIA___4 23517	19.99 1.00 0.00	19.63 0.96 0.00	19.69 0.90 0.00	19.69 0.97 0.00	19.91 1.04 0.00	21.69 1.31 -0.10	23.47 1.50 0.00	28.98 1.99 0.00	23.98 1.52 0.00	23.36 1.48 0.00	25.53 1.66 -0.16	27.06 1.80 -0.25	26.47 1.82 -0.23	27.09 1.78 -0.24	31.41 2.23 -0.50	26.85 1.90 -0.20	29.63 1.91 -0.33	37.34 2.28 0.00	70.47 4.59 0.00	35.30 2.38 0.00	31.07 2.24 0.00	26.95 1.91 -0.03	22.08 1.46 0.00	20.58 1.28 -0.87
ASTORIA___5 23518	19.98 1.00 0.00	19.63 0.95 0.00	19.69 0.90 0.00	19.69 0.97 0.00	19.91 1.04 0.00	21.69 1.31 -0.10	23.47 1.50 0.00	28.97 1.98 0.00	23.98 1.52 0.00	23.36 1.49 0.00	25.53 1.66 -0.16	27.07 1.82 -0.25	26.47 1.82 -0.23	27.09 1.78 -0.24	31.41 2.24 -0.50	26.85 1.90 -0.20	29.63 1.91 -0.33	37.34 2.28 0.00	70.47 4.60 0.00	35.30 2.38 0.00	31.07 2.23 0.00	26.95 1.92 -0.03	22.08 1.46 0.00	20.58 1.27 -0.87
AST_ENERGY_2_CC3 323677	20.08 1.10 0.00	19.72 1.04 0.00	19.78 0.99 0.00	19.76 1.04 0.00	19.99 1.12 0.00	21.75 1.37 -0.10	23.57 1.61 0.00	29.05 2.05 0.00	24.04 1.58 0.00	23.42 1.55 0.00	25.61 1.74 -0.16	27.16 1.91 -0.25	26.56 1.92 -0.23	27.19 1.87 -0.24	31.53 2.35 -0.50	26.96 2.01 -0.20	29.77 2.05 -0.33	37.52 2.46 0.00	70.82 4.94 0.00	35.45 2.53 0.00	31.15 2.32 0.00	27.04 2.00 -0.03	22.17 1.55 0.00	20.65 1.35 -0.87
AST_ENERGY_2_CC4 323678	20.08 1.10 0.00	19.72 1.04 0.00	19.78 0.99 0.00	19.76 1.04 0.00	19.99 1.12 0.00	21.75 1.37 -0.10	23.57 1.61 0.00	29.05 2.05 0.00	24.04 1.58 0.00	23.42 1.55 0.00	25.61 1.74 -0.16	27.16 1.91 -0.25	26.56 1.92 -0.23	27.19 1.87 -0.24	31.53 2.35 -0.50	26.96 2.01 -0.20	29.77 2.05 -0.33	37.52 2.46 0.00	70.82 4.94 0.00	35.45 2.53 0.00	31.15 2.32 0.00	27.04 2.00 -0.03	22.17 1.55 0.00	20.65 1.35 -0.87
ATHENS_STG_1 23668	19.58 0.60 0.00	19.25 0.58 0.00	19.36 0.57 0.00	19.35 0.62 0.00	19.55 0.67 0.00	21.16 0.77 -0.11	22.87 0.90 0.00	28.12 1.13 0.00	23.32 0.86 0.00	22.66 0.78 0.00	24.64 0.87 -0.05	26.03 0.95 -0.08	25.44 0.95 -0.07	26.07 0.92 -0.08	30.01 1.17 -0.16	25.79 0.98 -0.06	28.44 0.95 -0.10	36.18 1.12 0.00	68.19 2.31 0.00	34.13 1.21 0.00	29.99 1.15 0.00	26.03 0.99 -0.03	21.42 0.80 0.00	20.10 0.71 -0.96
ATHENS_STG_2 23670	19.58 0.60 0.00	19.25 0.58 0.00	19.36 0.57 0.00	19.35 0.62 0.00	19.55 0.67 0.00	21.16 0.77 -0.11	22.87 0.90 0.00	28.12 1.13 0.00	23.32 0.86 0.00	22.66 0.78 0.00	24.64 0.87 -0.05	26.03 0.95 -0.08	25.44 0.95 -0.07	26.07 0.92 -0.08	30.01 1.17 -0.16	25.79 0.98 -0.06	28.44 0.95 -0.10	36.18 1.12 0.00	68.19 2.31 0.00	34.13 1.21 0.00	29.99 1.15 0.00	26.03 0.99 -0.03	21.42 0.80 0.00	20.10 0.71 -0.96

ATHENS_STG_3 23677	19.58 0.60 0.00	19.25 0.58 0.00	19.36 0.57 0.00	19.35 0.62 0.00	19.55 0.67 0.00	21.16 0.77 -0.11	22.87 0.90 0.00	28.12 1.13 0.00	23.32 0.86 0.00	22.66 0.78 0.00	24.64 0.87 -0.05	26.03 0.95 -0.08	25.44 0.95 -0.07	26.07 0.92 -0.08	30.01 1.17 -0.16	25.79 0.98 -0.06	28.44 0.95 -0.10	36.18 1.12 0.00	68.19 2.31 0.00	34.13 1.21 0.00	29.99 1.15 0.00	26.03 0.99 -0.03	21.42 0.80 0.00	20.10 0.71 -0.96
AUBURN____LFGE 323710	19.25 0.26 0.00	18.91 0.24 0.00	18.96 0.16 0.00	18.95 0.23 0.00	19.11 0.24 0.00	20.56 0.26 -0.03	22.46 0.46 -0.03	27.72 0.72 0.00	23.03 0.57 0.00	22.37 0.50 0.00	24.27 0.56 0.00	25.56 0.56 0.00	24.91 0.50 0.00	25.71 0.64 0.00	29.43 0.76 0.00	25.39 0.64 0.00	28.06 0.66 0.00	36.01 0.94 0.00	67.35 1.48 0.00	33.81 0.89 0.00	29.64 0.80 0.00	25.53 0.49 -0.04	20.99 0.37 0.00	18.87 0.21 -0.22
BABYLON_RES_REC 323704	20.40 1.41 0.00	20.01 1.33 0.00	20.06 1.26 0.00	20.05 1.32 0.00	21.00 1.49 -0.63	36.53 1.74 -14.52	54.08 2.01 -30.10	29.25 2.26 0.00	24.16 1.70 0.00	23.41 1.53 0.00	25.66 1.79 -0.16	27.59 2.14 -0.45	28.06 2.25 -1.40	27.30 1.98 -0.24	31.58 2.40 -0.50	26.97 2.02 -0.20	29.83 2.10 -0.33	37.61 2.55 0.00	71.48 5.60 0.00	35.73 2.81 0.00	31.52 2.68 0.00	27.44 2.40 -0.03	24.63 1.86 -2.15	20.90 1.60 -0.87
BABYLON__69_KV_BK2 356345	20.61 1.63 0.00	20.21 1.54 0.00	20.26 1.47 0.00	20.25 1.53 0.00	21.21 1.70 -0.63	36.78 1.99 -14.52	54.33 2.27 -30.10	29.57 2.57 0.00	24.38 1.93 0.00	23.63 1.75 0.00	25.95 2.08 -0.16	27.80 2.34 -0.45	28.33 2.52 -1.39	27.56 2.24 -0.24	31.87 2.69 -0.50	27.21 2.27 -0.20	30.10 2.38 -0.33	38.00 2.94 0.00	72.29 6.41 0.00	36.10 3.18 0.00	31.84 3.01 0.00	27.72 2.69 -0.03	24.65 2.05 -1.98	21.11 1.81 -0.87
BALL_HILL_WT_PWR 323825	18.74 -0.24 0.00	18.30 -0.38 0.00	18.46 -0.33 0.00	18.29 -0.43 0.00	18.41 -0.47 0.00	19.89 -0.41 -0.03	21.29 -0.48 0.19	26.19 -0.80 0.00	22.15 -0.30 0.00	21.80 -0.08 0.00	23.83 0.11 0.00	25.16 0.16 0.00	24.29 -0.13 0.00	25.33 0.26 0.00	28.55 -0.13 0.00	24.73 -0.01 0.00	27.47 0.07 0.00	34.97 -0.10 0.00	64.93 -0.95 0.00	32.65 -0.27 0.00	28.53 -0.31 0.00	24.18 -0.61 0.22	20.16 -0.46 0.00	18.19 -0.50 -0.25
BARON_WINDS____WT_PWR 323822	18.75 -0.23 0.00	18.24 -0.43 0.00	18.34 -0.45 0.00	18.24 -0.49 0.00	18.37 -0.50 0.00	19.92 -0.39 -0.04	20.65 -0.30 1.01	26.37 -0.61 0.03	22.19 -0.27 0.00	21.75 -0.12 0.00	23.77 0.06 0.00	25.08 0.08 0.00	24.30 -0.11 0.00	25.27 0.19 0.00	28.62 -0.06 0.00	24.84 0.10 0.00	27.54 0.15 0.00	35.14 0.07 0.00	64.99 -0.89 0.00	32.30 -0.62 0.00	28.19 -0.65 0.00	23.01 -0.79 1.21	19.93 -0.69 0.00	18.04 -0.69 -0.30
BARRETT_IC_1 23704	20.23 1.25 0.00	19.86 1.18 0.00	19.89 1.10 0.00	19.91 1.19 0.00	20.84 1.33 -0.63	36.34 1.54 -14.52	53.82 1.75 -30.10	28.94 1.95 0.00	23.86 1.40 0.00	23.20 1.32 0.00	25.45 1.58 -0.16	27.40 1.95 -0.45	27.86 2.05 -1.40	27.16 1.85 -0.24	31.40 2.22 -0.50	26.87 1.92 -0.20	29.61 1.89 -0.33	37.24 2.17 0.00	70.48 4.61 0.00	35.30 2.38 0.00	31.17 2.34 0.00	27.15 2.10 -0.03	46.03 1.61 -23.80	20.76 1.45 -0.88
BARRETT_IC_10 23701	20.23 1.25 0.00	19.86 1.18 0.00	19.89 1.10 0.00	19.91 1.19 0.00	20.84 1.33 -0.63	36.34 1.54 -14.52	53.82 1.75 -30.10	28.94 1.95 0.00	23.86 1.40 0.00	23.20 1.32 0.00	25.45 1.58 -0.16	27.40 1.95 -0.45	27.86 2.05 -1.40	27.16 1.85 -0.24	31.40 2.22 -0.50	26.87 1.92 -0.20	29.61 1.89 -0.33	37.24 2.17 0.00	70.48 4.61 0.00	35.30 2.38 0.00	31.17 2.34 0.00	27.15 2.10 -0.03	46.03 1.61 -23.80	20.76 1.45 -0.88
BARRETT_IC_11 23702	20.23 1.25 0.00	19.86 1.18 0.00	19.89 1.10 0.00	19.91 1.19 0.00	20.84 1.33 -0.63	36.34 1.54 -14.52	53.82 1.75 -30.10	28.94 1.95 0.00	23.86 1.40 0.00	23.20 1.32 0.00	25.45 1.58 -0.16	27.40 1.95 -0.45	27.86 2.05 -1.40	27.16 1.85 -0.24	31.40 2.22 -0.50	26.87 1.92 -0.20	29.61 1.89 -0.33	37.24 2.17 0.00	70.48 4.61 0.00	35.30 2.38 0.00	31.17 2.34 0.00	27.15 2.10 -0.03	46.03 1.61 -23.80	20.76 1.45 -0.88
BARRETT_IC_12 23703	20.23 1.25 0.00	19.86 1.18 0.00	19.89 1.10 0.00	19.91 1.19 0.00	20.84 1.33 -0.63	36.34 1.54 -14.52	53.82 1.75 -30.10	28.94 1.95 0.00	23.86 1.40 0.00	23.20 1.32 0.00	25.45 1.58 -0.16	27.40 1.95 -0.45	27.86 2.05 -1.40	27.16 1.85 -0.24	31.40 2.22 -0.50	26.87 1.92 -0.20	29.61 1.89 -0.33	37.24 2.17 0.00	70.48 4.61 0.00	35.30 2.38 0.00	31.17 2.34 0.00	27.15 2.10 -0.03	46.03 1.61 -23.80	20.76 1.45 -0.88
BARRETT_IC_2 23705	20.23 1.25 0.00	19.86 1.18 0.00	19.89 1.10 0.00	19.91 1.19 0.00	20.84 1.33 -0.63	36.34 1.54 -14.52	53.82 1.75 -30.10	28.94 1.95 0.00	23.86 1.40 0.00	23.20 1.32 0.00	25.45 1.58 -0.16	27.40 1.95 -0.45	27.86 2.05 -1.40	27.16 1.85 -0.24	31.40 2.22 -0.50	26.87 1.92 -0.20	29.61 1.89 -0.33	37.24 2.17 0.00	70.48 4.61 0.00	35.30 2.38 0.00	31.17 2.34 0.00	27.15 2.10 -0.03	46.03 1.61 -23.80	20.76 1.45 -0.88
BARRETT_IC_3 23706	20.23 1.25 0.00	19.86 1.18 0.00	19.89 1.10 0.00	19.91 1.19 0.00	20.84 1.33 -0.63	36.34 1.54 -14.52	53.82 1.75 -30.10	28.94 1.95 0.00	23.86 1.40 0.00	23.20 1.32 0.00	25.45 1.58 -0.16	27.40 1.95 -0.45	27.86 2.05 -1.40	27.16 1.85 -0.24	31.40 2.22 -0.50	26.87 1.92 -0.20	29.61 1.89 -0.33	37.24 2.17 0.00	70.48 4.61 0.00	35.30 2.38 0.00	31.17 2.34 0.00	27.15 2.10 -0.03	46.03 1.61 -23.80	20.76 1.45 -0.88
BARRETT_IC_4 23707	20.23 1.25 0.00	19.86 1.18 0.00	19.89 1.10 0.00	19.91 1.19 0.00	20.84 1.33 -0.63	36.34 1.54 -14.52	53.82 1.75 -30.10	28.94 1.95 0.00	23.86 1.40 0.00	23.20 1.32 0.00	25.45 1.58 -0.16	27.40 1.95 -0.45	27.86 2.05 -1.40	27.16 1.85 -0.24	31.40 2.22 -0.50	26.87 1.92 -0.20	29.61 1.89 -0.33	37.24 2.17 0.00	70.48 4.61 0.00	35.30 2.38 0.00	31.17 2.34 0.00	27.15 2.10 -0.03	46.03 1.61 -23.80	20.76 1.45 -0.88
BARRETT_IC_5 23708	20.23 1.25 0.00	19.86 1.18 0.00	19.89 1.10 0.00	19.91 1.19 0.00	20.84 1.33 -0.63	36.34 1.54 -14.52	53.82 1.75 -30.10	28.94 1.95 0.00	23.86 1.40 0.00	23.20 1.32 0.00	25.45 1.58 -0.16	27.40 1.95 -0.45	27.86 2.05 -1.40	27.16 1.85 -0.24	31.40 2.22 -0.50	26.87 1.92 -0.20	29.61 1.89 -0.33	37.24 2.17 0.00	70.48 4.61 0.00	35.30 2.38 0.00	31.17 2.34 0.00	27.15 2.10 -0.03	46.03 1.61 -23.80	20.76 1.45 -0.88
BARRETT_IC_6 23709	20.23 1.25 0.00	19.86 1.18 0.00	19.89 1.10 0.00	19.91 1.19 0.00	20.84 1.33 -0.63	36.34 1.54 -14.52	53.82 1.75 -30.10	28.94 1.95 0.00	23.86 1.40 0.00	23.20 1.32 0.00	25.45 1.58 -0.16	27.40 1.95 -0.45	27.86 2.05 -1.40	27.16 1.85 -0.24	31.40 2.22 -0.50	26.87 1.92 -0.20	29.61 1.89 -0.33	37.24 2.17 0.00	70.48 4.61 0.00	35.30 2.38 0.00	31.17 2.34 0.00	27.15 2.10 -0.03	46.03 1.61 -23.80	20.76 1.45 -0.88

BARRETT_IC_7 23710	20.23 1.25 0.00	19.86 1.18 0.00	19.89 1.10 0.00	19.91 1.19 0.00	20.84 1.33 -0.63	36.34 1.55 -14.52	53.82 1.76 -30.10	28.95 1.96 0.00	23.86 1.40 0.00	23.18 1.31 0.00	25.45 1.58 -0.16	27.37 1.93 -0.45	27.86 2.06 -1.39	27.17 1.85 -0.24	31.40 2.22 -0.50	26.87 1.92 -0.20	29.60 1.88 -0.33	37.23 2.17 0.00	70.50 4.63 0.00	35.30 2.38 0.00	31.17 2.34 0.00	27.14 2.10 -0.03	46.01 1.60 -23.80	20.75 1.45 -0.88
BARRETT_IC_8 23711	20.23 1.25 0.00	19.86 1.18 0.00	19.89 1.10 0.00	19.91 1.19 0.00	20.84 1.33 -0.63	36.34 1.54 -14.52	53.82 1.75 -30.10	28.94 1.95 0.00	23.86 1.40 0.00	23.20 1.32 0.00	25.45 1.58 -0.16	27.40 1.95 -0.45	27.86 2.05 -1.40	27.16 1.85 -0.24	31.40 2.22 -0.50	26.87 1.92 -0.20	29.61 1.89 -0.33	37.24 2.17 0.00	70.48 4.61 0.00	35.30 2.38 0.00	31.17 2.34 0.00	27.15 2.10 -0.03	46.03 1.61 -23.80	20.76 1.45 -0.88
BARRETT_IC_9 23700	20.23 1.25 0.00	19.86 1.18 0.00	19.89 1.10 0.00	19.91 1.19 0.00	20.84 1.33 -0.63	36.34 1.54 -14.52	53.82 1.75 -30.10	28.94 1.95 0.00	23.86 1.40 0.00	23.20 1.32 0.00	25.45 1.58 -0.16	27.40 1.95 -0.45	27.86 2.05 -1.40	27.16 1.85 -0.24	31.40 2.22 -0.50	26.87 1.92 -0.20	29.61 1.89 -0.33	37.24 2.17 0.00	70.48 4.61 0.00	35.30 2.38 0.00	31.17 2.34 0.00	27.15 2.10 -0.03	46.03 1.61 -23.80	20.76 1.45 -0.88
BARRETT___1 23545	20.23 1.25 0.00	19.86 1.18 0.00	19.89 1.10 0.00	19.91 1.19 0.00	20.84 1.33 -0.63	36.34 1.54 -14.52	53.82 1.75 -30.10	28.94 1.95 0.00	23.86 1.40 0.00	23.20 1.32 0.00	25.45 1.58 -0.16	27.40 1.95 -0.45	27.86 2.05 -1.40	27.16 1.85 -0.24	31.40 2.22 -0.50	26.87 1.92 -0.20	29.61 1.89 -0.33	37.24 2.17 0.00	70.48 4.61 0.00	35.30 2.38 0.00	31.17 2.34 0.00	27.15 2.10 -0.03	46.03 1.61 -23.80	20.76 1.45 -0.88
BARRETT___2 23546	20.23 1.25 0.00	19.86 1.18 0.00	19.89 1.10 0.00	19.91 1.19 0.00	20.84 1.33 -0.63	36.34 1.54 -14.52	53.82 1.75 -30.10	28.94 1.95 0.00	23.86 1.40 0.00	23.20 1.32 0.00	25.45 1.58 -0.16	27.40 1.95 -0.45	27.86 2.05 -1.40	27.16 1.85 -0.24	31.40 2.22 -0.50	26.87 1.92 -0.20	29.61 1.89 -0.33	37.24 2.17 0.00	70.48 4.61 0.00	35.30 2.38 0.00	31.17 2.34 0.00	27.15 2.10 -0.03	46.03 1.61 -23.80	20.76 1.45 -0.88
BATAVIA___115KV_TB1 55881	18.85 -0.14 0.00	18.40 -0.28 0.00	18.57 -0.22 0.00	18.40 -0.32 0.00	18.48 -0.39 0.00	19.98 -0.31 -0.03	21.46 -0.41 0.09	26.29 -0.70 0.00	22.29 -0.17 0.00	21.87 -0.01 0.00	23.72 0.01 0.00	25.05 0.05 0.00	24.21 -0.20 0.00	25.07 -0.01 0.00	28.25 -0.43 0.00	24.42 -0.32 0.00	27.28 -0.12 0.00	34.95 -0.12 0.00	65.57 -0.31 0.00	33.04 0.12 0.00	28.98 0.14 0.00	24.69 -0.21 0.10	20.48 -0.14 0.00	18.43 -0.23 -0.23
BAYONEEC___CTG1 323682	20.06 1.08 0.00	19.70 1.02 0.00	19.76 0.97 0.00	19.74 1.02 0.00	19.97 1.09 0.00	21.72 1.35 -0.10	23.55 1.58 0.00	29.02 2.03 0.00	24.01 1.55 0.00	23.40 1.52 0.00	25.58 1.71 -0.16	27.13 1.87 -0.25	26.53 1.89 -0.23	27.16 1.84 -0.24	31.50 2.32 -0.50	26.93 1.98 -0.20	29.74 2.01 -0.33	37.48 2.41 0.00	70.70 4.83 0.00	35.41 2.49 0.00	31.13 2.29 0.00	27.01 1.98 -0.03	22.16 1.55 0.00	20.63 1.33 -0.87
BAYONEEC___CTG10 323750	20.06 1.08 0.00	19.70 1.02 0.00	19.76 0.97 0.00	19.74 1.02 0.00	19.97 1.09 0.00	21.72 1.35 -0.10	23.55 1.58 0.00	29.02 2.03 0.00	24.01 1.55 0.00	23.40 1.52 0.00	25.58 1.71 -0.16	27.13 1.87 -0.25	26.53 1.89 -0.23	27.16 1.84 -0.24	31.50 2.32 -0.50	26.93 1.98 -0.20	29.74 2.01 -0.33	37.48 2.41 0.00	70.70 4.83 0.00	35.41 2.49 0.00	31.13 2.29 0.00	27.01 1.98 -0.03	22.16 1.55 0.00	20.63 1.33 -0.87
BAYONEEC___CTG2 323683	20.06 1.08 0.00	19.70 1.02 0.00	19.76 0.97 0.00	19.74 1.02 0.00	19.97 1.09 0.00	21.72 1.35 -0.10	23.55 1.58 0.00	29.02 2.03 0.00	24.01 1.55 0.00	23.40 1.52 0.00	25.58 1.71 -0.16	27.13 1.87 -0.25	26.53 1.89 -0.23	27.16 1.84 -0.24	31.50 2.32 -0.50	26.93 1.98 -0.20	29.74 2.01 -0.33	37.48 2.41 0.00	70.70 4.83 0.00	35.41 2.49 0.00	31.13 2.29 0.00	27.01 1.98 -0.03	22.16 1.55 0.00	20.63 1.33 -0.87
BAYONEEC___CTG3 323684	20.06 1.08 0.00	19.70 1.02 0.00	19.76 0.97 0.00	19.74 1.02 0.00	19.97 1.09 0.00	21.72 1.35 -0.10	23.55 1.58 0.00	29.02 2.03 0.00	24.01 1.55 0.00	23.40 1.52 0.00	25.58 1.71 -0.16	27.13 1.87 -0.25	26.53 1.89 -0.23	27.16 1.84 -0.24	31.50 2.32 -0.50	26.93 1.98 -0.20	29.74 2.01 -0.33	37.48 2.41 0.00	70.70 4.83 0.00	35.41 2.49 0.00	31.13 2.29 0.00	27.01 1.98 -0.03	22.16 1.55 0.00	20.63 1.33 -0.87
BAYONEEC___CTG4 323685	20.06 1.08 0.00	19.70 1.02 0.00	19.76 0.97 0.00	19.74 1.02 0.00	19.97 1.09 0.00	21.72 1.35 -0.10	23.55 1.58 0.00	29.02 2.03 0.00	24.01 1.55 0.00	23.40 1.52 0.00	25.58 1.71 -0.16	27.13 1.87 -0.25	26.53 1.89 -0.23	27.16 1.84 -0.24	31.50 2.32 -0.50	26.93 1.98 -0.20	29.74 2.01 -0.33	37.48 2.41 0.00	70.70 4.83 0.00	35.41 2.49 0.00	31.13 2.29 0.00	27.01 1.98 -0.03	22.16 1.55 0.00	20.63 1.33 -0.87
BAYONEEC___CTG5 323686	20.06 1.08 0.00	19.70 1.02 0.00	19.76 0.97 0.00	19.74 1.02 0.00	19.97 1.09 0.00	21.72 1.35 -0.10	23.55 1.58 0.00	29.02 2.03 0.00	24.01 1.55 0.00	23.40 1.52 0.00	25.58 1.71 -0.16	27.13 1.87 -0.25	26.53 1.89 -0.23	27.16 1.84 -0.24	31.50 2.32 -0.50	26.93 1.98 -0.20	29.74 2.01 -0.33	37.48 2.41 0.00	70.70 4.83 0.00	35.41 2.49 0.00	31.13 2.29 0.00	27.01 1.98 -0.03	22.16 1.55 0.00	20.63 1.33 -0.87
BAYONEEC___CTG6 323687	20.06 1.08 0.00	19.70 1.02 0.00	19.76 0.97 0.00	19.74 1.02 0.00	19.97 1.09 0.00	21.72 1.35 -0.10	23.55 1.58 0.00	29.02 2.03 0.00	24.01 1.55 0.00	23.40 1.52 0.00	25.58 1.71 -0.16	27.13 1.87 -0.25	26.53 1.89 -0.23	27.16 1.84 -0.24	31.50 2.32 -0.50	26.93 1.98 -0.20	29.74 2.01 -0.33	37.48 2.41 0.00	70.70 4.83 0.00	35.41 2.49 0.00	31.13 2.29 0.00	27.01 1.98 -0.03	22.16 1.55 0.00	20.63 1.33 -0.87
BAYONEEC___CTG7 323688	20.06 1.08 0.00	19.70 1.02 0.00	19.76 0.97 0.00	19.74 1.02 0.00	19.97 1.09 0.00	21.72 1.35 -0.10	23.55 1.58 0.00	29.02 2.03 0.00	24.01 1.55 0.00	23.40 1.52 0.00	25.58 1.71 -0.16	27.13 1.87 -0.25	26.53 1.89 -0.23	27.16 1.84 -0.24	31.50 2.32 -0.50	26.93 1.98 -0.20	29.74 2.01 -0.33	37.48 2.41 0.00	70.70 4.83 0.00	35.41 2.49 0.00	31.13 2.29 0.00	27.01 1.98 -0.03	22.16 1.55 0.00	20.63 1.33 -0.87
BAYONEEC___CTG8 323689	20.06 1.08 0.00	19.70 1.02 0.00	19.76 0.97 0.00	19.74 1.02 0.00	19.97 1.09 0.00	21.72 1.35 -0.10	23.55 1.58 0.00	29.02 2.03 0.00	24.01 1.55 0.00	23.40 1.52 0.00	25.58 1.71 -0.16	27.13 1.87 -0.25	26.53 1.89 -0.23	27.16 1.84 -0.24	31.50 2.32 -0.50	26.93 1.98 -0.20	29.74 2.01 -0.33	37.48 2.41 0.00	70.70 4.83 0.00	35.41 2.49 0.00	31.13 2.29 0.00	27.01 1.98 -0.03	22.16 1.55 0.00	20.63 1.33 -0.87

BAYONEEC___CTG9 323749	20.06 1.08 0.00	19.70 1.02 0.00	19.76 0.97 0.00	19.74 1.02 0.00	19.97 1.09 0.00	21.72 1.35 -0.10	23.55 1.58 0.00	29.02 2.03 0.00	24.01 1.55 0.00	23.40 1.52 0.00	25.58 1.71 -0.16	27.13 1.87 -0.25	26.53 1.89 -0.23	27.16 1.84 -0.24	31.50 2.32 -0.50	26.93 1.98 -0.20	29.74 2.01 -0.33	37.48 2.41 0.00	70.70 4.83 0.00	35.41 2.49 0.00	31.13 2.29 0.00	27.01 1.98 -0.03	22.16 1.55 0.00	20.63 1.33 -0.87
BEACON___LESR 323632	19.51 0.52 0.00	19.18 0.50 0.00	19.25 0.46 0.00	19.22 0.50 0.00	19.51 0.64 0.00	21.20 0.80 -0.13	22.85 0.89 0.00	28.09 1.10 0.00	23.28 0.82 0.00	22.48 0.61 0.00	24.27 0.72 0.16	25.48 0.74 0.25	24.86 0.68 0.23	25.50 0.67 0.24	29.10 0.92 0.50	25.30 0.76 0.20	27.94 0.87 0.33	36.15 1.08 0.00	68.22 2.34 0.00	34.12 1.20 0.00	29.99 1.16 0.00	25.92 0.88 -0.03	21.32 0.71 0.00	20.10 0.61 -1.05
BEAVER RIVER___HYD 24048	19.00 0.01 0.00	18.65 -0.02 0.00	18.79 0.00 0.00	18.69 -0.04 0.00	18.78 -0.10 0.00	20.28 0.00 -0.01	21.97 0.00 0.00	26.89 -0.10 0.00	22.27 -0.19 0.00	21.70 -0.18 0.00	23.40 -0.31 0.00	24.45 -0.55 0.00	24.17 -0.25 0.00	24.75 -0.33 0.00	28.09 -0.59 0.00	24.13 -0.61 0.00	26.93 -0.47 0.00	34.87 -0.20 0.00	65.32 -0.55 0.00	32.45 -0.47 0.00	28.08 -0.76 0.00	24.23 -0.78 0.00	19.99 -0.63 0.00	17.88 -0.63 -0.07
BEEBEE_GT_13 23619	18.71 -0.27 0.00	18.31 -0.37 0.00	18.47 -0.33 0.00	18.33 -0.39 0.00	18.44 -0.44 0.00	19.91 -0.39 -0.03	21.52 -0.44 0.00	26.35 -0.65 0.00	22.17 -0.29 0.00	21.70 -0.18 0.00	23.58 -0.13 0.00	24.90 -0.10 0.00	24.06 -0.35 0.00	24.97 -0.10 0.00	28.31 -0.36 0.00	24.48 -0.27 0.00	27.22 -0.17 0.00	34.87 -0.20 0.00	65.30 -0.57 0.00	32.82 -0.09 0.00	28.70 -0.14 0.00	24.67 -0.34 -0.01	20.34 -0.28 0.00	18.31 -0.34 -0.21
BENSHRST_27_KV_BENSHRST_1 355998	20.19 1.20 0.00	19.82 1.15 0.00	19.92 1.13 0.00	19.91 1.19 0.00	20.14 1.26 0.00	21.92 1.55 -0.10	23.75 1.79 0.00	29.29 2.29 0.00	24.24 1.78 0.00	23.62 1.74 0.00	25.80 1.92 -0.16	27.35 2.10 -0.25	26.74 2.10 -0.23	27.39 2.08 -0.24	31.75 2.57 -0.50	27.14 2.20 -0.20	29.95 2.23 -0.33	37.72 2.66 0.00	71.20 5.32 0.00	35.69 2.77 0.00	31.46 2.62 0.00	27.28 2.25 -0.03	22.34 1.72 0.00	20.79 1.49 -0.87
BETHLEHEM___GRP 23843	19.18 0.19 0.00	18.87 0.20 0.00	18.97 0.18 0.00	18.95 0.22 0.00	19.15 0.27 0.00	20.85 0.45 -0.13	22.43 0.47 0.00	27.53 0.53 0.00	22.90 0.44 0.00	22.14 0.26 0.00	23.87 0.32 0.16	25.08 0.33 0.24	24.52 0.33 0.23	25.15 0.31 0.24	28.69 0.49 0.49	24.94 0.39 0.19	27.46 0.38 0.32	35.56 0.49 0.00	67.03 1.16 0.00	33.50 0.58 0.00	29.39 0.55 0.00	25.47 0.43 -0.03	20.96 0.34 0.00	19.80 0.31 -1.06
BETHLEHEM___GS1 323560	19.18 0.19 0.00	18.87 0.20 0.00	18.97 0.18 0.00	18.95 0.23 0.00	19.15 0.27 0.00	20.85 0.45 -0.13	22.43 0.47 0.00	27.53 0.53 0.00	22.90 0.44 0.00	22.15 0.27 0.00	23.87 0.32 0.16	25.09 0.33 0.24	24.52 0.33 0.23	25.15 0.31 0.24	28.69 0.49 0.49	24.94 0.39 0.19	27.46 0.38 0.32	35.56 0.49 0.00	67.04 1.17 0.00	33.50 0.58 0.00	29.39 0.55 0.00	25.48 0.43 -0.03	20.96 0.34 0.00	19.80 0.31 -1.06
BETHLEHEM___GS2 323561	19.18 0.19 0.00	18.87 0.20 0.00	18.97 0.18 0.00	18.95 0.23 0.00	19.15 0.27 0.00	20.85 0.45 -0.13	22.43 0.47 0.00	27.53 0.53 0.00	22.90 0.44 0.00	22.15 0.27 0.00	23.87 0.32 0.16	25.09 0.33 0.24	24.52 0.33 0.23	25.15 0.31 0.24	28.69 0.49 0.49	24.94 0.39 0.19	27.46 0.38 0.32	35.56 0.49 0.00	67.04 1.17 0.00	33.50 0.58 0.00	29.39 0.55 0.00	25.48 0.43 -0.03	20.96 0.34 0.00	19.80 0.31 -1.06
BETHLEHEM___GS3 323562	19.18 0.19 0.00	18.87 0.20 0.00	18.97 0.18 0.00	18.95 0.23 0.00	19.15 0.27 0.00	20.85 0.45 -0.13	22.43 0.47 0.00	27.53 0.53 0.00	22.90 0.44 0.00	22.15 0.27 0.00	23.87 0.32 0.16	25.09 0.33 0.24	24.52 0.33 0.23	25.15 0.31 0.24	28.69 0.49 0.49	24.94 0.39 0.19	27.46 0.38 0.32	35.56 0.49 0.00	67.04 1.17 0.00	33.50 0.58 0.00	29.39 0.55 0.00	25.48 0.43 -0.03	20.96 0.34 0.00	19.80 0.31 -1.06
BETHLEHEM___STEEL 23779	18.68 -0.31 0.00	18.22 -0.46 0.00	18.39 -0.40 0.00	18.21 -0.51 0.00	18.30 -0.57 0.00	19.78 -0.53 -0.03	21.11 -0.66 0.19	25.93 -1.06 0.00	21.95 -0.51 0.00	21.65 -0.23 0.00	23.65 -0.06 0.00	25.01 0.00 0.00	24.09 -0.32 0.00	25.08 0.00 0.00	28.26 -0.42 0.00	24.48 -0.26 0.00	27.24 -0.15 0.00	34.71 -0.35 0.00	64.64 -1.24 0.00	32.49 -0.43 0.00	28.39 -0.45 0.00	24.08 -0.71 0.22	20.09 -0.53 0.00	18.12 -0.56 -0.25
BETHLHEM_115KV_TB1 79974	19.24 0.26 0.00	18.93 0.25 0.00	19.03 0.24 0.00	19.01 0.29 0.00	19.21 0.33 0.00	20.89 0.49 -0.13	22.49 0.53 0.00	27.63 0.63 0.00	22.96 0.51 0.00	22.22 0.34 0.00	23.97 0.40 0.15	25.18 0.41 0.23	24.61 0.41 0.21	25.25 0.40 0.22	28.81 0.59 0.46	25.04 0.47 0.18	27.57 0.47 0.30	35.67 0.60 0.00	67.23 1.36 0.00	33.61 0.69 0.00	29.48 0.64 0.00	25.56 0.52 -0.03	21.03 0.41 0.00	19.86 0.37 -1.06
BETHPAGE_CC_5 323564	20.36 1.38 0.00	19.99 1.31 0.00	20.02 1.23 0.00	19.99 1.27 0.00	20.95 1.45 -0.63	36.49 1.70 -14.52	54.00 1.93 -30.10	29.16 2.16 0.00	24.08 1.62 0.00	23.37 1.50 0.00	25.63 1.76 -0.16	27.57 2.12 -0.45	28.02 2.21 -1.40	27.23 1.91 -0.24	31.50 2.32 -0.50	26.88 1.94 -0.20	29.67 1.95 -0.33	37.35 2.28 0.00	70.88 5.01 0.00	35.45 2.54 0.00	31.32 2.49 0.00	27.27 2.24 -0.03	25.27 1.82 -2.83	20.88 1.58 -0.87
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	18.76 -0.22 0.00	18.29 -0.39 0.00	18.46 -0.33 0.00	18.29 -0.43 0.00	18.39 -0.49 0.00	19.87 -0.43 -0.03	21.23 -0.55 0.18	26.09 -0.91 0.00	22.08 -0.38 0.00	21.76 -0.11 0.00	23.78 0.06 0.00	25.13 0.13 0.00	24.22 -0.19 0.00	25.20 0.13 0.00	28.41 -0.27 0.00	24.61 -0.13 0.00	27.39 -0.01 0.00	34.90 -0.16 0.00	64.98 -0.89 0.00	32.66 -0.26 0.00	28.52 -0.32 0.00	24.21 -0.59 0.21	20.18 -0.44 0.00	18.19 -0.49 -0.25
BINGHAMTON___COGEN 23790	19.32 0.33 0.00	18.90 0.22 0.00	19.00 0.21 0.00	18.93 0.20 0.00	19.11 0.23 0.00	20.62 0.30 -0.05	22.37 0.40 0.00	27.45 0.45 0.00	22.87 0.41 0.00	22.29 0.41 0.00	24.19 0.48 0.00	25.53 0.53 0.00	24.86 0.44 0.00	25.64 0.56 0.00	29.27 0.59 0.00	25.28 0.54 0.00	27.96 0.56 0.00	35.70 0.63 0.00	66.96 1.09 0.00	33.55 0.63 0.00	29.41 0.57 0.00	25.42 0.40 -0.01	20.91 0.28 0.00	19.03 0.21 -0.39
BIXINCNT_115KV_LOAD 355685	18.89 -0.09 0.00	18.30 -0.37 0.00	18.56 -0.23 0.00	18.48 -0.25 0.00	18.70 -0.17 0.00	20.21 -0.09 -0.03	21.69 -0.15 0.13	26.68 -0.32 0.00	22.52 0.06 0.00	22.20 0.32 0.00	24.24 0.53 0.00	25.62 0.62 0.00	24.70 0.29 0.00	25.59 0.52 0.00	28.97 0.29 0.00	25.04 0.29 0.00	27.88 0.48 0.00	35.54 0.47 0.00	65.78 -0.10 0.00	32.78 -0.14 0.00	28.55 -0.29 0.00	24.37 -0.49 0.14	20.12 -0.50 0.00	18.10 -0.59 -0.26

BLACK RIVER___HYD 24047	19.02 0.04 0.00	18.65 -0.03 0.00	18.80 0.01 0.00	18.68 -0.05 0.00	18.81 -0.06 0.00	20.37 0.09 -0.01	22.12 0.16 0.00	27.10 0.10 0.00	22.42 -0.03 0.00	21.83 -0.05 0.00	23.53 -0.18 0.00	24.52 -0.48 0.00	24.30 -0.12 0.00	24.97 -0.10 0.00	28.31 -0.37 0.00	24.25 -0.49 0.00	27.06 -0.33 0.00	35.09 0.03 0.00	65.75 -0.12 0.00	32.73 -0.19 0.00	28.28 -0.56 0.00	24.36 -0.65 0.00	20.08 -0.54 0.00	17.93 -0.60 -0.10
BLACKRVR_115KV_TB2 79977	19.02 0.04 0.00	18.65 -0.03 0.00	18.80 0.01 0.00	18.68 -0.05 0.00	18.81 -0.06 0.00	20.37 0.09 -0.01	22.12 0.16 0.00	27.10 0.10 0.00	22.42 -0.03 0.00	21.83 -0.04 0.00	23.53 -0.18 0.00	24.52 -0.48 0.00	24.30 -0.12 0.00	24.97 -0.10 0.00	28.31 -0.37 0.00	24.25 -0.49 0.00	27.07 -0.33 0.00	35.09 0.03 0.00	65.75 -0.13 0.00	32.73 -0.19 0.00	28.28 -0.56 0.00	24.36 -0.65 0.00	20.07 -0.55 0.00	17.93 -0.61 -0.10
BLISS_WT_PWR 323608	18.82 -0.16 0.00	18.19 -0.48 0.00	18.48 -0.31 0.00	18.41 -0.31 0.00	18.67 -0.20 0.00	20.18 -0.12 -0.03	21.65 -0.20 0.13	26.64 -0.35 0.00	22.50 0.04 0.00	22.15 0.28 0.00	24.23 0.51 0.00	25.57 0.57 0.00	24.66 0.25 0.00	25.57 0.49 0.00	28.94 0.26 0.00	25.03 0.28 0.00	27.88 0.49 0.00	35.55 0.49 0.00	65.61 -0.27 0.00	32.64 -0.28 0.00	28.42 -0.42 0.00	24.25 -0.62 0.14	19.99 -0.63 0.00	17.96 -0.73 -0.26
BLUESTONE___WT_PWR 323821	20.14 1.16 0.00	19.62 0.95 0.00	19.71 0.92 0.00	19.51 0.78 0.00	19.68 0.81 0.00	21.30 0.97 -0.05	23.06 1.07 -0.02	28.23 1.23 0.00	23.40 0.94 0.00	22.66 0.78 0.00	24.65 0.94 0.00	26.25 1.25 0.00	25.64 1.23 0.00	26.47 1.40 0.00	30.32 1.64 0.00	26.16 1.41 0.00	29.01 1.61 0.00	37.01 1.94 0.00	69.11 3.24 0.00	33.93 1.01 0.00	29.71 0.87 0.00	25.77 0.72 -0.04	21.04 0.42 0.00	19.17 0.31 -0.43
BLUE_CIRC_CHEM_DRP 24182	19.52 0.54 0.00	19.21 0.53 0.00	19.32 0.53 0.00	19.27 0.55 0.00	19.27 0.39 0.00	20.87 0.47 -0.12	22.52 0.56 0.00	28.05 1.05 0.00	23.27 0.81 0.00	22.53 0.66 0.00	24.36 0.74 0.10	25.61 0.76 0.15	25.02 0.75 0.14	25.66 0.73 0.15	29.33 0.96 0.31	25.44 0.82 0.12	28.06 0.86 0.20	36.15 1.08 0.00	68.10 2.22 0.00	34.05 1.13 0.00	29.87 1.04 0.00	25.91 0.87 -0.03	21.32 0.71 0.00	20.11 0.64 -1.04
BOC_GAS_DRP 24189	19.41 0.42 0.00	19.09 0.42 0.00	19.20 0.41 0.00	19.17 0.45 0.00	19.36 0.48 0.00	20.98 0.58 -0.13	22.63 0.67 0.00	27.88 0.88 0.00	23.13 0.67 0.00	22.43 0.56 0.00	24.25 0.63 0.09	25.52 0.67 0.14	24.95 0.67 0.13	25.59 0.65 0.14	29.25 0.86 0.29	25.34 0.72 0.11	27.92 0.71 0.19	35.93 0.86 0.00	67.68 1.81 0.00	33.86 0.93 0.00	29.73 0.89 0.00	25.79 0.75 -0.03	21.22 0.60 0.00	20.03 0.55 -1.05
BOONVILLE_115KV_TB1 79983	19.36 0.38 0.00	19.01 0.33 0.00	19.13 0.34 0.00	19.04 0.32 0.00	19.17 0.30 0.00	20.69 0.41 -0.01	22.49 0.52 0.00	27.60 0.61 0.00	22.87 0.42 0.00	22.32 0.45 0.00	24.09 0.38 0.00	25.29 0.28 0.00	24.79 0.38 0.00	25.31 0.24 0.00	28.86 0.18 0.00	24.84 0.09 0.00	27.57 0.18 0.00	35.61 0.55 0.00	66.70 0.82 0.00	33.28 0.36 0.00	29.03 0.19 0.00	25.10 0.09 0.00	20.67 0.05 0.00	18.51 0.02 -0.06
BORALEX_4TH_BRANCH 23824	19.80 0.82 0.00	19.50 0.82 0.00	19.55 0.76 0.00	19.56 0.84 0.00	19.81 0.93 0.00	21.50 1.10 -0.13	23.19 1.23 0.00	28.20 1.20 0.00	23.44 0.98 0.00	22.82 0.94 0.00	24.32 1.05 0.45	25.35 1.04 0.70	24.77 1.00 0.64	25.47 1.07 0.67	28.67 1.38 1.38	25.11 0.91 0.55	27.42 0.93 0.90	36.26 1.19 0.00	68.64 2.76 0.00	34.29 1.37 0.00	29.99 1.15 0.00	26.17 1.12 -0.03	21.53 0.91 0.00	20.40 0.92 -1.04
BOWLINE___1 23526	19.82 0.83 0.00	19.45 0.77 0.00	19.54 0.75 0.00	19.52 0.80 0.00	19.72 0.84 0.00	21.43 1.06 -0.10	23.23 1.27 0.00	28.61 1.61 0.00	23.67 1.21 0.00	23.01 1.13 0.00	25.11 1.27 -0.13	26.60 1.40 -0.21	26.03 1.43 -0.19	26.68 1.41 -0.20	30.93 1.85 -0.41	26.48 1.57 -0.16	29.23 1.57 -0.27	36.96 1.90 0.00	69.79 3.91 0.00	34.94 2.02 0.00	30.68 1.85 0.00	26.62 1.59 -0.02	21.83 1.22 0.00	20.28 1.05 -0.80
BOWLINE___2 23595	19.82 0.83 0.00	19.45 0.77 0.00	19.54 0.75 0.00	19.52 0.80 0.00	19.72 0.85 0.00	21.43 1.06 -0.10	23.23 1.27 0.00	28.61 1.61 0.00	23.67 1.21 0.00	23.01 1.13 0.00	25.11 1.27 -0.13	26.60 1.40 -0.21	26.03 1.43 -0.19	26.69 1.41 -0.20	30.93 1.85 -0.41	26.48 1.57 -0.16	29.23 1.57 -0.27	36.96 1.90 0.00	69.79 3.91 0.00	34.94 2.02 0.00	30.69 1.85 0.00	26.62 1.59 -0.02	21.83 1.22 0.00	20.28 1.05 -0.80
BRADY___115KV_TB2 356060	19.64 0.65 0.00	19.37 0.70 0.00	19.45 0.66 0.00	19.37 0.64 0.00	19.46 0.58 0.00	20.79 0.51 0.00	22.34 0.37 0.00	27.37 0.38 0.00	22.74 0.28 0.00	22.24 0.36 0.00	23.99 0.28 0.00	25.28 0.28 0.00	24.62 0.21 0.00	25.00 -0.07 0.00	28.50 -0.18 0.00	24.78 0.03 0.00	27.49 0.10 0.00	35.69 0.62 0.00	67.28 1.41 0.00	33.38 0.46 0.00	29.05 0.21 0.00	25.19 0.17 0.00	20.96 0.34 0.00	18.81 0.35 -0.03
BRANSCOMB___SOLAR 323811	19.79 0.80 0.00	19.45 0.78 0.00	19.57 0.78 0.00	19.57 0.85 0.00	19.87 0.99 0.00	21.56 1.16 -0.13	23.33 1.36 0.00	28.71 1.72 0.00	23.86 1.40 0.00	23.12 1.24 0.00	24.87 1.32 0.16	26.13 1.38 0.26	25.51 1.33 0.24	26.17 1.34 0.24	29.83 1.66 0.51	25.95 1.40 0.20	28.50 1.43 0.33	36.93 1.87 0.00	69.75 3.87 0.00	34.85 1.93 0.00	30.50 1.67 0.00	26.44 1.40 -0.03	21.73 1.12 0.00	20.47 0.96 -1.08
BRENTWOD_69_KV_W. BRTWOOD 56703	20.55 1.57 0.00	20.16 1.48 0.00	20.19 1.40 0.00	20.20 1.48 0.00	21.15 1.65 -0.63	36.72 1.93 -14.52	54.24 2.17 -30.10	29.43 2.43 0.00	24.27 1.80 0.00	23.52 1.65 0.00	25.87 2.00 -0.16	27.70 2.25 -0.45	28.23 2.42 -1.39	27.49 2.17 -0.24	31.77 2.59 -0.50	27.11 2.17 -0.20	29.98 2.26 -0.33	37.82 2.76 0.00	71.82 5.95 0.00	35.85 2.93 0.00	31.63 2.80 0.00	27.62 2.59 -0.03	23.87 1.96 -1.29	21.05 1.75 -0.87
BRISTLHL_115KV_TB1 79998	18.76 -0.22 0.00	18.40 -0.27 0.00	18.52 -0.27 0.00	18.44 -0.29 0.00	18.59 -0.29 0.00	19.99 -0.30 -0.02	21.63 -0.34 0.00	26.55 -0.45 0.00	22.10 -0.36 0.00	21.55 -0.33 0.00	23.34 -0.37 0.00	24.63 -0.37 0.00	24.01 -0.40 0.00	24.70 -0.38 0.00	28.21 -0.47 0.00	24.35 -0.39 0.00	26.96 -0.43 0.00	34.57 -0.50 0.00	64.93 -0.94 0.00	32.48 -0.44 0.00	28.47 -0.37 0.00	24.74 -0.27 0.00	20.37 -0.25 0.00	18.33 -0.26 -0.16
BROOKHAVEN___DRP 24191	20.45 1.47 0.00	20.05 1.38 0.00	20.09 1.30 0.00	20.10 1.38 0.00	21.04 1.54 -0.63	36.58 1.79 -14.52	54.07 2.00 -30.10	29.23 2.23 0.00	24.12 1.66 0.00	23.27 1.40 0.00	25.59 1.71 -0.16	27.45 2.00 -0.45	28.04 2.23 -1.39	27.13 1.82 -0.24	31.33 2.16 -0.50	26.62 1.68 -0.20	29.46 1.74 -0.33	37.23 2.16 0.00	71.66 5.79 0.00	35.62 2.71 0.00	31.31 2.48 0.00	27.23 2.20 -0.03	23.31 1.64 -1.05	20.82 1.52 -0.87

BROOKLYN_NAVY_YARD 23515	20.03 1.05 0.00	19.67 0.99 0.00	19.73 0.94 0.00	19.71 0.99 0.00	19.94 1.06 0.00	21.70 1.32 -0.10	23.52 1.55 0.00	28.99 2.00 0.00	23.99 1.53 0.00	23.38 1.50 0.00	25.55 1.68 -0.16	27.09 1.85 -0.25	26.51 1.87 -0.23	27.14 1.82 -0.24	31.46 2.28 -0.50	26.89 1.94 -0.20	29.70 1.98 -0.32	37.46 2.39 0.00	70.66 4.79 0.00	35.40 2.48 0.00	31.15 2.31 0.00	27.03 2.00 -0.03	22.16 1.55 0.00	20.64 1.34 -0.87
BROOKLYN___ARMY_DRP 323595	20.10 1.12 0.00	19.75 1.07 0.00	19.85 1.06 0.00	19.84 1.12 0.00	20.07 1.19 0.00	21.84 1.46 -0.10	23.65 1.69 0.00	29.15 2.16 0.00	24.13 1.67 0.00	23.50 1.63 0.00	25.68 1.80 -0.16	27.22 1.97 -0.25	26.62 1.97 -0.23	27.26 1.94 -0.24	31.60 2.42 -0.50	27.02 2.07 -0.20	29.81 2.09 -0.33	37.53 2.47 0.00	70.86 4.98 0.00	35.50 2.59 0.00	31.30 2.46 0.00	27.14 2.11 -0.03	22.24 1.62 0.00	20.70 1.40 -0.87
BROOKVLE_69_KV_TB1 55790	20.37 1.38 0.00	19.99 1.31 0.00	20.04 1.25 0.00	20.04 1.31 0.00	20.97 1.46 -0.63	36.49 1.70 -14.52	54.06 1.99 -30.10	29.29 2.29 0.00	24.19 1.73 0.00	23.49 1.61 0.00	25.75 1.88 -0.16	27.65 2.21 -0.45	28.11 2.31 -1.39	27.41 2.09 -0.24	31.73 2.55 -0.50	27.14 2.20 -0.20	29.98 2.26 -0.33	37.73 2.67 0.00	71.54 5.66 0.00	35.78 2.86 0.00	31.53 2.70 0.00	27.38 2.34 -0.03	27.03 1.83 -4.59	20.89 1.59 -0.87
BROOME_2_LFGE 323671	19.32 0.33 0.00	18.90 0.22 0.00	19.00 0.21 0.00	18.93 0.20 0.00	19.11 0.24 0.00	20.62 0.31 -0.05	22.37 0.40 0.00	27.45 0.45 0.00	22.87 0.41 0.00	22.28 0.41 0.00	24.19 0.47 0.00	25.52 0.52 0.00	24.85 0.44 0.00	25.65 0.57 0.00	29.27 0.59 0.00	25.28 0.54 0.00	27.96 0.56 0.00	35.70 0.63 0.00	66.96 1.08 0.00	33.55 0.63 0.00	29.41 0.57 0.00	25.41 0.39 -0.01	20.90 0.28 0.00	19.03 0.21 -0.39
BROOME___LFGE 323600	19.32 0.33 0.00	18.90 0.22 0.00	19.00 0.21 0.00	18.93 0.20 0.00	19.11 0.24 0.00	20.62 0.31 -0.05	22.37 0.40 0.00	27.45 0.45 0.00	22.87 0.41 0.00	22.28 0.41 0.00	24.19 0.47 0.00	25.52 0.52 0.00	24.85 0.44 0.00	25.65 0.57 0.00	29.27 0.59 0.00	25.28 0.54 0.00	27.96 0.56 0.00	35.70 0.63 0.00	66.96 1.08 0.00	33.55 0.63 0.00	29.41 0.57 0.00	25.41 0.39 -0.01	20.90 0.28 0.00	19.03 0.21 -0.39
BROWNFLS_115KV_TB_3_5 80003	18.90 -0.08 0.00	18.62 -0.06 0.00	18.74 -0.05 0.00	18.62 -0.10 0.00	18.66 -0.21 0.00	20.03 -0.25 -0.01	21.57 -0.39 0.00	26.41 -0.58 0.00	21.93 -0.53 0.00	21.37 -0.51 0.00	23.07 -0.64 0.00	24.19 -0.81 0.00	23.82 -0.60 0.00	24.39 -0.68 0.00	27.73 -0.95 0.00	23.89 -0.86 0.00	26.61 -0.79 0.00	34.39 -0.68 0.00	64.65 -1.23 0.00	32.10 -0.82 0.00	27.86 -0.97 0.00	24.12 -0.89 0.00	20.01 -0.61 0.00	17.95 -0.53 -0.05
BROWNSV1_27_KV_LOAD 356125	20.23 1.25 0.00	19.85 1.18 0.00	19.92 1.13 0.00	19.90 1.17 0.00	20.12 1.24 0.00	21.90 1.52 -0.10	23.76 1.80 0.00	29.31 2.31 0.00	24.25 1.79 0.00	23.63 1.75 0.00	25.83 1.95 -0.16	27.39 2.14 -0.25	26.80 2.15 -0.23	27.42 2.11 -0.24	31.80 2.62 -0.50	27.19 2.25 -0.20	30.04 2.31 -0.33	37.87 2.80 0.00	71.46 5.59 0.00	35.78 2.86 0.00	31.47 2.63 0.00	27.28 2.25 -0.03	22.36 1.75 0.00	20.80 1.50 -0.87
BURROWS___LYONSDAL 23803	19.29 0.30 0.00	18.93 0.25 0.00	19.06 0.27 0.00	18.96 0.24 0.00	19.09 0.21 0.00	20.61 0.33 -0.01	22.37 0.41 0.00	27.45 0.46 0.00	22.74 0.28 0.00	22.19 0.31 0.00	23.95 0.23 0.00	25.10 0.10 0.00	24.67 0.26 0.00	25.19 0.11 0.00	28.69 0.01 0.00	24.67 -0.07 0.00	27.44 0.04 0.00	35.46 0.40 0.00	66.36 0.48 0.00	33.06 0.14 0.00	28.77 -0.07 0.00	24.86 -0.15 0.00	20.47 -0.14 0.00	18.32 -0.17 -0.06
CAITHNESS_CC_1 323624	20.40 1.42 0.00	20.01 1.33 0.00	20.04 1.25 0.00	20.05 1.32 0.00	21.00 1.49 -0.63	36.51 1.72 -14.52	54.00 1.93 -30.10	29.11 2.11 0.00	24.05 1.59 0.00	23.26 1.38 0.00	25.53 1.66 -0.16	27.49 2.04 -0.45	27.97 2.17 -1.40	27.11 1.79 -0.24	31.32 2.14 -0.50	26.62 1.68 -0.20	29.45 1.73 -0.33	37.19 2.13 0.00	71.33 5.46 0.00	35.55 2.63 0.00	31.28 2.44 0.00	27.24 2.21 -0.03	23.31 1.65 -1.04	20.80 1.50 -0.87
CALPINE BETH_PAGE_GT4 24209	20.36 1.37 0.00	19.98 1.31 0.00	20.02 1.23 0.00	20.00 1.28 0.00	20.96 1.45 -0.63	36.48 1.70 -14.52	53.95 1.89 -30.10	29.13 2.13 0.00	24.04 1.58 0.00	23.31 1.44 0.00	25.59 1.71 -0.16	27.47 2.02 -0.45	27.97 2.16 -1.39	27.21 1.89 -0.24	31.48 2.30 -0.50	26.88 1.94 -0.20	29.69 1.96 -0.33	37.36 2.30 0.00	70.96 5.09 0.00	35.47 2.55 0.00	31.32 2.48 0.00	27.24 2.21 -0.03	26.01 1.80 -3.59	20.87 1.57 -0.87
CALPINE_BETH_PAGE_GT_4 323586	20.36 1.37 0.00	19.98 1.30 0.00	20.02 1.23 0.00	20.00 1.28 0.00	20.95 1.45 -0.63	36.48 1.69 -14.52	53.95 1.89 -30.10	29.12 2.12 0.00	24.04 1.58 0.00	23.33 1.46 0.00	25.59 1.71 -0.16	27.52 2.07 -0.45	27.97 2.16 -1.40	27.21 1.89 -0.24	31.48 2.30 -0.50	26.88 1.94 -0.20	29.69 1.96 -0.33	37.37 2.30 0.00	70.92 5.04 0.00	35.47 2.55 0.00	31.32 2.48 0.00	27.26 2.23 -0.03	26.03 1.82 -3.59	20.87 1.57 -0.87
CALPINE_BP_GT1 23823	20.36 1.37 0.00	19.98 1.30 0.00	20.02 1.23 0.00	20.00 1.28 0.00	20.95 1.45 -0.63	36.48 1.69 -14.52	53.95 1.89 -30.10	29.12 2.12 0.00	24.04 1.58 0.00	23.33 1.46 0.00	25.59 1.71 -0.16	27.52 2.07 -0.45	27.97 2.16 -1.40	27.21 1.89 -0.24	31.48 2.30 -0.50	26.88 1.94 -0.20	29.69 1.96 -0.33	37.37 2.30 0.00	70.92 5.04 0.00	35.47 2.55 0.00	31.32 2.48 0.00	27.26 2.23 -0.03	26.03 1.82 -3.59	20.87 1.57 -0.87
CALSPAN___DRP 24200	18.68 -0.31 0.00	18.22 -0.46 0.00	18.39 -0.40 0.00	18.21 -0.51 0.00	18.30 -0.57 0.00	19.78 -0.53 -0.03	21.11 -0.66 0.19	25.93 -1.06 0.00	21.95 -0.51 0.00	21.65 -0.23 0.00	23.65 -0.06 0.00	25.01 0.00 0.00	24.09 -0.32 0.00	25.08 0.00 0.00	28.26 -0.42 0.00	24.48 -0.26 0.00	27.24 -0.15 0.00	34.71 -0.35 0.00	64.64 -1.24 0.00	32.49 -0.43 0.00	28.39 -0.45 0.00	24.08 -0.71 0.22	20.09 -0.53 0.00	18.12 -0.56 -0.25
CALVERTON___SOLAR 323806	20.51 1.53 0.00	20.11 1.43 0.00	20.15 1.36 0.00	20.16 1.43 0.00	21.10 1.60 -0.63	36.64 1.85 -14.52	54.15 2.09 -30.10	29.31 2.32 0.00	24.23 1.77 0.00	23.39 1.51 0.00	25.66 1.78 -0.16	27.63 2.18 -0.45	28.10 2.30 -1.40	27.19 1.87 -0.24	31.39 2.21 -0.50	26.66 1.71 -0.20	29.52 1.79 -0.33	37.31 2.24 0.00	71.85 5.98 0.00	35.74 2.82 0.00	31.39 2.55 0.00	27.33 2.29 -0.03	23.38 1.71 -1.05	20.86 1.56 -0.87
CANDIGU_WT_PWR 323617	18.75 -0.23 0.00	18.24 -0.43 0.00	18.34 -0.45 0.00	18.24 -0.49 0.00	18.37 -0.50 0.00	19.92 -0.39 -0.04	20.65 -0.30 1.01	26.37 -0.61 0.03	22.19 -0.27 0.00	21.75 -0.12 0.00	23.77 0.06 0.00	25.08 0.08 0.00	24.30 -0.11 0.00	25.27 0.19 0.00	28.62 -0.06 0.00	24.84 0.10 0.00	27.54 0.15 0.00	35.14 0.07 0.00	64.99 -0.89 0.00	32.30 -0.62 0.00	28.19 -0.65 0.00	23.01 -0.79 1.21	19.93 -0.69 0.00	18.04 -0.69 -0.30

CARR STREET_E__SYR 24060	18.88 -0.10 0.00	18.52 -0.16 0.00	18.63 -0.17 0.00	18.55 -0.17 0.00	18.71 -0.17 0.00	20.13 -0.16 -0.02	21.76 -0.21 0.00	26.72 -0.28 0.00	22.27 -0.19 0.00	21.74 -0.13 0.00	23.63 -0.08 0.00	24.93 -0.07 0.00	24.29 -0.13 0.00	25.02 -0.05 0.00	28.57 -0.11 0.00	24.67 -0.08 0.00	27.33 -0.07 0.00	34.99 -0.08 0.00	65.65 -0.22 0.00	32.86 -0.05 0.00	28.81 -0.03 0.00	24.98 -0.04 -0.01	20.56 -0.06 0.00	18.52 -0.09 -0.19
CARTHAGE__PAPER 23857	19.12 0.13 0.00	18.76 0.08 0.00	18.91 0.12 0.00	18.79 0.07 0.00	18.91 0.03 0.00	20.44 0.16 -0.01	22.17 0.20 0.00	27.15 0.16 0.00	22.46 0.00 0.00	21.87 0.00 0.00	23.58 -0.13 0.00	24.55 -0.45 0.00	24.32 -0.09 0.00	24.94 -0.13 0.00	28.29 -0.39 0.00	24.28 -0.47 0.00	27.10 -0.29 0.00	35.18 0.11 0.00	65.94 0.06 0.00	32.78 -0.14 0.00	28.33 -0.51 0.00	24.42 -0.59 0.00	20.14 -0.48 0.00	18.01 -0.51 -0.09
CASSADAGA_WT_PWR 323784	18.51 -0.47 0.00	18.22 -0.45 0.00	18.31 -0.48 0.00	18.13 -0.60 0.00	18.29 -0.58 0.00	19.72 -0.59 -0.03	21.24 -0.58 0.14	26.32 -0.67 0.00	22.29 -0.16 0.00	22.01 0.13 0.00	24.16 0.44 0.00	25.61 0.61 0.00	24.74 0.33 0.00	25.77 0.69 0.00	29.06 0.39 0.00	25.20 0.46 0.00	28.02 0.63 0.00	35.58 0.51 0.00	65.07 -0.81 0.00	32.36 -0.56 0.00	28.29 -0.55 0.00	24.00 -0.86 0.16	19.96 -0.66 0.00	17.93 -0.76 -0.26
CE_DUNWOOD__DRP 24194	19.96 0.98 0.00	19.60 0.93 0.00	19.68 0.89 0.00	19.66 0.94 0.00	19.89 1.02 0.00	21.61 1.24 -0.10	23.41 1.45 0.00	28.82 1.82 0.00	23.85 1.39 0.00	23.20 1.33 0.00	25.37 1.49 -0.16	26.89 1.64 -0.25	26.32 1.67 -0.23	26.94 1.62 -0.24	31.23 2.05 -0.50	26.69 1.75 -0.20	29.50 1.77 -0.33	37.21 2.14 0.00	70.24 4.37 0.00	35.17 2.25 0.00	30.88 2.05 0.00	26.79 1.75 -0.03	21.99 1.37 0.00	20.49 1.19 -0.87
CE_MILLWOOD__DRP 24193	19.93 0.94 0.00	19.57 0.90 0.00	19.65 0.86 0.00	19.64 0.91 0.00	19.86 0.98 0.00	21.58 1.20 -0.10	23.37 1.41 0.00	28.76 1.77 0.00	23.81 1.35 0.00	23.15 1.28 0.00	25.30 1.43 -0.16	26.83 1.58 -0.25	26.25 1.61 -0.23	26.88 1.57 -0.24	31.16 1.99 -0.49	26.63 1.69 -0.20	29.43 1.71 -0.32	37.13 2.07 0.00	70.11 4.24 0.00	35.11 2.19 0.00	30.82 1.99 0.00	26.74 1.70 -0.03	21.95 1.33 0.00	20.45 1.16 -0.87
CE_NYC2_DRP 24202	20.01 1.03 0.00	19.66 0.98 0.00	19.72 0.93 0.00	19.71 0.99 0.00	19.94 1.07 0.00	21.71 1.34 -0.10	23.51 1.54 0.00	29.01 2.02 0.00	24.01 1.55 0.00	23.39 1.52 0.00	25.56 1.69 -0.16	27.10 1.84 -0.25	26.51 1.86 -0.23	27.13 1.82 -0.24	31.46 2.28 -0.50	26.89 1.95 -0.20	29.68 1.96 -0.33	37.39 2.33 0.00	70.56 4.69 0.00	35.35 2.43 0.00	31.11 2.27 0.00	26.98 1.95 -0.03	22.12 1.50 0.00	20.60 1.30 -0.87
CE_NYC_DRP 24195	20.09 1.10 0.00	19.72 1.04 0.00	19.79 1.00 0.00	19.77 1.05 0.00	19.99 1.12 0.00	21.76 1.38 -0.10	23.58 1.62 0.00	29.07 2.08 0.00	24.06 1.60 0.00	23.44 1.57 0.00	25.63 1.76 -0.16	27.18 1.93 -0.25	26.59 1.94 -0.23	27.22 1.90 -0.24	31.57 2.39 -0.50	26.98 2.04 -0.20	29.80 2.08 -0.33	37.57 2.51 0.00	70.88 5.01 0.00	35.49 2.57 0.00	31.19 2.35 0.00	27.06 2.02 -0.03	22.19 1.57 0.00	20.66 1.36 -0.87
CHAFFEE__LFGE 323603	18.74 -0.24 0.00	18.28 -0.40 0.00	18.44 -0.35 0.00	18.26 -0.46 0.00	18.35 -0.52 0.00	19.84 -0.46 -0.03	21.25 -0.56 0.16	26.08 -0.91 0.00	22.08 -0.38 0.00	21.73 -0.14 0.00	23.73 0.02 0.00	25.04 0.04 0.00	24.14 -0.27 0.00	25.18 0.10 0.00	28.36 -0.32 0.00	24.59 -0.16 0.00	27.36 -0.04 0.00	34.89 -0.17 0.00	64.96 -0.92 0.00	32.69 -0.23 0.00	28.56 -0.27 0.00	24.24 -0.59 0.18	20.18 -0.43 0.00	18.20 -0.48 -0.25
CHATEAUG_35_KV_LOAD 355732	19.32 0.33 0.00	19.29 0.61 0.00	19.36 0.57 0.00	19.18 0.45 0.00	19.18 0.30 0.00	20.43 0.16 0.00	21.93 -0.04 0.00	26.83 -0.17 0.00	22.67 0.21 0.00	21.99 0.11 0.00	23.78 0.07 0.00	25.20 0.20 0.00	24.71 0.30 0.00	25.41 0.34 0.00	28.98 0.30 0.00	24.99 0.25 0.00	27.79 0.39 0.00	35.64 0.57 0.00	67.02 1.14 0.00	33.02 0.10 0.00	28.79 -0.05 0.00	24.88 -0.13 0.00	20.71 0.09 0.00	18.78 0.35 0.00
CHATEAUG_WT_PWR 323614	19.29 0.31 0.00	19.29 0.61 0.00	19.35 0.56 0.00	19.17 0.45 0.00	19.18 0.31 0.00	20.42 0.14 0.00	21.90 -0.06 0.00	26.71 -0.29 0.00	22.62 0.16 0.00	21.92 0.05 0.00	23.72 0.01 0.00	25.15 0.15 0.00	24.66 0.24 0.00	25.37 0.29 0.00	28.95 0.27 0.00	24.94 0.20 0.00	27.72 0.33 0.00	35.57 0.50 0.00	66.97 1.09 0.00	32.98 0.06 0.00	28.74 -0.10 0.00	24.88 -0.13 0.00	20.70 0.08 0.00	18.79 0.36 0.00
CHAT_HIGH_FALL_HYD 323578	19.32 0.33 0.00	19.29 0.61 0.00	19.36 0.56 0.00	19.18 0.45 0.00	19.18 0.30 0.00	20.43 0.16 0.00	21.93 -0.04 0.00	26.82 -0.17 0.00	22.67 0.21 0.00	21.99 0.11 0.00	23.78 0.07 0.00	25.21 0.21 0.00	24.71 0.30 0.00	25.41 0.34 0.00	28.98 0.30 0.00	24.99 0.25 0.00	27.79 0.39 0.00	35.64 0.57 0.00	67.00 1.13 0.00	33.02 0.10 0.00	28.79 -0.05 0.00	24.89 -0.12 0.00	20.71 0.09 0.00	18.78 0.35 0.00
CHAUTAUQUA__LFGE 323629	18.73 -0.25 0.00	18.32 -0.36 0.00	18.45 -0.35 0.00	18.27 -0.45 0.00	18.40 -0.48 0.00	19.87 -0.44 -0.03	21.32 -0.48 0.17	26.24 -0.75 0.00	22.22 -0.24 0.00	21.87 0.00 0.00	23.95 0.24 0.00	25.32 0.32 0.00	24.45 0.04 0.00	25.51 0.43 0.00	28.73 0.06 0.00	24.91 0.17 0.00	27.68 0.29 0.00	35.21 0.14 0.00	65.10 -0.78 0.00	32.66 -0.26 0.00	28.53 -0.31 0.00	24.20 -0.62 0.19	20.15 -0.47 0.00	18.16 -0.53 -0.25
CHERRYST_13_KV_LD 356241	20.14 1.15 0.00	19.77 1.09 0.00	19.83 1.04 0.00	19.81 1.09 0.00	20.04 1.17 0.00	21.81 1.44 -0.10	23.65 1.69 0.00	29.17 2.17 0.00	24.13 1.67 0.00	23.52 1.65 0.00	25.73 1.85 -0.16	27.27 2.02 -0.25	26.68 2.03 -0.23	27.31 2.00 -0.24	31.67 2.49 -0.50	27.08 2.13 -0.20	29.91 2.19 -0.33	37.69 2.63 0.00	71.09 5.22 0.00	35.59 2.67 0.00	31.28 2.44 0.00	27.12 2.09 -0.03	22.24 1.62 0.00	20.71 1.40 -0.87
CHESTROR_138KV_BK263 355645	19.91 0.93 0.00	19.54 0.87 0.00	19.64 0.85 0.00	19.61 0.89 0.00	19.82 0.95 0.00	21.52 1.15 -0.10	23.34 1.37 0.00	28.73 1.74 0.00	23.78 1.32 0.00	23.07 1.19 0.00	25.15 1.31 -0.13	26.64 1.44 -0.20	26.03 1.44 -0.18	26.70 1.43 -0.19	30.89 1.82 -0.39	26.49 1.58 -0.16	29.29 1.63 -0.26	37.12 2.06 0.00	70.11 4.23 0.00	35.09 2.17 0.00	30.80 1.96 0.00	26.64 1.61 -0.02	21.77 1.15 0.00	20.20 0.99 -0.78
CH_MIDHUDSON__DRP 24192	19.90 0.92 0.00	19.56 0.88 0.00	19.65 0.85 0.00	19.63 0.91 0.00	19.85 0.98 0.00	21.55 1.17 -0.11	23.33 1.37 0.00	28.71 1.71 0.00	23.78 1.32 0.00	23.10 1.23 0.00	25.15 1.34 -0.10	26.63 1.47 -0.16	26.04 1.48 -0.15	26.67 1.44 -0.15	30.81 1.82 -0.31	26.43 1.56 -0.12	29.19 1.59 -0.20	37.02 1.96 0.00	69.91 4.04 0.00	35.01 2.09 0.00	30.73 1.90 0.00	26.64 1.61 -0.03	21.89 1.27 0.00	20.42 1.11 -0.88

CH_MISC_IPPS 23765	20.01 1.02 0.00	19.65 0.98 0.00	19.74 0.95 0.00	19.72 1.00 0.00	19.95 1.07 0.00	21.66 1.28 -0.10	23.48 1.52 0.00	28.95 1.96 0.00	24.02 1.56 0.00	23.30 1.42 0.00	25.38 1.55 -0.12	26.88 1.69 -0.19	26.27 1.68 -0.17	26.91 1.66 -0.18	31.13 2.08 -0.37	26.68 1.79 -0.15	29.50 1.87 -0.24	37.38 2.31 0.00	70.60 4.73 0.00	35.34 2.42 0.00	31.02 2.18 0.00	26.88 1.85 -0.03	22.07 1.45 0.00	20.55 1.25 -0.86
CH_RES_BVR_FALLS 23983	18.66 -0.32 0.00	18.45 -0.23 0.00	18.58 -0.21 0.00	18.39 -0.33 0.00	18.53 -0.34 0.00	19.91 -0.36 0.00	21.53 -0.43 0.00	26.47 -0.53 0.00	22.00 -0.46 0.00	21.52 -0.36 0.00	23.37 -0.34 0.00	24.59 -0.41 0.00	24.09 -0.32 0.00	24.70 -0.38 0.00	28.22 -0.46 0.00	24.29 -0.45 0.00	26.97 -0.42 0.00	34.53 -0.54 0.00	64.00 -1.88 0.00	31.63 -1.29 0.00	21.99 -1.29 5.57	-9.97 -1.15 33.83	19.73 -0.89 0.00	17.70 -0.73 0.00
CH_RES_NIAGARA 23895	18.05 -0.94 0.00	17.63 -1.05 0.00	17.80 -0.99 0.00	17.62 -1.10 0.00	17.67 -1.20 0.00	19.06 -1.24 -0.03	20.28 -1.53 0.15	24.70 -2.29 0.01	20.91 -1.55 0.00	20.68 -1.20 0.00	22.66 -1.05 0.00	23.86 -1.14 0.00	22.96 -1.46 0.00	23.98 -1.10 0.00	26.94 -1.73 0.00	23.51 -1.24 0.00	26.15 -1.25 0.00	33.30 -1.77 0.00	62.13 -3.75 0.00	31.33 -1.60 0.00	27.27 -1.57 0.00	23.24 -1.60 0.17	19.43 -1.19 0.00	17.56 -1.11 -0.24
CH_RES_SYRACUSE 23985	19.09 0.11 0.00	18.74 0.06 0.00	18.83 0.05 0.00	18.76 0.04 0.00	18.93 0.06 0.00	20.39 0.09 -0.02	22.07 0.10 0.00	27.09 0.09 0.00	22.54 0.08 0.00	21.97 0.10 0.00	23.83 0.12 0.00	25.13 0.13 0.00	24.49 0.07 0.00	25.20 0.13 0.00	28.79 0.11 0.00	24.88 0.13 0.00	27.56 0.16 0.00	35.31 0.25 0.00	66.24 0.36 0.00	33.17 0.25 0.00	29.07 0.24 0.00	25.18 0.16 -0.01	20.72 0.10 0.00	18.68 0.05 -0.20
CLINTON_WT_PWR 323605	19.29 0.31 0.00	19.29 0.61 0.00	19.35 0.56 0.00	19.17 0.45 0.00	19.18 0.31 0.00	20.42 0.14 0.00	21.90 -0.06 0.00	26.71 -0.29 0.00	22.62 0.16 0.00	21.92 0.05 0.00	23.72 0.01 0.00	25.15 0.15 0.00	24.66 0.24 0.00	25.37 0.29 0.00	28.95 0.27 0.00	24.94 0.20 0.00	27.72 0.33 0.00	35.57 0.50 0.00	66.97 1.09 0.00	32.98 0.06 0.00	28.74 -0.10 0.00	24.88 -0.13 0.00	20.70 0.08 0.00	18.79 0.36 0.00
CLINTON__LFGE 323618	19.48 0.50 0.00	19.55 0.87 0.00	19.60 0.81 0.00	19.42 0.70 0.00	19.41 0.54 0.00	20.64 0.36 0.00	22.12 0.15 0.00	26.91 -0.08 0.00	22.89 0.43 0.00	22.17 0.29 0.00	24.01 0.30 0.00	25.43 0.43 0.00	24.92 0.51 0.00	25.63 0.56 0.00	29.23 0.55 0.00	25.18 0.43 0.00	27.99 0.60 0.00	35.95 0.88 0.00	67.99 2.11 0.00	33.51 0.59 0.00	29.17 0.33 0.00	25.24 0.22 0.00	20.97 0.35 0.00	19.02 0.58 0.00
COBBLENY_34_KV_TB1 80064	18.74 -0.24 0.00	18.28 -0.40 0.00	18.44 -0.35 0.00	18.26 -0.46 0.00	18.35 -0.52 0.00	19.84 -0.47 -0.03	21.24 -0.57 0.16	26.08 -0.92 0.00	22.08 -0.37 0.00	21.75 -0.12 0.00	23.73 0.02 0.00	25.08 0.08 0.00	24.17 -0.24 0.00	25.18 0.11 0.00	28.36 -0.32 0.00	24.59 -0.16 0.00	27.37 -0.03 0.00	34.89 -0.17 0.00	64.99 -0.88 0.00	32.69 -0.23 0.00	28.56 -0.28 0.00	24.26 -0.57 0.18	20.20 -0.42 0.00	18.20 -0.49 -0.25
COFFEEN__115KV_TB3 355620	19.12 0.14 0.00	18.74 0.06 0.00	18.89 0.10 0.00	18.77 0.05 0.00	18.91 0.04 0.00	20.49 0.20 -0.01	22.27 0.30 0.00	27.28 0.28 0.00	22.57 0.11 0.00	21.97 0.10 0.00	23.69 -0.02 0.00	24.61 -0.39 0.00	24.40 -0.01 0.00	25.08 0.01 0.00	28.45 -0.23 0.00	24.39 -0.36 0.00	27.18 -0.21 0.00	35.29 0.22 0.00	66.27 0.39 0.00	33.00 0.08 0.00	28.52 -0.31 0.00	24.56 -0.45 0.00	20.23 -0.39 0.00	18.06 -0.47 -0.10
COLDSPRG_115KV_BK1 355956	19.32 0.33 0.00	18.89 0.21 0.00	19.02 0.23 0.00	18.87 0.15 0.00	19.04 0.16 0.00	20.59 0.29 -0.03	22.27 0.40 0.09	27.45 0.46 0.00	23.17 0.71 0.00	22.80 0.93 0.00	24.89 1.18 0.00	26.33 1.33 0.00	25.45 1.03 0.00	26.42 1.35 0.00	29.88 1.20 0.00	25.83 1.09 0.00	28.65 1.25 0.00	36.46 1.39 0.00	67.48 1.61 0.00	33.79 0.87 0.00	29.53 0.69 0.00	25.16 0.26 0.10	20.84 0.22 0.00	18.76 0.07 -0.26
COLONIE_LFGE__ 323577	19.60 0.62 0.00	19.28 0.60 0.00	19.37 0.58 0.00	19.37 0.65 0.00	19.61 0.73 0.00	21.26 0.87 -0.13	22.97 1.01 0.00	28.21 1.21 0.00	23.44 0.98 0.00	22.73 0.86 0.00	24.45 0.93 0.20	25.67 0.97 0.31	25.08 0.95 0.28	25.74 0.96 0.30	29.28 1.21 0.61	25.48 0.98 0.25	27.99 1.00 0.40	36.36 1.30 0.00	68.63 2.76 0.00	34.28 1.36 0.00	30.04 1.20 0.00	26.07 1.03 -0.03	21.45 0.83 0.00	20.25 0.75 -1.07
COOPERNY_115KV_TB1 80082	19.64 0.66 0.00	19.28 0.61 0.00	19.39 0.60 0.00	19.35 0.63 0.00	19.55 0.68 0.00	21.15 0.81 -0.07	22.93 0.96 0.00	28.20 1.21 0.00	23.37 0.91 0.00	22.73 0.85 0.00	24.74 0.95 -0.08	26.16 1.04 -0.12	25.57 1.04 -0.11	26.23 1.04 -0.12	30.24 1.32 -0.24	25.96 1.12 -0.10	28.69 1.14 -0.16	36.45 1.39 0.00	68.71 2.84 0.00	34.39 1.48 0.00	30.20 1.36 0.00	26.18 1.15 -0.02	21.52 0.90 0.00	19.82 0.77 -0.62
COPENHAGEN_WT_PWR 323753	18.91 -0.07 0.00	18.54 -0.14 0.00	18.70 -0.09 0.00	18.58 -0.14 0.00	18.72 -0.16 0.00	20.28 -0.01 -0.01	22.00 0.04 0.00	26.93 -0.07 0.00	22.27 -0.19 0.00	21.69 -0.19 0.00	23.38 -0.34 0.00	24.44 -0.56 0.00	24.22 -0.20 0.00	24.90 -0.18 0.00	28.20 -0.48 0.00	24.13 -0.61 0.00	26.97 -0.42 0.00	34.90 -0.17 0.00	65.22 -0.66 0.00	32.46 -0.46 0.00	27.99 -0.85 0.00	24.12 -0.89 0.00	19.89 -0.73 0.00	17.76 -0.78 -0.11
CORNELL____ 23752	19.56 0.58 0.00	19.15 0.47 0.00	19.23 0.44 0.00	19.15 0.43 0.00	19.32 0.45 0.00	20.85 0.54 -0.04	22.73 0.70 -0.06	27.87 0.87 0.00	23.15 0.69 0.00	22.54 0.67 0.00	24.35 0.64 0.00	25.66 0.66 0.00	24.96 0.55 0.00	25.71 0.63 0.00	29.36 0.68 0.00	25.41 0.66 0.00	28.15 0.76 0.00	36.13 1.07 0.00	67.89 2.02 0.00	33.97 1.05 0.00	29.76 0.92 0.00	25.78 0.69 -0.08	21.13 0.51 0.00	19.13 0.40 -0.30
CORONAAV_69_KV_TB1 355595	20.34 1.35 0.00	19.96 1.28 0.00	20.00 1.21 0.00	20.01 1.28 0.00	20.94 1.43 -0.63	36.45 1.66 -14.52	53.98 1.91 -30.10	29.18 2.18 0.00	24.07 1.61 0.00	23.41 1.53 0.00	25.66 1.79 -0.16	27.55 2.10 -0.45	28.01 2.20 -1.39	27.32 2.00 -0.24	31.61 2.43 -0.50	27.05 2.11 -0.20	29.84 2.12 -0.33	37.60 2.54 0.00	71.20 5.32 0.00	35.64 2.72 0.00	31.43 2.59 0.00	27.31 2.27 -0.03	37.46 1.75 -15.08	20.85 1.55 -0.87
CORTLAND_115KV_TB3 80093	19.39 0.40 0.00	18.99 0.31 0.00	19.08 0.29 0.00	19.00 0.28 0.00	19.17 0.30 0.00	20.69 0.38 -0.03	22.49 0.50 -0.02	27.61 0.62 0.00	22.91 0.45 0.00	22.36 0.49 0.00	24.18 0.46 0.00	25.48 0.48 0.00	24.82 0.41 0.00	25.56 0.48 0.00	29.18 0.50 0.00	25.20 0.46 0.00	27.93 0.53 0.00	35.81 0.75 0.00	67.18 1.30 0.00	33.64 0.72 0.00	29.50 0.66 0.00	25.52 0.50 -0.01	20.98 0.36 0.00	18.96 0.27 -0.26

COXSACKIE___GT 23611	20.09 1.11 0.00	19.75 1.08 0.00	19.86 1.07 0.00	19.84 1.11 0.00	20.03 1.16 0.00	21.81 1.42 -0.12	23.66 1.69 0.00	29.28 2.29 0.00	24.31 1.85 0.00	23.21 1.34 0.00	25.24 1.60 0.07	26.36 1.47 0.11	25.48 1.18 0.10	26.22 1.26 0.11	30.22 1.76 0.22	26.24 1.59 0.09	28.99 1.74 0.15	37.54 2.47 0.00	71.08 5.21 0.00	35.52 2.60 0.00	31.08 2.25 0.00	26.87 1.83 -0.03	22.06 1.44 0.00	20.62 1.19 -1.00
CPV_VALLEY___CC1 323721	19.73 0.74 0.00	19.37 0.70 0.00	19.47 0.68 0.00	19.44 0.72 0.00	19.64 0.76 0.00	21.30 0.94 -0.09	23.08 1.11 0.00	28.39 1.39 0.00	23.52 1.06 0.00	22.87 0.99 0.00	24.92 1.10 -0.11	26.39 1.22 -0.17	25.80 1.23 -0.16	26.45 1.21 -0.16	30.57 1.56 -0.33	26.21 1.33 -0.13	28.95 1.34 -0.22	36.69 1.62 0.00	69.21 3.34 0.00	34.65 1.73 0.00	30.42 1.58 0.00	26.39 1.36 -0.02	21.67 1.05 0.00	20.06 0.91 -0.72
CPV_VALLEY___CC2 323722	19.73 0.74 0.00	19.37 0.70 0.00	19.47 0.68 0.00	19.44 0.72 0.00	19.64 0.76 0.00	21.30 0.94 -0.09	23.08 1.11 0.00	28.39 1.39 0.00	23.52 1.06 0.00	22.87 0.99 0.00	24.92 1.10 -0.11	26.39 1.22 -0.17	25.80 1.23 -0.16	26.45 1.21 -0.16	30.57 1.56 -0.33	26.21 1.33 -0.13	28.95 1.34 -0.22	36.69 1.62 0.00	69.21 3.34 0.00	34.65 1.73 0.00	30.42 1.58 0.00	26.39 1.36 -0.02	21.67 1.05 0.00	20.06 0.91 -0.72
CRESCENT___HYD 24018	19.60 0.62 0.00	19.28 0.60 0.00	19.37 0.58 0.00	19.37 0.65 0.00	19.61 0.73 0.00	21.26 0.87 -0.13	22.97 1.01 0.00	28.21 1.21 0.00	23.44 0.98 0.00	22.73 0.86 0.00	24.45 0.93 0.20	25.67 0.97 0.31	25.08 0.95 0.28	25.74 0.96 0.30	29.28 1.21 0.61	25.48 0.98 0.25	27.99 1.00 0.40	36.36 1.30 0.00	68.63 2.76 0.00	34.28 1.36 0.00	30.04 1.20 0.00	26.07 1.03 -0.03	21.45 0.83 0.00	20.25 0.75 -1.07
CRICKET___VALLEY_CC1 323756	19.63 0.64 0.00	19.32 0.64 0.00	19.40 0.60 0.00	19.39 0.67 0.00	19.62 0.75 0.00	21.29 0.91 -0.11	22.99 1.02 0.00	28.24 1.25 0.00	23.39 0.93 0.00	22.73 0.86 0.00	22.10 0.92 2.53	22.08 1.03 3.95	21.81 1.05 3.66	22.27 1.01 3.82	22.18 1.34 7.84	22.72 1.12 3.14	23.38 1.10 5.12	36.42 1.35 0.00	68.83 2.96 0.00	34.46 1.54 0.00	30.24 1.41 0.00	26.22 1.18 -0.03	21.59 0.98 0.00	20.22 0.88 -0.91
CRICKET___VALLEY_CC2 323757	19.63 0.64 0.00	19.32 0.64 0.00	19.40 0.60 0.00	19.39 0.67 0.00	19.62 0.75 0.00	21.29 0.91 -0.11	22.99 1.02 0.00	28.24 1.25 0.00	23.39 0.93 0.00	22.73 0.86 0.00	22.10 0.92 2.53	22.08 1.03 3.95	21.81 1.05 3.66	22.27 1.01 3.82	22.18 1.34 7.84	22.72 1.12 3.14	23.38 1.10 5.12	36.42 1.35 0.00	68.83 2.96 0.00	34.46 1.54 0.00	30.24 1.41 0.00	26.22 1.18 -0.03	21.59 0.98 0.00	20.22 0.88 -0.91
CRICKET___VALLEY_CC3 323758	19.63 0.64 0.00	19.32 0.64 0.00	19.40 0.60 0.00	19.39 0.67 0.00	19.62 0.75 0.00	21.29 0.91 -0.11	22.99 1.02 0.00	28.24 1.25 0.00	23.39 0.93 0.00	22.73 0.86 0.00	22.10 0.92 2.53	22.08 1.03 3.95	21.81 1.05 3.66	22.27 1.01 3.82	22.18 1.34 7.84	22.72 1.12 3.14	23.38 1.10 5.12	36.42 1.35 0.00	68.83 2.96 0.00	34.46 1.54 0.00	30.24 1.41 0.00	26.22 1.18 -0.03	21.59 0.98 0.00	20.22 0.88 -0.91
CRUCIBLE_METL_DRP 24180	19.09 0.11 0.00	18.74 0.06 0.00	18.83 0.05 0.00	18.76 0.04 0.00	18.93 0.06 0.00	20.38 0.09 -0.02	22.07 0.10 0.00	27.08 0.09 0.00	22.54 0.08 0.00	21.98 0.10 0.00	23.83 0.12 0.00	25.14 0.14 0.00	24.49 0.08 0.00	25.20 0.13 0.00	28.79 0.12 0.00	24.87 0.13 0.00	27.56 0.16 0.00	35.31 0.25 0.00	66.24 0.37 0.00	33.17 0.25 0.00	29.07 0.24 0.00	25.18 0.17 -0.01	20.73 0.11 0.00	18.68 0.05 -0.20
DAHOWA___HYDRO 323763	19.82 0.84 0.00	19.49 0.81 0.00	19.61 0.82 0.00	19.61 0.89 0.00	19.94 1.06 0.00	21.65 1.25 -0.13	23.43 1.47 0.00	28.86 1.87 0.00	23.99 1.53 0.00	23.23 1.35 0.00	24.99 1.44 0.16	26.26 1.51 0.25	25.62 1.44 0.23	26.29 1.45 0.24	29.97 1.79 0.49	26.07 1.52 0.20	28.62 1.55 0.32	37.07 2.00 0.00	70.07 4.19 0.00	35.01 2.09 0.00	30.62 1.78 0.00	26.54 1.50 -0.03	21.81 1.19 0.00	20.52 1.01 -1.08
DANC___LFGE 323619	18.83 -0.16 0.00	18.46 -0.22 0.00	18.61 -0.18 0.00	18.50 -0.22 0.00	18.64 -0.24 0.00	20.15 -0.14 -0.02	21.85 -0.11 0.00	26.77 -0.22 0.00	22.19 -0.27 0.00	21.60 -0.27 0.00	23.33 -0.38 0.00	24.46 -0.54 0.00	24.08 -0.34 0.00	24.77 -0.31 0.00	28.16 -0.52 0.00	24.16 -0.58 0.00	26.90 -0.49 0.00	34.71 -0.36 0.00	65.01 -0.86 0.00	32.44 -0.48 0.00	28.15 -0.69 0.00	24.35 -0.67 0.00	20.07 -0.55 0.00	17.97 -0.59 -0.13
DANSKAMMER___1 23586	20.01 1.02 0.00	19.65 0.98 0.00	19.74 0.95 0.00	19.72 1.00 0.00	19.95 1.07 0.00	21.66 1.28 -0.10	23.48 1.52 0.00	28.95 1.96 0.00	24.02 1.56 0.00	23.30 1.42 0.00	25.38 1.55 -0.12	26.88 1.69 -0.19	26.27 1.68 -0.17	26.91 1.66 -0.18	31.13 2.08 -0.37	26.68 1.79 -0.15	29.50 1.87 -0.24	37.38 2.31 0.00	70.60 4.73 0.00	35.34 2.42 0.00	31.02 2.18 0.00	26.88 1.85 -0.03	22.07 1.45 0.00	20.55 1.25 -0.86
DANSKAMMER___2 23589	20.01 1.02 0.00	19.65 0.98 0.00	19.74 0.95 0.00	19.72 1.00 0.00	19.95 1.07 0.00	21.66 1.28 -0.10	23.48 1.52 0.00	28.95 1.96 0.00	24.02 1.56 0.00	23.30 1.42 0.00	25.38 1.55 -0.12	26.88 1.69 -0.19	26.27 1.68 -0.17	26.91 1.66 -0.18	31.13 2.08 -0.37	26.68 1.79 -0.15	29.50 1.87 -0.24	37.38 2.31 0.00	70.60 4.73 0.00	35.34 2.42 0.00	31.02 2.18 0.00	26.88 1.85 -0.03	22.07 1.45 0.00	20.55 1.25 -0.86
DANSKAMMER___3 23590	20.01 1.02 0.00	19.65 0.98 0.00	19.74 0.95 0.00	19.72 1.00 0.00	19.95 1.07 0.00	21.66 1.28 -0.10	23.48 1.52 0.00	28.95 1.96 0.00	24.02 1.56 0.00	23.30 1.42 0.00	25.38 1.55 -0.12	26.88 1.69 -0.19	26.27 1.68 -0.17	26.91 1.66 -0.18	31.13 2.08 -0.37	26.68 1.79 -0.15	29.50 1.87 -0.24	37.38 2.31 0.00	70.60 4.73 0.00	35.34 2.42 0.00	31.02 2.18 0.00	26.88 1.85 -0.03	22.07 1.45 0.00	20.55 1.25 -0.86
DANSKAMMER___4 23591	20.01 1.02 0.00	19.65 0.98 0.00	19.74 0.95 0.00	19.72 1.00 0.00	19.95 1.07 0.00	21.66 1.28 -0.10	23.48 1.52 0.00	28.95 1.96 0.00	24.02 1.56 0.00	23.30 1.42 0.00	25.38 1.55 -0.12	26.88 1.69 -0.19	26.27 1.68 -0.17	26.91 1.66 -0.18	31.13 2.08 -0.37	26.68 1.79 -0.15	29.50 1.87 -0.24	37.38 2.31 0.00	70.60 4.73 0.00	35.34 2.42 0.00	31.02 2.18 0.00	26.88 1.85 -0.03	22.07 1.45 0.00	20.55 1.25 -0.86
DANSKAMMER___DIESEL 23592	20.01 1.02 0.00	19.65 0.98 0.00	19.74 0.95 0.00	19.72 1.00 0.00	19.95 1.07 0.00	21.66 1.28 -0.10	23.48 1.52 0.00	28.96 1.96 0.00	24.02 1.56 0.00	23.29 1.42 0.00	25.38 1.55 -0.12	26.88 1.69 -0.19	26.27 1.68 -0.17	26.91 1.66 -0.18	31.13 2.08 -0.37	26.68 1.79 -0.15	29.50 1.86 -0.24	37.38 2.32 0.00	70.60 4.73 0.00	35.34 2.42 0.00	31.02 2.18 0.00	26.88 1.84 -0.03	22.06 1.45 0.00	20.54 1.25 -0.86

DARBY___SOLAR 323810	19.79 0.80 0.00	19.46 0.79 0.00	19.58 0.79 0.00	19.57 0.85 0.00	19.88 1.00 0.00	21.58 1.18 -0.13	23.35 1.38 0.00	28.74 1.74 0.00	23.89 1.43 0.00	23.14 1.26 0.00	24.89 1.34 0.16	26.13 1.39 0.26	25.51 1.33 0.24	26.16 1.33 0.24	29.83 1.66 0.51	25.96 1.42 0.20	28.51 1.45 0.33	36.96 1.89 0.00	69.82 3.94 0.00	34.88 1.96 0.00	30.52 1.68 0.00	26.46 1.42 -0.03	21.75 1.13 0.00	20.48 0.97 -1.08
DASHVILLE___HYD 23610	19.91 0.93 0.00	19.56 0.88 0.00	19.65 0.85 0.00	19.63 0.91 0.00	19.88 1.00 0.00	21.56 1.18 -0.11	23.35 1.38 0.00	28.67 1.68 0.00	23.71 1.25 0.00	23.08 1.20 0.00	25.13 1.36 -0.05	26.63 1.54 -0.08	25.98 1.48 -0.08	26.62 1.46 -0.08	30.70 1.85 -0.17	26.36 1.54 -0.07	29.05 1.55 -0.11	36.92 1.86 0.00	69.75 3.87 0.00	34.95 2.03 0.00	30.70 1.86 0.00	26.62 1.58 -0.03	21.85 1.23 0.00	20.39 1.08 -0.88
DEERFIELD_69_KV_DEERFIELD LD 355887	20.86 1.88 0.00	20.45 1.77 0.00	20.49 1.70 0.00	20.49 1.77 0.00	21.46 1.95 -0.63	37.08 2.29 -14.52	54.71 2.65 -30.10	30.07 3.08 0.00	24.90 2.44 0.00	23.82 1.95 0.00	26.13 2.26 -0.16	28.07 2.62 -0.45	28.65 2.85 -1.39	27.84 2.52 -0.24	32.14 2.96 -0.50	27.31 2.36 -0.20	30.28 2.56 -0.33	38.30 3.23 0.00	74.11 8.24 0.00	36.71 3.79 0.00	32.21 3.37 0.00	27.93 2.90 -0.03	23.83 2.16 -1.05	21.19 1.89 -0.87
DELAWARE___LFGE 323621	19.63 0.65 0.00	19.26 0.59 0.00	19.39 0.60 0.00	19.34 0.61 0.00	19.53 0.65 0.00	21.06 0.72 -0.06	22.83 0.86 0.00	28.06 1.06 0.00	23.29 0.83 0.00	22.67 0.79 0.00	24.59 0.88 0.00	25.97 0.97 0.00	25.34 0.93 0.00	26.02 0.95 0.00	29.84 1.16 0.00	25.72 0.98 0.00	28.42 1.02 0.00	36.27 1.21 0.00	68.23 2.35 0.00	34.14 1.22 0.00	29.98 1.14 0.00	25.97 0.94 -0.02	21.34 0.72 0.00	19.57 0.61 -0.53
DERFIELD_115KV_TB7 355931	19.04 0.06 0.00	18.73 0.05 0.00	18.84 0.05 0.00	18.77 0.05 0.00	18.94 0.06 0.00	20.37 0.10 0.00	22.09 0.13 0.00	27.16 0.17 0.00	22.59 0.13 0.00	21.98 0.10 0.00	23.81 0.10 0.00	25.09 0.09 0.00	24.51 0.09 0.00	25.15 0.07 0.00	28.78 0.10 0.00	24.82 0.08 0.00	27.48 0.09 0.00	35.18 0.11 0.00	66.07 0.19 0.00	33.02 0.10 0.00	28.93 0.09 0.00	25.11 0.10 0.00	20.68 0.06 0.00	18.50 0.05 -0.02
DOGLEVILLE___HYD 23807	19.44 0.46 0.00	19.10 0.43 0.00	19.21 0.42 0.00	19.19 0.46 0.00	19.43 0.55 0.00	21.05 0.77 0.00	22.90 0.93 0.00	28.16 1.17 0.00	23.27 0.81 0.00	22.52 0.65 0.00	24.33 0.61 0.00	25.40 0.39 0.00	24.93 0.51 0.00	25.23 0.16 0.00	28.91 0.23 0.00	25.13 0.38 0.00	27.81 0.41 0.00	35.83 0.77 0.00	67.91 2.03 0.00	33.98 1.06 0.00	29.75 0.91 0.00	25.83 0.82 0.00	21.23 0.61 0.00	19.01 0.56 -0.02
DUNKIRK___115KV_TB_200 55889	18.76 -0.22 0.00	18.33 -0.35 0.00	18.47 -0.32 0.00	18.29 -0.43 0.00	18.41 -0.46 0.00	19.88 -0.42 -0.03	21.32 -0.47 0.17	26.25 -0.75 0.00	22.23 -0.24 0.00	21.88 0.01 0.00	23.93 0.22 0.00	25.33 0.33 0.00	24.43 0.02 0.00	25.47 0.40 0.00	28.69 0.01 0.00	24.87 0.13 0.00	27.64 0.24 0.00	35.16 0.09 0.00	65.15 -0.73 0.00	32.70 -0.22 0.00	28.56 -0.28 0.00	24.24 -0.58 0.20	20.18 -0.43 0.00	18.19 -0.50 -0.25
DUNKIRK___1 23563	18.76 -0.22 0.00	18.33 -0.35 0.00	18.47 -0.32 0.00	18.29 -0.43 0.00	18.41 -0.46 0.00	19.88 -0.42 -0.03	21.32 -0.47 0.17	26.25 -0.75 0.00	22.23 -0.24 0.00	21.88 0.01 0.00	23.93 0.22 0.00	25.33 0.33 0.00	24.43 0.02 0.00	25.47 0.40 0.00	28.69 0.01 0.00	24.87 0.13 0.00	27.64 0.24 0.00	35.16 0.09 0.00	65.15 -0.73 0.00	32.70 -0.22 0.00	28.56 -0.28 0.00	24.24 -0.58 0.20	20.18 -0.43 0.00	18.19 -0.50 -0.25
DUNKIRK___2 23564	18.76 -0.22 0.00	18.33 -0.35 0.00	18.47 -0.32 0.00	18.29 -0.43 0.00	18.41 -0.46 0.00	19.88 -0.42 -0.03	21.32 -0.47 0.17	26.25 -0.75 0.00	22.23 -0.24 0.00	21.88 0.01 0.00	23.93 0.22 0.00	25.33 0.33 0.00	24.43 0.02 0.00	25.47 0.40 0.00	28.69 0.01 0.00	24.87 0.13 0.00	27.64 0.24 0.00	35.16 0.09 0.00	65.15 -0.73 0.00	32.70 -0.22 0.00	28.56 -0.28 0.00	24.24 -0.58 0.20	20.18 -0.43 0.00	18.19 -0.50 -0.25
DUNKIRK___3 23565	18.81 -0.17 0.00	18.36 -0.31 0.00	18.50 -0.29 0.00	18.35 -0.38 0.00	18.47 -0.40 0.00	19.96 -0.35 -0.03	21.40 -0.39 0.18	26.33 -0.66 0.00	22.27 -0.19 0.00	21.91 0.03 0.00	23.92 0.21 0.00	25.31 0.31 0.00	24.43 0.02 0.00	25.47 0.39 0.00	28.72 0.04 0.00	24.88 0.13 0.00	27.61 0.22 0.00	35.14 0.07 0.00	65.22 -0.65 0.00	32.78 -0.14 0.00	28.64 -0.20 0.00	24.31 -0.49 0.21	20.25 -0.37 0.00	18.25 -0.44 -0.25
DUNKIRK___4 23566	18.74 -0.24 0.00	18.30 -0.37 0.00	18.45 -0.34 0.00	18.27 -0.45 0.00	18.39 -0.49 0.00	19.86 -0.44 -0.03	21.27 -0.51 0.19	26.19 -0.81 0.00	22.17 -0.29 0.00	21.83 -0.05 0.00	23.86 0.15 0.00	25.24 0.24 0.00	24.34 -0.07 0.00	25.37 0.29 0.00	28.59 -0.09 0.00	24.78 0.03 0.00	27.54 0.14 0.00	35.05 -0.01 0.00	65.05 -0.83 0.00	32.66 -0.26 0.00	28.53 -0.31 0.00	24.19 -0.59 0.22	20.17 -0.45 0.00	18.17 -0.51 -0.25
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	20.00 1.01 0.00	19.64 0.96 0.00	19.71 0.92 0.00	19.69 0.97 0.00	19.92 1.05 0.00	21.65 1.28 -0.10	23.45 1.49 0.00	28.88 1.89 0.00	23.90 1.44 0.00	23.26 1.38 0.00	25.43 1.56 -0.16	26.96 1.71 -0.25	26.38 1.74 -0.23	27.02 1.70 -0.24	31.31 2.13 -0.50	26.76 1.82 -0.20	29.57 1.85 -0.33	37.29 2.23 0.00	70.40 4.53 0.00	35.25 2.33 0.00	30.96 2.12 0.00	26.86 1.82 -0.03	22.05 1.43 0.00	20.54 1.24 -0.87
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	19.90 0.92 0.00	19.54 0.87 0.00	19.64 0.84 0.00	19.61 0.89 0.00	19.83 0.95 0.00	21.52 1.15 -0.10	23.32 1.36 0.00	28.70 1.70 0.00	23.73 1.28 0.00	23.08 1.21 0.00	25.14 1.32 -0.11	26.63 1.45 -0.18	26.02 1.45 -0.17	26.67 1.42 -0.17	30.85 1.82 -0.36	26.44 1.56 -0.14	29.22 1.59 -0.23	37.04 1.98 0.00	69.94 4.07 0.00	35.02 2.10 0.00	30.74 1.91 0.00	26.65 1.62 -0.03	21.87 1.26 0.00	20.34 1.09 -0.82
E179THST_138_KV_TB4_REV_LBMP_J 345001	19.97 0.98 0.00	19.64 0.97 0.00	19.69 0.91 0.00	19.70 0.97 0.00	19.91 1.04 0.00	21.67 1.29 -0.10	23.44 1.47 0.00	28.92 1.92 0.00	23.92 1.46 0.00	23.30 1.43 0.00	25.49 1.61 -0.16	26.97 1.72 -0.25	26.39 1.75 -0.23	27.02 1.71 -0.24	31.34 2.16 -0.50	26.77 1.83 -0.20	29.53 1.81 -0.33	37.27 2.20 0.00	70.31 4.43 0.00	35.26 2.34 0.00	31.05 2.22 0.00	26.92 1.89 -0.03	22.06 1.44 0.00	20.58 1.28 -0.87
E179THST_13_KV_LOAD 356214	20.05 1.06 0.00	19.72 1.04 0.00	19.77 0.98 0.00	19.77 1.04 0.00	19.98 1.11 0.00	21.75 1.37 -0.10	23.53 1.57 0.00	29.03 2.04 0.00	24.03 1.57 0.00	23.41 1.53 0.00	25.60 1.72 -0.16	27.10 1.85 -0.25	26.51 1.87 -0.23	27.14 1.83 -0.24	31.47 2.29 -0.50	26.89 1.95 -0.20	29.67 1.95 -0.33	37.44 2.37 0.00	70.63 4.76 0.00	35.42 2.50 0.00	31.19 2.35 0.00	27.03 2.00 -0.03	22.15 1.54 0.00	20.65 1.35 -0.87

EAST HAMPTON___GT 23717	21.02 2.04 0.00	20.60 1.93 0.00	20.64 1.85 0.00	20.65 1.92 0.00	21.62 2.11 -0.63	37.23 2.43 -14.52	54.95 2.89 -30.10	30.33 3.33 0.00	25.20 2.75 0.00	24.13 2.25 0.00	26.35 2.48 -0.16	28.48 3.03 -0.45	28.88 3.08 -1.40	28.13 2.81 -0.24	32.48 3.30 -0.50	27.61 2.66 -0.20	30.63 2.91 -0.33	38.76 3.70 0.00	74.84 8.96 0.00	37.15 4.23 0.00	32.59 3.75 0.00	28.31 3.27 -0.03	24.11 2.44 -1.05	21.36 2.06 -0.87
EAST RIVER___6 23660	20.13 1.15 0.00	19.76 1.08 0.00	19.83 1.04 0.00	19.80 1.08 0.00	20.03 1.16 0.00	21.82 1.44 -0.10	23.65 1.68 0.00	29.16 2.17 0.00	24.14 1.68 0.00	23.53 1.65 0.00	25.73 1.86 -0.16	27.29 2.04 -0.25	26.68 2.04 -0.23	27.32 2.00 -0.24	31.67 2.49 -0.50	27.08 2.14 -0.20	29.91 2.19 -0.33	37.70 2.64 0.00	71.13 5.25 0.00	35.60 2.68 0.00	31.28 2.44 0.00	27.13 2.10 -0.03	22.25 1.63 0.00	20.71 1.41 -0.87
EAST RIVER___7 23524	20.13 1.15 0.00	19.76 1.08 0.00	19.83 1.04 0.00	19.80 1.08 0.00	20.03 1.16 0.00	21.82 1.44 -0.10	23.65 1.68 0.00	29.16 2.17 0.00	24.14 1.68 0.00	23.53 1.65 0.00	25.73 1.86 -0.16	27.29 2.04 -0.25	26.68 2.04 -0.23	27.32 2.00 -0.24	31.67 2.49 -0.50	27.08 2.14 -0.20	29.91 2.19 -0.33	37.70 2.64 0.00	71.13 5.25 0.00	35.60 2.68 0.00	31.28 2.44 0.00	27.13 2.10 -0.03	22.25 1.63 0.00	20.71 1.41 -0.87
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	19.96 0.98 0.00	19.60 0.93 0.00	19.68 0.89 0.00	19.66 0.94 0.00	19.89 1.02 0.00	21.61 1.24 -0.10	23.41 1.45 0.00	28.82 1.82 0.00	23.85 1.39 0.00	23.20 1.33 0.00	25.37 1.49 -0.16	26.89 1.64 -0.25	26.32 1.67 -0.23	26.94 1.62 -0.24	31.23 2.05 -0.50	26.69 1.75 -0.20	29.50 1.77 -0.33	37.21 2.14 0.00	70.24 4.37 0.00	35.17 2.25 0.00	30.88 2.05 0.00	26.79 1.75 -0.03	21.99 1.37 0.00	20.49 1.19 -0.87
EAST_HAMPTON___DIESEL 23722	21.03 2.04 0.00	20.60 1.93 0.00	20.64 1.85 0.00	20.65 1.93 0.00	21.62 2.11 -0.63	37.23 2.44 -14.52	54.95 2.89 -30.10	30.33 3.34 0.00	25.21 2.75 0.00	24.13 2.25 0.00	26.36 2.48 -0.16	28.49 3.04 -0.45	28.89 3.08 -1.40	28.13 2.81 -0.24	32.49 3.31 -0.50	27.62 2.67 -0.20	30.64 2.92 -0.33	38.77 3.70 0.00	74.86 8.99 0.00	37.15 4.23 0.00	32.59 3.76 0.00	28.31 3.28 -0.03	24.11 2.44 -1.05	21.36 2.06 -0.87
EAST_PULASKI___ESR 323781	18.77 -0.21 0.00	18.42 -0.26 0.00	18.54 -0.25 0.00	18.45 -0.27 0.00	18.60 -0.28 0.00	20.05 -0.24 -0.02	21.72 -0.25 0.00	26.64 -0.36 0.00	22.13 -0.33 0.00	21.56 -0.32 0.00	23.30 -0.41 0.00	24.49 -0.52 0.00	23.96 -0.45 0.00	24.66 -0.42 0.00	28.13 -0.54 0.00	24.22 -0.52 0.00	26.86 -0.54 0.00	34.54 -0.52 0.00	64.88 -0.99 0.00	32.44 -0.48 0.00	28.33 -0.51 0.00	24.58 -0.43 0.00	20.26 -0.36 0.00	18.18 -0.40 -0.15
EAST_RIVER___1 323558	20.09 1.10 0.00	19.72 1.04 0.00	19.79 1.00 0.00	19.77 1.05 0.00	19.99 1.12 0.00	21.76 1.38 -0.10	23.58 1.62 0.00	29.07 2.08 0.00	24.06 1.60 0.00	23.45 1.57 0.00	25.63 1.76 -0.16	27.19 1.94 -0.25	26.59 1.95 -0.23	27.22 1.90 -0.24	31.57 2.39 -0.50	26.98 2.04 -0.20	29.80 2.08 -0.33	37.58 2.51 0.00	70.89 5.01 0.00	35.49 2.57 0.00	31.19 2.35 0.00	27.06 2.03 -0.03	22.19 1.57 0.00	20.66 1.36 -0.87
EAST_RIVER___2 323559	20.13 1.15 0.00	19.76 1.08 0.00	19.83 1.04 0.00	19.80 1.08 0.00	20.03 1.16 0.00	21.82 1.44 -0.10	23.65 1.68 0.00	29.16 2.17 0.00	24.14 1.68 0.00	23.53 1.65 0.00	25.73 1.86 -0.16	27.29 2.04 -0.25	26.68 2.04 -0.23	27.32 2.00 -0.24	31.67 2.49 -0.50	27.08 2.14 -0.20	29.91 2.19 -0.33	37.70 2.64 0.00	71.13 5.25 0.00	35.60 2.68 0.00	31.28 2.44 0.00	27.13 2.10 -0.03	22.25 1.63 0.00	20.71 1.41 -0.87
EAST___DELAWARE_HYD 23607	20.22 1.23 0.00	19.84 1.16 0.00	19.94 1.14 0.00	19.90 1.18 0.00	20.14 1.27 0.00	21.86 1.49 -0.09	23.69 1.73 0.00	29.15 2.16 0.00	24.06 1.60 0.00	23.42 1.55 0.00	25.39 1.61 -0.08	26.94 1.82 -0.12	26.19 1.66 -0.11	26.83 1.64 -0.12	30.87 1.96 -0.24	26.60 1.76 -0.09	29.47 1.92 -0.15	37.52 2.46 0.00	70.86 4.98 0.00	35.54 2.62 0.00	31.20 2.36 0.00	27.04 2.00 -0.02	22.15 1.53 0.00	20.60 1.41 -0.76
EIGHT_POINT___WT_PWR 323820	18.63 -0.36 0.00	17.99 -0.69 0.00	18.07 -0.72 0.00	18.06 -0.66 0.00	18.17 -0.71 0.00	19.77 -0.54 -0.03	22.21 -0.34 -0.59	26.17 -0.84 -0.02	22.10 -0.36 0.00	21.67 -0.20 0.00	23.75 0.03 0.00	25.02 0.02 0.00	24.16 -0.25 0.00	25.15 0.08 0.00	28.44 -0.24 0.00	24.86 0.11 0.00	27.59 0.20 0.00	35.33 0.27 0.00	64.91 -0.97 0.00	31.92 -1.01 0.00	27.78 -1.06 0.00	24.63 -1.09 -0.71	19.62 -1.00 0.00	17.71 -1.00 -0.29
ELBRIDGE_115KV_TB2 80188	19.06 0.08 0.00	18.71 0.04 0.00	18.79 0.00 0.00	18.74 0.02 0.00	18.91 0.03 0.00	20.34 0.05 -0.03	22.07 0.10 0.00	27.07 0.08 0.00	22.54 0.08 0.00	21.96 0.08 0.00	23.81 0.10 0.00	25.11 0.11 0.00	24.47 0.05 0.00	25.21 0.14 0.00	28.81 0.13 0.00	24.90 0.15 0.00	27.58 0.18 0.00	35.33 0.27 0.00	66.22 0.35 0.00	33.20 0.28 0.00	29.11 0.27 0.00	25.17 0.15 -0.01	20.71 0.10 0.00	18.67 0.03 -0.21
ELEC_TRO_TEK 24086	20.22 1.23 0.00	19.85 1.17 0.00	19.89 1.10 0.00	19.90 1.17 0.00	20.83 1.32 -0.63	36.33 1.54 -14.52	53.86 1.80 -30.10	29.06 2.07 0.00	24.00 1.54 0.00	23.29 1.42 0.00	25.54 1.67 -0.16	27.42 1.97 -0.45	27.89 2.08 -1.39	27.19 1.87 -0.24	31.47 2.29 -0.50	26.90 1.96 -0.20	29.70 1.98 -0.33	37.41 2.34 0.00	70.92 5.04 0.00	35.46 2.54 0.00	31.25 2.41 0.00	27.16 2.12 -0.03	29.41 1.65 -7.15	20.74 1.44 -0.87
ELLENBURG_WT_PWR 323604	19.29 0.31 0.00	19.29 0.61 0.00	19.35 0.56 0.00	19.17 0.45 0.00	19.18 0.31 0.00	20.42 0.14 0.00	21.90 -0.06 0.00	26.71 -0.29 0.00	22.62 0.16 0.00	21.92 0.05 0.00	23.72 0.01 0.00	25.15 0.15 0.00	24.66 0.24 0.00	25.37 0.29 0.00	28.95 0.27 0.00	24.94 0.20 0.00	27.72 0.33 0.00	35.57 0.50 0.00	66.97 1.09 0.00	32.98 0.06 0.00	28.74 -0.10 0.00	24.88 -0.13 0.00	20.70 0.08 0.00	18.79 0.36 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	18.51 -0.47 0.00	18.07 -0.61 0.00	18.24 -0.55 0.00	18.06 -0.66 0.00	18.14 -0.73 0.00	19.59 -0.71 -0.03	20.89 -0.88 0.19	25.64 -1.36 0.00	21.73 -0.73 0.00	21.42 -0.45 0.00	23.41 -0.30 0.00	24.76 -0.24 0.00	23.85 -0.56 0.00	24.83 -0.24 0.00	27.98 -0.70 0.00	24.25 -0.49 0.00	27.03 -0.37 0.00	34.45 -0.62 0.00	64.15 -1.73 0.00	32.26 -0.66 0.00	28.19 -0.65 0.00	23.90 -0.87 0.23	19.97 -0.65 0.00	18.01 -0.66 -0.25
EMPIRE_CC_1 323656	19.52 0.54 0.00	19.21 0.54 0.00	19.31 0.52 0.00	19.30 0.58 0.00	19.51 0.64 0.00	21.17 0.77 -0.12	22.84 0.88 0.00	28.04 1.05 0.00	23.27 0.81 0.00	22.54 0.66 0.00	24.12 0.75 0.34	25.26 0.79 0.53	24.72 0.80 0.49	25.35 0.79 0.51	28.69 1.06 1.05	25.16 0.84 0.42	27.56 0.85 0.69	36.16 1.09 0.00	68.16 2.29 0.00	34.07 1.16 0.00	29.87 1.03 0.00	25.91 0.86 -0.03	21.36 0.74 0.00	20.15 0.70 -1.02

EMPIRE_CC_2 323658	19.52 0.54 0.00	19.21 0.54 0.00	19.31 0.52 0.00	19.30 0.58 0.00	19.51 0.64 0.00	21.17 0.77 -0.12	22.84 0.88 0.00	28.04 1.05 0.00	23.27 0.81 0.00	22.54 0.66 0.00	24.12 0.75 0.34	25.26 0.79 0.53	24.72 0.80 0.49	25.35 0.79 0.51	28.69 1.06 1.05	25.16 0.84 0.42	27.56 0.85 0.69	36.16 1.09 0.00	68.16 2.29 0.00	34.07 1.16 0.00	29.87 1.03 0.00	25.91 0.86 -0.03	21.36 0.74 0.00	20.15 0.70 -1.02
ENORWICH_115KV_TB1 80156	20.46 1.47 0.00	19.94 1.27 0.00	20.01 1.22 0.00	19.83 1.11 0.00	19.99 1.12 0.00	21.64 1.32 -0.05	23.59 1.59 -0.03	28.87 1.87 0.00	23.92 1.46 0.00	23.22 1.34 0.00	25.18 1.46 0.00	26.62 1.62 0.00	25.90 1.49 0.00	26.78 1.70 0.00	30.57 1.89 0.00	26.42 1.68 0.00	29.30 1.91 0.00	37.57 2.50 0.00	70.30 4.42 0.00	34.87 1.94 0.00	30.52 1.68 0.00	26.40 1.34 -0.05	21.54 0.93 0.00	19.58 0.76 -0.39
ERIE_ST__34_KV_TB1-2 80199	18.95 -0.03 0.00	18.48 -0.20 0.00	18.64 -0.15 0.00	18.47 -0.25 0.00	18.57 -0.30 0.00	20.07 -0.23 -0.03	21.49 -0.30 0.17	26.41 -0.58 0.00	22.35 -0.11 0.00	22.02 0.14 0.00	24.01 0.30 0.00	25.39 0.39 0.00	24.48 0.07 0.00	25.48 0.41 0.00	28.75 0.07 0.00	24.87 0.13 0.00	27.67 0.28 0.00	35.27 0.20 0.00	65.76 -0.12 0.00	33.07 0.16 0.00	28.89 0.06 0.00	24.55 -0.27 0.20	20.45 -0.17 0.00	18.43 -0.25 -0.25
ERIE_WT_PWR 323693	18.69 -0.29 0.00	18.24 -0.44 0.00	18.40 -0.39 0.00	18.22 -0.50 0.00	18.31 -0.56 0.00	19.80 -0.50 -0.03	21.14 -0.63 0.19	25.96 -1.03 0.00	21.96 -0.50 0.00	21.64 -0.23 0.00	23.67 -0.05 0.00	24.97 -0.03 0.00	24.08 -0.34 0.00	25.07 -0.01 0.00	28.26 -0.42 0.00	24.47 -0.27 0.00	27.24 -0.15 0.00	34.72 -0.35 0.00	64.63 -1.24 0.00	32.49 -0.43 0.00	28.39 -0.45 0.00	24.05 -0.74 0.22	20.08 -0.54 0.00	18.13 -0.55 -0.25
ESPRGFLD_115KV_TB1 80157	19.90 0.92 0.00	19.52 0.84 0.00	19.64 0.85 0.00	19.56 0.84 0.00	19.75 0.88 0.00	21.33 1.00 -0.06	23.16 1.19 0.00	28.48 1.48 0.00	23.63 1.17 0.00	23.00 1.13 0.00	24.95 1.24 0.00	26.35 1.35 0.00	25.71 1.30 0.00	26.38 1.30 0.00	30.26 1.58 0.00	26.08 1.34 0.00	28.83 1.43 0.00	36.85 1.78 0.00	69.36 3.48 0.00	34.64 1.72 0.00	30.38 1.54 0.00	26.28 1.25 -0.02	21.57 0.95 0.00	19.76 0.80 -0.53
ETNA_115_KV_TB1_REV_LBMP_C 345029	19.53 0.54 0.00	19.12 0.44 0.00	19.21 0.42 0.00	19.13 0.41 0.00	19.30 0.43 0.00	20.83 0.52 -0.04	22.68 0.66 -0.05	27.83 0.84 0.00	23.12 0.66 0.00	22.50 0.63 0.00	24.31 0.60 0.00	25.62 0.61 0.00	24.93 0.51 0.00	25.68 0.61 0.00	29.33 0.65 0.00	25.37 0.62 0.00	28.11 0.71 0.00	36.07 1.01 0.00	67.77 1.89 0.00	33.92 1.01 0.00	29.72 0.88 0.00	25.74 0.66 -0.07	21.11 0.49 0.00	19.11 0.37 -0.30
ETNA_____115KV_TB2 80207	19.53 0.54 0.00	19.12 0.44 0.00	19.21 0.42 0.00	19.13 0.41 0.00	19.30 0.43 0.00	20.83 0.52 -0.04	22.68 0.66 -0.05	27.83 0.84 0.00	23.12 0.66 0.00	22.50 0.63 0.00	24.31 0.60 0.00	25.62 0.61 0.00	24.93 0.51 0.00	25.68 0.61 0.00	29.33 0.65 0.00	25.37 0.62 0.00	28.11 0.71 0.00	36.07 1.01 0.00	67.77 1.89 0.00	33.92 1.01 0.00	29.72 0.88 0.00	25.74 0.66 -0.07	21.11 0.49 0.00	19.11 0.37 -0.30
EUCLID___115KV_TB2 356179	18.80 -0.18 0.00	18.44 -0.23 0.00	18.55 -0.24 0.00	18.48 -0.25 0.00	18.63 -0.25 0.00	20.04 -0.25 -0.02	21.69 -0.28 0.00	26.61 -0.38 0.00	22.18 -0.28 0.00	21.63 -0.25 0.00	23.45 -0.26 0.00	24.75 -0.26 0.00	24.12 -0.30 0.00	24.83 -0.25 0.00	28.35 -0.33 0.00	24.48 -0.27 0.00	27.11 -0.29 0.00	34.71 -0.35 0.00	65.16 -0.72 0.00	32.62 -0.30 0.00	28.59 -0.24 0.00	24.81 -0.20 0.00	20.43 -0.19 0.00	18.40 -0.21 -0.18
E_CANADA_CAP_HY 24051	19.87 0.89 0.00	19.50 0.82 0.00	19.61 0.82 0.00	19.49 0.77 0.00	19.64 0.77 0.00	21.15 0.74 -0.13	22.83 0.86 0.00	28.12 1.12 0.00	23.32 0.86 0.00	22.83 0.95 0.00	24.60 1.01 0.12	25.87 1.06 0.19	25.13 0.89 0.18	25.79 0.90 0.19	29.20 0.90 0.38	25.34 0.75 0.15	27.97 0.83 0.25	36.46 1.39 0.00	68.13 2.26 0.00	34.02 1.10 0.00	29.81 0.97 0.00	25.68 0.63 -0.03	21.15 0.54 0.00	19.91 0.39 -1.09
E_CANADA_MHWK_HY 24050	19.44 0.46 0.00	19.10 0.43 0.00	19.21 0.42 0.00	19.19 0.46 0.00	19.43 0.55 0.00	21.05 0.77 0.00	22.90 0.93 0.00	28.16 1.17 0.00	23.27 0.81 0.00	22.52 0.65 0.00	24.33 0.61 0.00	25.40 0.39 0.00	24.93 0.51 0.00	25.23 0.16 0.00	28.91 0.23 0.00	25.13 0.38 0.00	27.81 0.41 0.00	35.83 0.77 0.00	67.91 2.03 0.00	33.98 1.06 0.00	29.75 0.91 0.00	25.83 0.82 0.00	21.23 0.61 0.00	19.01 0.56 -0.02
E_FISHKILL___LBMP 23776	19.82 0.84 0.00	19.48 0.80 0.00	19.56 0.77 0.00	19.54 0.82 0.00	19.77 0.89 0.00	21.46 1.08 -0.11	23.22 1.25 0.00	28.57 1.57 0.00	23.65 1.19 0.00	23.00 1.12 0.00	25.13 1.25 -0.16	26.63 1.38 -0.25	26.05 1.40 -0.24	26.68 1.36 -0.24	30.91 1.73 -0.50	26.42 1.47 -0.20	29.20 1.48 -0.33	36.86 1.79 0.00	69.59 3.71 0.00	34.83 1.91 0.00	30.59 1.76 0.00	26.53 1.49 -0.03	21.80 1.18 0.00	20.35 1.04 -0.88
FALCON___SEABRD_CC1 323796	19.46 0.48 0.00	19.56 0.89 0.00	19.61 0.81 0.00	19.43 0.71 0.00	19.41 0.53 0.00	20.58 0.31 0.00	22.00 0.04 0.00	26.70 -0.30 0.00	22.75 0.29 0.00	22.04 0.16 0.00	23.86 0.15 0.00	25.29 0.29 0.00	24.78 0.36 0.00	25.50 0.43 0.00	29.12 0.45 0.00	25.07 0.33 0.00	27.87 0.48 0.00	35.80 0.73 0.00	67.89 2.01 0.00	33.48 0.55 0.00	29.13 0.29 0.00	25.22 0.21 0.00	20.97 0.35 0.00	19.02 0.59 0.00
FALCON___SEABRD_CC2 323797	19.46 0.48 0.00	19.56 0.89 0.00	19.61 0.81 0.00	19.43 0.71 0.00	19.41 0.53 0.00	20.58 0.31 0.00	22.00 0.04 0.00	26.70 -0.30 0.00	22.75 0.29 0.00	22.04 0.16 0.00	23.86 0.15 0.00	25.29 0.29 0.00	24.78 0.36 0.00	25.50 0.43 0.00	29.12 0.45 0.00	25.07 0.33 0.00	27.87 0.48 0.00	35.80 0.73 0.00	67.89 2.01 0.00	33.48 0.55 0.00	29.13 0.29 0.00	25.22 0.21 0.00	20.97 0.35 0.00	19.02 0.59 0.00
FAR ROCKAWAY___4 23548	20.46 1.47 0.00	20.07 1.40 0.00	20.10 1.31 0.00	20.11 1.39 0.00	21.05 1.54 -0.63	36.58 1.79 -14.52	54.13 2.06 -30.10	29.36 2.37 0.00	24.24 1.78 0.00	23.57 1.69 0.00	25.83 1.95 -0.16	27.73 2.29 -0.45	28.17 2.37 -1.39	27.49 2.17 -0.24	31.82 2.64 -0.50	27.25 2.31 -0.20	30.07 2.35 -0.33	37.89 2.83 0.00	71.76 5.88 0.00	35.93 3.01 0.00	31.67 2.84 0.00	27.50 2.46 -0.03	38.48 1.88 -15.98	20.97 1.67 -0.87
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	20.09 1.10 0.00	19.72 1.04 0.00	19.79 1.00 0.00	19.77 1.05 0.00	19.99 1.12 0.00	21.75 1.37 -0.10	23.58 1.61 0.00	29.07 2.07 0.00	24.06 1.60 0.00	23.44 1.57 0.00	25.63 1.76 -0.16	27.17 1.91 -0.25	26.59 1.94 -0.23	27.22 1.90 -0.24	31.56 2.38 -0.50	26.98 2.03 -0.20	29.79 2.07 -0.33	37.55 2.49 0.00	70.87 4.99 0.00	35.48 2.57 0.00	31.19 2.35 0.00	27.06 2.03 -0.03	22.19 1.57 0.00	20.66 1.36 -0.87

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	20.10 1.12 0.00	19.73 1.06 0.00	19.80 1.01 0.00	19.78 1.06 0.00	20.00 1.13 0.00	21.77 1.39 -0.10	23.60 1.63 0.00	29.10 2.10 0.00	24.07 1.61 0.00	23.45 1.58 0.00	25.63 1.76 -0.16	27.18 1.93 -0.25	26.60 1.95 -0.23	27.22 1.90 -0.24	31.57 2.39 -0.50	26.99 2.04 -0.20	29.81 2.09 -0.33	37.58 2.52 0.00	70.89 5.02 0.00	35.51 2.58 0.00	31.21 2.37 0.00	27.08 2.04 -0.03	22.20 1.58 0.00	20.67 1.37 -0.87
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	20.08 1.10 0.00	19.72 1.04 0.00	19.79 1.00 0.00	19.77 1.04 0.00	19.99 1.12 0.00	21.75 1.37 -0.10	23.58 1.61 0.00	29.07 2.07 0.00	24.05 1.59 0.00	23.43 1.56 0.00	25.63 1.75 -0.16	27.16 1.91 -0.25	26.58 1.94 -0.23	27.21 1.89 -0.24	31.54 2.37 -0.50	26.97 2.03 -0.20	29.79 2.07 -0.33	37.55 2.48 0.00	70.84 4.97 0.00	35.47 2.55 0.00	31.18 2.34 0.00	27.05 2.01 -0.03	22.18 1.56 0.00	20.65 1.35 -0.87
FARRAGUT___LBMP 323566	20.07 1.09 0.00	19.71 1.03 0.00	19.78 0.98 0.00	19.75 1.03 0.00	19.98 1.10 0.00	21.74 1.36 -0.10	23.56 1.60 0.00	29.04 2.05 0.00	24.03 1.57 0.00	23.41 1.54 0.00	25.60 1.72 -0.16	27.14 1.88 -0.25	26.56 1.91 -0.23	27.18 1.86 -0.24	31.52 2.34 -0.50	26.94 2.00 -0.20	29.76 2.04 -0.33	37.51 2.45 0.00	70.78 4.91 0.00	35.45 2.53 0.00	31.15 2.32 0.00	27.03 1.99 -0.03	22.17 1.55 0.00	20.64 1.34 -0.87
FENNER___WINDPWR 24204	19.48 0.50 0.00	19.10 0.43 0.00	19.19 0.40 0.00	19.09 0.37 0.00	19.21 0.34 0.00	20.77 0.48 -0.02	22.63 0.67 0.00	27.85 0.86 0.00	22.94 0.48 0.00	22.54 0.66 0.00	24.31 0.60 0.00	25.57 0.57 0.00	24.99 0.58 0.00	25.59 0.52 0.00	29.18 0.50 0.00	25.15 0.40 0.00	27.96 0.57 0.00	35.99 0.92 0.00	66.94 1.06 0.00	33.50 0.58 0.00	29.41 0.57 0.00	25.45 0.44 0.00	20.93 0.31 0.00	18.86 0.25 -0.18
FIBERTEK___ENERGY 23856	19.09 0.11 0.00	18.74 0.06 0.00	18.83 0.05 0.00	18.76 0.04 0.00	18.93 0.06 0.00	20.38 0.09 -0.02	22.07 0.10 0.00	27.08 0.09 0.00	22.54 0.08 0.00	21.98 0.10 0.00	23.83 0.12 0.00	25.14 0.14 0.00	24.49 0.08 0.00	25.20 0.13 0.00	28.79 0.12 0.00	24.87 0.13 0.00	27.56 0.16 0.00	35.31 0.25 0.00	66.24 0.37 0.00	33.17 0.25 0.00	29.07 0.24 0.00	25.18 0.17 -0.01	20.73 0.11 0.00	18.68 0.05 -0.20
FITZPATRICK____ 23598	18.51 -0.47 0.00	18.18 -0.50 0.00	18.29 -0.50 0.00	18.22 -0.51 0.00	18.36 -0.52 0.00	19.71 -0.57 -0.02	21.32 -0.65 0.00	26.16 -0.83 0.00	21.80 -0.66 0.00	21.25 -0.62 0.00	23.03 -0.68 0.00	24.29 -0.71 0.00	23.68 -0.73 0.00	24.36 -0.72 0.00	27.83 -0.85 0.00	24.02 -0.72 0.00	26.61 -0.79 0.00	34.06 -1.00 0.00	63.94 -1.93 0.00	32.00 -0.92 0.00	28.06 -0.78 0.00	24.38 -0.63 0.00	20.10 -0.52 0.00	18.07 -0.49 -0.13
FLOWRFLD_69_KV_BK1 356044	20.42 1.44 0.00	20.03 1.36 0.00	20.06 1.27 0.00	20.07 1.35 0.00	21.02 1.52 -0.63	36.58 1.79 -14.52	54.10 2.03 -30.10	29.26 2.26 0.00	24.19 1.73 0.00	23.31 1.43 0.00	25.63 1.76 -0.16	27.54 2.09 -0.45	28.13 2.32 -1.39	27.41 2.09 -0.24	31.68 2.50 -0.50	26.99 2.04 -0.20	29.84 2.12 -0.33	37.65 2.59 0.00	71.92 6.04 0.00	35.91 2.99 0.00	31.66 2.82 0.00	27.52 2.48 -0.03	23.57 1.86 -1.09	20.91 1.61 -0.87
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	20.05 1.06 0.00	19.69 1.01 0.00	19.78 0.98 0.00	19.75 1.03 0.00	19.98 1.11 0.00	21.70 1.33 -0.10	23.53 1.56 0.00	29.01 2.01 0.00	24.06 1.60 0.00	23.33 1.46 0.00	25.42 1.59 -0.12	26.91 1.72 -0.19	26.31 1.72 -0.17	26.96 1.71 -0.18	31.19 2.14 -0.37	26.72 1.83 -0.15	29.55 1.91 -0.24	37.44 2.37 0.00	70.71 4.83 0.00	35.40 2.48 0.00	31.07 2.24 0.00	26.91 1.88 -0.03	22.10 1.48 0.00	20.58 1.28 -0.87
FORT ORANGE____ 23900	19.39 0.41 0.00	19.08 0.40 0.00	19.18 0.39 0.00	19.16 0.44 0.00	19.35 0.48 0.00	21.05 0.66 -0.13	22.69 0.73 0.00	27.91 0.91 0.00	23.18 0.71 0.00	22.38 0.50 0.00	24.13 0.57 0.15	25.34 0.58 0.24	24.73 0.54 0.22	25.37 0.52 0.23	28.95 0.75 0.47	25.19 0.64 0.19	27.74 0.66 0.31	35.93 0.86 0.00	67.79 1.92 0.00	33.89 0.97 0.00	29.73 0.89 0.00	25.77 0.73 -0.03	21.19 0.57 0.00	19.99 0.51 -1.05
FORT_DRUM_COGEN 23780	19.02 0.03 0.00	18.65 -0.03 0.00	18.80 0.01 0.00	18.68 -0.05 0.00	18.81 -0.07 0.00	20.37 0.08 -0.01	22.11 0.15 0.00	27.08 0.08 0.00	22.41 -0.05 0.00	21.82 -0.05 0.00	23.52 -0.19 0.00	24.52 -0.48 0.00	24.29 -0.12 0.00	24.96 -0.12 0.00	28.30 -0.38 0.00	24.25 -0.50 0.00	27.06 -0.34 0.00	35.07 0.00 0.00	65.70 -0.17 0.00	32.70 -0.22 0.00	28.26 -0.58 0.00	24.35 -0.66 0.00	20.07 -0.55 0.00	17.92 -0.61 -0.10
FPL_FAR_ROCK_GT1 24212	20.46 1.47 0.00	20.07 1.39 0.00	20.10 1.31 0.00	20.11 1.39 0.00	21.05 1.54 -0.63	36.58 1.79 -14.52	54.12 2.06 -30.10	29.36 2.36 0.00	24.24 1.78 0.00	23.58 1.70 0.00	25.82 1.95 -0.16	27.75 2.30 -0.45	28.17 2.37 -1.40	27.49 2.18 -0.24	31.82 2.64 -0.50	27.26 2.31 -0.20	30.07 2.35 -0.33	37.89 2.83 0.00	71.75 5.87 0.00	35.93 3.01 0.00	31.67 2.83 0.00	27.51 2.47 -0.03	38.50 1.89 -15.98	20.97 1.67 -0.88
FPL_FAR_ROCK_GT2 23815	20.46 1.47 0.00	20.07 1.39 0.00	20.10 1.31 0.00	20.11 1.39 0.00	21.05 1.54 -0.63	36.58 1.79 -14.52	54.12 2.06 -30.10	29.36 2.36 0.00	24.24 1.78 0.00	23.58 1.70 0.00	25.82 1.95 -0.16	27.75 2.30 -0.45	28.17 2.37 -1.40	27.49 2.18 -0.24	31.82 2.64 -0.50	27.26 2.31 -0.20	30.07 2.35 -0.33	37.89 2.83 0.00	71.75 5.87 0.00	35.93 3.01 0.00	31.67 2.83 0.00	27.51 2.47 -0.03	38.50 1.89 -15.98	20.97 1.67 -0.88
FRANKLIN_FALL_HYD 24054	19.38 0.39 0.00	19.29 0.62 0.00	19.38 0.59 0.00	19.21 0.49 0.00	19.23 0.36 0.00	20.49 0.22 0.00	22.01 0.04 0.00	26.95 -0.04 0.00	22.70 0.24 0.00	22.06 0.18 0.00	23.87 0.16 0.00	25.25 0.25 0.00	24.76 0.34 0.00	25.39 0.31 0.00	28.92 0.24 0.00	24.97 0.23 0.00	27.77 0.37 0.00	35.62 0.56 0.00	67.04 1.17 0.00	33.06 0.14 0.00	28.81 -0.03 0.00	24.92 -0.09 0.00	20.74 0.12 0.00	18.78 0.33 -0.02
FREEPORT_EQUS_GT1 23764	20.35 1.36 0.00	19.96 1.28 0.00	20.00 1.21 0.00	19.99 1.27 0.00	20.94 1.43 -0.63	36.46 1.67 -14.52	53.99 1.93 -30.10	29.20 2.20 0.00	24.10 1.65 0.00	23.39 1.51 0.00	25.64 1.77 -0.16	27.58 2.13 -0.45	28.02 2.21 -1.40	27.30 1.99 -0.24	31.59 2.41 -0.50	27.01 2.07 -0.20	29.80 2.08 -0.33	37.46 2.40 0.00	71.08 5.20 0.00	35.55 2.63 0.00	31.45 2.61 0.00	27.36 2.33 -0.03	28.81 1.82 -6.37	20.86 1.56 -0.87
FREEPORT___CT2 23818	20.35 1.36 0.00	19.96 1.28 0.00	20.00 1.21 0.00	19.99 1.27 0.00	20.94 1.43 -0.63	36.46 1.67 -14.52	53.99 1.93 -30.10	29.20 2.20 0.00	24.10 1.65 0.00	23.39 1.51 0.00	25.64 1.77 -0.16	27.58 2.13 -0.45	28.02 2.21 -1.40	27.30 1.99 -0.24	31.59 2.41 -0.50	27.01 2.07 -0.20	29.80 2.08 -0.33	37.46 2.40 0.00	71.08 5.20 0.00	35.55 2.63 0.00	31.45 2.61 0.00	27.36 2.33 -0.03	28.81 1.82 -6.37	20.86 1.56 -0.87

FRESHKLS_33_KV_LOAD 356253	20.10 1.12 0.00	19.76 1.09 0.00	20.06 1.27 0.00	20.08 1.36 0.00	20.32 1.44 0.00	22.07 1.69 -0.10	23.86 1.90 0.00	29.19 2.20 0.00	24.15 1.69 0.00	23.50 1.63 0.00	25.63 1.76 -0.16	27.16 1.91 -0.25	26.53 1.89 -0.23	27.18 1.86 -0.24	31.51 2.34 -0.50	26.95 2.01 -0.20	29.74 2.02 -0.33	37.29 2.44 0.22	53.06 4.80 17.61	34.40 2.51 1.03	31.38 2.55 0.00	27.14 2.10 -0.03	22.25 1.63 0.00	20.73 1.43 -0.87
FULTON COGEN____ 23766	18.76 -0.22 0.00	18.40 -0.27 0.00	18.52 -0.27 0.00	18.44 -0.29 0.00	18.59 -0.29 0.00	19.99 -0.30 -0.02	21.63 -0.34 0.00	26.55 -0.45 0.00	22.10 -0.36 0.00	21.55 -0.33 0.00	23.34 -0.37 0.00	24.63 -0.37 0.00	24.01 -0.40 0.00	24.70 -0.38 0.00	28.21 -0.47 0.00	24.35 -0.39 0.00	26.96 -0.43 0.00	34.57 -0.50 0.00	64.93 -0.94 0.00	32.48 -0.44 0.00	28.47 -0.37 0.00	24.74 -0.27 0.00	20.37 -0.25 0.00	18.33 -0.26 -0.16
FULTON____LFGE 323630	20.24 1.25 0.00	19.77 1.09 0.00	19.88 1.08 0.00	19.82 1.10 0.00	20.09 1.22 0.00	21.78 1.38 -0.13	23.58 1.61 0.00	29.10 2.11 0.00	23.89 1.43 0.00	22.77 0.89 0.00	24.38 0.79 0.12	25.55 0.74 0.19	24.96 0.73 0.18	25.45 0.56 0.19	28.59 0.29 0.38	25.38 0.79 0.15	27.81 0.67 0.25	37.08 2.02 0.00	69.88 4.00 0.00	35.00 2.08 0.00	30.65 1.82 0.00	26.39 1.35 -0.03	21.75 1.14 0.00	20.55 1.03 -1.09
G.F.CEMENT____DRP 24184	19.88 0.89 0.00	19.55 0.88 0.00	19.71 0.92 0.00	19.70 0.98 0.00	20.08 1.20 0.00	21.82 1.42 -0.13	23.63 1.67 0.00	29.14 2.15 0.00	24.25 1.79 0.00	23.45 1.58 0.00	25.25 1.68 0.15	26.55 1.78 0.23	25.91 1.72 0.22	26.59 1.74 0.23	30.34 2.13 0.47	26.38 1.83 0.19	28.91 1.82 0.30	37.41 2.34 0.00	70.75 4.87 0.00	35.34 2.42 0.00	30.87 2.03 0.00	26.74 1.70 -0.03	21.96 1.35 0.00	20.64 1.13 -1.08
GARDENVILLE____LBMP 24039	18.62 -0.37 0.00	18.17 -0.51 0.00	18.33 -0.46 0.00	18.16 -0.57 0.00	18.24 -0.63 0.00	19.71 -0.59 -0.03	21.02 -0.73 0.22	25.85 -1.14 0.00	21.88 -0.58 0.00	21.57 -0.30 0.00	23.57 -0.14 0.00	24.92 -0.08 0.00	24.02 -0.40 0.00	25.00 -0.07 0.00	28.18 -0.50 0.00	24.42 -0.33 0.00	27.16 -0.23 0.00	34.61 -0.45 0.00	64.43 -1.44 0.00	32.39 -0.53 0.00	28.28 -0.56 0.00	23.97 -0.78 0.26	20.03 -0.59 0.00	18.07 -0.61 -0.25
GARDNVLA_35_KV_LD 355827	18.70 -0.28 0.00	18.24 -0.43 0.00	18.41 -0.38 0.00	18.23 -0.50 0.00	18.32 -0.55 0.00	19.79 -0.51 -0.03	21.14 -0.64 0.18	25.96 -1.03 0.00	21.98 -0.47 0.00	21.68 -0.20 0.00	23.69 -0.02 0.00	25.04 0.04 0.00	24.13 -0.28 0.00	25.11 0.04 0.00	28.30 -0.38 0.00	24.52 -0.23 0.00	27.29 -0.11 0.00	34.77 -0.30 0.00	64.74 -1.14 0.00	32.55 -0.37 0.00	28.43 -0.41 0.00	24.13 -0.67 0.21	20.12 -0.50 0.00	18.14 -0.54 -0.25
GELCKHM__115KV_LOAD 80723	18.90 -0.08 0.00	18.55 -0.13 0.00	18.65 -0.14 0.00	18.58 -0.15 0.00	18.74 -0.14 0.00	20.16 -0.13 -0.02	21.83 -0.14 0.00	26.79 -0.21 0.00	22.32 -0.15 0.00	21.75 -0.12 0.00	23.59 -0.12 0.00	24.89 -0.11 0.00	24.25 -0.16 0.00	24.97 -0.11 0.00	28.52 -0.16 0.00	24.62 -0.12 0.00	27.28 -0.12 0.00	34.94 -0.12 0.00	65.56 -0.32 0.00	32.82 -0.10 0.00	28.77 -0.07 0.00	24.94 -0.08 -0.01	20.53 -0.08 0.00	18.50 -0.12 -0.19
GENERAL____MILLS 23808	18.68 -0.31 0.00	18.22 -0.46 0.00	18.39 -0.40 0.00	18.21 -0.51 0.00	18.30 -0.57 0.00	19.78 -0.53 -0.03	21.11 -0.66 0.19	25.93 -1.06 0.00	21.95 -0.51 0.00	21.65 -0.23 0.00	23.65 -0.06 0.00	25.01 0.00 0.00	24.09 -0.32 0.00	25.08 0.00 0.00	28.26 -0.42 0.00	24.48 -0.26 0.00	27.24 -0.15 0.00	34.71 -0.35 0.00	64.64 -1.24 0.00	32.49 -0.43 0.00	28.39 -0.45 0.00	24.08 -0.71 0.22	20.09 -0.53 0.00	18.12 -0.56 -0.25
GE_PLASTICS____DRP 24183	19.39 0.41 0.00	19.08 0.40 0.00	19.18 0.40 0.00	19.16 0.44 0.00	19.34 0.47 0.00	20.99 0.59 -0.13	22.64 0.67 0.00	27.87 0.87 0.00	23.13 0.66 0.00	22.40 0.52 0.00	24.19 0.60 0.12	25.45 0.63 0.18	24.87 0.62 0.17	25.50 0.60 0.18	29.13 0.81 0.36	25.27 0.67 0.14	27.84 0.68 0.23	35.92 0.85 0.00	67.70 1.82 0.00	33.85 0.93 0.00	29.71 0.87 0.00	25.76 0.72 -0.03	21.20 0.58 0.00	20.00 0.52 -1.05
GILBOA____1 23756	19.56 0.57 0.00	19.23 0.55 0.00	19.39 0.60 0.00	19.36 0.63 0.00	19.54 0.67 0.00	21.04 0.66 -0.10	22.74 0.77 0.00	27.95 0.96 0.00	23.20 0.73 0.00	22.54 0.67 0.00	24.46 0.75 0.00	25.81 0.81 0.00	25.22 0.80 0.00	25.87 0.79 0.00	29.69 1.01 0.00	25.59 0.84 0.00	28.23 0.83 0.00	35.97 0.90 0.00	67.64 1.76 0.00	33.87 0.95 0.00	29.84 1.00 0.00	25.89 0.85 -0.03	21.29 0.68 0.00	19.90 0.60 -0.87
GILBOA____2 23757	19.56 0.57 0.00	19.23 0.55 0.00	19.39 0.60 0.00	19.36 0.63 0.00	19.54 0.67 0.00	21.04 0.66 -0.10	22.74 0.77 0.00	27.95 0.96 0.00	23.20 0.73 0.00	22.54 0.67 0.00	24.46 0.75 0.00	25.81 0.81 0.00	25.22 0.80 0.00	25.87 0.79 0.00	29.69 1.01 0.00	25.59 0.84 0.00	28.23 0.83 0.00	35.97 0.90 0.00	67.64 1.76 0.00	33.87 0.95 0.00	29.84 1.00 0.00	25.89 0.85 -0.03	21.29 0.68 0.00	19.90 0.60 -0.87
GILBOA____3 23758	19.56 0.57 0.00	19.23 0.55 0.00	19.39 0.60 0.00	19.36 0.63 0.00	19.54 0.67 0.00	21.04 0.66 -0.10	22.74 0.77 0.00	27.95 0.96 0.00	23.20 0.73 0.00	22.54 0.67 0.00	24.46 0.75 0.00	25.81 0.81 0.00	25.22 0.80 0.00	25.87 0.79 0.00	29.69 1.01 0.00	25.59 0.84 0.00	28.23 0.83 0.00	35.97 0.90 0.00	67.64 1.76 0.00	33.87 0.95 0.00	29.84 1.00 0.00	25.89 0.85 -0.03	21.29 0.68 0.00	19.90 0.60 -0.87
GILBOA____4 23759	19.56 0.57 0.00	19.23 0.55 0.00	19.39 0.60 0.00	19.36 0.63 0.00	19.54 0.67 0.00	21.04 0.66 -0.10	22.74 0.77 0.00	27.95 0.96 0.00	23.20 0.73 0.00	22.54 0.67 0.00	24.46 0.75 0.00	25.81 0.81 0.00	25.22 0.80 0.00	25.87 0.79 0.00	29.69 1.01 0.00	25.59 0.84 0.00	28.23 0.83 0.00	35.97 0.90 0.00	67.64 1.76 0.00	33.87 0.95 0.00	29.84 1.00 0.00	25.89 0.85 -0.03	21.29 0.68 0.00	19.90 0.60 -0.87
GILBOA____ 23599	19.56 0.58 0.00	19.23 0.55 0.00	19.39 0.60 0.00	19.35 0.63 0.00	19.54 0.67 0.00	21.04 0.66 -0.10	22.74 0.77 0.00	27.95 0.96 0.00	23.20 0.74 0.00	22.54 0.67 0.00	24.46 0.75 0.00	25.81 0.81 0.00	25.22 0.80 0.00	25.87 0.79 0.00	29.69 1.01 0.00	25.58 0.84 0.00	28.23 0.83 0.00	35.97 0.90 0.00	67.64 1.76 0.00	33.87 0.95 0.00	29.84 1.00 0.00	25.89 0.85 -0.03	21.30 0.68 0.00	19.91 0.61 -0.87
GINNA____ 23603	17.91 -1.08 0.00	17.54 -1.14 0.00	17.68 -1.11 0.00	17.58 -1.14 0.00	17.70 -1.18 0.00	19.11 -1.19 -0.03	20.67 -1.30 0.00	25.25 -1.74 0.00	21.16 -1.30 0.00	20.68 -1.20 0.00	22.47 -1.24 0.00	23.69 -1.31 0.00	22.96 -1.45 0.00	23.80 -1.28 0.00	27.05 -1.63 0.00	23.37 -1.37 0.00	26.00 -1.40 0.00	33.35 -1.71 0.00	62.48 -3.40 0.00	31.36 -1.56 0.00	27.43 -1.41 0.00	23.61 -1.41 -0.01	19.45 -1.17 0.00	17.53 -1.11 -0.21

GLEN PARK____ 23778	19.08 0.10 0.00	18.70 0.02 0.00	18.85 0.06 0.00	18.73 0.01 0.00	18.87 -0.01 0.00	20.44 0.16 -0.01	22.21 0.25 0.00	27.22 0.22 0.00	22.52 0.06 0.00	21.92 0.04 0.00	23.62 -0.09 0.00	24.57 -0.44 0.00	24.37 -0.04 0.00	25.05 -0.02 0.00	28.40 -0.28 0.00	24.34 -0.40 0.00	27.14 -0.26 0.00	35.22 0.15 0.00	66.09 0.22 0.00	32.91 -0.01 0.00	28.45 -0.39 0.00	24.50 -0.52 0.00	20.18 -0.44 0.00	18.02 -0.51 -0.10
GLENDAL_27_KV_LOAD 356172	20.09 1.10 0.00	19.72 1.05 0.00	19.79 1.00 0.00	19.78 1.06 0.00	20.00 1.13 0.00	21.79 1.41 -0.10	23.60 1.63 0.00	29.13 2.14 0.00	24.11 1.65 0.00	23.50 1.62 0.00	25.68 1.81 -0.16	27.22 1.97 -0.25	26.62 1.98 -0.23	27.26 1.94 -0.24	31.60 2.42 -0.50	27.01 2.07 -0.20	29.81 2.09 -0.33	37.57 2.51 0.00	70.90 5.03 0.00	35.52 2.60 0.00	31.26 2.42 0.00	27.11 2.07 -0.03	22.21 1.59 0.00	20.68 1.38 -0.87
GLENWOOD_IC_1_G5 23712	20.32 1.33 0.00	19.95 1.27 0.00	19.98 1.19 0.00	19.99 1.27 0.00	20.93 1.42 -0.63	36.44 1.65 -14.52	53.99 1.93 -30.10	29.22 2.22 0.00	24.13 1.67 0.00	23.43 1.56 0.00	25.69 1.82 -0.16	27.58 2.13 -0.45	28.04 2.23 -1.39	27.35 2.03 -0.24	31.67 2.49 -0.50	27.07 2.13 -0.20	29.90 2.17 -0.33	37.65 2.59 0.00	71.36 5.48 0.00	35.69 2.77 0.00	31.45 2.61 0.00	27.31 2.28 -0.03	26.71 1.77 -4.32	20.84 1.54 -0.87
GLENWOOD_IC_2_G1 23688	20.27 1.28 0.00	19.90 1.22 0.00	19.95 1.16 0.00	19.95 1.23 0.00	20.88 1.37 -0.63	36.38 1.59 -14.52	53.93 1.86 -30.10	29.13 2.13 0.00	24.07 1.61 0.00	23.39 1.51 0.00	25.62 1.75 -0.16	27.53 2.08 -0.45	27.96 2.15 -1.40	27.27 1.96 -0.24	31.57 2.40 -0.50	27.00 2.05 -0.20	29.81 2.09 -0.33	37.55 2.48 0.00	71.11 5.24 0.00	35.58 2.67 0.00	31.35 2.51 0.00	27.25 2.21 -0.03	24.26 1.72 -1.92	20.79 1.49 -0.87
GLENWOOD_IC_3_G1 23689	20.27 1.28 0.00	19.90 1.22 0.00	19.95 1.16 0.00	19.95 1.23 0.00	20.88 1.37 -0.63	36.38 1.59 -14.52	53.93 1.86 -30.10	29.13 2.13 0.00	24.07 1.61 0.00	23.39 1.51 0.00	25.62 1.75 -0.16	27.53 2.08 -0.45	27.96 2.15 -1.40	27.27 1.96 -0.24	31.57 2.40 -0.50	27.00 2.05 -0.20	29.81 2.09 -0.33	37.55 2.48 0.00	71.11 5.24 0.00	35.58 2.67 0.00	31.35 2.51 0.00	27.25 2.21 -0.03	24.26 1.72 -1.92	20.79 1.49 -0.87
GLENWOOD____4 23550	20.32 1.33 0.00	19.95 1.27 0.00	19.98 1.19 0.00	19.99 1.27 0.00	20.93 1.42 -0.63	36.44 1.65 -14.52	53.99 1.93 -30.10	29.22 2.22 0.00	24.13 1.67 0.00	23.43 1.56 0.00	25.69 1.82 -0.16	27.58 2.13 -0.45	28.04 2.23 -1.39	27.35 2.03 -0.24	31.67 2.49 -0.50	27.07 2.13 -0.20	29.90 2.17 -0.33	37.65 2.59 0.00	71.36 5.48 0.00	35.69 2.77 0.00	31.45 2.61 0.00	27.31 2.28 -0.03	26.71 1.77 -4.32	20.84 1.54 -0.87
GLENWOOD____5 23614	20.32 1.33 0.00	19.95 1.27 0.00	19.98 1.19 0.00	19.99 1.27 0.00	20.93 1.42 -0.63	36.44 1.65 -14.52	53.99 1.93 -30.10	29.22 2.22 0.00	24.13 1.67 0.00	23.43 1.56 0.00	25.69 1.82 -0.16	27.58 2.13 -0.45	28.04 2.23 -1.39	27.35 2.03 -0.24	31.67 2.49 -0.50	27.07 2.13 -0.20	29.90 2.17 -0.33	37.65 2.59 0.00	71.36 5.48 0.00	35.69 2.77 0.00	31.45 2.61 0.00	27.31 2.28 -0.03	26.71 1.77 -4.32	20.84 1.54 -0.87
GLOBAL GREEN_PORT_GT1 23814	20.97 1.99 0.00	20.55 1.88 0.00	20.59 1.80 0.00	20.60 1.87 0.00	21.56 2.06 -0.63	37.17 2.38 -14.52	54.84 2.78 -30.10	30.20 3.20 0.00	25.05 2.59 0.00	24.04 2.17 0.00	26.29 2.41 -0.16	28.37 2.92 -0.45	28.79 2.98 -1.40	27.98 2.66 -0.24	32.31 3.14 -0.50	27.47 2.52 -0.20	30.47 2.74 -0.33	38.55 3.48 0.00	74.41 8.54 0.00	36.95 4.03 0.00	32.42 3.58 0.00	28.16 3.12 -0.03	24.00 2.33 -1.05	21.30 2.00 -0.87
GLOBE____DSASP 323697	18.01 -0.97 0.00	17.59 -1.09 0.00	17.77 -1.03 0.00	17.59 -1.14 0.00	17.64 -1.24 0.00	19.01 -1.29 -0.03	20.23 -1.59 0.15	24.63 -2.36 0.01	20.86 -1.60 0.00	20.65 -1.23 0.00	22.60 -1.11 0.00	23.84 -1.16 0.00	22.93 -1.48 0.00	23.92 -1.16 0.00	26.89 -1.79 0.00	23.46 -1.29 0.00	26.10 -1.30 0.00	33.23 -1.84 0.00	62.03 -3.84 0.00	31.26 -1.66 0.00	27.19 -1.64 0.00	23.23 -1.61 0.17	19.40 -1.22 0.00	17.53 -1.14 -0.24
GOETHSLN____LBMP 323567	20.00 1.02 0.00	19.64 0.96 0.00	19.69 0.90 0.00	19.67 0.95 0.00	19.89 1.01 0.00	21.64 1.26 -0.10	23.45 1.48 0.00	28.92 1.92 0.00	23.91 1.45 0.00	23.29 1.42 0.00	25.47 1.60 -0.16	26.99 1.74 -0.25	26.42 1.77 -0.23	27.03 1.71 -0.24	31.37 2.19 -0.50	26.81 1.87 -0.20	29.61 1.88 -0.33	37.30 2.23 0.00	70.38 4.50 0.00	35.25 2.33 0.00	30.99 2.15 0.00	26.90 1.86 -0.03	22.07 1.46 0.00	20.57 1.27 -0.87
GOLAH____69_KV_TB 1_2 80279	18.84 -0.15 0.00	18.43 -0.24 0.00	18.61 -0.18 0.00	18.47 -0.25 0.00	18.54 -0.33 0.00	20.08 -0.21 -0.03	21.71 -0.25 0.00	26.53 -0.46 0.00	22.36 -0.09 0.00	21.83 -0.05 0.00	23.68 -0.03 0.00	25.01 0.01 0.00	24.18 -0.24 0.00	25.14 0.06 0.00	28.47 -0.21 0.00	24.62 -0.12 0.00	27.41 0.01 0.00	35.13 0.07 0.00	65.83 -0.04 0.00	33.12 0.20 0.00	28.96 0.12 0.00	24.86 -0.16 -0.01	20.47 -0.14 0.00	18.41 -0.23 -0.22
GOODYEAR_LAKE_HYD 323669	19.80 0.82 0.00	19.42 0.74 0.00	19.55 0.75 0.00	19.48 0.76 0.00	19.67 0.80 0.00	21.23 0.90 -0.06	23.04 1.08 0.00	28.33 1.33 0.00	23.51 1.06 0.00	22.89 1.01 0.00	24.82 1.11 0.00	26.22 1.22 0.00	25.58 1.16 0.00	26.25 1.18 0.00	30.11 1.43 0.00	25.95 1.21 0.00	28.69 1.29 0.00	36.64 1.57 0.00	68.95 3.07 0.00	34.47 1.55 0.00	30.25 1.41 0.00	26.17 1.15 -0.02	21.49 0.87 0.00	19.71 0.74 -0.53
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	19.34 0.35 0.00	18.91 0.24 0.00	19.01 0.22 0.00	18.93 0.21 0.00	19.12 0.25 0.00	20.64 0.32 -0.05	22.39 0.42 0.00	27.46 0.47 0.00	22.89 0.43 0.00	22.31 0.44 0.00	24.20 0.49 0.00	25.54 0.54 0.00	24.87 0.45 0.00	25.66 0.58 0.00	29.28 0.60 0.00	25.30 0.55 0.00	27.97 0.57 0.00	35.71 0.64 0.00	66.98 1.10 0.00	33.57 0.65 0.00	29.42 0.58 0.00	25.43 0.41 -0.01	20.91 0.29 0.00	19.04 0.22 -0.39
GOUDEY____7 23579	19.35 0.37 0.00	18.93 0.25 0.00	19.02 0.23 0.00	18.95 0.23 0.00	19.13 0.26 0.00	20.65 0.34 -0.05	22.40 0.44 0.00	27.49 0.50 0.00	22.91 0.45 0.00	22.33 0.46 0.00	24.22 0.51 0.00	25.56 0.56 0.00	24.90 0.48 0.00	25.68 0.60 0.00	29.31 0.63 0.00	25.32 0.57 0.00	27.99 0.60 0.00	35.74 0.67 0.00	67.05 1.17 0.00	33.60 0.68 0.00	29.45 0.61 0.00	25.45 0.43 -0.01	20.93 0.31 0.00	19.06 0.24 -0.39
GOUDEY____8 23580	19.34 0.35 0.00	18.91 0.24 0.00	19.01 0.22 0.00	18.93 0.21 0.00	19.12 0.25 0.00	20.64 0.32 -0.05	22.39 0.42 0.00	27.46 0.47 0.00	22.89 0.43 0.00	22.31 0.44 0.00	24.20 0.49 0.00	25.54 0.54 0.00	24.87 0.45 0.00	25.66 0.58 0.00	29.28 0.60 0.00	25.30 0.55 0.00	27.97 0.57 0.00	35.71 0.64 0.00	66.98 1.10 0.00	33.57 0.65 0.00	29.42 0.58 0.00	25.43 0.41 -0.01	20.91 0.29 0.00	19.04 0.22 -0.39

GOWANUS_GT1_1 24077	20.10 1.12 0.00	19.75 1.07 0.00	19.85 1.06 0.00	19.84 1.12 0.00	20.07 1.19 0.00	21.84 1.46 -0.10	23.65 1.69 0.00	29.15 2.16 0.00	24.13 1.67 0.00	23.50 1.63 0.00	25.68 1.80 -0.16	27.22 1.97 -0.25	26.62 1.97 -0.23	27.26 1.94 -0.24	31.60 2.42 -0.50	27.02 2.07 -0.20	29.81 2.09 -0.33	37.53 2.47 0.00	70.86 4.98 0.00	35.50 2.59 0.00	31.30 2.46 0.00	27.14 2.11 -0.03	22.24 1.62 0.00	20.70 1.40 -0.87
GOWANUS_GT1_2 24078	20.10 1.12 0.00	19.75 1.07 0.00	19.85 1.06 0.00	19.84 1.12 0.00	20.07 1.19 0.00	21.84 1.46 -0.10	23.65 1.69 0.00	29.15 2.16 0.00	24.13 1.67 0.00	23.50 1.63 0.00	25.68 1.80 -0.16	27.22 1.97 -0.25	26.62 1.97 -0.23	27.26 1.94 -0.24	31.60 2.42 -0.50	27.02 2.07 -0.20	29.81 2.09 -0.33	37.53 2.47 0.00	70.86 4.98 0.00	35.50 2.59 0.00	31.30 2.46 0.00	27.14 2.11 -0.03	22.24 1.62 0.00	20.70 1.40 -0.87
GOWANUS_GT1_3 24079	20.10 1.12 0.00	19.75 1.07 0.00	19.85 1.06 0.00	19.84 1.12 0.00	20.07 1.19 0.00	21.84 1.46 -0.10	23.65 1.69 0.00	29.15 2.16 0.00	24.13 1.67 0.00	23.50 1.63 0.00	25.68 1.80 -0.16	27.22 1.97 -0.25	26.62 1.97 -0.23	27.26 1.94 -0.24	31.60 2.42 -0.50	27.02 2.07 -0.20	29.81 2.09 -0.33	37.53 2.47 0.00	70.86 4.98 0.00	35.50 2.59 0.00	31.30 2.46 0.00	27.14 2.11 -0.03	22.24 1.62 0.00	20.70 1.40 -0.87
GOWANUS_GT1_4 24080	20.10 1.12 0.00	19.75 1.07 0.00	19.85 1.06 0.00	19.84 1.12 0.00	20.07 1.19 0.00	21.84 1.46 -0.10	23.65 1.69 0.00	29.15 2.16 0.00	24.13 1.67 0.00	23.50 1.63 0.00	25.68 1.80 -0.16	27.22 1.97 -0.25	26.62 1.97 -0.23	27.26 1.94 -0.24	31.60 2.42 -0.50	27.02 2.07 -0.20	29.81 2.09 -0.33	37.53 2.47 0.00	70.86 4.98 0.00	35.50 2.59 0.00	31.30 2.46 0.00	27.14 2.11 -0.03	22.24 1.62 0.00	20.70 1.40 -0.87
GOWANUS_GT1_5 24084	20.10 1.12 0.00	19.75 1.07 0.00	19.85 1.06 0.00	19.84 1.12 0.00	20.07 1.19 0.00	21.84 1.46 -0.10	23.65 1.69 0.00	29.15 2.16 0.00	24.13 1.67 0.00	23.50 1.63 0.00	25.68 1.80 -0.16	27.22 1.97 -0.25	26.62 1.97 -0.23	27.26 1.94 -0.24	31.60 2.42 -0.50	27.02 2.07 -0.20	29.81 2.09 -0.33	37.53 2.47 0.00	70.86 4.98 0.00	35.50 2.59 0.00	31.30 2.46 0.00	27.14 2.11 -0.03	22.24 1.62 0.00	20.70 1.40 -0.87
GOWANUS_GT1_6 24111	20.10 1.12 0.00	19.75 1.07 0.00	19.85 1.06 0.00	19.84 1.12 0.00	20.07 1.19 0.00	21.84 1.46 -0.10	23.65 1.69 0.00	29.15 2.16 0.00	24.13 1.67 0.00	23.50 1.63 0.00	25.68 1.80 -0.16	27.22 1.97 -0.25	26.62 1.97 -0.23	27.26 1.94 -0.24	31.60 2.42 -0.50	27.02 2.07 -0.20	29.81 2.09 -0.33	37.53 2.47 0.00	70.86 4.98 0.00	35.50 2.59 0.00	31.30 2.46 0.00	27.14 2.11 -0.03	22.24 1.62 0.00	20.70 1.40 -0.87
GOWANUS_GT1_7 24112	20.10 1.12 0.00	19.75 1.07 0.00	19.85 1.06 0.00	19.84 1.12 0.00	20.07 1.19 0.00	21.84 1.46 -0.10	23.65 1.69 0.00	29.15 2.16 0.00	24.13 1.67 0.00	23.50 1.63 0.00	25.68 1.80 -0.16	27.22 1.97 -0.25	26.62 1.97 -0.23	27.26 1.94 -0.24	31.60 2.42 -0.50	27.02 2.07 -0.20	29.81 2.09 -0.33	37.53 2.47 0.00	70.86 4.98 0.00	35.50 2.59 0.00	31.30 2.46 0.00	27.14 2.11 -0.03	22.24 1.62 0.00	20.70 1.40 -0.87
GOWANUS_GT1_8 24113	20.10 1.12 0.00	19.75 1.07 0.00	19.85 1.06 0.00	19.84 1.12 0.00	20.07 1.19 0.00	21.84 1.46 -0.10	23.65 1.69																	

GOWANUS_GT2_8 24121	20.10 1.12 0.00	19.75 1.07 0.00	19.85 1.06 0.00	19.84 1.12 0.00	20.07 1.19 0.00	21.84 1.46 -0.10	23.66 1.69 0.00	29.15 2.15 0.00	24.13 1.67 0.00	23.51 1.63 0.00	25.68 1.80 -0.16	27.23 1.98 -0.25	26.62 1.97 -0.23	27.25 1.94 -0.24	31.60 2.42 -0.50	27.01 2.07 -0.20	29.81 2.09 -0.33	37.53 2.47 0.00	70.86 4.99 0.00	35.50 2.59 0.00	31.30 2.46 0.00	27.15 2.12 -0.03	22.24 1.62 0.00	20.70 1.40 -0.87
GOWANUS_GT3_1 24122	20.10 1.12 0.00	19.75 1.07 0.00	19.85 1.06 0.00	19.84 1.12 0.00	20.07 1.19 0.00	21.84 1.46 -0.10	23.66 1.69 0.00	29.15 2.15 0.00	24.13 1.67 0.00	23.51 1.63 0.00	25.68 1.80 -0.16	27.23 1.98 -0.25	26.62 1.97 -0.23	27.25 1.94 -0.24	31.60 2.42 -0.50	27.01 2.07 -0.20	29.81 2.09 -0.33	37.53 2.47 0.00	70.86 4.99 0.00	35.50 2.59 0.00	31.30 2.46 0.00	27.15 2.12 -0.03	22.24 1.62 0.00	20.70 1.40 -0.87
GOWANUS_GT3_2 24123	20.10 1.12 0.00	19.75 1.07 0.00	19.85 1.06 0.00	19.84 1.12 0.00	20.07 1.19 0.00	21.84 1.46 -0.10	23.66 1.69 0.00	29.15 2.15 0.00	24.13 1.67 0.00	23.51 1.63 0.00	25.68 1.80 -0.16	27.23 1.98 -0.25	26.62 1.97 -0.23	27.25 1.94 -0.24	31.60 2.42 -0.50	27.01 2.07 -0.20	29.81 2.09 -0.33	37.53 2.47 0.00	70.86 4.99 0.00	35.50 2.59 0.00	31.30 2.46 0.00	27.15 2.12 -0.03	22.24 1.62 0.00	20.70 1.40 -0.87
GOWANUS_GT3_3 24124	20.10 1.12 0.00	19.75 1.07 0.00	19.85 1.06 0.00	19.84 1.12 0.00	20.07 1.19 0.00	21.84 1.46 -0.10	23.66 1.69 0.00	29.15 2.15 0.00	24.13 1.67 0.00	23.51 1.63 0.00	25.68 1.80 -0.16	27.23 1.98 -0.25	26.62 1.97 -0.23	27.25 1.94 -0.24	31.60 2.42 -0.50	27.01 2.07 -0.20	29.81 2.09 -0.33	37.53 2.47 0.00	70.86 4.99 0.00	35.50 2.59 0.00	31.30 2.46 0.00	27.15 2.12 -0.03	22.24 1.62 0.00	20.70 1.40 -0.87
GOWANUS_GT3_4 24125	20.10 1.12 0.00	19.75 1.07 0.00	19.85 1.06 0.00	19.84 1.12 0.00	20.07 1.19 0.00	21.84 1.46 -0.10	23.66 1.69 0.00	29.15 2.15 0.00	24.13 1.67 0.00	23.51 1.63 0.00	25.68 1.80 -0.16	27.23 1.98 -0.25	26.62 1.97 -0.23	27.25 1.94 -0.24	31.60 2.42 -0.50	27.01 2.07 -0.20	29.81 2.09 -0.33	37.53 2.47 0.00	70.86 4.99 0.00	35.50 2.59 0.00	31.30 2.46 0.00	27.15 2.12 -0.03	22.24 1.62 0.00	20.70 1.40 -0.87
GOWANUS_GT3_5 24126	20.10 1.12 0.00	19.75 1.07 0.00	19.85 1.06 0.00	19.84 1.12 0.00	20.07 1.19 0.00	21.84 1.46 -0.10	23.66 1.69 0.00	29.15 2.15 0.00	24.13 1.67 0.00	23.51 1.63 0.00	25.68 1.80 -0.16	27.23 1.98 -0.25	26.62 1.97 -0.23	27.25 1.94 -0.24	31.60 2.42 -0.50	27.01 2.07 -0.20	29.81 2.09 -0.33	37.53 2.47 0.00	70.86 4.99 0.00	35.50 2.59 0.00	31.30 2.46 0.00	27.15 2.12 -0.03	22.24 1.62 0.00	20.70 1.40 -0.87
GOWANUS_GT3_6 24127	20.10 1.12 0.00	19.75 1.07 0.00	19.85 1.06 0.00	19.84 1.12 0.00	20.07 1.19 0.00	21.84 1.46 -0.10	23.66 1.69 0.00	29.15 2.15 0.00	24.13 1.67 0.00	23.51 1.63 0.00	25.68 1.80 -0.16	27.23 1.98 -0.25	26.62 1.97 -0.23	27.25 1.94 -0.24	31.60 2.42 -0.50	27.01 2.07 -0.20	29.81 2.09 -0.33	37.53 2.47 0.00	70.86 4.99 0.00	35.50 2.59 0.00	31.30 2.46 0.00	27.15 2.12 -0.03	22.24 1.62 0.00	20.70 1.40 -0.87
GOWANUS_GT3_7 24128	20.10 1.12 0.00	19.75 1.07 0.00	19.85 1.06 0.00	19.84 1.12 0.00	20.07 1.19 0.00	21.84 1.46 -0.10	23.66 1.69																	

GOWANUS_GT4_7 24136	20.10 1.12 0.00	19.75 1.07 0.00	19.85 1.06 0.00	19.84 1.12 0.00	20.07 1.19 0.00	21.84 1.46 -0.10	23.65 1.69 0.00	29.15 2.16 0.00	24.13 1.67 0.00	23.50 1.63 0.00	25.68 1.80 -0.16	27.22 1.97 -0.25	26.62 1.97 -0.23	27.26 1.94 -0.24	31.60 2.42 -0.50	27.02 2.07 -0.20	29.81 2.09 -0.33	37.53 2.47 0.00	70.86 4.98 0.00	35.50 2.59 0.00	31.30 2.46 0.00	27.14 2.11 -0.03	22.24 1.62 0.00	20.70 1.40 -0.87
GOWANUS_GT4_8 24137	20.10 1.12 0.00	19.75 1.07 0.00	19.85 1.06 0.00	19.84 1.12 0.00	20.07 1.19 0.00	21.84 1.46 -0.10	23.65 1.69 0.00	29.15 2.16 0.00	24.13 1.67 0.00	23.50 1.63 0.00	25.68 1.80 -0.16	27.22 1.97 -0.25	26.62 1.97 -0.23	27.26 1.94 -0.24	31.60 2.42 -0.50	27.02 2.07 -0.20	29.81 2.09 -0.33	37.53 2.47 0.00	70.86 4.98 0.00	35.50 2.59 0.00	31.30 2.46 0.00	27.14 2.11 -0.03	22.24 1.62 0.00	20.70 1.40 -0.87
GREENBSH_115KV_TB3 55895	19.29 0.30 0.00	18.97 0.30 0.00	19.07 0.28 0.00	19.05 0.33 0.00	19.25 0.38 0.00	20.94 0.54 -0.13	22.55 0.59 0.00	27.71 0.71 0.00	23.02 0.55 0.00	22.25 0.37 0.00	23.98 0.43 0.16	25.19 0.44 0.25	24.61 0.44 0.23	25.25 0.42 0.24	28.81 0.63 0.50	25.05 0.50 0.20	27.57 0.51 0.33	35.71 0.64 0.00	67.35 1.47 0.00	33.66 0.75 0.00	29.53 0.69 0.00	25.59 0.55 -0.03	21.06 0.44 0.00	19.89 0.40 -1.05
GREENDGE_115KV_TB5 80291	19.28 0.30 0.00	18.81 0.13 0.00	18.90 0.10 0.00	18.81 0.08 0.00	18.97 0.09 0.00	20.58 0.28 -0.03	22.63 0.41 -0.26	27.22 0.21 -0.01	22.77 0.31 0.00	22.22 0.35 0.00	24.19 0.47 0.00	25.32 0.32 0.00	24.54 0.12 0.00	25.38 0.31 0.00	28.86 0.19 0.00	25.05 0.30 0.00	27.73 0.34 0.00	35.52 0.45 0.00	66.46 0.58 0.00	33.22 0.30 0.00	29.09 0.25 0.00	25.38 0.05 -0.31	20.60 -0.01 0.00	18.63 -0.08 -0.28
GREENIDGE___3 23582	19.28 0.30 0.00	18.81 0.13 0.00	18.90 0.10 0.00	18.81 0.08 0.00	18.97 0.09 0.00	20.58 0.28 -0.03	22.63 0.41 -0.26	27.22 0.21 -0.01	22.77 0.31 0.00	22.22 0.35 0.00	24.19 0.47 0.00	25.32 0.32 0.00	24.54 0.12 0.00	25.38 0.31 0.00	28.86 0.19 0.00	25.05 0.30 0.00	27.73 0.34 0.00	35.52 0.45 0.00	66.46 0.58 0.00	33.22 0.30 0.00	29.09 0.25 0.00	25.38 0.05 -0.31	20.60 -0.01 0.00	18.63 -0.08 -0.28
GREENIDGE___4 23583	19.28 0.30 0.00	18.81 0.13 0.00	18.90 0.10 0.00	18.80 0.08 0.00	18.97 0.09 0.00	20.59 0.28 -0.03	22.63 0.41 -0.26	27.22 0.21 -0.01	22.77 0.31 0.00	22.21 0.34 0.00	24.18 0.47 0.00	25.30 0.30 0.00	24.53 0.12 0.00	25.39 0.31 0.00	28.86 0.19 0.00	25.05 0.30 0.00	27.73 0.34 0.00	35.52 0.45 0.00	66.46 0.58 0.00	33.22 0.30 0.00	29.09 0.25 0.00	25.36 0.04 -0.31	20.59 -0.03 0.00	18.63 -0.08 -0.28
GREENLWN_69_KV_BK 3 55738	20.27 1.28 0.00	19.90 1.22 0.00	19.93 1.14 0.00	19.95 1.23 0.00	20.88 1.38 -0.63	36.41 1.62 -14.52	53.91 1.84 -30.10	29.00 2.01 0.00	23.92 1.46 0.00	23.20 1.33 0.00	25.50 1.63 -0.16	27.40 1.95 -0.45	27.91 2.10 -1.39	27.16 1.85 -0.24	31.41 2.23 -0.50	26.80 1.85 -0.20	29.61 1.89 -0.33	37.33 2.26 0.00	70.83 4.96 0.00	35.43 2.51 0.00	31.25 2.41 0.00	27.20 2.16 -0.03	23.49 1.66 -1.20	20.77 1.47 -0.87
GREENWD_138_KV_38B11_REV_LBMP_J 345004	20.10 1.12 0.00	19.75 1.07 0.00	19.85 1.06 0.00	19.84 1.12 0.00	20.07 1.19 0.00	21.84 1.46 -0.10	23.65 1.69 0.00	29.15 2.16 0.00	24.13 1.67 0.00	23.50 1.63 0.00	25.68 1.80 -0.16	27.22 1.97 -0.25	26.62 1.97 -0.23	27.26 1.94 -0.24	31.60 2.42 -0.50	27.02 2.07 -0.20	29.81 2.09 -0.33	37.53 2.47 0.00	70.86 4.98 0.00	35.50 2.59 0.00	31.30 2.46 0.00	27.14 2.11 -0.03	22.24 1.62 0.00	20.70 1.40 -0.87
GRISSOM___SOLAR 323813	20.24 1.25 0.00	19.77 1.09 0.00	19.88 1.08 0.00	19.82 1.10 0.00	20.09 1.22 0.00	21.78 1.38 -0.13	23.58 1.61 0.00	29.10 2.11 0.00	23.89 1.43 0.00	22.77 0.89 0.00	24.38 0.79 0.12	25.55 0.74 0.19	24.96 0.73 0.18	25.45 0.56 0.19	28.59 0.29 0.38	25.38 0.79 0.15	27.81 0.67 0.25	37.08 2.02 0.00	69.88 4.00 0.00	35.00 2.08 0.00	30.65 1.82 0.00	26.39 1.35 -0.03	21.75 1.14 0.00	20.55 1.03 -1.09
GROVEVILLE___HYD 323602	20.05 1.06 0.00	19.69 1.01 0.00	19.78 0.98 0.00	19.75 1.03 0.00	19.98 1.11 0.00	21.70 1.33 -0.10	23.53 1.56 0.00	29.01 2.01 0.00	24.06 1.60 0.00	23.33 1.46 0.00	25.42 1.59 -0.12	26.91 1.72 -0.19	26.31 1.72 -0.17	26.96 1.71 -0.18	31.19 2.14 -0.37	26.72 1.83 -0.15	29.55 1.91 -0.24	37.44 2.37 0.00	70.71 4.83 0.00	35.40 2.48 0.00	31.07 2.24 0.00	26.91 1.88 -0.03	22.10 1.48 0.00	20.58 1.28 -0.87
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	19.09 0.11 0.00	18.74 0.06 0.00	18.83 0.05 0.00	18.76 0.04 0.00	18.93 0.06 0.00	20.38 0.09 -0.02	22.07 0.10 0.00	27.08 0.09 0.00	22.54 0.08 0.00	21.98 0.10 0.00	23.83 0.12 0.00	25.14 0.14 0.00	24.49 0.08 0.00	25.20 0.13 0.00	28.79 0.12 0.00	24.87 0.13 0.00	27.56 0.16 0.00	35.31 0.25 0.00	66.24 0.37 0.00	33.17 0.25 0.00	29.07 0.24 0.00	25.18 0.17 -0.01	20.73 0.11 0.00	18.68 0.05 -0.20
HAMLTNNY_34_KV_TB 80303	19.16 0.17 0.00	18.79 0.12 0.00	18.88 0.09 0.00	18.81 0.09 0.00	18.99 0.11 0.00	20.45 0.15 -0.03	22.17 0.20 0.00	27.23 0.23 0.00	22.68 0.22 0.00	22.07 0.19 0.00	23.92 0.21 0.00	25.22 0.22 0.00	24.57 0.15 0.00	25.34 0.27 0.00	28.96 0.28 0.00	25.03 0.29 0.00	27.73 0.34 0.00	35.53 0.47 0.00	66.65 0.78 0.00	33.41 0.48 0.00	29.27 0.43 0.00	25.30 0.28 -0.01	20.82 0.20 0.00	18.77 0.13 -0.21
HAMPSHIRE___PAPER_HYD 323593	18.90 -0.08 0.00	18.62 -0.06 0.00	18.74 -0.05 0.00	18.62 -0.10 0.00	18.66 -0.21 0.00	20.03 -0.25 -0.01	21.57 -0.39 0.00	26.41 -0.58 0.00	21.93 -0.53 0.00	21.36 -0.51 0.00	23.07 -0.64 0.00	24.20 -0.81 0.00	23.82 -0.60 0.00	24.40 -0.68 0.00	27.73 -0.95 0.00	23.89 -0.85 0.00	26.61 -0.79 0.00	34.39 -0.68 0.00	64.65 -1.23 0.00	32.10 -0.82 0.00	27.86 -0.98 0.00	24.12 -0.89 0.00	20.02 -0.60 0.00	17.95 -0.53 -0.05
HARDSCRABBLE_WT_PWR 323673	19.39 0.41 0.00	19.06 0.39 0.00	19.17 0.38 0.00	19.13 0.41 0.00	19.36 0.48 0.00	20.93 0.66 0.00	22.74 0.77 0.00	27.92 0.93 0.00	23.07 0.61 0.00	22.41 0.54 0.00	24.26 0.54 0.00	25.37 0.37 0.00	24.89 0.48 0.00	25.23 0.16 0.00	28.91 0.23 0.00	25.07 0.33 0.00	27.76 0.37 0.00	35.72 0.65 0.00	67.47 1.59 0.00	33.74 0.82 0.00	29.54 0.71 0.00	25.66 0.65 0.00	21.10 0.48 0.00	18.90 0.45 -0.02
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	19.98 1.00 0.00	19.60 0.93 0.00	19.70 0.91 0.00	19.67 0.95 0.00	19.88 1.01 0.00	21.59 1.23 -0.10	23.41 1.45 0.00	28.83 1.84 0.00	23.84 1.38 0.00	23.20 1.32 0.00	25.30 1.46 -0.13	26.80 1.60 -0.20	26.19 1.59 -0.19	26.81 1.54 -0.19	31.06 1.99 -0.40	26.61 1.70 -0.16	29.40 1.74 -0.26	37.24 2.18 0.00	70.33 4.45 0.00	35.20 2.29 0.00	30.90 2.06 0.00	26.77 1.74 -0.02	21.92 1.30 0.00	20.35 1.14 -0.78

HARSNRAD_115KV_TB1 81005	18.40 -0.59 0.00	17.95 -0.72 0.00	18.14 -0.66 0.00	17.95 -0.77 0.00	18.02 -0.86 0.00	19.44 -0.86 -0.03	20.77 -1.07 0.12	25.42 -1.57 0.00	21.62 -0.84 0.00	21.28 -0.59 0.00	23.18 -0.53 0.00	24.50 -0.50 0.00	23.63 -0.78 0.00	24.58 -0.49 0.00	27.65 -1.03 0.00	23.97 -0.78 0.00	26.69 -0.71 0.00	34.02 -1.05 0.00	63.61 -2.27 0.00	32.07 -0.85 0.00	28.04 -0.80 0.00	23.84 -1.04 0.14	19.85 -0.77 0.00	17.91 -0.76 -0.23
HARZA MOOSE__RIVER 24016	19.29 0.30 0.00	18.93 0.25 0.00	19.06 0.27 0.00	18.96 0.24 0.00	19.09 0.21 0.00	20.61 0.33 -0.01	22.37 0.41 0.00	27.45 0.46 0.00	22.74 0.28 0.00	22.19 0.31 0.00	23.95 0.23 0.00	25.10 0.10 0.00	24.67 0.26 0.00	25.19 0.11 0.00	28.69 0.01 0.00	24.67 -0.07 0.00	27.44 0.04 0.00	35.46 0.40 0.00	66.36 0.48 0.00	33.06 0.14 0.00	28.77 -0.07 0.00	24.86 -0.15 0.00	20.47 -0.14 0.00	18.32 -0.17 -0.06
HDSNBRDG_115KV_BRDG_TB1 355580	18.91 -0.07 0.00	18.54 -0.13 0.00	18.65 -0.14 0.00	18.58 -0.15 0.00	18.73 -0.14 0.00	20.16 -0.14 -0.02	21.82 -0.15 0.00	26.78 -0.21 0.00	22.32 -0.14 0.00	21.77 -0.10 0.00	23.62 -0.09 0.00	24.93 -0.07 0.00	24.29 -0.13 0.00	25.02 -0.05 0.00	28.57 -0.12 0.00	24.67 -0.08 0.00	27.32 -0.07 0.00	34.98 -0.09 0.00	65.64 -0.23 0.00	32.86 -0.06 0.00	28.80 -0.04 0.00	24.97 -0.04 -0.01	20.56 -0.06 0.00	18.52 -0.10 -0.19
HELLGATE_13_KV_LD 55870	19.99 1.01 0.00	19.64 0.96 0.00	19.70 0.91 0.00	19.69 0.97 0.00	19.92 1.04 0.00	21.69 1.32 -0.10	23.48 1.51 0.00	28.98 1.99 0.00	23.99 1.53 0.00	23.37 1.49 0.00	25.54 1.66 -0.16	27.06 1.81 -0.25	26.47 1.82 -0.23	27.10 1.78 -0.24	31.42 2.24 -0.50	26.85 1.91 -0.20	29.64 1.91 -0.33	37.35 2.28 0.00	70.48 4.61 0.00	35.31 2.39 0.00	31.08 2.24 0.00	26.96 1.92 -0.03	22.09 1.47 0.00	20.58 1.28 -0.87
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	19.99 1.01 0.00	19.64 0.96 0.00	19.70 0.91 0.00	19.69 0.97 0.00	19.92 1.04 0.00	21.69 1.32 -0.10	23.48 1.51 0.00	28.98 1.99 0.00	23.99 1.53 0.00	23.37 1.49 0.00	25.54 1.66 -0.16	27.06 1.81 -0.25	26.47 1.82 -0.23	27.10 1.78 -0.24	31.42 2.24 -0.50	26.85 1.91 -0.20	29.64 1.91 -0.33	37.35 2.28 0.00	70.48 4.61 0.00	35.31 2.39 0.00	31.08 2.24 0.00	26.96 1.92 -0.03	22.09 1.47 0.00	20.58 1.28 -0.87
HEMPSTEAD____ 23647	20.23 1.24 0.00	19.86 1.18 0.00	19.89 1.10 0.00	19.90 1.17 0.00	20.84 1.33 -0.63	36.34 1.55 -14.52	53.87 1.81 -30.10	29.06 2.06 0.00	24.00 1.55 0.00	23.30 1.43 0.00	25.54 1.66 -0.16	27.46 2.01 -0.45	27.90 2.10 -1.40	27.20 1.88 -0.24	31.48 2.30 -0.50	26.91 1.97 -0.20	29.71 1.99 -0.33	37.41 2.34 0.00	70.92 5.04 0.00	35.46 2.54 0.00	31.28 2.44 0.00	27.21 2.17 -0.03	27.31 1.69 -5.00	20.75 1.45 -0.87
HEWLETT__69_KV_BK3 55828	20.38 1.40 0.00	20.00 1.32 0.00	20.04 1.24 0.00	20.05 1.32 0.00	20.97 1.47 -0.63	36.50 1.71 -14.52	54.03 1.96 -30.10	29.25 2.25 0.00	24.13 1.67 0.00	23.47 1.60 0.00	25.72 1.85 -0.16	27.62 2.17 -0.45	28.07 2.26 -1.39	27.38 2.07 -0.24	31.68 2.51 -0.50	27.13 2.18 -0.20	29.93 2.21 -0.33	37.71 2.64 0.00	71.41 5.54 0.00	35.74 2.82 0.00	31.51 2.67 0.00	27.38 2.34 -0.03	38.39 1.79 -15.98	20.90 1.59 -0.87
HICKLING__1 23621	19.28 0.29 0.00	18.77 0.10 0.00	18.85 0.06 0.00	18.77 0.04 0.00	18.95 0.07 0.00	20.52 0.20 -0.04	22.44 0.38 -0.10	27.32 0.32 0.00	22.89 0.43 0.00	22.31 0.44 0.00	24.27 0.55 0.00	25.59 0.59 0.00	24.85 0.43 0.00	25.81 0.74 0.00	29.33 0.65 0.00	25.39 0.64 0.00	28.10 0.70 0.00	35.86 0.80 0.00	66.92 1.04 0.00	33.46 0.54 0.00	29.25 0.42 0.00	25.27 0.15 -0.11	20.67 0.06 0.00	18.72 -0.04 -0.33
HICKLING__2 23622	19.28 0.29 0.00	18.77 0.10 0.00	18.85 0.06 0.00	18.77 0.04 0.00	18.95 0.07 0.00	20.52 0.20 -0.04	22.44 0.38 -0.10	27.32 0.32 0.00	22.89 0.43 0.00	22.31 0.44 0.00	24.27 0.55 0.00	25.59 0.59 0.00	24.85 0.43 0.00	25.81 0.74 0.00	29.33 0.65 0.00	25.39 0.64 0.00	28.10 0.70 0.00	35.86 0.80 0.00	66.92 1.04 0.00	33.46 0.54 0.00	29.25 0.42 0.00	25.27 0.15 -0.11	20.67 0.06 0.00	18.72 -0.04 -0.33
HIGH FALLS__HY 23754	20.17 1.19 0.00	19.79 1.12 0.00	19.89 1.10 0.00	19.86 1.14 0.00	20.10 1.23 0.00	21.81 1.44 -0.10	23.66 1.69 0.00	29.06 2.07 0.00	23.99 1.53 0.00	23.38 1.51 0.00	25.30 1.52 -0.06	26.90 1.80 -0.10	26.13 1.62 -0.09	26.79 1.61 -0.10	30.83 1.95 -0.20	26.50 1.67 -0.08	29.32 1.79 -0.13	37.33 2.26 0.00	70.66 4.79 0.00	35.40 2.48 0.00	31.09 2.25 0.00	26.95 1.91 -0.03	22.12 1.51 0.00	20.60 1.32 -0.85
HILLBURN__GT 23639	19.87 0.88 0.00	19.50 0.83 0.00	19.60 0.81 0.00	19.57 0.84 0.00	19.77 0.90 0.00	21.48 1.11 -0.10	23.26 1.30 0.00	28.66 1.66 0.00	23.66 1.19 0.00	23.07 1.20 0.00	25.19 1.35 -0.13	26.67 1.46 -0.21	26.10 1.49 -0.19	26.68 1.41 -0.20	30.94 1.86 -0.41	26.48 1.57 -0.16	29.22 1.57 -0.26	36.95 1.89 0.00	69.80 3.92 0.00	34.94 2.02 0.00	30.67 1.84 0.00	26.62 1.59 -0.02	21.85 1.24 0.00	20.33 1.11 -0.79
HILLSIDE_115KV_TB1 80332	19.14 0.15 0.00	18.66 -0.02 0.00	18.72 -0.07 0.00	18.65 -0.07 0.00	18.85 -0.03 0.00	20.38 0.07 -0.04	22.22 0.18 -0.07	27.11 0.11 0.00	22.67 0.21 0.00	22.13 0.26 0.00	24.05 0.33 0.00	25.37 0.37 0.00	24.65 0.24 0.00	25.55 0.48 0.00	29.07 0.39 0.00	25.14 0.40 0.00	27.77 0.37 0.00	35.39 0.32 0.00	66.17 0.30 0.00	33.18 0.26 0.00	29.04 0.20 0.00	25.12 0.01 -0.10	20.58 -0.04 0.00	18.67 -0.09 -0.34
HISHELDN_WT_PWR 323625	18.48 -0.50 0.00	18.02 -0.66 0.00	18.18 -0.61 0.00	17.99 -0.73 0.00	18.10 -0.77 0.00	19.59 -0.71 -0.03	20.67 -0.81 0.49	25.72 -1.27 0.01	21.74 -0.72 0.00	21.40 -0.48 0.00	23.43 -0.28 0.00	24.74 -0.26 0.00	23.88 -0.53 0.00	24.86 -0.21 0.00	28.02 -0.66 0.00	24.31 -0.43 0.00	27.05 -0.34 0.00	34.51 -0.56 0.00	63.91 -1.97 0.00	31.95 -0.97 0.00	27.89 -0.95 0.00	23.31 -1.11 0.58	19.73 -0.89 0.00	17.83 -0.86 -0.26
HOLTSVILLE_IC_1 23690	20.39 1.41 0.00	20.00 1.33 0.00	20.04 1.25 0.00	20.05 1.32 0.00	20.99 1.48 -0.63	36.51 1.72 -14.52	53.99 1.93 -30.10	29.10 2.10 0.00	24.03 1.58 0.00	23.27 1.39 0.00	25.55 1.68 -0.16	27.52 2.07 -0.45	28.00 2.19 -1.40	27.19 1.87 -0.24	31.41 2.23 -0.50	26.74 1.80 -0.20	29.56 1.84 -0.33	37.30 2.24 0.00	71.29 5.41 0.00	35.59 2.67 0.00	31.36 2.52 0.00	27.32 2.28 -0.03	23.38 1.72 -1.03	20.83 1.53 -0.87
HOLTSVILLE_IC_10 23699	20.47 1.48 0.00	20.07 1.39 0.00	20.10 1.31 0.00	20.11 1.39 0.00	21.06 1.56 -0.63	36.59 1.80 -14.52	54.10 2.04 -30.10	29.25 2.25 0.00	24.18 1.72 0.00	23.37 1.50 0.00	25.66 1.78 -0.16	27.64 2.19 -0.45	28.12 2.31 -1.40	27.32 2.00 -0.24	31.57 2.39 -0.50	26.87 1.93 -0.20	29.71 1.99 -0.33	37.51 2.45 0.00	71.78 5.91 0.00	35.82 2.91 0.00	31.56 2.72 0.00	27.48 2.45 -0.03	23.57 1.83 -1.12	20.91 1.61 -0.87

HOLTSVILLE_IC_2 23691	20.39 1.41 0.00	20.00 1.33 0.00	20.04 1.25 0.00	20.05 1.32 0.00	20.99 1.48 -0.63	36.51 1.72 -14.52	53.99 1.93 -30.10	29.10 2.10 0.00	24.03 1.58 0.00	23.27 1.39 0.00	25.55 1.68 -0.16	27.52 2.07 -0.45	28.00 2.19 -1.40	27.19 1.87 -0.24	31.41 2.23 -0.50	26.74 1.80 -0.20	29.56 1.84 -0.33	37.30 2.24 0.00	71.29 5.41 0.00	35.59 2.67 0.00	31.36 2.52 0.00	27.32 2.28 -0.03	23.38 1.72 -1.03	20.83 1.53 -0.87
HOLTSVILLE_IC_3 23692	20.39 1.41 0.00	20.00 1.33 0.00	20.04 1.25 0.00	20.05 1.32 0.00	20.99 1.48 -0.63	36.51 1.72 -14.52	53.99 1.93 -30.10	29.10 2.10 0.00	24.03 1.58 0.00	23.27 1.39 0.00	25.55 1.68 -0.16	27.52 2.07 -0.45	28.00 2.19 -1.40	27.19 1.87 -0.24	31.41 2.23 -0.50	26.74 1.80 -0.20	29.56 1.84 -0.33	37.30 2.24 0.00	71.29 5.41 0.00	35.59 2.67 0.00	31.36 2.52 0.00	27.32 2.28 -0.03	23.38 1.72 -1.03	20.83 1.53 -0.87
HOLTSVILLE_IC_4 23693	20.39 1.41 0.00	20.00 1.33 0.00	20.04 1.25 0.00	20.05 1.32 0.00	20.99 1.48 -0.63	36.51 1.72 -14.52	53.99 1.93 -30.10	29.10 2.10 0.00	24.03 1.58 0.00	23.27 1.39 0.00	25.55 1.68 -0.16	27.52 2.07 -0.45	28.00 2.19 -1.40	27.19 1.87 -0.24	31.41 2.23 -0.50	26.74 1.80 -0.20	29.56 1.84 -0.33	37.30 2.24 0.00	71.29 5.41 0.00	35.59 2.67 0.00	31.36 2.52 0.00	27.32 2.28 -0.03	23.38 1.72 -1.03	20.83 1.53 -0.87
HOLTSVILLE_IC_5 23694	20.39 1.41 0.00	20.00 1.33 0.00	20.04 1.25 0.00	20.05 1.32 0.00	20.99 1.48 -0.63	36.51 1.72 -14.52	53.99 1.93 -30.10	29.10 2.10 0.00	24.03 1.58 0.00	23.27 1.39 0.00	25.55 1.68 -0.16	27.52 2.07 -0.45	28.00 2.19 -1.40	27.19 1.87 -0.24	31.41 2.23 -0.50	26.74 1.80 -0.20	29.56 1.84 -0.33	37.30 2.24 0.00	71.29 5.41 0.00	35.59 2.67 0.00	31.36 2.52 0.00	27.32 2.28 -0.03	23.38 1.72 -1.03	20.83 1.53 -0.87
HOLTSVILLE_IC_6 23695	20.47 1.48 0.00	20.07 1.39 0.00	20.10 1.31 0.00	20.11 1.39 0.00	21.06 1.56 -0.63	36.59 1.80 -14.52	54.10 2.04 -30.10	29.25 2.25 0.00	24.18 1.72 0.00	23.37 1.50 0.00	25.66 1.78 -0.16	27.64 2.19 -0.45	28.12 2.31 -1.40	27.32 2.00 -0.24	31.57 2.39 -0.50	26.87 1.93 -0.20	29.71 1.99 -0.33	37.51 2.45 0.00	71.78 5.91 0.00	35.82 2.91 0.00	31.56 2.72 0.00	27.48 2.45 -0.03	23.57 1.83 -1.12	20.91 1.61 -0.87
HOLTSVILLE_IC_7 23696	20.47 1.48 0.00	20.07 1.39 0.00	20.10 1.31 0.00	20.11 1.39 0.00	21.06 1.56 -0.63	36.59 1.80 -14.52	54.10 2.04 -30.10	29.25 2.25 0.00	24.18 1.72 0.00	23.37 1.50 0.00	25.66 1.78 -0.16	27.64 2.19 -0.45	28.12 2.31 -1.40	27.32 2.00 -0.24	31.57 2.39 -0.50	26.87 1.93 -0.20	29.71 1.99 -0.33	37.51 2.45 0.00	71.78 5.91 0.00	35.82 2.91 0.00	31.56 2.72 0.00	27.48 2.45 -0.03	23.57 1.83 -1.12	20.91 1.61 -0.87
HOLTSVILLE_IC_8 23697	20.47 1.48 0.00	20.07 1.39 0.00	20.10 1.31 0.00	20.11 1.39 0.00	21.06 1.56 -0.63	36.59 1.80 -14.52	54.10 2.04 -30.10	29.25 2.25 0.00	24.18 1.72 0.00	23.37 1.50 0.00	25.66 1.78 -0.16	27.64 2.19 -0.45	28.12 2.31 -1.40	27.32 2.00 -0.24	31.57 2.39 -0.50	26.87 1.93 -0.20	29.71 1.99 -0.33	37.51 2.45 0.00	71.78 5.91 0.00	35.82 2.91 0.00	31.56 2.72 0.00	27.48 2.45 -0.03	23.57 1.83 -1.12	20.91 1.61 -0.87
HOLTSVILLE_IC_9 23698	20.47 1.48 0.00	20.07 1.39 0.00	20.10 1.31 0.00	20.11 1.39 0.00	21.06 1.56 -0.63	36.59 1.80 -14.52	54.10 2.04 -30.10	29.25 2.25 0.00	24.18 1.72 0.00	23.37 1.50 0.00	25.66 1.78 -0.16	27.64 2.19 -0.45	28.12 2.31 -1.40	27.32 2.00 -0.24	31.57 2.39 -0.50	26.87 1.93 -0.20	29.71 1.99 -0.33	37.51 2.45 0.00	71.78 5.91 0.00	35.82 2.91 0.00	31.56 2.72 0.00	27.48 2.45 -0.03	23.57 1.83 -1.12	20.91 1.61 -0.87
HOMER_HL_115KV_TB2 355744	19.39 0.41 0.00	18.91 0.24 0.00	19.08 0.29 0.00	18.97 0.24 0.00	19.12 0.25 0.00	20.70 0.40 -0.03	22.38 0.47 0.05	27.42 0.43 0.00	23.04 0.58 0.00	22.67 0.79 0.00	24.68 0.97 0.00	26.09 1.09 0.00	25.27 0.85 0.00	26.22 1.14 0.00	29.74 1.06 0.00	25.65 0.90 0.00	28.36 0.96 0.00	36.16 1.10 0.00	67.33 1.46 0.00	33.82 0.90 0.00	29.56 0.73 0.00	25.31 0.35 0.05	20.93 0.31 0.00	18.93 0.23 -0.27
HOWARD_WT_PWR 323690	18.65 -0.33 0.00	18.02 -0.66 0.00	18.09 -0.70 0.00	18.09 -0.63 0.00	18.20 -0.68 0.00	19.81 -0.50 -0.04	22.20 -0.30 -0.54	26.22 -0.79 -0.01	22.15 -0.31 0.00	21.71 -0.17 0.00	23.78 0.07 0.00	25.06 0.05 0.00	24.20 -0.21 0.00	25.19 0.12 0.00	28.50 -0.18 0.00	24.90 0.15 0.00	27.63 0.24 0.00	35.38 0.31 0.00	65.05 -0.82 0.00	32.00 -0.92 0.00	27.85 -0.98 0.00	24.64 -1.03 -0.65	19.67 -0.95 0.00	17.76 -0.96 -0.29
HQ_GEN_CEDARS 23644	18.98 -0.01 0.00	18.74 0.07 0.00	18.87 0.08 0.00	18.77 0.05 0.00	18.85 -0.02 0.00	20.14 -0.13 0.00	21.68 -0.29 0.00	26.60 -0.40 0.00	22.15 -0.30 0.00	21.65 -0.22 0.00	23.46 -0.25 0.00	24.72 -0.28 0.00	24.17 -0.24 0.00	24.78 -0.30 0.00	28.24 -0.43 0.00	24.40 -0.34 0.00	27.10 -0.29 0.00	34.76 -0.31 0.00	65.24 -0.63 0.00	32.47 -0.45 0.00	28.34 -0.50 0.00	24.56 -0.45 0.00	20.37 -0.25 0.00	18.28 -0.15 0.00
HQ_GEN_CEDARS_PROXY 323590	18.98 -0.01 0.00	18.74 0.07 0.00	18.87 0.08 0.00	18.77 0.05 0.00	18.85 -0.02 0.00	20.14 -0.13 0.00	21.95 -0.29 -0.27	28.99 -0.39 -2.39	22.15 -0.30 0.00	21.65 -0.22 0.00	23.46 -0.25 0.00	24.72 -0.28 0.00	24.17 -0.24 0.00	24.78 -0.29 0.00	28.25 -0.43 0.00	24.40 -0.34 0.00	27.11 -0.29 0.00	34.76 -0.31 0.00	65.26 -0.62 0.00	32.47 -0.45 0.00	30.43 -0.50 -2.10	24.56 -0.45 0.00	20.37 -0.25 0.00	18.28 -0.15 0.00
HQ_GEN_IMPORT 323601	18.89 -0.09 0.00	18.62 -0.06 0.00	18.74 -0.05 0.00	18.65 -0.07 0.00	18.78 -0.09 0.00	20.11 -0.16 0.00	21.75 -0.21 0.00	26.74 -0.26 0.00	22.27 -0.19 0.00	21.73 -0.15 0.00	23.55 -0.16 0.00	24.82 -0.18 0.00	24.25 -0.16 0.00	24.91 -0.17 0.00	28.44 -0.24 0.00	24.55 -0.19 0.00	27.22 -0.18 0.00	34.86 -0.20 0.00	65.46 -0.42 0.00	32.64 -0.28 0.00	26.57 -0.29 1.98	24.74 -0.27 0.00	20.43 -0.19 0.00	18.29 -0.14 0.00
HQ_GEN_WHEEL 23651	18.89 -0.09 0.00	18.62 -0.06 0.00	18.74 -0.05 0.00	18.65 -0.07 0.00	18.78 -0.09 0.00	20.11 -0.16 0.00	21.75 -0.21 0.00	26.74 -0.26 0.00	22.27 -0.19 0.00	21.73 -0.15 0.00	23.55 -0.16 0.00	24.82 -0.18 0.00	24.25 -0.16 0.00	24.91 -0.17 0.00	28.44 -0.24 0.00	24.55 -0.19 0.00	27.22 -0.18 0.00	34.86 -0.20 0.00	65.46 -0.42 0.00	32.64 -0.28 0.00	26.57 -0.29 1.98	24.74 -0.27 0.00	20.43 -0.19 0.00	18.29 -0.14 0.00
HUDSON_AVE_GT_3 23810	20.10 1.12 0.00	19.73 1.06 0.00	19.80 1.01 0.00	19.78 1.06 0.00	20.01 1.14 0.00	21.77 1.39 -0.10	23.60 1.63 0.00	29.10 2.10 0.00	24.07 1.61 0.00	23.46 1.58 0.00	25.65 1.78 -0.16	27.19 1.94 -0.25	26.61 1.96 -0.23	27.24 1.92 -0.24	31.57 2.39 -0.50	26.99 2.05 -0.20	29.82 2.09 -0.33	37.58 2.52 0.00	70.92 5.05 0.00	35.52 2.60 0.00	31.21 2.37 0.00	27.09 2.05 -0.03	22.21 1.59 0.00	20.68 1.38 -0.87

HUDSON AVE_GT_4 23540	20.10 1.12 0.00	19.73 1.06 0.00	19.80 1.01 0.00	19.78 1.06 0.00	20.01 1.14 0.00	21.77 1.39 -0.10	23.60 1.63 0.00	29.10 2.10 0.00	24.07 1.61 0.00	23.46 1.58 0.00	25.65 1.78 -0.16	27.19 1.94 -0.25	26.61 1.96 -0.23	27.24 1.92 -0.24	31.57 2.39 -0.50	26.99 2.05 -0.20	29.82 2.09 -0.33	37.58 2.52 0.00	70.92 5.05 0.00	35.52 2.60 0.00	31.21 2.37 0.00	27.09 2.05 -0.03	22.21 1.59 0.00	20.68 1.38 -0.87
HUDSON AVE_GT_5 23657	20.10 1.12 0.00	19.73 1.06 0.00	19.80 1.01 0.00	19.78 1.06 0.00	20.01 1.14 0.00	21.77 1.39 -0.10	23.60 1.63 0.00	29.10 2.10 0.00	24.07 1.61 0.00	23.46 1.58 0.00	25.65 1.78 -0.16	27.19 1.94 -0.25	26.61 1.96 -0.23	27.24 1.92 -0.24	31.57 2.39 -0.50	26.99 2.05 -0.20	29.82 2.09 -0.33	37.58 2.52 0.00	70.92 5.05 0.00	35.52 2.60 0.00	31.21 2.37 0.00	27.09 2.05 -0.03	22.21 1.59 0.00	20.68 1.38 -0.87
HUDSON_AVE_10 24168	20.03 1.05 0.00	19.67 1.00 0.00	19.73 0.94 0.00	19.71 0.99 0.00	19.94 1.06 0.00	21.70 1.32 -0.10	23.52 1.55 0.00	29.00 2.00 0.00	23.99 1.53 0.00	23.37 1.49 0.00	25.56 1.68 -0.16	27.08 1.83 -0.25	26.51 1.86 -0.23	27.14 1.82 -0.24	31.46 2.28 -0.50	26.89 1.94 -0.20	29.70 1.98 -0.32	37.46 2.39 0.00	70.65 4.78 0.00	35.40 2.48 0.00	31.15 2.32 0.00	27.03 1.99 -0.03	22.16 1.54 0.00	20.64 1.34 -0.87
HUDSON___115KV_TB 4 355613	19.67 0.69 0.00	19.35 0.67 0.00	19.46 0.66 0.00	19.43 0.71 0.00	19.63 0.75 0.00	21.35 0.95 -0.12	23.06 1.09 0.00	28.44 1.45 0.00	23.62 1.16 0.00	22.75 0.87 0.00	24.61 1.01 0.11	25.79 0.96 0.17	25.10 0.85 0.16	25.74 0.83 0.17	29.48 1.14 0.34	25.63 1.03 0.14	28.27 1.10 0.22	36.55 1.49 0.00	69.06 3.19 0.00	34.52 1.60 0.00	30.25 1.41 0.00	26.19 1.15 -0.03	21.52 0.90 0.00	20.23 0.77 -1.03
HUNTER MOUNT___DRP 323613	19.76 0.78 0.00	19.43 0.76 0.00	19.54 0.75 0.00	19.52 0.80 0.00	19.71 0.83 0.00	21.44 1.04 -0.12	23.18 1.21 0.00	28.65 1.66 0.00	23.81 1.35 0.00	22.88 1.00 0.00	24.83 1.18 0.07	26.02 1.13 0.11	25.26 0.95 0.10	25.96 0.99 0.11	29.78 1.33 0.22	25.83 1.17 0.09	28.52 1.27 0.15	36.81 1.74 0.00	69.58 3.71 0.00	34.76 1.84 0.00	30.45 1.61 0.00	26.34 1.30 -0.03	21.65 1.03 0.00	20.30 0.87 -1.00
HUNTINGTON_RES_REC 323705	20.33 1.34 0.00	19.95 1.27 0.00	19.98 1.19 0.00	19.99 1.27 0.00	20.93 1.43 -0.63	36.45 1.66 -14.52	53.99 1.93 -30.10	29.10 2.10 0.00	24.05 1.59 0.00	23.27 1.40 0.00	25.54 1.67 -0.16	27.51 2.06 -0.45	27.98 2.17 -1.40	27.25 1.93 -0.24	31.50 2.32 -0.50	26.85 1.91 -0.20	29.71 1.99 -0.33	37.48 2.41 0.00	71.33 5.45 0.00	35.66 2.74 0.00	31.45 2.61 0.00	27.39 2.36 -0.03	23.50 1.78 -1.10	20.83 1.53 -0.87
HUNTLEY___63 23557	18.51 -0.48 0.00	18.08 -0.60 0.00	18.26 -0.53 0.00	18.07 -0.65 0.00	18.14 -0.74 0.00	19.59 -0.71 -0.03	20.91 -0.91 0.15	25.58 -1.42 0.00	21.67 -0.79 0.00	21.38 -0.49 0.00	23.36 -0.35 0.00	24.69 -0.31 0.00	23.76 -0.65 0.00	24.75 -0.32 0.00	27.86 -0.81 0.00	24.19 -0.55 0.00	26.90 -0.49 0.00	34.31 -0.76 0.00	64.00 -1.87 0.00	32.24 -0.68 0.00	28.11 -0.72 0.00	23.93 -0.90 0.17	19.96 -0.66 0.00	18.00 -0.67 -0.24
HUNTLEY___64 23558	18.51 -0.48 0.00	18.08 -0.60 0.00	18.26 -0.53 0.00	18.07 -0.65 0.00	18.14 -0.74 0.00	19.59 -0.71 -0.03	20.91 -0.91 0.15	25.58 -1.42 0.00	21.67 -0.79 0.00	21.38 -0.49 0.00	23.36 -0.35 0.00	24.69 -0.31 0.00	23.76 -0.65 0.00	24.75 -0.32 0.00	27.86 -0.81 0.00	24.19 -0.55 0.00	26.90 -0.49 0.00	34.31 -0.76 0.00	64.00 -1.87 0.00	32.24 -0.68 0.00	28.11 -0.72 0.00	23.93 -0.90 0.17	19.96 -0.66 0.00	18.00 -0.67 -0.24
HUNTLEY___65 23559	18.51 -0.48 0.00	18.08 -0.60 0.00	18.26 -0.53 0.00	18.07 -0.65 0.00	18.14 -0.74 0.00	19.59 -0.71 -0.03	20.91 -0.91 0.15	25.58 -1.42 0.00	21.67 -0.79 0.00	21.38 -0.49 0.00	23.36 -0.35 0.00	24.69 -0.31 0.00	23.76 -0.65 0.00	24.75 -0.32 0.00	27.86 -0.81 0.00	24.19 -0.55 0.00	26.90 -0.49 0.00	34.31 -0.76 0.00	64.00 -1.87 0.00	32.24 -0.68 0.00	28.11 -0.72 0.00	23.93 -0.90 0.17	19.96 -0.66 0.00	18.00 -0.67 -0.24
HUNTLEY___66 23560	18.51 -0.48 0.00	18.08 -0.60 0.00	18.26 -0.53 0.00	18.07 -0.65 0.00	18.14 -0.74 0.00	19.59 -0.71 -0.03	20.91 -0.91 0.15	25.58 -1.42 0.00	21.67 -0.79 0.00	21.38 -0.49 0.00	23.36 -0.35 0.00	24.69 -0.31 0.00	23.76 -0.65 0.00	24.75 -0.32 0.00	27.86 -0.81 0.00	24.19 -0.55 0.00	26.90 -0.49 0.00	34.31 -0.76 0.00	64.00 -1.87 0.00	32.24 -0.68 0.00	28.11 -0.72 0.00	23.93 -0.90 0.17	19.96 -0.66 0.00	18.00 -0.67 -0.24
HUNTLEY___67 23561	18.40 -0.59 0.00	17.96 -0.71 0.00	18.13 -0.66 0.00	17.95 -0.77 0.00	18.03 -0.85 0.00	19.46 -0.84 -0.03	20.73 -1.05 0.18	25.42 -1.57 0.00	21.55 -0.91 0.00	21.26 -0.62 0.00	23.24 -0.48 0.00	24.57 -0.44 0.00	23.65 -0.76 0.00	24.63 -0.45 0.00	27.74 -0.94 0.00	24.05 -0.69 0.00	26.77 -0.63 0.00	34.11 -0.96 0.00	63.58 -2.30 0.00	31.99 -0.93 0.00	27.96 -0.88 0.00	23.72 -1.07 0.21	19.82 -0.80 0.00	17.89 -0.79 -0.24
HUNTLEY___68 23562	18.40 -0.59 0.00	17.96 -0.71 0.00	18.13 -0.66 0.00	17.95 -0.77 0.00	18.03 -0.85 0.00	19.46 -0.84 -0.03	20.73 -1.05 0.18	25.42 -1.57 0.00	21.55 -0.91 0.00	21.26 -0.62 0.00	23.24 -0.48 0.00	24.57 -0.44 0.00	23.65 -0.76 0.00	24.63 -0.45 0.00	27.74 -0.94 0.00	24.05 -0.69 0.00	26.77 -0.63 0.00	34.11 -0.96 0.00	63.58 -2.30 0.00	31.99 -0.93 0.00	27.96 -0.88 0.00	23.72 -1.07 0.21	19.82 -0.80 0.00	17.89 -0.79 -0.24
HYLAND___LFGE 323620	19.24 0.26 0.00	18.81 0.13 0.00	19.17 0.38 0.00	19.01 0.29 0.00	19.13 0.25 0.00	20.77 0.46 -0.03	23.25 0.68 -0.60	27.81 0.80 -0.02	23.40 0.94 0.00	22.17 0.30 0.00	23.93 0.21 0.00	25.21 0.21 0.00	24.40 -0.02 0.00	25.41 0.34 0.00	28.75 0.07 0.00	24.90 0.15 0.00	27.72 0.32 0.00	35.93 0.87 0.00	68.52 2.64 0.00	34.34 1.42 0.00	29.96 1.12 0.00	26.42 0.68 -0.73	21.09 0.47 0.00	18.96 0.27 -0.26
INDECK___CORINTH 23802	19.77 0.79 0.00	19.45 0.77 0.00	19.64 0.85 0.00	19.64 0.92 0.00	20.04 1.17 0.00	21.78 1.38 -0.13	23.57 1.61 0.00	29.09 2.09 0.00	24.20 1.74 0.00	23.41 1.54 0.00	25.19 1.63 0.15	26.51 1.73 0.23	25.86 1.66 0.21	26.54 1.69 0.22	30.28 2.06 0.45	26.33 1.77 0.18	28.81 1.71 0.30	37.23 2.16 0.00	70.35 4.47 0.00	35.15 2.23 0.00	30.71 1.87 0.00	26.60 1.56 -0.03	21.85 1.24 0.00	20.52 1.01 -1.08
INDECK___ILION 23567	19.23 0.25 0.00	18.91 0.23 0.00	19.02 0.23 0.00	18.97 0.25 0.00	19.17 0.29 0.00	20.67 0.39 0.00	22.45 0.48 0.00	27.60 0.60 0.00	22.89 0.43 0.00	22.25 0.37 0.00	24.06 0.34 0.00	25.27 0.26 0.00	24.71 0.30 0.00	25.19 0.12 0.00	28.84 0.16 0.00	24.96 0.22 0.00	27.63 0.24 0.00	35.48 0.42 0.00	66.87 0.99 0.00	33.45 0.53 0.00	29.30 0.46 0.00	25.44 0.43 0.00	20.93 0.31 0.00	18.74 0.28 -0.02

INDECK___OLEAN 23982	19.39 0.41 0.00	18.92 0.24 0.00	19.08 0.29 0.00	18.96 0.24 0.00	19.12 0.25 0.00	20.72 0.42 -0.03	22.39 0.48 0.05	27.43 0.43 0.00	23.03 0.57 0.00	22.65 0.77 0.00	24.67 0.96 0.00	26.05 1.05 0.00	25.24 0.83 0.00	26.21 1.14 0.00	29.73 1.05 0.00	25.65 0.90 0.00	28.35 0.95 0.00	36.16 1.10 0.00	67.32 1.44 0.00	33.81 0.89 0.00	29.57 0.73 0.00	25.27 0.31 0.05	20.91 0.29 0.00	18.92 0.23 -0.27
INDECK___OSWEGO 23783	18.60 -0.38 0.00	18.25 -0.42 0.00	18.37 -0.42 0.00	18.29 -0.43 0.00	18.44 -0.43 0.00	19.83 -0.46 -0.02	21.45 -0.51 0.00	26.33 -0.67 0.00	21.92 -0.54 0.00	21.35 -0.53 0.00	23.12 -0.59 0.00	24.36 -0.64 0.00	23.78 -0.63 0.00	24.45 -0.62 0.00	27.94 -0.74 0.00	24.10 -0.64 0.00	26.69 -0.71 0.00	34.23 -0.84 0.00	64.27 -1.61 0.00	32.16 -0.76 0.00	28.17 -0.66 0.00	24.50 -0.52 0.00	20.18 -0.44 0.00	18.15 -0.43 -0.15
INDECK___YERKES 23781	18.53 -0.45 0.00	18.10 -0.57 0.00	18.28 -0.51 0.00	18.09 -0.64 0.00	18.16 -0.71 0.00	19.62 -0.68 -0.03	20.94 -0.87 0.15	25.62 -1.38 0.00	21.68 -0.78 0.00	21.39 -0.49 0.00	23.38 -0.33 0.00	24.67 -0.33 0.00	23.76 -0.65 0.00	24.78 -0.30 0.00	27.89 -0.79 0.00	24.22 -0.53 0.00	26.92 -0.47 0.00	34.35 -0.72 0.00	64.04 -1.84 0.00	32.27 -0.65 0.00	28.15 -0.69 0.00	23.93 -0.91 0.17	19.97 -0.65 0.00	18.02 -0.65 -0.24
INDIAN POINT_GT_1 24139	19.90 0.92 0.00	19.54 0.87 0.00	19.63 0.83 0.00	19.61 0.88 0.00	19.83 0.95 0.00	21.54 1.17 -0.10	23.34 1.37 0.00	28.73 1.74 0.00	23.77 1.32 0.00	23.12 1.25 0.00	25.26 1.40 -0.16	26.78 1.53 -0.24	26.21 1.57 -0.23	26.83 1.52 -0.23	31.12 1.96 -0.48	26.60 1.66 -0.19	29.39 1.68 -0.32	37.10 2.04 0.00	70.05 4.17 0.00	35.08 2.16 0.00	30.80 1.96 0.00	26.71 1.68 -0.03	21.92 1.31 0.00	20.42 1.14 -0.86
INDIAN POINT_GT_2 23659	19.90 0.92 0.00	19.54 0.87 0.00	19.63 0.83 0.00	19.61 0.88 0.00	19.83 0.95 0.00	21.54 1.17 -0.10	23.34 1.37 0.00	28.73 1.74 0.00	23.77 1.32 0.00	23.12 1.25 0.00	25.26 1.40 -0.16	26.78 1.53 -0.24	26.21 1.57 -0.23	26.83 1.52 -0.23	31.12 1.96 -0.48	26.60 1.66 -0.19	29.39 1.68 -0.32	37.10 2.04 0.00	70.05 4.17 0.00	35.08 2.16 0.00	30.80 1.96 0.00	26.71 1.68 -0.03	21.92 1.31 0.00	20.42 1.14 -0.86
INDIAN POINT_GT_3 24019	19.90 0.92 0.00	19.54 0.87 0.00	19.63 0.83 0.00	19.61 0.88 0.00	19.83 0.95 0.00	21.54 1.17 -0.10	23.34 1.37 0.00	28.73 1.74 0.00	23.77 1.32 0.00	23.12 1.25 0.00	25.26 1.40 -0.16	26.78 1.53 -0.24	26.21 1.57 -0.23	26.83 1.52 -0.23	31.12 1.96 -0.48	26.60 1.66 -0.19	29.39 1.68 -0.32	37.10 2.04 0.00	70.05 4.17 0.00	35.08 2.16 0.00	30.80 1.96 0.00	26.71 1.68 -0.03	21.92 1.31 0.00	20.42 1.14 -0.86
INDIAN POINT___2 23530	19.88 0.89 0.00	19.51 0.84 0.00	19.60 0.81 0.00	19.58 0.85 0.00	19.79 0.92 0.00	21.50 1.13 -0.10	23.30 1.34 0.00	28.69 1.69 0.00	23.74 1.28 0.00	23.09 1.21 0.00	25.22 1.36 -0.14	26.73 1.50 -0.23	26.15 1.53 -0.21	26.79 1.50 -0.22	31.05 1.93 -0.45	26.56 1.64 -0.18	29.33 1.65 -0.29	37.06 1.99 0.00	69.98 4.11 0.00	35.04 2.12 0.00	30.76 1.93 0.00	26.69 1.65 -0.03	21.90 1.28 0.00	20.36 1.11 -0.83
INDIAN POINT___3 23531	19.93 0.95 0.00	19.58 0.90 0.00	19.65 0.86 0.00	19.64 0.91 0.00	19.86 0.99 0.00	21.58 1.20 -0.11	23.37 1.41 0.00	28.76 1.76 0.00	23.80 1.34 0.00	23.15 1.28 0.00	25.32 1.44 -0.16	26.84 1.58 -0.26	26.26 1.61 -0.24	26.89 1.57 -0.25	31.17 1.98 -0.51	26.63 1.68 -0.21	29.43 1.70 -0.33	37.12 2.06 0.00	70.10 4.23 0.00	35.09 2.17 0.00	30.82 1.98 0.00	26.73 1.69 -0.03	21.94 1.33 0.00	20.47 1.16 -0.88
INGHAM_C_115KV_TB7 356103	19.44 0.46 0.00	19.10 0.43 0.00	19.21 0.42 0.00	19.19 0.47 0.00	19.43 0.55 0.00	21.04 0.76 0.00	22.90 0.94 0.00	28.14 1.15 0.00	23.27 0.81 0.00	22.54 0.66 0.00	24.33 0.61 0.00	25.42 0.42 0.00	24.93 0.52 0.00	25.23 0.16 0.00	28.91 0.23 0.00	25.13 0.38 0.00	27.81 0.41 0.00	35.83 0.77 0.00	67.85 1.97 0.00	33.98 1.06 0.00	29.75 0.91 0.00	25.86 0.85 0.00	21.24 0.62 0.00	19.02 0.57 -0.02
IP CORINTH___1 23988	19.77 0.79 0.00	19.45 0.77 0.00	19.64 0.85 0.00	19.64 0.92 0.00	20.04 1.17 0.00	21.78 1.38 -0.13	23.57 1.61 0.00	29.09 2.10 0.00	24.20 1.74 0.00	23.40 1.53 0.00	25.19 1.63 0.15	26.49 1.72 0.23	25.86 1.66 0.21	26.54 1.69 0.22	30.28 2.06 0.45	26.33 1.77 0.18	28.81 1.71 0.30	37.23 2.16 0.00	70.36 4.48 0.00	35.15 2.23 0.00	30.71 1.87 0.00	26.59 1.55 -0.03	21.84 1.23 0.00	20.52 1.01 -1.08
IP___TICONDEROGA 23804	20.35 1.37 0.00	20.08 1.40 0.00	20.12 1.32 0.00	20.11 1.39 0.00	20.52 1.64 0.00	22.35 1.95 -0.13	24.28 2.31 0.00	29.88 2.89 0.00	24.98 2.51 0.00	24.03 2.15 0.00	25.95 2.39 0.15	27.37 2.60 0.23	26.71 2.51 0.21	27.47 2.62 0.22	31.39 3.18 0.46	27.25 2.69 0.18	29.89 2.79 0.30	38.90 3.83 0.00	73.96 8.09 0.00	36.93 4.01 0.00	32.10 3.26 0.00	27.79 2.75 -0.03	22.88 2.26 0.00	21.42 1.90 -1.08
ISLIP_RES_REC 323679	20.53 1.55 0.00	20.13 1.45 0.00	20.17 1.38 0.00	20.17 1.45 0.00	21.12 1.62 -0.63	36.66 1.87 -14.52	54.20 2.14 -30.10	29.38 2.39 0.00	24.31 1.85 0.00	23.48 1.61 0.00	25.76 1.88 -0.16	27.74 2.29 -0.45	28.23 2.42 -1.40	27.42 2.10 -0.24	31.70 2.52 -0.50	26.99 2.04 -0.20	29.86 2.13 -0.33	37.72 2.65 0.00	72.17 6.29 0.00	36.02 3.10 0.00	31.71 2.87 0.00	27.61 2.57 -0.03	23.72 1.92 -1.18	20.98 1.68 -0.87
JAMAICA___27_KV_LOAD 355505	20.09 1.11 0.00	19.74 1.07 0.00	19.79 1.00 0.00	19.78 1.06 0.00	20.00 1.12 0.00	21.78 1.40 -0.10	23.59 1.63 0.00	29.11 2.12 0.00	24.06 1.60 0.00	23.43 1.55 0.00	25.62 1.75 -0.16	27.12 1.87 -0.25	26.60 1.95 -0.23	27.25 1.93 -0.24	31.56 2.39 -0.50	26.96 2.02 -0.20	29.76 2.04 -0.32	37.61 2.54 0.00	70.93 5.05 0.00	35.60 2.68 0.00	31.43 2.59 0.00	27.27 2.24 -0.03	22.34 1.72 0.00	20.82 1.52 -0.87
JANIS___SOLAR 323808	20.00 1.01 0.00	19.53 0.86 0.00	19.61 0.82 0.00	19.49 0.76 0.00	19.66 0.78 0.00	21.26 0.94 -0.04	23.17 1.17 -0.04	28.41 1.42 0.00	23.56 1.10 0.00	22.80 0.92 0.00	24.54 0.83 0.00	25.84 0.84 0.00	25.12 0.71 0.00	26.09 1.02 0.00	29.69 1.01 0.00	25.72 0.97 0.00	28.60 1.21 0.00	36.80 1.73 0.00	69.17 3.30 0.00	34.49 1.57 0.00	30.19 1.35 0.00	26.10 1.03 -0.06	21.36 0.74 0.00	19.37 0.59 -0.35
JARVIS____ 23743	19.04 0.06 0.00	18.73 0.05 0.00	18.84 0.05 0.00	18.77 0.05 0.00	18.94 0.06 0.00	20.37 0.10 0.00	22.10 0.13 0.00	27.17 0.17 0.00	22.60 0.13 0.00	21.98 0.10 0.00	23.81 0.10 0.00	25.09 0.09 0.00	24.51 0.09 0.00	25.15 0.07 0.00	28.78 0.10 0.00	24.82 0.08 0.00	27.48 0.09 0.00	35.18 0.11 0.00	66.07 0.19 0.00	33.02 0.10 0.00	28.93 0.09 0.00	25.11 0.10 0.00	20.68 0.06 0.00	18.50 0.05 -0.02

JENNISON___1 23625	20.06 1.07 0.00	19.58 0.90 0.00	19.66 0.87 0.00	19.51 0.79 0.00	19.70 0.82 0.00	21.30 0.97 -0.05	23.13 1.14 -0.02	28.33 1.34 0.00	23.51 1.05 0.00	22.81 0.93 0.00	24.76 1.05 0.00	26.26 1.26 0.00	25.60 1.19 0.00	26.40 1.32 0.00	30.22 1.54 0.00	26.08 1.33 0.00	28.90 1.51 0.00	36.94 1.87 0.00	69.16 3.28 0.00	34.25 1.33 0.00	30.00 1.16 0.00	25.98 0.93 -0.04	21.24 0.62 0.00	19.36 0.50 -0.43
JENNISON___2 23626	20.06 1.07 0.00	19.58 0.90 0.00	19.66 0.87 0.00	19.51 0.79 0.00	19.70 0.82 0.00	21.30 0.97 -0.05	23.13 1.14 -0.02	28.33 1.34 0.00	23.51 1.05 0.00	22.81 0.93 0.00	24.76 1.05 0.00	26.26 1.26 0.00	25.60 1.19 0.00	26.40 1.32 0.00	30.22 1.54 0.00	26.08 1.33 0.00	28.90 1.51 0.00	36.94 1.87 0.00	69.16 3.28 0.00	34.25 1.33 0.00	30.00 1.16 0.00	25.98 0.93 -0.04	21.24 0.62 0.00	19.36 0.50 -0.43
JERICHO_RISE_WT_PWR 323719	19.25 0.27 0.00	19.22 0.55 0.00	19.29 0.50 0.00	19.11 0.39 0.00	19.12 0.24 0.00	20.36 0.09 0.00	21.86 -0.10 0.00	26.72 -0.28 0.00	22.59 0.13 0.00	21.91 0.04 0.00	23.70 -0.01 0.00	25.13 0.13 0.00	24.64 0.23 0.00	25.34 0.27 0.00	28.90 0.22 0.00	24.93 0.18 0.00	27.70 0.31 0.00	35.51 0.44 0.00	66.76 0.88 0.00	32.89 -0.03 0.00	28.67 -0.17 0.00	24.80 -0.21 0.00	20.64 0.02 0.00	18.72 0.29 0.00
KATONAH___115KV_46KV_TB4 355592	20.01 1.02 0.00	19.65 0.98 0.00	19.73 0.94 0.00	19.71 0.99 0.00	19.94 1.07 0.00	21.67 1.30 -0.11	23.49 1.53 0.00	28.92 1.92 0.00	23.94 1.49 0.00	23.29 1.41 0.00	25.43 1.56 -0.16	26.94 1.69 -0.25	26.35 1.71 -0.23	26.98 1.67 -0.24	31.26 2.09 -0.49	26.73 1.79 -0.20	29.54 1.83 -0.32	37.31 2.25 0.00	70.50 4.63 0.00	35.30 2.38 0.00	30.99 2.15 0.00	26.86 1.82 -0.03	22.05 1.43 0.00	20.55 1.24 -0.88
KCE_NY_1 323755	19.87 0.88 0.00	19.51 0.83 0.00	19.61 0.82 0.00	19.60 0.88 0.00	19.91 1.04 0.00	21.61 1.21 -0.13	23.39 1.42 0.00	28.79 1.80 0.00	23.90 1.45 0.00	23.15 1.28 0.00	24.91 1.35 0.15	26.18 1.41 0.24	25.56 1.36 0.22	26.24 1.40 0.23	29.93 1.72 0.47	26.00 1.45 0.19	28.61 1.52 0.31	37.04 1.98 0.00	69.88 4.01 0.00	34.92 2.00 0.00	30.60 1.76 0.00	26.50 1.46 -0.03	21.79 1.17 0.00	20.50 0.99 -1.08
KCE_NY_6_ESR 323823	18.69 -0.29 0.00	18.24 -0.44 0.00	18.40 -0.39 0.00	18.22 -0.50 0.00	18.31 -0.56 0.00	19.80 -0.50 -0.03	21.14 -0.63 0.19	25.96 -1.03 0.00	21.96 -0.50 0.00	21.64 -0.23 0.00	23.67 -0.05 0.00	24.97 -0.03 0.00	24.08 -0.34 0.00	25.07 -0.01 0.00	28.26 -0.42 0.00	24.47 -0.27 0.00	27.24 -0.15 0.00	34.72 -0.35 0.00	64.63 -1.24 0.00	32.49 -0.43 0.00	28.39 -0.45 0.00	24.05 -0.74 0.22	20.08 -0.54 0.00	18.13 -0.55 -0.25
KEDC_PORT_JEFF_GT2 24210	20.41 1.42 0.00	20.02 1.34 0.00	20.05 1.26 0.00	20.05 1.33 0.00	21.00 1.50 -0.63	36.53 1.74 -14.52	53.99 1.93 -30.10	29.09 2.09 0.00	24.03 1.57 0.00	23.25 1.38 0.00	25.56 1.69 -0.16	27.56 2.11 -0.45	28.05 2.24 -1.40	27.25 1.93 -0.24	31.48 2.31 -0.50	26.80 1.85 -0.20	29.61 1.89 -0.33	37.33 2.27 0.00	71.36 5.49 0.00	35.64 2.72 0.00	31.44 2.60 0.00	27.40 2.36 -0.03	23.48 1.78 -1.08	20.87 1.57 -0.87
KEDC_PORT_JEFF_GT3 24211	20.41 1.42 0.00	20.02 1.34 0.00	20.05 1.26 0.00	20.05 1.33 0.00	21.00 1.50 -0.63	36.53 1.74 -14.52	53.99 1.93 -30.10	29.09 2.09 0.00	24.03 1.57 0.00	23.25 1.38 0.00	25.56 1.69 -0.16	27.56 2.11 -0.45	28.05 2.24 -1.40	27.25 1.93 -0.24	31.48 2.31 -0.50	26.80 1.85 -0.20	29.61 1.89 -0.33	37.33 2.27 0.00	71.36 5.49 0.00	35.64 2.72 0.00	31.44 2.60 0.00	27.40 2.36 -0.03	23.48 1.78 -1.08	20.87 1.57 -0.87
KEDC_GLWD_GT4 24219	20.32 1.33 0.00	19.95 1.27 0.00	19.98 1.19 0.00	19.99 1.27 0.00	20.93 1.42 -0.63	36.43 1.64 -14.52	53.99 1.93 -30.10	29.21 2.21 0.00	24.13 1.67 0.00	23.45 1.57 0.00	25.69 1.81 -0.16	27.61 2.16 -0.45	28.04 2.24 -1.40	27.35 2.03 -0.24	31.67 2.49 -0.50	27.07 2.13 -0.20	29.90 2.17 -0.33	37.65 2.59 0.00	71.34 5.46 0.00	35.69 2.77 0.00	31.45 2.61 0.00	27.33 2.29 -0.03	26.73 1.78 -4.32	20.84 1.54 -0.87
KEDC_GLWD_GT5 24220	20.32 1.33 0.00	19.95 1.27 0.00	19.98 1.19 0.00	19.99 1.27 0.00	20.93 1.42 -0.63	36.43 1.64 -14.52	53.99 1.93 -30.10	29.21 2.21 0.00	24.13 1.67 0.00	23.45 1.57 0.00	25.69 1.81 -0.16	27.61 2.16 -0.45	28.04 2.24 -1.40	27.35 2.03 -0.24	31.67 2.49 -0.50	27.07 2.13 -0.20	29.90 2.17 -0.33	37.65 2.59 0.00	71.34 5.46 0.00	35.69 2.77 0.00	31.45 2.61 0.00	27.33 2.29 -0.03	26.73 1.78 -4.32	20.84 1.54 -0.87
KENSICO____ 23655	19.96 0.98 0.00	19.60 0.93 0.00	19.68 0.89 0.00	19.66 0.94 0.00	19.89 1.02 0.00	21.61 1.24 -0.10	23.41 1.45 0.00	28.82 1.82 0.00	23.85 1.39 0.00	23.20 1.33 0.00	25.37 1.49 -0.16	26.89 1.64 -0.25	26.32 1.67 -0.23	26.94 1.62 -0.24	31.23 2.05 -0.50	26.69 1.75 -0.20	29.50 1.77 -0.33	37.21 2.14 0.00	70.24 4.37 0.00	35.17 2.25 0.00	30.88 2.05 0.00	26.79 1.75 -0.03	21.99 1.37 0.00	20.49 1.19 -0.87
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	20.19 1.21 0.00	19.82 1.14 0.00	19.91 1.12 0.00	19.88 1.16 0.00	20.13 1.25 0.00	21.84 1.47 -0.10	23.70 1.73 0.00	29.14 2.14 0.00	24.07 1.61 0.00	23.41 1.53 0.00	25.35 1.57 -0.08	26.94 1.82 -0.12	26.18 1.66 -0.11	26.86 1.68 -0.11	30.91 2.00 -0.23	26.56 1.72 -0.09	29.41 1.86 -0.15	37.41 2.35 0.00	70.86 4.99 0.00	35.50 2.58 0.00	31.17 2.33 0.00	27.00 1.97 -0.02	22.16 1.54 0.00	20.57 1.35 -0.80
KIAC_JFK_GT1 23816	20.04 1.05 0.00	19.69 1.01 0.00	19.74 0.95 0.00	19.73 1.01 0.00	19.94 1.07 0.00	21.72 1.34 -0.10	23.54 1.57 0.00	29.03 2.04 0.00	24.00 1.54 0.00	23.36 1.48 0.00	25.55 1.68 -0.16	27.04 1.80 -0.25	26.53 1.88 -0.23	27.19 1.87 -0.24	31.50 2.32 -0.50	26.91 1.97 -0.20	29.70 1.99 -0.32	37.52 2.45 0.00	70.76 4.88 0.00	35.51 2.58 0.00	31.35 2.51 0.00	27.20 2.16 -0.03	22.28 1.66 0.00	20.76 1.45 -0.87
KIAC_JFK_GT2 23817	20.04 1.05 0.00	19.69 1.01 0.00	19.74 0.95 0.00	19.73 1.01 0.00	19.94 1.07 0.00	21.72 1.34 -0.10	23.54 1.57 0.00	29.03 2.04 0.00	24.00 1.54 0.00	23.36 1.48 0.00	25.55 1.68 -0.16	27.04 1.80 -0.25	26.53 1.88 -0.23	27.19 1.87 -0.24	31.50 2.32 -0.50	26.91 1.97 -0.20	29.70 1.99 -0.32	37.52 2.45 0.00	70.76 4.88 0.00	35.51 2.58 0.00	31.35 2.51 0.00	27.20 2.16 -0.03	22.28 1.66 0.00	20.76 1.45 -0.87
KIAC_JFK____ 323774	20.04 1.05 0.00	19.69 1.01 0.00	19.74 0.95 0.00	19.73 1.01 0.00	19.94 1.07 0.00	21.72 1.34 -0.10	23.53 1.57 0.00	29.02 2.03 0.00	24.01 1.55 0.00	23.37 1.49 0.00	25.55 1.68 -0.16	27.07 1.82 -0.25	26.52 1.88 -0.23	27.19 1.87 -0.24	31.50 2.32 -0.50	26.91 1.97 -0.20	29.71 2.00 -0.32	37.52 2.45 0.00	70.75 4.88 0.00	35.50 2.58 0.00	31.35 2.51 0.00	27.21 2.17 -0.03	22.29 1.67 0.00	20.76 1.46 -0.87

KINTIGH____ 23543	18.35 -0.63 0.00	17.94 -0.73 0.00	18.11 -0.69 0.00	17.95 -0.77 0.00	18.03 -0.84 0.00	19.46 -0.84 -0.03	20.85 -1.03 0.09	25.49 -1.50 0.00	21.53 -0.93 0.00	21.20 -0.68 0.00	23.13 -0.59 0.00	24.44 -0.56 0.00	23.57 -0.84 0.00	24.51 -0.57 0.00	27.68 -1.00 0.00	23.97 -0.77 0.00	26.65 -0.75 0.00	34.02 -1.05 0.00	63.55 -2.32 0.00	31.97 -0.95 0.00	27.96 -0.88 0.00	23.88 -1.02 0.11	19.84 -0.78 0.00	17.90 -0.76 -0.23
KNTFSRNC_46_KV_46KV_LOAD 80397	19.48 0.50 0.00	19.55 0.87 0.00	19.60 0.81 0.00	19.43 0.70 0.00	19.41 0.54 0.00	20.64 0.37 0.00	22.12 0.15 0.00	26.92 -0.08 0.00	22.89 0.43 0.00	22.16 0.29 0.00	24.01 0.30 0.00	25.42 0.42 0.00	24.92 0.51 0.00	25.63 0.56 0.00	29.23 0.55 0.00	25.18 0.43 0.00	27.99 0.60 0.00	35.95 0.88 0.00	68.00 2.13 0.00	33.51 0.59 0.00	29.17 0.33 0.00	25.22 0.21 0.00	20.96 0.34 0.00	19.02 0.59 0.00
LACHUTE__HYDRO 323717	20.35 1.37 0.00	20.08 1.40 0.00	20.12 1.32 0.00	20.11 1.39 0.00	20.52 1.64 0.00	22.35 1.94 -0.13	24.28 2.31 0.00	29.87 2.88 0.00	24.97 2.51 0.00	24.03 2.16 0.00	25.95 2.39 0.15	27.38 2.62 0.23	26.71 2.51 0.21	27.47 2.62 0.22	31.39 3.18 0.46	27.25 2.69 0.18	29.89 2.79 0.30	38.90 3.83 0.00	73.96 8.09 0.00	36.93 4.01 0.00	32.10 3.26 0.00	27.79 2.75 -0.03	22.89 2.27 0.00	21.42 1.91 -1.08
LAWRNCV_115KV_TB1 80681	18.96 -0.02 0.00	18.74 0.06 0.00	18.86 0.07 0.00	18.75 0.03 0.00	18.81 -0.06 0.00	20.05 -0.23 0.00	21.46 -0.50 0.00	26.28 -0.72 0.00	21.86 -0.60 0.00	21.37 -0.51 0.00	23.12 -0.59 0.00	24.34 -0.66 0.00	23.83 -0.58 0.00	24.38 -0.69 0.00	27.78 -0.90 0.00	24.00 -0.75 0.00	26.68 -0.72 0.00	34.33 -0.74 0.00	64.52 -1.36 0.00	32.03 -0.89 0.00	27.91 -0.93 0.00	24.24 -0.77 0.00	20.22 -0.40 0.00	18.22 -0.24 -0.03
LEDERLE____ 23769	19.92 0.94 0.00	19.54 0.87 0.00	19.64 0.85 0.00	19.62 0.89 0.00	19.82 0.94 0.00	21.54 1.17 -0.10	23.35 1.38 0.00	28.78 1.78 0.00	23.80 1.34 0.00	23.15 1.28 0.00	25.27 1.42 -0.13	26.76 1.56 -0.21	26.19 1.58 -0.19	26.84 1.57 -0.20	31.12 2.03 -0.41	26.64 1.73 -0.16	29.41 1.75 -0.27	37.20 2.14 0.00	70.23 4.35 0.00	35.16 2.24 0.00	30.87 2.03 0.00	26.77 1.74 -0.02	21.96 1.34 0.00	20.39 1.16 -0.80
LIGHTHSE_115KV_TB6 355974	18.81 -0.18 0.00	18.44 -0.23 0.00	18.57 -0.22 0.00	18.48 -0.24 0.00	18.63 -0.25 0.00	20.09 -0.20 -0.02	21.77 -0.20 0.00	26.70 -0.30 0.00	22.17 -0.29 0.00	21.58 -0.29 0.00	23.34 -0.38 0.00	24.51 -0.48 0.00	24.01 -0.40 0.00	24.71 -0.37 0.00	28.18 -0.50 0.00	24.23 -0.51 0.00	26.89 -0.50 0.00	34.61 -0.46 0.00	64.98 -0.90 0.00	32.46 -0.46 0.00	28.33 -0.51 0.00	24.56 -0.45 0.00	20.25 -0.37 0.00	18.17 -0.41 -0.14
LINDEN COGEN____ 23786	19.99 1.00 0.00	19.63 0.95 0.00	19.69 0.90 0.00	19.66 0.94 0.00	19.88 1.01 0.00	21.63 1.26 -0.10	23.44 1.47 0.00	28.90 1.91 0.00	23.90 1.44 0.00	23.29 1.41 0.00	25.46 1.59 -0.16	26.99 1.73 -0.25	26.41 1.77 -0.23	27.02 1.70 -0.24	31.35 2.17 -0.50	26.80 1.86 -0.20	29.60 1.88 -0.33	37.29 2.22 0.00	70.35 4.48 0.00	35.22 2.30 0.00	30.97 2.14 0.00	26.89 1.86 -0.03	22.07 1.45 0.00	20.57 1.27 -0.87
LINDHRST_69_KV_BK1 356055	20.50 1.51 0.00	20.11 1.43 0.00	20.15 1.36 0.00	20.14 1.42 0.00	21.09 1.58 -0.63	36.65 1.86 -14.52	54.20 2.14 -30.10	29.41 2.42 0.00	24.28 1.82 0.00	23.50 1.62 0.00	25.81 1.93 -0.16	27.67 2.22 -0.45	28.21 2.40 -1.39	27.44 2.13 -0.24	31.75 2.57 -0.50	27.10 2.16 -0.20	29.97 2.25 -0.33	37.80 2.74 0.00	71.90 6.03 0.00	35.91 3.00 0.00	31.68 2.84 0.00	27.56 2.52 -0.03	25.07 1.95 -2.50	21.01 1.70 -0.87
LIPA_MISC_IPP 23656	20.45 1.47 0.00	20.05 1.38 0.00	20.09 1.30 0.00	20.10 1.38 0.00	21.04 1.54 -0.63	36.58 1.79 -14.52	54.07 2.00 -30.10	29.23 2.23 0.00	24.12 1.66 0.00	23.27 1.40 0.00	25.59 1.71 -0.16	27.45 2.00 -0.45	28.04 2.23 -1.39	27.13 1.82 -0.24	31.33 2.16 -0.50	26.62 1.68 -0.20	29.46 1.74 -0.33	37.23 2.16 0.00	71.66 5.79 0.00	35.62 2.71 0.00	31.31 2.48 0.00	27.23 2.20 -0.03	23.31 1.64 -1.05	20.82 1.52 -0.87
LISF__SOLAR 323691	20.47 1.49 0.00	20.08 1.40 0.00	20.11 1.32 0.00	20.12 1.40 0.00	21.07 1.56 -0.63	36.59 1.80 -14.52	54.08 2.02 -30.10	29.22 2.22 0.00	24.13 1.67 0.00	23.33 1.46 0.00	25.60 1.73 -0.16	27.54 2.10 -0.45	28.04 2.23 -1.40	27.11 1.79 -0.24	31.31 2.13 -0.50	26.60 1.65 -0.20	29.44 1.72 -0.33	37.22 2.16 0.00	71.59 5.72 0.00	35.64 2.73 0.00	31.33 2.49 0.00	27.27 2.23 -0.03	23.35 1.67 -1.06	20.84 1.54 -0.87
LITTLE FALLS__HYD 24013	19.44 0.46 0.00	19.10 0.43 0.00	19.21 0.42 0.00	19.19 0.47 0.00	19.43 0.55 0.00	21.04 0.76 0.00	22.90 0.94 0.00	28.14 1.15 0.00	23.27 0.81 0.00	22.54 0.66 0.00	24.33 0.61 0.00	25.42 0.42 0.00	24.93 0.52 0.00	25.23 0.16 0.00	28.91 0.23 0.00	25.13 0.38 0.00	27.81 0.41 0.00	35.83 0.77 0.00	67.85 1.97 0.00	33.98 1.06 0.00	29.75 0.91 0.00	25.86 0.85 0.00	21.24 0.62 0.00	19.02 0.57 -0.02
LITTLRIV_115KV_TB1 356100	19.32 0.34 0.00	19.08 0.40 0.00	19.17 0.38 0.00	19.08 0.35 0.00	19.15 0.28 0.00	20.43 0.15 0.00	21.87 -0.09 0.00	26.79 -0.21 0.00	22.25 -0.21 0.00	21.80 -0.08 0.00	23.55 -0.16 0.00	24.80 -0.20 0.00	24.22 -0.19 0.00	24.67 -0.41 0.00	28.10 -0.58 0.00	24.33 -0.41 0.00	27.03 -0.36 0.00	34.92 -0.15 0.00	65.73 -0.14 0.00	32.62 -0.30 0.00	28.39 -0.45 0.00	24.66 -0.35 0.00	20.57 -0.05 0.00	18.52 0.06 -0.03
LI_NEWBRDGE__DRP 323616	20.14 1.16 0.00	19.78 1.10 0.00	19.81 1.02 0.00	19.84 1.11 0.00	20.77 1.26 -0.63	36.25 1.46 -14.52	53.77 1.71 -30.10	28.92 1.92 0.00	23.88 1.42 0.00	23.18 1.30 0.00	25.43 1.55 -0.16	27.31 1.86 -0.45	27.79 1.98 -1.39	27.06 1.75 -0.24	31.32 2.14 -0.50	26.77 1.82 -0.20	29.55 1.83 -0.33	37.23 2.17 0.00	70.58 4.71 0.00	35.29 2.38 0.00	31.11 2.27 0.00	27.04 2.00 -0.03	22.17 1.55 0.00	20.66 1.36 -0.87
LOCKPORT_115KV_TB60_63_64 80432	18.38 -0.61 0.00	17.93 -0.74 0.00	18.12 -0.68 0.00	17.94 -0.79 0.00	18.00 -0.88 0.00	19.42 -0.88 -0.03	20.75 -1.10 0.12	25.40 -1.60 0.00	21.61 -0.86 0.00	21.26 -0.61 0.00	23.16 -0.55 0.00	24.48 -0.52 0.00	23.61 -0.80 0.00	24.56 -0.52 0.00	27.63 -1.05 0.00	23.94 -0.80 0.00	26.66 -0.73 0.00	33.99 -1.08 0.00	63.54 -2.33 0.00	32.04 -0.88 0.00	28.01 -0.83 0.00	23.81 -1.06 0.14	19.83 -0.78 0.00	17.89 -0.78 -0.23
LOCKPORT__CC1 323769	18.40 -0.59 0.00	17.96 -0.72 0.00	18.14 -0.66 0.00	17.96 -0.77 0.00	18.02 -0.86 0.00	19.45 -0.85 -0.03	20.78 -1.06 0.12	25.43 -1.56 0.00	21.62 -0.84 0.00	21.26 -0.61 0.00	23.18 -0.53 0.00	24.46 -0.54 0.00	23.60 -0.81 0.00	24.58 -0.50 0.00	27.65 -1.03 0.00	23.96 -0.78 0.00	26.68 -0.71 0.00	34.02 -1.05 0.00	63.57 -2.30 0.00	32.06 -0.85 0.00	28.04 -0.80 0.14	23.81 -1.06 0.00	19.83 -0.79 0.00	17.91 -0.76 -0.23

LOCKPORT___CC2 323770	18.40 -0.59 0.00	17.96 -0.72 0.00	18.14 -0.66 0.00	17.96 -0.77 0.00	18.02 -0.86 0.00	19.45 -0.85 -0.03	20.78 -1.06 0.12	25.43 -1.56 0.00	21.62 -0.84 0.00	21.26 -0.61 0.00	23.18 -0.53 0.00	24.46 -0.54 0.00	23.60 -0.81 0.00	24.58 -0.50 0.00	27.65 -1.03 0.00	23.96 -0.78 0.00	26.68 -0.71 0.00	34.02 -1.05 0.00	63.57 -2.30 0.00	32.06 -0.85 0.00	28.04 -0.80 0.00	23.81 -1.06 0.14	19.83 -0.79 0.00	17.91 -0.76 -0.23
LOCKPORT___CC3 323771	18.40 -0.59 0.00	17.96 -0.72 0.00	18.14 -0.66 0.00	17.96 -0.77 0.00	18.02 -0.86 0.00	19.45 -0.85 -0.03	20.78 -1.06 0.12	25.43 -1.56 0.00	21.62 -0.84 0.00	21.26 -0.61 0.00	23.18 -0.53 0.00	24.46 -0.54 0.00	23.60 -0.81 0.00	24.58 -0.50 0.00	27.65 -1.03 0.00	23.96 -0.78 0.00	26.68 -0.71 0.00	34.02 -1.05 0.00	63.57 -2.30 0.00	32.06 -0.85 0.00	28.04 -0.80 0.00	23.81 -1.06 0.14	19.83 -0.79 0.00	17.91 -0.76 -0.23
LONG_LAKE_PHOENIX 24014	18.76 -0.22 0.00	18.40 -0.27 0.00	18.52 -0.27 0.00	18.44 -0.29 0.00	18.59 -0.29 0.00	19.99 -0.30 -0.02	21.63 -0.34 0.00	26.55 -0.45 0.00	22.10 -0.36 0.00	21.55 -0.33 0.00	23.34 -0.37 0.00	24.63 -0.37 0.00	24.01 -0.40 0.00	24.70 -0.38 0.00	28.21 -0.47 0.00	24.35 -0.39 0.00	26.96 -0.43 0.00	34.57 -0.50 0.00	64.93 -0.94 0.00	32.48 -0.44 0.00	28.47 -0.37 0.00	24.74 -0.27 0.00	20.37 -0.25 0.00	18.33 -0.26 -0.16
LOVETT___3 23632	19.82 0.84 0.00	19.45 0.78 0.00	19.54 0.75 0.00	19.52 0.80 0.00	19.72 0.85 0.00	21.43 1.06 -0.10	23.23 1.27 0.00	28.62 1.62 0.00	23.66 1.21 0.00	23.01 1.13 0.00	25.12 1.27 -0.13	26.60 1.39 -0.21	26.04 1.43 -0.19	26.69 1.42 -0.20	30.94 1.86 -0.41	26.49 1.58 -0.16	29.24 1.58 -0.27	36.97 1.90 0.00	69.80 3.92 0.00	34.94 2.02 0.00	30.69 1.85 0.00	26.62 1.59 -0.02	21.84 1.22 0.00	20.29 1.07 -0.80
LOVETT___4 23642	19.82 0.84 0.00	19.45 0.78 0.00	19.54 0.75 0.00	19.52 0.80 0.00	19.72 0.85 0.00	21.43 1.06 -0.10	23.23 1.27 0.00	28.62 1.62 0.00	23.66 1.21 0.00	23.01 1.13 0.00	25.12 1.27 -0.13	26.60 1.39 -0.21	26.04 1.43 -0.19	26.69 1.42 -0.20	30.94 1.86 -0.41	26.49 1.58 -0.16	29.24 1.58 -0.27	36.97 1.90 0.00	69.80 3.92 0.00	34.94 2.02 0.00	30.69 1.85 0.00	26.62 1.59 -0.02	21.84 1.22 0.00	20.29 1.07 -0.80
LOVETT___5 23593	19.82 0.84 0.00	19.45 0.78 0.00	19.54 0.75 0.00	19.52 0.80 0.00	19.72 0.85 0.00	21.43 1.06 -0.10	23.23 1.27 0.00	28.62 1.62 0.00	23.66 1.21 0.00	23.01 1.13 0.00	25.12 1.27 -0.13	26.60 1.39 -0.21	26.04 1.43 -0.19	26.69 1.42 -0.20	30.94 1.86 -0.41	26.49 1.58 -0.16	29.24 1.58 -0.27	36.97 1.90 0.00	69.80 3.92 0.00	34.94 2.02 0.00	30.69 1.85 0.00	26.62 1.59 -0.02	21.84 1.22 0.00	20.29 1.07 -0.80
LOWER RAQUET___HYD 24057	18.96 -0.02 0.00	18.74 0.06 0.00	18.85 0.07 0.00	18.75 0.02 0.00	18.80 -0.07 0.00	20.02 -0.26 0.00	21.39 -0.58 0.00	26.18 -0.82 0.00	21.77 -0.69 0.00	21.27 -0.60 0.00	23.01 -0.70 0.00	24.22 -0.79 0.00	23.72 -0.69 0.00	24.26 -0.82 0.00	27.62 -1.06 0.00	23.86 -0.88 0.00	26.54 -0.85 0.00	34.18 -0.88 0.00	64.27 -1.61 0.00	31.90 -1.02 0.00	27.77 -1.07 0.00	24.14 -0.87 0.00	20.17 -0.45 0.00	18.19 -0.27 -0.03
LOWER___HUDSON 24059	19.60 0.62 0.00	19.28 0.60 0.00	19.37 0.58 0.00	19.37 0.65 0.00	19.61 0.73 0.00	21.26 0.87 -0.13	22.97 1.01 0.00	28.21 1.21 0.00	23.44 0.98 0.00	22.73 0.86 0.00	24.45 0.93 0.20	25.67 0.97 0.31	25.08 0.95 0.28	25.74 0.96 0.30	29.28 1.21 0.61	25.48 0.98 0.25	27.99 1.00 0.40	36.36 1.30 0.00	68.63 2.76 0.00	34.28 1.36 0.00	30.04 1.20 0.00	26.07 1.03 -0.03	21.45 0.83 0.00	20.25 0.75 -1.07
LOWVILLE_115KV_TB2 356335	19.15 0.17 0.00	18.79 0.12 0.00	18.93 0.14 0.00	18.83 0.10 0.00	18.93 0.06 0.00	20.45 0.17 -0.01	22.18 0.21 0.00	27.16 0.16 0.00	22.48 0.03 0.00	21.92 0.04 0.00	23.65 -0.06 0.00	24.73 -0.27 0.00	24.43 0.02 0.00	24.94 -0.13 0.00	28.32 -0.36 0.00	24.34 -0.40 0.00	27.15 -0.24 0.00	35.16 0.10 0.00	65.73 -0.14 0.00	32.64 -0.28 0.00	28.26 -0.58 0.00	24.37 -0.64 0.00	20.07 -0.54 0.00	17.96 -0.54 -0.07
LUTHERFT_115KV_GLOB_FND_222 355753	19.85 0.87 0.00	19.52 0.84 0.00	19.63 0.83 0.00	19.61 0.89 0.00	19.92 1.04 0.00	21.61 1.21 -0.13	23.37 1.41 0.00	28.77 1.77 0.00	23.90 1.44 0.00	23.14 1.26 0.00	24.91 1.35 0.15	26.17 1.41 0.24	25.57 1.37 0.22	26.24 1.40 0.23	29.92 1.72 0.47	26.02 1.46 0.19	28.60 1.52 0.31	37.03 1.97 0.00	69.86 3.98 0.00	34.91 1.99 0.00	30.57 1.73 0.00	26.48 1.44 -0.03	21.76 1.15 0.00	20.50 0.99 -1.08
LUTHERNY_35_KV_BK2 355980	19.87 0.88 0.00	19.51 0.83 0.00	19.61 0.82 0.00	19.60 0.88 0.00	19.91 1.04 0.00	21.62 1.21 -0.13	23.39 1.42 0.00	28.80 1.80 0.00	23.90 1.44 0.00	23.15 1.28 0.00	24.91 1.35 0.15	26.17 1.41 0.24	25.56 1.36 0.22	26.24 1.40 0.23	29.93 1.72 0.47	26.00 1.45 0.19	28.61 1.52 0.31	37.05 1.98 0.00	69.90 4.02 0.00	34.92 2.00 0.00	30.60 1.76 0.00	26.49 1.45 -0.03	21.78 1.16 0.00	20.50 0.99 -1.08
LWR___OSWEGATCHIE_HYD 23850	18.90 -0.08 0.00	18.62 -0.06 0.00	18.74 -0.05 0.00	18.62 -0.10 0.00	18.66 -0.21 0.00	20.03 -0.25 -0.01	21.57 -0.39 0.00	26.41 -0.58 0.00	21.93 -0.53 0.00	21.37 -0.51 0.00	23.07 -0.64 0.00	24.19 -0.81 0.00	23.82 -0.60 0.00	24.39 -0.68 0.00	27.73 -0.95 0.00	23.89 -0.86 0.00	26.61 -0.79 0.00	34.39 -0.68 0.00	64.65 -1.23 0.00	32.10 -0.82 0.00	27.86 -0.97 0.00	24.12 -0.89 0.00	20.01 -0.61 0.00	17.95 -0.53 -0.05
LYONS_FALL_HYD 23570	19.29 0.30 0.00	18.93 0.25 0.00	19.06 0.27 0.00	18.96 0.24 0.00	19.09 0.21 0.00	20.61 0.34 -0.01	22.37 0.41 0.00	27.46 0.47 0.00	22.74 0.28 0.00	22.18 0.30 0.00	23.95 0.23 0.00	25.09 0.09 0.00	24.67 0.26 0.00	25.19 0.11 0.00	28.69 0.01 0.00	24.67 -0.07 0.00	27.44 0.04 0.00	35.46 0.40 0.00	66.38 0.51 0.00	33.06 0.14 0.00	28.77 -0.07 0.00	24.85 -0.17 0.00	20.47 -0.15 0.00	18.32 -0.17 -0.06
MADISON___COUNTY_LFGE 323628	19.60 0.61 0.00	19.22 0.54 0.00	19.32 0.53 0.00	19.23 0.51 0.00	19.38 0.50 0.00	20.93 0.65 -0.01	22.80 0.83 0.00	28.05 1.05 0.00	23.29 0.83 0.00	22.71 0.83 0.00	24.45 0.74 0.00	25.72 0.72 0.00	25.14 0.72 0.00	25.68 0.60 0.00	29.25 0.57 0.00	25.18 0.44 0.00	28.07 0.67 0.00	36.17 1.11 0.00	67.32 1.45 0.00	33.76 0.84 0.00	29.67 0.83 0.00	25.67 0.66 0.00	21.11 0.49 0.00	18.94 0.41 -0.09
MALONE___115KV_TB1 356076	19.38 0.39 0.00	19.29 0.62 0.00	19.38 0.59 0.00	19.21 0.49 0.00	19.23 0.36 0.00	20.49 0.22 0.00	22.01 0.04 0.00	26.95 -0.04 0.00	22.70 0.24 0.00	22.06 0.18 0.00	23.87 0.16 0.00	25.25 0.25 0.00	24.76 0.34 0.00	25.39 0.31 0.00	28.92 0.24 0.00	24.97 0.23 0.00	27.77 0.37 0.00	35.62 0.56 0.00	67.04 1.17 0.00	33.06 0.14 0.00	28.81 -0.03 0.00	24.92 -0.09 0.00	20.74 0.12 0.00	18.78 0.33 -0.02

MAPLEWOD_115KV_TB3 80458	19.50 0.52 0.00	19.19 0.51 0.00	19.28 0.49 0.00	19.27 0.54 0.00	19.49 0.61 0.00	21.17 0.77 -0.13	22.84 0.88 0.00	28.08 1.08 0.00	23.34 0.88 0.00	22.60 0.72 0.00	24.33 0.80 0.18	25.54 0.82 0.28	24.96 0.80 0.26	25.63 0.82 0.27	29.19 1.07 0.55	25.40 0.88 0.22	27.98 0.94 0.36	36.29 1.23 0.00	68.44 2.57 0.00	34.19 1.27 0.00	29.97 1.13 0.00	25.97 0.93 -0.03	21.36 0.74 0.00	20.16 0.67 -1.06
MAPLE_RIDGE_WT_1 323574	18.56 -0.42 0.00	18.37 -0.30 0.00	18.51 -0.28 0.00	18.28 -0.44 0.00	18.43 -0.45 0.00	19.82 -0.45 0.00	21.43 -0.54 0.00	26.34 -0.66 0.00	21.87 -0.59 0.00	21.42 -0.45 0.00	23.29 -0.42 0.00	24.49 -0.52 0.00	24.01 -0.40 0.00	24.60 -0.47 0.00	28.12 -0.56 0.00	24.17 -0.57 0.00	26.86 -0.54 0.00	34.38 -0.69 0.00	63.36 -2.52 0.00	31.18 -1.74 0.00	21.54 -1.73 5.57	-28.71 -1.53 52.19	-39.00 -1.21 58.41	-35.55 -0.99 53.00
MAPLE_RIDGE_WT_2 323611	18.56 -0.42 0.00	18.37 -0.30 0.00	18.51 -0.28 0.00	18.28 -0.44 0.00	18.43 -0.45 0.00	19.82 -0.45 0.00	21.43 -0.54 0.00	26.34 -0.66 0.00	21.87 -0.59 0.00	21.42 -0.45 0.00	23.29 -0.42 0.00	24.49 -0.52 0.00	24.01 -0.40 0.00	24.60 -0.47 0.00	28.12 -0.56 0.00	24.17 -0.57 0.00	26.86 -0.54 0.00	34.38 -0.69 0.00	63.36 -2.52 0.00	31.18 -1.74 0.00	21.54 -1.73 5.57	-28.71 -1.53 52.19	-39.00 -1.21 58.41	-35.55 -0.99 53.00
MARBLE_RIVER_WT_PWR 323696	19.29 0.30 0.00	19.29 0.61 0.00	19.35 0.56 0.00	19.18 0.45 0.00	19.18 0.30 0.00	20.41 0.13 0.00	21.90 -0.07 0.00	26.71 -0.28 0.00	22.63 0.16 0.00	21.93 0.05 0.00	23.72 0.01 0.00	25.15 0.15 0.00	24.66 0.24 0.00	25.37 0.29 0.00	28.95 0.27 0.00	24.94 0.20 0.00	27.72 0.33 0.00	35.57 0.50 0.00	66.97 1.09 0.00	33.00 0.08 0.00	28.72 -0.11 0.00	24.86 -0.15 0.00	20.71 0.09 0.00	18.78 0.35 0.00
MARSHVLE_115KV_TB1 80742	19.90 0.92 0.00	19.52 0.84 0.00	19.64 0.85 0.00	19.52 0.80 0.00	19.68 0.80 0.00	21.20 0.80 -0.13	22.89 0.93 0.00	28.21 1.21 0.00	23.39 0.93 0.00	22.87 1.00 0.00	24.64 1.05 0.12	25.87 1.07 0.19	25.15 0.92 0.18	25.82 0.93 0.19	29.23 0.94 0.38	25.38 0.79 0.15	28.03 0.88 0.25	36.54 1.48 0.00	68.36 2.49 0.00	34.15 1.23 0.00	29.92 1.08 0.00	25.76 0.71 -0.03	21.22 0.60 0.00	19.97 0.45 -1.09
MARSH_HILL_WT_PWR 323713	18.63 -0.36 0.00	17.99 -0.69 0.00	18.07 -0.72 0.00	18.06 -0.66 0.00	18.17 -0.71 0.00	19.77 -0.54 -0.03	22.21 -0.34 -0.59	26.17 -0.84 -0.02	22.10 -0.36 0.00	21.67 -0.20 0.00	23.75 0.03 0.00	25.02 0.02 0.00	24.16 -0.25 0.00	25.15 0.08 0.00	28.44 -0.24 0.00	24.86 0.11 0.00	27.59 0.20 0.00	35.33 0.27 0.00	64.91 -0.97 0.00	31.92 -1.01 0.00	27.78 -1.06 0.00	24.63 -1.09 -0.71	19.62 -1.00 0.00	17.71 -1.00 -0.29
MCINTYRE_115KV_TB2 80467	19.60 0.62 0.00	19.34 0.67 0.00	19.42 0.63 0.00	19.33 0.61 0.00	19.42 0.55 0.00	20.75 0.47 0.00	22.28 0.31 0.00	27.31 0.31 0.00	22.69 0.23 0.00	22.20 0.32 0.00	23.95 0.24 0.00	25.24 0.24 0.00	24.59 0.18 0.00	25.00 -0.07 0.00	28.50 -0.18 0.00	24.74 0.00 0.00	27.45 0.06 0.00	35.60 0.54 0.00	67.09 1.22 0.00	33.29 0.37 0.00	28.97 0.13 0.00	25.13 0.11 0.00	20.92 0.30 0.00	18.77 0.31 -0.03
MECO____69_KV_BK1 80468	20.24 1.26 0.00	19.77 1.09 0.00	19.88 1.08 0.00	19.82 1.10 0.00	20.09 1.22 0.00	21.76 1.36 -0.13	23.58 1.61 0.00	29.08 2.09 0.00	23.89 1.43 0.00	22.78 0.90 0.00	24.38 0.79 0.12	25.51 0.71 0.19	24.96 0.73 0.18	25.45 0.56 0.19	28.58 0.29 0.38	25.38 0.79 0.15	27.82 0.67 0.25	37.09 2.02 0.00	69.80 3.93 0.00	35.00 2.08 0.00	30.65 1.82 0.00	26.43 1.39 -0.03	21.78 1.16 0.00	20.55 1.03 -1.09
MENANDS_115KV_TB5 355628	19.41 0.42 0.00	19.10 0.42 0.00	19.19 0.40 0.00	19.17 0.45 0.00	19.39 0.51 0.00	21.07 0.68 -0.13	22.72 0.75 0.00	27.89 0.90 0.00	23.19 0.73 0.00	22.44 0.57 0.00	24.18 0.64 0.18	25.39 0.66 0.28	24.83 0.67 0.25	25.49 0.68 0.27	29.05 0.91 0.54	25.26 0.74 0.22	27.81 0.77 0.36	36.06 1.00 0.00	68.01 2.13 0.00	33.98 1.06 0.00	29.78 0.94 0.00	25.82 0.77 -0.03	21.24 0.62 0.00	20.06 0.57 -1.06
MG INDUSTRY___DRP 24185	19.52 0.54 0.00	19.21 0.53 0.00	19.32 0.53 0.00	19.27 0.55 0.00	19.27 0.39 0.00	20.87 0.47 -0.12	22.52 0.56 0.00	28.05 1.05 0.00	23.27 0.81 0.00	22.53 0.66 0.00	24.36 0.74 0.10	25.61 0.76 0.15	25.02 0.75 0.14	25.66 0.73 0.15	29.33 0.96 0.31	25.44 0.82 0.12	28.06 0.86 0.20	36.15 1.08 0.00	68.10 2.22 0.00	34.05 1.13 0.00	29.87 1.04 0.00	25.91 0.87 -0.03	21.32 0.71 0.00	20.11 0.64 -1.04
MID___OSWEGATCHIE_HYD 23849	18.90 -0.08 0.00	18.62 -0.06 0.00	18.74 -0.05 0.00	18.62 -0.10 0.00	18.66 -0.21 0.00	20.03 -0.25 -0.01	21.57 -0.39 0.00	26.41 -0.58 0.00	21.93 -0.53 0.00	21.37 -0.51 0.00	23.07 -0.64 0.00	24.19 -0.81 0.00	23.82 -0.60 0.00	24.39 -0.68 0.00	27.73 -0.95 0.00	23.89 -0.86 0.00	26.61 -0.79 0.00	34.39 -0.68 0.00	64.65 -1.23 0.00	32.10 -0.82 0.00	27.86 -0.97 0.00	24.12 -0.89 0.00	20.01 -0.61 0.00	17.95 -0.53 -0.05
MID___RAQUETTE_HYD 23851	18.96 -0.02 0.00	18.74 0.06 0.00	18.85 0.07 0.00	18.75 0.02 0.00	18.80 -0.08 0.00	20.02 -0.26 0.00	21.39 -0.58 0.00	26.18 -0.82 0.00	21.77 -0.69 0.00	21.28 -0.60 0.00	23.01 -0.70 0.00	24.22 -0.78 0.00	23.72 -0.69 0.00	24.26 -0.82 0.00	27.62 -1.06 0.00	23.86 -0.88 0.00	26.54 -0.85 0.00	34.18 -0.89 0.00	64.26 -1.61 0.00	31.90 -1.02 0.00	27.77 -1.07 0.00	24.14 -0.87 0.00	20.18 -0.44 0.00	18.19 -0.27 -0.03
MILLIKEN___1 23584	19.52 0.54 0.00	19.13 0.45 0.00	19.21 0.42 0.00	19.14 0.42 0.00	19.32 0.44 0.00	20.83 0.52 -0.03	22.68 0.67 -0.05	27.88 0.89 0.00	23.13 0.68 0.00	22.54 0.66 0.00	24.36 0.65 0.00	25.66 0.66 0.00	24.96 0.55 0.00	25.69 0.61 0.00	29.37 0.69 0.00	25.39 0.65 0.00	28.12 0.73 0.00	36.10 1.03 0.00	67.81 1.94 0.00	33.95 1.03 0.00	29.75 0.91 0.00	25.74 0.67 -0.06	21.12 0.50 0.00	19.11 0.39 -0.29
MILLIKEN___2 23585	19.52 0.54 0.00	19.13 0.45 0.00	19.21 0.42 0.00	19.14 0.42 0.00	19.32 0.44 0.00	20.83 0.52 -0.03	22.68 0.67 -0.05	27.88 0.89 0.00	23.13 0.68 0.00	22.54 0.66 0.00	24.36 0.65 0.00	25.66 0.66 0.00	24.96 0.55 0.00	25.69 0.61 0.00	29.37 0.69 0.00	25.39 0.65 0.00	28.12 0.73 0.00	36.10 1.03 0.00	67.81 1.94 0.00	33.95 1.03 0.00	29.75 0.91 0.00	25.74 0.67 -0.06	21.12 0.50 0.00	19.11 0.39 -0.29
MILLIKEN___DIESEL 23629	19.52 0.54 0.00	19.13 0.45 0.00	19.21 0.42 0.00	19.14 0.42 0.00	19.32 0.44 0.00	20.83 0.52 -0.03	22.68 0.67 -0.05	27.88 0.89 0.00	23.13 0.68 0.00	22.54 0.66 0.00	24.36 0.65 0.00	25.66 0.66 0.00	24.96 0.55 0.00	25.69 0.61 0.00	29.37 0.69 0.00	25.39 0.65 0.00	28.12 0.73 0.00	36.10 1.03 0.00	67.81 1.94 0.00	33.95 1.03 0.00	29.75 0.91 0.00	25.74 0.67 -0.06	21.12 0.50 0.00	19.11 0.39 -0.29

MILLSEAT___LFGE 323607	18.69 -0.30 0.00	18.24 -0.43 0.00	18.42 -0.38 0.00	18.25 -0.47 0.00	18.32 -0.55 0.00	19.80 -0.50 -0.03	21.24 -0.63 0.10	26.00 -0.99 0.00	22.06 -0.40 0.00	21.65 -0.23 0.00	23.54 -0.18 0.00	24.83 -0.17 0.00	23.98 -0.43 0.00	24.90 -0.18 0.00	28.04 -0.64 0.00	24.26 -0.48 0.00	27.08 -0.32 0.00	34.63 -0.43 0.00	64.86 -1.02 0.00	32.70 -0.22 0.00	28.67 -0.16 0.00	24.40 -0.50 0.11	20.26 -0.36 0.00	18.25 -0.41 -0.23
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	19.93 0.94 0.00	19.57 0.90 0.00	19.65 0.86 0.00	19.64 0.91 0.00	19.86 0.98 0.00	21.58 1.20 -0.10	23.37 1.41 0.00	28.76 1.77 0.00	23.81 1.35 0.00	23.15 1.28 0.00	25.30 1.43 -0.16	26.83 1.58 -0.25	26.25 1.61 -0.23	26.88 1.57 -0.24	31.16 1.99 -0.49	26.63 1.69 -0.20	29.43 1.71 -0.32	37.13 2.07 0.00	70.11 4.24 0.00	35.11 2.19 0.00	30.82 1.99 0.00	26.74 1.70 -0.03	21.95 1.33 0.00	20.45 1.16 -0.87
MILLWOOD_13_KV_LOAD 356217	19.97 0.98 0.00	19.61 0.94 0.00	19.68 0.90 0.00	19.67 0.95 0.00	19.89 1.02 0.00	21.62 1.25 -0.10	23.42 1.45 0.00	28.83 1.84 0.00	23.87 1.41 0.00	23.22 1.34 0.00	25.38 1.50 -0.16	26.90 1.64 -0.25	26.31 1.67 -0.23	26.94 1.62 -0.24	31.24 2.07 -0.49	26.70 1.76 -0.20	29.51 1.79 -0.32	37.25 2.18 0.00	70.32 4.45 0.00	35.21 2.29 0.00	30.91 2.07 0.00	26.81 1.77 -0.03	22.01 1.39 0.00	20.50 1.20 -0.87
MODEL_CITY_ENERGY 24167	18.15 -0.83 0.00	17.72 -0.95 0.00	17.89 -0.90 0.00	17.72 -1.00 0.00	17.77 -1.10 0.00	19.18 -1.13 -0.03	20.45 -1.39 0.13	25.01 -1.98 0.00	21.29 -1.17 0.00	20.95 -0.93 0.00	22.86 -0.86 0.00	24.13 -0.87 0.00	23.26 -1.16 0.00	24.25 -0.83 0.00	27.26 -1.42 0.00	23.64 -1.11 0.00	26.31 -1.09 0.00	33.52 -1.55 0.00	62.60 -3.28 0.00	31.57 -1.35 0.00	27.63 -1.21 0.00	23.45 -1.41 0.15	19.56 -1.06 0.00	17.67 -1.00 -0.24
MODERN_LFGE___ 323580	18.15 -0.83 0.00	17.72 -0.95 0.00	17.89 -0.90 0.00	17.72 -1.00 0.00	17.77 -1.10 0.00	19.18 -1.13 -0.03	20.45 -1.39 0.13	25.01 -1.98 0.00	21.29 -1.17 0.00	20.95 -0.93 0.00	22.86 -0.86 0.00	24.13 -0.87 0.00	23.26 -1.16 0.00	24.25 -0.83 0.00	27.26 -1.42 0.00	23.64 -1.11 0.00	26.31 -1.09 0.00	33.52 -1.55 0.00	62.60 -3.28 0.00	31.57 -1.35 0.00	27.63 -1.21 0.00	23.45 -1.41 0.15	19.56 -1.06 0.00	17.67 -1.00 -0.24
MOHAWK_PAPER___DRP 24187	19.50 0.52 0.00	19.19 0.51 0.00	19.28 0.49 0.00	19.27 0.54 0.00	19.49 0.61 0.00	21.17 0.77 -0.13	22.84 0.88 0.00	28.08 1.08 0.00	23.34 0.88 0.00	22.60 0.72 0.00	24.33 0.80 0.18	25.54 0.82 0.28	24.96 0.80 0.26	25.63 0.82 0.27	29.19 1.07 0.55	25.40 0.88 0.22	27.98 0.94 0.36	36.29 1.23 0.00	68.44 2.57 0.00	34.19 1.27 0.00	29.97 1.13 0.00	25.97 0.93 -0.03	21.36 0.74 0.00	20.16 0.67 -1.06
MOHICAN__35_KV_115KV_LD 80490	19.88 0.89 0.00	19.55 0.88 0.00	19.71 0.92 0.00	19.70 0.98 0.00	20.08 1.20 0.00	21.82 1.42 -0.13	23.63 1.67 0.00	29.14 2.15 0.00	24.25 1.79 0.00	23.45 1.58 0.00	25.25 1.68 0.15	26.55 1.78 0.23	25.91 1.72 0.22	26.59 1.74 0.23	30.34 2.13 0.47	26.38 1.83 0.19	28.91 1.82 0.30	37.41 2.34 0.00	70.75 4.87 0.00	35.34 2.42 0.00	30.87 2.03 0.00	26.74 1.70 -0.03	21.96 1.35 0.00	20.64 1.13 -1.08
MONGAUP___HYD 23641	20.18 1.19 0.00	19.79 1.12 0.00	19.90 1.11 0.00	19.86 1.13 0.00	20.06 1.19 0.00	21.80 1.43 -0.10	23.64 1.68 0.00	28.96 1.97 0.00	23.85 1.39 0.00	22.84 0.97 0.00	24.91 1.07 -0.13	26.41 1.21 -0.20	25.72 1.13 -0.19	26.33 1.06 -0.19	30.43 1.35 -0.40	26.43 1.52 -0.16	29.39 1.73 -0.26	37.55 2.48 0.00	71.00 5.12 0.00	35.63 2.71 0.00	31.27 2.43 0.00	26.93 1.89 -0.02	21.76 1.14 0.00	20.23 1.03 -0.76
MONTAUK___DIESEL 23721	21.02 2.04 0.00	20.60 1.93 0.00	20.64 1.85 0.00	20.65 1.92 0.00	21.62 2.11 -0.63	37.27 2.48 -14.52	54.95 2.89 -30.10	30.38 3.39 0.00	25.18 2.73 0.00	24.04 2.17 0.00	26.35 2.48 -0.16	28.30 2.85 -0.45	28.89 3.08 -1.39	28.13 2.81 -0.24	32.48 3.31 -0.50	27.61 2.66 -0.20	30.63 2.91 -0.33	38.76 3.70 0.00	75.04 9.16 0.00	37.14 4.22 0.00	32.59 3.75 0.00	28.24 3.20 -0.03	24.05 2.38 -1.05	21.36 2.05 -0.87
MOONROAD_115KV_HARTFLD_TB1-2 355988	18.51 -0.47 0.00	18.22 -0.46 0.00	18.31 -0.48 0.00	18.13 -0.60 0.00	18.29 -0.58 0.00	19.71 -0.59 -0.03	21.24 -0.59 0.14	26.32 -0.67 0.00	22.30 -0.16 0.00	22.03 0.15 0.00	24.16 0.45 0.00	25.65 0.65 0.00	24.77 0.35 0.00	25.77 0.69 0.00	29.06 0.39 0.00	25.20 0.45 0.00	28.03 0.63 0.00	35.58 0.51 0.00	65.12 -0.75 0.00	32.37 -0.55 0.00	28.28 -0.56 0.00	24.01 -0.84 0.16	19.96 -0.66 0.00	17.93 -0.76 -0.26
MORTIMER_115KV_TB3 55949	18.69 -0.29 0.00	18.29 -0.38 0.00	18.45 -0.34 0.00	18.32 -0.41 0.00	18.42 -0.45 0.00	19.89 -0.41 -0.03	21.50 -0.47 0.00	26.31 -0.68 0.00	22.15 -0.31 0.00	21.67 -0.20 0.00	23.55 -0.15 0.00	24.88 -0.12 0.00	24.03 -0.39 0.00	24.95 -0.13 0.00	28.28 -0.40 0.00	24.45 -0.30 0.00	27.19 -0.20 0.00	34.82 -0.24 0.00	65.22 -0.65 0.00	32.78 -0.14 0.00	28.67 -0.17 0.00	24.65 -0.37 -0.01	20.31 -0.31 0.00	18.28 -0.36 -0.21
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	20.05 1.06 0.00	19.68 1.01 0.00	19.75 0.96 0.00	19.73 1.01 0.00	19.96 1.09 0.00	21.71 1.33 -0.10	23.53 1.56 0.00	28.99 1.99 0.00	23.99 1.53 0.00	23.35 1.48 0.00	25.54 1.66 -0.16	27.08 1.82 -0.25	26.49 1.84 -0.23	27.12 1.80 -0.24	31.44 2.26 -0.50	26.88 1.93 -0.20	29.68 1.96 -0.33	37.44 2.37 0.00	70.65 4.78 0.00	35.38 2.46 0.00	31.09 2.25 0.00	26.97 1.93 -0.03	22.12 1.51 0.00	20.60 1.30 -0.87
MUNSVILLE_WIND_PWR 323609	20.55 1.56 0.00	20.03 1.35 0.00	20.08 1.29 0.00	19.89 1.17 0.00	20.05 1.17 0.00	21.71 1.39 -0.05	23.67 1.67 -0.03	28.94 1.95 0.00	23.99 1.53 0.00	23.27 1.40 0.00	25.28 1.57 0.00	26.72 1.72 0.00	26.01 1.60 0.00	26.91 1.84 0.00	30.72 2.04 0.00	26.54 1.80 0.00	29.43 2.03 0.00	37.72 2.65 0.00	70.48 4.60 0.00	34.92 2.00 0.00	30.57 1.73 0.00	26.43 1.37 -0.05	21.56 0.94 0.00	19.59 0.77 -0.39
N SALMON___HYD 24042	19.38 0.39 0.00	19.29 0.62 0.00	19.38 0.59 0.00	19.21 0.49 0.00	19.23 0.36 0.00	20.49 0.22 0.00	22.01 0.04 0.00	26.95 -0.05 0.00	22.70 0.24 0.00	22.06 0.19 0.00	23.87 0.16 0.00	25.25 0.25 0.00	24.76 0.34 0.00	25.39 0.31 0.00	28.91 0.24 0.00	24.97 0.23 0.00	27.77 0.37 0.00	35.62 0.56 0.00	67.05 1.17 0.00	33.06 0.14 0.00	28.81 -0.03 0.00	24.93 -0.08 0.00	20.74 0.12 0.00	18.78 0.33 -0.02
N.AKRON__115KV_KNAPP 355671	18.59 -0.40 0.00	18.14 -0.54 0.00	18.32 -0.47 0.00	18.15 -0.58 0.00	18.21 -0.67 0.00	19.67 -0.63 -0.03	21.06 -0.80 0.11	25.80 -1.20 0.00	21.91 -0.55 0.00	21.54 -0.33 0.00	23.43 -0.28 0.00	24.76 -0.24 0.00	24.05 -0.36 0.00	24.86 -0.21 0.00	27.96 -0.72 0.00	24.19 -0.55 0.00	27.00 -0.40 0.00	34.43 -0.63 0.00	64.46 -1.42 0.00	32.48 -0.44 0.00	28.42 -0.42 0.00	24.19 -0.70 0.12	20.10 -0.51 0.00	18.12 -0.54 -0.23

N.BELMOR_69_KV_BK1 55787	20.31 1.33 0.00	19.93 1.26 0.00	19.97 1.18 0.00	19.97 1.25 0.00	20.91 1.41 -0.63	36.44 1.65 -14.52	53.97 1.90 -30.10	29.18 2.19 0.00	24.08 1.62 0.00	23.35 1.47 0.00	25.61 1.74 -0.16	27.50 2.05 -0.45	27.99 2.18 -1.39	27.27 1.95 -0.24	31.56 2.38 -0.50	26.98 2.04 -0.20	29.78 2.06 -0.33	37.47 2.40 0.00	71.14 5.26 0.00	35.56 2.64 0.00	31.41 2.57 0.00	27.30 2.26 -0.03	27.99 1.77 -5.60	20.84 1.53 -0.87
N.E_GEN_SANDY PD 24062	19.59 0.61 0.00	19.29 0.62 0.00	19.37 0.58 0.00	19.37 0.64 0.00	19.58 0.72 0.02	21.21 0.87 -0.08	22.94 0.97 0.00	28.14 1.15 0.00	23.50 0.88 -0.16	22.43 0.76 0.21	23.17 0.84 1.38	23.76 0.91 2.16	23.34 0.93 2.00	23.90 0.91 2.09	25.60 1.21 4.28	23.99 0.96 1.72	25.57 0.97 2.80	36.29 1.22 0.00	68.53 2.66 0.00	34.28 1.36 0.00	28.09 1.23 1.98	26.02 1.05 0.04	21.48 0.86 0.00	20.20 0.80 -0.97
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	19.85 0.87 0.00	19.49 0.81 0.00	19.58 0.79 0.00	19.55 0.83 0.00	19.76 0.88 0.00	21.46 1.09 -0.10	23.27 1.31 0.00	28.67 1.67 0.00	23.71 1.25 0.00	23.05 1.18 0.00	25.17 1.32 -0.13	26.66 1.45 -0.21	26.09 1.49 -0.19	26.74 1.47 -0.20	31.00 1.92 -0.41	26.54 1.63 -0.16	29.30 1.64 -0.27	37.05 1.99 0.00	69.94 4.07 0.00	35.02 2.10 0.00	30.75 1.91 0.00	26.67 1.64 -0.02	21.88 1.26 0.00	20.33 1.10 -0.80
N.QUEENS_27_KV_LOAD 356247	20.02 1.04 0.00	19.71 1.03 0.00	19.74 0.95 0.00	19.75 1.02 0.00	19.96 1.09 0.00	21.73 1.36 -0.10	23.50 1.53 0.00	29.00 2.01 0.00	24.01 1.55 0.00	23.39 1.52 0.00	25.63 1.76 -0.16	27.12 1.86 -0.25	26.53 1.89 -0.23	27.18 1.86 -0.24	31.51 2.33 -0.50	26.93 1.98 -0.20	29.67 1.95 -0.33	37.44 2.37 0.00	70.59 4.71 0.00	35.41 2.49 0.00	31.09 2.26 0.00	26.98 1.94 -0.03	22.09 1.48 0.00	20.60 1.30 -0.87
N.TROY___115KV_TB1 355778	19.60 0.62 0.00	19.28 0.60 0.00	19.37 0.58 0.00	19.37 0.65 0.00	19.61 0.74 0.00	21.27 0.87 -0.13	22.97 1.01 0.00	28.21 1.21 0.00	23.43 0.98 0.00	22.73 0.85 0.00	24.45 0.93 0.20	25.66 0.96 0.31	25.08 0.95 0.28	25.74 0.96 0.30	29.28 1.21 0.61	25.48 0.98 0.25	27.99 1.00 0.40	36.36 1.30 0.00	68.64 2.77 0.00	34.28 1.36 0.00	30.04 1.20 0.00	26.06 1.02 -0.03	21.44 0.82 0.00	20.25 0.75 -1.07
NARROWS_GT1_1 24228	20.10 1.12 0.00	19.75 1.07 0.00	19.85 1.06 0.00	19.84 1.12 0.00	20.07 1.19 0.00	21.84 1.46 -0.10	23.66 1.69 0.00	29.15 2.15 0.00	24.13 1.67 0.00	23.51 1.63 0.00	25.68 1.80 -0.16	27.23 1.98 -0.25	26.62 1.97 -0.23	27.25 1.94 -0.24	31.60 2.42 -0.50	27.01 2.07 -0.20	29.81 2.09 -0.33	37.53 2.47 0.00	70.86 4.99 0.00	35.50 2.59 0.00	31.30 2.46 0.00	27.15 2.12 -0.03	22.24 1.62 0.00	20.70 1.40 -0.87
NARROWS_GT1_2 24229	20.10 1.12 0.00	19.75 1.07 0.00	19.85 1.06 0.00	19.84 1.12 0.00	20.07 1.19 0.00	21.84 1.46 -0.10	23.66 1.69 0.00	29.15 2.15 0.00	24.13 1.67 0.00	23.51 1.63 0.00	25.68 1.80 -0.16	27.23 1.98 -0.25	26.62 1.97 -0.23	27.25 1.94 -0.24	31.60 2.42 -0.50	27.01 2.07 -0.20	29.81 2.09 -0.33	37.53 2.47 0.00	70.86 4.99 0.00	35.50 2.59 0.00	31.30 2.46 0.00	27.15 2.12 -0.03	22.24 1.62 0.00	20.70 1.40 -0.87
NARROWS_GT1_3 24230	20.10 1.12 0.00	19.75 1.07 0.00	19.85 1.06 0.00	19.84 1.12 0.00	20.07 1.19 0.00	21.84 1.46 -0.10	23.66 1.69 0.00	29.15 2.15 0.00	24.13 1.67 0.00	23.51 1.63 0.00	25.68 1.80 -0.16	27.23 1.98 -0.25	26.62 1.97 -0.23	27.25 1.94 -0.24	31.60 2.42 -0.50	27.01 2.07 -0.20	29.81 2.09 -0.33	37.53 2.47 0.00	70.86 4.99 0.00	35.50 2.59 0.00	31.30 2.46 0.00	27.15 2.12 -0.03	22.24 1.62 0.00	20.70 1.40 -0.87
NARROWS_GT1_4 24231	20.10 1.12 0.00	19.75 1.07 0.00	19.85 1.06 0.00	19.84 1.12 0.00	20.07 1.19 0.00	21.84 1.46 -0.10	23.66 1.69 0.00	29.15 2.15 0.00	24.13 1.67 0.00	23.51 1.63 0.00	25.68 1.80 -0.16	27.23 1.98 -0.25	26.62 1.97 -0.23	27.25 1.94 -0.24	31.60 2.42 -0.50	27.01 2.07 -0.20	29.81 2.09 -0.33	37.53 2.47 0.00	70.86 4.99 0.00	35.50 2.59 0.00	31.30 2.46 0.00	27.15 2.12 -0.03	22.24 1.62 0.00	20.70 1.40 -0.87
NARROWS_GT1_5 24232	20.10 1.12 0.00	19.75 1.07 0.00	19.85 1.06 0.00	19.84 1.12 0.00	20.07 1.19 0.00	21.84 1.46 -0.10	23.66 1.69 0.00	29.15 2.15 0.00	24.13 1.67 0.00	23.51 1.63 0.00	25.68 1.80 -0.16	27.23 1.98 -0.25	26.62 1.97 -0.23	27.25 1.94 -0.24	31.60 2.42 -0.50	27.01 2.07 -0.20	29.81 2.09 -0.33	37.53 2.47 0.00	70.86 4.99 0.00	35.50 2.59 0.00	31.30 2.46 0.00	27.15 2.12 -0.03	22.24 1.62 0.00	20.70 1.40 -0.87
NARROWS_GT1_6 24233	20.10 1.12 0.00	19.75 1.07 0.00	19.85 1.06 0.00	19.84 1.12 0.00	20.07 1.19 0.00	21.84 1.46 -0.10	23.66 1.69 0.00	29.15 2.15 0.00	24.13 1.67 0.00	23.51 1.63 0.00	25.68 1.80 -0.16	27.23 1.98 -0.25	26.62 1.97 -0.23	27.25 1.94 -0.24	31.60 2.42 -0.50	27.01 2.07 -0.20	29.81 2.09 -0.33	37.53 2.47 0.00	70.86 4.99 0.00	35.50 2.59 0.00	31.30 2.46 0.00	27.15 2.12 -0.03	22.24 1.62 0.00	20.70 1.40 -0.87
NARROWS_GT1_7 24234	20.10 1.12 0.00	19.75 1.07 0.00	19.85 1.06 0.00	19.84 1.12 0.00	20.07 1.19 0.00	21.84 1.46 -0.10	23.66 1.69 0.00	29.15 2.15 0.00	24.13 1.67 0.00	23.51 1.63 0.00	25.68 1.80 -0.16	27.23 1.98 -0.25	26.62 1.97 -0.23	27.25 1.94 -0.24	31.60 2.42 -0.50	27.01 2.07 -0.20	29.81 2.09 -0.33	37.53 2.47 0.00	70.86 4.99 0.00	35.50 2.59 0.00	31.30 2.46 0.00	27.15 2.12 -0.03	22.24 1.62 0.00	20.70 1.40 -0.87
NARROWS_GT1_8 24235	20.10 1.12 0.00	19.75 1.07 0.00	19.85 1.06 0.00	19.84 1.12 0.00	20.07 1.19 0.00	21.84 1.46 -0.10	23.66 1.69 0.00	29.15 2.15 0.00	24.13 1.67 0.00	23.51 1.63 0.00	25.68 1.80 -0.16	27.23 1.98 -0.25	26.62 1.97 -0.23	27.25 1.94 -0.24	31.60 2.42 -0.50	27.01 2.07 -0.20	29.81 2.09 -0.33	37.53 2.47 0.00	70.86 4.99 0.00	35.50 2.59 0.00	31.30 2.46 0.00	27.15 2.12 -0.03	22.24 1.62 0.00	20.70 1.40 -0.87
NARROWS_GT2_1 24236	20.10 1.12 0.00	19.75 1.07 0.00	19.85 1.06 0.00	19.84 1.12 0.00	20.07 1.19 0.00	21.84 1.46 -0.10	23.66 1.69 0.00	29.15 2.15 0.00	24.13 1.67 0.00	23.51 1.63 0.00	25.68 1.80 -0.16	27.23 1.98 -0.25	26.62 1.97 -0.23	27.25 1.94 -0.24	31.60 2.42 -0.50	27.01 2.07 -0.20	29.81 2.09 -0.33	37.53 2.47 0.00	70.86 4.99 0.00	35.50 2.59 0.00	31.30 2.46 0.00	27.15 2.12 -0.03	22.24 1.62 0.00	20.70 1.40 -0.87
NARROWS_GT2_2 24237	20.10 1.12 0.00	19.75 1.07 0.00	19.85 1.06 0.00	19.84 1.12 0.00	20.07 1.19 0.00	21.84 1.46 -0.10	23.66 1.69 0.00	29.15 2.15 0.00	24.13 1.67 0.00	23.51 1.63 0.00	25.68 1.80 -0.16	27.23 1.98 -0.25	26.62 1.97 -0.23	27.25 1.94 -0.24	31.60 2.42 -0.50	27.01 2.07 -0.20	29.81 2.09 -0.33	37.53 2.47 0.00	70.86 4.99 0.00	35.50 2.59 0.00	31.30 2.46 0.00	27.15 2.12 -0.03	22.24 1.62 0.00	20.70 1.40 -0.87

NARROWS_GT2_3 24238	20.10 1.12 0.00	19.75 1.07 0.00	19.85 1.06 0.00	19.84 1.12 0.00	20.07 1.19 0.00	21.84 1.46 -0.10	23.66 1.69 0.00	29.15 2.15 0.00	24.13 1.67 0.00	23.51 1.63 0.00	25.68 1.80 -0.16	27.23 1.98 -0.25	26.62 1.97 -0.23	27.25 1.94 -0.24	31.60 2.42 -0.50	27.01 2.07 -0.20	29.81 2.09 -0.33	37.53 2.47 0.00	70.86 4.99 0.00	35.50 2.59 0.00	31.30 2.46 0.00	27.15 2.12 -0.03	22.24 1.62 0.00	20.70 1.40 -0.87
NARROWS_GT2_4 24239	20.10 1.12 0.00	19.75 1.07 0.00	19.85 1.06 0.00	19.84 1.12 0.00	20.07 1.19 0.00	21.84 1.46 -0.10	23.66 1.69 0.00	29.15 2.15 0.00	24.13 1.67 0.00	23.51 1.63 0.00	25.68 1.80 -0.16	27.23 1.98 -0.25	26.62 1.97 -0.23	27.25 1.94 -0.24	31.60 2.42 -0.50	27.01 2.07 -0.20	29.81 2.09 -0.33	37.53 2.47 0.00	70.86 4.99 0.00	35.50 2.59 0.00	31.30 2.46 0.00	27.15 2.12 -0.03	22.24 1.62 0.00	20.70 1.40 -0.87
NARROWS_GT2_5 24240	20.10 1.12 0.00	19.75 1.07 0.00	19.85 1.06 0.00	19.84 1.12 0.00	20.07 1.19 0.00	21.84 1.46 -0.10	23.66 1.69 0.00	29.15 2.15 0.00	24.13 1.67 0.00	23.51 1.63 0.00	25.68 1.80 -0.16	27.23 1.98 -0.25	26.62 1.97 -0.23	27.25 1.94 -0.24	31.60 2.42 -0.50	27.01 2.07 -0.20	29.81 2.09 -0.33	37.53 2.47 0.00	70.86 4.99 0.00	35.50 2.59 0.00	31.30 2.46 0.00	27.15 2.12 -0.03	22.24 1.62 0.00	20.70 1.40 -0.87
NARROWS_GT2_6 24241	20.10 1.12 0.00	19.75 1.07 0.00	19.85 1.06 0.00	19.84 1.12 0.00	20.07 1.19 0.00	21.84 1.46 -0.10	23.66 1.69 0.00	29.15 2.15 0.00	24.13 1.67 0.00	23.51 1.63 0.00	25.68 1.80 -0.16	27.23 1.98 -0.25	26.62 1.97 -0.23	27.25 1.94 -0.24	31.60 2.42 -0.50	27.01 2.07 -0.20	29.81 2.09 -0.33	37.53 2.47 0.00	70.86 4.99 0.00	35.50 2.59 0.00	31.30 2.46 0.00	27.15 2.12 -0.03	22.24 1.62 0.00	20.70 1.40 -0.87
NARROWS_GT2_7 24242	20.10 1.12 0.00	19.75 1.07 0.00	19.85 1.06 0.00	19.84 1.12 0.00	20.07 1.19 0.00	21.84 1.46 -0.10	23.66 1.69 0.00	29.15 2.15 0.00	24.13 1.67 0.00	23.51 1.63 0.00	25.68 1.80 -0.16	27.23 1.98 -0.25	26.62 1.97 -0.23	27.25 1.94 -0.24	31.60 2.42 -0.50	27.01 2.07 -0.20	29.81 2.09 -0.33	37.53 2.47 0.00	70.86 4.99 0.00	35.50 2.59 0.00	31.30 2.46 0.00	27.15 2.12 -0.03	22.24 1.62 0.00	20.70 1.40 -0.87
NARROWS_GT2_8 24243	20.10 1.12 0.00	19.75 1.07 0.00	19.85 1.06 0.00	19.84 1.12 0.00	20.07 1.19 0.00	21.84 1.46 -0.10	23.66 1.69 0.00	29.15 2.15 0.00	24.13 1.67 0.00	23.51 1.63 0.00	25.68 1.80 -0.16	27.23 1.98 -0.25	26.62 1.97 -0.23	27.25 1.94 -0.24	31.60 2.42 -0.50	27.01 2.07 -0.20	29.81 2.09 -0.33	37.53 2.47 0.00	70.86 4.99 0.00	35.50 2.59 0.00	31.30 2.46 0.00	27.15 2.12 -0.03	22.24 1.62 0.00	20.70 1.40 -0.87
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	19.76 0.78 0.00	19.43 0.76 0.00	19.54 0.75 0.00	19.52 0.80 0.00	19.71 0.83 0.00	21.44 1.04 -0.12	23.18 1.21 0.00	28.65 1.66 0.00	23.81 1.35 0.00	22.88 1.00 0.00	24.83 1.18 0.07	26.02 1.13 0.11	25.26 0.95 0.10	25.96 0.99 0.11	29.78 1.33 0.22	25.83 1.17 0.09	28.52 1.27 0.15	36.81 1.74 0.00	69.58 3.71 0.00	34.76 1.84 0.00	30.45 1.61 0.00	26.34 1.30 -0.03	21.65 1.03 0.00	20.30 0.87 -1.00
NCHELSEA_115KV_TR2 355582	20.02 1.03 0.00	19.66 0.99 0.00	19.75 0.95 0.00	19.73 1.01 0.00	19.96 1.08 0.00	21.67 1.29 -0.10	23.49 1.53 0.00	28.97 1.97 0.00	24.03 1.57 0.00	23.30 1.43 0.00	25.38 1.55 -0.12	26.88 1.69 -0.19	26.27 1.69 -0.17	26.92 1.67 -0.18	31.14 2.09 -0.37	26.69 1.80 -0.15	29.50 1.86 -0.24	37.39 2.32 0.00	70.62 4.74 0.00	35.35 2.43 0.00	31.03 2.19 0.00	26.88 1.85 -0.03	22.07 1.45 0.00	20.55 1.26 -0.87
NEG CAPITAL___MECHNVIL 23645	19.87 0.88 0.00	19.52 0.84 0.00	19.60 0.81 0.00	19.60 0.87 0.00	19.90 1.03 0.00	21.59 1.19 -0.13	23.33 1.37 0.00	28.71 1.72 0.00	23.89 1.43 0.00	23.14 1.27 0.00	24.85 1.31 0.16	26.15 1.40 0.26	25.57 1.39 0.24	26.23 1.41 0.25	29.89 1.72 0.51	26.00 1.46 0.20	28.55 1.48 0.33	37.00 1.93 0.00	69.82 3.94 0.00	34.88 1.96 0.00	30.56 1.72 0.00	26.46 1.42 -0.03	21.75 1.13 0.00	20.48 0.97 -1.08
NEG CENTRAL_HIGH_ACRES 23767	18.42 -0.56 0.00	18.04 -0.64 0.00	18.17 -0.62 0.00	18.06 -0.66 0.00	18.18 -0.70 0.00	19.63 -0.66 -0.03	21.24 -0.73 0.00	25.98 -1.02 0.00	21.75 -0.71 0.00	21.27 -0.61 0.00	23.11 -0.60 0.00	24.37 -0.63 0.00	23.63 -0.78 0.00	24.48 -0.60 0.00	27.82 -0.86 0.00	24.05 -0.69 0.00	26.71 -0.69 0.00	34.25 -0.82 0.00	64.18 -1.70 0.00	32.21 -0.72 0.00	28.17 -0.67 0.00	24.25 -0.77 -0.01	19.98 -0.64 0.00	18.02 -0.63 -0.21
NEG CENTRAL___DRP 24199	19.16 0.17 0.00	18.75 0.07 0.00	18.83 0.04 0.00	18.76 0.04 0.00	18.93 0.06 0.00	20.45 0.14 -0.03	22.27 0.24 -0.06	27.20 0.20 0.00	22.68 0.22 0.00	22.12 0.24 0.00	24.00 0.29 0.00	25.25 0.25 0.00	24.52 0.10 0.00	25.33 0.25 0.00	28.86 0.18 0.00	24.97 0.22 0.00	27.64 0.24 0.00	35.45 0.38 0.00	66.46 0.58 0.00	33.29 0.38 0.00	29.15 0.31 0.00	25.21 0.13 -0.07	20.67 0.05 0.00	18.63 -0.02 -0.23
NEG CENTRAL___INDECK 23768	18.93 -0.05 0.00	18.51 -0.17 0.00	18.90 0.11 0.00	18.75 0.03 0.00	18.86 -0.02 0.00	20.45 0.15 -0.03	22.83 0.26 -0.60	27.22 0.21 -0.02	22.89 0.43 0.00	22.11 0.24 0.00	23.99 0.28 0.00	25.26 0.26 0.00	24.46 0.05 0.00	25.40 0.32 0.00	28.72 0.04 0.00	24.89 0.14 0.00	27.69 0.30 0.00	35.70 0.64 0.00	67.24 1.36 0.00	33.61 0.69 0.00	29.33 0.49 0.00	25.89 0.15 -0.73	20.70 0.08 0.00	18.66 -0.02 -0.26
NEG CENTRAL___SENECA 23627	19.21 0.23 0.00	18.77 0.09 0.00	18.86 0.07 0.00	18.78 0.06 0.00	18.94 0.07 0.00	20.50 0.20 -0.03	22.36 0.31 -0.09	27.19 0.19 0.00	22.72 0.26 0.00	22.19 0.31 0.00	24.09 0.38 0.00	25.30 0.30 0.00	24.52 0.11 0.00	25.35 0.28 0.00	28.83 0.15 0.00	24.98 0.24 0.00	27.65 0.26 0.00	35.45 0.39 0.00	66.46 0.59 0.00	33.27 0.35 0.00	29.11 0.27 0.00	25.19 0.07 -0.12	20.63 0.01 0.00	18.61 -0.06 -0.24
NEG CENTRAL___STATE_STREET 24147	19.25 0.26 0.00	18.91 0.24 0.00	18.96 0.16 0.00	18.95 0.23 0.00	19.11 0.24 0.00	20.56 0.26 -0.03	22.46 0.46 -0.03	27.72 0.72 0.00	23.03 0.57 0.00	22.37 0.50 0.00	24.27 0.56 0.00	25.56 0.56 0.00	24.91 0.50 0.00	25.71 0.64 0.00	29.43 0.76 0.00	25.39 0.64 0.00	28.06 0.66 0.00	36.01 0.94 0.00	67.35 1.48 0.00	33.81 0.89 0.00	29.64 0.80 0.00	25.53 0.49 -0.04	20.99 0.37 0.00	18.87 0.21 -0.22
NEG MILLWOOD___DRP 24198	20.07 1.08 0.00	19.71 1.03 0.00	19.80 1.00 0.00	19.78 1.05 0.00	20.01 1.13 0.00	21.74 1.37 -0.10	23.57 1.61 0.00	29.04 2.05 0.00	24.05 1.59 0.00	23.37 1.49 0.00	25.48 1.63 -0.14	26.96 1.75 -0.21	26.37 1.77 -0.20	27.01 1.73 -0.20	31.27 2.17 -0.42	26.77 1.86 -0.17	29.59 1.92 -0.27	37.46 2.40 0.00	70.82 4.94 0.00	35.45 2.53 0.00	31.11 2.28 0.00	26.95 1.92 -0.03	22.13 1.51 0.00	20.61 1.31 -0.88

NEG NORTH_FLCN_SEA 23793	19.46 0.48 0.00	19.56 0.89 0.00	19.61 0.81 0.00	19.43 0.71 0.00	19.40 0.53 0.00	20.59 0.31 0.00	22.00 0.04 0.00	26.70 -0.29 0.00	22.75 0.29 0.00	22.03 0.15 0.00	23.86 0.15 0.00	25.27 0.27 0.00	24.78 0.36 0.00	25.50 0.43 0.00	29.13 0.45 0.00	25.07 0.33 0.00	27.87 0.48 0.00	35.80 0.73 0.00	67.90 2.03 0.00	33.48 0.55 0.00	29.13 0.29 0.00	25.21 0.20 0.00	20.96 0.34 0.00	19.02 0.59 0.00
NEG NORTH_KES_CHATEGAY 23792	19.32 0.33 0.00	19.29 0.61 0.00	19.36 0.57 0.00	19.18 0.45 0.00	19.18 0.30 0.00	20.43 0.16 0.00	21.93 -0.04 0.00	26.83 -0.17 0.00	22.67 0.21 0.00	21.99 0.11 0.00	23.78 0.07 0.00	25.20 0.20 0.00	24.71 0.30 0.00	25.41 0.34 0.00	28.98 0.30 0.00	24.99 0.25 0.00	27.79 0.39 0.00	35.64 0.57 0.00	67.02 1.14 0.00	33.02 0.10 0.00	28.79 -0.05 0.00	24.88 -0.13 0.00	20.71 0.09 0.00	18.78 0.35 0.00
NEG NORTH___ALICE_FALLS 23915	19.48 0.50 0.00	19.55 0.87 0.00	19.60 0.81 0.00	19.43 0.70 0.00	19.41 0.54 0.00	20.64 0.37 0.00	22.12 0.15 0.00	26.92 -0.08 0.00	22.89 0.43 0.00	22.16 0.29 0.00	24.01 0.30 0.00	25.42 0.42 0.00	24.92 0.51 0.00	25.63 0.56 0.00	29.23 0.55 0.00	25.18 0.43 0.00	27.99 0.60 0.00	35.95 0.88 0.00	68.00 2.13 0.00	33.51 0.59 0.00	29.17 0.33 0.00	25.22 0.21 0.00	20.96 0.34 0.00	19.02 0.59 0.00
NEG NORTH___LWR_SARANAC 23913	19.48 0.50 0.00	19.55 0.87 0.00	19.60 0.81 0.00	19.43 0.70 0.00	19.41 0.54 0.00	20.64 0.37 0.00	22.12 0.15 0.00	26.92 -0.08 0.00	22.89 0.43 0.00	22.16 0.29 0.00	24.01 0.30 0.00	25.42 0.42 0.00	24.92 0.51 0.00	25.63 0.56 0.00	29.23 0.55 0.00	25.18 0.43 0.00	27.99 0.60 0.00	35.95 0.88 0.00	68.00 2.13 0.00	33.51 0.59 0.00	29.17 0.33 0.00	25.22 0.21 0.00	20.96 0.34 0.00	19.02 0.59 0.00
NEG NORTH___PLATTSBURG 23628	19.48 0.50 0.00	19.55 0.87 0.00	19.60 0.81 0.00	19.42 0.70 0.00	19.41 0.54 0.00	20.64 0.36 0.00	22.12 0.15 0.00	26.91 -0.08 0.00	22.89 0.43 0.00	22.17 0.29 0.00	24.01 0.30 0.00	25.43 0.43 0.00	24.92 0.51 0.00	25.63 0.56 0.00	29.23 0.55 0.00	25.18 0.43 0.00	27.99 0.60 0.00	35.95 0.88 0.00	67.99 2.11 0.00	33.51 0.59 0.00	29.17 0.33 0.00	25.24 0.22 0.00	20.97 0.35 0.00	19.02 0.58 0.00
NEG WEST_LEA_LOCKPORT 23791	18.40 -0.59 0.00	17.95 -0.72 0.00	18.14 -0.66 0.00	17.95 -0.77 0.00	18.02 -0.86 0.00	19.44 -0.86 -0.03	20.77 -1.07 0.12	25.42 -1.57 0.00	21.62 -0.84 0.00	21.28 -0.59 0.00	23.18 -0.53 0.00	24.50 -0.50 0.00	23.63 -0.78 0.00	24.58 -0.49 0.00	27.65 -1.03 0.00	23.97 -0.78 0.00	26.69 -0.71 0.00	34.02 -1.05 0.00	63.61 -2.27 0.00	32.07 -0.85 0.00	28.04 -0.80 0.00	23.84 -1.04 0.14	19.85 -0.77 0.00	17.91 -0.76 -0.23
NEG WEST___LANCASTR 23811	19.02 0.04 0.00	18.56 -0.11 0.00	18.73 -0.07 0.00	18.56 -0.16 0.00	18.67 -0.20 0.00	20.18 -0.13 -0.03	21.62 -0.19 0.15	26.54 -0.45 0.00	22.42 -0.04 0.00	22.08 0.20 0.00	24.09 0.38 0.00	25.47 0.47 0.00	24.56 0.15 0.00	25.54 0.47 0.00	28.84 0.16 0.00	24.95 0.20 0.00	27.73 0.33 0.00	35.36 0.29 0.00	65.91 0.03 0.00	33.14 0.22 0.00	28.96 0.12 0.00	24.65 -0.18 0.18	20.51 -0.11 0.00	18.50 -0.19 -0.26
NEG_PENN_ALLEGHNY 23528	19.36 0.37 0.00	18.94 0.26 0.00	19.03 0.24 0.00	18.95 0.23 0.00	19.14 0.27 0.00	20.67 0.35 -0.05	22.43 0.46 0.00	27.53 0.53 0.00	22.93 0.47 0.00	22.34 0.46 0.00	24.24 0.52 0.00	25.58 0.58 0.00	24.91 0.50 0.00	25.70 0.63 0.00	29.34 0.66 0.00	25.34 0.59 0.00	28.02 0.63 0.00	35.79 0.72 0.00	67.13 1.26 0.00	33.63 0.71 0.00	29.47 0.64 0.00	25.47 0.45 -0.01	20.94 0.32 0.00	19.06 0.24 -0.39
NEG___GEN_MONROE 24207	18.84 -0.15 0.00	18.43 -0.24 0.00	18.61 -0.18 0.00	18.47 -0.25 0.00	18.54 -0.33 0.00	20.08 -0.21 -0.03	21.71 -0.25 0.00	26.53 -0.46 0.00	22.36 -0.09 0.00	21.83 -0.05 0.00	23.68 -0.03 0.00	25.01 0.01 0.00	24.18 -0.24 0.00	25.14 0.06 0.00	28.47 -0.21 0.00	24.62 -0.12 0.00	27.41 0.01 0.00	35.13 0.07 0.00	65.83 -0.04 0.00	33.12 0.20 0.00	28.96 0.12 0.00	24.86 -0.16 -0.01	20.47 -0.14 0.00	18.41 -0.23 -0.22
NEPA___ENERGY 23901	19.00 0.01 0.00	18.52 -0.15 0.00	18.63 -0.16 0.00	18.50 -0.23 0.00	18.65 -0.23 0.00	20.15 -0.15 -0.03	21.66 -0.14 0.16	26.66 -0.33 0.00	22.50 0.04 0.00	22.08 0.20 0.00	24.09 0.37 0.00	25.47 0.47 0.00	24.62 0.21 0.00	25.70 0.63 0.00	29.04 0.36 0.00	25.14 0.39 0.00	27.81 0.42 0.00	35.36 0.30 0.00	65.72 -0.15 0.00	33.09 0.17 0.00	28.91 0.07 0.00	24.58 -0.24 0.19	20.44 -0.18 0.00	18.42 -0.27 -0.26
NEVERSINK___HYD 23608	20.22 1.24 0.00	19.84 1.16 0.00	19.94 1.15 0.00	19.91 1.18 0.00	20.14 1.27 0.00	21.86 1.49 -0.09	23.69 1.72 0.00	29.15 2.15 0.00	24.05 1.59 0.00	23.43 1.55 0.00	25.40 1.61 -0.08	26.94 1.82 -0.12	26.19 1.66 -0.11	26.83 1.64 -0.12	30.87 1.95 -0.24	26.61 1.77 -0.09	29.48 1.93 -0.15	37.54 2.48 0.00	70.84 4.97 0.00	35.55 2.63 0.00	31.21 2.37 0.00	27.04 2.01 -0.02	22.14 1.52 0.00	20.60 1.42 -0.76
NEWKRMKL_115KV_TB1 55635	19.31 0.32 0.00	18.99 0.32 0.00	19.10 0.30 0.00	19.08 0.35 0.00	19.28 0.41 0.00	20.98 0.58 -0.13	22.60 0.63 0.00	27.75 0.75 0.00	23.08 0.62 0.00	22.33 0.45 0.00	24.07 0.52 0.16	25.29 0.54 0.25	24.72 0.54 0.23	25.36 0.53 0.24	28.93 0.75 0.50	25.15 0.61 0.20	27.70 0.63 0.33	35.88 0.81 0.00	67.63 1.75 0.00	33.80 0.88 0.00	29.63 0.79 0.00	25.68 0.64 -0.03	21.12 0.50 0.00	19.95 0.46 -1.06
NEWTON___FALLS_HYD 23847	18.90 -0.08 0.00	18.62 -0.06 0.00	18.74 -0.05 0.00	18.62 -0.10 0.00	18.66 -0.21 0.00	20.03 -0.25 -0.01	21.57 -0.39 0.00	26.41 -0.58 0.00	21.93 -0.53 0.00	21.37 -0.51 0.00	23.07 -0.64 0.00	24.19 -0.81 0.00	23.82 -0.60 0.00	24.39 -0.68 0.00	27.73 -0.95 0.00	23.89 -0.86 0.00	26.61 -0.79 0.00	34.39 -0.68 0.00	64.65 -1.23 0.00	32.10 -0.82 0.00	27.86 -0.97 0.00	24.12 -0.89 0.00	20.01 -0.61 0.00	17.95 -0.53 -0.05
NGRID_A1_DSASP 323792	18.05 -0.94 0.00	17.63 -1.05 0.00	17.80 -0.99 0.00	17.62 -1.10 0.00	17.67 -1.20 0.00	19.06 -1.24 -0.03	20.28 -1.53 0.15	24.70 -2.29 0.01	20.91 -1.55 0.00	20.68 -1.20 0.00	22.66 -1.05 0.00	23.86 -1.14 0.00	22.96 -1.46 0.00	23.98 -1.10 0.00	26.94 -1.73 0.00	23.51 -1.24 0.00	26.15 -1.25 0.00	33.30 -1.77 0.00	62.13 -3.75 0.00	31.33 -1.60 0.00	27.27 -1.57 0.00	23.24 -1.60 0.17	19.43 -1.19 0.00	17.56 -1.11 -0.24
NGRID_A2_DSASP 323793	18.05 -0.94 0.00	17.63 -1.05 0.00	17.80 -0.99 0.00	17.62 -1.10 0.00	17.67 -1.20 0.00	19.06 -1.24 -0.03	20.28 -1.53 0.15	24.70 -2.29 0.01	20.91 -1.55 0.00	20.68 -1.20 0.00	22.66 -1.05 0.00	23.86 -1.14 0.00	22.96 -1.46 0.00	23.98 -1.10 0.00	26.94 -1.73 0.00	23.51 -1.24 0.00	26.15 -1.25 0.00	33.30 -1.77 0.00	62.13 -3.75 0.00	31.33 -1.60 0.00	27.27 -1.57 0.00	23.24 -1.60 0.17	19.43 -1.19 0.00	17.56 -1.11 -0.24

NGRID_A4_DSASP 323807	18.05 -0.94 0.00	17.63 -1.05 0.00	17.80 -0.99 0.00	17.62 -1.10 0.00	17.67 -1.20 0.00	19.06 -1.24 -0.03	20.28 -1.53 0.15	24.70 -2.29 0.01	20.91 -1.55 0.00	20.68 -1.20 0.00	22.66 -1.05 0.00	23.86 -1.14 0.00	22.96 -1.46 0.00	23.98 -1.10 0.00	26.94 -1.73 0.00	23.51 -1.24 0.00	26.15 -1.25 0.00	33.30 -1.77 0.00	62.13 -3.75 0.00	31.33 -1.60 0.00	27.27 -1.57 0.00	23.24 -1.60 0.17	19.43 -1.19 0.00	17.56 -1.11 -0.24
NIAGARA_115E_LBMP 323715	18.03 -0.95 0.00	17.60 -1.08 0.00	17.78 -1.01 0.00	17.61 -1.12 0.00	17.66 -1.22 0.00	19.04 -1.26 -0.03	20.27 -1.55 0.14	24.79 -2.20 0.00	21.13 -1.33 0.00	20.78 -1.10 0.00	22.69 -1.02 0.00	23.97 -1.03 0.00	23.08 -1.34 0.00	24.08 -0.99 0.00	27.08 -1.60 0.00	23.48 -1.27 0.00	26.12 -1.27 0.00	33.25 -1.82 0.00	62.07 -3.80 0.00	31.31 -1.61 0.00	27.42 -1.42 0.00	23.26 -1.59 0.16	19.42 -1.20 0.00	17.55 -1.12 -0.24
NIAGARA_115W_LBMP 323714	18.01 -0.97 0.00	17.59 -1.09 0.00	17.77 -1.03 0.00	17.59 -1.13 0.00	17.64 -1.24 0.00	19.02 -1.28 -0.03	20.24 -1.58 0.15	24.63 -2.36 0.01	20.86 -1.60 0.00	20.62 -1.25 0.00	22.60 -1.11 0.00	23.80 -1.21 0.00	22.90 -1.52 0.00	23.91 -1.16 0.00	26.89 -1.80 0.00	23.46 -1.29 0.00	26.09 -1.31 0.00	33.23 -1.84 0.00	61.98 -3.89 0.00	31.25 -1.67 0.00	27.20 -1.64 0.00	23.19 -1.65 0.17	19.39 -1.23 0.00	17.53 -1.14 -0.24
NIAGARA_230_LBMP 323716	18.17 -0.81 0.00	17.75 -0.93 0.00	17.92 -0.87 0.00	17.75 -0.98 0.00	17.80 -1.08 0.00	19.21 -1.09 -0.03	20.46 -1.36 0.14	25.00 -1.99 0.00	21.19 -1.27 0.00	20.91 -0.97 0.00	22.87 -0.85 0.00	24.14 -0.86 0.00	23.24 -1.18 0.00	24.23 -0.84 0.00	27.28 -1.39 0.00	23.67 -1.08 0.00	26.33 -1.06 0.00	33.56 -1.50 0.00	62.59 -3.28 0.00	31.55 -1.37 0.00	27.59 -1.25 0.00	23.44 -1.41 0.16	19.57 -1.05 0.00	17.69 -0.98 -0.24
NIAGARA__115KV_198_GIBSON 55903	18.01 -0.97 0.00	17.59 -1.09 0.00	17.77 -1.03 0.00	17.59 -1.14 0.00	17.64 -1.24 0.00	19.01 -1.29 -0.03	20.23 -1.59 0.15	24.63 -2.36 0.01	20.86 -1.60 0.00	20.65 -1.23 0.00	22.60 -1.11 0.00	23.84 -1.16 0.00	22.93 -1.48 0.00	23.92 -1.16 0.00	26.89 -1.79 0.00	23.46 -1.29 0.00	26.10 -1.30 0.00	33.23 -1.84 0.00	62.03 -3.84 0.00	31.26 -1.66 0.00	27.19 -1.64 0.00	23.23 -1.61 0.17	19.40 -1.22 0.00	17.53 -1.14 -0.24
NIAGARA____ 23760	18.17 -0.81 0.00	17.75 -0.93 0.00	17.92 -0.87 0.00	17.75 -0.98 0.00	17.80 -1.08 0.00	19.21 -1.09 -0.03	20.46 -1.36 0.14	25.00 -1.99 0.00	21.19 -1.27 0.00	20.91 -0.97 0.00	22.87 -0.85 0.00	24.14 -0.86 0.00	23.24 -1.18 0.00	24.23 -0.84 0.00	27.28 -1.39 0.00	23.67 -1.08 0.00	26.33 -1.06 0.00	33.56 -1.50 0.00	62.59 -3.28 0.00	31.55 -1.37 0.00	27.59 -1.25 0.00	23.44 -1.41 0.16	19.57 -1.05 0.00	17.69 -0.98 -0.24
NINE_MILE_1 23575	18.51 -0.47 0.00	18.18 -0.50 0.00	18.29 -0.50 0.00	18.22 -0.51 0.00	18.36 -0.52 0.00	19.72 -0.57 -0.02	21.32 -0.64 0.00	26.16 -0.83 0.00	21.80 -0.66 0.00	21.25 -0.62 0.00	23.03 -0.68 0.00	24.29 -0.71 0.00	23.68 -0.73 0.00	24.36 -0.71 0.00	27.83 -0.85 0.00	24.03 -0.72 0.00	26.61 -0.79 0.00	34.07 -1.00 0.00	63.94 -1.93 0.00	32.00 -0.92 0.00	28.06 -0.78 0.00	24.38 -0.63 0.00	20.10 -0.52 0.00	18.08 -0.49 -0.13
NINE_MILE_2 23744	18.51 -0.47 0.00	18.18 -0.50 0.00	18.29 -0.50 0.00	18.22 -0.51 0.00	18.36 -0.52 0.00	19.72 -0.57 -0.02	21.32 -0.64 0.00	26.17 -0.83 0.00	21.80 -0.66 0.00	21.25 -0.62 0.00	23.03 -0.68 0.00	24.29 -0.71 0.00	23.68 -0.73 0.00	24.36 -0.71 0.00	27.83 -0.85 0.00	24.03 -0.72 0.00	26.61 -0.79 0.00	34.07 -1.00 0.00	63.94 -1.93 0.00	32.00 -0.92 0.00	28.06 -0.78 0.00	24.39 -0.63 0.00	20.10 -0.52 0.00	18.08 -0.49 -0.13
NM_CAPITAL____DRP 24208	19.36 0.38 0.00	19.05 0.37 0.00	19.14 0.35 0.00	19.13 0.41 0.00	19.34 0.46 0.00	21.03 0.63 -0.13	22.66 0.70 0.00	27.81 0.81 0.00	23.11 0.65 0.00	22.36 0.49 0.00	24.10 0.55 0.17	25.32 0.58 0.27	24.75 0.58 0.25	25.40 0.58 0.26	28.96 0.80 0.53	25.18 0.65 0.21	27.72 0.67 0.34	35.93 0.86 0.00	67.74 1.87 0.00	33.85 0.93 0.00	29.68 0.84 0.00	25.72 0.68 -0.03	21.16 0.54 0.00	19.99 0.50 -1.06
NM_CENTRAL____DRP 24181	18.91 -0.07 0.00	18.55 -0.13 0.00	18.66 -0.13 0.00	18.58 -0.14 0.00	18.74 -0.14 0.00	20.17 -0.12 -0.02	21.82 -0.14 0.00	26.79 -0.20 0.00	22.33 -0.13 0.00	21.78 -0.09 0.00	23.63 -0.08 0.00	24.94 -0.06 0.00	24.30 -0.11 0.00	25.03 -0.05 0.00	28.58 -0.10 0.00	24.67 -0.07 0.00	27.33 -0.07 0.00	34.99 -0.08 0.00	65.66 -0.21 0.00	32.88 -0.04 0.00	28.82 -0.02 0.00	24.98 -0.03 -0.01	20.57 -0.05 0.00	18.52 -0.09 -0.18
NM_FRONTIER____DRP 24179	18.01 -0.97 0.00	17.59 -1.09 0.00	17.77 -1.03 0.00	17.59 -1.14 0.00	17.64 -1.24 0.00	19.01 -1.29 -0.03	20.23 -1.59 0.15	24.63 -2.36 0.01	20.86 -1.60 0.00	20.65 -1.23 0.00	22.60 -1.11 0.00	23.84 -1.16 0.00	22.93 -1.48 0.00	23.92 -1.16 0.00	26.89 -1.79 0.00	23.46 -1.29 0.00	26.10 -1.30 0.00	33.23 -1.84 0.00	62.03 -3.84 0.00	31.26 -1.66 0.00	27.19 -1.64 0.00	23.23 -1.61 0.17	19.40 -1.22 0.00	17.53 -1.14 -0.24
NM_ST_REGIS____HYD 24053	19.07 0.09 0.00	18.89 0.21 0.00	18.99 0.20 0.00	18.87 0.15 0.00	18.91 0.04 0.00	20.14 -0.14 0.00	21.54 -0.42 0.00	26.37 -0.63 0.00	22.00 -0.46 0.00	21.47 -0.40 0.00	23.24 -0.47 0.00	24.49 -0.51 0.00	23.99 -0.43 0.00	24.54 -0.53 0.00	27.95 -0.73 0.00	24.15 -0.60 0.00	26.85 -0.54 0.00	34.55 -0.52 0.00	64.97 -0.90 0.00	32.19 -0.73 0.00	28.02 -0.81 0.00	24.34 -0.67 0.00	20.32 -0.30 0.00	18.34 -0.11 -0.03
NORTHPORT____1 23551	20.28 1.30 0.00	19.91 1.24 0.00	19.95 1.16 0.00	19.95 1.23 0.00	20.90 1.40 -0.63	36.42 1.63 -14.52	53.87 1.81 -30.10	28.87 1.88 0.00	23.83 1.37 0.00	23.14 1.26 0.00	25.47 1.60 -0.16	27.41 1.96 -0.45	27.87 2.06 -1.40	27.11 1.80 -0.24	31.31 2.13 -0.50	26.67 1.73 -0.20	29.47 1.75 -0.33	37.13 2.07 0.00	70.57 4.69 0.00	35.27 2.34 0.00	31.16 2.32 0.00	27.19 2.16 -0.03	23.19 1.65 -0.92	20.78 1.47 -0.87
NORTHPORT____2 23552	20.28 1.30 0.00	19.91 1.24 0.00	19.95 1.16 0.00	19.95 1.23 0.00	20.90 1.40 -0.63	36.42 1.63 -14.52	53.87 1.81 -30.10	28.87 1.88 0.00	23.83 1.37 0.00	23.14 1.26 0.00	25.47 1.60 -0.16	27.41 1.96 -0.45	27.87 2.06 -1.40	27.11 1.80 -0.24	31.31 2.13 -0.50	26.67 1.73 -0.20	29.47 1.75 -0.33	37.13 2.07 0.00	70.57 4.69 0.00	35.27 2.34 0.00	31.16 2.32 0.00	27.19 2.16 -0.03	23.19 1.65 -0.92	20.78 1.47 -0.87
NORTHPORT____3 23553	20.24 1.26 0.00	19.88 1.20 0.00	19.91 1.12 0.00	19.93 1.20 0.00	20.86 1.36 -0.63	36.37 1.58 -14.52	53.88 1.82 -30.10	28.94 1.94 0.00	23.88 1.42 0.00	23.17 1.29 0.00	25.45 1.58 -0.16	27.41 1.96 -0.45	27.87 2.06 -1.40	27.12 1.80 -0.24	31.36 2.18 -0.50	26.75 1.80 -0.20	29.56 1.84 -0.33	37.25 2.18 0.00	70.63 4.75 0.00	35.35 2.43 0.00	31.18 2.35 0.00	27.17 2.13 -0.03	23.06 1.64 -0.79	20.74 1.44 -0.87

NORTHPORT___4 23650	20.24 1.26 0.00	19.88 1.20 0.00	19.91 1.12 0.00	19.93 1.20 0.00	20.86 1.36 -0.63	36.37 1.58 -14.52	53.88 1.82 -30.10	28.94 1.94 0.00	23.88 1.42 0.00	23.17 1.29 0.00	25.45 1.58 -0.16	27.41 1.96 -0.45	27.87 2.06 -1.40	27.12 1.80 -0.24	31.36 2.18 -0.50	26.75 1.80 -0.20	29.56 1.84 -0.33	37.25 2.18 0.00	70.63 4.75 0.00	35.35 2.43 0.00	31.18 2.35 0.00	27.17 2.13 -0.03	23.06 1.64 -0.79	20.74 1.44 -0.87
NORTHPORT___IC 23718	20.28 1.30 0.00	19.91 1.24 0.00	19.95 1.16 0.00	19.95 1.23 0.00	20.90 1.40 -0.63	36.42 1.63 -14.52	53.87 1.81 -30.10	28.87 1.88 0.00	23.83 1.37 0.00	23.14 1.26 0.00	25.47 1.60 -0.16	27.41 1.96 -0.45	27.87 2.06 -1.40	27.11 1.80 -0.24	31.31 2.13 -0.50	26.67 1.73 -0.20	29.47 1.75 -0.33	37.13 2.07 0.00	70.57 4.69 0.00	35.27 2.34 0.00	31.16 2.32 0.00	27.19 2.16 -0.03	23.19 1.65 -0.92	20.78 1.47 -0.87
NORTH___COUNTRY_ESR 323785	19.25 0.27 0.00	19.22 0.55 0.00	19.29 0.50 0.00	19.11 0.39 0.00	19.12 0.24 0.00	20.36 0.09 0.00	21.86 -0.10 0.00	26.72 -0.28 0.00	22.59 0.13 0.00	21.91 0.04 0.00	23.70 -0.01 0.00	25.13 0.13 0.00	24.64 0.23 0.00	25.34 0.27 0.00	28.90 0.22 0.00	24.93 0.18 0.00	27.70 0.31 0.00	35.51 0.44 0.00	66.76 0.88 0.00	32.89 -0.03 0.00	28.67 -0.17 0.00	24.80 -0.21 0.00	20.64 0.02 0.00	18.72 0.29 0.00
NPX_GEN_1385_PROXY 323591	20.14 1.16 0.00	19.73 1.05 0.00	19.77 0.98 0.00	19.78 1.06 0.00	20.73 1.22 -0.63	36.35 1.56 -14.52	54.07 1.73 -30.37	30.56 1.18 -2.39	12.73 0.45 10.17	22.54 0.67 0.00	24.87 1.00 -0.16	26.57 1.12 -0.45	27.06 1.25 -1.40	26.14 0.82 -0.24	30.21 1.03 -0.50	25.73 0.78 -0.20	28.55 0.83 -0.33	36.16 1.09 0.00	61.57 2.41 6.71	34.23 1.31 0.00	32.34 1.40 -2.10	26.36 1.32 -0.03	22.43 0.89 -0.92	20.50 1.20 -0.87
NPX_GEN_CSC 323557	20.51 1.53 0.00	20.12 1.44 0.00	20.15 1.36 0.00	20.16 1.43 0.00	21.10 1.60 -0.63	36.64 1.85 -14.52	54.44 2.10 -30.37	31.72 2.34 -2.39	24.26 1.80 0.00	23.40 1.53 0.00	25.67 1.80 -0.16	27.65 2.20 -0.45	28.12 2.31 -1.40	27.14 1.82 -0.24	31.33 2.15 -0.50	26.56 1.61 -0.20	29.41 1.68 -0.33	37.16 2.09 0.00	71.84 5.97 0.00	35.68 2.76 0.00	33.37 2.43 -2.10	27.22 2.18 -0.03	23.30 1.63 -1.05	20.81 1.50 -0.87
NSINS_S_GLNS_FALLS 23858	19.86 0.88 0.00	19.54 0.87 0.00	19.71 0.92 0.00	19.70 0.98 0.00	20.10 1.22 0.00	21.84 1.43 -0.13	23.64 1.67 0.00	29.16 2.17 0.00	24.26 1.80 0.00	23.46 1.59 0.00	25.26 1.70 0.15	26.56 1.80 0.23	25.93 1.73 0.21	26.61 1.76 0.22	30.35 2.14 0.46	26.39 1.83 0.18	28.91 1.82 0.30	37.38 2.32 0.00	70.69 4.81 0.00	35.31 2.39 0.00	30.84 2.00 0.00	26.71 1.67 -0.03	21.94 1.33 0.00	20.62 1.10 -1.08
NUCOR_STEEL___DRP 24197	19.23 0.24 0.00	18.91 0.23 0.00	18.94 0.15 0.00	18.95 0.22 0.00	19.11 0.23 0.00	20.53 0.23 -0.03	22.35 0.38 0.00	27.65 0.65 0.00	22.87 0.41 0.00	22.36 0.49 0.00	24.29 0.58 0.00	25.55 0.55 0.00	24.89 0.48 0.00	25.54 0.47 0.00	29.26 0.59 0.00	25.21 0.47 0.00	27.85 0.46 0.00	35.74 0.67 0.00	66.82 0.94 0.00	33.59 0.67 0.00	29.45 0.61 0.00	25.36 0.34 -0.01	20.90 0.28 0.00	18.86 0.21 -0.22
NUMBER_THREE_WT_PWR 323818	19.12 0.13 0.00	18.76 0.08 0.00	18.90 0.11 0.00	18.80 0.08 0.00	18.90 0.02 0.00	20.43 0.15 -0.01	22.14 0.18 0.00	27.11 0.12 0.00	22.44 -0.02 0.00	21.87 0.00 0.00	23.60 -0.11 0.00	24.67 -0.33 0.00	24.40 -0.02 0.00	24.91 -0.16 0.00	28.28 -0.40 0.00	24.30 -0.45 0.00	27.12 -0.28 0.00	35.10 0.04 0.00	65.62 -0.26 0.00	32.56 -0.36 0.00	28.17 -0.66 0.00	24.30 -0.71 0.00	20.03 -0.59 0.00	17.91 -0.59 -0.07
NYISO_LBMP_REFERENCE 24008	18.98 0.00 0.00	18.68 0.00 0.00	18.79 0.00 0.00	18.72 0.00 0.00	18.88 0.00 0.00	20.27 0.00 0.00	21.96 0.00 0.00	27.00 0.00 0.00	22.46 0.00 0.00	21.87 0.00 0.00	23.71 0.00 0.00	25.00 0.00 0.00	24.41 0.00 0.00	25.08 0.00 0.00	28.68 0.00 0.00	24.74 0.00 0.00	27.40 0.00 0.00	35.07 0.00 0.00	65.87 0.00 0.00	32.92 0.00 0.00	28.84 0.00 0.00	25.01 0.00 0.00	20.62 0.00 0.00	18.43 0.00 0.00
NYPA_BRENTWD___GT 24164	20.55 1.57 0.00	20.16 1.48 0.00	20.19 1.40 0.00	20.20 1.48 0.00	21.15 1.65 -0.63	36.70 1.91 -14.52	54.23 2.17 -30.10	29.41 2.41 0.00	24.27 1.81 0.00	23.55 1.68 0.00	25.87 2.00 -0.16	27.77 2.32 -0.45	28.23 2.42 -1.40	27.49 2.18 -0.24	31.77 2.59 -0.50	27.11 2.17 -0.20	29.98 2.26 -0.33	37.82 2.76 0.00	71.77 5.89 0.00	35.85 2.93 0.00	31.63 2.79 0.00	27.65 2.61 -0.03	23.89 1.98 -1.29	21.06 1.76 -0.87
NYPA_GOWANUS___GT5 24156	20.10 1.12 0.00	19.75 1.07 0.00	19.85 1.06 0.00	19.84 1.12 0.00	20.07 1.19 0.00	21.84 1.46 -0.10	23.66 1.69 0.00	29.15 2.15 0.00	24.13 1.67 0.00	23.51 1.63 0.00	25.68 1.80 -0.16	27.23 1.98 -0.25	26.62 1.97 -0.23	27.25 1.94 -0.24	31.60 2.42 -0.50	27.01 2.07 -0.20	29.81 2.09 -0.33	37.53 2.46 0.00	70.85 4.98 0.00	35.50 2.58 0.00	31.30 2.46 0.00	27.15 2.12 -0.03	22.24 1.62 0.00	20.70 1.40 -0.87
NYPA_GOWANUS___GT6 24157	20.10 1.12 0.00	19.75 1.07 0.00	19.85 1.06 0.00	19.84 1.12 0.00	20.07 1.19 0.00	21.84 1.46 -0.10	23.66 1.69 0.00	29.15 2.15 0.00	24.13 1.67 0.00	23.51 1.63 0.00	25.68 1.80 -0.16	27.23 1.98 -0.25	26.62 1.97 -0.23	27.25 1.94 -0.24	31.60 2.42 -0.50	27.01 2.07 -0.20	29.81 2.09 -0.33	37.53 2.46 0.00	70.85 4.98 0.00	35.50 2.58 0.00	31.30 2.46 0.00	27.15 2.12 -0.03	22.24 1.62 0.00	20.70 1.40 -0.87
NYPA_HARLEM__RVR_GT1 24160	19.98 1.00 0.00	19.66 0.98 0.00	19.70 0.91 0.00	19.71 0.99 0.00	19.92 1.05 0.00	21.68 1.31 -0.10	23.45 1.49 0.00	28.93 1.94 0.00	23.95 1.49 0.00	23.33 1.46 0.00	25.56 1.68 -0.16	27.05 1.80 -0.25	26.45 1.81 -0.23	27.10 1.78 -0.24	31.42 2.24 -0.50	26.85 1.90 -0.20	29.58 1.86 -0.33	37.33 2.26 0.00	70.41 4.53 0.00	35.31 2.39 0.00	31.03 2.19 0.00	26.93 1.90 -0.03	22.06 1.45 0.00	20.57 1.27 -0.87
NYPA_HARLEM__RVR_GT2 24161	19.98 1.00 0.00	19.66 0.98 0.00	19.70 0.91 0.00	19.71 0.99 0.00	19.92 1.05 0.00	21.68 1.31 -0.10	23.45 1.49 0.00	28.93 1.94 0.00	23.95 1.49 0.00	23.33 1.46 0.00	25.56 1.68 -0.16	27.05 1.80 -0.25	26.45 1.81 -0.23	27.10 1.78 -0.24	31.42 2.24 -0.50	26.85 1.90 -0.20	29.58 1.86 -0.33	37.33 2.26 0.00	70.41 4.53 0.00	35.31 2.39 0.00	31.03 2.19 0.00	26.93 1.90 -0.03	22.06 1.45 0.00	20.57 1.27 -0.87
NYPA_KENT___GT 24152	20.06 1.08 0.00	19.70 1.03 0.00	19.79 1.00 0.00	19.78 1.06 0.00	20.00 1.13 0.00	21.78 1.40 -0.10	23.59 1.62 0.00	29.09 2.09 0.00	24.07 1.61 0.00	23.46 1.58 0.00	25.63 1.75 -0.16	27.18 1.92 -0.25	26.57 1.92 -0.23	27.20 1.88 -0.24	31.54 2.36 -0.50	26.96 2.01 -0.20	29.74 2.02 -0.33	37.46 2.39 0.00	70.70 4.83 0.00	35.42 2.50 0.00	31.19 2.35 0.00	27.08 2.04 -0.03	22.18 1.56 0.00	20.66 1.36 -0.87

NYPA_POUCH1____GT 24155	20.13 1.14 0.00	19.77 1.09 0.00	19.87 1.08 0.00	19.86 1.14 0.00	20.09 1.22 0.00	21.86 1.49 -0.10	23.69 1.72 0.00	29.19 2.20 0.00	24.16 1.70 0.00	23.53 1.65 0.00	25.70 1.83 -0.16	27.27 2.01 -0.25	26.64 2.00 -0.23	27.29 1.97 -0.24	31.63 2.46 -0.50	27.04 2.10 -0.20	29.84 2.11 -0.33	37.51 2.45 0.00	70.45 4.97 0.39	35.47 2.57 0.02	31.30 2.46 0.00	27.18 2.14 -0.03	22.26 1.65 0.00	20.73 1.43 -0.87
NYPA_VERNON____GT2 24162	20.02 1.04 0.00	19.66 0.99 0.00	19.73 0.94 0.00	19.72 1.00 0.00	19.95 1.07 0.00	21.72 1.34 -0.10	23.51 1.55 0.00	29.02 2.02 0.00	24.02 1.56 0.00	23.41 1.53 0.00	25.57 1.70 -0.16	27.12 1.87 -0.25	26.52 1.87 -0.23	27.15 1.83 -0.24	31.47 2.29 -0.50	26.90 1.96 -0.20	29.69 1.97 -0.33	37.41 2.35 0.00	70.60 4.73 0.00	35.36 2.44 0.00	31.12 2.28 0.00	27.00 1.97 -0.03	22.13 1.51 0.00	20.61 1.31 -0.87
NYPA_VERNON____GT3 24163	20.02 1.04 0.00	19.66 0.99 0.00	19.73 0.94 0.00	19.72 1.00 0.00	19.95 1.07 0.00	21.72 1.34 -0.10	23.51 1.55 0.00	29.02 2.02 0.00	24.02 1.56 0.00	23.41 1.53 0.00	25.57 1.70 -0.16	27.12 1.87 -0.25	26.52 1.87 -0.23	27.15 1.83 -0.24	31.47 2.29 -0.50	26.90 1.96 -0.20	29.69 1.97 -0.33	37.41 2.35 0.00	70.60 4.73 0.00	35.36 2.44 0.00	31.12 2.28 0.00	27.00 1.97 -0.03	22.13 1.51 0.00	20.61 1.31 -0.87
NYPA____ASTORIA_CC1 323568	19.99 1.00 0.00	19.63 0.95 0.00	19.69 0.90 0.00	19.69 0.97 0.00	19.91 1.04 0.00	21.69 1.31 -0.10	23.47 1.50 0.00	28.97 1.98 0.00	23.98 1.52 0.00	23.36 1.49 0.00	25.53 1.66 -0.16	27.07 1.82 -0.25	26.47 1.82 -0.23	27.10 1.78 -0.24	31.41 2.24 -0.50	26.85 1.91 -0.20	29.63 1.91 -0.33	37.34 2.28 0.00	70.47 4.60 0.00	35.30 2.38 0.00	31.07 2.23 0.00	26.95 1.92 -0.03	22.08 1.46 0.00	20.58 1.28 -0.87
NYPA____ASTORIA_CC2 323569	19.99 1.00 0.00	19.63 0.95 0.00	19.69 0.90 0.00	19.69 0.97 0.00	19.91 1.04 0.00	21.69 1.31 -0.10	23.47 1.50 0.00	28.97 1.98 0.00	23.98 1.52 0.00	23.36 1.49 0.00	25.53 1.66 -0.16	27.07 1.82 -0.25	26.47 1.82 -0.23	27.10 1.78 -0.24	31.41 2.24 -0.50	26.85 1.91 -0.20	29.63 1.91 -0.33	37.34 2.28 0.00	70.47 4.60 0.00	35.30 2.38 0.00	31.07 2.23 0.00	26.95 1.92 -0.03	22.08 1.46 0.00	20.58 1.28 -0.87
NYPA____HOLTSVILL 23794	20.39 1.41 0.00	20.00 1.33 0.00	20.04 1.25 0.00	20.05 1.32 0.00	20.99 1.48 -0.63	36.51 1.72 -14.52	53.99 1.93 -30.10	29.10 2.10 0.00	24.03 1.58 0.00	23.27 1.39 0.00	25.55 1.68 -0.16	27.52 2.07 -0.45	28.00 2.19 -1.40	27.19 1.87 -0.24	31.41 2.23 -0.50	26.74 1.80 -0.20	29.56 1.83 -0.33	37.30 2.24 0.00	71.29 5.41 0.00	35.59 2.67 0.00	31.36 2.52 0.00	27.32 2.28 -0.03	23.38 1.72 -1.03	20.83 1.53 -0.87
NYPA____HELLGATE_GT1 24158	19.98 1.00 0.00	19.66 0.98 0.00	19.70 0.91 0.00	19.71 0.99 0.00	19.92 1.05 0.00	21.68 1.31 -0.10	23.43 1.47 0.00	28.92 1.92 0.00	23.93 1.47 0.00	23.32 1.44 0.00	25.56 1.68 -0.16	27.05 1.80 -0.25	26.46 1.81 -0.23	27.10 1.78 -0.24	31.42 2.24 -0.50	26.85 1.90 -0.20	29.58 1.86 -0.33	37.30 2.23 0.00	70.34 4.47 0.00	35.29 2.37 0.00	31.01 2.17 0.00	26.93 1.90 -0.03	22.06 1.45 0.00	20.57 1.27 -0.87
NYPA____HELLGATE_GT2 24159	19.98 1.00 0.00	19.66 0.98 0.00	19.70 0.91 0.00	19.71 0.99 0.00	19.92 1.05 0.00	21.68 1.31 -0.10	23.43 1.47 0.00	28.92 1.92 0.00	23.93 1.47 0.00	23.32 1.44 0.00	25.56 1.68 -0.16	27.05 1.80 -0.25	26.46 1.81 -0.23	27.10 1.78 -0.24	31.42 2.24 -0.50	26.85 1.90 -0.20	29.58 1.86 -0.33	37.30 2.23 0.00	70.34 4.47 0.00	35.29 2.37 0.00	31.01 2.17 0.00	26.93 1.90 -0.03	22.06 1.45 0.00	20.57 1.27 -0.87
NYS_BARGE____HYD 23848	18.38 -0.61 0.00	17.94 -0.74 0.00	18.12 -0.68 0.00	17.94 -0.79 0.00	18.00 -0.88 0.00	19.43 -0.87 -0.03	20.76 -1.09 0.12	25.41 -1.59 0.00	21.60 -0.86 0.00	21.24 -0.63 0.00	23.16 -0.56 0.00	24.44 -0.56 0.00	23.58 -0.83 0.00	24.55 -0.52 0.00	27.62 -1.06 0.00	23.94 -0.81 0.00	26.65 -0.74 0.00	33.99 -1.08 0.00	63.51 -2.36 0.00	32.04 -0.88 0.00	28.02 -0.82 0.00	23.79 -1.08 0.14	19.81 -0.80 0.00	17.89 -0.77 -0.23
OAK ORCHARD____HYD 24046	18.69 -0.29 0.00	18.29 -0.38 0.00	18.45 -0.34 0.00	18.32 -0.41 0.00	18.42 -0.45 0.00	19.89 -0.41 -0.03	21.51 -0.46 0.00	26.32 -0.68 0.00	22.14 -0.32 0.00	21.66 -0.21 0.00	23.55 -0.16 0.00	24.86 -0.15 0.00	24.01 -0.40 0.00	24.95 -0.13 0.00	28.27 -0.41 0.00	24.44 -0.30 0.00	27.19 -0.21 0.00	34.82 -0.24 0.00	65.20 -0.67 0.00	32.78 -0.14 0.00	28.67 -0.16 0.00	24.64 -0.38 -0.01	20.31 -0.31 0.00	18.29 -0.36 -0.21
OAKDALE__35_KV_LOAD 356122	19.30 0.32 0.00	18.89 0.21 0.00	18.99 0.20 0.00	18.91 0.19 0.00	19.10 0.22 0.00	20.61 0.29 -0.05	22.35 0.38 0.00	27.42 0.43 0.00	22.85 0.39 0.00	22.27 0.39 0.00	24.16 0.45 0.00	25.51 0.51 0.00	24.84 0.42 0.00	25.62 0.55 0.00	29.25 0.58 0.00	25.26 0.52 0.00	27.93 0.53 0.00	35.66 0.60 0.00	66.90 1.02 0.00	33.52 0.60 0.00	29.38 0.55 0.00	25.40 0.38 -0.01	20.89 0.27 0.00	19.02 0.20 -0.39
OCC_CHEM____DRP 24175	18.04 -0.94 0.00	17.62 -1.05 0.00	17.80 -0.99 0.00	17.62 -1.10 0.00	17.67 -1.20 0.00	19.05 -1.25 -0.03	20.28 -1.55 0.15	24.69 -2.30 0.01	20.91 -1.55 0.00	20.70 -1.18 0.00	22.66 -1.05 0.00	23.91 -1.10 0.00	22.99 -1.43 0.00	23.98 -1.09 0.00	26.97 -1.71 0.00	23.51 -1.23 0.00	26.15 -1.24 0.00	33.30 -1.77 0.00	62.16 -3.71 0.00	31.33 -1.59 0.00	27.27 -1.57 0.00	23.28 -1.56 0.17	19.44 -1.17 0.00	17.56 -1.10 -0.24
OH_GEN_PROXY 24063	18.21 -0.77 0.00	17.79 -0.89 0.00	34.25 -0.83 -16.29	33.99 -0.94 -16.20	17.85 -1.03 0.00	19.26 -1.04 -0.03	20.83 -1.28 -0.15	27.50 -1.88 -2.38	21.28 -1.19 0.00	20.98 -0.90 0.00	22.95 -0.77 0.00	24.23 -0.77 0.00	23.33 -1.09 0.00	24.32 -0.75 0.00	27.40 -1.28 0.00	23.75 -1.00 0.00	26.42 -0.97 0.00	33.69 -1.38 0.00	62.83 -3.04 0.00	31.66 -1.26 0.00	40.16 -1.15 -12.47	23.54 -1.32 0.15	19.62 -1.00 0.00	17.74 -0.93 -0.24
OLIN_CORP_DRP 24177	18.07 -0.92 0.00	17.63 -1.04 0.00	17.82 -0.97 0.00	17.64 -1.09 0.00	17.69 -1.18 0.00	19.07 -1.23 -0.03	20.30 -1.52 0.14	24.84 -2.15 0.00	21.17 -1.29 0.00	20.84 -1.04 0.00	22.74 -0.97 0.00	24.06 -0.94 0.00	23.15 -1.26 0.00	24.13 -0.94 0.00	27.14 -1.54 0.00	23.53 -1.21 0.00	26.19 -1.21 0.00	33.34 -1.73 0.00	62.24 -3.63 0.00	31.38 -1.54 0.00	27.47 -1.37 0.00	23.32 -1.52 0.17	19.47 -1.15 0.00	17.59 -1.08 -0.24
OLIN_CORP_DSASP 323712	18.05 -0.94 0.00	17.63 -1.05 0.00	17.80 -0.99 0.00	17.62 -1.10 0.00	17.67 -1.20 0.00	19.06 -1.24 -0.03	20.28 -1.53 0.15	24.70 -2.29 0.01	20.91 -1.55 0.00	20.68 -1.20 0.00	22.66 -1.05 0.00	23.86 -1.14 0.00	22.96 -1.46 0.00	23.98 -1.10 0.00	26.94 -1.73 0.00	23.51 -1.24 0.00	26.15 -1.25 0.00	33.30 -1.77 0.00	62.13 -3.75 0.00	31.33 -1.60 0.00	27.27 -1.57 0.00	23.24 -1.60 0.17	19.43 -1.19 0.00	17.56 -1.11 -0.24

ONEIDA_HERK_LFGE 323681	19.35 0.36 0.00	19.00 0.32 0.00	19.12 0.33 0.00	19.03 0.31 0.00	19.16 0.29 0.00	20.69 0.41 -0.01	22.47 0.50 0.00	27.61 0.61 0.00	22.86 0.40 0.00	22.30 0.43 0.00	24.09 0.38 0.00	25.27 0.27 0.00	24.79 0.37 0.00	25.31 0.23 0.00	28.86 0.18 0.00	24.84 0.10 0.00	27.58 0.18 0.00	35.59 0.53 0.00	66.70 0.82 0.00	33.27 0.35 0.00	29.03 0.19 0.00	25.09 0.08 0.00	20.66 0.04 0.00	18.52 0.03 -0.06
ONEIDA___115KV_TB4 55905	19.60 0.61 0.00	19.22 0.54 0.00	19.32 0.53 0.00	19.23 0.51 0.00	19.38 0.50 0.00	20.93 0.65 -0.01	22.80 0.83 0.00	28.05 1.05 0.00	23.29 0.83 0.00	22.71 0.83 0.00	24.45 0.74 0.00	25.72 0.72 0.00	25.14 0.72 0.00	25.68 0.60 0.00	29.25 0.57 0.00	25.18 0.44 0.00	28.07 0.67 0.00	36.17 1.11 0.00	67.32 1.45 0.00	33.76 0.84 0.00	29.67 0.83 0.00	25.67 0.66 0.00	21.11 0.49 0.00	18.94 0.41 -0.09
ONONDAGA_REF_OCCRA 23987	19.09 0.10 0.00	18.71 0.03 0.00	18.81 0.02 0.00	18.73 0.01 0.00	18.89 0.02 0.00	20.35 0.05 -0.02	22.04 0.08 0.00	27.06 0.07 0.00	22.53 0.07 0.00	21.97 0.10 0.00	23.82 0.11 0.00	25.13 0.13 0.00	24.48 0.07 0.00	25.21 0.13 0.00	28.78 0.11 0.00	24.87 0.12 0.00	27.55 0.15 0.00	35.29 0.23 0.00	66.24 0.36 0.00	33.16 0.24 0.00	29.06 0.22 0.00	25.19 0.17 -0.01	20.72 0.10 0.00	18.68 0.05 -0.20
ONONDAGA___COGEN 23986	19.09 0.11 0.00	18.74 0.06 0.00	18.83 0.05 0.00	18.76 0.04 0.00	18.93 0.06 0.00	20.38 0.09 -0.02	22.07 0.10 0.00	27.08 0.09 0.00	22.54 0.08 0.00	21.98 0.10 0.00	23.83 0.12 0.00	25.14 0.14 0.00	24.49 0.08 0.00	25.20 0.13 0.00	28.79 0.12 0.00	24.87 0.13 0.00	27.56 0.16 0.00	35.31 0.25 0.00	66.24 0.37 0.00	33.17 0.25 0.00	29.07 0.24 0.00	25.18 0.17 -0.01	20.73 0.11 0.00	18.68 0.05 -0.20
ONTARIO___LFGE 23819	19.21 0.23 0.00	18.77 0.09 0.00	18.86 0.07 0.00	18.78 0.05 0.00	18.94 0.07 0.00	20.51 0.21 -0.03	22.36 0.31 -0.09	27.20 0.20 0.00	22.72 0.26 0.00	22.18 0.30 0.00	24.09 0.38 0.00	25.27 0.27 0.00	24.51 0.10 0.00	25.36 0.28 0.00	28.83 0.15 0.00	24.98 0.24 0.00	27.65 0.26 0.00	35.45 0.39 0.00	66.46 0.59 0.00	33.27 0.35 0.00	29.11 0.27 0.00	25.17 0.05 -0.12	20.61 -0.01 0.00	18.61 -0.06 -0.24
ORANGEVILLE_WT_PWR 323706	18.49 -0.49 0.00	18.02 -0.66 0.00	18.17 -0.63 0.00	17.99 -0.73 0.00	18.11 -0.76 0.00	19.61 -0.70 -0.03	20.61 -0.76 0.60	25.77 -1.21 0.02	21.78 -0.69 0.00	21.42 -0.46 0.00	23.46 -0.25 0.00	24.77 -0.23 0.00	23.93 -0.48 0.00	24.89 -0.19 0.00	28.06 -0.62 0.00	24.36 -0.38 0.00	27.11 -0.29 0.00	34.59 -0.48 0.00	63.97 -1.90 0.00	31.92 -1.00 0.00	27.86 -0.98 0.00	23.18 -1.12 0.71	19.70 -0.92 0.00	17.81 -0.89 -0.27
ORANGEVILLE___ESR 323794	18.49 -0.49 0.00	18.02 -0.66 0.00	18.17 -0.63 0.00	17.99 -0.73 0.00	18.11 -0.76 0.00	19.61 -0.70 -0.03	20.61 -0.76 0.60	25.77 -1.21 0.02	21.78 -0.69 0.00	21.42 -0.46 0.00	23.46 -0.25 0.00	24.77 -0.23 0.00	23.93 -0.48 0.00	24.89 -0.19 0.00	28.06 -0.62 0.00	24.36 -0.38 0.00	27.11 -0.29 0.00	34.59 -0.48 0.00	63.97 -1.90 0.00	31.92 -1.00 0.00	27.86 -0.98 0.00	23.18 -1.12 0.71	19.70 -0.92 0.00	17.81 -0.89 -0.27
OSWEGATCHIE___HYD 24044	18.90 -0.08 0.00	18.62 -0.06 0.00	18.74 -0.05 0.00	18.62 -0.10 0.00	18.66 -0.21 0.00	20.03 -0.25 -0.01	21.57 -0.39 0.00	26.41 -0.58 0.00	21.93 -0.53 0.00	21.36 -0.51 0.00	23.07 -0.64 0.00	24.20 -0.81 0.00	23.82 -0.60 0.00	24.40 -0.68 0.00	27.73 -0.95 0.00	23.89 -0.85 0.00	26.61 -0.79 0.00	34.39 -0.68 0.00	64.65 -1.23 0.00	32.10 -0.82 0.00	27.86 -0.98 0.00	24.12 -0.89 0.00	20.02 -0.60 0.00	17.95 -0.53 -0.05
OSWEGO___5 23606	18.59 -0.40 0.00	18.26 -0.42 0.00	18.37 -0.42 0.00	18.29 -0.43 0.00	18.44 -0.44 0.00	19.81 -0.47 -0.02	21.43 -0.53 0.00	26.31 -0.69 0.00	21.91 -0.55 0.00	21.36 -0.51 0.00	23.15 -0.56 0.00	24.42 -0.59 0.00	23.80 -0.61 0.00	24.49 -0.58 0.00	27.98 -0.70 0.00	24.15 -0.59 0.00	26.75 -0.65 0.00	34.25 -0.82 0.00	64.28 -1.60 0.00	32.17 -0.75 0.00	28.20 -0.63 0.00	24.50 -0.51 0.00	20.18 -0.43 0.00	18.15 -0.41 -0.13
OSWEGO___6 23613	18.59 -0.40 0.00	18.26 -0.42 0.00	18.37 -0.42 0.00	18.29 -0.43 0.00	18.44 -0.44 0.00	19.81 -0.47 -0.02	21.43 -0.53 0.00	26.31 -0.69 0.00	21.91 -0.55 0.00	21.36 -0.51 0.00	23.15 -0.56 0.00	24.42 -0.59 0.00	23.80 -0.61 0.00	24.49 -0.58 0.00	27.98 -0.70 0.00	24.15 -0.59 0.00	26.75 -0.65 0.00	34.25 -0.82 0.00	64.28 -1.60 0.00	32.17 -0.75 0.00	28.20 -0.63 0.00	24.50 -0.51 0.00	20.18 -0.43 0.00	18.15 -0.41 -0.13
OUTOKUMPU-AB___DRP 24206	18.51 -0.48 0.00	18.08 -0.60 0.00	18.26 -0.53 0.00	18.07 -0.65 0.00	18.14 -0.74 0.00	19.59 -0.71 -0.03	20.91 -0.91 0.15	25.58 -1.42 0.00	21.67 -0.79 0.00	21.38 -0.49 0.00	23.36 -0.35 0.00	24.69 -0.31 0.00	23.76 -0.65 0.00	24.75 -0.32 0.00	27.86 -0.81 0.00	24.19 -0.55 0.00	26.90 -0.49 0.00	34.31 -0.76 0.00	64.00 -1.87 0.00	32.24 -0.68 0.00	28.11 -0.72 0.00	23.93 -0.90 0.17	19.96 -0.66 0.00	18.00 -0.67 -0.24
OXBOW___ 24026	18.30 -0.69 0.00	17.88 -0.80 0.00	18.06 -0.73 0.00	17.87 -0.85 0.00	17.92 -0.96 0.00	19.34 -0.96 -0.03	20.64 -1.17 0.15	25.19 -1.81 0.00	21.32 -1.14 0.00	21.06 -0.82 0.00	23.06 -0.65 0.00	24.30 -0.70 0.00	23.39 -1.02 0.00	24.41 -0.67 0.00	27.45 -1.23 0.00	23.89 -0.86 0.00	26.55 -0.85 0.00	33.85 -1.22 0.00	63.17 -2.71 0.00	31.84 -1.08 0.00	27.75 -1.09 0.00	23.61 -1.22 0.17	19.72 -0.90 0.00	17.80 -0.87 -0.24
OXY_CHEM_DSASP 323612	18.04 -0.94 0.00	17.62 -1.05 0.00	17.80 -0.99 0.00	17.62 -1.10 0.00	17.67 -1.20 0.00	19.05 -1.25 -0.03	20.28 -1.55 0.15	24.69 -2.30 0.01	20.91 -1.55 0.00	20.70 -1.18 0.00	22.66 -1.05 0.00	23.91 -1.10 0.00	22.99 -1.43 0.00	23.98 -1.09 0.00	26.97 -1.71 0.00	23.51 -1.23 0.00	26.15 -1.24 0.00	33.30 -1.77 0.00	62.16 -3.71 0.00	31.33 -1.59 0.00	27.27 -1.57 0.00	23.28 -1.56 0.17	19.44 -1.17 0.00	17.56 -1.10 -0.24
OZONE_PARK_ESR 323760	20.23 1.25 0.00	19.85 1.18 0.00	19.92 1.13 0.00	19.90 1.17 0.00	20.12 1.25 0.00	21.90 1.52 -0.10	23.77 1.80 0.00	29.31 2.32 0.00	24.25 1.79 0.00	23.63 1.75 0.00	25.82 1.95 -0.16	27.38 2.12 -0.25	26.78 2.14 -0.23	27.42 2.10 -0.24	31.78 2.61 -0.50	27.19 2.24 -0.20	30.03 2.31 -0.33	37.86 2.80 0.00	71.46 5.58 0.00	35.78 2.86 0.00	31.47 2.63 0.00	27.28 2.24 -0.03	22.36 1.75 0.00	20.80 1.50 -0.87
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	18.04 -0.94 0.00	17.62 -1.05 0.00	17.80 -0.99 0.00	17.62 -1.10 0.00	17.67 -1.20 0.00	19.05 -1.25 -0.03	20.28 -1.55 0.15	24.69 -2.30 0.01	20.91 -1.55 0.00	20.70 -1.18 0.00	22.66 -1.05 0.00	23.91 -1.10 0.00	22.99 -1.43 0.00	23.98 -1.09 0.00	26.97 -1.71 0.00	23.51 -1.23 0.00	26.15 -1.24 0.00	33.30 -1.77 0.00	62.16 -3.71 0.00	31.33 -1.59 0.00	27.27 -1.57 0.00	23.28 -1.56 0.17	19.44 -1.17 0.00	17.56 -1.10 -0.24

PACKARD__115KV_DUPONT_184 80571	18.04 -0.94 0.00	17.62 -1.05 0.00	17.80 -0.99 0.00	17.62 -1.10 0.00	17.67 -1.20 0.00	19.05 -1.25 -0.03	20.28 -1.55 0.15	24.69 -2.30 0.01	20.91 -1.55 0.00	20.70 -1.18 0.00	22.66 -1.05 0.00	23.91 -1.10 0.00	22.99 -1.43 0.00	23.98 -1.09 0.00	26.97 -1.71 0.00	23.51 -1.23 0.00	26.15 -1.24 0.00	33.30 -1.77 0.00	62.16 -3.71 0.00	31.33 -1.59 0.00	27.27 -1.57 0.00	23.28 -1.56 0.17	19.44 -1.17 0.00	17.56 -1.10 -0.24
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	19.96 0.98 0.00	19.64 0.96 0.00	19.69 0.90 0.00	19.69 0.97 0.00	19.91 1.04 0.00	21.67 1.29 -0.10	23.43 1.47 0.00	28.91 1.91 0.00	23.92 1.46 0.00	23.29 1.42 0.00	25.48 1.60 -0.16	26.96 1.71 -0.25	26.38 1.74 -0.23	27.01 1.69 -0.24	31.32 2.14 -0.50	26.77 1.82 -0.20	29.52 1.80 -0.33	37.26 2.19 0.00	70.30 4.42 0.00	35.25 2.33 0.00	31.04 2.20 0.00	26.90 1.87 -0.03	22.05 1.43 0.00	20.57 1.27 -0.87
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	20.00 1.02 0.00	19.70 1.02 0.00	19.76 0.97 0.00	19.77 1.05 0.00	19.99 1.11 0.00	21.75 1.37 -0.10	23.46 1.50 0.00	28.96 1.97 0.00	23.93 1.47 0.00	23.35 1.47 0.00	25.53 1.65 -0.16	27.00 1.75 -0.25	26.39 1.75 -0.23	26.98 1.66 -0.24	31.28 2.10 -0.50	26.73 1.78 -0.20	29.48 1.75 -0.33	37.19 2.13 0.00	70.26 4.38 0.00	35.23 2.31 0.00	30.99 2.15 0.00	26.87 1.83 -0.03	22.03 1.41 0.00	20.57 1.26 -0.87
PATROON__115KV_TB1 80586	19.36 0.38 0.00	19.05 0.37 0.00	19.15 0.36 0.00	19.14 0.41 0.00	19.34 0.46 0.00	21.04 0.64 -0.13	22.67 0.70 0.00	27.85 0.85 0.00	23.16 0.70 0.00	22.41 0.54 0.00	24.16 0.62 0.16	25.38 0.64 0.25	24.81 0.63 0.24	25.46 0.63 0.24	29.03 0.86 0.50	25.25 0.70 0.20	27.80 0.74 0.33	36.01 0.95 0.00	67.89 2.02 0.00	33.93 1.01 0.00	29.74 0.90 0.00	25.77 0.73 -0.03	21.20 0.58 0.00	20.01 0.52 -1.06
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	18.93 -0.05 0.00	18.47 -0.21 0.00	18.63 -0.16 0.00	18.46 -0.26 0.00	18.56 -0.31 0.00	20.07 -0.23 -0.03	21.48 -0.32 0.16	26.38 -0.61 0.00	22.31 -0.15 0.00	21.99 0.11 0.00	23.98 0.27 0.00	25.35 0.35 0.00	24.45 0.03 0.00	25.43 0.36 0.00	28.70 0.02 0.00	24.83 0.08 0.00	27.62 0.22 0.00	35.20 0.14 0.00	65.62 -0.25 0.00	33.01 0.09 0.00	28.83 0.00 0.00	24.51 -0.31 0.19	20.41 -0.21 0.00	18.41 -0.28 -0.25
PAWLING_115_KV_BK3_REV_LBMP_H 345028	20.07 1.08 0.00	19.71 1.03 0.00	19.80 1.00 0.00	19.78 1.05 0.00	20.01 1.13 0.00	21.74 1.37 -0.10	23.57 1.61 0.00	29.04 2.05 0.00	24.05 1.59 0.00	23.37 1.49 0.00	25.48 1.63 -0.14	26.96 1.75 -0.21	26.37 1.77 -0.20	27.01 1.73 -0.20	31.27 2.17 -0.42	26.77 1.86 -0.17	29.59 1.92 -0.27	37.46 2.40 0.00	70.82 4.94 0.00	35.45 2.53 0.00	31.11 2.28 0.00	26.95 1.92 -0.03	22.13 1.51 0.00	20.61 1.31 -0.88
PEEKSKILL____ 23653	19.90 0.92 0.00	19.54 0.87 0.00	19.63 0.83 0.00	19.61 0.88 0.00	19.83 0.95 0.00	21.54 1.17 -0.10	23.34 1.37 0.00	28.73 1.73 0.00	23.78 1.32 0.00	23.13 1.25 0.00	25.26 1.40 -0.16	26.79 1.55 -0.24	26.21 1.57 -0.23	26.84 1.52 -0.23	31.12 1.96 -0.48	26.60 1.66 -0.19	29.39 1.68 -0.32	37.10 2.04 0.00	70.05 4.18 0.00	35.08 2.16 0.00	30.80 1.96 0.00	26.72 1.69 -0.03	21.93 1.31 0.00	20.42 1.14 -0.86
PGE MADISON__WINDPWR 24146	20.55 1.56 0.00	20.03 1.35 0.00	20.08 1.29 0.00	19.89 1.17 0.00	20.05 1.17 0.00	21.71 1.39 -0.05	23.67 1.67 -0.03	28.94 1.95 0.00	23.99 1.53 0.00	23.27 1.40 0.00	25.28 1.57 0.00	26.72 1.72 0.00	26.01 1.60 0.00	26.91 1.84 0.00	30.72 2.04 0.00	26.54 1.80 0.00	29.43 2.03 0.00	37.72 2.65 0.00	70.48 4.60 0.00	34.92 2.00 0.00	30.57 1.73 0.00	26.43 1.37 -0.05	21.56 0.94 0.00	19.59 0.77 -0.39
PIERCEFIELD____HYD 23852	18.96 -0.02 0.00	18.74 0.06 0.00	18.85 0.07 0.00	18.75 0.02 0.00	18.80 -0.08 0.00	20.02 -0.26 0.00	21.39 -0.58 0.00	26.18 -0.82 0.00	21.77 -0.69 0.00	21.28 -0.60 0.00	23.01 -0.70 0.00	24.22 -0.78 0.00	23.72 -0.69 0.00	24.26 -0.82 0.00	27.62 -1.06 0.00	23.86 -0.88 0.00	26.54 -0.85 0.00	34.18 -0.89 0.00	64.26 -1.61 0.00	31.90 -1.02 0.00	27.77 -1.07 0.00	24.14 -0.87 0.00	20.18 -0.44 0.00	18.19 -0.27 -0.03
PINELAWN_CC_1 323563	20.40 1.41 0.00	20.01 1.33 0.00	20.06 1.26 0.00	20.05 1.32 0.00	21.00 1.49 -0.63	36.53 1.74 -14.52	54.08 2.01 -30.10	29.25 2.26 0.00	24.16 1.70 0.00	23.41 1.53 0.00	25.66 1.79 -0.16	27.59 2.14 -0.45	28.06 2.25 -1.40	27.30 1.98 -0.24	31.58 2.40 -0.50	26.97 2.02 -0.20	29.83 2.10 -0.33	37.61 2.55 0.00	71.48 5.60 0.00	35.73 2.81 0.00	31.52 2.68 0.00	27.44 2.40 -0.03	24.63 1.86 -2.15	20.90 1.60 -0.87
PJM_GEN_HTP_PROXY 323702	20.07 1.09 0.00	19.70 1.03 0.00	19.78 0.98 0.00	19.76 1.03 0.00	19.98 1.11 0.00	21.74 1.36 -0.10	23.56 1.60 0.00	29.04 2.04 0.00	24.02 1.56 0.00	23.42 1.54 0.00	25.60 1.73 -0.16	27.15 1.90 -0.25	26.56 1.91 -0.23	27.18 1.87 -0.24	31.52 2.34 -0.50	26.94 2.00 -0.20	29.76 2.04 -0.33	37.52 2.45 0.00	70.79 4.91 0.00	35.43 2.51 0.00	29.16 2.30 1.98	27.03 1.99 -0.03	22.16 1.55 0.00	20.64 1.34 -0.87
PJM_GEN_KEystone 24065	19.32 0.34 0.00	18.92 0.24 0.00	19.03 0.24 0.00	18.97 0.24 0.00	19.14 0.27 0.00	20.76 0.42 -0.07	22.43 0.50 0.04	27.55 0.56 0.00	22.95 0.49 0.00	22.42 0.54 0.00	24.46 0.67 -0.08	25.88 0.75 -0.12	25.21 0.68 -0.11	26.01 0.81 -0.12	29.86 0.94 -0.25	25.66 0.82 -0.10	28.35 0.79 -0.16	35.93 0.87 0.00	67.49 1.62 0.00	33.87 0.95 0.00	27.72 0.86 1.98	25.60 0.62 0.03	21.10 0.48 0.00	19.39 0.40 -0.56
PJM_GEN_NEPTUNE_PROXY 323594	20.12 1.14 0.00	19.77 1.09 0.00	19.80 1.01 0.00	19.82 1.10 0.00	20.76 1.25 -0.63	32.87 1.44 -11.16	50.32 1.70 -26.65	28.89 1.89 0.00	23.86 1.40 0.00	23.18 1.30 0.00	25.41 1.54 -0.16	27.29 1.88 -0.40	27.78 1.97 -1.40	27.04 1.72 -0.24	31.30 2.12 -0.50	26.75 1.81 -0.20	29.53 1.81 -0.33	37.21 2.14 0.00	70.51 4.64 0.00	35.27 2.35 0.00	29.10 2.24 1.98	27.04 2.00 -0.03	22.17 1.55 0.00	20.65 1.35 -0.87
PJM_GEN_VFT_PROXY 323633	19.99 1.00 0.00	19.63 0.95 0.00	19.69 0.90 0.00	19.66 0.94 0.00	19.88 1.01 0.00	21.63 1.26 -0.10	23.44 1.47 0.00	28.90 1.91 0.00	23.90 1.44 0.00	23.29 1.41 0.00	25.46 1.59 -0.16	26.99 1.73 -0.25	26.41 1.77 -0.23	27.02 1.70 -0.24	31.35 2.17 -0.50	26.80 1.86 -0.20	29.60 1.88 -0.33	37.29 2.22 0.00	70.35 4.48 0.00	35.22 2.30 0.00	29.00 2.14 1.98	26.89 1.86 -0.03	22.07 1.45 0.00	20.57 1.27 -0.87
PLATSBURG_115KV_PMLD1 355749	19.44 0.46 0.00	19.55 0.87 0.00	19.59 0.80 0.00	19.42 0.70 0.00	19.40 0.53 0.00	20.61 0.34 0.00	22.04 0.08 0.00	26.78 -0.21 0.00	22.79 0.33 0.00	22.05 0.18 0.00	23.89 0.17 0.00	25.30 0.29 0.00	24.80 0.39 0.00	25.53 0.45 0.00	29.16 0.48 0.00	25.10 0.36 0.00	27.90 0.50 0.00	35.84 0.77 0.00	67.86 1.98 0.00	33.44 0.52 0.00	29.10 0.26 0.00	25.18 0.17 0.00	20.94 0.32 0.00	19.01 0.58 0.00

PLEASANTVLY___LBMP 24000	19.79 0.81 0.00	19.46 0.78 0.00	19.53 0.74 0.00	19.52 0.80 0.00	19.75 0.87 0.00	21.43 1.05 -0.11	23.19 1.22 0.00	28.52 1.52 0.00	23.62 1.16 0.00	22.96 1.08 0.00	25.10 1.20 -0.18	26.61 1.33 -0.28	26.02 1.35 -0.26	26.65 1.31 -0.27	30.91 1.67 -0.56	26.38 1.41 -0.22	29.17 1.41 -0.36	36.78 1.72 0.00	69.45 3.58 0.00	34.77 1.85 0.00	30.53 1.70 0.00	26.48 1.44 -0.03	21.76 1.15 0.00	20.35 1.01 -0.90
PLSNTVLE_13_KV_13.8KVDIST 80602	19.95 0.97 0.00	19.60 0.92 0.00	19.68 0.89 0.00	19.66 0.94 0.00	19.89 1.01 0.00	21.61 1.23 -0.11	23.41 1.44 0.00	28.81 1.81 0.00	23.85 1.39 0.00	23.21 1.33 0.00	25.36 1.48 -0.16	26.87 1.62 -0.25	26.29 1.65 -0.23	26.92 1.60 -0.24	31.20 2.02 -0.50	26.67 1.72 -0.20	29.47 1.75 -0.33	37.19 2.13 0.00	70.24 4.37 0.00	35.17 2.25 0.00	30.88 2.04 0.00	26.78 1.75 -0.03	21.99 1.37 0.00	20.50 1.19 -0.88
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	19.95 0.97 0.00	19.60 0.92 0.00	19.68 0.89 0.00	19.66 0.94 0.00	19.89 1.01 0.00	21.61 1.23 -0.11	23.41 1.44 0.00	28.81 1.81 0.00	23.85 1.39 0.00	23.21 1.33 0.00	25.36 1.48 -0.16	26.87 1.62 -0.25	26.29 1.65 -0.23	26.92 1.60 -0.24	31.20 2.02 -0.50	26.67 1.72 -0.20	29.47 1.75 -0.33	37.19 2.13 0.00	70.24 4.37 0.00	35.17 2.25 0.00	30.88 2.04 0.00	26.78 1.75 -0.03	21.99 1.37 0.00	20.50 1.19 -0.88
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	19.95 0.96 0.00	19.60 0.92 0.00	19.68 0.89 0.00	19.67 0.95 0.00	19.90 1.03 0.00	21.60 1.23 -0.11	23.39 1.42 0.00	28.79 1.80 0.00	23.84 1.38 0.00	23.17 1.29 0.00	25.03 1.38 0.06	26.42 1.52 0.09	25.85 1.53 0.09	26.45 1.47 0.09	30.34 1.85 0.19	26.28 1.61 0.07	28.91 1.64 0.12	37.12 2.06 0.00	70.11 4.24 0.00	35.11 2.19 0.00	30.82 1.99 0.00	26.70 1.67 -0.03	21.94 1.32 0.00	20.47 1.15 -0.88
POLETTI____ 23519	20.08 1.10 0.00	19.72 1.04 0.00	19.78 0.99 0.00	19.77 1.04 0.00	19.99 1.12 0.00	21.75 1.37 -0.10	23.57 1.61 0.00	29.05 2.05 0.00	24.04 1.58 0.00	23.42 1.54 0.00	25.61 1.74 -0.16	27.15 1.90 -0.25	26.56 1.91 -0.23	27.19 1.87 -0.24	31.53 2.35 -0.50	26.96 2.01 -0.20	29.77 2.05 -0.33	37.52 2.46 0.00	70.81 4.93 0.00	35.45 2.53 0.00	31.15 2.32 0.00	27.03 2.00 -0.03	22.17 1.55 0.00	20.65 1.35 -0.87
POMONA___ESR 323819	19.85 0.87 0.00	19.49 0.81 0.00	19.58 0.79 0.00	19.55 0.83 0.00	19.76 0.88 0.00	21.46 1.10 -0.10	23.27 1.31 0.00	28.67 1.67 0.00	23.71 1.25 0.00	23.06 1.18 0.00	25.17 1.32 -0.13	26.66 1.45 -0.21	26.09 1.48 -0.19	26.74 1.47 -0.20	31.00 1.92 -0.41	26.54 1.63 -0.16	29.30 1.64 -0.27	37.05 1.99 0.00	69.95 4.07 0.00	35.02 2.10 0.00	30.75 1.91 0.00	26.67 1.64 -0.02	21.88 1.26 0.00	20.33 1.10 -0.80
PORT_JEFF_3 23555	20.37 1.39 0.00	19.99 1.31 0.00	20.02 1.23 0.00	20.03 1.30 0.00	20.97 1.47 -0.63	36.49 1.70 -14.52	53.93 1.87 -30.10	29.01 2.02 0.00	23.96 1.50 0.00	23.19 1.32 0.00	25.51 1.63 -0.16	27.53 2.08 -0.45	28.02 2.21 -1.40	27.21 1.89 -0.24	31.44 2.26 -0.50	26.76 1.82 -0.20	29.55 1.83 -0.33	37.24 2.18 0.00	71.12 5.25 0.00	35.54 2.62 0.00	31.38 2.54 0.00	27.35 2.32 -0.03	23.41 1.75 -1.05	20.85 1.55 -0.87
PORT_JEFF_4 23616	20.37 1.39 0.00	19.99 1.31 0.00	20.02 1.23 0.00	20.03 1.30 0.00	20.97 1.47 -0.63	36.49 1.70 -14.52	53.93 1.87 -30.10	29.01 2.02 0.00	23.96 1.50 0.00	23.19 1.32 0.00	25.51 1.63 -0.16	27.53 2.08 -0.45	28.02 2.21 -1.40	27.21 1.89 -0.24	31.44 2.26 -0.50	26.76 1.82 -0.20	29.55 1.83 -0.33	37.24 2.18 0.00	71.12 5.25 0.00	35.54 2.62 0.00	31.38 2.54 0.00	27.35 2.32 -0.03	23.41 1.75 -1.05	20.85 1.55 -0.87
PORT_JEFF_IC 23713	20.41 1.42 0.00	20.02 1.34 0.00	20.05 1.26 0.00	20.05 1.33 0.00	21.00 1.50 -0.63	36.53 1.74 -14.52	53.99 1.93 -30.10	29.09 2.09 0.00	24.03 1.57 0.00	23.25 1.38 0.00	25.56 1.69 -0.16	27.56 2.11 -0.45	28.05 2.24 -1.40	27.25 1.93 -0.24	31.48 2.31 -0.50	26.80 1.85 -0.20	29.61 1.89 -0.33	37.33 2.27 0.00	71.36 5.49 0.00	35.64 2.72 0.00	31.44 2.60 0.00	27.40 2.36 -0.03	23.48 1.78 -1.08	20.87 1.57 -0.87
PPL PILGRIM_ST_GT1 24216	20.55 1.57 0.00	20.16 1.48 0.00	20.19 1.40 0.00	20.20 1.48 0.00	21.15 1.65 -0.63	36.70 1.91 -14.52	54.23 2.17 -30.10	29.41 2.41 0.00	24.27 1.81 0.00	23.55 1.68 0.00	25.87 2.00 -0.16	27.77 2.32 -0.45	28.23 2.42 -1.40	27.49 2.18 -0.24	31.77 2.59 -0.50	27.11 2.17 -0.20	29.98 2.26 -0.33	37.82 2.76 0.00	71.77 5.89 0.00	35.85 2.93 0.00	31.63 2.79 0.00	27.65 2.61 -0.03	23.89 1.98 -1.29	21.06 1.76 -0.87
PPL PILGRIM_ST_GT2 24217	20.55 1.57 0.00	20.16 1.48 0.00	20.19 1.40 0.00	20.20 1.48 0.00	21.15 1.65 -0.63	36.70 1.91 -14.52	54.23 2.17 -30.10	29.41 2.41 0.00	24.27 1.81 0.00	23.55 1.68 0.00	25.87 2.00 -0.16	27.77 2.32 -0.45	28.23 2.42 -1.40	27.49 2.18 -0.24	31.77 2.59 -0.50	27.11 2.17 -0.20	29.98 2.26 -0.33	37.82 2.76 0.00	71.77 5.89 0.00	35.85 2.93 0.00	31.63 2.79 0.00	27.65 2.61 -0.03	23.89 1.98 -1.29	21.06 1.76 -0.87
PPL_SHRM_GT3 24213	20.52 1.53 0.00	20.12 1.44 0.00	20.15 1.36 0.00	20.16 1.43 0.00	21.11 1.60 -0.63	36.64 1.85 -14.52	54.15 2.09 -30.10	29.31 2.32 0.00	24.23 1.77 0.00	23.39 1.52 0.00	25.66 1.79 -0.16	27.64 2.19 -0.45	28.10 2.29 -1.40	27.11 1.79 -0.24	31.30 2.12 -0.50	26.52 1.58 -0.20	29.37 1.65 -0.33	37.13 2.06 0.00	71.79 5.91 0.00	35.67 2.75 0.00	31.27 2.43 0.00	27.21 2.18 -0.03	23.31 1.62 -1.07	20.81 1.51 -0.87
PPL_SHRM_GT4 24214	20.52 1.53 0.00	20.12 1.44 0.00	20.15 1.36 0.00	20.16 1.43 0.00	21.11 1.60 -0.63	36.64 1.85 -14.52	54.15 2.09 -30.10	29.31 2.32 0.00	24.23 1.77 0.00	23.39 1.52 0.00	25.66 1.79 -0.16	27.64 2.19 -0.45	28.10 2.29 -1.40	27.11 1.79 -0.24	31.30 2.12 -0.50	26.52 1.58 -0.20	29.37 1.65 -0.33	37.13 2.06 0.00	71.79 5.91 0.00	35.67 2.75 0.00	31.27 2.43 0.00	27.21 2.18 -0.03	23.31 1.62 -1.07	20.81 1.51 -0.87
PROJECT___ORANGE 1 24174	18.93 -0.05 0.00	18.57 -0.11 0.00	18.67 -0.12 0.00	18.59 -0.13 0.00	18.75 -0.12 0.00	20.19 -0.11 -0.02	21.85 -0.12 0.00	26.82 -0.18 0.00	22.35 -0.11 0.00	21.81 -0.07 0.00	23.66 -0.05 0.00	24.97 -0.03 0.00	24.32 -0.09 0.00	25.05 -0.02 0.00	28.61 -0.07 0.00	24.70 -0.04 0.00	27.36 -0.04 0.00	35.03 -0.03 0.00	65.74 -0.14 0.00	32.91 -0.01 0.00	28.84 0.01 0.00	25.01 0.00 -0.01	20.59 -0.03 0.00	18.54 -0.07 -0.18
PROJECT___ORANGE 2 24166	18.93 -0.05 0.00	18.57 -0.11 0.00	18.67 -0.12 0.00	18.59 -0.13 0.00	18.75 -0.12 0.00	20.19 -0.11 -0.02	21.85 -0.12 0.00	26.82 -0.18 0.00	22.35 -0.11 0.00	21.81 -0.07 0.00	23.66 -0.05 0.00	24.97 -0.03 0.00	24.32 -0.09 0.00	25.05 -0.02 0.00	28.61 -0.07 0.00	24.70 -0.04 0.00	27.36 -0.04 0.00	35.03 -0.03 0.00	65.74 -0.14 0.00	32.91 -0.01 0.00	28.84 0.01 0.00	25.01 0.00 -0.01	20.59 -0.03 0.00	18.54 -0.07 -0.18

PUCKETT___SOLAR 323809	19.66 0.68 0.00	19.21 0.54 0.00	19.30 0.51 0.00	19.21 0.49 0.00	19.40 0.52 0.00	20.97 0.65 -0.05	22.76 0.79 0.00	27.95 0.95 0.00	23.21 0.75 0.00	22.54 0.66 0.00	24.44 0.73 0.00	25.74 0.75 0.00	25.02 0.60 0.00	25.81 0.74 0.00	29.55 0.87 0.00	25.51 0.76 0.00	28.27 0.87 0.00	36.25 1.18 0.00	68.12 2.25 0.00	34.00 1.08 0.00	29.78 0.94 0.00	25.74 0.72 -0.01	21.12 0.50 0.00	19.23 0.39 -0.40
PYRITES___HYD 24023	19.45 0.46 0.00	19.20 0.53 0.00	19.28 0.48 0.00	19.19 0.47 0.00	19.27 0.40 0.00	20.57 0.29 0.00	22.05 0.08 0.00	27.01 0.01 0.00	22.43 -0.03 0.00	21.98 0.10 0.00	23.74 0.03 0.00	25.00 0.00 0.00	24.39 -0.02 0.00	24.81 -0.27 0.00	28.28 -0.40 0.00	24.50 -0.25 0.00	27.21 -0.19 0.00	35.18 0.12 0.00	66.24 0.37 0.00	32.87 -0.05 0.00	28.61 -0.23 0.00	24.84 -0.17 0.00	20.71 0.09 0.00	18.62 0.16 -0.03
QUAKERRD_115KV_BK1 80622	18.33 -0.65 0.00	17.96 -0.72 0.00	18.10 -0.69 0.00	17.99 -0.74 0.00	18.10 -0.77 0.00	19.53 -0.76 -0.03	21.11 -0.85 0.00	25.80 -1.20 0.00	21.63 -0.83 0.00	21.15 -0.72 0.00	22.99 -0.73 0.00	24.26 -0.74 0.00	23.53 -0.88 0.00	24.36 -0.71 0.00	27.68 -1.00 0.00	23.94 -0.81 0.00	26.58 -0.81 0.00	34.07 -1.00 0.00	63.83 -2.04 0.00	32.03 -0.89 0.00	28.02 -0.81 0.00	24.15 -0.87 -0.01	19.89 -0.72 0.00	17.93 -0.71 -0.21
QUENSBRY_115KV_TB8 356137	19.86 0.88 0.00	19.55 0.88 0.00	19.71 0.92 0.00	19.72 0.99 0.00	20.12 1.24 0.00	21.87 1.46 -0.13	23.69 1.73 0.00	29.24 2.24 0.00	24.34 1.88 0.00	23.52 1.64 0.00	25.32 1.75 0.15	26.63 1.86 0.23	26.00 1.80 0.21	26.70 1.84 0.22	30.46 2.24 0.46	26.48 1.92 0.18	29.00 1.90 0.30	37.50 2.43 0.00	70.93 5.05 0.00	35.44 2.52 0.00	30.94 2.10 0.00	26.79 1.75 -0.03	22.00 1.38 0.00	20.65 1.14 -1.08
RAMAPO___LBMP 323565	19.81 0.83 0.00	19.45 0.77 0.00	19.53 0.75 0.00	19.52 0.79 0.00	19.72 0.84 0.00	21.42 1.05 -0.10	23.22 1.25 0.00	28.60 1.60 0.00	23.66 1.19 0.00	22.99 1.12 0.00	25.10 1.25 -0.13	26.58 1.37 -0.21	26.02 1.41 -0.19	26.67 1.40 -0.20	30.91 1.83 -0.41	26.46 1.55 -0.16	29.21 1.55 -0.27	36.94 1.88 0.00	69.74 3.87 0.00	34.92 2.00 0.00	30.66 1.82 0.00	26.60 1.56 -0.02	21.81 1.20 0.00	20.27 1.04 -0.80
RANKINE____ 23646	18.68 -0.31 0.00	18.22 -0.46 0.00	18.39 -0.40 0.00	18.21 -0.51 0.00	18.30 -0.57 0.00	19.78 -0.53 -0.03	21.11 -0.66 0.19	25.93 -1.06 0.00	21.95 -0.51 0.00	21.65 -0.23 0.00	23.65 -0.06 0.00	25.01 0.00 0.00	24.09 -0.32 0.00	25.08 0.00 0.00	28.26 -0.42 0.00	24.48 -0.26 0.00	27.24 -0.15 0.00	34.71 -0.35 0.00	64.64 -1.24 0.00	32.49 -0.43 0.00	28.39 -0.45 0.00	24.08 -0.71 0.22	20.09 -0.53 0.00	18.12 -0.56 -0.25
RAVENSWOOD_GT2_1 24244	20.06 1.07 0.00	19.69 1.02 0.00	19.76 0.97 0.00	19.74 1.02 0.00	19.97 1.09 0.00	21.72 1.35 -0.10	23.54 1.58 0.00	29.01 2.02 0.00	24.01 1.55 0.00	23.39 1.51 0.00	25.57 1.69 -0.16	27.11 1.85 -0.25	26.52 1.88 -0.23	27.15 1.83 -0.24	31.48 2.30 -0.50	26.91 1.97 -0.20	29.72 2.00 -0.33	37.47 2.41 0.00	70.69 4.82 0.00	35.41 2.48 0.00	31.12 2.29 0.00	27.00 1.96 -0.03	22.14 1.53 0.00	20.62 1.32 -0.87
RAVENSWOOD_GT2_2 24245	20.06 1.07 0.00	19.69 1.02 0.00	19.76 0.97 0.00	19.74 1.02 0.00	19.97 1.09 0.00	21.72 1.35 -0.10	23.54 1.58 0.00	29.01 2.02 0.00	24.01 1.55 0.00	23.39 1.51 0.00	25.57 1.69 -0.16	27.11 1.85 -0.25	26.52 1.88 -0.23	27.15 1.83 -0.24	31.48 2.30 -0.50	26.91 1.97 -0.20	29.72 2.00 -0.33	37.47 2.41 0.00	70.69 4.82 0.00	35.41 2.48 0.00	31.12 2.29 0.00	27.00 1.96 -0.03	22.14 1.53 0.00	20.62 1.32 -0.87
RAVENSWOOD_GT2_3 24246	20.06 1.08 0.00	19.70 1.02 0.00	19.77 0.98 0.00	19.75 1.03 0.00	19.97 1.10 0.00	21.73 1.35 -0.10	23.55 1.59 0.00	29.02 2.02 0.00	24.01 1.55 0.00	23.39 1.51 0.00	25.58 1.70 -0.16	27.11 1.86 -0.25	26.53 1.88 -0.23	27.16 1.84 -0.24	31.49 2.31 -0.50	26.91 1.97 -0.20	29.73 2.01 -0.33	37.48 2.41 0.00	70.73 4.86 0.00	35.42 2.50 0.00	31.13 2.29 0.00	27.00 1.97 -0.03	22.15 1.53 0.00	20.63 1.33 -0.87
RAVENSWOOD_GT2_4 24247	20.06 1.08 0.00	19.70 1.02 0.00	19.77 0.98 0.00	19.75 1.03 0.00	19.97 1.10 0.00	21.73 1.35 -0.10	23.55 1.59 0.00	29.02 2.02 0.00	24.01 1.55 0.00	23.39 1.51 0.00	25.58 1.70 -0.16	27.11 1.86 -0.25	26.53 1.88 -0.23	27.16 1.84 -0.24	31.49 2.31 -0.50	26.91 1.97 -0.20	29.73 2.01 -0.33	37.48 2.41 0.00	70.73 4.86 0.00	35.42 2.50 0.00	31.13 2.29 0.00	27.00 1.97 -0.03	22.15 1.53 0.00	20.63 1.33 -0.87
RAVENSWOOD_GT3_1 24248	20.06 1.07 0.00	19.69 1.02 0.00	19.76 0.97 0.00	19.74 1.02 0.00	19.97 1.09 0.00	21.72 1.35 -0.10	23.54 1.57 0.00	29.01 2.02 0.00	24.00 1.54 0.00	23.38 1.51 0.00	25.57 1.69 -0.16	27.11 1.85 -0.25	26.52 1.87 -0.23	27.14 1.83 -0.24	31.48 2.30 -0.50	26.91 1.96 -0.20	29.71 1.99 -0.33	37.46 2.39 0.00	70.68 4.81 0.00	35.39 2.47 0.00	31.12 2.28 0.00	26.99 1.96 -0.03	22.14 1.52 0.00	20.62 1.32 -0.87
RAVENSWOOD_GT3_2 24249	20.06 1.07 0.00	19.69 1.02 0.00	19.76 0.97 0.00	19.74 1.02 0.00	19.97 1.09 0.00	21.72 1.35 -0.10	23.54 1.57 0.00	29.01 2.02 0.00	24.00 1.54 0.00	23.38 1.51 0.00	25.57 1.69 -0.16	27.11 1.85 -0.25	26.52 1.87 -0.23	27.14 1.83 -0.24	31.48 2.30 -0.50	26.91 1.96 -0.20	29.71 1.99 -0.33	37.46 2.39 0.00	70.68 4.81 0.00	35.39 2.47 0.00	31.12 2.28 0.00	26.99 1.96 -0.03	22.14 1.52 0.00	20.62 1.32 -0.87
RAVENSWOOD_GT3_3 24250	20.08 1.10 0.00	19.72 1.04 0.00	19.79 1.00 0.00	19.77 1.04 0.00	19.99 1.12 0.00	21.75 1.37 -0.10	23.57 1.61 0.00	29.06 2.06 0.00	24.05 1.59 0.00	23.42 1.55 0.00	25.61 1.74 -0.16	27.16 1.90 -0.25	26.56 1.92 -0.23	27.19 1.87 -0.24	31.53 2.35 -0.50	26.95 2.01 -0.20	29.77 2.05 -0.33	37.53 2.46 0.00	70.82 4.94 0.00	35.45 2.53 0.00	31.17 2.33 0.00	27.04 2.00 -0.03	22.17 1.56 0.00	20.65 1.35 -0.87
RAVENSWOOD_GT3_4 24251	20.08 1.10 0.00	19.72 1.04 0.00	19.79 1.00 0.00	19.77 1.04 0.00	19.99 1.12 0.00	21.75 1.37 -0.10	23.57 1.61 0.00	29.06 2.06 0.00	24.05 1.59 0.00	23.42 1.55 0.00	25.61 1.74 -0.16	27.16 1.90 -0.25	26.56 1.92 -0.23	27.19 1.87 -0.24	31.53 2.35 -0.50	26.95 2.01 -0.20	29.77 2.05 -0.33	37.53 2.46 0.00	70.82 4.94 0.00	35.45 2.53 0.00	31.17 2.33 0.00	27.04 2.00 -0.03	22.17 1.56 0.00	20.65 1.35 -0.87
RAVENSWOOD_GT_1 23729	20.02 1.04 0.00	19.66 0.99 0.00	19.73 0.94 0.00	19.72 1.00 0.00	19.95 1.07 0.00	21.72 1.35 -0.10	23.52 1.55 0.00	29.02 2.02 0.00	24.01 1.55 0.00	23.40 1.52 0.00	25.57 1.70 -0.16	27.11 1.86 -0.25	26.51 1.87 -0.23	27.15 1.83 -0.24	31.47 2.29 -0.50	26.90 1.96 -0.20	29.69 1.97 -0.33	37.41 2.35 0.00	70.59 4.72 0.00	35.36 2.44 0.00	31.12 2.28 0.00	26.99 1.96 -0.03	22.12 1.50 0.00	20.61 1.30 -0.87

RAVENSWOOD_GT_10 24258	20.06 1.07 0.00	19.69 1.02 0.00	19.76 0.97 0.00	19.74 1.02 0.00	19.97 1.09 0.00	21.72 1.35 -0.10	23.54 1.57 0.00	29.01 2.02 0.00	24.00 1.54 0.00	23.39 1.51 0.00	25.57 1.69 -0.16	27.11 1.85 -0.25	26.52 1.88 -0.23	27.14 1.83 -0.24	31.48 2.30 -0.50	26.91 1.97 -0.20	29.72 2.00 -0.33	37.46 2.40 0.00	70.68 4.81 0.00	35.39 2.47 0.00	31.12 2.28 0.00	27.00 1.96 -0.03	22.14 1.53 0.00	20.62 1.32 -0.87
RAVENSWOOD_GT_11 24259	20.06 1.07 0.00	19.69 1.02 0.00	19.76 0.97 0.00	19.74 1.02 0.00	19.97 1.09 0.00	21.72 1.35 -0.10	23.54 1.57 0.00	29.01 2.02 0.00	24.00 1.54 0.00	23.39 1.51 0.00	25.57 1.69 -0.16	27.11 1.85 -0.25	26.52 1.88 -0.23	27.14 1.83 -0.24	31.48 2.30 -0.50	26.91 1.97 -0.20	29.72 2.00 -0.33	37.46 2.40 0.00	70.68 4.81 0.00	35.39 2.47 0.00	31.12 2.28 0.00	27.00 1.96 -0.03	22.14 1.53 0.00	20.62 1.32 -0.87
RAVENSWOOD_GT_4 24252	20.06 1.08 0.00	19.70 1.02 0.00	19.77 0.97 0.00	19.75 1.03 0.00	19.97 1.10 0.00	21.72 1.35 -0.10	23.55 1.58 0.00	29.01 2.02 0.00	24.01 1.55 0.00	23.39 1.51 0.00	25.57 1.69 -0.16	27.11 1.85 -0.25	26.52 1.88 -0.23	27.15 1.83 -0.24	31.48 2.30 -0.50	26.91 1.97 -0.20	29.73 2.01 -0.33	37.48 2.41 0.00	70.71 4.84 0.00	35.42 2.50 0.00	31.12 2.28 0.00	27.00 1.96 -0.03	22.15 1.53 0.00	20.63 1.33 -0.87
RAVENSWOOD_GT_5 24254	20.06 1.08 0.00	19.70 1.02 0.00	19.77 0.97 0.00	19.75 1.03 0.00	19.97 1.10 0.00	21.72 1.35 -0.10	23.55 1.58 0.00	29.01 2.02 0.00	24.01 1.55 0.00	23.39 1.51 0.00	25.57 1.69 -0.16	27.11 1.85 -0.25	26.52 1.88 -0.23	27.15 1.83 -0.24	31.48 2.30 -0.50	26.91 1.97 -0.20	29.73 2.01 -0.33	37.48 2.41 0.00	70.71 4.84 0.00	35.42 2.50 0.00	31.12 2.28 0.00	27.00 1.96 -0.03	22.15 1.53 0.00	20.63 1.33 -0.87
RAVENSWOOD_GT_6 24253	20.06 1.08 0.00	19.70 1.02 0.00	19.77 0.97 0.00	19.75 1.03 0.00	19.97 1.10 0.00	21.72 1.35 -0.10	23.55 1.58 0.00	29.01 2.02 0.00	24.01 1.55 0.00	23.39 1.51 0.00	25.57 1.69 -0.16	27.11 1.85 -0.25	26.52 1.88 -0.23	27.15 1.83 -0.24	31.48 2.30 -0.50	26.91 1.97 -0.20	29.73 2.01 -0.33	37.48 2.41 0.00	70.71 4.84 0.00	35.42 2.50 0.00	31.12 2.28 0.00	27.00 1.96 -0.03	22.15 1.53 0.00	20.63 1.33 -0.87
RAVENSWOOD_GT_7 24255	20.06 1.08 0.00	19.70 1.02 0.00	19.77 0.97 0.00	19.75 1.03 0.00	19.97 1.10 0.00	21.72 1.35 -0.10	23.55 1.58 0.00	29.01 2.02 0.00	24.01 1.55 0.00	23.39 1.51 0.00	25.57 1.69 -0.16	27.11 1.85 -0.25	26.52 1.88 -0.23	27.15 1.83 -0.24	31.48 2.30 -0.50	26.91 1.97 -0.20	29.73 2.01 -0.33	37.48 2.41 0.00	70.71 4.84 0.00	35.42 2.50 0.00	31.12 2.28 0.00	27.00 1.96 -0.03	22.15 1.53 0.00	20.63 1.33 -0.87
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	20.06 1.07 0.00	19.69 1.02 0.00	19.76 0.97 0.00	19.74 1.02 0.00	19.97 1.09 0.00	21.72 1.35 -0.10	23.54 1.57 0.00	29.01 2.02 0.00	24.00 1.54 0.00	23.39 1.51 0.00	25.57 1.69 -0.16	27.11 1.85 -0.25	26.52 1.88 -0.23	27.14 1.83 -0.24	31.48 2.30 -0.50	26.91 1.97 -0.20	29.72 2.00 -0.33	37.46 2.40 0.00	70.68 4.81 0.00	35.39 2.47 0.00	31.12 2.28 0.00	27.00 1.96 -0.03	22.14 1.53 0.00	20.62 1.32 -0.87
RAVENSWOOD_GT_9 24257	20.06 1.07 0.00	19.69 1.02 0.00	19.76 0.97 0.00	19.74 1.02 0.00	19.97 1.09 0.00	21.72 1.35 -0.10	23.54 1.57 0.00	29.01 2.02 0.00	24.00 1.54 0.00	23.39 1.51 0.00	25.57 1.69 -0.16	27.11 1.85 -0.25	26.52 1.88 -0.23	27.14 1.83 -0.24	31.48 2.30 -0.50	26.91 1.97 -0.20	29.72 2.00 -0.33	37.46 2.40 0.00	70.68 4.81 0.00	35.39 2.47 0.00	31.12 2.28 0.00	27.00 1.96 -0.03	22.14 1.53 0.00	20.62 1.32 -0.87
RAVENSWOOD___1 23533	20.02 1.04 0.00	19.66 0.99 0.00	19.73 0.94 0.00	19.72 1.00 0.00	19.95 1.07 0.00	21.72 1.34 -0.10	23.51 1.55 0.00	29.02 2.02 0.00	24.02 1.56 0.00	23.41 1.53 0.00	25.57 1.70 -0.16	27.12 1.87 -0.25	26.52 1.87 -0.23	27.15 1.83 -0.24	31.47 2.29 -0.50	26.90 1.96 -0.20	29.69 1.97 -0.33	37.41 2.35 0.00	70.60 4.73 0.00	35.36 2.44 0.00	31.12 2.28 0.00	27.00 1.97 -0.03	22.13 1.51 0.00	20.61 1.31 -0.87
RAVENSWOOD___2 23534	20.02 1.04 0.00	19.66 0.99 0.00	19.73 0.94 0.00	19.72 1.00 0.00	19.95 1.07 0.00	21.72 1.34 -0.10	23.51 1.55 0.00	29.02 2.02 0.00	24.02 1.56 0.00	23.41 1.53 0.00	25.57 1.70 -0.16	27.12 1.87 -0.25	26.52 1.87 -0.23	27.15 1.83 -0.24	31.47 2.29 -0.50	26.90 1.96 -0.20	29.69 1.97 -0.33	37.41 2.35 0.00	70.60 4.73 0.00	35.36 2.44 0.00	31.12 2.28 0.00	27.00 1.97 -0.03	22.13 1.51 0.00	20.61 1.31 -0.87
RAVENSWOOD___3 23535	20.06 1.07 0.00	19.69 1.01 0.00	19.76 0.97 0.00	19.74 1.02 0.00	19.97 1.09 0.00	21.72 1.34 -0.10	23.54 1.57 0.00	29.01 2.01 0.00	24.01 1.55 0.00	23.39 1.51 0.00	25.56 1.69 -0.16	27.12 1.86 -0.25	26.52 1.88 -0.23	27.14 1.82 -0.24	31.48 2.30 -0.50	26.91 1.96 -0.20	29.71 1.99 -0.33	37.47 2.40 0.00	70.69 4.81 0.00	35.40 2.48 0.00	31.12 2.28 0.00	27.00 1.97 -0.03	22.15 1.53 0.00	20.62 1.32 -0.87
RAVENSWOOD___4 23820	20.02 1.04 0.00	19.66 0.99 0.00	19.73 0.94 0.00	19.72 1.00 0.00	19.95 1.07 0.00	21.72 1.34 -0.10	23.51 1.55 0.00	29.02 2.02 0.00	24.02 1.56 0.00	23.41 1.53 0.00	25.57 1.70 -0.16	27.12 1.87 -0.25	26.52 1.87 -0.23	27.15 1.83 -0.24	31.47 2.29 -0.50	26.90 1.96 -0.20	29.69 1.97 -0.33	37.41 2.35 0.00	70.60 4.73 0.00	35.36 2.44 0.00	31.12 2.28 0.00	27.00 1.97 -0.03	22.13 1.51 0.00	20.61 1.31 -0.87
RCPL_TRUST___DRP 24196	20.08 1.10 0.00	19.72 1.04 0.00	19.79 1.00 0.00	19.77 1.04 0.00	19.99 1.12 0.00	21.75 1.37 -0.10	23.58 1.61 0.00	29.07 2.07 0.00	24.04 1.58 0.00	23.44 1.56 0.00	25.63 1.76 -0.16	27.18 1.92 -0.25	26.59 1.94 -0.23	27.22 1.90 -0.24	31.56 2.38 -0.50	26.98 2.03 -0.20	29.80 2.07 -0.33	37.55 2.49 0.00	70.86 4.98 0.00	35.47 2.55 0.00	31.17 2.34 0.00	27.04 2.00 -0.03	22.18 1.56 0.00	20.65 1.35 -0.87
RED___ROCHESTER 323720	18.78 -0.20 0.00	18.37 -0.30 0.00	18.53 -0.26 0.00	18.39 -0.33 0.00	18.50 -0.37 0.00	19.98 -0.31 -0.03	21.63 -0.34 0.00	26.48 -0.52 0.00	22.28 -0.18 0.00	21.79 -0.09 0.00	23.68 -0.03 0.00	24.99 -0.02 0.00	24.14 -0.27 0.00	25.09 0.02 0.00	28.45 -0.23 0.00	24.60 -0.15 0.00	27.36 -0.03 0.00	35.06 0.00 0.00	65.64 -0.24 0.00	33.01 0.09 0.00	28.87 0.03 0.00	24.79 -0.23 -0.01	20.43 -0.19 0.00	18.38 -0.27 -0.21
REGAN___SOLAR 323812	20.24 1.25 0.00	19.77 1.09 0.00	19.88 1.08 0.00	19.82 1.10 0.00	20.09 1.22 0.00	21.78 1.38 -0.13	23.58 1.61 0.00	29.10 2.11 0.00	23.89 1.43 0.00	22.77 0.89 0.00	24.38 0.79 0.12	25.55 0.74 0.19	24.96 0.73 0.18	25.45 0.56 0.19	28.59 0.29 0.38	25.38 0.79 0.15	27.81 0.67 0.25	37.08 2.02 0.00	69.88 4.00 0.00	35.00 2.08 0.00	30.65 1.82 0.00	26.39 1.35 -0.03	21.75 1.14 0.00	20.55 1.03 -1.09

RENSSELAER___COGEN 23796	19.29 0.30 0.00	18.97 0.29 0.00	19.07 0.28 0.00	19.05 0.33 0.00	19.25 0.38 0.00	20.94 0.54 -0.13	22.55 0.59 0.00	27.70 0.71 0.00	23.01 0.55 0.00	22.25 0.37 0.00	23.98 0.43 0.16	25.20 0.45 0.25	24.62 0.44 0.23	25.25 0.42 0.24	28.81 0.63 0.50	25.05 0.50 0.20	27.58 0.51 0.33	35.71 0.64 0.00	67.36 1.49 0.00	33.66 0.74 0.00	29.52 0.69 0.00	25.60 0.56 -0.03	21.06 0.44 0.00	19.89 0.40 -1.05
REPUBLIC_115KV_BARTNBRK 55605	20.45 1.47 0.00	20.17 1.49 0.00	20.20 1.41 0.00	20.20 1.48 0.00	20.60 1.73 0.00	22.45 2.05 -0.13	24.38 2.41 0.00	30.02 3.02 0.00	25.09 2.62 0.00	24.16 2.28 0.00	26.10 2.53 0.15	27.51 2.74 0.23	26.84 2.64 0.21	27.58 2.73 0.22	31.53 3.31 0.46	27.37 2.81 0.18	30.02 2.93 0.30	39.10 4.03 0.00	74.35 8.47 0.00	37.14 4.22 0.00	32.26 3.43 0.00	27.92 2.87 -0.03	22.97 2.35 0.00	21.50 1.99 -1.08
REVERE_CPPR_DRP 24186	19.69 0.71 0.00	19.32 0.64 0.00	19.43 0.64 0.00	19.33 0.61 0.00	19.48 0.60 0.00	21.05 0.77 -0.01	22.93 0.97 0.00	28.21 1.22 0.00	23.40 0.94 0.00	22.82 0.94 0.00	24.56 0.85 0.00	25.80 0.80 0.00	25.22 0.80 0.00	25.72 0.64 0.00	29.33 0.65 0.00	25.26 0.51 0.00	28.22 0.82 0.00	36.40 1.34 0.00	67.77 1.90 0.00	33.95 1.03 0.00	29.76 0.92 0.00	25.73 0.72 0.00	21.16 0.54 0.00	18.97 0.46 -0.08
REYNOLDS_115KV_TB3 80639	19.42 0.44 0.00	19.12 0.44 0.00	19.21 0.42 0.00	19.20 0.48 0.00	19.41 0.54 0.00	21.09 0.69 -0.13	22.74 0.77 0.00	27.93 0.93 0.00	23.23 0.77 0.00	22.48 0.60 0.00	24.20 0.68 0.19	25.41 0.71 0.30	24.85 0.72 0.28	25.52 0.74 0.29	29.06 0.99 0.60	25.29 0.79 0.24	27.81 0.82 0.39	36.13 1.07 0.00	68.14 2.26 0.00	34.05 1.13 0.00	29.84 1.00 0.00	25.87 0.83 -0.03	21.30 0.68 0.00	20.11 0.63 -1.05
RIVERBAY____ 323610	20.00 1.02 0.00	19.70 1.02 0.00	19.76 0.97 0.00	19.77 1.05 0.00	19.99 1.11 0.00	21.75 1.37 -0.10	23.46 1.50 0.00	28.96 1.97 0.00	23.93 1.47 0.00	23.35 1.47 0.00	25.53 1.65 -0.16	27.00 1.75 -0.25	26.39 1.75 -0.23	26.98 1.66 -0.24	31.28 2.10 -0.50	26.73 1.78 -0.20	29.48 1.75 -0.33	37.19 2.13 0.00	70.26 4.38 0.00	35.23 2.31 0.00	30.99 2.15 0.00	26.87 1.83 -0.03	22.03 1.41 0.00	20.57 1.26 -0.87
RIVERSDE_115KV_TB3 55908	19.36 0.38 0.00	19.05 0.37 0.00	19.14 0.35 0.00	19.13 0.41 0.00	19.34 0.46 0.00	21.03 0.63 -0.13	22.66 0.70 0.00	27.81 0.81 0.00	23.11 0.65 0.00	22.36 0.49 0.00	24.10 0.55 0.17	25.32 0.58 0.27	24.75 0.58 0.25	25.40 0.58 0.26	28.96 0.80 0.53	25.18 0.65 0.21	27.72 0.67 0.34	35.93 0.86 0.00	67.74 1.87 0.00	33.85 0.93 0.00	29.68 0.84 0.00	25.72 0.68 -0.03	21.16 0.54 0.00	19.99 0.50 -1.06
ROARING___BROOK_WT_PWR 323790	18.56 -0.42 0.00	18.37 -0.30 0.00	18.51 -0.28 0.00	18.28 -0.44 0.00	18.43 -0.45 0.00	19.82 -0.45 0.00	21.43 -0.54 0.00	26.34 -0.66 0.00	21.87 -0.59 0.00	21.42 -0.45 0.00	23.29 -0.42 0.00	24.49 -0.52 0.00	24.01 -0.40 0.00	24.60 -0.47 0.00	28.12 -0.56 0.00	24.17 -0.57 0.00	26.86 -0.54 0.00	34.38 -0.69 0.00	63.36 -2.52 0.00	31.18 -1.74 0.00	21.54 -1.73 5.57	-28.71 -1.53 52.19	-39.00 -1.21 58.41	-35.55 -0.99 53.00
ROCHESRG_115KV_T4 355643	18.62 -0.36 0.00	18.22 -0.45 0.00	18.38 -0.41 0.00	18.24 -0.48 0.00	18.35 -0.52 0.00	19.81 -0.49 -0.03	21.37 -0.57 0.02	26.17 -0.82 0.00	22.02 -0.44 0.00	21.56 -0.31 0.00	23.44 -0.27 0.00	24.76 -0.25 0.00	23.92 -0.49 0.00	24.82 -0.25 0.00	28.14 -0.54 0.00	24.33 -0.41 0.00	27.06 -0.34 0.00	34.63 -0.43 0.00	64.87 -1.00 0.00	32.59 -0.33 0.00	28.51 -0.33 0.00	24.49 -0.49 0.02	20.22 -0.40 0.00	18.21 -0.43 -0.21
ROCHESTER_9_IC 23652	18.71 -0.27 0.00	18.31 -0.37 0.00	18.47 -0.33 0.00	18.33 -0.39 0.00	18.44 -0.44 0.00	19.91 -0.39 -0.03	21.52 -0.44 0.00	26.35 -0.65 0.00	22.17 -0.29 0.00	21.70 -0.18 0.00	23.58 -0.13 0.00	24.90 -0.10 0.00	24.06 -0.35 0.00	24.97 -0.10 0.00	28.31 -0.36 0.00	24.48 -0.27 0.00	27.22 -0.17 0.00	34.87 -0.20 0.00	65.30 -0.57 0.00	32.82 -0.09 0.00	28.70 -0.14 0.00	24.67 -0.34 -0.01	20.34 -0.28 0.00	18.31 -0.34 -0.21
ROCKVIEW_13_KV_LD 356306	20.05 1.06 0.00	19.68 1.00 0.00	19.75 0.96 0.00	19.73 1.01 0.00	19.96 1.09 0.00	21.70 1.32 -0.10	23.51 1.55 0.00	28.96 1.96 0.00	23.97 1.51 0.00	23.32 1.45 0.00	25.50 1.62 -0.16	27.04 1.78 -0.25	26.46 1.81 -0.23	27.09 1.77 -0.24	31.39 2.21 -0.50	26.83 1.89 -0.20	29.65 1.93 -0.33	37.40 2.33 0.00	70.61 4.73 0.00	35.36 2.44 0.00	31.06 2.22 0.00	26.93 1.90 -0.03	22.10 1.48 0.00	20.59 1.28 -0.87
ROME____115KV_TB2 80656	19.69 0.71 0.00	19.32 0.64 0.00	19.43 0.64 0.00	19.33 0.61 0.00	19.48 0.60 0.00	21.05 0.77 -0.01	22.93 0.97 0.00	28.21 1.22 0.00	23.40 0.94 0.00	22.82 0.94 0.00	24.56 0.85 0.00	25.80 0.80 0.00	25.22 0.80 0.00	25.72 0.64 0.00	29.33 0.65 0.00	25.26 0.51 0.00	28.22 0.82 0.00	36.40 1.34 0.00	67.77 1.90 0.00	33.95 1.03 0.00	29.76 0.92 0.00	25.73 0.72 0.00	21.16 0.54 0.00	18.97 0.46 -0.08
ROSETON___1 23587	19.79 0.81 0.00	19.45 0.77 0.00	19.53 0.74 0.00	19.52 0.80 0.00	19.74 0.86 0.00	21.42 1.04 -0.10	23.18 1.22 0.00	28.52 1.53 0.00	23.62 1.16 0.00	22.97 1.10 0.00	25.06 1.21 -0.14	26.56 1.34 -0.22	25.97 1.35 -0.21	26.61 1.32 -0.21	30.81 1.69 -0.44	26.35 1.43 -0.18	29.11 1.43 -0.29	36.81 1.75 0.00	69.47 3.59 0.00	34.78 1.86 0.00	30.54 1.70 0.00	26.49 1.46 -0.03	21.77 1.15 0.00	20.29 1.00 -0.86
ROSETON___2 23588	19.79 0.81 0.00	19.45 0.77 0.00	19.53 0.74 0.00	19.52 0.80 0.00	19.74 0.86 0.00	21.42 1.04 -0.10	23.18 1.22 0.00	28.52 1.53 0.00	23.62 1.16 0.00	22.97 1.10 0.00	25.06 1.21 -0.14	26.56 1.34 -0.22	25.97 1.35 -0.21	26.61 1.32 -0.21	30.81 1.69 -0.44	26.35 1.43 -0.18	29.11 1.43 -0.29	36.81 1.75 0.00	69.47 3.59 0.00	34.78 1.86 0.00	30.54 1.70 0.00	26.49 1.46 -0.03	21.77 1.15 0.00	20.29 1.00 -0.86
ROTTRDAM_115KV_TB3 80664	19.62 0.64 0.00	19.29 0.62 0.00	19.41 0.62 0.00	19.38 0.66 0.00	19.61 0.73 0.00	21.24 0.83 -0.13	22.94 0.97 0.00	28.21 1.22 0.00	23.40 0.95 0.00	22.73 0.86 0.00	24.51 0.92 0.12	25.75 0.94 0.19	25.16 0.92 0.18	25.79 0.90 0.19	29.42 1.12 0.38	25.55 0.96 0.15	28.14 1.00 0.25	36.36 1.29 0.00	68.50 2.63 0.00	34.25 1.33 0.00	30.04 1.20 0.00	26.04 1.00 -0.03	21.42 0.80 0.00	20.23 0.71 -1.09
RUSSELL___1 23602	18.78 -0.20 0.00	18.37 -0.30 0.00	18.53 -0.27 0.00	18.40 -0.33 0.00	18.50 -0.37 0.00	19.99 -0.31 -0.03	21.62 -0.34 0.00	26.48 -0.52 0.00	22.28 -0.18 0.00	21.80 -0.08 0.00	23.68 -0.03 0.00	25.01 0.00 0.00	24.15 -0.26 0.00	25.09 0.02 0.00	28.45 -0.23 0.00	24.60 -0.15 0.00	27.36 -0.03 0.00	35.06 -0.01 0.00	65.67 -0.20 0.00	33.01 0.09 0.00	28.86 0.03 0.00	24.80 -0.22 -0.01	20.43 -0.19 0.00	18.38 -0.27 -0.21

RUSSELL___2 23532	18.78 -0.20 0.00	18.37 -0.30 0.00	18.53 -0.27 0.00	18.40 -0.33 0.00	18.50 -0.37 0.00	19.99 -0.31 -0.03	21.62 -0.34 0.00	26.48 -0.52 0.00	22.28 -0.18 0.00	21.80 -0.08 0.00	23.68 -0.03 0.00	25.01 0.00 0.00	24.15 -0.26 0.00	25.09 0.02 0.00	28.45 -0.23 0.00	24.60 -0.15 0.00	27.36 -0.03 0.00	35.06 -0.01 0.00	65.67 -0.20 0.00	33.01 0.09 0.00	28.86 0.03 0.00	24.80 -0.22 -0.01	20.43 -0.19 0.00	18.38 -0.27 -0.21
RUSSELL___3 23549	18.78 -0.20 0.00	18.37 -0.30 0.00	18.53 -0.27 0.00	18.40 -0.33 0.00	18.50 -0.37 0.00	19.99 -0.31 -0.03	21.62 -0.34 0.00	26.48 -0.52 0.00	22.28 -0.18 0.00	21.80 -0.08 0.00	23.68 -0.03 0.00	25.01 0.00 0.00	24.15 -0.26 0.00	25.09 0.02 0.00	28.45 -0.23 0.00	24.60 -0.15 0.00	27.36 -0.03 0.00	35.06 -0.01 0.00	65.67 -0.20 0.00	33.01 0.09 0.00	28.86 0.03 0.00	24.80 -0.22 -0.01	20.43 -0.19 0.00	18.38 -0.27 -0.21
RUSSELL___4 23556	18.78 -0.20 0.00	18.37 -0.30 0.00	18.53 -0.27 0.00	18.40 -0.33 0.00	18.50 -0.37 0.00	19.99 -0.31 -0.03	21.62 -0.34 0.00	26.48 -0.52 0.00	22.28 -0.18 0.00	21.80 -0.08 0.00	23.68 -0.03 0.00	25.01 0.00 0.00	24.15 -0.26 0.00	25.09 0.02 0.00	28.45 -0.23 0.00	24.60 -0.15 0.00	27.36 -0.03 0.00	35.06 -0.01 0.00	65.67 -0.20 0.00	33.01 0.09 0.00	28.86 0.03 0.00	24.80 -0.22 -0.01	20.43 -0.19 0.00	18.38 -0.27 -0.21
RUSSELL___STATION 23914	18.78 -0.20 0.00	18.37 -0.30 0.00	18.53 -0.27 0.00	18.40 -0.33 0.00	18.50 -0.37 0.00	19.99 -0.31 -0.03	21.62 -0.34 0.00	26.48 -0.52 0.00	22.28 -0.18 0.00	21.80 -0.08 0.00	23.68 -0.03 0.00	25.01 0.00 0.00	24.15 -0.26 0.00	25.09 0.02 0.00	28.45 -0.23 0.00	24.60 -0.15 0.00	27.36 -0.03 0.00	35.06 -0.01 0.00	65.67 -0.20 0.00	33.01 0.09 0.00	28.86 0.03 0.00	24.80 -0.22 -0.01	20.43 -0.19 0.00	18.38 -0.27 -0.21
S SALMON___HYD 24043	18.81 -0.18 0.00	18.44 -0.23 0.00	18.57 -0.22 0.00	18.48 -0.24 0.00	18.63 -0.25 0.00	20.09 -0.20 -0.02	21.77 -0.20 0.00	26.70 -0.30 0.00	22.17 -0.29 0.00	21.58 -0.29 0.00	23.34 -0.38 0.00	24.51 -0.49 0.00	24.01 -0.40 0.00	24.71 -0.37 0.00	28.18 -0.50 0.00	24.23 -0.52 0.00	26.89 -0.50 0.00	34.61 -0.46 0.00	64.97 -0.91 0.00	32.46 -0.46 0.00	28.33 -0.51 0.00	24.56 -0.45 0.00	20.25 -0.37 0.00	18.17 -0.41 -0.14
S.PERRY___115KV_TB1 80734	18.93 -0.06 0.00	18.51 -0.17 0.00	18.90 0.11 0.00	18.75 0.03 0.00	18.86 -0.02 0.00	20.45 0.14 -0.03	22.83 0.26 -0.60	27.21 0.20 -0.02	22.90 0.44 0.00	22.12 0.24 0.00	23.99 0.28 0.00	25.29 0.28 0.00	24.48 0.07 0.00	25.40 0.32 0.00	28.72 0.04 0.00	24.89 0.15 0.00	27.70 0.30 0.00	35.70 0.64 0.00	67.24 1.36 0.00	33.61 0.69 0.00	29.33 0.49 0.00	25.92 0.18 -0.73	20.71 0.09 0.00	18.66 -0.03 -0.26
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	18.45 -0.54 0.00	18.01 -0.67 0.00	18.18 -0.61 0.00	18.00 -0.73 0.00	18.07 -0.81 0.00	19.51 -0.79 -0.03	20.79 -0.99 0.18	25.49 -1.50 0.00	21.61 -0.85 0.00	21.32 -0.55 0.00	23.30 -0.41 0.00	24.64 -0.36 0.00	23.72 -0.69 0.00	24.70 -0.37 0.00	27.82 -0.86 0.00	24.12 -0.62 0.00	26.84 -0.56 0.00	34.21 -0.86 0.00	63.77 -2.11 0.00	32.09 -0.83 0.00	28.04 -0.80 0.00	23.80 -1.00 0.21	19.87 -0.74 0.00	17.93 -0.74 -0.24
SAWYER___23_KV_LOAD 55526	18.45 -0.54 0.00	18.01 -0.67 0.00	18.18 -0.61 0.00	18.00 -0.73 0.00	18.07 -0.81 0.00	19.51 -0.79 -0.03	20.79 -0.99 0.18	25.49 -1.50 0.00	21.61 -0.85 0.00	21.32 -0.55 0.00	23.30 -0.41 0.00	24.64 -0.36 0.00	23.72 -0.69 0.00	24.70 -0.37 0.00	27.82 -0.86 0.00	24.12 -0.62 0.00	26.84 -0.56 0.00	34.21 -0.86 0.00	63.77 -2.11 0.00	32.09 -0.83 0.00	28.04 -0.80 0.00	23.80 -1.00 0.21	19.87 -0.74 0.00	17.93 -0.74 -0.24
SELKIRK___I 23801	19.52 0.54 0.00	19.21 0.53 0.00	19.32 0.53 0.00	19.27 0.55 0.00	19.27 0.39 0.00	20.87 0.47 -0.12	22.52 0.56 0.00	28.05 1.05 0.00	23.27 0.81 0.00	22.54 0.66 0.00	24.36 0.75 0.10	25.62 0.77 0.15	25.02 0.75 0.14	25.66 0.73 0.15	29.33 0.96 0.31	25.44 0.82 0.12	28.06 0.86 0.20	36.15 1.08 0.00	68.11 2.23 0.00	34.05 1.13 0.00	29.87 1.03 0.00	25.91 0.87 -0.03	21.32 0.70 0.00	20.11 0.64 -1.04
SELKIRK___II 23799	19.39 0.41 0.00	19.08 0.40 0.00	19.18 0.40 0.00	19.16 0.44 0.00	19.34 0.47 0.00	20.99 0.59 -0.13	22.64 0.67 0.00	27.87 0.87 0.00	23.13 0.66 0.00	22.40 0.52 0.00	24.19 0.60 0.12	25.45 0.63 0.18	24.87 0.62 0.17	25.50 0.60 0.18	29.13 0.81 0.36	25.27 0.67 0.14	27.84 0.68 0.23	35.92 0.85 0.00	67.70 1.83 0.00	33.85 0.93 0.00	29.70 0.86 0.00	25.77 0.73 -0.03	21.20 0.58 0.00	20.01 0.52 -1.05
SENECA OSWGO___HYD 24041	18.76 -0.22 0.00	18.40 -0.27 0.00	18.52 -0.27 0.00	18.44 -0.29 0.00	18.59 -0.29 0.00	20.00 -0.30 -0.02	21.63 -0.33 0.00	26.55 -0.45 0.00	22.10 -0.36 0.00	21.55 -0.33 0.00	23.34 -0.37 0.00	24.63 -0.37 0.00	24.00 -0.41 0.00	24.70 -0.38 0.00	28.20 -0.48 0.00	24.35 -0.39 0.00	26.97 -0.43 0.00	34.57 -0.50 0.00	64.94 -0.94 0.00	32.48 -0.44 0.00	28.47 -0.37 0.00	24.73 -0.28 0.00	20.37 -0.25 0.00	18.33 -0.26 -0.16
SENECA___115KV_TB3 355854	18.71 -0.28 0.00	18.25 -0.43 0.00	18.42 -0.38 0.00	18.24 -0.49 0.00	18.32 -0.55 0.00	19.80 -0.50 -0.03	21.15 -0.63 0.19	25.98 -1.02 0.00	21.99 -0.46 0.00	21.68 -0.19 0.00	23.69 -0.02 0.00	25.04 0.04 0.00	24.13 -0.28 0.00	25.11 0.04 0.00	28.30 -0.38 0.00	24.52 -0.22 0.00	27.29 -0.11 0.00	34.77 -0.30 0.00	64.74 -1.14 0.00	32.54 -0.38 0.00	28.43 -0.41 0.00	24.12 -0.67 0.22	20.12 -0.50 0.00	18.15 -0.53 -0.25
SENECA___ENERGY 23797	19.01 0.02 0.00	18.61 -0.06 0.00	18.69 -0.10 0.00	18.62 -0.10 0.00	18.79 -0.09 0.00	20.28 -0.02 -0.03	22.08 0.07 -0.04	27.06 0.06 0.00	22.54 0.08 0.00	21.99 0.11 0.00	23.86 0.15 0.00	25.11 0.10 0.00	24.37 -0.04 0.00	25.19 0.11 0.00	28.69 0.01 0.00	24.79 0.05 0.00	27.43 0.04 0.00	35.20 0.13 0.00	66.01 0.13 0.00	33.07 0.15 0.00	28.96 0.12 0.00	25.02 -0.05 -0.06	20.53 -0.09 0.00	18.51 -0.15 -0.22
SHOEMAKER___GT 23640	20.08 1.10 0.00	19.71 1.03 0.00	19.79 1.00 0.00	19.77 1.04 0.00	19.98 1.11 0.00	21.70 1.33 -0.10	23.56 1.60 0.00	29.01 2.02 0.00	24.01 1.55 0.00	23.22 1.35 0.00	25.30 1.46 -0.13	26.80 1.60 -0.20	26.15 1.56 -0.19	26.85 1.58 -0.19	31.02 1.94 -0.40	26.66 1.76 -0.16	29.53 1.88 -0.26	37.52 2.45 0.00	70.88 5.01 0.00	35.49 2.57 0.00	31.14 2.30 0.00	26.82 1.79 -0.02	21.73 1.11 0.00	20.14 0.95 -0.76
SHOEMAKR_138KV_BK 111 55601	20.07 1.08 0.00	19.69 1.02 0.00	19.78 0.99 0.00	19.75 1.03 0.00	19.96 1.09 0.00	21.69 1.32 -0.10	23.54 1.57 0.00	28.99 1.99 0.00	23.98 1.52 0.00	23.20 1.33 0.00	25.29 1.45 -0.13	26.78 1.58 -0.20	26.14 1.55 -0.19	26.83 1.56 -0.19	31.01 1.94 -0.40	26.64 1.74 -0.16	29.50 1.85 -0.26	37.46 2.39 0.00	70.79 4.92 0.00	35.44 2.52 0.00	31.10 2.26 0.00	26.79 1.75 -0.02	21.71 1.09 0.00	20.13 0.94 -0.76

SHOREHAM_IC_1 23715	20.52 1.53 0.00	20.12 1.44 0.00	20.15 1.36 0.00	20.16 1.43 0.00	21.11 1.60 -0.63	36.64 1.85 -14.52	54.15 2.09 -30.10	29.31 2.32 0.00	24.23 1.77 0.00	23.39 1.52 0.00	25.66 1.79 -0.16	27.64 2.19 -0.45	28.10 2.29 -1.40	27.11 1.79 -0.24	31.30 2.12 -0.50	26.52 1.58 -0.20	29.37 1.65 -0.33	37.13 2.06 0.00	71.79 5.91 0.00	35.67 2.75 0.00	31.27 2.43 0.00	27.21 2.18 -0.03	23.31 1.62 -1.07	20.81 1.51 -0.87
SHOREHAM_IC_2 23716	20.52 1.53 0.00	20.12 1.44 0.00	20.15 1.36 0.00	20.16 1.43 0.00	21.11 1.60 -0.63	36.64 1.85 -14.52	54.15 2.09 -30.10	29.31 2.32 0.00	24.23 1.77 0.00	23.39 1.52 0.00	25.66 1.79 -0.16	27.64 2.19 -0.45	28.10 2.29 -1.40	27.11 1.79 -0.24	31.30 2.12 -0.50	26.52 1.58 -0.20	29.37 1.65 -0.33	37.13 2.06 0.00	71.79 5.91 0.00	35.67 2.75 0.00	31.27 2.43 0.00	27.21 2.18 -0.03	23.31 1.62 -1.07	20.81 1.51 -0.87
SISSONVILLE____ 23735	18.96 -0.02 0.00	18.74 0.06 0.00	18.85 0.07 0.00	18.75 0.02 0.00	18.80 -0.08 0.00	20.02 -0.26 0.00	21.39 -0.58 0.00	26.18 -0.82 0.00	21.77 -0.69 0.00	21.28 -0.60 0.00	23.01 -0.70 0.00	24.22 -0.78 0.00	23.72 -0.69 0.00	24.26 -0.82 0.00	27.62 -1.06 0.00	23.86 -0.88 0.00	26.54 -0.85 0.00	34.18 -0.89 0.00	64.26 -1.61 0.00	31.90 -1.02 0.00	27.77 -1.07 0.00	24.14 -0.87 0.00	20.18 -0.44 0.00	18.19 -0.27 -0.03
SITHE_IND_GS1 24169	18.53 -0.46 0.00	18.19 -0.48 0.00	18.31 -0.48 0.00	18.23 -0.49 0.00	18.38 -0.50 0.00	19.73 -0.56 -0.02	21.33 -0.64 0.00	26.17 -0.82 0.00	21.81 -0.65 0.00	21.26 -0.62 0.00	23.04 -0.67 0.00	24.29 -0.71 0.00	23.69 -0.72 0.00	24.37 -0.70 0.00	27.84 -0.84 0.00	24.03 -0.71 0.00	26.61 -0.78 0.00	34.08 -0.98 0.00	63.95 -1.93 0.00	32.01 -0.91 0.00	28.07 -0.77 0.00	24.41 -0.61 0.00	20.12 -0.50 0.00	18.10 -0.47 -0.14
SITHE_IND_GS2 24170	18.53 -0.46 0.00	18.19 -0.48 0.00	18.31 -0.48 0.00	18.23 -0.49 0.00	18.38 -0.50 0.00	19.73 -0.56 -0.02	21.33 -0.64 0.00	26.17 -0.82 0.00	21.81 -0.65 0.00	21.26 -0.62 0.00	23.04 -0.67 0.00	24.29 -0.71 0.00	23.69 -0.72 0.00	24.37 -0.70 0.00	27.84 -0.84 0.00	24.03 -0.71 0.00	26.61 -0.78 0.00	34.08 -0.98 0.00	63.95 -1.93 0.00	32.01 -0.91 0.00	28.07 -0.77 0.00	24.41 -0.61 0.00	20.12 -0.50 0.00	18.10 -0.47 -0.14
SITHE_IND_GS3 24171	18.53 -0.46 0.00	18.19 -0.48 0.00	18.31 -0.48 0.00	18.23 -0.49 0.00	18.38 -0.50 0.00	19.73 -0.56 -0.02	21.33 -0.64 0.00	26.17 -0.82 0.00	21.81 -0.65 0.00	21.26 -0.62 0.00	23.04 -0.67 0.00	24.29 -0.71 0.00	23.69 -0.72 0.00	24.37 -0.70 0.00	27.84 -0.84 0.00	24.03 -0.71 0.00	26.61 -0.78 0.00	34.08 -0.98 0.00	63.95 -1.93 0.00	32.01 -0.91 0.00	28.07 -0.77 0.00	24.41 -0.61 0.00	20.12 -0.50 0.00	18.10 -0.47 -0.14
SITHE_IND_GS4 24172	18.53 -0.46 0.00	18.19 -0.48 0.00	18.31 -0.48 0.00	18.23 -0.49 0.00	18.38 -0.50 0.00	19.73 -0.56 -0.02	21.33 -0.64 0.00	26.17 -0.82 0.00	21.81 -0.65 0.00	21.26 -0.62 0.00	23.04 -0.67 0.00	24.29 -0.71 0.00	23.69 -0.72 0.00	24.37 -0.70 0.00	27.84 -0.84 0.00	24.03 -0.71 0.00	26.61 -0.78 0.00	34.08 -0.98 0.00	63.95 -1.93 0.00	32.01 -0.91 0.00	28.07 -0.77 0.00	24.41 -0.61 0.00	20.12 -0.50 0.00	18.10 -0.47 -0.14
SITHE____BATAVIA 24024	18.87 -0.11 0.00	18.42 -0.25 0.00	18.60 -0.19 0.00	18.43 -0.30 0.00	18.51 -0.36 0.00	20.02 -0.28 -0.03	21.52 -0.36 0.08	26.35 -0.64 0.00	22.32 -0.13 0.00	21.88 0.01 0.00	23.74 0.03 0.00	25.05 0.05 0.00	24.21 -0.21 0.00	25.10 0.02 0.00	28.28 -0.39 0.00	24.45 -0.29 0.00	27.31 -0.08 0.00	35.01 -0.06 0.00	65.66 -0.22 0.00	33.10 0.18 0.00	29.02 0.19 0.00	24.72 -0.19 0.09	20.50 -0.12 0.00	18.45 -0.21 -0.23
SITHE____INDEPEND 23800	18.53 -0.46 0.00	18.19 -0.48 0.00	18.31 -0.48 0.00	18.23 -0.49 0.00	18.38 -0.50 0.00	19.73 -0.56 -0.02	21.33 -0.64 0.00	26.17 -0.82 0.00	21.81 -0.65 0.00	21.26 -0.61 0.00	23.04 -0.67 0.00	24.30 -0.70 0.00	23.69 -0.72 0.00	24.37 -0.70 0.00	27.84 -0.84 0.00	24.03 -0.71 0.00	26.61 -0.78 0.00	34.08 -0.98 0.00	63.96 -1.92 0.00	32.01 -0.91 0.00	28.07 -0.77 0.00	24.41 -0.60 0.00	20.12 -0.50 0.00	18.10 -0.47 -0.14
SITHE____MASSENA 23902	18.98 0.00 0.00	18.75 0.07 0.00	18.87 0.08 0.00	18.78 0.06 0.00	18.87 -0.01 0.00	20.16 -0.11 0.00	21.71 -0.25 0.00	26.66 -0.33 0.00	22.20 -0.26 0.00	21.71 -0.17 0.00	23.52 -0.19 0.00	24.78 -0.22 0.00	24.24 -0.18 0.00	24.85 -0.22 0.00	28.33 -0.35 0.00	24.47 -0.28 0.00	27.18 -0.22 0.00	34.83 -0.23 0.00	65.39 -0.48 0.00	32.55 -0.37 0.00	28.42 -0.42 0.00	24.63 -0.38 0.00	20.40 -0.22 0.00	18.30 -0.13 0.00
SITHE____OGDNSBRG 24021	19.61 0.63 0.00	19.35 0.68 0.00	19.43 0.63 0.00	19.35 0.62 0.00	19.43 0.56 0.00	20.76 0.48 0.00	22.30 0.33 0.00	27.33 0.33 0.00	22.70 0.24 0.00	22.21 0.34 0.00	23.96 0.25 0.00	25.25 0.25 0.00	24.60 0.19 0.00	25.00 -0.07 0.00	28.50 -0.18 0.00	24.76 0.02 0.00	27.46 0.07 0.00	35.63 0.56 0.00	67.15 1.28 0.00	33.32 0.40 0.00	28.99 0.15 0.00	25.15 0.14 0.00	20.93 0.31 0.00	18.78 0.32 -0.03
SITHE____STERLING 23777	19.60 0.61 0.00	19.22 0.54 0.00	19.32 0.53 0.00	19.23 0.51 0.00	19.38 0.50 0.00	20.94 0.66 -0.01	22.80 0.83 0.00	28.06 1.06 0.00	23.29 0.83 0.00	22.69 0.82 0.00	24.45 0.74 0.00	25.70 0.70 0.00	25.14 0.72 0.00	25.68 0.60 0.00	29.25 0.57 0.00	25.18 0.44 0.00	28.07 0.67 0.00	36.17 1.11 0.00	67.35 1.48 0.00	33.76 0.84 0.00	29.67 0.83 0.00	25.65 0.64 0.00	21.10 0.48 0.00	18.93 0.41 -0.09
SLEIGHT__34_KV_TB1 80719	18.75 -0.24 0.00	18.37 -0.31 0.00	18.49 -0.30 0.00	18.40 -0.33 0.00	18.53 -0.34 0.00	20.00 -0.30 -0.03	21.67 -0.30 0.00	26.59 -0.41 0.00	22.20 -0.26 0.00	21.70 -0.17 0.00	23.57 -0.14 0.00	24.87 -0.13 0.00	24.14 -0.27 0.00	24.93 -0.14 0.00	28.38 -0.30 0.00	24.54 -0.21 0.00	27.21 -0.18 0.00	34.89 -0.17 0.00	65.38 -0.50 0.00	32.81 -0.11 0.00	28.70 -0.14 0.00	24.71 -0.31 -0.01	20.34 -0.28 0.00	18.32 -0.32 -0.21
SOUTH CAIRO____GT 23612	19.96 0.97 0.00	19.63 0.95 0.00	19.74 0.95 0.00	19.72 0.99 0.00	19.90 1.03 0.00	21.66 1.27 -0.12	23.47 1.50 0.00	29.03 2.04 0.00	24.12 1.66 0.00	23.11 1.24 0.00	25.09 1.45 0.07	26.28 1.40 0.11	25.45 1.14 0.10	26.16 1.19 0.11	30.02 1.56 0.22	26.07 1.42 0.09	28.84 1.59 0.15	37.27 2.20 0.00	70.54 4.67 0.00	35.24 2.32 0.00	30.86 2.02 0.00	26.68 1.64 -0.03	21.90 1.28 0.00	20.50 1.07 -1.00
SOUTH HAMPTN____IC 23720	20.78 1.79 0.00	20.36 1.69 0.00	20.40 1.61 0.00	20.41 1.69 0.00	21.37 1.86 -0.63	36.94 2.15 -14.52	54.56 2.50 -30.10	29.83 2.83 0.00	24.72 2.26 0.00	23.77 1.89 0.00	26.02 2.14 -0.16	28.08 2.63 -0.45	28.51 2.70 -1.40	27.65 2.33 -0.24	31.93 2.75 -0.50	27.11 2.17 -0.20	30.05 2.32 -0.33	38.00 2.94 0.00	73.34 7.46 0.00	36.44 3.52 0.00	31.96 3.13 0.00	27.79 2.75 -0.03	23.73 2.06 -1.05	21.10 1.80 -0.87

SOUTHDOW_115KV_TB1 355954	19.20 0.21 0.00	18.80 0.12 0.00	18.90 0.11 0.00	18.75 0.02 0.00	18.91 0.04 0.00	20.44 0.14 -0.03	22.10 0.25 0.11	27.30 0.30 0.00	23.08 0.62 0.00	22.73 0.86 0.00	24.84 1.13 0.00	26.30 1.30 0.00	25.39 0.98 0.00	26.39 1.32 0.00	29.80 1.12 0.00	25.79 1.04 0.00	28.64 1.24 0.00	36.40 1.33 0.00	67.19 1.32 0.00	33.61 0.69 0.00	29.38 0.54 0.00	24.99 0.10 0.12	20.72 0.10 0.00	18.62 -0.07 -0.26
SOUTHOLD_69_KV_BK 2 55809	20.97 1.99 0.00	20.55 1.88 0.00	20.59 1.80 0.00	20.60 1.88 0.00	21.56 2.06 -0.63	37.20 2.41 -14.52	54.85 2.78 -30.10	30.25 3.25 0.00	25.03 2.57 0.00	23.97 2.10 0.00	26.29 2.41 -0.16	28.21 2.76 -0.45	28.79 2.98 -1.39	27.98 2.66 -0.24	32.31 3.13 -0.50	27.47 2.52 -0.20	30.47 2.74 -0.33	38.54 3.48 0.00	74.60 8.72 0.00	36.95 4.03 0.00	32.42 3.58 0.00	28.11 3.07 -0.03	23.95 2.28 -1.05	21.30 2.00 -0.87
SOUTHOLD___IC 23719	20.97 1.99 0.00	20.55 1.88 0.00	20.59 1.80 0.00	20.60 1.87 0.00	21.56 2.06 -0.63	37.17 2.38 -14.52	54.84 2.78 -30.10	30.20 3.20 0.00	25.05 2.59 0.00	24.04 2.17 0.00	26.29 2.41 -0.16	28.37 2.92 -0.45	28.79 2.98 -1.40	27.98 2.66 -0.24	32.31 3.14 -0.50	27.47 2.52 -0.20	30.47 2.74 -0.33	38.55 3.48 0.00	74.41 8.54 0.00	36.95 4.03 0.00	32.42 3.58 0.00	28.16 3.12 -0.03	24.00 2.33 -1.05	21.30 2.00 -0.87
SPIERFLS_115KV_TB 1 80737	19.77 0.79 0.00	19.45 0.77 0.00	19.64 0.85 0.00	19.64 0.92 0.00	20.04 1.17 0.00	21.78 1.38 -0.13	23.57 1.61 0.00	29.09 2.10 0.00	24.20 1.74 0.00	23.40 1.53 0.00	25.19 1.63 0.15	26.49 1.72 0.23	25.86 1.66 0.21	26.54 1.69 0.22	30.28 2.06 0.45	26.33 1.77 0.18	28.81 1.71 0.30	37.23 2.16 0.00	70.36 4.48 0.00	35.15 2.23 0.00	30.71 1.87 0.00	26.59 1.55 -0.03	21.84 1.23 0.00	20.52 1.01 -1.08
ST LAWRENCE____ 23600	18.79 -0.20 0.00	18.56 -0.12 0.00	18.68 -0.10 0.00	18.58 -0.14 0.00	18.68 -0.20 0.00	19.96 -0.31 0.00	21.54 -0.43 0.00	26.46 -0.54 0.00	22.06 -0.40 0.00	21.55 -0.32 0.00	23.34 -0.37 0.00	24.61 -0.39 0.00	24.06 -0.36 0.00	24.69 -0.38 0.00	28.16 -0.52 0.00	24.31 -0.43 0.00	27.01 -0.39 0.00	34.59 -0.48 0.00	64.91 -0.96 0.00	32.33 -0.59 0.00	28.24 -0.60 0.00	24.46 -0.55 0.00	20.23 -0.39 0.00	18.14 -0.29 0.00
STATE_CA_115KV_115_LB 55624	19.37 0.38 0.00	19.05 0.38 0.00	19.15 0.36 0.00	19.14 0.41 0.00	19.34 0.47 0.00	21.04 0.64 -0.13	22.67 0.71 0.00	27.85 0.85 0.00	23.16 0.71 0.00	22.41 0.54 0.00	24.17 0.62 0.16	25.39 0.64 0.25	24.81 0.64 0.23	25.46 0.63 0.24	29.04 0.86 0.50	25.25 0.71 0.20	27.81 0.74 0.33	36.02 0.95 0.00	67.89 2.02 0.00	33.93 1.01 0.00	29.74 0.90 0.00	25.77 0.73 -0.03	21.20 0.58 0.00	20.02 0.53 -1.06
STATE_ST_34_KV_LOAD 55959	19.25 0.26 0.00	18.91 0.24 0.00	18.96 0.16 0.00	18.95 0.23 0.00	19.11 0.24 0.00	20.56 0.26 -0.03	22.46 0.46 -0.03	27.72 0.72 0.00	23.03 0.57 0.00	22.37 0.50 0.00	24.27 0.56 0.00	25.56 0.56 0.00	24.91 0.50 0.00	25.71 0.64 0.00	29.43 0.76 0.00	25.39 0.64 0.00	28.06 0.66 0.00	36.01 0.94 0.00	67.35 1.48 0.00	33.81 0.89 0.00	29.64 0.80 0.00	25.53 0.49 -0.04	20.99 0.37 0.00	18.87 0.21 -0.22
STATION 5_MISC_HYD 23604	18.71 -0.27 0.00	18.31 -0.36 0.00	18.47 -0.33 0.00	18.33 -0.39 0.00	18.44 -0.43 0.00	19.91 -0.39 -0.03	21.53 -0.44 0.00	26.35 -0.65 0.00	22.16 -0.30 0.00	21.69 -0.19 0.00	23.59 -0.13 0.00	24.88 -0.12 0.00	24.04 -0.37 0.00	24.97 -0.10 0.00	28.31 -0.37 0.00	24.47 -0.27 0.00	27.22 -0.17 0.00	34.86 -0.20 0.00	65.29 -0.59 0.00	32.82 -0.10 0.00	28.70 -0.13 0.00	24.66 -0.35 -0.01	20.33 -0.28 0.00	18.31 -0.34 -0.21
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	18.97 -0.02 0.00	18.56 -0.11 0.00	18.69 -0.10 0.00	18.58 -0.14 0.00	18.72 -0.15 0.00	20.23 -0.07 -0.03	21.92 -0.04 0.00	26.84 -0.16 0.00	22.47 0.01 0.00	21.96 0.08 0.00	23.84 0.13 0.00	25.12 0.12 0.00	24.32 -0.09 0.00	25.17 0.09 0.00	28.62 -0.06 0.00	24.77 0.03 0.00	27.50 0.11 0.00	35.28 0.21 0.00	66.12 0.25 0.00	33.17 0.25 0.00	29.01 0.17 0.00	24.98 -0.04 -0.01	20.56 -0.06 0.00	18.52 -0.12 -0.22
STA_56_34_KV_BUS2_REV_LBMP_B 345033	18.63 -0.36 0.00	18.23 -0.44 0.00	18.38 -0.41 0.00	18.25 -0.47 0.00	18.37 -0.51 0.00	19.83 -0.47 -0.03	21.46 -0.51 0.00	26.47 -0.53 0.00	22.25 -0.21 0.00	21.78 -0.09 0.00	23.69 -0.02 0.00	24.97 -0.03 0.00	23.95 -0.46 0.00	24.85 -0.23 0.00	28.19 -0.49 0.00	24.37 -0.37 0.00	27.11 -0.29 0.00	34.73 -0.34 0.00	65.04 -0.83 0.00	32.67 -0.25 0.00	28.57 -0.27 0.00	24.58 -0.43 -0.01	20.25 -0.37 0.00	18.23 -0.42 -0.21
STA_56___34_KV_BUS2 355983	18.63 -0.36 0.00	18.23 -0.44 0.00	18.38 -0.41 0.00	18.25 -0.47 0.00	18.37 -0.51 0.00	19.83 -0.47 -0.03	21.46 -0.51 0.00	26.47 -0.53 0.00	22.25 -0.21 0.00	21.78 -0.09 0.00	23.69 -0.02 0.00	24.97 -0.03 0.00	23.95 -0.46 0.00	24.85 -0.23 0.00	28.19 -0.49 0.00	24.37 -0.37 0.00	27.11 -0.29 0.00	34.73 -0.34 0.00	65.04 -0.83 0.00	32.67 -0.25 0.00	28.57 -0.27 0.00	24.58 -0.43 -0.01	20.25 -0.37 0.00	18.23 -0.42 -0.21
STA_67___115KV_BK2 355882	18.68 -0.30 0.00	18.28 -0.39 0.00	18.44 -0.36 0.00	18.30 -0.42 0.00	18.41 -0.47 0.00	19.87 -0.43 -0.03	21.48 -0.49 0.00	26.28 -0.72 0.00	22.11 -0.35 0.00	21.65 -0.23 0.00	23.53 -0.18 0.00	24.85 -0.15 0.00	24.01 -0.40 0.00	24.92 -0.15 0.00	28.25 -0.42 0.00	24.42 -0.32 0.00	27.16 -0.23 0.00	34.78 -0.29 0.00	65.14 -0.73 0.00	32.73 -0.19 0.00	28.63 -0.20 0.00	24.61 -0.40 -0.01	20.29 -0.33 0.00	18.27 -0.38 -0.21
STA_7___115KV_9TRANS 80674	18.78 -0.20 0.00	18.37 -0.30 0.00	18.53 -0.27 0.00	18.40 -0.33 0.00	18.50 -0.37 0.00	19.99 -0.31 -0.03	21.62 -0.34 0.00	26.48 -0.52 0.00	22.28 -0.18 0.00	21.80 -0.08 0.00	23.68 -0.03 0.00	25.01 0.00 0.00	24.15 -0.26 0.00	25.09 0.02 0.00	28.45 -0.23 0.00	24.60 -0.15 0.00	27.36 -0.03 0.00	35.06 -0.01 0.00	65.67 -0.20 0.00	33.01 0.09 0.00	28.86 0.03 0.00	24.80 -0.22 -0.01	20.43 -0.19 0.00	18.38 -0.27 -0.21
STA_82___115KV_TB1 80780	18.68 -0.30 0.00	18.29 -0.39 0.00	18.44 -0.35 0.00	18.31 -0.41 0.00	18.42 -0.46 0.00	19.89 -0.41 -0.03	21.49 -0.47 0.00	26.30 -0.69 0.00	22.14 -0.32 0.00	21.67 -0.21 0.00	23.55 -0.16 0.00	24.86 -0.14 0.00	24.02 -0.39 0.00	24.93 -0.14 0.00	28.27 -0.41 0.00	24.44 -0.30 0.00	27.18 -0.21 0.00	34.80 -0.26 0.00	65.21 -0.67 0.00	32.76 -0.15 0.00	28.66 -0.18 0.00	24.64 -0.38 -0.01	20.31 -0.31 0.00	18.28 -0.37 -0.21
STEEL___WIND 323596	18.69 -0.29 0.00	18.24 -0.44 0.00	18.40 -0.39 0.00	18.22 -0.50 0.00	18.31 -0.56 0.00	19.80 -0.50 -0.03	21.14 -0.63 0.19	25.96 -1.03 0.00	21.96 -0.50 0.00	21.64 -0.23 0.00	23.67 -0.05 0.00	24.97 -0.03 0.00	24.08 -0.34 0.00	25.07 -0.01 0.00	28.26 -0.42 0.00	24.47 -0.27 0.00	27.24 -0.15 0.00	34.72 -0.35 0.00	64.63 -1.24 0.00	32.49 -0.43 0.00	28.39 -0.45 0.00	24.05 -0.74 0.22	20.08 -0.54 0.00	18.13 -0.55 -0.25

STEPHTWN_115KV_BK_2 55603	19.51 0.52 0.00	19.18 0.50 0.00	19.25 0.46 0.00	19.22 0.50 0.00	19.51 0.64 0.00	21.20 0.80 -0.13	22.85 0.89 0.00	28.09 1.10 0.00	23.28 0.82 0.00	22.48 0.61 0.00	24.27 0.72 0.16	25.48 0.73 0.25	24.86 0.68 0.23	25.50 0.67 0.24	29.10 0.92 0.50	25.30 0.76 0.20	27.94 0.87 0.33	36.15 1.08 0.00	68.21 2.33 0.00	34.12 1.20 0.00	30.00 1.16 0.00	25.92 0.88 -0.03	21.33 0.71 0.00	20.10 0.61 -1.05
STEUBEN_REC_LFGE 323667	18.81 -0.17 0.00	18.20 -0.48 0.00	18.29 -0.50 0.00	18.28 -0.45 0.00	18.39 -0.49 0.00	20.01 -0.30 -0.04	22.27 -0.09 -0.39	26.52 -0.48 -0.01	22.39 -0.07 0.00	21.91 0.03 0.00	23.96 0.25 0.00	25.24 0.24 0.00	24.38 -0.03 0.00	25.37 0.29 0.00	28.70 0.02 0.00	25.03 0.29 0.00	27.78 0.38 0.00	35.59 0.53 0.00	65.70 -0.18 0.00	32.40 -0.52 0.00	28.21 -0.62 0.00	24.75 -0.73 -0.48	19.91 -0.70 0.00	17.97 -0.76 -0.30
STILLWATER___SOLAR 323814	19.82 0.84 0.00	19.49 0.81 0.00	19.60 0.81 0.00	19.59 0.87 0.00	19.88 1.01 0.00	21.58 1.18 -0.13	23.34 1.37 0.00	28.72 1.73 0.00	23.86 1.40 0.00	23.12 1.24 0.00	24.87 1.31 0.16	26.12 1.37 0.25	25.52 1.34 0.23	26.20 1.36 0.24	29.86 1.67 0.49	25.97 1.42 0.20	28.54 1.46 0.32	36.97 1.90 0.00	69.78 3.91 0.00	34.86 1.94 0.00	30.53 1.69 0.00	26.45 1.41 -0.03	21.74 1.12 0.00	20.48 0.97 -1.08
STONY___BROOK 24151	20.42 1.43 0.00	20.02 1.35 0.00	20.06 1.27 0.00	20.06 1.34 0.00	21.01 1.51 -0.63	36.54 1.75 -14.52	54.07 2.00 -30.10	29.18 2.18 0.00	24.15 1.68 0.00	23.32 1.45 0.00	25.61 1.73 -0.16	27.62 2.17 -0.45	28.10 2.29 -1.40	27.36 2.04 -0.24	31.62 2.44 -0.50	26.94 1.99 -0.20	29.78 2.06 -0.33	37.56 2.50 0.00	71.70 5.82 0.00	35.83 2.91 0.00	31.59 2.76 0.00	27.52 2.48 -0.03	23.57 1.86 -1.09	20.89 1.59 -0.87
STURGEON_POOL_HYD 23609	19.94 0.96 0.00	19.58 0.91 0.00	19.67 0.88 0.00	19.66 0.94 0.00	19.90 1.03 0.00	21.59 1.21 -0.11	23.38 1.42 0.00	28.72 1.72 0.00	23.73 1.28 0.00	23.11 1.24 0.00	25.14 1.37 -0.06	26.65 1.55 -0.09	26.01 1.52 -0.08	26.65 1.48 -0.09	30.73 1.87 -0.18	26.39 1.57 -0.07	29.10 1.59 -0.12	36.97 1.91 0.00	69.85 3.97 0.00	35.00 2.08 0.00	30.75 1.91 0.00	26.65 1.62 -0.03	21.89 1.27 0.00	20.42 1.11 -0.88
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	19.88 0.89 0.00	19.52 0.84 0.00	19.61 0.82 0.00	19.58 0.86 0.00	19.79 0.92 0.00	21.49 1.12 -0.10	23.29 1.32 0.00	28.67 1.67 0.00	23.71 1.25 0.00	23.05 1.18 0.00	25.14 1.30 -0.13	26.62 1.42 -0.20	26.02 1.42 -0.19	26.66 1.39 -0.19	30.87 1.79 -0.40	26.44 1.54 -0.16	29.23 1.57 -0.26	37.01 1.94 0.00	69.88 4.00 0.00	34.99 2.07 0.00	30.71 1.88 0.00	26.60 1.57 -0.02	21.78 1.16 0.00	20.22 1.01 -0.78
SWANROAD_115KV_TB1 355699	18.09 -0.90 0.00	17.65 -1.03 0.00	17.83 -0.96 0.00	17.65 -1.07 0.00	17.71 -1.17 0.00	19.09 -1.21 -0.03	20.34 -1.49 0.14	24.88 -2.11 0.00	21.20 -1.26 0.00	20.87 -1.00 0.00	22.76 -0.95 0.00	24.08 -0.93 0.00	23.19 -1.23 0.00	24.15 -0.92 0.00	27.16 -1.52 0.00	23.54 -1.20 0.00	26.20 -1.19 0.00	33.36 -1.71 0.00	62.34 -3.53 0.00	31.43 -1.49 0.00	27.51 -1.33 0.00	23.36 -1.50 0.16	19.49 -1.13 0.00	17.60 -1.07 -0.24
SYNERGY___BIOGAS 323694	18.87 -0.11 0.00	18.42 -0.25 0.00	18.60 -0.19 0.00	18.43 -0.30 0.00	18.51 -0.36 0.00	20.02 -0.28 -0.03	21.52 -0.36 0.08	26.35 -0.64 0.00	22.32 -0.13 0.00	21.88 0.01 0.00	23.74 0.03 0.00	25.05 0.05 0.00	24.21 -0.21 0.00	25.10 0.02 0.00	28.28 -0.39 0.00	24.45 -0.29 0.00	27.31 -0.08 0.00	35.01 -0.06 0.00	65.66 -0.22 0.00	33.10 0.18 0.00	29.02 0.19 0.00	24.72 -0.19 0.09	20.50 -0.12 0.00	18.45 -0.21 -0.23
SYRACUSE___ENERGY_ST1 323597	19.09 0.11 0.00	18.74 0.06 0.00	18.83 0.05 0.00	18.76 0.04 0.00	18.93 0.06 0.00	20.38 0.09 -0.02	22.07 0.10 0.00	27.08 0.09 0.00	22.54 0.08 0.00	21.98 0.10 0.00	23.83 0.12 0.00	25.14 0.14 0.00	24.49 0.08 0.00	25.20 0.13 0.00	28.79 0.12 0.00	24.87 0.13 0.00	27.56 0.16 0.00	35.31 0.25 0.00	66.24 0.37 0.00	33.17 0.25 0.00	29.07 0.24 0.00	25.18 0.17 -0.01	20.73 0.11 0.00	18.68 0.05 -0.20
SYRACUSE___ENERGY_ST2 323598	19.09 0.11 0.00	18.74 0.06 0.00	18.83 0.05 0.00	18.76 0.04 0.00	18.93 0.06 0.00	20.38 0.09 -0.02	22.07 0.10 0.00	27.08 0.09 0.00	22.54 0.08 0.00	21.98 0.10 0.00	23.83 0.12 0.00	25.14 0.14 0.00	24.49 0.08 0.00	25.20 0.13 0.00	28.79 0.12 0.00	24.87 0.13 0.00	27.56 0.16 0.00	35.31 0.25 0.00	66.24 0.37 0.00	33.17 0.25 0.00	29.07 0.24 0.00	25.18 0.17 -0.01	20.73 0.11 0.00	18.68 0.05 -0.20
SYRACUSE___POWER 24017	19.06 0.07 0.00	18.68 0.01 0.00	18.79 0.00 0.00	18.71 -0.02 0.00	18.87 0.00 0.00	20.32 0.03 -0.02	22.01 0.04 0.00	27.02 0.03 0.00	22.50 0.04 0.00	21.95 0.07 0.00	23.79 0.08 0.00	25.10 0.10 0.00	24.45 0.04 0.00	25.18 0.10 0.00	28.75 0.07 0.00	24.83 0.09 0.00	27.51 0.12 0.00	35.24 0.18 0.00	66.16 0.28 0.00	33.12 0.20 0.00	29.03 0.19 0.00	25.16 0.14 -0.01	20.70 0.08 0.00	18.66 0.03 -0.20
TALLMAN__138KV_BK151 55660	19.84 0.85 0.00	19.47 0.79 0.00	19.56 0.77 0.00	19.54 0.82 0.00	19.74 0.87 0.00	21.45 1.08 -0.10	23.25 1.29 0.00	28.65 1.65 0.00	23.69 1.23 0.00	23.04 1.16 0.00	25.15 1.30 -0.13	26.64 1.43 -0.21	26.07 1.47 -0.19	26.73 1.46 -0.20	30.99 1.90 -0.41	26.52 1.61 -0.16	29.28 1.62 -0.27	37.03 1.96 0.00	69.89 4.01 0.00	34.99 2.07 0.00	30.72 1.89 0.00	26.66 1.62 -0.02	21.87 1.25 0.00	20.31 1.09 -0.80
TEALLAVE_115KV_TB7 355573	18.91 -0.07 0.00	18.55 -0.13 0.00	18.66 -0.13 0.00	18.58 -0.14 0.00	18.74 -0.14 0.00	20.17 -0.12 -0.02	21.82 -0.14 0.00	26.79 -0.20 0.00	22.33 -0.13 0.00	21.78 -0.09 0.00	23.63 -0.08 0.00	24.94 -0.06 0.00	24.30 -0.11 0.00	25.03 -0.05 0.00	28.58 -0.10 0.00	24.67 -0.07 0.00	27.33 -0.07 0.00	34.99 -0.08 0.00	65.66 -0.21 0.00	32.88 -0.04 0.00	28.82 -0.02 0.00	24.98 -0.03 -0.01	20.57 -0.05 0.00	18.52 -0.09 -0.18
TELEGRAPH_34_KV_EAST 80808	18.53 -0.45 0.00	18.09 -0.59 0.00	18.27 -0.53 0.00	18.09 -0.63 0.00	18.16 -0.72 0.00	19.61 -0.69 -0.03	21.00 -0.86 0.10	25.72 -1.28 0.00	21.83 -0.62 0.00	21.47 -0.40 0.00	23.37 -0.35 0.00	24.69 -0.31 0.00	23.87 -0.55 0.00	24.76 -0.31 0.00	27.88 -0.79 0.00	24.15 -0.60 0.00	26.91 -0.48 0.00	34.33 -0.73 0.00	64.25 -1.63 0.00	32.37 -0.55 0.00	28.30 -0.54 0.00	24.09 -0.80 0.12	20.03 -0.59 0.00	18.05 -0.61 -0.23
TEMPLE___115KV_TB 2 55572	18.93 -0.05 0.00	18.57 -0.11 0.00	18.67 -0.12 0.00	18.59 -0.13 0.00	18.75 -0.12 0.00	20.19 -0.11 -0.02	21.85 -0.12 0.00	26.82 -0.18 0.00	22.35 -0.11 0.00	21.81 -0.07 0.00	23.66 -0.05 0.00	24.97 -0.03 0.00	24.32 -0.09 0.00	25.05 -0.02 0.00	28.61 -0.07 0.00	24.70 -0.04 0.00	27.36 -0.04 0.00	35.03 -0.03 0.00	65.74 -0.14 0.00	32.91 -0.01 0.00	28.84 0.01 0.00	25.01 0.00 -0.01	20.59 -0.03 0.00	18.54 -0.07 -0.18

TIANA___69_KV_BK 1 55817	20.71 1.72 0.00	20.30 1.63 0.00	20.34 1.55 0.00	20.34 1.62 0.00	21.30 1.79 -0.63	36.89 2.10 -14.52	54.45 2.39 -30.10	29.74 2.75 0.00	24.58 2.12 0.00	23.62 1.74 0.00	25.92 2.05 -0.16	27.83 2.38 -0.45	28.41 2.61 -1.39	27.52 2.20 -0.24	31.78 2.60 -0.50	26.98 2.04 -0.20	29.90 2.18 -0.33	37.81 2.74 0.00	73.13 7.25 0.00	36.26 3.34 0.00	31.81 2.97 0.00	27.63 2.60 -0.03	23.61 1.94 -1.05	21.04 1.74 -0.87
TILDEN___115KV_TB1 80814	19.06 0.07 0.00	18.68 0.01 0.00	18.79 0.00 0.00	18.71 -0.02 0.00	18.87 0.00 0.00	20.32 0.03 -0.02	22.01 0.04 0.00	27.02 0.03 0.00	22.50 0.04 0.00	21.95 0.07 0.00	23.79 0.08 0.00	25.10 0.10 0.00	24.45 0.04 0.00	25.18 0.10 0.00	28.75 0.07 0.00	24.83 0.09 0.00	27.51 0.12 0.00	35.24 0.18 0.00	66.16 0.28 0.00	33.12 0.20 0.00	29.03 0.19 0.00	25.16 0.14 -0.01	20.70 0.08 0.00	18.66 0.03 -0.20
TRIGEN___CC 323695	20.22 1.23 0.00	19.85 1.17 0.00	19.89 1.10 0.00	19.90 1.17 0.00	20.83 1.32 -0.63	36.33 1.54 -14.52	53.86 1.80 -30.10	29.06 2.07 0.00	24.00 1.54 0.00	23.29 1.42 0.00	25.54 1.67 -0.16	27.42 1.97 -0.45	27.89 2.08 -1.39	27.19 1.87 -0.24	31.47 2.29 -0.50	26.90 1.96 -0.20	29.70 1.98 -0.33	37.41 2.34 0.00	70.92 5.04 0.00	35.46 2.54 0.00	31.25 2.41 0.00	27.16 2.12 -0.03	29.41 1.65 -7.15	20.74 1.44 -0.87
TRINITY___115KV___4 BK 55933	19.31 0.32 0.00	18.99 0.32 0.00	19.09 0.30 0.00	19.07 0.35 0.00	19.28 0.40 0.00	20.97 0.57 -0.13	22.59 0.62 0.00	27.72 0.73 0.00	23.05 0.59 0.00	22.29 0.41 0.00	24.03 0.48 0.16	25.24 0.49 0.25	24.67 0.50 0.23	25.32 0.49 0.24	28.87 0.69 0.50	25.11 0.57 0.20	27.63 0.57 0.33	35.80 0.74 0.00	67.50 1.62 0.00	33.73 0.81 0.00	29.58 0.74 0.00	25.64 0.60 -0.03	21.09 0.48 0.00	19.92 0.43 -1.06
UNION___PROCESSING_DRP 323587	18.69 -0.29 0.00	18.29 -0.38 0.00	18.45 -0.34 0.00	18.32 -0.41 0.00	18.42 -0.45 0.00	19.89 -0.41 -0.03	21.50 -0.47 0.00	26.31 -0.68 0.00	22.15 -0.31 0.00	21.67 -0.20 0.00	23.55 -0.15 0.00	24.88 -0.12 0.00	24.03 -0.39 0.00	24.95 -0.13 0.00	28.28 -0.40 0.00	24.45 -0.30 0.00	27.19 -0.20 0.00	34.82 -0.24 0.00	65.22 -0.65 0.00	32.78 -0.14 0.00	28.67 -0.17 0.00	24.65 -0.37 -0.01	20.31 -0.31 0.00	18.28 -0.36 -0.21
UPPER HUDSON___HYD 24058	19.77 0.79 0.00	19.45 0.77 0.00	19.64 0.85 0.00	19.64 0.92 0.00	20.04 1.17 0.00	21.78 1.38 -0.13	23.57 1.61 0.00	29.09 2.09 0.00	24.20 1.74 0.00	23.41 1.54 0.00	25.19 1.63 0.15	26.51 1.73 0.23	25.86 1.66 0.21	26.54 1.69 0.22	30.28 2.06 0.45	26.33 1.77 0.18	28.81 1.71 0.30	37.23 2.16 0.00	70.35 4.47 0.00	35.15 2.23 0.00	30.71 1.87 0.00	26.60 1.56 -0.03	21.85 1.24 0.00	20.52 1.01 -1.08
UPPER RAQUET___HYD 24056	18.96 -0.02 0.00	18.74 0.06 0.00	18.85 0.07 0.00	18.75 0.02 0.00	18.80 -0.07 0.00	20.02 -0.26 0.00	21.39 -0.58 0.00	26.18 -0.82 0.00	21.77 -0.69 0.00	21.27 -0.60 0.00	23.01 -0.70 0.00	24.22 -0.79 0.00	23.72 -0.69 0.00	24.26 -0.82 0.00	27.62 -1.06 0.00	23.86 -0.88 0.00	26.54 -0.85 0.00	34.18 -0.88 0.00	64.27 -1.61 0.00	31.90 -1.02 0.00	27.77 -1.07 0.00	24.14 -0.87 0.00	20.17 -0.45 0.00	18.19 -0.27 -0.03
VALLEY44_115KV_TB2 355964	19.32 0.34 0.00	18.85 0.17 0.00	19.01 0.22 0.00	18.89 0.17 0.00	19.04 0.17 0.00	20.61 0.30 -0.03	22.22 0.35 0.09	27.25 0.26 0.00	22.91 0.45 0.00	22.54 0.67 0.00	24.55 0.84 0.00	25.95 0.95 0.00	25.13 0.71 0.00	26.07 0.99 0.00	29.59 0.91 0.00	25.49 0.75 0.00	28.19 0.80 0.00	35.98 0.91 0.00	67.04 1.17 0.00	33.69 0.77 0.00	29.47 0.63 0.00	25.18 0.27 0.10	20.86 0.24 0.00	18.86 0.16 -0.26
VALLEY___115KV_TB 1-4 80826	19.35 0.36 0.00	19.02 0.34 0.00	19.14 0.34 0.00	19.09 0.36 0.00	19.30 0.42 0.00	20.83 0.56 0.00	22.63 0.67 0.00	27.79 0.79 0.00	22.99 0.53 0.00	22.38 0.50 0.00	24.22 0.51 0.00	25.40 0.40 0.00	24.87 0.45 0.00	25.25 0.18 0.00	28.92 0.24 0.00	25.05 0.31 0.00	27.74 0.34 0.00	35.65 0.58 0.00	67.18 1.30 0.00	33.62 0.70 0.00	29.44 0.61 0.00	25.58 0.57 0.00	21.04 0.42 0.00	18.84 0.39 -0.02
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	19.81 0.82 0.00	19.42 0.75 0.00	19.55 0.76 0.00	19.50 0.78 0.00	19.70 0.82 0.00	21.26 0.93 -0.06	23.08 1.11 0.00	28.36 1.37 0.00	23.56 1.10 0.00	22.89 1.02 0.00	24.82 1.10 0.00	26.20 1.20 0.00	25.55 1.13 0.00	26.26 1.18 0.00	30.11 1.43 0.00	25.95 1.20 0.00	28.71 1.31 0.00	36.64 1.57 0.00	68.95 3.07 0.00	34.51 1.59 0.00	30.31 1.47 0.00	26.21 1.19 -0.02	21.53 0.91 0.00	19.73 0.77 -0.53
VISCHER___FERRY HYD 24020	19.60 0.62 0.00	19.28 0.60 0.00	19.37 0.58 0.00	19.37 0.65 0.00	19.61 0.73 0.00	21.26 0.87 -0.13	22.97 1.01 0.00	28.21 1.21 0.00	23.44 0.98 0.00	22.73 0.86 0.00	24.45 0.93 0.20	25.67 0.97 0.31	25.08 0.95 0.28	25.74 0.96 0.30	29.28 1.21 0.61	25.48 0.98 0.25	27.99 1.00 0.40	36.36 1.30 0.00	68.63 2.76 0.00	34.28 1.36 0.00	30.04 1.20 0.00	26.07 1.03 -0.03	21.45 0.83 0.00	20.25 0.75 -1.07
V_A_10_SYNC_DSASP 323832	18.35 -0.63 0.00	17.94 -0.73 0.00	18.11 -0.68 0.00	17.95 -0.77 0.00	18.03 -0.84 0.00	19.47 -0.83 -0.03	20.86 -1.02 0.09	25.50 -1.50 0.00	21.53 -0.93 0.00	21.18 -0.69 0.00	23.12 -0.59 0.00	24.41 -0.59 0.00	23.55 -0.86 0.00	24.51 -0.57 0.00	27.68 -1.00 0.00	23.97 -0.77 0.00	26.65 -0.75 0.00	34.02 -1.05 0.00	63.52 -2.36 0.00	31.97 -0.95 0.00	27.96 -0.87 0.00	23.86 -1.04 0.11	19.82 -0.80 0.00	17.90 -0.76 -0.23
V_CMM_10_SYNC_DSASP 323787	18.87 -0.11 0.00	18.63 -0.05 0.00	18.76 -0.03 0.00	18.67 -0.06 0.00	18.76 -0.11 0.00	20.06 -0.21 0.00	21.64 -0.33 0.00	26.58 -0.42 0.00	22.15 -0.31 0.00	21.64 -0.24 0.00	23.46 -0.26 0.00	24.72 -0.28 0.00	24.16 -0.26 0.00	24.80 -0.27 0.00	28.27 -0.40 0.00	24.42 -0.32 0.00	27.13 -0.27 0.00	34.74 -0.33 0.00	65.20 -0.68 0.00	32.47 -0.45 0.00	28.36 -0.48 0.00	24.57 -0.44 0.00	20.32 -0.30 0.00	18.22 -0.22 0.00
V_CMP_10_SYNC_DSASP 323788	19.44 0.46 0.00	19.55 0.87 0.00	19.59 0.80 0.00	19.42 0.70 0.00	19.40 0.53 0.00	20.60 0.33 0.00	22.04 0.08 0.00	26.77 -0.22 0.00	22.79 0.33 0.00	22.06 0.19 0.00	23.88 0.17 0.00	25.31 0.31 0.00	24.80 0.39 0.00	25.53 0.45 0.00	29.16 0.48 0.00	25.10 0.36 0.00	27.90 0.51 0.00	35.84 0.77 0.00	67.83 1.96 0.00	33.44 0.52 0.00	29.10 0.26 0.00	25.20 0.19 0.00	20.95 0.33 0.00	19.01 0.58 0.00
V_E_10_SYNC_DSASP 323830	20.55 1.56 0.00	20.03 1.35 0.00	20.08 1.29 0.00	19.89 1.17 0.00	20.05 1.17 0.00	21.71 1.39 -0.05	23.67 1.67 -0.03	28.94 1.95 0.00	23.99 1.53 0.00	23.27 1.40 0.00	25.28 1.57 0.00	26.72 1.72 0.00	26.01 1.60 0.00	26.91 1.84 0.00	30.72 2.04 0.00	26.54 1.80 0.00	29.43 2.03 0.00	37.72 2.65 0.00	70.48 4.60 0.00	34.92 2.00 0.00	30.57 1.73 0.00	26.43 1.37 -0.05	21.56 0.94 0.00	19.59 0.77 -0.39

V_F_30_NSYNC___DSASP 323816	19.85 0.87 0.00	19.52 0.84 0.00	19.62 0.83 0.00	19.61 0.89 0.00	19.92 1.04 0.00	21.60 1.20 -0.13	23.37 1.41 0.00	28.76 1.76 0.00	23.90 1.44 0.00	23.15 1.27 0.00	24.90 1.35 0.15	26.18 1.42 0.24	25.57 1.37 0.22	26.24 1.40 0.23	29.92 1.72 0.47	26.02 1.46 0.19	28.60 1.52 0.31	37.03 1.96 0.00	69.86 3.98 0.00	34.91 1.99 0.00	30.57 1.73 0.00	26.49 1.45 -0.03	21.77 1.15 0.00	20.50 0.99 -1.08
V_F_30_SYNC_DSASP 323786	19.36 0.38 0.00	19.05 0.37 0.00	19.15 0.36 0.00	19.14 0.41 0.00	19.34 0.46 0.00	21.04 0.64 -0.13	22.67 0.70 0.00	27.85 0.85 0.00	23.16 0.70 0.00	22.41 0.54 0.00	24.16 0.62 0.16	25.38 0.64 0.25	24.81 0.63 0.24	25.46 0.63 0.24	29.03 0.86 0.50	25.25 0.70 0.20	27.80 0.74 0.33	36.01 0.95 0.00	67.89 2.02 0.00	33.93 1.01 0.00	29.74 0.90 0.00	25.77 0.73 -0.03	21.20 0.58 0.00	20.01 0.52 -1.06
V_XM_10_SYNC_DSASP 323789	19.44 0.46 0.00	19.55 0.87 0.00	19.59 0.80 0.00	19.42 0.70 0.00	19.40 0.53 0.00	20.60 0.33 0.00	22.04 0.08 0.00	26.77 -0.22 0.00	22.79 0.33 0.00	22.06 0.19 0.00	23.88 0.17 0.00	25.31 0.31 0.00	24.80 0.39 0.00	25.53 0.45 0.00	29.16 0.48 0.00	25.10 0.36 0.00	27.90 0.51 0.00	35.84 0.77 0.00	67.83 1.96 0.00	33.44 0.52 0.00	29.10 0.26 0.00	25.20 0.19 0.00	20.95 0.33 0.00	19.01 0.58 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	19.90 0.92 0.00	19.53 0.85 0.00	19.62 0.82 0.00	19.60 0.87 0.00	19.80 0.92 0.00	21.52 1.15 -0.10	23.32 1.36 0.00	28.74 1.75 0.00	23.77 1.31 0.00	23.12 1.24 0.00	25.23 1.39 -0.13	26.73 1.52 -0.21	26.15 1.55 -0.19	26.82 1.54 -0.20	31.09 2.00 -0.41	26.61 1.70 -0.16	29.39 1.73 -0.27	37.16 2.09 0.00	70.14 4.26 0.00	35.12 2.20 0.00	30.83 2.00 0.00	26.74 1.71 -0.02	21.94 1.32 0.00	20.37 1.14 -0.80
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	20.08 1.10 0.00	19.72 1.04 0.00	19.79 1.00 0.00	19.77 1.05 0.00	19.99 1.12 0.00	21.76 1.38 -0.10	23.58 1.61 0.00	29.07 2.07 0.00	24.05 1.59 0.00	23.44 1.57 0.00	25.63 1.76 -0.16	27.18 1.93 -0.25	26.60 1.95 -0.23	27.22 1.90 -0.24	31.57 2.39 -0.50	26.98 2.04 -0.20	29.81 2.09 -0.33	37.56 2.50 0.00	70.87 4.99 0.00	35.48 2.56 0.00	31.17 2.34 0.00	27.05 2.01 -0.03	22.18 1.56 0.00	20.65 1.35 -0.87
W50THST__13_KV_LOAD 356117	20.15 1.17 0.00	19.77 1.10 0.00	19.85 1.06 0.00	19.83 1.10 0.00	20.06 1.19 0.00	21.84 1.46 -0.10	23.68 1.72 0.00	29.21 2.21 0.00	24.18 1.72 0.00	23.58 1.71 0.00	25.79 1.92 -0.16	27.34 2.09 -0.25	26.75 2.11 -0.23	27.39 2.07 -0.24	31.74 2.57 -0.50	27.15 2.20 -0.20	29.98 2.26 -0.33	37.76 2.70 0.00	71.21 5.33 0.00	35.62 2.70 0.00	31.29 2.46 0.00	27.15 2.12 -0.03	22.27 1.65 0.00	20.72 1.42 -0.87
WADING RIVER_IC_1 23522	20.52 1.54 0.00	20.12 1.44 0.00	20.15 1.36 0.00	20.16 1.44 0.00	21.11 1.60 -0.63	36.64 1.85 -14.52	54.17 2.11 -30.10	29.34 2.34 0.00	24.27 1.81 0.00	23.42 1.54 0.00	25.67 1.80 -0.16	27.66 2.21 -0.45	28.13 2.32 -1.40	27.14 1.82 -0.24	31.32 2.14 -0.50	26.55 1.61 -0.20	29.40 1.67 -0.33	37.16 2.09 0.00	71.88 6.00 0.00	35.68 2.76 0.00	31.27 2.43 0.00	27.22 2.18 -0.03	23.29 1.62 -1.05	20.81 1.50 -0.87
WADING RIVER_IC_2 23547	20.52 1.54 0.00	20.12 1.44 0.00	20.15 1.36 0.00	20.16 1.44 0.00	21.11 1.60 -0.63	36.64 1.85 -14.52	54.17 2.11 -30.10	29.34 2.34 0.00	24.27 1.81 0.00	23.42 1.54 0.00	25.67 1.80 -0.16	27.66 2.21 -0.45	28.13 2.32 -1.40	27.14 1.82 -0.24	31.32 2.14 -0.50	26.55 1.61 -0.20	29.40 1.67 -0.33	37.16 2.09 0.00	71.88 6.00 0.00	35.68 2.76 0.00	31.27 2.43 0.00	27.22 2.18 -0.03	23.29 1.62 -1.05	20.81 1.50 -0.87
WADING RIVER_IC_3 23601	20.52 1.54 0.00	20.12 1.44 0.00	20.15 1.36 0.00	20.16 1.44 0.00	21.11 1.60 -0.63	36.64 1.85 -14.52	54.17 2.11 -30.10	29.34 2.34 0.00	24.27 1.81 0.00	23.42 1.54 0.00	25.67 1.80 -0.16	27.66 2.21 -0.45	28.13 2.32 -1.40	27.14 1.82 -0.24	31.32 2.14 -0.50	26.55 1.61 -0.20	29.40 1.67 -0.33	37.16 2.09 0.00	71.88 6.00 0.00	35.68 2.76 0.00	31.27 2.43 0.00	27.22 2.18 -0.03	23.29 1.62 -1.05	20.81 1.50 -0.87
WALDENNY_12_KV_BK2 80841	18.68 -0.30 0.00	18.23 -0.45 0.00	18.39 -0.40 0.00	18.21 -0.51 0.00	18.30 -0.58 0.00	19.77 -0.53 -0.03	21.11 -0.67 0.18	25.93 -1.06 0.00	21.98 -0.48 0.00	21.66 -0.21 0.00	23.66 -0.05 0.00	25.02 0.02 0.00	24.11 -0.31 0.00	25.10 0.02 0.00	28.27 -0.40 0.00	24.50 -0.24 0.00	27.26 -0.13 0.00	34.73 -0.33 0.00	64.68 -1.19 0.00	32.53 -0.39 0.00	28.42 -0.42 0.00	24.10 -0.69 0.21	20.10 -0.51 0.00	18.13 -0.54 -0.25
WALDEN___HYDRO 24148	19.99 1.00 0.00	19.62 0.95 0.00	19.71 0.92 0.00	19.69 0.97 0.00	19.90 1.03 0.00	21.61 1.24 -0.10	23.45 1.48 0.00	28.86 1.86 0.00	23.88 1.42 0.00	23.20 1.32 0.00	25.18 1.36 -0.11	26.66 1.48 -0.18	26.05 1.47 -0.17	26.68 1.43 -0.17	30.86 1.82 -0.36	26.51 1.62 -0.14	29.25 1.62 -0.23	37.23 2.17 0.00	70.38 4.51 0.00	35.24 2.32 0.00	30.93 2.09 0.00	26.80 1.77 -0.03	21.99 1.37 0.00	20.42 1.17 -0.82
WARRENSBURG___ 23737	19.77 0.79 0.00	19.45 0.77 0.00	19.64 0.85 0.00	19.64 0.92 0.00	20.04 1.17 0.00	21.78 1.38 -0.13	23.57 1.61 0.00	29.09 2.09 0.00	24.20 1.74 0.00	23.41 1.54 0.00	25.19 1.63 0.15	26.51 1.73 0.23	25.86 1.66 0.21	26.54 1.69 0.22	30.28 2.06 0.45	26.33 1.77 0.18	28.81 1.71 0.30	37.23 2.16 0.00	70.35 4.47 0.00	35.15 2.23 0.00	30.71 1.87 0.00	26.60 1.56 -0.03	21.85 1.24 0.00	20.52 1.01 -1.08
WATERSIDE___6 8 9 23538	20.02 1.04 0.00	19.66 0.99 0.00	19.73 0.94 0.00	19.72 1.00 0.00	19.95 1.07 0.00	21.72 1.35 -0.10	23.52 1.55 0.00	29.02 2.02 0.00	24.01 1.55 0.00	23.40 1.52 0.00	25.57 1.70 -0.16	27.11 1.86 -0.25	26.51 1.87 -0.23	27.15 1.83 -0.24	31.47 2.29 -0.50	26.90 1.96 -0.20	29.69 1.97 -0.33	37.41 2.35 0.00	70.59 4.72 0.00	35.36 2.44 0.00	31.12 2.28 0.00	26.99 1.96 -0.03	22.12 1.50 0.00	20.61 1.30 -0.87
WATKINRD_115KV_LN8_ILLION 55919	19.23 0.25 0.00	18.91 0.23 0.00	19.02 0.23 0.00	18.97 0.25 0.00	19.17 0.29 0.00	20.67 0.39 0.00	22.45 0.48 0.00	27.60 0.60 0.00	22.89 0.43 0.00	22.25 0.37 0.00	24.06 0.34 0.00	25.27 0.26 0.00	24.71 0.30 0.00	25.19 0.12 0.00	28.84 0.16 0.00	24.96 0.22 0.00	27.63 0.24 0.00	35.48 0.42 0.00	66.87 0.99 0.00	33.45 0.53 0.00	29.30 0.46 0.00	25.44 0.43 0.00	20.93 0.31 0.00	18.74 0.28 -0.02
WATSON___69_KV_BK 1 55734	20.67 1.68 0.00	20.26 1.58 0.00	20.30 1.51 0.00	20.30 1.58 0.00	21.25 1.75 -0.63	36.84 2.05 -14.52	54.38 2.32 -30.10	29.63 2.63 0.00	24.43 1.97 0.00	23.68 1.80 0.00	26.02 2.14 -0.16	27.83 2.38 -0.45	28.38 2.57 -1.39	27.59 2.28 -0.24	31.91 2.72 -0.50	27.25 2.30 -0.20	30.15 2.42 -0.33	38.08 3.02 0.00	72.50 6.63 0.00	36.19 3.27 0.00	31.91 3.07 0.00	27.80 2.76 -0.03	24.17 2.07 -1.48	21.16 1.86 -0.87

WDELAWARE___HYD 323627	20.22 1.23 0.00	19.84 1.16 0.00	19.94 1.15 0.00	19.90 1.18 0.00	20.14 1.27 0.00	21.86 1.49 -0.09	23.69 1.73 0.00	29.15 2.16 0.00	24.06 1.60 0.00	23.42 1.55 0.00	25.39 1.61 -0.08	26.94 1.82 -0.12	26.19 1.66 -0.11	26.83 1.64 -0.12	30.87 1.96 -0.24	26.60 1.76 -0.09	29.47 1.92 -0.15	37.53 2.46 0.00	70.85 4.98 0.00	35.54 2.62 0.00	31.20 2.36 0.00	27.04 2.00 -0.02	22.15 1.53 0.00	20.60 1.41 -0.76
WEST BABYLON___IC 23714	20.57 1.58 0.00	20.17 1.50 0.00	20.21 1.42 0.00	20.21 1.49 0.00	21.16 1.65 -0.63	36.73 1.94 -14.52	54.28 2.22 -30.10	29.51 2.51 0.00	24.34 1.88 0.00	23.58 1.70 0.00	25.89 2.02 -0.16	27.74 2.29 -0.45	28.28 2.47 -1.39	27.50 2.19 -0.24	31.81 2.64 -0.50	27.16 2.22 -0.20	30.04 2.32 -0.33	37.92 2.85 0.00	72.15 6.28 0.00	36.02 3.10 0.00	31.77 2.94 0.00	27.65 2.62 -0.03	24.87 2.01 -2.24	21.07 1.77 -0.87
WEST CANADA___HYD 24049	19.04 0.06 0.00	18.73 0.05 0.00	18.84 0.05 0.00	18.77 0.05 0.00	18.94 0.06 0.00	20.37 0.10 0.00	22.10 0.13 0.00	27.17 0.17 0.00	22.60 0.13 0.00	21.98 0.10 0.00	23.81 0.10 0.00	25.09 0.09 0.00	24.51 0.09 0.00	25.15 0.07 0.00	28.78 0.10 0.00	24.82 0.08 0.00	27.48 0.09 0.00	35.18 0.11 0.00	66.07 0.19 0.00	33.02 0.10 0.00	28.93 0.09 0.00	25.11 0.10 0.00	20.68 0.06 0.00	18.50 0.05 -0.02
WESTERN_NY_WIND 24143	18.85 -0.14 0.00	18.40 -0.28 0.00	18.57 -0.22 0.00	18.40 -0.32 0.00	18.48 -0.39 0.00	19.98 -0.31 -0.03	21.46 -0.41 0.09	26.29 -0.70 0.00	22.29 -0.17 0.00	21.87 -0.01 0.00	23.72 0.01 0.00	25.05 0.05 0.00	24.21 -0.20 0.00	25.07 -0.01 0.00	28.25 -0.43 0.00	24.42 -0.32 0.00	27.28 -0.12 0.00	34.95 -0.12 0.00	65.57 -0.31 0.00	33.04 0.12 0.00	28.98 0.14 0.00	24.69 -0.21 0.10	20.48 -0.14 0.00	18.43 -0.23 -0.23
WESTOVER___LESR 323668	19.35 0.37 0.00	18.93 0.25 0.00	19.02 0.23 0.00	18.95 0.23 0.00	19.13 0.26 0.00	20.65 0.34 -0.05	22.40 0.44 0.00	27.49 0.50 0.00	22.91 0.45 0.00	22.33 0.46 0.00	24.22 0.51 0.00	25.56 0.56 0.00	24.90 0.48 0.00	25.68 0.60 0.00	29.31 0.63 0.00	25.32 0.57 0.00	27.99 0.60 0.00	35.74 0.67 0.00	67.05 1.17 0.00	33.60 0.68 0.00	29.45 0.61 0.00	25.45 0.43 -0.01	20.93 0.31 0.00	19.06 0.24 -0.39
WETHRSFD_WT_PWR 323626	18.51 -0.48 0.00	18.02 -0.65 0.00	18.17 -0.62 0.00	18.00 -0.73 0.00	18.12 -0.76 0.00	19.62 -0.69 -0.03	20.60 -0.74 0.63	25.80 -1.19 0.02	21.79 -0.67 0.00	21.43 -0.45 0.00	23.48 -0.23 0.00	24.78 -0.22 0.00	23.94 -0.47 0.00	24.91 -0.17 0.00	28.07 -0.61 0.00	24.39 -0.36 0.00	27.13 -0.27 0.00	34.61 -0.45 0.00	64.02 -1.86 0.00	31.94 -0.99 0.00	27.86 -0.97 0.00	23.15 -1.12 0.74	19.70 -0.92 0.00	17.81 -0.89 -0.27
WHAVSTOR_138KV_BK127 55557	19.82 0.84 0.00	19.45 0.78 0.00	19.54 0.75 0.00	19.52 0.80 0.00	19.72 0.85 0.00	21.43 1.06 -0.10	23.23 1.26 0.00	28.61 1.62 0.00	23.66 1.20 0.00	23.01 1.13 0.00	25.12 1.27 -0.13	26.59 1.39 -0.21	26.03 1.43 -0.19	26.69 1.42 -0.20	30.93 1.85 -0.41	26.48 1.58 -0.16	29.23 1.57 -0.27	36.96 1.90 0.00	69.79 3.91 0.00	34.94 2.02 0.00	30.68 1.85 0.00	26.62 1.58 -0.02	21.84 1.22 0.00	20.29 1.06 -0.80
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	19.82 0.84 0.00	19.45 0.78 0.00	19.54 0.75 0.00	19.52 0.80 0.00	19.72 0.85 0.00	21.43 1.06 -0.10	23.23 1.26 0.00	28.61 1.62 0.00	23.66 1.20 0.00	23.01 1.13 0.00	25.12 1.27 -0.13	26.59 1.39 -0.21	26.03 1.43 -0.19	26.69 1.42 -0.20	30.93 1.85 -0.41	26.48 1.58 -0.16	29.23 1.57 -0.27	36.96 1.90 0.00	69.79 3.91 0.00	34.94 2.02 0.00	30.68 1.85 0.00	26.62 1.58 -0.02	21.84 1.22 0.00	20.29 1.06 -0.80
WHITEHAL_115KV_TB1 80871	20.04 1.06 0.00	19.79 1.12 0.00	19.83 1.04 0.00	19.82 1.10 0.00	20.21 1.34 0.00	22.01 1.60 -0.13	23.92 1.95 0.00	29.43 2.44 0.00	24.63 2.18 0.00	23.66 1.78 0.00	25.53 1.97 0.15	26.95 2.19 0.23	26.29 2.10 0.21	27.12 2.27 0.22	30.98 2.76 0.46	26.87 2.30 0.18	29.43 2.33 0.30	38.27 3.20 0.00	72.79 6.92 0.00	36.34 3.42 0.00	31.64 2.80 0.00	27.41 2.37 -0.03	22.57 1.95 0.00	21.14 1.63 -1.08
WHITEPLN_13_KV_LOAD 356215	20.12 1.13 0.00	19.75 1.07 0.00	19.81 1.02 0.00	19.80 1.08 0.00	20.03 1.16 0.00	21.77 1.40 -0.10	23.58 1.61 0.00	29.04 2.04 0.00	23.99 1.53 0.00	23.43 1.55 0.00	25.61 1.74 -0.16	27.15 1.89 -0.25	26.54 1.89 -0.23	27.09 1.77 -0.24	31.40 2.23 -0.50	26.84 1.89 -0.20	29.67 1.95 -0.33	37.44 2.38 0.00	70.70 4.82 0.00	35.38 2.45 0.00	31.06 2.22 0.00	26.95 1.92 -0.03	22.13 1.51 0.00	20.64 1.34 -0.87
WM_FLOYD_69_KV_BK2 356380	20.50 1.52 0.00	20.10 1.42 0.00	20.13 1.35 0.00	20.14 1.42 0.00	21.09 1.58 -0.63	36.64 1.85 -14.52	54.13 2.06 -30.10	29.31 2.31 0.00	24.17 1.71 0.00	23.32 1.45 0.00	25.65 1.77 -0.16	27.49 2.04 -0.45	28.09 2.28 -1.39	27.16 1.84 -0.24	31.36 2.19 -0.50	26.65 1.70 -0.20	29.50 1.78 -0.33	37.30 2.23 0.00	71.85 5.98 0.00	35.72 2.80 0.00	31.40 2.57 0.00	27.30 2.27 -0.03	23.39 1.70 -1.07	20.87 1.57 -0.87
WOODARD__115KV_TB2 355635	18.95 -0.04 0.00	18.59 -0.09 0.00	18.69 -0.10 0.00	18.61 -0.11 0.00	18.77 -0.10 0.00	20.21 -0.09 -0.02	21.87 -0.10 0.00	26.85 -0.14 0.00	22.37 -0.09 0.00	21.82 -0.06 0.00	23.66 -0.05 0.00	24.97 -0.04 0.00	24.33 -0.08 0.00	25.05 -0.02 0.00	28.61 -0.07 0.00	24.70 -0.04 0.00	27.36 -0.04 0.00	35.05 -0.02 0.00	65.77 -0.11 0.00	32.93 0.01 0.00	28.86 0.02 0.00	25.02 0.00 -0.01	20.59 -0.02 0.00	18.55 -0.06 -0.19
YORK___WARBASSE 23770	20.10 1.12 0.00	19.75 1.07 0.00	19.85 1.06 0.00	19.84 1.12 0.00	20.07 1.19 0.00	21.84 1.46 -0.10	23.65 1.69 0.00	29.15 2.16 0.00	24.13 1.67 0.00	23.50 1.63 0.00	25.68 1.80 -0.16	27.22 1.97 -0.25	26.62 1.97 -0.23	27.26 1.94 -0.24	31.60 2.42 -0.50	27.02 2.07 -0.20	29.81 2.09 -0.33	37.53 2.47 0.00	70.86 4.98 0.00	35.50 2.59 0.00	31.30 2.46 0.00	27.14 2.11 -0.03	22.24 1.62 0.00	20.70 1.40 -0.87