

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

04/28/2023

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	23.83	22.20	21.65	21.42	22.02	24.44	30.21	35.48	30.80	28.79	27.17	26.58	25.88	25.48	25.28	26.45	27.70	30.42	31.98	35.23	36.11	28.65	25.97	24.17
24138	2.26	1.94	1.97	1.98	2.09	2.22	2.79	3.03	3.40	2.81	2.40	2.31	2.20	2.19	2.15	2.43	2.59	3.28	3.00	2.87	2.89	2.82	2.49	2.07
	-0.01	0.00	0.00	0.00	0.00	0.00	-1.56	-6.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.89	-3.13	-6.47	-7.15	0.00	0.00	-1.45
74TH STREET_GT_1	23.75	22.20	21.65	21.39	22.00	24.42	30.15	35.43	30.75	28.74	27.15	26.53	25.86	25.44	25.25	26.42	27.68	30.40	31.95	35.21	36.08	28.62	25.95	24.17
24260	2.18	1.94	1.97	1.96	2.07	2.20	2.74	2.98	3.34	2.75	2.38	2.26	2.18	2.14	2.13	2.40	2.56	3.25	2.97	2.85	2.87	2.79	2.47	2.07
	-0.01	0.00	0.00	0.00	0.00	0.00	-1.56	-6.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.89	-3.13	-6.47	-7.15	0.00	0.00	-1.45
74TH STREET_GT_2	23.75	22.20	21.65	21.39	22.00	24.42	30.15	35.43	30.75	28.74	27.15	26.53	25.86	25.44	25.25	26.42	27.68	30.40	31.95	35.21	36.08	28.62	25.95	24.17
24261	2.18	1.94	1.97	1.96	2.07	2.20	2.74	2.98	3.34	2.75	2.38	2.26	2.18	2.14	2.13	2.40	2.56	3.25	2.97	2.85	2.87	2.79	2.47	2.07
	-0.01	0.00	0.00	0.00	0.00	0.00	-1.56	-6.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.89	-3.13	-6.47	-7.15	0.00	0.00	-1.45
ADK HUDSON___FALLS	23.09	21.75	21.12	20.85	21.44	23.84	30.18	36.31	29.66	27.67	26.09	25.59	24.89	24.51	24.37	25.47	26.72	29.50	31.99	36.39	37.54	27.92	25.27	24.01
24011	1.53	1.50	1.44	1.42	1.51	1.62	2.28	2.06	2.22	1.66	1.31	1.29	1.21	1.19	1.20	1.39	1.51	2.00	2.02	2.07	2.14	1.99	1.69	1.40
	0.00	0.00	0.00	0.00	0.00	0.00	-2.04	-8.13	-0.03	-0.02	-0.01	-0.03	-0.01	-0.03	-0.04	-0.06	-0.10	-1.25	-4.12	-8.44	-9.34	-0.10	-0.09	-1.94
ADK RESOURCE___RCVRY	23.20	21.82	21.22	20.93	21.54	23.95	30.26	36.28	29.76	27.78	26.18	25.68	24.98	24.58	24.42	25.54	26.72	29.51	31.98	36.30	37.46	27.95	25.29	24.01
23798	1.64	1.56	1.54	1.50	1.61	1.73	2.43	2.19	2.36	1.79	1.41	1.41	1.30	1.28	1.29	1.51	1.61	2.13	2.14	2.17	2.29	2.12	1.81	1.51
	0.00	0.00	0.00	0.00	0.00	0.00	-1.97	-7.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.13	-3.98	-8.24	-9.10	0.00	0.00	-1.84
ADK S GLENS___FALLS	23.09	21.75	21.12	20.85	21.44	23.84	30.18	36.31	29.66	27.67	26.09	25.59	24.89	24.51	24.37	25.47	26.72	29.50	31.99	36.39	37.54	27.92	25.27	24.01
24028	1.53	1.50	1.44	1.42	1.51	1.62	2.28	2.06	2.22	1.66	1.31	1.29	1.21	1.19	1.20	1.39	1.51	2.00	2.02	2.07	2.14	1.99	1.69	1.40
	0.00	0.00	0.00	0.00	0.00	0.00	-2.04	-8.13	-0.03	-0.02	-0.01	-0.03	-0.01	-0.03	-0.04	-0.06	-0.10	-1.25	-4.12	-8.44	-9.34	-0.10	-0.09	-1.94
ADK_NYS___DAM	23.05	21.73	21.19	20.97	21.48	23.93	29.92	35.96	29.85	27.44	25.93	25.37	24.70	24.32	24.14	25.22	26.47	29.15	31.53	35.73	36.76	27.72	25.08	23.77
23527	1.49	1.48	1.52	1.53	1.56	1.71	2.17	2.19	2.44	1.45	1.16	1.09	1.02	1.02	1.02	1.20	1.36	1.81	1.86	1.94	1.96	1.88	1.60	1.34
	0.00	0.00	0.00	0.00	0.00	0.00	-1.89	-7.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.09	-3.82	-7.91	-8.74	0.00	0.00	-1.77
AIR_PRODUCTS___DRP	22.25	21.07	20.47	20.23	20.76	23.04	28.89	34.90	28.70	26.66	25.20	24.75	24.09	23.75	23.59	24.64	25.82	28.48	30.81	34.92	35.97	26.89	24.38	23.18
24190	0.69	0.81	0.79	0.80	0.84	0.82	1.09	1.04	1.26	0.65	0.42	0.44	0.40	0.42	0.42	0.55	0.60	1.02	1.03	1.01	1.02	0.96	0.80	0.66
	0.00	0.00	0.00	0.00	0.00	0.00	-1.95	-7.73	-0.03	-0.02	-0.01	-0.03	-0.01	-0.03	-0.05	-0.06	-0.11	-1.20	-3.93	-8.02	-8.89	-0.11	-0.10	-1.86
AKWESSNE_115KV_BK	21.24	19.91	19.36	19.10	19.63	21.84	25.22	25.42	26.46	25.41	24.42	23.99	23.42	23.04	22.92	23.78	24.74	25.55	25.20	25.25	25.37	25.19	23.08	20.32
355683	-0.32	-0.34	-0.31	-0.33	-0.30	-0.38	-0.65	-0.73	-0.93	-0.57	-0.35	-0.29	-0.26	-0.26	-0.21	-0.24	-0.38	-0.71	-0.67	-0.67	-0.73	-0.65	-0.40	-0.35
	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.04	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.02	-0.04	-0.04	0.00	0.00	-0.01
ALBANY___1	22.25	21.07	20.47	20.23	20.76	23.04	28.89	34.90	28.70	26.66	25.20	24.75	24.09	23.75	23.59	24.64	25.82	28.48	30.81	34.92	35.97	26.89	24.38	23.18
23571	0.69	0.81	0.79	0.80	0.84	0.82	1.09	1.04	1.26	0.65	0.42	0.44	0.40	0.42	0.42	0.55	0.60	1.02	1.03	1.01	1.02	0.96	0.80	0.66
	0.00	0.00	0.00	0.00	0.00	0.00	-1.95	-7.73	-0.03	-0.02	-0.01	-0.03	-0.01	-0.03	-0.05	-0.06	-0.11	-1.20	-3.93	-8.02	-8.89	-0.11	-0.10	-1.86
ALBANY___2	22.25	21.07	20.47	20.23	20.76	23.04	28.89	34.90	28.70	26.66	25.20	24.75	24.09	23.75	23.59	24.64	25.82	28.48	30.81	34.92	35.97	26.89	24.38	23.18
23572	0.69	0.81	0.79	0.80	0.84	0.82	1.09	1.04	1.26	0.65	0.42	0.44	0.40	0.42	0.42	0.55	0.60	1.02	1.03	1.01	1.02	0.96	0.80	0.66
	0.00	0.00	0.00	0.00	0.00	0.00	-1.95	-7.73	-0.03	-0.02	-0.01	-0.03	-0.01	-0.03	-0.05	-0.06	-0.11	-1.20	-3.93	-8.02	-8.89	-0.11	-0.10	-1.86
ALBANY___3	22.25	21.07	20.47	20.23	20.76	23.04	28.89	34.90	28.70	26.66	25.20	24.75	24.09	23.75	23.59	24.64	25.82	28.48	30.81	34.92	35.97	26.89	24.38	23.18
23573	0.69	0.81	0.79	0.80	0.84	0.82	1.09	1.04	1.26	0.65	0.42	0.44	0.40	0.42	0.42	0.55	0.60	1.02	1.03	1.01	1.02	0.96	0.80	0.66
	0.00	0.00	0.00	0.00	0.00	0.00	-1.95	-7.73	-0.03	-0.02	-0.01	-0.03	-0.01	-0.03	-0.05	-0.06	-0.11	-1.20	-3.93	-8.02	-8.89	-0.11	-0.10	-1.86

ALBANY___4 23574	22.25 0.69 0.00	21.07 0.81 0.00	20.47 0.79 0.00	20.23 0.80 0.00	20.76 0.84 0.00	23.04 0.82 0.00	28.89 1.09 -1.95	34.90 1.04 -7.73	28.70 1.26 -0.03	26.66 0.65 -0.02	25.20 0.42 -0.01	24.75 0.44 -0.03	24.09 0.40 -0.01	23.75 0.42 -0.03	23.59 0.42 -0.05	24.64 0.55 -0.06	25.82 0.60 -0.11	28.48 1.02 -1.20	30.81 1.03 -3.93	34.92 1.01 -8.02	35.97 1.02 -8.89	26.89 0.96 -0.11	24.38 0.80 -0.10	23.18 0.66 -1.86
ALBANY___LFGE 323615	22.45 0.88 0.00	21.19 0.93 0.00	20.64 0.96 0.00	20.38 0.95 0.00	20.92 1.00 0.00	23.22 1.00 0.00	29.12 1.34 -1.92	35.17 1.31 -7.75	28.91 1.51 0.00	26.89 0.91 0.00	25.44 0.67 0.00	24.93 0.66 0.00	24.29 0.61 0.00	23.92 0.63 0.00	23.75 0.62 0.00	24.79 0.77 0.00	25.97 0.85 0.00	28.62 1.26 -1.11	30.99 1.27 -3.87	35.13 1.24 -8.01	36.19 1.28 -8.85	27.02 1.19 0.00	24.49 1.01 0.00	23.30 0.85 -1.79
ALCOA_PA_115KV_PL-6C 55860	21.32 -0.24 0.00	19.99 -0.26 0.00	19.46 -0.22 0.00	19.18 -0.25 0.00	19.71 -0.22 0.00	21.93 -0.29 0.00	25.22 -0.65 -0.01	25.43 -0.73 -0.05	26.35 -1.04 0.02	25.44 -0.55 0.00	24.42 -0.35 0.00	24.06 -0.22 0.00	23.51 -0.17 0.00	23.13 -0.16 0.00	23.03 -0.09 0.00	23.88 -0.14 0.00	24.74 -0.38 0.00	25.52 -0.74 -0.01	25.20 -0.67 -0.02	25.23 -0.70 -0.05	25.36 -0.76 -0.05	25.16 -0.67 0.00	23.18 -0.31 0.00	20.38 -0.29 -0.01
ALCOA_RYNLDS___DRP 24188	21.32 -0.24 0.00	19.99 -0.26 0.00	19.46 -0.22 0.00	19.18 -0.25 0.00	19.71 -0.22 0.00	21.93 -0.29 0.00	25.22 -0.65 -0.01	25.43 -0.73 -0.05	26.35 -1.04 0.02	25.44 -0.55 0.00	24.42 -0.35 0.00	24.06 -0.22 0.00	23.51 -0.17 0.00	23.13 -0.16 0.00	23.03 -0.09 0.00	23.88 -0.14 0.00	24.74 -0.38 0.00	25.52 -0.74 -0.01	25.20 -0.67 -0.02	25.23 -0.70 -0.05	25.36 -0.76 -0.05	25.16 -0.67 0.00	23.18 -0.31 0.00	20.38 -0.29 -0.01
ALCOA___DSASP 323711	21.33 -0.24 0.00	19.99 -0.26 0.00	19.46 -0.22 0.00	19.18 -0.25 0.00	19.71 -0.22 0.00	21.93 -0.29 0.00	25.21 -0.65 0.00	25.36 -0.76 0.00	26.35 -1.04 0.01	25.44 -0.55 0.00	24.42 -0.35 0.00	24.06 -0.22 0.00	23.51 -0.16 0.00	23.13 -0.16 0.00	23.03 -0.09 0.00	23.88 -0.14 0.00	24.74 -0.38 0.00	25.52 -0.73 0.00	25.18 -0.67 0.00	25.19 -0.70 0.00	25.31 -0.76 0.00	25.16 -0.67 0.00	23.18 -0.31 0.00	20.37 -0.29 0.00
ALLEGHENY___COGEN 23514	22.30 0.73 0.00	21.07 0.81 0.00	20.25 0.57 0.00	19.98 0.54 0.00	20.29 0.36 0.00	22.86 0.64 0.00	37.07 1.11 -10.10	46.94 1.54 -19.28	36.01 1.48 -7.12	31.73 1.12 -4.63	27.07 0.64 -1.65	31.96 0.46 -7.22	25.70 0.40 -1.62	30.68 0.37 -7.02	33.09 0.25 -9.71	36.75 -0.51 -13.24	48.25 -0.28 -23.41	51.49 -0.08 -25.32	46.68 0.23 -20.60	47.28 0.21 -21.19	54.31 0.39 -27.85	49.05 0.23 -22.99	45.55 -0.12 -22.18	38.87 -0.10 -18.31
ALTAMONT_115KV_TB 2 55880	22.45 0.88 0.00	21.15 0.89 0.00	20.55 0.87 0.00	20.31 0.87 0.00	20.82 0.90 0.00	23.18 0.96 0.00	29.01 1.22 -1.94	35.08 1.25 -7.71	28.84 1.40 -0.03	26.97 0.96 -0.02	25.52 0.74 -0.01	25.04 0.73 -0.03	24.35 0.66 -0.01	24.03 0.70 -0.03	23.86 0.69 -0.05	24.90 0.82 -0.06	26.13 0.90 -0.11	28.79 1.34 -1.20	31.06 1.29 -3.91	35.18 1.29 -8.00	36.25 1.33 -8.86	27.20 1.27 -0.11	24.64 1.06 -0.10	23.40 0.89 -1.85
ALTONA_WT_PWR 323606	21.41 -0.15 0.00	20.03 -0.22 0.00	19.54 -0.14 0.00	19.24 -0.19 0.00	19.79 -0.14 0.00	22.02 -0.20 0.00	25.68 -0.18 0.00	25.88 -0.24 0.00	27.17 -0.19 0.05	26.14 0.16 0.00	25.07 0.30 0.00	24.57 0.29 0.00	24.01 0.33 0.00	23.58 0.28 0.00	23.42 0.30 0.00	24.21 0.19 0.00	25.09 -0.03 0.00	25.83 -0.42 0.00	25.49 -0.36 0.00	25.44 -0.44 0.00	25.57 -0.50 0.00	25.39 -0.44 0.00	23.30 -0.19 0.00	20.47 -0.19 0.00
AMERICAN_REF_FUEL 24010	20.44 -1.12 0.00	19.42 -0.83 0.00	18.66 -1.02 0.00	18.38 -1.05 0.00	18.63 -1.29 0.00	20.93 -1.29 0.00	22.51 -0.96 2.39	21.74 -0.70 3.67	24.62 -0.82 1.97	23.78 -0.93 1.27	23.05 -1.26 0.46	20.97 -1.31 2.00	22.02 -1.21 0.45	20.22 -1.14 1.94	19.19 -1.25 2.69	18.76 -1.59 3.68	17.79 -1.58 5.74	18.89 -1.71 5.66	20.20 -1.55 4.10	20.83 -1.55 3.51	19.75 -1.41 4.90	19.02 -1.47 5.34	16.71 -1.62 5.15	15.42 -1.30 3.94
ARKWRIGHT___SUMMIT_WT_PWR 323751	21.00 -0.56 0.00	19.77 -0.49 0.00	18.95 -0.73 0.00	18.64 -0.80 0.00	18.83 -1.10 0.00	21.15 -1.07 0.00	22.49 -1.14 2.23	22.02 -0.78 3.32	24.99 -0.52 1.89	24.11 -0.65 1.23	23.49 -0.84 0.44	21.26 -1.09 1.92	22.35 -0.90 0.43	20.46 -0.98 1.86	19.46 -1.09 2.58	18.99 -1.51 3.52	18.37 -1.58 5.16	19.56 -1.34 5.35	20.87 -1.19 3.79	21.60 -1.19 3.10	20.57 -1.09 4.40	19.59 -1.16 5.08	17.17 -1.41 4.90	15.75 -1.22 3.69
ARTHUR_KILL_GT_1 23520	23.85 2.28 -0.01	22.26 2.01 0.00	21.69 2.01 0.00	21.42 1.98 0.00	22.06 2.13 0.00	24.33 2.11 0.00	29.95 2.54 -1.56	35.09 2.64 -6.33	30.45 3.04 0.00	28.40 2.42 0.00	26.87 2.10 0.00	26.29 2.01 0.00	25.67 1.99 0.00	25.30 2.00 0.00	25.18 2.06 0.00	26.38 2.36 0.00	27.65 2.54 0.00	30.48 3.33 -0.89	31.93 2.95 -3.13	35.10 2.74 -6.47	35.76 2.56 -7.14	28.54 2.71 0.00	25.93 2.44 0.00	24.26 2.15 -1.46
ARTHUR_KILL_2 23512	23.81 2.24 -0.01	22.20 1.94 0.00	21.65 1.97 0.00	21.38 1.94 0.00	22.00 2.07 0.00	24.29 2.07 0.00	29.90 2.48 -1.56	35.03 2.59 -6.33	30.39 2.99 0.00	28.35 2.36 0.00	26.80 2.03 0.00	26.24 1.97 0.00	25.62 1.94 0.00	25.25 1.96 0.00	25.11 1.99 0.00	26.30 2.28 0.00	27.58 2.46 0.00	30.40 3.25 -0.89	31.85 2.87 -3.13	35.02 2.67 -6.47	35.68 2.48 -7.14	28.47 2.64 0.00	25.88 2.40 0.00	24.22 2.11 -1.46
ARTHUR_KILL_3 23513	23.60 2.03 -0.01	22.08 1.82 0.00	21.55 1.87 0.00	21.30 1.87 0.00	21.90 1.97 0.00	24.29 2.07 0.00	29.97 2.56 -1.56	35.22 2.77 -6.33	30.50 3.10 0.00	28.56 2.57 0.00	26.92 2.15 0.00	26.32 2.04 0.00	25.64 1.96 0.00	25.23 1.93 0.00	25.04 1.92 0.00	26.18 2.16 0.00	27.42 2.31 0.00	30.13 2.99 -0.89	31.69 2.71 -3.13	34.95 2.59 -6.47	35.85 2.63 -7.15	28.39 2.56 0.00	25.76 2.28 0.00	23.99 1.88 -1.45
ARTHUR_KILL_COGEN 323718	23.85 2.28 -0.01	22.26 2.01 0.00	21.69 2.01 0.00	21.42 1.98 0.00	22.06 2.13 0.00	24.33 2.11 0.00	29.95 2.54 -1.56	35.09 2.64 -6.33	30.45 3.04 0.00	28.40 2.42 0.00	26.87 2.10 0.00	26.29 2.01 0.00	25.67 1.99 0.00	25.30 2.00 0.00	25.18 2.06 0.00	26.38 2.36 0.00	27.65 2.54 0.00	30.48 3.33 -0.89	31.93 2.95 -3.13	35.10 2.74 -6.47	35.76 2.56 -7.14	28.54 2.71 0.00	25.93 2.44 0.00	24.26 2.15 -1.46
ASHOKAN____ 23654	22.94 1.38 0.00	21.53 1.28 0.00	20.98 1.30 0.00	20.72 1.28 0.00	21.28 1.36 0.00	23.69 1.47 0.00	28.35 0.77 -1.72	33.78 0.68 -6.99	29.02 1.62 0.00	26.95 0.96 0.00	25.44 0.67 0.00	24.96 0.68 0.00	24.27 0.59 0.00	23.92 0.63 0.00	23.75 0.62 0.00	24.84 0.82 0.00	26.12 1.01 0.00	28.13 0.89 -0.99	30.14 0.83 -3.46	33.82 0.78 -7.16	34.88 0.91 -7.91	27.36 1.52 0.00	24.80 1.31 0.00	22.63 0.37 -1.60

ASTORIA_EAST_ENERGY_CC1 323581	23.68 2.11 -0.01	22.16 1.90 0.00	21.59 1.91 0.00	21.32 1.88 0.00	21.96 2.03 0.00	24.24 2.02 0.00	29.73 2.33 -1.55	35.00 2.56 -6.32	30.33 2.93 0.01	28.37 2.39 0.01	26.79 2.03 0.01	26.23 1.97 0.01	25.57 1.89 0.01	25.15 1.86 0.01	24.99 1.87 0.01	26.13 2.11 0.01	27.37 2.26 0.01	30.10 2.97 -0.88	31.61 2.64 -3.12	34.86 2.51 -6.46	35.68 2.48 -7.14	28.25 2.43 0.01	25.67 2.18 0.00	24.14 2.03 -1.46
ASTORIA_EAST_ENERGY_CC2 323582	23.68 2.11 -0.01	22.16 1.90 0.00	21.59 1.91 0.00	21.32 1.88 0.00	21.96 2.03 0.00	24.24 2.02 0.00	29.73 2.33 -1.55	35.00 2.56 -6.32	30.33 2.93 0.01	28.37 2.39 0.01	26.79 2.03 0.01	26.23 1.97 0.01	25.57 1.89 0.01	25.15 1.86 0.01	24.99 1.87 0.01	26.13 2.11 0.01	27.37 2.26 0.01	30.10 2.97 -0.88	31.61 2.64 -3.12	34.86 2.51 -6.46	35.68 2.48 -7.14	28.25 2.43 0.01	25.67 2.18 0.00	24.14 2.03 -1.46
ASTORIA_GT2_1 24094	23.68 2.11 -0.01	22.16 1.90 0.00	21.61 1.93 0.00	21.32 1.88 0.00	21.96 2.03 0.00	24.24 2.02 0.00	29.73 2.33 -1.55	35.00 2.56 -6.32	30.36 2.96 0.01	28.37 2.39 0.01	26.82 2.05 0.01	26.23 1.97 0.01	25.57 1.89 0.01	25.17 1.89 0.01	24.99 1.87 0.01	26.15 2.14 0.01	27.39 2.28 0.01	30.10 2.97 -0.88	31.63 2.66 -3.12	34.89 2.54 -6.46	35.71 2.50 -7.14	28.25 2.43 0.01	25.67 2.18 0.00	24.16 2.05 -1.46
ASTORIA_GT2_2 24095	23.68 2.11 -0.01	22.16 1.90 0.00	21.61 1.93 0.00	21.32 1.88 0.00	21.96 2.03 0.00	24.24 2.02 0.00	29.73 2.33 -1.55	35.00 2.56 -6.32	30.36 2.96 0.01	28.37 2.39 0.01	26.82 2.05 0.01	26.23 1.97 0.01	25.57 1.89 0.01	25.17 1.89 0.01	24.99 1.87 0.01	26.15 2.14 0.01	27.39 2.28 0.01	30.10 2.97 -0.88	31.63 2.66 -3.12	34.89 2.54 -6.46	35.71 2.50 -7.14	28.25 2.43 0.01	25.67 2.18 0.00	24.16 2.05 -1.46
ASTORIA_GT2_3 24096	23.68 2.11 -0.01	22.16 1.90 0.00	21.61 1.93 0.00	21.32 1.88 0.00	21.96 2.03 0.00	24.24 2.02 0.00	29.73 2.33 -1.55	35.00 2.56 -6.32	30.36 2.96 0.01	28.37 2.39 0.01	26.82 2.05 0.01	26.23 1.97 0.01	25.57 1.89 0.01	25.17 1.89 0.01	24.99 1.87 0.01	26.15 2.14 0.01	27.39 2.28 0.01	30.10 2.97 -0.88	31.63 2.66 -3.12	34.89 2.54 -6.46	35.71 2.50 -7.14	28.25 2.43 0.01	25.67 2.18 0.00	24.16 2.05 -1.46
ASTORIA_GT2_4 24097	23.68 2.11 -0.01	22.16 1.90 0.00	21.61 1.93 0.00	21.32 1.88 0.00	21.96 2.03 0.00	24.24 2.02 0.00	29.73 2.33 -1.55	35.00 2.56 -6.32	30.36 2.96 0.01	28.37 2.39 0.01	26.82 2.05 0.01	26.23 1.97 0.01	25.57 1.89 0.01	25.17 1.89 0.01	24.99 1.87 0.01	26.15 2.14 0.01	27.39 2.28 0.01	30.10 2.97 -0.88	31.63 2.66 -3.12	34.89 2.54 -6.46	35.71 2.50 -7.14	28.25 2.43 0.01	25.67 2.18 0.00	24.16 2.05 -1.46
ASTORIA_GT3_1 24098	23.68 2.11 -0.01	22.16 1.90 0.00	21.61 1.93 0.00	21.32 1.88 0.00	21.96 2.03 0.00	24.24 2.02 0.00	29.73 2.33 -1.55	35.00 2.56 -6.32	30.36 2.96 0.01	28.37 2.39 0.01	26.82 2.05 0.01	26.23 1.97 0.01	25.57 1.89 0.01	25.17 1.89 0.01	24.99 1.87 0.01	26.15 2.14 0.01	27.39 2.28 0.01	30.10 2.97 -0.88	31.63 2.66 -3.12	34.89 2.54 -6.46	35.71 2.50 -7.14	28.25 2.43 0.01	25.67 2.18 0.00	24.16 2.05 -1.46
ASTORIA_GT3_2 24099	23.68 2.11 -0.01	22.16 1.90 0.00	21.61 1.93 0.00	21.32 1.88 0.00	21.96 2.03 0.00	24.24 2.02 0.00	29.73 2.33 -1.55	35.0																

ASTORIA_GT_10 24110	23.75	22.20	21.65	21.39	22.00	24.35	30.00	35.24	30.58	28.58	27.00	26.44	25.76	25.35	25.18	26.33	27.58	30.32	31.85	35.10	35.93	28.49	25.85	24.18
	2.18	1.94	1.97	1.96	2.07	2.13	2.59	2.80	3.18	2.60	2.23	2.16	2.08	2.05	2.06	2.31	2.46	3.18	2.87	2.74	2.71	2.66	2.37	2.07
	-0.01	0.00	0.00	0.00	0.00	0.00	-1.56	-6.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.89	-3.13	-6.47	-7.15	0.00	0.00	-1.46
ASTORIA_GT_11 24225	23.75	22.20	21.65	21.39	22.00	24.35	30.00	35.24	30.58	28.58	27.00	26.44	25.76	25.35	25.18	26.33	27.58	30.32	31.85	35.10	35.93	28.49	25.85	24.18
	2.18	1.94	1.97	1.96	2.07	2.13	2.59	2.80	3.18	2.60	2.23	2.16	2.08	2.05	2.06	2.31	2.46	3.18	2.87	2.74	2.71	2.66	2.37	2.07
	-0.01	0.00	0.00	0.00	0.00	0.00	-1.56	-6.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.89	-3.13	-6.47	-7.15	0.00	0.00	-1.46
ASTORIA_GT_12 24226	23.75	22.20	21.65	21.39	22.00	24.35	30.00	35.24	30.58	28.58	27.00	26.44	25.76	25.35	25.18	26.33	27.58	30.32	31.85	35.10	35.93	28.49	25.85	24.18
	2.18	1.94	1.97	1.96	2.07	2.13	2.59	2.80	3.18	2.60	2.23	2.16	2.08	2.05	2.06	2.31	2.46	3.18	2.87	2.74	2.71	2.66	2.37	2.07
	-0.01	0.00	0.00	0.00	0.00	0.00	-1.56	-6.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.89	-3.13	-6.47	-7.15	0.00	0.00	-1.46
ASTORIA_GT_13 24227	23.75	22.20	21.65	21.39	22.00	24.35	30.00	35.24	30.58	28.58	27.00	26.44	25.76	25.35	25.18	26.33	27.58	30.32	31.85	35.10	35.93	28.49	25.85	24.18
	2.18	1.94	1.97	1.96	2.07	2.13	2.59	2.80	3.18	2.60	2.23	2.16	2.08	2.05	2.06	2.31	2.46	3.18	2.87	2.74	2.71	2.66	2.37	2.07
	-0.01	0.00	0.00	0.00	0.00	0.00	-1.56	-6.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.89	-3.13	-6.47	-7.15	0.00	0.00	-1.46
ASTORIA_GT_5 24106	23.70	22.20	21.63	21.36	21.98	24.29	29.78	35.05	30.41	28.42	26.87	26.28	25.61	25.20	25.04	26.18	27.44	30.15	31.66	34.91	35.76	28.30	25.72	24.18
	2.14	1.94	1.95	1.92	2.05	2.07	2.38	2.61	3.01	2.44	2.10	2.01	1.94	1.91	1.92	2.16	2.34	3.02	2.69	2.56	2.56	2.48	2.23	2.07
	-0.01	0.00	0.00	0.00	0.00	0.00	-1.55	-6.32	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-0.88	-3.12	-6.46	-7.14	0.01	0.00	-1.46
ASTORIA_GT_7 24107	23.70	22.20	21.63	21.36	21.98	24.29	29.78	35.05	30.41	28.42	26.87	26.28	25.61	25.20	25.04	26.18	27.44	30.15	31.66	34.91	35.76	28.30	25.72	24.18
	2.14	1.94	1.95	1.92	2.05	2.07	2.38	2.61	3.01	2.44	2.10	2.01	1.94	1.91	1.92	2.16	2.34	3.02	2.69	2.56	2.56	2.48	2.23	2.07
	-0.01	0.00	0.00	0.00	0.00	0.00	-1.55	-6.32	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-0.88	-3.12	-6.46	-7.14	0.01	0.00	-1.46
ASTORIA_GT_8 24108	23.70	22.20	21.63	21.36	21.98	24.29	29.78	35.05	30.41	28.42	26.87	26.28	25.61	25.20	25.04	26.18	27.44	30.15	31.66	34.91	35.76	28.30	25.72	24.18
	2.14	1.94	1.95	1.92	2.05	2.07	2.38	2.61	3.01	2.44	2.10	2.01	1.94	1.91	1.92	2.16	2.34	3.02	2.69	2.56	2.56	2.48	2.23	2.07
	-0.01	0.00	0.00	0.00	0.00	0.00	-1.55	-6.32	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-0.88	-3.12	-6.46	-7.14	0.01	0.00	-1.46
ASTORIA___2 24149	23.68	22.16	21.61	21.32	21.96	24.24	29.73	35.00	30.36	28.37	26.82	26.23	25.57	25.17	24.99	26.15	27.39	30.10	31.63	34.89	35.71	28.25	25.67	24.16
	2.11	1.90	1.93	1.88	2.03	2.02	2.33	2.56	2.96	2.39	2.05	1.97	1.89	1.89	1.87	2.14	2.28	2.97	2.66	2.54	2.50	2.43	2.18	2.05
	-0.01	0.00	0.00	0.00	0.00	0.00	-1.55	-6.32	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	-0.88	-3.12	-6.46	-7.14	0.01	0.00	-1.46
ASTORIA___3 23516	23.75	22.20	21.65	21.39	22.00	24.35	30.00	35.24	30.58	28.58	27.00	26.44	25.76	25.35	25.18	26.33	27.58	30.32	31.85	35.10	35.93	28.49	25.85	24.18
	2.18	1.94	1.97	1.96	2.07	2.13	2.59	2.80	3.18	2.60	2.23	2.16	2.08	2.05	2.06	2.31	2.46	3.18	2.87	2.74	2.71	2.66	2.37	2.07
	-0.01	0.00	0.00	0.00	0.00	0.00	-1.56	-6.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.89	-3.13	-6.47	-7.15	0.00	0.00	-1.46
ASTORIA___4 23517	23.74	22.32	21.65	21.40	22.00	24.35	30.07	35.27	30.63	28.61	27.01	26.48	25.77	25.39	25.25	26.41	27.72	30.48	32.00	35.23	36.13	28.64	26.00	24.31
	2.18	2.07	1.97	1.96	2.07	2.13	2.59	2.74	3.18	2.60	2.23	2.16	2.08	2.05	2.06	2.31	2.46	3.18	2.87	2.69	2.68	2.66	2.37	2.07
	0.00	0.00	0.00	0.00	0.00	0.00	-1.63	-6.41	-0.05	-0.03	-0.01	-0.05	-0.01	-0.05	-0.06	-0.09	-0.15	-1.05	-3.28	-6.65	-7.38	-0.14	-0.14	-1.58
ASTORIA___5 23518	23.75	22.20	21.65	21.39	22.00	24.35	30.00	35.24	30.58	28.58	27.00	26.44	25.76	25.35	25.18	26.33	27.58	30.32	31.85	35.10	35.93	28.49	25.85	24.18
	2.18	1.94	1.97	1.96	2.07	2.13	2.59	2.80	3.18	2.60	2.23	2.16	2.08	2.05	2.06	2.31	2.46	3.18	2.87	2.74	2.71	2.66	2.37	2.07
	-0.01	0.00	0.00	0.00	0.00	0.00	-1.56	-6.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.89	-3.13	-6.47	-7.15	0.00	0.00	-1.46
AST_ENERGY_2_CC3 323677	23.64	22.10	21.55	21.32	21.90	24.31	29.97	35.22	30.53	28.53	26.95	26.36	25.69	25.27	25.09	26.26	27.47	30.19	31.75	35.00	35.88	28.44	25.81	24.05
	2.07	1.84	1.87	1.88	1.97	2.09	2.56	2.77	3.12	2.55	2.18	2.09	2.01	1.98	1.96	2.23	2.36	3.04	2.77	2.64	2.66	2.61	2.33	1.94
	-0.01	0.00	0.00	0.00	0.00	0.00	-1.56	-6.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.89	-3.13	-6.47	-7.15	0.00	0.00	-1.45
AST_ENERGY_2_CC4 323678	23.64	22.10	21.55	21.32	21.90	24.31	29.97	35.22	30.53	28.53	26.95	26.36	25.69	25.27	25.09	26.26	27.47	30.19	31.75	35.00	35.88	28.44	25.81	24.05
	2.07	1.84	1.87	1.88	1.97	2.09	2.56	2.77	3.12	2.55	2.18	2.09	2.01	1.98	1.96	2.23	2.36	3.04	2.77	2.64	2.66	2.61	2.33	1.94
	-0.01	0.00	0.00	0.00	0.00	0.00	-1.56	-6.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.89	-3.13	-6.47	-7.15	0.00	0.00	-1.45
ATHENS_STG_1 23668	22.66	21.29	20.72	20.48	21.00	23.40	29.03	34.58	29.16	27.36	25.91	25.34	24.70	24.30	24.12	25.17	26.37	28.93	30.90	34.57	35.50	27.38	24.80	23.36
	1.10	1.03	1.04	1.05	1.08	1.18	1.47	1.57	1.76	1.38	1.14	1.07	1.02	1.00	0.99	1.15	1.26	1.71	1.63	1.61	1.62	1.55	1.31	1.11
	0.00	0.00	0.00	0.00	0.00	0.00	-1.70	-6.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.97	-3.42	-7.08	-7.82	0.00	0.00	-1.58
ATHENS_STG_2 23670	22.66	21.29	20.72	20.48	21.00	23.40	29.03	34.58	29.16	27.36	25.91	25.34	24.70	24.30	24.12	25.17	26.37	28.93	30.90	34.57	35.50	27.38	24.80	23.36
	1.10	1.03	1.04	1.05	1.08	1.18	1.47	1.57	1.76	1.38	1.14	1.07	1.02	1.00	0.99	1.15	1.26	1.71	1.63	1.61	1.62	1.55	1.31	1.11
	0.00	0.00	0.00	0.00	0.00	0.00	-1.70	-6.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.97	-3.42	-7.08	-7.82	0.00	0.00	-1.58

ATHENS_STG_3 23677	22.66 1.10 0.00	21.29 1.03 0.00	20.72 1.04 0.00	20.48 1.05 0.00	21.00 1.08 0.00	23.40 1.18 0.00	29.03 1.47 -1.70	34.58 1.57 -6.90	29.16 1.76 0.00	27.36 1.38 0.00	25.91 1.14 0.00	25.34 1.07 0.00	24.70 1.02 0.00	24.30 1.00 0.00	24.12 0.99 0.00	25.17 1.15 0.00	26.37 1.26 0.00	28.93 1.71 -0.97	30.90 1.63 -3.42	34.57 1.61 -7.08	35.50 1.62 -7.82	27.38 1.55 0.00	24.80 1.31 0.00	23.36 1.11 -1.58
AUBURN____LFGE 323710	21.91 0.34 0.00	20.50 0.24 0.00	19.94 0.26 0.00	19.70 0.27 0.00	20.15 0.22 0.00	22.53 0.31 0.00	27.16 0.78 -0.53	28.51 0.84 -1.56	28.75 1.15 -0.19	27.04 0.94 -0.12	25.58 0.77 -0.04	25.15 0.68 -0.19	24.41 0.69 -0.04	24.16 0.68 -0.19	23.98 0.60 -0.26	24.90 0.53 -0.35	26.27 0.55 -0.61	27.68 0.63 -0.80	27.61 0.70 -1.06	28.17 0.65 -1.64	28.72 0.73 -1.93	27.04 0.62 -0.59	24.46 0.40 -0.57	21.75 0.37 -0.72
BABYLON_RES_REC 323704	24.39 2.59 -0.24	22.62 2.37 0.00	22.02 2.34 0.00	22.15 2.39 -0.33	22.40 2.47 0.00	25.74 2.69 -0.83	35.25 3.44 -5.96	37.02 3.66 -7.24	34.37 4.03 -2.94	31.24 3.22 -2.03	30.15 2.72 -2.65	29.09 2.62 -2.19	27.74 2.49 -1.58	27.82 2.45 -2.08	27.72 2.40 -2.19	30.56 2.69 -3.85	31.69 2.91 -3.66	33.16 3.62 -3.29	35.36 3.41 -6.10	43.64 3.31 -14.44	45.50 3.36 -16.08	33.19 3.28 -4.07	30.70 2.98 -4.23	26.81 2.52 -3.63
BABYLON__69_KV_BK2 356345	24.61 2.80 -0.24	22.93 2.67 0.00	22.22 2.54 0.00	22.35 2.58 -0.33	22.60 2.67 0.00	25.98 2.93 -0.83	35.58 3.70 -6.02	37.15 3.71 -7.32	34.69 4.30 -2.98	31.50 3.46 -2.06	30.36 2.92 -2.67	29.33 2.82 -2.24	27.97 2.70 -1.59	28.05 2.63 -2.12	27.97 2.59 -2.25	30.84 2.88 -3.94	32.06 3.14 -3.81	33.56 3.86 -3.45	35.74 3.64 -6.25	44.03 3.52 -14.63	45.94 3.57 -16.30	33.56 3.51 -4.22	31.05 3.19 -4.37	27.10 2.69 -3.75
BARON_WINDS____WT_PWR 323822	21.71 0.15 0.00	20.48 0.22 0.00	19.78 0.10 0.00	19.51 0.08 0.00	19.85 -0.08 0.00	22.26 0.04 0.00	9.38 0.08 16.55	-2.96 0.37 29.44	15.51 0.52 12.42	18.25 0.34 8.07	22.03 0.15 2.89	11.59 -0.10 12.59	20.88 0.02 2.82	10.95 -0.12 12.23	5.99 -0.21 16.93	0.44 -0.51 23.08	-14.58 -0.38 39.32	-15.54 0.00 41.79	-6.69 0.13 32.67	-5.72 0.13 31.74	-16.21 0.23 42.51	-12.54 0.08 38.45	-13.79 -0.16 37.11	-9.28 -0.14 29.80
BARRETT_IC_1 23704	24.24 2.44 -0.24	22.48 2.23 0.00	21.88 2.20 0.00	22.01 2.25 -0.33	22.26 2.33 0.00	25.58 2.53 -0.83	34.86 3.05 -5.96	36.55 3.19 -7.24	33.96 3.62 -2.94	31.03 3.01 -2.03	29.93 2.50 -2.65	28.87 2.40 -2.19	27.58 2.32 -1.58	27.65 2.28 -2.08	27.58 2.27 -2.19	30.37 2.50 -3.85	31.41 2.64 -3.66	32.85 3.31 -3.29	34.97 3.02 -6.10	43.25 2.92 -14.44	45.11 2.97 -16.08	32.85 2.94 -4.07	30.37 2.65 -4.23	26.60 2.31 -3.63
BARRETT_IC_10 23701	24.24 2.44 -0.24	22.48 2.23 0.00	21.88 2.20 0.00	22.01 2.25 -0.33	22.26 2.33 0.00	25.58 2.53 -0.83	34.86 3.05 -5.96	36.55 3.19 -7.24	33.96 3.62 -2.94	31.03 3.01 -2.03	29.93 2.50 -2.65	28.87 2.40 -2.19	27.58 2.32 -1.58	27.65 2.28 -2.08	27.58 2.27 -2.19	30.37 2.50 -3.85	31.41 2.64 -3.66	32.85 3.31 -3.29	34.97 3.02 -6.10	43.25 2.92 -14.44	45.11 2.97 -16.08	32.85 2.94 -4.07	30.37 2.65 -4.23	26.60 2.31 -3.63
BARRETT_IC_11 23702	24.24 2.44 -0.24	22.48 2.23 0.00	21.88 2.20 0.00	22.01 2.25 -0.33	22.26 2.33 0.00	25.58 2.53 -0.83	34.86 3.05 -5.96	36.55 3.19 -7.24	33.96 3.62 -2.94	31.03 3.01 -2.03	29.93 2.50 -2.65	28.87 2.40 -2.19	27.58 2.32 -1.58	27.65 2.28 -2.08	27.58 2.27 -2.19	30.37 2.50 -3.85	31.41 2.64 -3.66	32.85 3.31 -3.29	34.97 3.02 -6.10	43.25 2.92 -14.44	45.11 2.97 -16.08	32.85 2.94 -4.07	30.37 2.65 -4.23	26.60 2.31 -3.63
BARRETT_IC_12 23703	24.24 2.44 -0.24	22.48 2.23 0.00	21.88 2.20 0.00	22.01 2.25 -0.33	22.26 2.33 0.00	25.58 2.53 -0.83	34.86 3.05 -5.96	36.55 3.19 -7.24	33.96 3.62 -2.94	31.03 3.01 -2.03	29.93 2.50 -2.65	28.87 2.40 -2.19	27.58 2.32 -1.58	27.65 2.28 -2.08	27.58 2.27 -2.19	30.37 2.50 -3.85	31.41 2.64 -3.66	32.85 3.31 -3.29	34.97 3.02 -6.10	43.25 2.92 -14.44	45.11 2.97 -16.08	32.85 2.94 -4.07	30.37 2.65 -4.23	26.60 2.31 -3.63
BARRETT_IC_2 23705	24.24 2.44 -0.24	22.48 2.23 0.00	21.88 2.20 0.00	22.01 2.25 -0.33	22.26 2.33 0.00	25.58 2.53 -0.83	34.86 3.05 -5.96	36.55 3.19 -7.24	33.96 3.62 -2.94	31.03 3.01 -2.03	29.93 2.50 -2.65	28.87 2.40 -2.19	27.58 2.32 -1.58	27.65 2.28 -2.08	27.58 2.27 -2.19	30.37 2.50 -3.85	31.41 2.64 -3.66	32.85 3.31 -3.29	34.97 3.02 -6.10	43.25 2.92 -14.44	45.11 2.97 -16.08	32.85 2.94 -4.07	30.37 2.65 -4.23	26.60 2.31 -3.63
BARRETT_IC_3 23706	24.24 2.44 -0.24	22.48 2.23 0.00	21.88 2.20 0.00	22.01 2.25 -0.33	22.26 2.33 0.00	25.58 2.53 -0.83	34.86 3.05 -5.96	36.55 3.19 -7.24	33.96 3.62 -2.94	31.03 3.01 -2.03	29.93 2.50 -2.65	28.87 2.40 -2.19	27.58 2.32 -1.58	27.65 2.28 -2.08	27.58 2.27 -2.19	30.37 2.50 -3.85	31.41 2.64 -3.66	32.85 3.31 -3.29	34.97 3.02 -6.10	43.25 2.92 -14.44	45.11 2.97 -16.08	32.85 2.94 -4.07	30.37 2.65 -4.23	26.60 2.31 -3.63
BARRETT_IC_4 23707	24.24 2.44 -0.24	22.48 2.23 0.00	21.88 2.20 0.00	22.01 2.25 -0.33	22.26 2.33 0.00	25.58 2.53 -0.83	34.86 3.05 -5.96	36.55 3.19 -7.24	33.96 3.62 -2.94	31.03 3.01 -2.03	29.93 2.50 -2.65	28.87 2.40 -2.19	27.58 2.32 -1.58	27.65 2.28 -2.08	27.58 2.27 -2.19	30.37 2.50 -3.85	31.41 2.64 -3.66	32.85 3.31 -3.29	34.97 3.02 -6.10	43.25 2.92 -14.44	45.11 2.97 -16.08	32.85 2.94 -4.07	30.37 2.65 -4.23	26.60 2.31 -3.63
BARRETT_IC_5 23708	24.24 2.44 -0.24	22.48 2.23 0.00	21.88 2.20 0.00	22.01 2.25 -0.33	22.26 2.33 0.00	25.58 2.53 -0.83	34.86 3.05 -5.96	36.55 3.19 -7.24	33.96 3.62 -2.94	31.03 3.01 -2.03	29.93 2.50 -2.65	28.87 2.40 -2.19	27.58 2.32 -1.58	27.65 2.28 -2.08	27.58 2.27 -2.19	30.37 2.50 -3.85	31.41 2.64 -3.66	32.85 3.31 -3.29	34.97 3.02 -6.10	43.25 2.92 -14.44	45.11 2.97 -16.08	32.85 2.94 -4.07	30.37 2.65 -4.23	26.60 2.31 -3.63
BARRETT_IC_6 23709	24.24 2.44 -0.24	22.48 2.23 0.00	21.88 2.20 0.00	22.01 2.25 -0.33	22.26 2.33 0.00	25.58 2.53 -0.83	34.86 3.05 -5.96	36.55 3.19 -7.24	33.96 3.62 -2.94	31.03 3.01 -2.03	29.93 2.50 -2.65	28.87 2.40 -2.19	27.58 2.32 -1.58	27.65 2.28 -2.08	27.58 2.27 -2.19	30.37 2.50 -3.85	31.41 2.64 -3.66	32.85 3.31 -3.29	34.97 3.02 -6.10	43.25 2.92 -14.44	45.11 2.97 -16.08	32.85 2.94 -4.07	30.37 2.65 -4.23	26.60 2.31 -3.63
BARRETT_IC_7 23710	24.24 2.44 -0.24	22.48 2.23 0.00	21.88 2.20 0.00	22.01 2.25 -0.33	22.26 2.33 0.00	25.58 2.53 -0.83	34.86 3.05 -5.96	36.55 3.19 -7.24	33.96 3.62 -2.94	31.03 3.01 -2.03	29.93 2.50 -2.65	28.87 2.40 -2.19	27.58 2.32 -1.58	27.65 2.28 -2.08	27.58 2.27 -2.19	30.37 2.50 -3.85	31.41 2.64 -3.66	32.85 3.31 -3.29	34.97 3.02 -6.10	43.25 2.92 -14.44	45.11 2.97 -16.08	32.85 2.94 -4.07	30.37 2.65 -4.23	26.60 2.31 -3.63

BARRETT_IC_8 23711	24.24 2.44 -0.24	22.48 2.23 0.00	21.88 2.20 0.00	22.01 2.25 -0.33	22.26 2.33 0.00	25.58 2.53 -0.83	34.86 3.05 -5.96	36.55 3.19 -7.24	33.96 3.62 -2.94	31.03 3.01 -2.03	29.93 2.50 -2.65	28.87 2.40 -2.19	27.58 2.32 -1.58	27.65 2.28 -2.08	27.58 2.27 -2.19	30.37 2.50 -3.85	31.41 2.64 -3.66	32.85 3.31 -3.29	34.97 3.02 -6.10	43.25 2.92 -14.44	45.11 2.97 -16.08	32.85 2.94 -4.07	30.37 2.65 -4.23	26.60 2.31 -3.63
BARRETT_IC_9 23700	24.24 2.44 -0.24	22.48 2.23 0.00	21.88 2.20 0.00	22.01 2.25 -0.33	22.26 2.33 0.00	25.58 2.53 -0.83	34.86 3.05 -5.96	36.55 3.19 -7.24	33.96 3.62 -2.94	31.03 3.01 -2.03	29.93 2.50 -2.65	28.87 2.40 -2.19	27.58 2.32 -1.58	27.65 2.28 -2.08	27.58 2.27 -2.19	30.37 2.50 -3.85	31.41 2.64 -3.66	32.85 3.31 -3.29	34.97 3.02 -6.10	43.25 2.92 -14.44	45.11 2.97 -16.08	32.85 2.94 -4.07	30.37 2.65 -4.23	26.60 2.31 -3.63
BARRETT___1 23545	24.24 2.44 -0.24	22.48 2.23 0.00	21.88 2.20 0.00	22.01 2.25 -0.33	22.26 2.33 0.00	25.58 2.53 -0.83	34.86 3.05 -5.96	36.55 3.19 -7.24	33.96 3.62 -2.94	31.03 3.01 -2.03	29.93 2.50 -2.65	28.87 2.40 -2.19	27.58 2.32 -1.58	27.65 2.28 -2.08	27.58 2.27 -2.19	30.37 2.50 -3.85	31.41 2.64 -3.66	32.85 3.31 -3.29	34.97 3.02 -6.10	43.25 2.92 -14.44	45.11 2.97 -16.08	32.85 2.94 -4.07	30.37 2.65 -4.23	26.60 2.31 -3.63
BARRETT___2 23546	24.24 2.44 -0.24	22.48 2.23 0.00	21.88 2.20 0.00	22.01 2.25 -0.33	22.26 2.33 0.00	25.58 2.53 -0.83	34.86 3.05 -5.96	36.55 3.19 -7.24	33.96 3.62 -2.94	31.03 3.01 -2.03	29.93 2.50 -2.65	28.87 2.40 -2.19	27.58 2.32 -1.58	27.65 2.28 -2.08	27.58 2.27 -2.19	30.37 2.50 -3.85	31.41 2.64 -3.66	32.85 3.31 -3.29	34.97 3.02 -6.10	43.25 2.92 -14.44	45.11 2.97 -16.08	32.85 2.94 -4.07	30.37 2.65 -4.23	26.60 2.31 -3.63
BATAVIA___115KV_TB1 55881	21.43 -0.13 0.00	20.01 -0.24 0.00	19.50 -0.18 0.00	19.22 -0.21 0.00	19.49 -0.44 0.00	21.98 -0.24 0.00	24.62 0.10 1.34	24.91 0.55 1.76	26.62 0.41 1.19	25.45 0.23 0.77	24.32 -0.17 0.28	22.82 -0.24 1.21	23.17 -0.24 0.27	21.95 -0.16 1.18	21.19 -0.30 1.63	21.21 -0.58 2.23	20.77 -0.48 3.87	21.84 -0.55 3.86	22.91 -0.36 2.58	23.60 -0.39 1.89	23.02 -0.23 2.81	21.82 -0.31 3.70	19.28 -0.63 3.57	17.54 -0.52 2.61
BAYONEEC___CTG1 323682	23.64 2.07 -0.01	22.12 1.86 0.00	21.57 1.89 0.00	21.32 1.88 0.00	21.92 1.99 0.00	24.33 2.11 0.00	30.02 2.61 -1.56	35.27 2.82 -6.33	30.58 3.18 0.00	28.58 2.60 0.00	27.00 2.23 0.00	26.39 2.11 0.00	25.72 2.04 0.00	25.30 2.00 0.00	25.11 1.99 0.00	26.28 2.26 0.00	27.52 2.41 0.00	30.24 3.10 -0.89	31.80 2.82 -3.13	35.02 2.67 -6.47	35.93 2.71 -7.15	28.47 2.64 0.00	25.83 2.35 0.00	24.07 1.96 -1.45
BAYONEEC___CTG10 323750	23.64 2.07 -0.01	22.12 1.86 0.00	21.57 1.89 0.00	21.32 1.88 0.00	21.92 1.99 0.00	24.33 2.11 0.00	30.02 2.61 -1.56	35.27 2.82 -6.33	30.58 3.18 0.00	28.58 2.60 0.00	27.00 2.23 0.00	26.39 2.11 0.00	25.72 2.04 0.00	25.30 2.00 0.00	25.11 1.99 0.00	26.28 2.26 0.00	27.52 2.41 0.00	30.24 3.10 -0.89	31.80 2.82 -3.13	35.02 2.67 -6.47	35.93 2.71 -7.15	28.47 2.64 0.00	25.83 2.35 0.00	24.07 1.96 -1.45
BAYONEEC___CTG2 323683	23.64 2.07 -0.01	22.12 1.86 0.00	21.57 1.89 0.00	21.32 1.88 0.00	21.92 1.99 0.00	24.33 2.11 0.00	30.02 2.61 -1.56	35.27 2.82 -6.33	30.58 3.18 0.00	28.58 2.60 0.00	27.00 2.23 0.00	26.39 2.11 0.00	25.72 2.04 0.00	25.30 2.00 0.00	25.11 1.99 0.00	26.28 2.26 0.00	27.52 2.41 0.00	30.24 3.10 -0.89	31.80 2.82 -3.13	35.02 2.67 -6.47	35.93 2.71 -7.15	28.47 2.64 0.00	25.83 2.35 0.00	24.07 1.96 -1.45
BAYONEEC___CTG3 323684	23.64 2.07 -0.01	22.12 1.86 0.00	21.57 1.89 0.00	21.32 1.88 0.00	21.92 1.99 0.00	24.33 2.11 0.00	30.02 2.61 -1.56	35.27 2.82 -6.33	30.58 3.18 0.00	28.58 2.60 0.00	27.00 2.23 0.00	26.39 2.11 0.00	25.72 2.04 0.00	25.30 2.00 0.00	25.11 1.99 0.00	26.28 2.26 0.00	27.52 2.41 0.00	30.24 3.10 -0.89	31.80 2.82 -3.13	35.02 2.67 -6.47	35.93 2.71 -7.15	28.47 2.64 0.00	25.83 2.35 0.00	24.07 1.96 -1.45
BAYONEEC___CTG4 323685	23.64 2.07 -0.01	22.12 1.86 0.00	21.57 1.89 0.00	21.32 1.88 0.00	21.92 1.99 0.00	24.33 2.11 0.00	30.02 2.61 -1.56	35.27 2.82 -6.33	30.58 3.18 0.00	28.58 2.60 0.00	27.00 2.23 0.00	26.39 2.11 0.00	25.72 2.04 0.00	25.30 2.00 0.00	25.11 1.99 0.00	26.28 2.26 0.00	27.52 2.41 0.00	30.24 3.10 -0.89	31.80 2.82 -3.13	35.02 2.67 -6.47	35.93 2.71 -7.15	28.47 2.64 0.00	25.83 2.35 0.00	24.07 1.96 -1.45
BAYONEEC___CTG5 323686	23.64 2.07 -0.01	22.12 1.86 0.00	21.57 1.89 0.00	21.32 1.88 0.00	21.92 1.99 0.00	24.33 2.11 0.00	30.02 2.61 -1.56	35.27 2.82 -6.33	30.58 3.18 0.00	28.58 2.60 0.00	27.00 2.23 0.00	26.39 2.11 0.00	25.72 2.04 0.00	25.30 2.00 0.00	25.11 1.99 0.00	26.28 2.26 0.00	27.52 2.41 0.00	30.24 3.10 -0.89	31.80 2.82 -3.13	35.02 2.67 -6.47	35.93 2.71 -7.15	28.47 2.64 0.00	25.83 2.35 0.00	24.07 1.96 -1.45
BAYONEEC___CTG6 323687	23.64 2.07 -0.01	22.12 1.86 0.00	21.57 1.89 0.00	21.32 1.88 0.00	21.92 1.99 0.00	24.33 2.11 0.00	30.02 2.61 -1.56	35.27 2.82 -6.33	30.58 3.18 0.00	28.58 2.60 0.00	27.00 2.23 0.00	26.39 2.11 0.00	25.72 2.04 0.00	25.30 2.00 0.00	25.11 1.99 0.00	26.28 2.26 0.00	27.52 2.41 0.00	30.24 3.10 -0.89	31.80 2.82 -3.13	35.02 2.67 -6.47	35.93 2.71 -7.15	28.47 2.64 0.00	25.83 2.35 0.00	24.07 1.96 -1.45
BAYONEEC___CTG7 323688	23.64 2.07 -0.01	22.12 1.86 0.00	21.57 1.89 0.00	21.32 1.88 0.00	21.92 1.99 0.00	24.33 2.11 0.00	30.02 2.61 -1.56	35.27 2.82 -6.33	30.58 3.18 0.00	28.58 2.60 0.00	27.00 2.23 0.00	26.39 2.11 0.00	25.72 2.04 0.00	25.30 2.00 0.00	25.11 1.99 0.00	26.28 2.26 0.00	27.52 2.41 0.00	30.24 3.10 -0.89	31.80 2.82 -3.13	35.02 2.67 -6.47	35.93 2.71 -7.15	28.47 2.64 0.00	25.83 2.35 0.00	24.07 1.96 -1.45
BAYONEEC___CTG8 323689	23.64 2.07 -0.01	22.12 1.86 0.00	21.57 1.89 0.00	21.32 1.88 0.00	21.92 1.99 0.00	24.33 2.11 0.00	30.02 2.61 -1.56	35.27 2.82 -6.33	30.58 3.18 0.00	28.58 2.60 0.00	27.00 2.23 0.00	26.39 2.11 0.00	25.72 2.04 0.00	25.30 2.00 0.00	25.11 1.99 0.00	26.28 2.26 0.00	27.52 2.41 0.00	30.24 3.10 -0.89	31.80 2.82 -3.13	35.02 2.67 -6.47	35.93 2.71 -7.15	28.47 2.64 0.00	25.83 2.35 0.00	24.07 1.96 -1.45
BAYONEEC___CTG9 323749	23.64 2.07 -0.01	22.12 1.86 0.00	21.57 1.89 0.00	21.32 1.88 0.00	21.92 1.99 0.00	24.33 2.11 0.00	30.02 2.61 -1.56	35.27 2.82 -6.33	30.58 3.18 0.00	28.58 2.60 0.00	27.00 2.23 0.00	26.39 2.11 0.00	25.72 2.04 0.00	25.30 2.00 0.00	25.11 1.99 0.00	26.28 2.26 0.00	27.52 2.41 0.00	30.24 3.10 -0.89	31.80 2.82 -3.13	35.02 2.67 -6.47	35.93 2.71 -7.15	28.47 2.64 0.00	25.83 2.35 0.00	24.07 1.96 -1.45

BEACON___LESR 323632	22.64 1.08 0.00	21.37 1.11 0.00	20.82 1.14 0.00	20.58 1.15 0.00	21.10 1.18 0.00	23.44 1.22 0.00	29.35 1.60 -1.89	35.34 1.59 -7.63	29.19 1.78 0.00	27.08 1.09 0.00	25.59 0.82 0.00	25.08 0.80 0.00	24.44 0.76 0.00	24.09 0.79 0.00	23.91 0.79 0.00	24.96 0.94 0.00	26.14 1.03 0.00	28.81 1.47 -1.09	31.13 1.47 -3.81	35.21 1.45 -7.88	36.25 1.48 -8.71	27.25 1.42 0.00	24.68 1.20 0.00	23.43 1.01 -1.76
BEAVER RIVER___HYD 24048	21.26 -0.30 0.00	19.95 -0.30 0.00	19.36 -0.32 0.00	19.14 -0.29 0.00	19.63 -0.30 0.00	21.98 -0.24 0.00	25.79 -0.15 -0.08	26.35 -0.13 -0.36	27.24 -0.22 -0.06	25.78 -0.21 0.00	24.45 -0.32 0.00	24.01 -0.27 0.00	23.40 -0.28 0.00	22.97 -0.33 0.00	22.87 -0.25 0.00	23.71 -0.31 0.00	24.76 -0.35 0.00	26.01 -0.29 -0.05	25.77 -0.23 -0.15	25.99 -0.21 -0.32	26.28 -0.13 -0.35	25.60 -0.23 0.00	23.27 -0.21 0.00	20.50 -0.23 -0.07
BEEBEE_GT_13 23619	21.50 -0.06 0.00	20.11 -0.14 0.00	19.58 -0.10 0.00	19.32 -0.12 0.00	19.63 -0.30 0.00	22.06 -0.16 0.00	25.65 0.23 0.44	26.51 0.57 0.18	27.29 0.41 0.53	25.92 0.29 0.35	24.55 -0.10 0.12	23.64 -0.10 0.54	23.44 -0.12 0.12	22.74 -0.02 0.53	22.23 -0.16 0.73	22.62 -0.41 0.99	23.07 -0.33 1.72	24.11 -0.47 1.67	24.66 -0.31 0.88	25.27 -0.36 0.25	25.23 -0.23 0.60	23.84 -0.31 1.68	21.30 -0.56 1.62	19.14 -0.48 1.05
BENSHRST_27_KV_BENSHRST_1 355998	23.91 2.35 0.00	22.44 2.19 0.00	21.75 2.07 0.00	21.47 2.04 0.00	22.12 2.19 0.00	24.46 2.24 0.00	30.20 2.71 -1.63	35.43 2.90 -6.41	30.82 3.37 -0.05	28.77 2.75 -0.03	27.16 2.38 -0.01	26.63 2.31 -0.05	25.94 2.25 -0.01	25.55 2.21 -0.05	25.41 2.22 -0.06	26.61 2.50 -0.09	27.95 2.69 -0.15	30.77 3.47 -1.05	32.26 3.13 -3.28	35.49 2.95 -6.65	36.34 2.89 -7.38	28.87 2.89 -0.14	26.21 2.58 -0.14	24.47 2.23 -1.58
BETHLEHEM___GRP 23843	22.25 0.69 0.00	21.07 0.81 0.00	20.47 0.79 0.00	20.23 0.80 0.00	20.76 0.84 0.00	23.04 0.82 0.00	28.89 1.09 -1.95	34.90 1.04 -7.73	28.70 1.26 -0.03	26.66 0.65 -0.02	25.20 0.42 -0.01	24.75 0.44 -0.03	24.09 0.40 -0.01	23.75 0.42 -0.03	23.59 0.42 -0.05	24.64 0.55 -0.06	25.82 0.60 -0.11	28.48 1.02 -1.20	30.81 1.03 -3.93	34.92 1.01 -8.02	35.97 1.02 -8.89	26.89 0.96 -0.11	24.38 0.80 -0.10	23.18 0.66 -1.86
BETHLEHEM___GS1 323560	22.25 0.69 0.00	21.01 0.75 0.00	20.47 0.79 0.00	20.23 0.80 0.00	20.76 0.84 0.00	23.04 0.82 0.00	28.83 1.09 -1.89	34.80 1.05 -7.64	28.67 1.26 0.00	26.63 0.65 0.00	25.22 0.45 0.00	24.71 0.44 0.00	24.06 0.38 0.00	23.71 0.42 0.00	23.54 0.42 0.00	24.57 0.55 0.00	25.71 0.60 0.00	28.36 1.02 -1.09	30.70 1.04 -3.81	34.78 1.01 -7.89	35.79 1.02 -8.71	26.79 0.96 0.00	24.28 0.80 0.00	23.08 0.66 -1.76
BETHLEHEM___GS2 323561	22.25 0.69 0.00	21.01 0.75 0.00	20.47 0.79 0.00	20.23 0.80 0.00	20.76 0.84 0.00	23.04 0.82 0.00	28.83 1.09 -1.89	34.80 1.05 -7.64	28.67 1.26 0.00	26.63 0.65 0.00	25.22 0.45 0.00	24.71 0.44 0.00	24.06 0.38 0.00	23.71 0.42 0.00	23.54 0.42 0.00	24.57 0.55 0.00	25.71 0.60 0.00	28.36 1.02 -1.09	30.70 1.04 -3.81	34.78 1.01 -7.89	35.79 1.02 -8.71	26.79 0.96 0.00	24.28 0.80 0.00	23.08 0.66 -1.76
BETHLEHEM___GS3 323562	22.25 0.69 0.00	21.01 0.75 0.00	20.47 0.79 0.00	20.23 0.80 0.00	20.76 0.84 0.00	23.04 0.82 0.00	28.83 1.09 -1.89	34.80 1.05 -7.64	28.67 1.26 0.00	26.63 0.65 0.00	25.22 0.45 0.00	24.71 0.44 0.00	24.06 0.38 0.00	23.71 0.42 0.00	23.54 0.42 0.00	24.57 0.55 0.00	25.71 0.60 0.00	28.36 1.02 -1.09	30.70 1.04 -3.81	34.78 1.01 -7.89	35.79 1.02 -8.71	26.79 0.96 0.00	24.28 0.80 0.00	23.08 0.66 -1.76
BETHLEHEM___STEEL 23779	21.11 -0.45 0.00	19.69 -0.57 0.00	19.23 -0.45 0.00	18.97 -0.47 0.00	19.21 -0.72 0.00	21.58 -0.64 0.00	22.45 -0.78 2.63	21.60 -0.47 4.05	24.87 -0.36 2.18	24.08 -0.49 1.41	23.57 -0.69 0.51	21.17 -0.90 2.21	22.45 -0.73 0.50	20.33 -0.82 2.15	19.27 -0.88 2.97	18.74 -1.23 4.05	16.93 -1.18 7.00	18.07 -0.92 7.26	19.90 -0.72 5.23	20.69 -0.75 4.44	19.23 -0.60 6.23	18.30 -0.70 6.83	15.95 -0.94 6.59	14.87 -0.76 5.03
BETHLHEM_115KV_TB1 79974	22.30 0.73 0.00	21.07 0.81 0.00	20.49 0.81 0.00	20.25 0.82 0.00	20.76 0.84 0.00	23.06 0.84 0.00	28.91 1.11 -1.94	34.94 1.10 -7.72	28.73 1.29 -0.03	26.73 0.73 -0.02	25.27 0.50 -0.01	24.82 0.51 -0.03	24.14 0.45 -0.01	23.82 0.49 -0.03	23.66 0.49 -0.05	24.68 0.60 -0.06	25.90 0.68 -0.11	28.56 1.10 -1.20	30.86 1.09 -3.92	34.98 1.09 -8.01	36.03 1.09 -8.87	26.97 1.03 -0.11	24.46 0.87 -0.10	23.24 0.72 -1.85
BETHPAGE_CC_5 323564	24.35 2.54 -0.24	22.56 2.31 0.00	21.96 2.28 0.00	22.09 2.33 -0.33	22.34 2.41 0.00	25.69 2.64 -0.83	35.10 3.28 -5.96	36.86 3.50 -7.24	34.23 3.89 -2.94	31.16 3.14 -2.03	30.10 2.68 -2.65	29.04 2.57 -2.19	27.70 2.44 -1.58	27.77 2.40 -2.08	27.69 2.38 -2.19	30.54 2.67 -3.85	31.59 2.81 -3.66	33.03 3.49 -3.29	35.23 3.28 -6.10	43.51 3.18 -14.44	45.37 3.23 -16.08	33.06 3.15 -4.07	30.58 2.86 -4.23	26.75 2.46 -3.63
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	21.15 -0.41 0.00	19.73 -0.53 0.00	19.27 -0.41 0.00	19.01 -0.43 0.00	19.25 -0.68 0.00	21.62 -0.60 0.00	22.56 -0.85 2.44	21.91 -0.52 3.69	24.98 -0.38 2.04	24.14 -0.52 1.33	23.65 -0.64 0.48	21.28 -0.92 2.07	22.53 -0.69 0.47	20.47 -0.82 2.01	19.44 -0.90 2.79	18.99 -1.23 3.80	17.37 -1.18 6.57	18.67 -0.79 6.79	20.41 -0.59 4.85	21.21 -0.62 4.05	19.88 -0.47 5.72	18.86 -0.57 6.40	16.48 -0.82 6.18	15.31 -0.66 4.69
BINGHAMTON___COGEN 23790	22.04 0.47 0.00	20.68 0.43 0.00	20.11 0.43 0.00	19.86 0.43 0.00	20.31 0.38 0.00	22.71 0.49 0.00	27.32 0.62 -0.84	29.84 0.86 -2.86	28.60 1.01 -0.18	26.90 0.81 -0.11	25.45 0.64 -0.04	24.94 0.49 -0.18	24.26 0.54 -0.04	23.91 0.44 -0.17	23.78 0.42 -0.24	24.68 0.34 -0.32	26.15 0.48 -0.56	28.01 0.81 -0.94	28.39 0.85 -1.69	29.70 0.83 -2.99	30.38 0.91 -3.40	27.18 0.80 -0.55	24.58 0.56 -0.53	22.15 0.50 -0.99
BIXINCNT_115KV_LOAD 355685	21.24 -0.32 0.00	19.79 -0.47 0.00	19.29 -0.39 0.00	19.04 -0.39 0.00	19.23 -0.70 0.00	21.62 -0.60 0.00	23.23 -1.09 1.54	23.33 -0.81 1.98	25.51 -0.49 1.40	24.45 -0.62 0.91	23.80 -0.64 0.33	21.74 -1.12 1.42	22.65 -0.71 0.32	20.89 -1.02 1.38	20.06 -1.16 1.91	19.80 -1.61 2.61	19.00 -1.61 4.51	20.70 -0.97 4.58	22.03 -0.78 3.04	22.90 -0.78 2.20	22.10 -0.68 3.28	20.64 -0.80 4.39	18.17 -1.08 4.24	16.66 -0.91 3.09
BLACK RIVER___HYD 24047	21.22 -0.35 0.00	19.91 -0.34 0.00	19.30 -0.37 0.00	19.10 -0.33 0.00	19.57 -0.36 0.00	21.93 -0.29 0.00	25.84 -0.13 -0.12	26.52 -0.08 -0.48	27.31 -0.14 -0.04	25.78 -0.21 0.00	24.40 -0.37 0.00	23.96 -0.32 0.00	23.35 -0.33 0.00	22.92 -0.37 0.00	22.80 -0.32 0.00	23.64 -0.39 0.00	24.74 -0.38 0.00	26.06 -0.26 -0.07	25.87 -0.18 -0.20	26.17 -0.13 -0.41	26.52 0.00 -0.46	25.70 -0.13 0.00	23.27 -0.21 0.00	20.53 -0.23 -0.09

BLACKRVR_115KV_TB2 79977	21.22 -0.34 0.00	19.89 -0.36 0.00	19.31 -0.37 0.00	19.10 -0.33 0.00	19.57 -0.36 0.00	21.93 -0.29 0.00	25.82 -0.13 -0.10	26.49 -0.05 -0.42	27.30 -0.14 -0.03	25.77 -0.21 0.01	24.40 -0.37 0.00	23.95 -0.32 0.01	23.34 -0.33 0.00	22.91 -0.37 0.01	22.79 -0.32 0.01	23.62 -0.38 0.02	24.70 -0.38 0.04	26.02 -0.26 -0.03	25.87 -0.18 -0.20	26.19 -0.13 -0.44	26.54 0.00 -0.48	25.67 -0.13 0.03	23.24 -0.21 0.03	20.51 -0.23 -0.08
BLISS_WT_PWR 323608	21.15 -0.41 0.00	19.95 -0.30 0.00	19.19 -0.49 0.00	18.95 -0.49 0.00	19.13 -0.80 0.00	21.49 -0.73 0.00	23.08 -1.16 1.61	23.04 -0.91 2.17	25.35 -0.60 1.45	24.37 -0.68 0.94	23.66 -0.77 0.34	21.57 -1.24 1.47	22.52 -0.83 0.33	20.73 -1.14 1.43	19.86 -1.29 1.97	19.55 -1.78 2.69	19.25 -1.81 4.05	20.56 -1.21 4.48	21.75 -1.01 3.09	22.50 -0.98 2.40	21.67 -0.91 3.48	20.49 -1.06 4.28	18.04 -1.31 4.13	16.46 -1.14 3.07
BLUE_CIRC_CHEM_DRP 24182	22.47 0.91 0.00	21.21 0.95 0.00	20.60 0.92 0.00	20.37 0.93 0.00	20.90 0.98 0.00	23.22 1.00 0.00	29.06 1.29 -1.91	34.96 1.25 -7.59	28.87 1.43 -0.04	26.92 0.91 -0.02	25.45 0.67 -0.01	24.97 0.66 -0.04	24.30 0.62 -0.01	23.96 0.63 -0.03	23.80 0.62 -0.05	24.86 0.77 -0.06	26.08 0.85 -0.11	28.70 1.26 -1.19	30.97 1.27 -3.85	35.03 1.27 -7.87	36.09 1.30 -8.72	27.18 1.24 -0.11	24.67 1.08 -0.11	23.39 0.91 -1.83
BOC_GAS_DRP 24189	22.36 0.80 0.00	21.07 0.81 0.00	20.49 0.81 0.00	20.23 0.80 0.00	20.76 0.84 0.00	23.09 0.87 0.00	28.90 1.11 -1.93	34.93 1.15 -7.66	28.76 1.32 -0.03	26.89 0.88 -0.02	25.45 0.67 -0.01	24.97 0.66 -0.03	24.30 0.62 -0.01	23.96 0.63 -0.03	23.80 0.62 -0.05	24.83 0.74 -0.06	26.05 0.83 -0.11	28.68 1.23 -1.19	30.95 1.21 -3.89	35.05 1.22 -7.95	36.09 1.22 -8.80	27.10 1.16 -0.11	24.57 0.99 -0.10	23.33 0.83 -1.84
BOONVILLE_115KV_TB1 79983	21.82 0.26 0.00	20.48 0.22 0.00	19.88 0.20 0.00	19.65 0.21 0.00	20.15 0.22 0.00	22.53 0.31 0.00	26.34 0.41 -0.07	27.01 0.63 -0.27	27.98 0.55 -0.02	26.40 0.42 0.00	25.07 0.30 0.00	24.57 0.29 0.00	23.96 0.28 0.00	23.53 0.23 0.00	23.41 0.28 0.00	24.29 0.26 0.00	25.40 0.28 0.00	26.69 0.39 -0.05	26.38 0.39 -0.14	26.55 0.39 -0.28	26.82 0.44 -0.31	26.18 0.34 -0.01	23.70 0.21 -0.01	20.89 0.17 -0.07
BORALEX_4TH_BRANCH 23824	23.05 1.49 0.00	21.73 1.48 0.00	21.19 1.52 0.00	20.97 1.53 0.00	21.48 1.56 0.00	23.93 1.71 0.00	29.92 2.17 -1.89	35.96 2.19 -7.65	29.85 2.44 0.00	27.44 1.45 0.00	25.93 1.16 0.00	25.37 1.09 0.00	24.70 1.02 0.00	24.32 1.02 0.00	24.14 1.02 0.00	25.22 1.20 0.00	26.47 1.36 0.00	29.15 1.81 -1.09	31.53 1.86 -3.82	35.73 1.94 -7.91	36.76 1.96 -8.74	27.72 1.88 0.00	25.08 1.60 0.00	23.77 1.34 -1.77
BOWLINE___1 23526	23.35 1.79 0.00	21.90 1.64 0.00	21.33 1.65 0.00	21.10 1.67 0.00	21.66 1.73 0.00	24.11 1.89 0.00	29.77 2.38 -1.53	34.89 2.53 -6.24	30.26 2.85 0.00	28.24 2.26 0.00	26.70 1.93 0.00	26.12 1.84 0.00	25.43 1.75 0.00	25.02 1.72 0.00	24.84 1.71 0.00	25.97 1.94 0.00	27.20 2.08 0.00	29.86 2.73 -0.88	31.44 2.51 -3.08	34.72 2.46 -6.38	35.59 2.48 -7.04	28.23 2.40 0.00	25.55 2.07 0.00	23.82 1.74 -1.43
BOWLINE___2 23595	23.35 1.79 0.00	21.90 1.64 0.00	21.33 1.65 0.00	21.10 1.67 0.00	21.66 1.73 0.00	24.11 1.89 0.00	29.77 2.38 -1.53	34.89 2.53 -6.24	30.26 2.85 0.00	28.24 2.26 0.00	26.70 1.93 0.00	26.12 1.84 0.00	25.43 1.75 0.00	25.02 1.72 0.00	24.84 1.71 0.00	25.97 1.94 0.00	27.20 2.08 0.00	29.86 2.73 -0.88	31.44 2.51 -3.08	34.72 2.46 -6.38	35.59 2.48 -7.05	28.23 2.40 0.00	25.55 2.07 0.00	23.82 1.74 -1.43
BRADY___115KV_TB2 356060	21.30 -0.26 0.00	19.97 -0.28 0.00	19.44 -0.24 0.00	19.16 -0.27 0.00	19.69 -0.24 0.00	21.93 -0.29 0.00	25.25 -0.62 -0.02	25.47 -0.71 -0.06	26.12 -1.07 0.22	25.44 -0.55 0.00	24.42 -0.35 0.00	24.06 -0.22 0.00	23.51 -0.17 0.00	23.11 -0.19 0.00	23.03 -0.09 0.00	23.85 -0.17 0.00	24.71 -0.40 0.00	25.53 -0.74 -0.01	25.21 -0.67 -0.03	25.25 -0.70 -0.07	25.41 -0.73 -0.07	25.13 -0.70 0.00	23.15 -0.33 0.00	20.36 -0.31 -0.01
BRANSCOMB___SOLAR 323811	22.94 1.38 0.00	21.59 1.34 0.00	21.00 1.32 0.00	20.75 1.32 0.00	21.30 1.37 0.00	23.71 1.49 0.00	29.83 2.02 -1.96	35.93 1.91 -7.91	29.49 2.08 0.00	27.49 1.51 0.00	25.96 1.19 0.00	25.44 1.17 0.00	24.77 1.09 0.00	24.37 1.07 0.00	24.21 1.09 0.00	25.29 1.27 0.00	26.49 1.38 0.00	29.19 1.81 -1.13	31.64 1.84 -3.95	35.92 1.86 -8.17	37.02 1.93 -9.03	27.64 1.81 -9.03	25.03 1.55 0.00	23.79 1.30 -1.83
BRENTWOD_69_KV_W. BRTWOOD 56703	24.54 2.74 -0.24	22.87 2.61 0.00	22.14 2.46 0.00	22.29 2.53 -0.33	22.54 2.61 0.00	25.89 2.84 -0.83	35.48 3.59 -6.02	37.02 3.58 -7.32	34.61 4.22 -2.98	31.40 3.35 -2.06	30.23 2.80 -2.67	29.21 2.69 -2.24	27.85 2.58 -1.59	27.93 2.52 -2.12	27.87 2.50 -2.25	30.72 2.76 -3.94	31.93 3.01 -3.81	33.43 3.73 -3.45	35.62 3.52 -6.25	43.90 3.39 -14.63	45.81 3.44 -16.30	33.43 3.38 -4.22	30.96 3.10 -4.37	27.02 2.60 -3.75
BRISTLHL_115KV_TB1 79998	21.26 -0.30 0.00	19.95 -0.30 0.00	19.40 -0.28 0.00	19.16 -0.27 0.00	19.61 -0.32 0.00	21.91 -0.31 0.00	25.77 -0.23 -0.14	26.68 -0.08 -0.64	27.31 -0.08 0.02	25.81 -0.16 0.01	24.52 -0.25 0.00	23.96 -0.29 0.02	23.41 -0.26 0.00	23.02 -0.26 0.02	22.80 -0.30 0.03	23.62 -0.36 0.04	24.74 -0.30 0.07	26.04 -0.24 -0.02	25.96 -0.18 -0.29	26.36 -0.18 -0.66	26.65 -0.13 -0.71	25.56 -0.21 0.07	23.14 -0.28 0.06	20.56 -0.21 -0.11
BROOKHAVEN___DRP 24191	24.41 2.61 -0.24	22.77 2.51 0.00	22.06 2.38 0.00	22.21 2.45 -0.33	22.44 2.51 0.00	25.76 2.71 -0.83	35.22 3.34 -6.02	36.84 3.40 -7.32	34.36 3.97 -2.98	31.14 3.09 -2.06	29.86 2.43 -2.67	28.82 2.31 -2.24	27.49 2.23 -1.59	27.61 2.19 -2.12	27.55 2.17 -2.25	30.38 2.43 -3.94	31.58 2.66 -3.81	33.03 3.33 -3.45	35.23 3.13 -6.25	43.49 2.98 -14.63	45.39 3.02 -16.30	33.05 3.00 -4.22	30.67 2.82 -4.37	26.75 2.33 -3.75
BROOKLYN_NAVY_YARD 23515	23.62 2.05 -0.01	22.08 1.82 0.00	21.53 1.85 0.00	21.28 1.85 0.00	21.88 1.95 0.00	24.29 2.07 0.00	30.00 2.59 -1.56	35.24 2.80 -6.33	30.58 3.18 0.00	28.58 2.60 0.00	26.95 2.18 0.00	26.36 2.09 0.00	25.67 1.99 0.00	25.25 1.96 0.00	25.09 1.96 0.00	26.26 2.23 0.00	27.50 2.39 0.00	30.21 3.07 -0.89	31.77 2.79 -3.13	35.00 2.64 -6.47	35.88 2.66 -7.15	28.44 2.61 0.00	25.83 2.35 0.00	24.05 1.94 -1.45
BROOKLYN___ARMY_DRP 323595	23.83 2.26 0.00	22.38 2.13 0.00	21.71 2.03 0.00	21.43 2.00 0.00	22.06 2.13 0.00	24.40 2.18 0.00	30.12 2.64 -1.63	35.32 2.79 -6.41	30.71 3.26 -0.05	28.66 2.65 -0.03	27.06 2.28 -0.01	26.53 2.21 -0.05	25.84 2.15 -0.01	25.46 2.12 -0.05	25.32 2.13 -0.06	26.51 2.40 -0.09	27.85 2.59 -0.15	30.64 3.33 -1.05	32.13 3.00 -3.28	35.36 2.82 -6.65	36.21 2.76 -7.38	28.77 2.79 -0.14	26.11 2.49 -0.14	24.41 2.17 -1.58

BROOKVLE_69_KV_TB1 55790	24.20 2.39 -0.24	22.52 2.27 0.00	21.84 2.16 0.00	21.96 2.20 -0.33	22.20 2.27 0.00	25.54 2.49 -0.83	34.98 3.10 -6.02	36.65 3.21 -7.32	34.09 3.70 -2.98	31.06 3.01 -2.06	30.06 2.63 -2.67	29.04 2.52 -2.24	27.68 2.42 -1.59	27.79 2.38 -2.12	27.76 2.38 -2.25	30.60 2.64 -3.94	31.73 2.81 -3.81	33.19 3.49 -3.45	35.33 3.23 -6.25	43.64 3.13 -14.63	45.52 3.15 -16.30	33.15 3.10 -4.22	30.60 2.75 -4.37	26.73 2.31 -3.75
BROOME_2_LFGE 323671	22.04 0.47 0.00	20.74 0.49 0.00	20.11 0.43 0.00	19.86 0.43 0.00	20.31 0.38 0.00	22.71 0.49 0.00	27.06 0.62 -0.59	29.26 0.86 -2.29	28.42 1.01 0.00	26.79 0.81 0.00	25.41 0.64 0.00	24.76 0.49 0.00	24.22 0.55 0.00	23.74 0.44 0.00	23.54 0.42 0.00	24.36 0.34 0.00	25.59 0.48 0.00	27.40 0.81 -0.33	27.82 0.85 -1.12	29.05 0.85 -2.31	29.53 0.91 -2.56	26.63 0.80 0.00	24.05 0.56 0.00	21.67 0.50 -0.52
BROOME___LFGE 323600	22.04 0.47 0.00	20.74 0.49 0.00	20.11 0.43 0.00	19.86 0.43 0.00	20.31 0.38 0.00	22.71 0.49 0.00	27.06 0.62 -0.59	29.26 0.86 -2.29	28.42 1.01 0.00	26.79 0.81 0.00	25.41 0.64 0.00	24.76 0.49 0.00	24.22 0.55 0.00	23.74 0.44 0.00	23.54 0.42 0.00	24.36 0.34 0.00	25.59 0.48 0.00	27.40 0.81 -0.33	27.82 0.85 -1.12	29.05 0.85 -2.31	29.53 0.91 -2.56	26.63 0.80 0.00	24.05 0.56 0.00	21.67 0.50 -0.52
BROWNFLS_115KV_TB_3_5 80003	20.92 -0.65 0.00	19.63 -0.63 0.00	19.07 -0.61 0.00	18.83 -0.60 0.00	19.33 -0.60 0.00	21.58 -0.64 0.00	24.87 -1.03 -0.04	25.22 -1.07 -0.18	25.74 -1.40 0.27	25.00 -0.99 0.00	23.85 -0.92 0.00	23.50 -0.78 0.00	22.94 -0.73 0.00	22.55 -0.75 0.00	22.48 -0.65 0.00	23.28 -0.74 0.00	24.13 -0.98 0.00	25.07 -1.21 -0.03	24.80 -1.14 -0.09	24.93 -1.14 -0.18	25.12 -1.15 -0.20	24.67 -1.16 0.00	22.66 -0.82 0.00	19.94 -0.76 -0.04
BROWNSV1_27_KV_LOAD 356125	23.78 2.22 0.00	22.34 2.09 0.00	21.69 2.01 0.00	21.43 2.00 0.00	22.02 2.09 0.00	24.44 2.22 0.00	30.28 2.79 -1.63	35.48 2.95 -6.41	30.85 3.40 -0.05	28.79 2.78 -0.03	27.18 2.40 -0.01	26.63 2.31 -0.05	25.89 2.20 -0.01	25.51 2.17 -0.05	25.36 2.17 -0.06	26.53 2.43 -0.09	27.87 2.61 -0.15	30.61 3.31 -1.05	32.16 3.02 -3.28	35.41 2.87 -6.65	36.34 2.89 -7.38	28.82 2.84 -0.14	26.14 2.51 -0.14	24.34 2.11 -1.57
BURROWS___LYONSDAL 23803	21.71 0.15 0.00	20.38 0.12 0.00	19.78 0.10 0.00	19.55 0.12 0.00	20.03 0.10 0.00	22.42 0.20 0.00	26.21 0.28 -0.07	26.89 0.50 -0.28	27.82 0.38 -0.03	26.27 0.29 0.00	24.92 0.15 0.00	24.45 0.17 0.00	23.84 0.17 0.00	23.41 0.12 0.00	23.29 0.16 0.00	24.14 0.12 0.00	25.24 0.13 0.00	26.53 0.24 -0.04	26.25 0.26 -0.14	26.43 0.26 -0.29	26.69 0.31 -0.32	26.04 0.21 0.00	23.60 0.12 0.00	20.79 0.06 -0.06
CAITHNESS_CC_1 323624	24.39 2.59 -0.24	22.64 2.39 0.00	22.04 2.36 0.00	22.19 2.43 -0.33	22.42 2.49 0.00	25.74 2.69 -0.83	35.15 3.34 -5.96	36.94 3.58 -7.24	34.29 3.95 -2.94	31.11 3.09 -2.03	29.88 2.45 -2.65	28.82 2.35 -2.19	27.51 2.25 -1.58	27.58 2.21 -2.08	27.51 2.20 -2.19	30.32 2.45 -3.85	31.46 2.69 -3.66	32.90 3.36 -3.29	35.07 3.13 -6.10	43.36 3.03 -14.44	45.21 3.07 -16.08	32.90 3.00 -4.07	30.56 2.84 -4.23	26.64 2.35 -3.63
CALPINE BETH_PAGE_GT4 24209	24.33 2.52 -0.24	22.67 2.41 0.00	21.96 2.28 0.00	22.09 2.33 -0.33	22.34 2.41 0.00	25.67 2.62 -0.83	35.14 3.26 -6.02	36.73 3.29 -7.32	34.23 3.84 -2.98	31.14 3.09 -2.06	30.06 2.63 -2.67	29.04 2.52 -2.24	27.68 2.42 -1.59	27.79 2.38 -2.12	27.73 2.36 -2.25	30.58 2.62 -3.94	31.66 2.74 -3.81	33.11 3.41 -3.45	35.28 3.18 -6.25	43.59 3.08 -14.63	45.47 3.10 -16.30	33.10 3.05 -4.22	30.70 2.84 -4.37	26.85 2.44 -3.75
CALPINE_BETH_PAGE_GT_4 323586	24.33 2.52 -0.24	22.56 2.31 0.00	21.96 2.28 0.00	22.09 2.33 -0.33	22.34 2.41 0.00	25.67 2.62 -0.83	35.07 3.26 -5.96	36.81 3.45 -7.24	34.18 3.84 -2.94	31.11 3.09 -2.03	30.05 2.62 -2.65	28.99 2.52 -2.19	27.67 2.42 -1.58	27.75 2.38 -2.08	27.67 2.36 -2.19	30.49 2.62 -3.85	31.51 2.74 -3.66	32.95 3.41 -3.29	35.13 3.18 -6.10	43.43 3.10 -14.44	45.26 3.13 -16.08	32.95 3.05 -4.07	30.56 2.84 -4.23	26.73 2.44 -3.63
CALPINE_BP_GT1 23823	24.33 2.52 -0.24	22.56 2.31 0.00	21.96 2.28 0.00	22.09 2.33 -0.33	22.34 2.41 0.00	25.67 2.62 -0.83	35.07 3.26 -5.96	36.81 3.45 -7.24	34.18 3.84 -2.94	31.11 3.09 -2.03	30.05 2.62 -2.65	28.99 2.52 -2.19	27.67 2.42 -1.58	27.75 2.38 -2.08	27.67 2.36 -2.19	30.49 2.62 -3.85	31.51 2.74 -3.66	32.95 3.41 -3.29	35.13 3.18 -6.10	43.43 3.10 -14.44	45.26 3.13 -16.08	32.95 3.05 -4.07	30.56 2.84 -4.23	26.73 2.44 -3.63
CALSPAN___DRP 24200	21.11 -0.45 0.00	19.69 -0.57 0.00	19.23 -0.45 0.00	18.97 -0.47 0.00	19.21 -0.72 0.00	21.58 -0.64 0.00	22.45 -0.78 2.63	21.60 -0.47 4.05	24.87 -0.36 2.18	24.08 -0.49 1.41	23.57 -0.69 0.51	21.17 -0.90 2.21	22.45 -0.73 0.50	20.33 -0.82 2.15	19.27 -0.88 2.97	18.74 -1.23 4.05	16.93 -1.18 7.00	18.07 -0.92 7.26	19.90 -0.72 5.23	20.69 -0.75 4.44	19.23 -0.60 6.23	18.30 -0.70 6.83	15.95 -0.94 6.59	14.87 -0.76 5.03
CALVERTON___SOLAR 323806	24.46 2.65 -0.24	22.71 2.45 0.00	22.10 2.42 0.00	22.25 2.49 -0.33	22.50 2.57 0.00	25.83 2.78 -0.83	35.20 3.39 -5.96	37.02 3.66 -7.24	34.40 4.06 -2.94	31.16 3.14 -2.03	29.88 2.45 -2.65	28.80 2.33 -2.19	27.51 2.25 -1.58	27.58 2.21 -2.08	27.51 2.20 -2.19	30.32 2.45 -3.85	31.46 2.69 -3.66	32.93 3.39 -3.29	35.13 3.18 -6.10	43.41 3.08 -14.44	45.24 3.10 -16.08	32.93 3.02 -4.07	30.56 2.84 -4.23	26.64 2.35 -3.63
CANDIGU_WT_PWR 323617	21.71 0.15 0.00	20.48 0.22 0.00	19.78 0.10 0.00	19.51 0.08 0.00	19.85 -0.08 0.00	22.26 0.04 0.00	9.38 0.08 16.55	-2.96 0.37 29.44	15.51 0.52 12.42	18.25 0.34 8.07	22.03 0.15 2.89	11.59 -0.10 12.59	20.88 0.02 2.82	10.95 -0.12 12.23	5.99 -0.21 16.93	0.44 -0.51 23.08	-14.58 -0.38 39.32	-15.54 0.00 41.79	-6.69 0.13 32.67	-5.72 0.13 31.74	-16.21 0.23 42.51	-12.54 0.08 38.45	-13.79 -0.16 37.11	-9.28 -0.14 29.80
CARR STREET_E_SYR 24060	21.50 -0.06 0.00	20.24 -0.02 0.00	19.62 -0.06 0.00	19.37 -0.06 0.00	19.83 -0.10 0.00	22.15 -0.07 0.00	26.11 0.05 -0.20	27.14 0.23 -0.79	27.69 0.27 0.00	26.14 0.16 0.00	24.82 0.05 0.00	24.28 0.00 0.00	23.68 0.00 0.00	23.29 0.00 0.00	23.08 -0.05 0.00	23.93 -0.10 0.00	25.06 -0.05 0.00	26.39 0.03 -0.11	26.29 0.10 -0.33	26.67 0.10 -0.69	26.98 0.16 -0.76	25.91 0.08 0.00	23.41 -0.07 0.00	20.79 -0.02 -0.15
CARTHAGE___PAPER 23857	21.22 -0.35 0.00	19.91 -0.34 0.00	19.33 -0.35 0.00	19.10 -0.33 0.00	19.59 -0.34 0.00	21.93 -0.29 0.00	25.78 -0.18 -0.10	26.40 -0.16 -0.43	27.23 -0.22 -0.05	25.72 -0.26 0.00	24.40 -0.37 0.00	23.96 -0.32 0.00	23.35 -0.33 0.00	22.92 -0.37 0.00	22.82 -0.30 0.00	23.66 -0.36 0.00	24.74 -0.38 0.00	26.03 -0.29 -0.06	25.80 -0.23 -0.18	26.05 -0.21 -0.38	26.38 -0.10 -0.42	25.62 -0.21 0.00	23.25 -0.23 0.00	20.47 -0.27 -0.08

CASSADAGA_WT_PWR 323784	21.17 -0.39 0.00	19.93 -0.32 0.00	19.13 -0.55 0.00	18.79 -0.64 0.00	18.97 -0.96 0.00	21.29 -0.93 0.00	22.73 -1.09 2.04	22.44 -0.70 2.98	25.26 -0.38 1.76	24.30 -0.55 1.14	23.64 -0.72 0.41	21.49 -1.00 1.79	22.47 -0.81 0.40	20.63 -0.93 1.73	19.69 -1.04 2.40	19.28 -1.47 3.27	19.00 -1.43 4.68	20.26 -1.10 4.88	21.51 -0.93 3.41	22.22 -0.96 2.71	21.31 -0.86 3.89	20.25 -0.93 4.65	17.80 -1.20 4.49	16.25 -1.05 3.35
CE_DUNWOOD___DRP 24194	23.46 1.90 0.00	22.10 1.84 0.00	21.45 1.77 0.00	21.20 1.77 0.00	21.78 1.85 0.00	24.20 1.98 0.00	29.96 2.48 -1.63	35.13 2.61 -6.41	30.47 3.01 -0.05	28.40 2.39 -0.03	26.84 2.06 -0.01	26.29 1.97 -0.05	25.56 1.87 -0.01	25.18 1.84 -0.05	25.01 1.83 -0.06	26.17 2.07 -0.09	27.50 2.24 -0.15	30.19 2.89 -1.05	31.79 2.66 -3.28	35.07 2.54 -6.65	36.02 2.58 -7.37	28.48 2.51 -0.14	25.81 2.18 -0.14	24.07 1.84 -1.57
CE_MILLWOOD___DRP 24193	23.42 1.85 0.00	22.04 1.78 0.00	21.41 1.73 0.00	21.16 1.73 0.00	21.74 1.81 0.00	24.18 1.96 0.00	29.91 2.43 -1.63	35.08 2.56 -6.41	30.39 2.93 -0.05	28.35 2.34 -0.03	26.79 2.01 -0.01	26.24 1.92 -0.05	25.51 1.82 -0.01	25.13 1.79 -0.05	24.97 1.78 -0.06	26.12 2.02 -0.09	27.42 2.16 -0.15	30.11 2.81 -1.05	31.71 2.59 -3.28	35.02 2.48 -6.65	35.97 2.53 -7.37	28.43 2.45 -0.14	25.76 2.14 -0.14	24.03 1.80 -1.57
CE_NYC2_DRP 24202	23.74 2.18 0.00	22.32 2.07 0.00	21.65 1.97 0.00	21.40 1.96 0.00	22.00 2.07 0.00	24.38 2.16 0.00	30.10 2.61 -1.63	35.32 2.79 -6.41	30.69 3.23 -0.05	28.64 2.62 -0.03	27.03 2.25 -0.01	26.51 2.18 -0.05	25.80 2.11 -0.01	25.41 2.07 -0.05	25.27 2.08 -0.06	26.44 2.33 -0.09	27.75 2.49 -0.15	30.51 3.20 -1.05	32.03 2.90 -3.28	35.26 2.72 -6.65	36.15 2.71 -7.38	28.66 2.69 -0.14	26.02 2.40 -0.14	24.31 2.07 -1.58
CE_NYC_DRP 24195	23.65 2.09 0.00	22.24 1.99 0.00	21.57 1.89 0.00	21.34 1.90 0.00	21.92 1.99 0.00	24.33 2.11 0.00	30.12 2.64 -1.63	35.32 2.79 -6.41	30.69 3.23 -0.05	28.64 2.62 -0.03	27.03 2.25 -0.01	26.48 2.16 -0.05	25.75 2.06 -0.01	25.39 2.05 -0.05	25.22 2.04 -0.06	26.39 2.28 -0.09	27.70 2.44 -0.15	30.43 3.12 -1.05	31.98 2.84 -3.28	35.23 2.69 -6.65	36.15 2.71 -7.38	28.66 2.69 -0.14	26.00 2.37 -0.14	24.22 1.98 -1.57
CHAFFEE___LFGE 323603	21.11 -0.45 0.00	19.99 -0.26 0.00	19.21 -0.47 0.00	18.95 -0.49 0.00	19.19 -0.74 0.00	21.55 -0.67 0.00	22.53 -0.93 2.40	21.85 -0.63 3.64	24.92 -0.47 2.02	24.10 -0.57 1.31	23.61 -0.69 0.47	21.24 -1.00 2.04	22.46 -0.76 0.46	20.40 -0.91 1.98	19.38 -0.99 2.75	18.93 -1.34 3.75	17.92 -1.33 5.86	19.31 -0.89 6.05	20.80 -0.70 4.36	21.50 -0.70 3.69	20.31 -0.57 5.18	19.45 -0.67 5.71	17.03 -0.94 5.51	15.70 -0.76 4.20
CHATEAUG_35_KV_LOAD 355732	21.32 -0.24 0.00	19.97 -0.28 0.00	19.46 -0.22 0.00	19.16 -0.27 0.00	19.71 -0.22 0.00	21.93 -0.29 0.00	25.56 -0.31 -0.01	25.74 -0.42 -0.04	27.00 -0.36 0.05	25.98 0.00 0.00	24.94 0.17 0.00	24.45 0.17 0.00	23.87 0.19 0.00	23.46 0.16 0.00	23.31 0.19 0.00	24.12 0.10 0.00	24.99 -0.13 0.00	25.71 -0.55 -0.01	25.38 -0.49 -0.02	25.38 -0.54 -0.04	25.48 -0.63 -0.05	25.29 -0.54 0.00	23.20 -0.28 0.00	20.40 -0.27 -0.01
CHATEAUG_WT_PWR 323614	21.35 -0.22 0.00	19.97 -0.28 0.00	19.48 -0.20 0.00	19.18 -0.25 0.00	19.73 -0.20 0.00	21.95 -0.27 0.00	25.57 -0.28 0.00	25.78 -0.34 0.00	27.03 -0.33 0.04	26.01 0.03 0.00	24.94 0.17 0.00	24.47 0.19 0.00	23.89 0.21 0.00	23.48 0.19 0.00	23.33 0.21 0.00	24.12 0.10 0.00	24.99 -0.12 0.00	25.73 -0.52 0.00	25.36 -0.49 0.00	25.32 -0.57 0.00	25.44 -0.63 0.00	25.29 -0.54 0.00	23.20 -0.28 0.00	20.41 -0.25 0.00
CHAT_HIGH_FALL_HYD 323578	21.33 -0.24 0.00	19.95 -0.30 0.00	19.46 -0.22 0.00	19.16 -0.27 0.00	19.71 -0.22 0.00	21.93 -0.29 0.00	25.55 -0.31 0.00	25.75 -0.37 0.00	26.99 -0.36 0.06	25.98 0.00 0.00	24.94 0.17 0.00	24.45 0.17 0.00	23.87 0.19 0.00	23.46 0.16 0.00	23.31 0.18 0.00	24.12 0.10 0.00	24.99 -0.12 0.00	25.70 -0.55 0.00	25.36 -0.49 0.00	25.32 -0.57 0.00	25.44 -0.63 0.00	25.29 -0.54 0.00	23.20 -0.28 0.00	20.39 -0.27 0.00
CHAUTAUQUA___LFGE 323629	21.20 -0.37 0.00	19.99 -0.26 0.00	19.21 -0.47 0.00	18.91 -0.52 0.00	19.11 -0.82 0.00	21.46 -0.76 0.00	22.41 -0.80 2.64	21.58 -0.44 4.09	25.02 -0.19 2.19	24.20 -0.36 1.42	23.69 -0.57 0.51	21.25 -0.80 2.22	22.54 -0.64 0.50	20.42 -0.72 2.16	19.31 -0.83 2.99	18.72 -1.22 4.07	17.70 -1.18 6.23	18.91 -0.92 6.42	20.43 -0.77 4.65	21.16 -0.75 3.97	19.85 -0.65 5.56	19.06 -0.72 6.05	16.64 -1.01 5.84	15.33 -0.87 4.46
CHERRYST_13_KV_LD 356241	23.72 2.16 0.00	22.28 2.03 0.00	21.63 1.95 0.00	21.38 1.94 0.00	21.98 2.05 0.00	24.40 2.18 0.00	30.20 2.71 -1.63	35.43 2.90 -6.41	30.77 3.32 -0.05	28.74 2.73 -0.03	27.13 2.35 -0.01	26.56 2.23 -0.05	25.84 2.15 -0.01	25.46 2.12 -0.05	25.29 2.10 -0.06	26.49 2.38 -0.09	27.80 2.54 -0.15	30.53 3.23 -1.05	32.05 2.92 -3.28	35.31 2.77 -6.65	36.23 2.79 -7.38	28.71 2.74 -0.14	26.07 2.44 -0.14	24.28 2.05 -1.57
CHESTROR_138KV_BK263 355645	23.18 1.62 0.00	21.82 1.56 0.00	21.18 1.50 0.00	20.95 1.52 0.00	21.50 1.57 0.00	23.93 1.71 0.00	29.60 2.17 -1.57	34.56 2.27 -6.17	30.06 2.60 -0.05	28.04 2.03 -0.03	26.49 1.71 -0.01	25.95 1.63 -0.05	25.25 1.56 -0.01	24.86 1.51 -0.05	24.72 1.53 -0.07	25.84 1.73 -0.09	27.15 1.88 -0.16	29.75 2.47 -1.03	31.32 2.30 -3.17	34.52 2.23 -6.41	35.44 2.27 -7.11	28.18 2.20 -0.15	25.51 1.88 -0.15	23.75 1.57 -1.52
CH_MIDHUDSON___DRP 24192	23.31 1.75 0.00	21.94 1.68 0.00	21.31 1.63 0.00	21.08 1.65 0.00	21.62 1.69 0.00	24.09 1.87 0.00	29.84 2.33 -1.66	35.09 2.43 -6.54	30.22 2.77 -0.05	28.14 2.13 -0.03	26.59 1.81 -0.01	26.05 1.72 -0.05	25.32 1.63 -0.01	24.95 1.61 -0.04	24.78 1.60 -0.06	25.93 1.83 -0.08	27.24 1.98 -0.14	29.92 2.60 -1.07	31.63 2.43 -3.34	35.03 2.36 -6.79	35.99 2.40 -7.53	28.30 2.32 -0.14	25.62 2.00 -0.14	23.93 1.67 -1.60
CH_MISC_IPPS 23765	23.44 1.87 0.00	21.96 1.70 0.00	21.41 1.73 0.00	21.16 1.73 0.00	21.72 1.79 0.00	24.22 2.00 0.00	29.88 2.46 -1.57	35.10 2.61 -6.37	30.34 2.93 0.00	28.27 2.29 0.00	26.75 1.98 0.00	26.15 1.87 0.00	25.46 1.78 0.00	25.04 1.75 0.00	24.86 1.74 0.00	25.99 1.97 0.00	27.27 2.16 0.00	29.93 2.78 -0.90	31.60 2.61 -3.14	34.93 2.54 -6.50	35.86 2.61 -7.19	28.31 2.48 0.00	25.60 2.11 0.00	23.91 1.80 -1.46
CH_RES_BVR_FALLS 23983	21.22 -0.35 0.00	19.81 -0.45 0.00	19.15 -0.53 0.00	18.87 -0.56 0.00	19.37 -0.56 0.00	21.62 -0.60 0.00	25.08 -0.78 0.00	25.33 -0.78 0.00	26.61 -0.80 0.01	25.47 -0.52 0.00	24.40 -0.37 0.00	23.94 -0.34 0.00	23.37 -0.31 0.00	22.97 -0.33 0.00	22.82 -0.30 0.00	23.69 -0.34 0.00	24.71 -0.40 0.00	25.67 -0.58 0.00	25.26 -0.59 0.00	25.24 -0.65 0.00	25.33 -0.73 0.00	25.08 -0.75 0.00	22.87 -0.61 0.00	20.10 -0.56 0.00

CH_RES_NIAGARA 23895	20.31 -1.25 0.00	19.30 -0.95 0.00	18.54 -1.14 0.00	18.27 -1.17 0.00	18.51 -1.41 0.00	20.80 -1.42 0.00	22.53 -0.98 2.34	21.79 -0.73 3.59	24.54 -0.90 1.96	23.72 -0.99 1.27	22.93 -1.39 0.46	20.93 -1.36 1.99	21.55 -1.68 0.45	20.15 -1.21 1.93	19.14 -1.32 2.67	18.75 -1.63 3.64	17.79 -1.66 5.66	18.75 -1.73 5.77	20.14 -1.53 4.18	20.75 -1.55 3.59	19.62 -1.43 5.01	18.90 -1.50 5.43	16.59 -1.64 5.24	15.29 -1.36 4.01
CH_RES_SYRACUSE 23985	21.65 0.09 0.00	20.36 0.10 0.00	19.74 0.06 0.00	19.51 0.08 0.00	19.97 0.04 0.00	22.31 0.09 0.00	26.28 0.21 -0.22	27.37 0.39 -0.86	27.85 0.44 0.00	26.30 0.31 0.00	24.97 0.20 0.00	24.42 0.15 0.00	23.82 0.14 0.00	23.44 0.14 0.00	23.22 0.09 0.00	24.05 0.02 0.00	25.19 0.08 0.00	26.56 0.19 -0.12	26.48 0.26 -0.37	26.88 0.23 -0.76	27.19 0.29 -0.84	26.04 0.21 0.00	23.55 0.07 0.00	20.91 0.08 -0.17
CLINTON_WT_PWR 323605	21.35 -0.22 0.00	19.97 -0.28 0.00	19.48 -0.20 0.00	19.18 -0.25 0.00	19.73 -0.20 0.00	21.95 -0.27 0.00	25.57 -0.28 0.00	25.78 -0.34 0.00	27.03 -0.33 0.04	26.01 0.03 0.00	24.94 0.17 0.00	24.47 0.19 0.00	23.89 0.21 0.00	23.48 0.19 0.00	23.33 0.21 0.00	24.12 0.10 0.00	24.99 -0.12 0.00	25.73 -0.52 0.00	25.36 -0.49 0.00	25.32 -0.57 0.00	25.44 -0.63 0.00	25.29 -0.54 0.00	23.20 -0.28 0.00	20.41 -0.25 0.00
CLINTON___LFGE 323618	21.50 -0.06 0.00	20.11 -0.14 0.00	19.62 -0.06 0.00	19.32 -0.12 0.00	19.89 -0.04 0.00	22.11 -0.11 0.00	25.83 -0.03 0.00	26.04 -0.08 0.00	27.36 0.00 0.05	26.30 0.31 0.00	25.22 0.45 0.00	24.69 0.41 0.00	24.13 0.45 0.00	23.71 0.42 0.00	23.59 0.46 0.00	24.38 0.36 0.00	25.26 0.15 0.00	25.99 -0.26 0.00	25.64 -0.21 0.00	25.58 -0.31 0.00	25.70 -0.36 0.00	25.52 -0.31 0.00	23.39 -0.09 0.00	20.56 -0.10 0.00
COBBLENY_34_KV_TB1 80064	21.11 -0.45 0.00	19.69 -0.57 0.00	19.21 -0.47 0.00	18.95 -0.49 0.00	19.19 -0.74 0.00	21.55 -0.67 0.00	22.80 -0.93 2.12	22.41 -0.63 3.08	25.13 -0.47 1.81	24.21 -0.60 1.18	23.65 -0.69 0.42	21.44 -1.00 1.84	22.51 -0.76 0.41	20.60 -0.91 1.79	19.65 -0.99 2.48	19.30 -1.35 3.38	17.95 -1.33 5.84	19.35 -0.89 6.01	20.95 -0.70 4.21	21.76 -0.72 3.40	20.64 -0.57 4.85	19.47 -0.67 5.69	17.05 -0.94 5.49	15.78 -0.76 4.12
COFFEEN___115KV_TB3 355620	21.30 -0.26 0.00	19.97 -0.28 0.00	19.36 -0.31 0.00	19.16 -0.27 0.00	19.63 -0.30 0.00	22.02 -0.20 0.00	25.93 -0.03 -0.10	26.63 0.08 -0.43	27.43 0.00 -0.03	25.87 -0.10 0.01	24.49 -0.27 0.00	24.05 -0.22 0.01	23.42 -0.26 0.00	22.98 -0.30 0.01	22.86 -0.25 0.02	23.69 -0.31 0.02	24.78 -0.30 0.04	26.15 -0.13 -0.03	26.00 -0.05 -0.20	26.33 0.00 -0.45	26.70 0.16 -0.49	25.80 0.00 0.04	23.33 -0.12 0.03	20.57 -0.17 -0.08
COLDSPRG_115KV_BK1 355956	21.69 0.13 0.00	20.20 -0.06 0.00	19.68 0.00 0.00	19.36 -0.08 0.00	19.61 -0.32 0.00	22.04 -0.18 0.00	24.21 -0.57 1.08	24.84 -0.16 1.12	26.67 0.33 1.07	25.37 0.08 0.69	24.62 0.10 0.25	22.83 -0.36 1.08	23.36 -0.07 0.24	21.87 -0.37 1.05	21.21 -0.46 1.46	21.22 -0.82 1.99	21.03 -0.65 3.43	22.90 0.08 3.43	23.96 0.23 2.12	24.87 0.26 1.28	24.40 0.39 2.06	22.77 0.28 3.34	20.19 -0.07 3.22	18.34 -0.06 2.26
COLONIE_LFGE___ 323577	22.77 1.21 0.00	21.45 1.19 0.00	20.90 1.22 0.00	20.66 1.23 0.00	21.18 1.26 0.00	23.58 1.36 0.00	29.54 1.76 -1.93	35.65 1.75 -7.79	29.35 1.95 0.00	27.23 1.25 0.00	25.76 0.99 0.00	25.22 0.95 0.00	24.56 0.88 0.00	24.18 0.88 0.00	24.00 0.88 0.00	25.05 1.03 0.00	26.27 1.16 0.00	28.94 1.57 -1.11	31.32 1.58 -3.89	35.54 1.61 -8.05	36.60 1.64 -8.89	27.41 1.58 0.00	24.80 1.31 0.00	23.57 1.11 -1.80
COOPERNY_115KV_TB1 80082	23.03 1.47 0.00	21.67 1.42 0.00	21.04 1.36 0.00	20.79 1.36 0.00	21.34 1.41 0.00	23.78 1.56 0.00	29.24 1.97 -1.42	33.66 1.98 -5.55	29.71 2.25 -0.06	27.79 1.77 -0.04	26.27 1.49 -0.01	25.74 1.41 -0.06	25.04 1.35 -0.01	24.65 1.30 -0.05	24.49 1.30 -0.07	25.71 1.59 -0.10	27.02 1.73 -0.18	29.49 2.28 -0.96	30.84 2.12 -2.87	33.70 2.04 -5.77	34.58 2.11 -6.41	28.02 2.01 -0.17	25.36 1.71 -0.17	23.50 1.45 -1.39
COPENHAGEN_WT_PWR 323753	21.22 -0.35 0.00	19.91 -0.34 0.00	19.30 -0.37 0.00	19.10 -0.33 0.00	19.57 -0.36 0.00	21.91 -0.31 0.00	25.82 -0.15 -0.12	26.51 -0.10 -0.50	27.31 -0.14 -0.04	25.75 -0.23 0.00	24.42 -0.35 0.00	23.96 -0.32 0.00	23.35 -0.33 0.00	22.92 -0.37 0.00	22.80 -0.32 0.00	23.64 -0.39 0.00	24.71 -0.40 0.00	26.06 -0.26 -0.07	25.88 -0.18 -0.21	26.19 -0.13 -0.43	26.54 0.00 -0.48	25.70 -0.13 0.00	23.25 -0.23 0.00	20.53 -0.23 -0.10
CORNELL___ 23752	22.27 0.71 0.00	20.88 0.63 0.00	20.29 0.61 0.00	20.05 0.62 0.00	20.51 0.58 0.00	22.95 0.73 0.00	28.10 0.98 -1.26	30.72 1.31 -3.30	29.35 1.34 -0.60	27.52 1.14 -0.39	25.83 0.92 -0.14	25.71 0.83 -0.61	24.67 0.85 -0.14	24.65 0.77 -0.59	24.68 0.74 -0.81	25.81 0.67 -1.11	27.83 0.80 -1.92	29.61 1.05 -2.31	29.50 1.11 -2.54	30.46 1.09 -3.49	31.46 1.17 -4.22	28.74 1.03 -1.88	26.05 0.75 -1.81	23.21 0.66 -1.89
CORONA_AV_69_KV_TB1 355595	24.28 2.48 -0.24	22.61 2.35 0.00	21.92 2.24 0.00	22.05 2.29 -0.33	22.30 2.37 0.00	25.63 2.58 -0.83	35.04 3.15 -6.02	36.71 3.26 -7.32	34.12 3.73 -2.98	31.11 3.07 -2.06	30.06 2.63 -2.67	29.04 2.52 -2.24	27.68 2.42 -1.59	27.79 2.38 -2.12	27.73 2.36 -2.25	30.58 2.62 -3.94	31.73 2.81 -3.81	33.19 3.49 -3.45	35.36 3.26 -6.25	43.64 3.13 -14.63	45.55 3.18 -16.30	33.18 3.13 -4.22	30.65 2.79 -4.37	26.79 2.38 -3.75
CORTLAND_115KV_TB3 80093	22.04 0.47 0.00	20.68 0.43 0.00	20.09 0.41 0.00	19.86 0.43 0.00	20.33 0.40 0.00	22.73 0.51 0.00	27.14 0.70 -0.58	28.94 0.97 -1.86	28.61 1.04 -0.17	26.92 0.83 -0.11	25.45 0.64 -0.04	25.00 0.56 -0.16	24.31 0.59 -0.04	23.97 0.51 -0.16	23.83 0.49 -0.22	24.76 0.43 -0.30	26.19 0.55 -0.52	27.80 0.79 -0.76	27.85 0.83 -1.17	28.64 0.80 -1.95	29.18 0.86 -2.25	27.09 0.75 -0.51	24.52 0.54 -0.49	21.85 0.45 -0.74
COXSACKIE___GT 23611	22.98 1.42 0.00	21.65 1.40 0.00	21.06 1.38 0.00	20.81 1.38 0.00	21.36 1.44 0.00	23.86 1.64 0.00	29.67 2.02 -1.80	35.30 1.91 -7.28	29.60 2.19 0.00	27.36 1.38 0.00	25.81 1.04 0.00	25.34 1.07 0.00	24.63 0.95 0.00	24.25 0.96 0.00	24.10 0.97 0.00	25.17 1.15 0.00	26.44 1.33 0.00	29.02 1.73 -1.03	31.28 1.81 -3.62	35.20 1.84 -7.48	36.36 2.03 -8.27	27.79 1.96 0.00	25.13 1.64 0.00	23.59 1.26 -1.67
CPV_VALLEY___CC1 323721	23.03 1.47 0.00	21.59 1.34 0.00	21.04 1.36 0.00	20.79 1.36 0.00	21.34 1.42 0.00	23.77 1.55 0.00	29.27 1.96 -1.45	34.12 2.09 -5.91	29.76 2.36 0.00	27.80 1.82 0.00	26.31 1.54 0.00	25.73 1.46 0.00	25.05 1.37 0.00	24.65 1.35 0.00	24.47 1.34 0.00	25.58 1.56 0.00	26.80 1.68 0.00	29.34 2.26 -0.83	30.85 2.09 -2.91	33.95 2.04 -6.02	34.80 2.09 -6.65	27.82 1.99 0.00	25.18 1.69 0.00	23.43 1.42 -1.35

CPV_VALLEY___CC2 323722	23.03 1.47 0.00	21.59 1.34 0.00	21.04 1.36 0.00	20.79 1.36 0.00	21.34 1.42 0.00	23.77 1.55 0.00	29.27 1.96 -1.45	34.12 2.09 -5.91	29.76 2.36 0.00	27.80 1.82 0.00	26.31 1.54 0.00	25.73 1.46 0.00	25.05 1.37 0.00	24.65 1.35 0.00	24.47 1.34 0.00	25.58 1.56 0.00	26.80 1.68 0.00	29.34 2.26 -0.83	30.85 2.09 -2.91	33.95 2.04 -6.02	34.80 2.09 -6.65	27.82 1.99 0.00	25.18 1.69 0.00	23.43 1.42 -1.35
CRESCENT___HYD 24018	22.77 1.21 0.00	21.45 1.19 0.00	20.90 1.22 0.00	20.66 1.23 0.00	21.18 1.26 0.00	23.58 1.36 0.00	29.54 1.76 -1.93	35.65 1.75 -7.79	29.35 1.95 0.00	27.23 1.25 0.00	25.76 0.99 0.00	25.22 0.95 0.00	24.56 0.88 0.00	24.18 0.88 0.00	24.00 0.88 0.00	25.05 1.03 0.00	26.27 1.16 0.00	28.94 1.57 -1.11	31.32 1.58 -3.89	35.54 1.61 -8.05	36.60 1.64 -8.89	27.41 1.58 0.00	24.80 1.31 0.00	23.57 1.11 -1.80
CRICKET___VALLEY_CC1 323756	23.03 1.47 0.00	21.63 1.38 0.00	21.12 1.44 0.00	20.89 1.46 0.00	21.42 1.50 0.00	23.82 1.60 0.00	29.51 2.04 -1.61	34.76 2.11 -6.53	29.82 2.41 0.00	27.65 1.66 0.00	26.13 1.36 0.00	25.56 1.29 0.00	24.89 1.21 0.00	24.51 1.21 0.00	24.33 1.20 0.00	25.44 1.42 0.00	26.67 1.56 0.00	29.27 2.10 -0.92	31.10 2.02 -3.23	34.57 1.99 -6.69	35.47 2.01 -7.39	27.77 1.94 0.00	25.13 1.64 0.00	23.54 1.38 -1.50
CRICKET___VALLEY_CC2 323757	23.03 1.47 0.00	21.63 1.38 0.00	21.12 1.44 0.00	20.89 1.46 0.00	21.42 1.50 0.00	23.82 1.60 0.00	29.51 2.04 -1.61	34.76 2.11 -6.53	29.82 2.41 0.00	27.65 1.66 0.00	26.13 1.36 0.00	25.56 1.29 0.00	24.89 1.21 0.00	24.51 1.21 0.00	24.33 1.20 0.00	25.44 1.42 0.00	26.67 1.56 0.00	29.27 2.10 -0.92	31.10 2.02 -3.23	34.57 1.99 -6.69	35.47 2.01 -7.39	27.77 1.94 0.00	25.13 1.64 0.00	23.54 1.38 -1.50
CRICKET___VALLEY_CC3 323758	23.03 1.47 0.00	21.63 1.38 0.00	21.12 1.44 0.00	20.89 1.46 0.00	21.42 1.50 0.00	23.82 1.60 0.00	29.51 2.04 -1.61	34.76 2.11 -6.53	29.82 2.41 0.00	27.65 1.66 0.00	26.13 1.36 0.00	25.56 1.29 0.00	24.89 1.21 0.00	24.51 1.21 0.00	24.33 1.20 0.00	25.44 1.42 0.00	26.67 1.56 0.00	29.27 2.10 -0.92	31.10 2.02 -3.23	34.57 1.99 -6.69	35.47 2.01 -7.39	27.77 1.94 0.00	25.13 1.64 0.00	23.54 1.38 -1.50
CRUCIBLE_METL_DRP 24180	21.65 0.09 0.00	20.32 0.06 0.00	19.74 0.06 0.00	19.51 0.08 0.00	19.97 0.04 0.00	22.31 0.09 0.00	26.31 0.21 -0.25	27.46 0.42 -0.93	27.87 0.44 -0.03	26.31 0.31 -0.01	24.97 0.20 -0.01	24.44 0.15 -0.02	23.83 0.14 -0.01	23.46 0.14 -0.02	23.25 0.09 -0.03	24.09 0.02 -0.04	25.26 0.08 -0.07	26.64 0.18 -0.20	26.61 0.26 -0.50	27.08 0.23 -0.97	27.43 0.29 -1.08	26.11 0.21 -0.07	23.62 0.07 -0.07	21.00 0.08 -0.26
DAHOWA___HYDRO 323763	22.98 1.42 0.00	21.63 1.38 0.00	21.04 1.36 0.00	20.77 1.34 0.00	21.34 1.42 0.00	23.73 1.51 0.00	29.91 2.09 -1.96	36.01 1.96 -7.93	29.52 2.11 0.00	27.52 1.53 0.00	25.98 1.21 0.00	25.47 1.19 0.00	24.79 1.11 0.00	24.39 1.10 0.00	24.24 1.11 0.00	25.32 1.30 0.00	26.52 1.41 0.00	29.24 1.86 -1.13	31.70 1.89 -3.96	35.99 1.92 -8.19	37.10 1.98 -9.05	27.69 1.86 0.00	25.06 1.57 0.00	23.82 1.32 -1.83
DANC___LFGE 323619	21.24 -0.32 0.00	19.95 -0.30 0.00	19.34 -0.33 0.00	19.12 -0.31 0.00	19.57 -0.36 0.00	21.89 -0.33 0.00	25.79 -0.21 -0.14	26.54 -0.16 -0.58	27.27 -0.16 -0.03	25.72 -0.26 0.00	24.42 -0.35 0.00	23.96 -0.32 0.00	23.35 -0.33 0.00	22.95 -0.35 0.00	22.80 -0.32 0.00	23.61 -0.41 0.00	24.69 -0.43 0.00	26.02 -0.31 -0.08	25.86 -0.23 -0.24	26.20 -0.18 -0.50	26.56 -0.05 -0.55	25.68 -0.15 0.00	23.23 -0.26 0.00	20.54 -0.23 -0.11
DANSKAMMER___1 23586	23.44 1.87 0.00	21.96 1.70 0.00	21.41 1.73 0.00	21.16 1.73 0.00	21.72 1.79 0.00	24.22 2.00 0.00	29.88 2.46 -1.57	35.10 2.61 -6.37	30.34 2.93 0.00	28.27 2.29 0.00	26.75 1.98 0.00	26.15 1.87 0.00	25.46 1.78 0.00	25.04 1.75 0.00	24.86 1.74 0.00	25.99 1.97 0.00	27.27 2.16 0.00	29.93 2.78 -0.90	31.60 2.61 -3.14	34.93 2.54 -6.50	35.86 2.61 -7.19	28.31 2.48 0.00	25.60 2.11 0.00	23.91 1.80 -1.46
DANSKAMMER___2 23589	23.44 1.87 0.00	21.96 1.70 0.00	21.41 1.73 0.00	21.16 1.73 0.00	21.72 1.79 0.00	24.22 2.00 0.00	29.88 2.46 -1.57	35.10 2.61 -6.37	30.34 2.93 0.00	28.27 2.29 0.00	26.75 1.98 0.00	26.15 1.87 0.00	25.46 1.78 0.00	25.04 1.75 0.00	24.86 1.74 0.00	25.99 1.97 0.00	27.27 2.16 0.00	29.93 2.78 -0.90	31.60 2.61 -3.14	34.93 2.54 -6.50	35.86 2.61 -7.19	28.31 2.48 0.00	25.60 2.11 0.00	23.91 1.80 -1.46
DANSKAMMER___3 23590	23.44 1.87 0.00	21.96 1.70 0.00	21.41 1.73 0.00	21.16 1.73 0.00	21.72 1.79 0.00	24.22 2.00 0.00	29.88 2.46 -1.57	35.10 2.61 -6.37	30.34 2.93 0.00	28.27 2.29 0.00	26.75 1.98 0.00	26.15 1.87 0.00	25.46 1.78 0.00	25.04 1.75 0.00	24.86 1.74 0.00	25.99 1.97 0.00	27.27 2.16 0.00	29.93 2.78 -0.90	31.60 2.61 -3.14	34.93 2.54 -6.50	35.86 2.61 -7.19	28.31 2.48 0.00	25.60 2.11 0.00	23.91 1.80 -1.46
DANSKAMMER___4 23591	23.44 1.87 0.00	21.96 1.70 0.00	21.41 1.73 0.00	21.16 1.73 0.00	21.72 1.79 0.00	24.22 2.00 0.00	29.88 2.46 -1.57	35.10 2.61 -6.37	30.34 2.93 0.00	28.27 2.29 0.00	26.75 1.98 0.00	26.15 1.87 0.00	25.46 1.78 0.00	25.04 1.75 0.00	24.86 1.74 0.00	25.99 1.97 0.00	27.27 2.16 0.00	29.93 2.78 -0.90	31.60 2.61 -3.14	34.93 2.54 -6.50	35.86 2.61 -7.19	28.31 2.48 0.00	25.60 2.11 0.00	23.91 1.80 -1.46
DANSKAMMER___DIESEL 23592	23.44 1.88 0.00	22.04 1.78 0.00	21.41 1.73 0.00	21.16 1.73 0.00	21.72 1.79 0.00	24.22 2.00 0.00	29.95 2.46 -1.63	35.13 2.59 -6.43	30.39 2.93 -0.05	28.30 2.29 -0.03	26.76 1.98 -0.01	26.19 1.87 -0.05	25.46 1.78 -0.01	25.09 1.75 -0.05	24.92 1.73 -0.06	26.08 1.97 -0.09	27.42 2.16 -0.15	30.09 2.78 -1.06	31.75 2.61 -3.29	35.07 2.51 -6.67	36.04 2.58 -7.40	28.46 2.48 -0.14	25.74 2.11 -0.14	24.03 1.80 -1.58
DARBY___SOLAR 323810	22.96 1.40 0.00	21.63 1.38 0.00	21.02 1.34 0.00	20.75 1.32 0.00	21.32 1.39 0.00	23.71 1.49 0.00	29.93 2.04 -2.03	36.12 1.93 -8.07	29.55 2.11 -0.03	27.51 1.51 -0.02	25.99 1.21 -0.01	25.47 1.17 -0.03	24.77 1.09 -0.01	24.42 1.09 -0.03	24.25 1.09 -0.04	25.35 1.27 -0.06	26.59 1.38 -0.10	29.33 1.84 -1.24	31.78 1.84 -4.09	36.15 1.89 -8.37	37.26 1.93 -9.27	27.74 1.81 -0.10	25.13 1.55 -0.09	23.89 1.30 -1.93
DASHVILLE___HYD 23610	23.24 1.68 0.00	21.84 1.58 0.00	21.19 1.52 0.00	20.97 1.54 0.00	21.52 1.59 0.00	23.95 1.73 0.00	29.22 1.68 -1.68	34.64 1.88 -6.64	29.84 2.38 -0.05	27.88 1.87 -0.03	26.37 1.59 -0.01	25.83 1.51 -0.05	25.11 1.42 -0.01	24.74 1.40 -0.04	24.57 1.39 -0.06	25.74 1.63 -0.08	27.09 1.83 -0.14	29.54 2.21 -1.08	31.23 1.99 -3.39	34.66 1.89 -6.89	35.63 1.93 -7.64	28.12 2.14 -0.14	25.47 1.86 -0.14	23.56 1.28 -1.62

DEERFIELD_69_KV_DEERFIELD LD 355887	24.80 3.00 -0.24	23.13 2.88 0.00	22.40 2.72 0.00	22.56 2.80 -0.33	22.80 2.87 0.00	26.16 3.11 -0.83	35.79 3.90 -6.02	37.36 3.92 -7.32	34.99 4.60 -2.98	31.69 3.64 -2.06	30.36 2.92 -2.67	29.28 2.77 -2.24	27.92 2.65 -1.59	28.05 2.63 -2.12	27.99 2.61 -2.25	30.84 2.88 -3.94	32.09 3.16 -3.81	33.61 3.91 -3.45	35.80 3.70 -6.25	44.08 3.57 -14.63	45.96 3.60 -16.30	33.56 3.51 -4.22	31.14 3.29 -4.37	27.14 2.73 -3.75
DELAWARE___LFGE 323621	22.47 0.91 0.00	21.11 0.85 0.00	20.51 0.83 0.00	20.27 0.84 0.00	20.76 0.84 0.00	23.20 0.98 0.00	28.12 1.27 -1.00	31.35 1.46 -3.77	29.14 1.64 -0.08	27.36 1.33 -0.05	25.88 1.09 -0.02	25.38 1.02 -0.08	24.69 0.99 -0.02	24.33 0.96 -0.08	24.19 0.95 -0.11	25.14 0.96 -0.15	26.46 1.08 -0.27	28.51 1.47 -0.79	29.26 1.40 -2.01	31.17 1.37 -3.92	31.88 1.43 -4.38	27.44 1.34 -0.26	24.84 1.10 -0.25	22.62 0.93 -1.03
DERFIELD_115KV_TB7 355931	21.65 0.09 0.00	20.34 0.08 0.00	19.76 0.08 0.00	19.51 0.08 0.00	20.01 0.08 0.00	22.31 0.09 0.00	26.00 0.13 -0.01	26.32 0.16 -0.05	27.57 0.16 0.00	26.09 0.10 0.00	24.82 0.05 0.00	24.33 0.05 0.00	23.73 0.05 0.00	23.34 0.05 0.00	23.17 0.05 0.00	24.07 0.05 0.00	25.19 0.08 0.00	26.42 0.16 -0.01	25.98 0.10 -0.02	26.04 0.10 -0.05	26.25 0.13 -0.06	25.93 0.10 0.00	23.53 0.05 0.00	20.71 0.04 -0.01
DOGLEVILLE___HYD 23807	21.52 -0.04 0.00	20.16 -0.10 0.00	19.54 -0.14 0.00	19.28 -0.16 0.00	19.79 -0.14 0.00	22.09 -0.13 0.00	25.68 -0.21 -0.03	26.05 -0.18 -0.12	27.32 -0.08 0.00	25.91 -0.08 0.00	24.62 -0.15 0.00	24.13 -0.14 0.00	23.51 -0.16 0.00	23.08 -0.21 0.00	22.92 -0.21 0.00	23.76 -0.26 0.00	24.86 -0.25 0.00	26.09 -0.18 -0.02	25.60 -0.31 -0.06	25.67 -0.34 -0.12	25.83 -0.36 -0.13	25.42 -0.41 0.00	23.01 -0.47 0.00	20.25 -0.43 -0.03
DUNKIRK___115KV_TB_200 55889	21.22 -0.34 0.00	19.71 -0.55 0.00	19.23 -0.45 0.00	18.93 -0.51 0.00	19.15 -0.78 0.00	21.51 -0.71 0.00	22.85 -0.78 2.24	22.37 -0.44 3.30	25.35 -0.16 1.89	24.39 -0.36 1.23	23.78 -0.54 0.44	21.55 -0.80 1.92	22.63 -0.62 0.43	20.73 -0.70 1.87	19.73 -0.81 2.59	19.29 -1.20 3.53	17.87 -1.16 6.09	19.07 -0.89 6.29	20.69 -0.72 4.44	21.50 -0.75 3.64	20.27 -0.63 5.17	19.19 -0.70 5.94	16.79 -0.96 5.73	15.51 -0.83 4.32
DUNKIRK___1 23563	21.22 -0.34 0.00	19.71 -0.55 0.00	19.23 -0.45 0.00	18.93 -0.51 0.00	19.15 -0.78 0.00	21.51 -0.71 0.00	22.85 -0.78 2.24	22.37 -0.44 3.30	25.35 -0.16 1.89	24.39 -0.36 1.23	23.78 -0.54 0.44	21.55 -0.80 1.92	22.63 -0.62 0.43	20.73 -0.70 1.87	19.73 -0.81 2.59	19.29 -1.20 3.53	17.87 -1.16 6.09	19.07 -0.89 6.29	20.69 -0.72 4.44	21.50 -0.75 3.64	20.27 -0.63 5.17	19.19 -0.70 5.94	16.79 -0.96 5.73	15.51 -0.83 4.32
DUNKIRK___2 23564	21.22 -0.34 0.00	19.71 -0.55 0.00	19.23 -0.45 0.00	18.93 -0.51 0.00	19.15 -0.78 0.00	21.51 -0.71 0.00	22.85 -0.78 2.24	22.37 -0.44 3.30	25.35 -0.16 1.89	24.39 -0.36 1.23	23.78 -0.54 0.44	21.55 -0.80 1.92	22.63 -0.62 0.43	20.73 -0.70 1.87	19.73 -0.81 2.59	19.29 -1.20 3.53	17.87 -1.16 6.09	19.07 -0.89 6.29	20.69 -0.72 4.44	21.50 -0.75 3.64	20.27 -0.63 5.17	19.19 -0.70 5.94	16.79 -0.96 5.73	15.51 -0.83 4.32
DUNKIRK___3 23565	21.20 -0.37 0.00	19.71 -0.55 0.00	19.23 -0.45 0.00	18.95 -0.49 0.00	19.17 -0.76 0.00	21.53 -0.69 0.00	22.75 -0.75 2.35	22.17 -0.42 3.53	25.24 -0.19 1.98	24.33 -0.36 1.29	23.76 -0.54 0.46	21.47 -0.80 2.01	22.59 -0.64 0.45	20.64 -0.70 1.95	19.61 -0.81 2.70	19.16 -1.18 3.69	17.64 -1.10 6.37	18.83 -0.84 6.58	20.51 -0.67 4.67	21.33 -0.67 3.88	20.03 -0.55 5.48	18.98 -0.65 6.21	16.58 -0.92 5.99	15.36 -0.76 4.53
DUNKIRK___4 23566	21.20 -0.37 0.00	19.71 -0.55 0.00	19.23 -0.45 0.00	18.95 -0.49 0.00	19.17 -0.76 0.00	21.53 -0.69 0.00	22.75 -0.75 2.35	22.17 -0.42 3.53	25.24 -0.19 1.98	24.33 -0.36 1.29	23.76 -0.54 0.46	21.47 -0.80 2.01	22.59 -0.64 0.45	20.64 -0.70 1.95	19.61 -0.81 2.70	19.16 -1.18 3.69	17.64 -1.10 6.37	18.83 -0.84 6.58	20.51 -0.67 4.67	21.33 -0.67 3.88	20.03 -0.55 5.48	18.98 -0.65 6.21	16.58 -0.92 5.99	15.36 -0.76 4.53
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	23.50 1.94 0.00	22.12 1.86 0.00	21.47 1.79 0.00	21.22 1.79 0.00	21.80 1.87 0.00	24.24 2.02 0.00	30.02 2.53 -1.63	35.19 2.66 -6.41	30.52 3.07 -0.05	28.46 2.44 -0.03	26.89 2.11 -0.01	26.34 2.01 -0.05	25.63 1.94 -0.01	25.25 1.91 -0.05	25.08 1.90 -0.06	26.24 2.14 -0.09	27.57 2.31 -0.15	30.27 2.97 -1.05	31.85 2.71 -3.28	35.13 2.59 -6.65	36.08 2.63 -7.38	28.56 2.58 -0.14	25.85 2.23 -0.14	24.11 1.88 -1.57
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	23.31 1.75 0.00	21.92 1.66 0.00	21.27 1.59 0.00	21.05 1.61 0.00	21.60 1.67 0.00	24.06 1.84 0.00	29.73 2.28 -1.60	34.82 2.40 -6.30	30.20 2.74 -0.05	28.17 2.16 -0.03	26.61 1.83 -0.01	26.07 1.75 -0.05	25.35 1.66 -0.01	24.97 1.63 -0.05	24.81 1.62 -0.06	25.96 1.85 -0.09	27.27 2.01 -0.15	29.92 2.63 -1.04	31.51 2.43 -3.23	34.78 2.36 -6.54	35.74 2.42 -7.25	28.31 2.32 -0.15	25.62 2.00 -0.14	23.88 1.67 -1.55
E179THST_138_KV_TB4_REV_LBMP_J 345001	23.72 2.16 0.00	22.36 2.11 0.00	21.67 1.99 0.00	21.40 1.96 0.00	22.02 2.09 0.00	24.33 2.11 0.00	29.94 2.46 -1.63	35.17 2.64 -6.41	30.52 3.07 -0.05	28.48 2.47 -0.03	26.91 2.13 -0.01	26.36 2.04 -0.05	25.65 1.97 -0.01	25.30 1.96 -0.05	25.15 1.97 -0.06	26.32 2.21 -0.09	27.62 2.36 -0.15	30.38 3.07 -1.05	31.87 2.74 -3.28	35.13 2.59 -6.65	36.00 2.55 -7.38	28.51 2.53 -0.14	25.92 2.30 -0.14	24.33 2.09 -1.58
E179THST_13_KV_LOAD 356214	23.80 2.24 0.00	22.44 2.19 0.00	21.73 2.05 0.00	21.45 2.02 0.00	22.10 2.17 0.00	24.40 2.18 0.00	30.04 2.56 -1.63	35.27 2.74 -6.41	30.63 3.18 -0.05	28.59 2.57 -0.03	27.01 2.23 -0.01	26.46 2.14 -0.05	25.77 2.08 -0.01	25.39 2.05 -0.05	25.25 2.06 -0.06	26.41 2.31 -0.09	27.75 2.49 -0.15	30.51 3.20 -1.05	32.00 2.87 -3.28	35.23 2.69 -6.65	36.13 2.68 -7.38	28.64 2.66 -0.14	26.02 2.40 -0.14	24.41 2.17 -1.58
EAST HAMPTON___GT 23717	25.02 3.21 -0.24	23.25 3.00 0.00	22.61 2.93 0.00	22.77 3.01 -0.33	23.02 3.09 0.00	26.41 3.36 -0.83	36.11 4.29 -5.96	37.96 4.60 -7.24	35.39 5.04 -2.94	32.02 4.00 -2.03	30.69 3.27 -2.65	29.53 3.06 -2.19	28.19 2.94 -1.58	28.31 2.94 -2.08	28.23 2.91 -2.19	31.04 3.17 -3.85	32.26 3.49 -3.66	33.82 4.28 -3.29	36.03 4.08 -6.10	44.34 4.01 -14.44	46.10 3.96 -16.08	33.75 3.85 -4.07	31.31 3.59 -4.23	27.26 2.98 -3.63
EAST RIVER___6 23660	23.70 2.14 -0.01	22.14 1.88 0.00	21.59 1.91 0.00	21.34 1.91 0.00	21.94 2.01 0.00	24.35 2.13 0.00	30.10 2.69 -1.56	35.37 2.92 -6.33	30.72 3.31 0.00	28.69 2.70 0.00	27.10 2.33 0.00	26.51 2.23 0.00	25.83 2.15 0.00	25.41 2.12 0.00	25.23 2.10 0.00	26.40 2.38 0.00	27.65 2.54 0.00	30.40 3.25 -0.89	31.93 2.95 -3.13	35.18 2.82 -6.47	36.03 2.82 -7.15	28.54 2.71 0.00	25.90 2.42 0.00	24.13 2.03 -1.45

EAST_RIVER___7 23524	23.70 2.14 -0.01	22.14 1.88 0.00	21.59 1.91 0.00	21.34 1.91 0.00	21.94 2.01 0.00	24.35 2.13 0.00	30.10 2.69 -1.56	35.37 2.92 -6.33	30.72 3.31 0.00	28.69 2.70 0.00	27.10 2.33 0.00	26.51 2.23 0.00	25.83 2.15 0.00	25.41 2.12 0.00	25.23 2.10 0.00	26.40 2.38 0.00	27.65 2.54 0.00	30.40 3.25 -0.89	31.93 2.95 -3.13	35.18 2.82 -6.47	36.03 2.82 -7.15	28.54 2.71 0.00	25.90 2.42 0.00	24.13 2.03 -1.45
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	23.46 1.90 0.00	22.10 1.84 0.00	21.45 1.77 0.00	21.20 1.77 0.00	21.78 1.85 0.00	24.20 1.98 0.00	29.96 2.48 -1.63	35.13 2.61 -6.41	30.47 3.01 -0.05	28.40 2.39 -0.03	26.84 2.06 -0.01	26.29 1.97 -0.05	25.56 1.87 -0.01	25.18 1.84 -0.05	25.01 1.83 -0.06	26.17 2.07 -0.09	27.50 2.24 -0.15	30.19 2.89 -1.05	31.79 2.66 -3.28	35.07 2.54 -6.65	36.02 2.58 -7.37	28.48 2.51 -0.14	25.81 2.18 -0.14	24.07 1.84 -1.57
EAST_HAMPTON___DIESEL 23722	25.02 3.21 -0.24	23.25 3.00 0.00	22.61 2.93 0.00	22.77 3.01 -0.33	23.02 3.09 0.00	26.41 3.36 -0.83	36.11 4.29 -5.96	37.96 4.60 -7.24	35.39 5.04 -2.94	32.02 4.00 -2.03	30.69 3.27 -2.65	29.53 3.06 -2.19	28.19 2.94 -1.58	28.31 2.94 -2.08	28.23 2.91 -2.19	31.04 3.17 -3.85	32.26 3.49 -3.66	33.82 4.28 -3.29	36.03 4.08 -6.10	44.34 4.01 -14.44	46.10 3.96 -16.08	33.75 3.85 -4.07	31.31 3.59 -4.23	27.26 2.98 -3.63
EAST_PULASKI___ESR 323781	21.28 -0.28 0.00	19.97 -0.28 0.00	19.40 -0.28 0.00	19.18 -0.25 0.00	19.63 -0.30 0.00	21.91 -0.31 0.00	25.76 -0.23 -0.13	26.57 -0.13 -0.58	27.26 -0.14 0.01	25.74 -0.23 0.01	24.44 -0.32 0.00	23.97 -0.29 0.02	23.39 -0.28 0.00	22.97 -0.30 0.02	22.78 -0.32 0.03	23.58 -0.41 0.03	24.65 -0.40 0.06	25.99 -0.29 -0.03	25.88 -0.23 -0.27	26.28 -0.21 -0.60	26.64 -0.08 -0.66	25.62 -0.15 0.06	23.17 -0.26 0.06	20.55 -0.21 -0.10
EAST_RIVER___1 323558	23.66 2.09 -0.01	22.12 1.86 0.00	21.57 1.89 0.00	21.34 1.91 0.00	21.92 1.99 0.00	24.33 2.11 0.00	30.05 2.64 -1.56	35.30 2.85 -6.33	30.64 3.23 0.00	28.61 2.62 0.00	27.02 2.25 0.00	26.44 2.16 0.00	25.74 2.06 0.00	25.35 2.05 0.00	25.16 2.04 0.00	26.30 2.28 0.00	27.55 2.44 0.00	30.26 3.12 -0.89	31.82 2.84 -3.13	35.07 2.72 -6.47	35.95 2.74 -7.15	28.52 2.69 0.00	25.85 2.37 0.00	24.09 1.98 -1.45
EAST_RIVER___2 323559	23.70 2.14 -0.01	22.14 1.88 0.00	21.59 1.91 0.00	21.34 1.91 0.00	21.94 2.01 0.00	24.35 2.13 0.00	30.10 2.69 -1.56	35.37 2.92 -6.33	30.72 3.31 0.00	28.69 2.70 0.00	27.10 2.33 0.00	26.51 2.23 0.00	25.83 2.15 0.00	25.41 2.12 0.00	25.23 2.10 0.00	26.40 2.38 0.00	27.65 2.54 0.00	30.40 3.25 -0.89	31.93 2.95 -3.13	35.18 2.82 -6.47	36.03 2.82 -7.15	28.54 2.71 0.00	25.90 2.42 0.00	24.13 2.03 -1.45
EAST___DELAWARE_HYD 23607	23.83 2.26 0.00	22.30 2.04 0.00	21.73 2.05 0.00	21.49 2.06 0.00	22.06 2.13 0.00	24.64 2.42 0.00	30.07 2.77 -1.45	35.04 2.85 -6.08	30.56 3.15 0.00	28.56 2.57 0.00	27.00 2.23 0.00	26.39 2.11 0.00	25.60 1.92 0.00	25.02 1.72 0.00	24.84 1.71 0.00	26.04 2.02 0.00	27.37 2.26 0.00	29.99 2.91 -0.83	31.47 2.71 -2.91	34.54 2.64 -6.01	35.44 2.74 -6.65	28.41 2.58 0.00	25.67 2.18 0.00	23.84 1.84 -1.35
EIGHT_POINT___WT_PWR 323820	21.99 0.43 0.00	20.74 0.49 0.00	19.99 0.31 0.00	19.72 0.29 0.00	20.05 0.12 0.00	22.51 0.29 0.00	36.26 0.36 -10.04	46.07 0.68 -19.27	35.33 0.88 -7.05	31.21 0.65 -4.58	26.80 0.40 -1.64	31.54 0.12 -7.14	25.51 0.24 -1.60	30.30 0.07 -6.94	32.68 -0.05 -9.61	36.71 -0.41 -13.10	47.91 -0.28 -23.07	51.20 0.11 -24.84	46.40 0.23 -20.31	47.14 0.23 -21.02	53.96 0.31 -27.59	48.51 0.16 -22.53	45.08 -0.14 -21.74	38.54 -0.12 -18.00
ELBRIDGE_115KV_TB2 80188	21.58 0.02 0.00	20.26 0.00 0.00	19.68 0.00 0.00	19.45 0.02 0.00	19.91 -0.02 0.00	22.22 0.00 0.00	26.29 0.16 -0.28	27.47 0.34 -1.01	27.83 0.38 -0.04	26.27 0.26 -0.02	24.90 0.12 -0.01	24.39 0.07 -0.04	23.76 0.07 -0.01	23.43 0.09 -0.04	23.20 0.02 -0.05	24.07 -0.02 -0.07	25.24 0.00 -0.12	26.59 0.08 -0.26	26.57 0.16 -0.56	27.07 0.13 -1.05	27.43 0.18 -1.19	26.06 0.10 -0.12	23.58 -0.02 -0.12	20.99 0.02 -0.31
ELEC_TRO_TEK 24086	24.18 2.37 -0.24	22.50 2.25 0.00	21.82 2.15 0.00	21.94 2.18 -0.33	22.20 2.27 0.00	25.52 2.47 -0.83	34.98 3.10 -6.02	36.57 3.13 -7.32	34.06 3.67 -2.98	31.01 2.96 -2.06	29.96 2.53 -2.67	28.94 2.43 -2.24	27.61 2.34 -1.59	27.70 2.28 -2.12	27.66 2.29 -2.25	30.48 2.52 -3.94	31.63 2.71 -3.81	33.09 3.39 -3.45	35.25 3.15 -6.25	43.54 3.03 -14.63	45.44 3.08 -16.30	33.07 3.02 -4.22	30.56 2.70 -4.37	26.71 2.29 -3.75
ELLENBURG_WT_PWR 323604	21.35 -0.22 0.00	19.97 -0.28 0.00	19.48 -0.20 0.00	19.18 -0.25 0.00	19.73 -0.20 0.00	21.95 -0.27 0.00	25.57 -0.28 0.00	25.78 -0.34 0.00	27.03 -0.33 0.04	26.01 0.03 0.00	24.94 0.17 0.00	24.47 0.19 0.00	23.89 0.21 0.00	23.48 0.19 0.00	23.33 0.21 0.00	24.12 0.10 0.00	24.99 -0.12 0.00	25.73 -0.52 0.00	25.36 -0.49 0.00	25.32 -0.57 0.00	25.44 -0.63 0.00	25.29 -0.54 0.00	23.20 -0.28 0.00	20.41 -0.25 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	20.98 -0.58 0.00	19.57 -0.69 0.00	19.11 -0.57 0.00	18.85 -0.58 0.00	19.09 -0.84 0.00	21.46 -0.76 0.00	22.49 -0.78 2.59	21.68 -0.47 3.97	24.80 -0.47 2.14	24.02 -0.57 1.39	23.45 -0.82 0.50	21.13 -0.97 2.18	22.34 -0.85 0.49	20.32 -0.86 2.11	19.23 -0.97 2.93	18.73 -1.30 3.99	16.97 -1.26 6.89	18.00 -1.10 7.15	19.78 -0.93 5.14	20.57 -0.96 4.36	19.14 -0.81 6.12	18.23 -0.88 6.73	15.86 -1.13 6.49	14.80 -0.91 4.95
EMPIRE_CC_1 323656	22.86 1.29 0.00	21.55 1.30 0.00	21.02 1.34 0.00	20.77 1.34 0.00	21.30 1.37 0.00	23.69 1.47 0.00	29.56 1.89 -1.82	35.38 1.91 -7.36	29.57 2.16 0.00	27.21 1.22 0.00	25.73 0.97 0.00	25.20 0.92 0.00	24.53 0.85 0.00	24.16 0.86 0.00	23.98 0.86 0.00	25.03 1.01 0.00	26.24 1.13 0.00	28.85 1.55 -1.05	31.10 1.55 -3.70	35.12 1.58 -7.65	36.11 1.59 -8.46	27.36 1.52 0.00	24.77 1.29 0.00	23.47 1.09 -1.71
EMPIRE_CC_2 323658	22.86 1.29 0.00	21.55 1.30 0.00	21.02 1.34 0.00	20.77 1.34 0.00	21.30 1.37 0.00	23.69 1.47 0.00	29.56 1.89 -1.82	35.38 1.91 -7.36	29.57 2.16 0.00	27.21 1.22 0.00	25.73 0.97 0.00	25.20 0.92 0.00	24.53 0.85 0.00	24.16 0.86 0.00	23.98 0.86 0.00	25.03 1.01 0.00	26.24 1.13 0.00	28.85 1.55 -1.05	31.10 1.55 -3.70	35.12 1.58 -7.65	36.11 1.59 -8.46	27.36 1.52 0.00	24.77 1.29 0.00	23.47 1.09 -1.71
ENORWICH_115KV_TB1 80156	23.16 1.60 0.00	21.69 1.44 0.00	21.02 1.34 0.00	20.79 1.36 0.00	21.26 1.34 0.00	23.89 1.67 0.00	29.00 2.09 -1.05	32.08 2.56 -3.40	30.31 2.63 -0.27	28.39 2.23 -0.18	26.69 1.86 -0.06	26.25 1.70 -0.27	25.42 1.68 -0.06	25.05 1.49 -0.27	25.11 1.62 -0.37	26.13 1.61 -0.50	27.81 1.83 -0.87	29.83 2.26 -1.32	30.20 2.25 -2.11	31.67 2.23 -3.56	32.51 2.35 -4.10	28.77 2.09 -0.85	25.88 1.57 -0.82	23.28 1.32 -1.30

ERIE_ST__34_KV_TB1-2 80199	21.35 -0.22 0.00	19.91 -0.34 0.00	19.42 -0.26 0.00	19.16 -0.27 0.00	19.41 -0.52 0.00	21.84 -0.38 0.00	22.76 -0.88 2.21	22.33 -0.52 3.27	25.34 -0.19 1.87	24.40 -0.36 1.22	24.01 -0.32 0.44	21.62 -0.75 1.90	22.85 -0.40 0.43	20.75 -0.70 1.85	19.83 -0.74 2.56	19.50 -1.03 3.49	18.18 -0.90 6.03	19.84 -0.21 6.20	21.42 -0.05 4.38	22.25 -0.05 3.58	21.05 0.08 5.09	19.97 0.00 5.86	17.49 -0.33 5.66	16.15 -0.25 4.26
ERIE_WT_PWR 323693	21.13 -0.43 0.00	20.01 -0.24 0.00	19.25 -0.43 0.00	18.97 -0.47 0.00	19.23 -0.70 0.00	21.60 -0.62 0.00	22.05 -0.75 3.05	20.79 -0.47 4.86	24.56 -0.36 2.48	23.90 -0.47 1.61	23.52 -0.67 0.58	20.86 -0.90 2.52	22.40 -0.71 0.57	20.06 -0.79 2.44	18.86 -0.88 3.39	18.20 -1.20 4.62	16.60 -1.15 7.36	17.91 -0.89 7.45	19.64 -0.72 5.49	20.32 -0.72 4.84	18.77 -0.60 6.70	18.18 -0.67 6.98	15.81 -0.94 6.74	14.69 -0.76 5.20
ESPRGFLD_115KV_TB1 80157	22.79 1.23 0.00	21.41 1.15 0.00	20.76 1.08 0.00	20.52 1.09 0.00	21.06 1.14 0.00	23.58 1.36 0.00	27.80 1.86 -0.08	28.21 1.93 -0.16	29.57 2.11 -0.05	27.81 1.79 -0.03	26.29 1.51 -0.01	25.81 1.48 -0.05	25.11 1.42 -0.01	24.67 1.33 -0.05	24.54 1.34 -0.07	25.53 1.42 -0.10	26.86 1.58 -0.16	28.45 2.02 -0.18	27.97 1.96 -0.16	28.03 1.97 -0.17	28.40 2.11 -0.22	28.03 2.04 -0.16	25.31 1.67 -0.16	22.20 1.40 -0.13
ETNA_115_KV_TB1_REV_LBMP_C 345029	22.23 0.67 0.00	20.84 0.59 0.00	20.25 0.57 0.00	20.02 0.58 0.00	20.47 0.54 0.00	22.91 0.69 0.00	27.90 0.93 -1.11	30.35 1.23 -3.01	29.18 1.29 -0.49	27.36 1.07 -0.32	25.75 0.87 -0.11	25.54 0.78 -0.49	24.57 0.78 -0.11	24.47 0.70 -0.48	24.48 0.69 -0.66	25.55 0.62 -0.90	27.42 0.75 -1.55	29.17 1.00 -1.92	29.13 1.06 -2.22	30.08 1.01 -3.18	30.97 1.09 -3.81	28.34 0.98 -1.52	25.66 0.70 -1.47	22.89 0.62 -1.61
ETNA____115KV_TB2 80207	22.23 0.67 0.00	20.84 0.59 0.00	20.25 0.57 0.00	20.02 0.58 0.00	20.47 0.54 0.00	22.91 0.69 0.00	27.90 0.93 -1.11	30.35 1.23 -3.01	29.18 1.29 -0.49	27.36 1.07 -0.32	25.75 0.87 -0.11	25.54 0.78 -0.49	24.57 0.78 -0.11	24.47 0.70 -0.48	24.48 0.69 -0.66	25.55 0.62 -0.90	27.42 0.75 -1.55	29.17 1.00 -1.92	29.13 1.06 -2.22	30.08 1.01 -3.18	30.97 1.09 -3.81	28.34 0.98 -1.52	25.66 0.70 -1.47	22.89 0.62 -1.61
EUCLID____115KV_TB2 356179	21.37 -0.19 0.00	20.05 -0.20 0.00	19.50 -0.18 0.00	19.26 -0.17 0.00	19.71 -0.22 0.00	22.02 -0.20 0.00	25.88 -0.13 -0.16	26.86 0.05 -0.69	27.44 0.05 0.02	25.94 -0.03 0.01	24.62 -0.15 0.01	24.06 -0.19 0.02	23.51 -0.17 0.01	23.11 -0.16 0.02	22.89 -0.21 0.03	23.72 -0.26 0.04	24.81 -0.23 0.07	26.12 -0.16 -0.03	26.09 -0.08 -0.31	26.50 -0.10 -0.72	26.79 -0.05 -0.78	25.66 -0.10 0.07	23.20 -0.21 0.07	20.63 -0.14 -0.12
E_CANADA_CAP_HY 24051	22.96 1.40 0.00	21.57 1.32 0.00	20.94 1.26 0.00	20.68 1.24 0.00	21.26 1.34 0.00	23.73 1.51 0.00	30.38 2.17 -2.35	37.67 2.11 -9.44	29.68 2.27 0.00	27.83 1.85 0.00	26.33 1.56 0.00	25.85 1.58 0.00	25.15 1.47 0.00	24.69 1.40 0.00	24.51 1.39 0.00	25.58 1.56 0.00	26.87 1.76 0.00	29.85 2.26 -1.35	32.82 2.25 -4.72	37.91 2.25 -9.77	39.28 2.42 -10.80	28.21 2.37 0.00	25.48 1.99 0.00	24.54 1.69 -2.19
E_CANADA_MHWK_HY 24050	21.52 -0.04 0.00	20.16 -0.10 0.00	19.54 -0.14 0.00	19.28 -0.16 0.00	19.79 -0.14 0.00	22.09 -0.13 0.00	25.68 -0.21 -0.03	26.05 -0.18 -0.12	27.32 -0.08 0.00	25.91 -0.08 0.00	24.62 -0.15 0.00	24.13 -0.14 0.00	23.51 -0.16 0.00	23.08 -0.21 0.00	22.92 -0.21 0.00	23.76 -0.26 0.00	24.86 -0.25 0.00	26.09 -0.18 -0.02	25.60 -0.31 -0.06	25.67 -0.34 -0.12	25.83 -0.36 -0.13	25.42 -0.41 0.00	23.01 -0.47 0.00	20.25 -0.43 -0.03
E_FISHKILL____LBMP 23776	23.22 1.66 0.00	21.86 1.60 0.00	21.23 1.55 0.00	21.01 1.57 0.00	21.54 1.61 0.00	23.98 1.76 0.00	29.70 2.20 -1.65	34.92 2.30 -6.50	30.11 2.66 -0.05	28.04 2.03 -0.03	26.49 1.71 -0.01	25.95 1.63 -0.05	25.23 1.54 -0.01	24.85 1.51 -0.04	24.69 1.50 -0.06	25.83 1.73 -0.08	27.14 1.88 -0.14	29.78 2.47 -1.06	31.48 2.30 -3.33	34.86 2.23 -6.75	35.82 2.27 -7.49	28.17 2.20 -0.14	25.50 1.88 -0.14	23.84 1.59 -1.59
FALCON____SEABRD_CC1 323796	21.50 -0.06 0.00	20.11 -0.14 0.00	19.62 -0.06 0.00	19.32 -0.12 0.00	19.89 -0.04 0.00	22.11 -0.11 0.00	25.81 -0.05 0.00	26.01 -0.10 0.00	27.31 -0.05 0.05	26.27 0.29 0.00	25.19 0.42 0.00	24.69 0.41 0.00	24.13 0.45 0.00	23.69 0.40 0.00	23.56 0.44 0.00	24.36 0.34 0.00	25.24 0.13 0.00	25.96 -0.29 0.00	25.62 -0.23 0.00	25.55 -0.34 0.00	25.70 -0.36 0.00	25.52 -0.31 0.00	23.39 -0.09 0.00	20.58 -0.08 0.00
FALCON____SEABRD_CC2 323797	21.50 -0.06 0.00	20.11 -0.14 0.00	19.62 -0.06 0.00	19.32 -0.12 0.00	19.89 -0.04 0.00	22.11 -0.11 0.00	25.81 -0.05 0.00	26.01 -0.10 0.00	27.31 -0.05 0.05	26.27 0.29 0.00	25.19 0.42 0.00	24.69 0.41 0.00	24.13 0.45 0.00	23.69 0.40 0.00	23.56 0.44 0.00	24.36 0.34 0.00	25.24 0.13 0.00	25.96 -0.29 0.00	25.62 -0.23 0.00	25.55 -0.34 0.00	25.70 -0.36 0.00	25.52 -0.31 0.00	23.39 -0.09 0.00	20.58 -0.08 0.00
FAR ROCKAWAY____4 23548	24.43 2.63 -0.24	22.75 2.49 0.00	22.04 2.36 0.00	22.17 2.41 -0.33	22.42 2.49 0.00	25.76 2.71 -0.83	35.22 3.34 -6.02	36.91 3.47 -7.32	34.31 3.92 -2.98	31.32 3.27 -2.06	30.26 2.82 -2.67	29.21 2.69 -2.24	27.87 2.60 -1.59	27.95 2.54 -2.12	27.90 2.52 -2.25	30.74 2.79 -3.94	31.91 2.99 -3.81	33.40 3.70 -3.45	35.54 3.44 -6.25	43.85 3.34 -14.63	45.78 3.41 -16.30	33.38 3.33 -4.22	30.82 2.96 -4.37	26.93 2.52 -3.75
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	23.67 2.11 0.00	22.26 2.01 0.00	21.59 1.91 0.00	21.34 1.90 0.00	21.94 2.01 0.00	24.35 2.13 0.00	30.12 2.64 -1.63	35.35 2.82 -6.41	30.69 3.23 -0.05	28.64 2.62 -0.03	27.03 2.25 -0.01	26.48 2.16 -0.05	25.77 2.08 -0.01	25.39 2.05 -0.05	25.22 2.04 -0.06	26.39 2.28 -0.09	27.70 2.44 -0.15	30.45 3.15 -1.05	31.98 2.84 -3.28	35.23 2.69 -6.65	36.15 2.71 -7.38	28.66 2.69 -0.14	26.00 2.37 -0.14	24.22 1.98 -1.57
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	23.67 2.11 0.00	22.26 2.01 0.00	21.59 1.91 0.00	21.34 1.90 0.00	21.94 2.01 0.00	24.35 2.13 0.00	30.12 2.64 -1.63	35.35 2.82 -6.41	30.69 3.23 -0.05	28.64 2.62 -0.03	27.03 2.25 -0.01	26.48 2.16 -0.05	25.75 2.06 -0.01	25.39 2.05 -0.05	25.22 2.04 -0.06	26.39 2.28 -0.09	27.70 2.44 -0.15	30.45 3.15 -1.05	31.98 2.84 -3.28	35.23 2.69 -6.65	36.15 2.71 -7.38	28.66 2.69 -0.14	26.00 2.37 -0.14	24.24 2.00 -1.57
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	23.65 2.09 0.00	22.24 1.99 0.00	21.57 1.89 0.00	21.34 1.90 0.00	21.92 1.99 0.00	24.33 2.11 0.00	30.12 2.64 -1.63	35.32 2.79 -6.41	30.66 3.21 -0.05	28.64 2.62 -0.03	27.03 2.25 -0.01	26.46 2.14 -0.05	25.75 2.06 -0.01	25.37 2.03 -0.05	25.20 2.01 -0.06	26.39 2.28 -0.09	27.70 2.44 -0.15	30.43 3.12 -1.05	31.98 2.84 -3.28	35.20 2.67 -6.65	36.13 2.68 -7.38	28.64 2.66 -0.14	26.00 2.37 -0.14	24.22 1.98 -1.57

FARRAGUT___LBMP 323566	23.65 2.09 0.00	22.22 1.96 0.00	21.57 1.89 0.00	21.32 1.88 0.00	21.92 1.99 0.00	24.33 2.11 0.00	30.10 2.61 -1.63	35.30 2.77 -6.41	30.63 3.18 -0.05	28.61 2.60 -0.03	27.01 2.23 -0.01	26.46 2.14 -0.05	25.73 2.04 -0.01	25.34 2.00 -0.05	25.18 1.99 -0.06	26.37 2.26 -0.09	27.67 2.41 -0.15	30.40 3.10 -1.05	31.95 2.82 -3.28	35.18 2.64 -6.65	36.13 2.68 -7.38	28.64 2.66 -0.14	25.97 2.35 -0.14	24.20 1.96 -1.57
FENNER___WINDPWR 24204	22.02 0.45 0.00	20.68 0.43 0.00	20.05 0.37 0.00	19.82 0.39 0.00	20.31 0.38 0.00	22.71 0.49 0.00	26.74 0.65 -0.24	27.96 0.89 -0.96	28.40 0.99 -0.01	26.79 0.81 0.00	25.39 0.62 0.00	24.84 0.56 0.00	24.27 0.59 0.00	23.81 0.51 0.00	23.66 0.53 0.00	24.50 0.48 0.00	25.62 0.50 0.00	27.07 0.68 -0.14	26.98 0.70 -0.43	27.45 0.67 -0.89	27.78 0.73 -0.99	26.45 0.62 0.00	23.91 0.42 0.00	21.21 0.35 -0.20
FIBERTEK___ENERGY 23856	21.65 0.09 0.00	20.32 0.06 0.00	19.74 0.06 0.00	19.51 0.08 0.00	19.97 0.04 0.00	22.31 0.09 0.00	26.31 0.21 -0.25	27.46 0.42 -0.93	27.87 0.44 -0.03	26.31 0.31 -0.01	24.97 0.20 -0.01	24.44 0.15 -0.02	23.83 0.14 -0.01	23.46 0.14 -0.02	23.25 0.09 -0.03	24.09 0.02 -0.04	25.26 0.08 -0.07	26.64 0.18 -0.20	26.61 0.26 -0.50	27.08 0.23 -0.97	27.43 0.29 -1.08	26.11 0.21 -0.07	23.62 0.07 -0.07	21.00 0.08 -0.26
FITZPATRICK____ 23598	21.07 -0.50 0.00	19.83 -0.43 0.00	19.23 -0.45 0.00	18.99 -0.45 0.00	19.45 -0.48 0.00	21.71 -0.51 0.00	25.48 -0.52 -0.14	26.26 -0.42 -0.56	27.00 -0.41 0.00	25.52 -0.47 0.00	24.25 -0.52 0.00	23.74 -0.53 0.00	23.16 -0.52 0.00	22.78 -0.51 0.00	22.59 -0.53 0.00	23.42 -0.60 0.00	24.51 -0.60 0.00	25.76 -0.58 -0.08	25.56 -0.52 -0.23	25.83 -0.52 -0.47	26.08 -0.50 -0.51	25.29 -0.54 0.00	22.92 -0.56 0.00	20.31 -0.45 -0.10
FLOWRFLD_69_KV_BK1 356044	24.54 2.74 -0.24	22.87 2.61 0.00	22.14 2.46 0.00	22.29 2.53 -0.33	22.54 2.61 0.00	25.89 2.84 -0.83	35.50 3.62 -6.02	36.99 3.55 -7.32	34.64 4.25 -2.98	31.43 3.38 -2.06	30.21 2.77 -2.67	29.18 2.67 -2.24	27.85 2.58 -1.59	27.93 2.52 -2.12	27.87 2.50 -2.25	30.72 2.76 -3.94	31.93 3.01 -3.81	33.43 3.73 -3.45	35.62 3.52 -6.25	43.90 3.39 -14.63	45.78 3.41 -16.30	33.43 3.38 -4.22	30.98 3.12 -4.37	27.02 2.60 -3.75
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	23.46 1.90 0.00	22.08 1.82 0.00	21.43 1.75 0.00	21.20 1.77 0.00	21.74 1.81 0.00	24.24 2.02 0.00	30.00 2.51 -1.64	35.20 2.64 -6.45	30.41 2.96 -0.05	28.33 2.31 -0.03	26.79 2.01 -0.01	26.24 1.92 -0.05	25.51 1.82 -0.01	25.11 1.77 -0.04	24.94 1.76 -0.06	26.10 1.99 -0.08	27.44 2.18 -0.15	30.14 2.84 -1.06	31.79 2.54 -3.30	35.11 2.63 -6.69	36.11 2.51 -7.42	28.48 2.51 -0.14	25.78 2.16 -0.14	24.06 1.82 -1.58
FORT ORANGE____ 23900	22.49 0.93 0.00	21.21 0.95 0.00	20.66 0.98 0.00	20.42 0.99 0.00	20.94 1.02 0.00	23.26 1.04 0.00	29.08 1.34 -1.88	35.04 1.33 -7.60	28.94 1.53 0.00	26.87 0.88 0.00	25.39 0.62 0.00	24.91 0.63 0.00	24.25 0.57 0.00	23.90 0.60 0.00	23.75 0.62 0.00	24.77 0.75 0.00	25.97 0.85 0.00	28.59 1.26 -1.08	30.91 1.27 -3.79	34.99 1.27 -7.84	36.03 1.30 -8.66	27.07 1.24 0.00	24.54 1.06 0.00	23.26 0.85 -1.75
FORT_DRUM_COGEN 23780	21.22 -0.34 0.00	19.89 -0.36 0.00	19.31 -0.37 0.00	19.10 -0.33 0.00	19.57 -0.36 0.00	21.93 -0.29 0.00	25.82 -0.13 -0.10	26.48 -0.05 -0.42	27.30 -0.14 -0.03	25.77 -0.21 0.01	24.42 -0.35 0.00	23.95 -0.32 0.01	23.34 -0.33 0.00	22.91 -0.37 0.01	22.79 -0.32 0.01	23.62 -0.38 0.02	24.70 -0.38 0.03	26.02 -0.26 -0.03	25.86 -0.18 -0.19	26.19 -0.13 -0.43	26.53 0.00 -0.47	25.67 -0.13 0.03	23.24 -0.21 0.03	20.51 -0.23 -0.08
FPL_FAR_ROCK_GT1 24212	24.43 2.63 -0.24	22.64 2.39 0.00	22.04 2.36 0.00	22.17 2.41 -0.33	22.42 2.49 0.00	25.76 2.71 -0.83	35.15 3.34 -5.96	36.89 3.52 -7.24	34.26 3.92 -2.94	31.29 3.27 -2.03	30.25 2.82 -2.65	29.16 2.69 -2.19	27.84 2.58 -1.58	27.91 2.54 -2.08	27.83 2.52 -2.19	30.66 2.79 -3.85	31.76 2.99 -3.66	33.24 3.70 -3.29	35.39 3.44 -6.10	43.72 3.39 -14.44	45.55 3.41 -16.08	33.24 3.33 -4.07	30.68 2.96 -4.23	26.81 2.52 -3.63
FPL_FAR_ROCK_GT2 23815	24.43 2.63 -0.24	22.64 2.39 0.00	22.04 2.36 0.00	22.17 2.41 -0.33	22.42 2.49 0.00	25.76 2.71 -0.83	35.15 3.34 -5.96	36.89 3.52 -7.24	34.26 3.92 -2.94	31.29 3.27 -2.03	30.25 2.82 -2.65	29.16 2.69 -2.19	27.84 2.58 -1.58	27.91 2.54 -2.08	27.83 2.52 -2.19	30.66 2.79 -3.85	31.76 2.99 -3.66	33.24 3.70 -3.29	35.39 3.44 -6.10	43.72 3.39 -14.44	45.55 3.41 -16.08	33.24 3.33 -4.07	30.68 2.96 -4.23	26.81 2.52 -3.63
FRANKLIN_FALL_HYD 24054	21.26 -0.30 0.00	19.91 -0.34 0.00	19.40 -0.28 0.00	19.10 -0.33 0.00	19.67 -0.26 0.00	21.89 -0.33 0.00	25.46 -0.41 -0.01	25.68 -0.50 -0.05	26.79 -0.52 0.09	25.88 -0.10 0.00	24.82 0.05 0.00	24.35 0.07 0.00	23.80 0.12 0.00	23.39 0.09 0.00	23.26 0.14 0.00	24.07 0.05 0.00	24.91 -0.20 0.00	25.63 -0.63 -0.01	25.31 -0.57 -0.03	25.29 -0.65 -0.06	25.42 -0.70 -0.06	25.16 -0.67 0.00	23.13 -0.35 0.00	20.34 -0.33 -0.01
FREEPORT_EQUS_GT1 23764	24.33 2.52 -0.24	22.54 2.29 0.00	21.94 2.26 0.00	22.09 2.33 -0.33	22.34 2.41 0.00	25.67 2.62 -0.83	35.10 3.28 -5.96	36.84 3.47 -7.24	34.21 3.87 -2.94	31.16 3.14 -2.03	30.12 2.70 -2.65	29.07 2.60 -2.19	27.72 2.46 -1.58	27.79 2.42 -2.08	27.72 2.40 -2.19	30.54 2.67 -3.85	31.64 2.86 -3.66	33.08 3.54 -3.29	35.26 3.31 -6.10	43.56 3.24 -14.44	45.40 3.26 -16.08	33.08 3.18 -4.07	30.58 2.86 -4.23	26.75 2.46 -3.63
FREEPORT___CT2 23818	24.33 2.52 -0.24	22.54 2.29 0.00	21.94 2.26 0.00	22.09 2.33 -0.33	22.34 2.41 0.00	25.67 2.62 -0.83	35.10 3.28 -5.96	36.84 3.47 -7.24	34.21 3.87 -2.94	31.16 3.14 -2.03	30.12 2.70 -2.65	29.07 2.60 -2.19	27.72 2.46 -1.58	27.79 2.42 -2.08	27.72 2.40 -2.19	30.54 2.67 -3.85	31.64 2.86 -3.66	33.08 3.54 -3.29	35.26 3.31 -6.10	43.56 3.24 -14.44	45.40 3.26 -16.08	33.08 3.18 -4.07	30.58 2.86 -4.23	26.75 2.46 -3.63
FRESHKLS_33_KV_LOAD 356253	23.85 2.29 0.00	22.38 2.13 0.00	21.69 2.01 0.00	21.42 1.98 0.00	22.06 2.13 0.00	24.33 2.11 0.00	30.02 2.53 -1.63	35.14 2.61 -6.41	30.50 3.04 -0.05	28.43 2.42 -0.03	26.89 2.11 -0.01	26.34 2.01 -0.05	25.68 1.99 -0.01	25.34 2.00 -0.05	25.25 2.06 -0.06	26.46 2.35 -0.09	27.80 2.54 -0.15	30.64 3.33 -1.05	32.08 2.95 -3.28	35.26 2.72 -6.65	35.97 2.53 -7.38	28.69 2.71 -0.14	26.07 2.44 -0.14	24.39 2.15 -1.58
FULTON COGEN____ 23766	21.26 -0.30 0.00	19.95 -0.30 0.00	19.40 -0.28 0.00	19.16 -0.27 0.00	19.61 -0.32 0.00	21.91 -0.31 0.00	25.77 -0.23 -0.14	26.68 -0.08 -0.64	27.31 -0.08 0.02	25.81 -0.16 0.01	24.52 -0.25 0.00	23.96 -0.29 0.02	23.41 -0.26 0.00	23.02 -0.26 0.02	22.80 -0.30 0.03	23.62 -0.36 0.04	24.74 -0.30 0.07	26.04 -0.24 -0.02	25.96 -0.18 -0.29	26.36 -0.18 -0.66	26.65 -0.13 -0.71	25.56 -0.21 0.07	23.14 -0.28 0.06	20.56 -0.21 -0.11

FULTON___LFGE 323630	23.83 2.26 0.00	22.38 2.13 0.00	21.69 2.01 0.00	21.39 1.96 0.00	22.06 2.13 0.00	24.57 2.35 0.00	30.95 2.87 -2.22	37.72 2.67 -8.94	30.20 2.80 0.00	28.27 2.29 0.00	26.68 1.91 0.00	26.22 1.94 0.00	25.48 1.80 0.00	25.02 1.72 0.00	24.77 1.64 0.00	25.94 1.92 0.00	27.32 2.21 0.00	30.36 2.84 -1.27	33.09 2.77 -4.47	37.90 2.77 -9.24	39.25 2.97 -10.21	28.65 2.82 0.00	25.88 2.40 0.00	24.73 2.00 -2.07
G.F.CEMENT___DRP 24184	23.09 1.53 0.00	21.75 1.50 0.00	21.12 1.44 0.00	20.85 1.42 0.00	21.44 1.51 0.00	23.84 1.62 0.00	30.18 2.28 -2.04	36.31 2.06 -8.13	29.66 2.22 -0.03	27.67 1.66 -0.02	26.09 1.31 -0.01	25.59 1.29 -0.03	24.89 1.21 -0.01	24.51 1.19 -0.03	24.37 1.20 -0.04	25.47 1.39 -0.06	26.72 1.51 -0.10	29.50 2.00 -1.25	31.99 2.02 -4.12	36.39 2.07 -8.44	37.54 2.14 -9.34	27.92 1.99 -0.10	25.27 1.69 -0.09	24.01 1.40 -1.94
GARDENVILLE___LBMP 24039	21.04 -0.52 0.00	19.63 -0.63 0.00	19.17 -0.51 0.00	18.91 -0.52 0.00	19.15 -0.78 0.00	21.53 -0.69 0.00	22.34 -0.78 2.74	21.41 -0.47 4.24	24.77 -0.38 2.25	24.00 -0.52 1.47	23.53 -0.72 0.53	21.07 -0.92 2.29	22.38 -0.78 0.51	20.26 -0.82 2.22	19.15 -0.90 3.08	18.57 -1.25 4.20	16.66 -1.21 7.25	17.75 -0.97 7.53	19.64 -0.78 5.44	20.43 -0.80 4.65	18.88 -0.68 6.51	18.01 -0.75 7.07	15.67 -0.99 6.83	14.64 -0.81 5.22
GARDNVLA_35_KV_LD 355827	21.15 -0.41 0.00	19.73 -0.53 0.00	19.27 -0.41 0.00	18.99 -0.45 0.00	19.25 -0.68 0.00	21.62 -0.60 0.00	22.41 -0.75 2.70	21.52 -0.42 4.18	24.85 -0.33 2.23	24.07 -0.47 1.45	23.61 -0.64 0.52	21.14 -0.87 2.26	22.48 -0.69 0.51	20.33 -0.77 2.20	19.23 -0.86 3.04	18.69 -1.18 4.15	16.79 -1.16 7.17	17.92 -0.89 7.44	19.79 -0.70 5.37	20.58 -0.72 4.58	19.07 -0.57 6.42	18.17 -0.67 6.99	15.82 -0.92 6.75	14.76 -0.74 5.15
GELCKHM___115KV_LOAD 80723	21.48 -0.09 0.00	20.15 -0.10 0.00	19.56 -0.12 0.00	19.34 -0.10 0.00	19.79 -0.14 0.00	22.11 -0.11 0.00	26.04 0.00 -0.19	27.08 0.18 -0.78	27.59 0.19 0.00	26.08 0.10 0.00	24.74 -0.02 0.00	24.22 -0.05 0.01	23.63 -0.05 0.00	23.24 -0.05 0.01	23.02 -0.09 0.01	23.86 -0.14 0.01	24.99 -0.10 0.02	26.31 -0.03 -0.09	26.28 0.05 -0.38	26.71 0.03 -0.80	27.02 0.08 -0.88	25.81 0.00 0.02	23.34 -0.12 0.02	20.76 -0.06 -0.17
GENERAL___MILLS 23808	21.11 -0.45 0.00	19.69 -0.57 0.00	19.23 -0.45 0.00	18.97 -0.47 0.00	19.21 -0.72 0.00	21.58 -0.64 0.00	22.45 -0.78 2.63	21.60 -0.47 4.05	24.87 -0.36 2.18	24.08 -0.49 1.41	23.57 -0.69 0.51	21.17 -0.90 2.21	22.45 -0.73 0.50	20.33 -0.82 2.15	19.27 -0.88 2.97	18.74 -1.23 4.05	16.93 -1.18 7.00	18.07 -0.92 7.26	19.90 -0.72 5.23	20.69 -0.75 4.44	19.23 -0.60 6.23	18.30 -0.70 6.83	15.95 -0.94 6.59	14.87 -0.76 5.03
GE_PLASTICS___DRP 24183	22.40 0.84 0.00	21.15 0.89 0.00	20.55 0.87 0.00	20.31 0.87 0.00	20.82 0.90 0.00	23.15 0.93 0.00	28.98 1.19 -1.93	34.99 1.20 -7.67	28.84 1.40 -0.03	26.89 0.88 -0.02	25.42 0.64 -0.01	24.97 0.66 -0.03	24.28 0.59 -0.01	23.93 0.61 -0.03	23.77 0.60 -0.05	24.83 0.74 -0.06	26.05 0.83 -0.11	28.68 1.23 -1.20	30.96 1.21 -3.89	35.06 1.22 -7.95	36.10 1.22 -8.81	27.13 1.19 -0.11	24.60 1.01 -0.10	23.33 0.83 -1.84
GILBOA___1 23756	22.47 0.91 0.00	21.11 0.85 0.00	20.54 0.86 0.00	20.31 0.88 0.00	20.83 0.90 0.00	23.20 0.98 0.00	28.61 1.24 -1.51	33.54 1.31 -6.11	28.89 1.48 0.00	27.15 1.17 0.00	25.71 0.94 0.00	25.18 0.90 0.00	24.53 0.85 0.00	24.13 0.84 0.00	23.96 0.83 0.00	24.96 0.94 0.00	26.17 1.05 0.00	28.53 1.42 -0.86	30.25 1.37 -3.03	33.53 1.37 -6.27	34.37 1.38 -6.93	27.15 1.32 0.00	24.59 1.10 0.00	22.99 0.93 -1.40
GILBOA___2 23757	22.47 0.91 0.00	21.11 0.85 0.00	20.54 0.86 0.00	20.31 0.88 0.00	20.83 0.90 0.00	23.20 0.98 0.00	28.61 1.24 -1.51	33.54 1.31 -6.11	28.89 1.48 0.00	27.15 1.17 0.00	25.71 0.94 0.00	25.18 0.90 0.00	24.53 0.85 0.00	24.13 0.84 0.00	23.96 0.83 0.00	24.96 0.94 0.00	26.17 1.05 0.00	28.53 1.42 -0.86	30.25 1.37 -3.03	33.53 1.37 -6.27	34.37 1.38 -6.93	27.15 1.32 0.00	24.59 1.10 0.00	22.99 0.93 -1.40
GILBOA___3 23758	22.47 0.91 0.00	21.11 0.85 0.00	20.54 0.86 0.00	20.31 0.88 0.00	20.83 0.90 0.00	23.20 0.98 0.00	28.61 1.24 -1.51	33.54 1.31 -6.11	28.89 1.48 0.00	27.15 1.17 0.00	25.71 0.94 0.00	25.18 0.90 0.00	24.53 0.85 0.00	24.13 0.84 0.00	23.96 0.83 0.00	24.96 0.94 0.00	26.17 1.05 0.00	28.53 1.42 -0.86	30.25 1.37 -3.03	33.53 1.37 -6.27	34.37 1.38 -6.93	27.15 1.32 0.00	24.59 1.10 0.00	22.99 0.93 -1.40
GILBOA___4 23759	22.47 0.91 0.00	21.11 0.85 0.00	20.54 0.86 0.00	20.31 0.88 0.00	20.83 0.90 0.00	23.20 0.98 0.00	28.61 1.24 -1.51	33.54 1.31 -6.11	28.89 1.48 0.00	27.15 1.17 0.00	25.71 0.94 0.00	25.18 0.90 0.00	24.53 0.85 0.00	24.13 0.84 0.00	23.96 0.83 0.00	24.96 0.94 0.00	26.17 1.05 0.00	28.53 1.42 -0.86	30.25 1.37 -3.03	33.53 1.37 -6.27	34.37 1.38 -6.93	27.15 1.32 0.00	24.59 1.10 0.00	22.99 0.93 -1.40
GILBOA___ 23599	22.47 0.91 0.00	21.15 0.89 0.00	20.55 0.87 0.00	20.31 0.87 0.00	20.82 0.90 0.00	23.20 0.98 0.00	28.67 1.24 -1.57	33.62 1.31 -6.20	28.93 1.48 -0.05	27.18 1.17 -0.03	25.72 0.94 -0.01	25.22 0.90 -0.05	24.54 0.85 -0.01	24.18 0.84 -0.05	24.02 0.83 -0.06	25.04 0.94 -0.09	26.32 1.05 -0.15	28.72 1.44 -1.02	30.39 1.37 -3.17	33.66 1.35 -6.43	34.58 1.38 -7.13	27.29 1.32 -0.15	24.73 1.10 -0.14	23.11 0.93 -1.52
GINNA___ 23603	21.48 -0.09 0.00	20.32 0.06 0.00	19.56 -0.12 0.00	19.30 -0.14 0.00	19.63 -0.30 0.00	22.07 -0.15 0.00	25.81 0.18 0.23	26.78 0.49 -0.17	27.38 0.36 0.38	25.95 0.21 0.25	24.56 -0.12 0.09	23.75 -0.14 0.38	23.43 -0.16 0.09	22.85 -0.07 0.37	22.45 -0.16 0.51	22.91 -0.41 0.70	24.84 -0.28 0.00	26.00 -0.39 -0.14	26.04 -0.23 -0.42	26.50 -0.26 -0.88	26.85 -0.18 -0.97	25.57 -0.26 0.00	22.99 -0.49 0.00	20.44 -0.41 -0.20
GLEN PARK___ 23778	21.24 -0.32 0.00	19.93 -0.32 0.00	19.30 -0.37 0.00	19.12 -0.31 0.00	19.57 -0.36 0.00	21.95 -0.27 0.00	25.87 -0.10 -0.12	26.58 -0.03 -0.48	27.36 -0.08 -0.04	25.80 -0.18 0.00	24.45 -0.32 0.00	23.99 -0.29 0.00	23.37 -0.31 0.00	22.92 -0.37 0.00	22.82 -0.30 0.00	23.66 -0.36 0.00	24.76 -0.35 0.00	26.11 -0.21 -0.07	25.92 -0.13 -0.20	26.23 -0.08 -0.42	26.60 0.08 -0.46	25.78 -0.05 0.00	23.30 -0.19 0.00	20.55 -0.21 -0.09
GLENDALE_27_KV_LOAD 356172	23.80 2.24 0.00	22.38 2.13 0.00	21.71 2.03 0.00	21.45 2.02 0.00	22.06 2.13 0.00	24.44 2.22 0.00	30.20 2.71 -1.63	35.43 2.90 -6.41	30.80 3.34 -0.05	28.74 2.73 -0.03	27.16 2.38 -0.01	26.61 2.28 -0.05	25.89 2.20 -0.01	25.51 2.17 -0.05	25.36 2.17 -0.06	26.53 2.43 -0.09	27.87 2.61 -0.15	30.64 3.33 -1.05	32.16 3.02 -3.28	35.39 2.85 -6.65	36.28 2.84 -7.38	28.77 2.79 -0.14	26.11 2.49 -0.14	24.39 2.15 -1.58

GLENWOOD_IC_1_G5 23712	24.09 2.29 -0.24	22.42 2.17 0.00	21.75 2.07 0.00	21.86 2.10 -0.33	22.12 2.19 0.00	25.43 2.38 -0.83	34.86 2.97 -6.02	36.52 3.08 -7.32	33.92 3.54 -2.98	30.93 2.88 -2.06	29.94 2.50 -2.67	28.92 2.40 -2.24	27.59 2.32 -1.59	27.70 2.28 -2.12	27.64 2.27 -2.25	30.48 2.52 -3.94	31.61 2.69 -3.81	33.06 3.36 -3.45	35.23 3.13 -6.25	43.51 3.00 -14.63	45.42 3.05 -16.30	33.05 3.00 -4.22	30.49 2.63 -4.37	26.62 2.21 -3.75
GLENWOOD_IC_2_G1 23688	23.96 2.16 -0.24	22.22 1.96 0.00	21.65 1.97 0.00	21.76 2.00 -0.33	22.00 2.07 0.00	25.29 2.24 -0.83	34.63 2.82 -5.96	36.36 3.00 -7.24	33.71 3.37 -2.94	30.75 2.73 -2.03	29.78 2.35 -2.65	28.73 2.26 -2.19	27.41 2.15 -1.58	27.49 2.12 -2.08	27.42 2.10 -2.19	30.23 2.36 -3.85	31.31 2.54 -3.66	32.74 3.20 -3.29	34.92 2.97 -6.10	43.20 2.87 -14.44	45.03 2.89 -16.08	32.72 2.82 -4.07	30.18 2.47 -4.23	26.37 2.09 -3.63
GLENWOOD_IC_3_G1 23689	23.96 2.16 -0.24	22.22 1.96 0.00	21.65 1.97 0.00	21.76 2.00 -0.33	22.00 2.07 0.00	25.29 2.24 -0.83	34.63 2.82 -5.96	36.36 3.00 -7.24	33.71 3.37 -2.94	30.75 2.73 -2.03	29.78 2.35 -2.65	28.73 2.26 -2.19	27.41 2.15 -1.58	27.49 2.12 -2.08	27.42 2.10 -2.19	30.23 2.36 -3.85	31.31 2.54 -3.66	32.74 3.20 -3.29	34.92 2.97 -6.10	43.20 2.87 -14.44	45.03 2.89 -16.08	32.72 2.82 -4.07	30.18 2.47 -4.23	26.37 2.09 -3.63
GLENWOOD___4 23550	24.09 2.29 -0.24	22.42 2.17 0.00	21.75 2.07 0.00	21.86 2.10 -0.33	22.12 2.19 0.00	25.43 2.38 -0.83	34.86 2.97 -6.02	36.52 3.08 -7.32	33.92 3.54 -2.98	30.93 2.88 -2.06	29.94 2.50 -2.67	28.92 2.40 -2.24	27.59 2.32 -1.59	27.70 2.28 -2.12	27.64 2.27 -2.25	30.48 2.52 -3.94	31.61 2.69 -3.81	33.06 3.36 -3.45	35.23 3.13 -6.25	43.51 3.00 -14.63	45.42 3.05 -16.30	33.05 3.00 -4.22	30.49 2.63 -4.37	26.62 2.21 -3.75
GLENWOOD___5 23614	24.09 2.29 -0.24	22.42 2.17 0.00	21.75 2.07 0.00	21.86 2.10 -0.33	22.12 2.19 0.00	25.43 2.38 -0.83	34.86 2.97 -6.02	36.52 3.08 -7.32	33.92 3.54 -2.98	30.93 2.88 -2.06	29.94 2.50 -2.67	28.92 2.40 -2.24	27.59 2.32 -1.59	27.70 2.28 -2.12	27.64 2.27 -2.25	30.48 2.52 -3.94	31.61 2.69 -3.81	33.06 3.36 -3.45	35.23 3.13 -6.25	43.51 3.00 -14.63	45.42 3.05 -16.30	33.05 3.00 -4.22	30.49 2.63 -4.37	26.62 2.21 -3.75
GLOBAL GREEN_PORT_GT1 23814	24.99 3.19 -0.24	23.21 2.96 0.00	22.57 2.89 0.00	22.73 2.97 -0.33	22.98 3.05 0.00	26.36 3.31 -0.83	36.03 4.22 -5.96	37.88 4.52 -7.24	35.30 4.96 -2.94	31.97 3.95 -2.03	30.64 3.22 -2.65	29.48 3.01 -2.19	28.15 2.89 -1.58	28.28 2.91 -2.08	28.18 2.87 -2.19	30.99 3.12 -3.85	32.21 3.44 -3.66	33.77 4.23 -3.29	35.98 4.03 -6.10	44.29 3.96 -14.44	46.05 3.91 -16.08	33.73 3.82 -4.07	31.26 3.55 -4.23	27.22 2.93 -3.63
GLOBE___DSASP 323697	20.27 -1.29 0.00	19.26 -0.99 0.00	18.50 -1.18 0.00	18.23 -1.20 0.00	18.47 -1.45 0.00	20.75 -1.47 0.00	22.54 -0.98 2.33	21.79 -0.76 3.57	24.52 -0.93 1.95	23.70 -1.01 1.27	22.93 -1.39 0.45	20.92 -1.38 1.98	21.48 -1.75 0.44	20.16 -1.21 1.92	19.15 -1.32 2.66	18.74 -1.66 3.62	17.83 -1.66 5.63	18.75 -1.76 5.74	20.14 -1.55 4.16	20.76 -1.55 3.57	19.64 -1.43 4.99	18.92 -1.50 5.41	16.59 -1.67 5.22	15.30 -1.36 3.99
GOETHSLN___LBMP 323567	23.59 2.03 0.00	22.20 1.94 0.00	21.55 1.87 0.00	21.30 1.87 0.00	21.90 1.97 0.00	24.29 2.07 0.00	30.04 2.56 -1.63	35.24 2.72 -6.41	30.55 3.10 -0.05	28.59 2.57 -0.03	26.94 2.15 -0.01	26.36 2.04 -0.05	25.65 1.97 -0.01	25.25 1.91 -0.05	25.11 1.92 -0.06	26.27 2.16 -0.09	27.57 2.31 -0.15	30.30 2.99 -1.05	31.85 2.71 -3.28	35.08 2.54 -6.65	36.02 2.58 -7.38	28.53 2.56 -0.14	25.90 2.28 -0.14	24.11 1.88 -1.57
GOLAH___69_KV_TB 1_2 80279	21.56 0.00 0.00	20.20 -0.06 0.00	19.70 0.02 0.00	19.39 -0.04 0.00	19.71 -0.22 0.00	22.20 -0.02 0.00	25.56 0.31 0.61	26.37 0.73 0.47	27.24 0.49 0.66	25.89 0.34 0.43	24.52 -0.10 0.15	23.49 -0.12 0.67	23.36 -0.17 0.15	22.53 -0.12 0.65	21.95 -0.28 0.90	22.26 -0.53 1.23	22.51 -0.48 2.12	23.57 -0.60 2.08	24.24 -0.41 1.20	24.86 -0.47 0.55	24.71 -0.34 1.01	23.39 -0.39 2.06	20.82 -0.68 1.99	18.76 -0.56 1.34
GOODYEAR_LAKE_HYD 323669	22.62 1.06 0.00	21.25 0.99 0.00	20.62 0.94 0.00	20.39 0.95 0.00	20.90 0.98 0.00	23.38 1.16 0.00	28.11 1.53 -0.73	30.56 1.72 -2.72	29.40 1.92 -0.07	27.62 1.59 -0.05	26.12 1.34 -0.02	25.61 1.26 -0.07	24.93 1.23 -0.02	24.51 1.14 -0.07	24.38 1.16 -0.10	25.35 1.20 -0.13	26.67 1.33 -0.23	28.56 1.71 -0.60	28.97 1.65 -1.47	30.34 1.63 -2.83	30.95 1.72 -3.17	27.68 1.63 -0.22	25.01 1.32 -0.21	22.54 1.12 -0.76
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	22.08 0.52 0.00	20.72 0.47 0.00	20.13 0.45 0.00	19.90 0.47 0.00	20.33 0.40 0.00	22.73 0.51 0.00	27.32 0.62 -0.84	29.86 0.89 -2.86	28.63 1.04 -0.18	26.91 0.81 -0.12	25.48 0.67 -0.04	24.97 0.51 -0.18	24.29 0.57 -0.04	23.94 0.47 -0.18	23.79 0.42 -0.24	24.69 0.34 -0.33	26.17 0.48 -0.58	28.05 0.84 -0.96	28.43 0.88 -1.70	29.73 0.85 -2.99	30.41 0.94 -3.41	27.25 0.85 -0.57	24.62 0.59 -0.55	22.18 0.52 -1.00
GOUDEY___7 23579	22.08 0.52 0.00	20.74 0.49 0.00	20.15 0.47 0.00	19.92 0.49 0.00	20.35 0.42 0.00	22.75 0.53 0.00	27.35 0.65 -0.84	29.89 0.91 -2.86	28.66 1.07 -0.18	26.93 0.83 -0.12	25.51 0.69 -0.04	24.99 0.53 -0.18	24.31 0.59 -0.04	23.96 0.49 -0.18	23.81 0.44 -0.24	24.72 0.36 -0.33	26.19 0.50 -0.58	28.08 0.87 -0.96	28.45 0.90 -1.70	29.78 0.91 -2.99	30.44 0.96 -3.41	27.28 0.88 -0.57	24.64 0.61 -0.55	22.20 0.54 -1.00
GOUDEY___8 23580	22.08 0.52 0.00	20.72 0.47 0.00	20.13 0.45 0.00	19.90 0.47 0.00	20.33 0.40 0.00	22.73 0.51 0.00	27.32 0.62 -0.84	29.86 0.89 -2.86	28.63 1.04 -0.18	26.91 0.81 -0.12	25.48 0.67 -0.04	24.97 0.51 -0.18	24.29 0.57 -0.04	23.94 0.47 -0.18	23.79 0.42 -0.24	24.69 0.34 -0.33	26.17 0.48 -0.58	28.05 0.84 -0.96	28.43 0.88 -1.70	29.73 0.85 -2.99	30.41 0.94 -3.41	27.25 0.85 -0.57	24.62 0.59 -0.55	22.18 0.52 -1.00
GOWANUS_GT1_1 24077	23.83 2.26 -0.01	22.26 2.01 0.00	21.71 2.03 0.00	21.43 2.00 0.00	22.06 2.13 0.00	24.40 2.18 0.00	30.05 2.64 -1.56	35.30 2.85 -6.33	30.67 3.26 0.00	28.64 2.65 0.00	27.05 2.28 0.00	26.49 2.21 0.00	25.81 2.13 0.00	25.41 2.12 0.00	25.25 2.13 0.00	26.42 2.40 0.00	27.70 2.59 0.00	30.48 3.33 -0.89	31.98 3.00 -3.13	35.23 2.87 -6.47	36.01 2.79 -7.15	28.62 2.79 0.00	25.97 2.49 0.00	24.28 2.17 -1.46
GOWANUS_GT1_2 24078	23.83 2.26 -0.01	22.26 2.01 0.00	21.71 2.03 0.00	21.43 2.00 0.00	22.06 2.13 0.00	24.40 2.18 0.00	30.05 2.64 -1.56	35.30 2.85 -6.33	30.67 3.26 0.00	28.64 2.65 0.00	27.05 2.28 0.00	26.49 2.21 0.00	25.81 2.13 0.00	25.41 2.12 0.00	25.25 2.13 0.00	26.42 2.40 0.00	27.70 2.59 0.00	30.48 3.33 -0.89	31.98 3.00 -3.13	35.23 2.87 -6.47	36.01 2.79 -7.15	28.62 2.79 0.00	25.97 2.49 0.00	24.28 2.17 -1.46

GOWANUS_GT3_2 24123	23.83 2.26 -0.01	22.26 2.01 0.00	21.71 2.03 0.00	21.43 2.00 0.00	22.06 2.13 0.00	24.40 2.18 0.00	30.05 2.64 -1.56	35.30 2.85 -6.33	30.67 3.26 0.00	28.64 2.65 0.00	27.05 2.28 0.00	26.49 2.21 0.00	25.81 2.13 0.00	25.41 2.12 0.00	25.25 2.13 0.00	26.42 2.40 0.00	27.70 2.59 0.00	30.48 3.33 -0.89	31.98 3.00 -3.13	35.23 2.87 -6.47	36.01 2.79 -7.15	28.62 2.79 0.00	25.97 2.49 0.00	24.28 2.17 -1.46
GOWANUS_GT3_3 24124	23.83 2.26 -0.01	22.26 2.01 0.00	21.71 2.03 0.00	21.43 2.00 0.00	22.06 2.13 0.00	24.40 2.18 0.00	30.05 2.64 -1.56	35.30 2.85 -6.33	30.67 3.26 0.00	28.64 2.65 0.00	27.05 2.28 0.00	26.49 2.21 0.00	25.81 2.13 0.00	25.41 2.12 0.00	25.25 2.13 0.00	26.42 2.40 0.00	27.70 2.59 0.00	30.48 3.33 -0.89	31.98 3.00 -3.13	35.23 2.87 -6.47	36.01 2.79 -7.15	28.62 2.79 0.00	25.97 2.49 0.00	24.28 2.17 -1.46
GOWANUS_GT3_4 24125	23.83 2.26 -0.01	22.26 2.01 0.00	21.71 2.03 0.00	21.43 2.00 0.00	22.06 2.13 0.00	24.40 2.18 0.00	30.05 2.64 -1.56	35.30 2.85 -6.33	30.67 3.26 0.00	28.64 2.65 0.00	27.05 2.28 0.00	26.49 2.21 0.00	25.81 2.13 0.00	25.41 2.12 0.00	25.25 2.13 0.00	26.42 2.40 0.00	27.70 2.59 0.00	30.48 3.33 -0.89	31.98 3.00 -3.13	35.23 2.87 -6.47	36.01 2.79 -7.15	28.62 2.79 0.00	25.97 2.49 0.00	24.28 2.17 -1.46
GOWANUS_GT3_5 24126	23.83 2.26 -0.01	22.26 2.01 0.00	21.71 2.03 0.00	21.43 2.00 0.00	22.06 2.13 0.00	24.40 2.18 0.00	30.05 2.64 -1.56	35.30 2.85 -6.33	30.67 3.26 0.00	28.64 2.65 0.00	27.05 2.28 0.00	26.49 2.21 0.00	25.81 2.13 0.00	25.41 2.12 0.00	25.25 2.13 0.00	26.42 2.40 0.00	27.70 2.59 0.00	30.48 3.33 -0.89	31.98 3.00 -3.13	35.23 2.87 -6.47	36.01 2.79 -7.15	28.62 2.79 0.00	25.97 2.49 0.00	24.28 2.17 -1.46
GOWANUS_GT3_6 24127	23.83 2.26 -0.01	22.26 2.01 0.00	21.71 2.03 0.00	21.43 2.00 0.00	22.06 2.13 0.00	24.40 2.18 0.00	30.05 2.64 -1.56	35.30 2.85 -6.33	30.67 3.26 0.00	28.64 2.65 0.00	27.05 2.28 0.00	26.49 2.21 0.00	25.81 2.13 0.00	25.41 2.12 0.00	25.25 2.13 0.00	26.42 2.40 0.00	27.70 2.59 0.00	30.48 3.33 -0.89	31.98 3.00 -3.13	35.23 2.87 -6.47	36.01 2.79 -7.15	28.62 2.79 0.00	25.97 2.49 0.00	24.28 2.17 -1.46
GOWANUS_GT3_7 24128	23.83 2.26 -0.01	22.26 2.01 0.00	21.71 2.03 0.00	21.43 2.00 0.00	22.06 2.13 0.00	24.40 2.18 0.00	30.05 2.64 -1.56	35.30 2.85 -6.33	30.67 3.26 0.00	28.64 2.65 0.00	27.05 2.28 0.00	26.49 2.21 0.00	25.81 2.13 0.00	25.41 2.12 0.00	25.25 2.13 0.00	26.42 2.40 0.00	27.70 2.59 0.00	30.48 3.33 -0.89	31.98 3.00 -3.13	35.23 2.87 -6.47	36.01 2.79 -7.15	28.62 2.79 0.00	25.97 2.49 0.00	24.28 2.17 -1.46
GOWANUS_GT3_8 24129	23.83 2.26 -0.01	22.26 2.01 0.00	21.71 2.03 0.00	21.43 2.00 0.00	22.06 2.13 0.00	24.40 2.18 0.00	30.05 2.64 -1.56	35.30 2.85 -6.33	30.67 3.26 0.00	28.64 2.65 0.00	27.05 2.28 0.00	26.49 2.21 0.00	25.81 2.13 0.00	25.41 2.12 0.00	25.25 2.13 0.00	26.42 2.40 0.00	27.70 2.59 0.00	30.48 3.33 -0.89	31.98 3.00 -3.13	35.23 2.87 -6.47	36.01 2.79 -7.15	28.62 2.79 0.00	25.97 2.49 0.00	24.28 2.17 -1.46
GOWANUS_GT4_1 24130	23.83 2.26 -0.01	22.26 2.01 0.00	21.71 2.03 0.00	21.43 2.00 0.00	22.06 2.13 0.00	24.40 2.18 0.00	30.05 2.64 -1.56	35																

GREENBSH_115KV_TB3 55895	22.40 0.84 0.00	21.19 0.93 0.00	20.60 0.92 0.00	20.35 0.91 0.00	20.88 0.96 0.00	23.20 0.98 0.00	29.07 1.27 -1.94	35.07 1.23 -7.72	28.89 1.45 -0.03	26.81 0.81 -0.02	25.35 0.57 -0.01	24.87 0.56 -0.03	24.21 0.52 -0.01	23.86 0.54 -0.03	23.73 0.56 -0.05	24.76 0.67 -0.06	25.97 0.75 -0.11	28.63 1.18 -1.20	30.93 1.16 -3.92	35.06 1.16 -8.01	36.11 1.17 -8.87	27.05 1.11 -0.11	24.53 0.94 -0.10	23.30 0.79 -1.85
GREENDGE_115KV_TB5 80291	22.06 0.50 0.00	20.66 0.41 0.00	20.09 0.41 0.00	19.84 0.41 0.00	20.23 0.30 0.00	22.73 0.51 0.00	30.42 0.72 -3.83	35.01 0.99 -7.90	31.05 1.12 -2.52	28.53 0.91 -1.63	26.02 0.67 -0.58	27.34 0.51 -2.55	24.79 0.54 -0.57	26.24 0.47 -2.48	26.92 0.37 -3.43	28.86 0.17 -4.67	33.46 0.28 -8.07	35.54 0.42 -8.87	34.17 0.65 -7.67	34.94 0.54 -8.51	37.62 0.63 -10.93	34.25 0.52 -7.90	31.44 0.33 -7.63	27.52 0.29 -6.57
GREENIDGE___3 23582	22.06 0.50 0.00	20.66 0.41 0.00	20.09 0.41 0.00	19.84 0.41 0.00	20.23 0.30 0.00	22.73 0.51 0.00	30.42 0.72 -3.83	35.01 0.99 -7.90	31.05 1.12 -2.52	28.53 0.91 -1.63	26.02 0.67 -0.58	27.34 0.51 -2.55	24.79 0.54 -0.57	26.24 0.47 -2.48	26.92 0.37 -3.43	28.86 0.17 -4.67	33.46 0.28 -8.07	35.54 0.42 -8.87	34.17 0.65 -7.67	34.94 0.54 -8.51	37.62 0.63 -10.93	34.25 0.52 -7.90	31.44 0.33 -7.63	27.52 0.29 -6.57
GREENIDGE___4 23583	22.06 0.50 0.00	20.80 0.55 0.00	20.09 0.41 0.00	19.84 0.41 0.00	20.23 0.30 0.00	22.73 0.51 0.00	31.10 0.75 -4.49	36.17 0.99 -9.06	31.53 1.12 -3.00	28.84 0.91 -1.95	26.14 0.67 -0.70	27.83 0.51 -3.04	24.90 0.55 -0.68	26.71 0.47 -2.95	27.58 0.37 -4.09	29.77 0.17 -5.58	35.36 0.28 -9.97	37.53 0.42 -10.86	35.66 0.65 -9.16	36.35 0.60 -9.87	39.48 0.62 -12.79	36.09 0.52 -9.74	33.21 0.33 -9.40	28.91 0.29 -7.96
GREENLWN_69_KV_BK 3 55738	24.28 2.48 -0.24	22.63 2.37 0.00	21.92 2.24 0.00	22.05 2.29 -0.33	22.30 2.37 0.00	25.63 2.58 -0.83	35.14 3.26 -6.02	36.73 3.29 -7.32	34.25 3.86 -2.98	31.17 3.12 -2.06	30.09 2.65 -2.67	29.06 2.55 -2.24	27.71 2.44 -1.59	27.79 2.38 -2.12	27.76 2.38 -2.25	30.60 2.64 -3.94	31.76 2.84 -3.81	33.24 3.54 -3.45	35.41 3.31 -6.25	43.69 3.18 -14.63	45.60 3.23 -16.30	33.20 3.15 -4.22	30.70 2.84 -4.37	26.81 2.40 -3.75
GREENWD_138_KV_38B11_REV_LBMP_J 345004	23.83 2.26 0.00	22.38 2.13 0.00	21.71 2.03 0.00	21.43 2.00 0.00	22.06 2.13 0.00	24.40 2.18 0.00	30.12 2.64 -1.63	35.32 2.79 -6.41	30.71 3.26 -0.05	28.66 2.65 -0.03	27.06 2.28 -0.01	26.53 2.21 -0.05	25.84 2.15 -0.01	25.46 2.12 -0.05	25.32 2.13 -0.06	26.51 2.40 -0.09	27.85 2.59 -0.15	30.64 3.33 -1.05	32.13 3.00 -3.28	35.36 2.82 -6.65	36.21 2.76 -7.38	28.77 2.79 -0.14	26.11 2.49 -0.14	24.41 2.17 -1.58
GRISSOM___SOLAR 323813	23.83 2.26 0.00	22.38 2.13 0.00	21.69 2.01 0.00	21.39 1.96 0.00	22.06 2.13 0.00	24.57 2.35 0.00	30.95 2.87 -2.22	37.72 2.67 -8.94	30.20 2.80 0.00	28.27 2.29 0.00	26.68 1.91 0.00	26.22 1.94 0.00	25.48 1.80 0.00	25.02 1.72 0.00	24.77 1.64 0.00	25.94 1.92 0.00	27.32 2.21 0.00	30.36 2.84 -1.27	33.09 2.77 -4.47	37.90 2.77 -9.24	39.25 2.97 -10.21	28.65 2.82 0.00	25.88 2.40 0.00	24.73 2.00 -2.07
GROVEVILLE___HYD 323602	23.46 1.90 0.00	22.08 1.82 0.00	21.43 1.75 0.00	21.20 1.77 0.00	21.74 1.81 0.00	24.24 2.02 0.00	30.00 2.51 -1.64	35.20 2.64 -6.45	30.41 2.96 -0.05	28.33 2.31 -0.03	26.79 2.01 -0.01	26.24 1.92 -0.05	25.51 1.82 -0.01	25.11 1.77 -0.04	24.94 1.76 -0.06	26.10 1.99 -0.08	27.44 2.18 -0.15	30.14 2.84 -1.06	31.79 2.64 -3.30	35.11 2.54 -6.69	36.11 2.63 -7.42	28.48 2.51 -0.14	25.78 2.16 -0.14	24.06 1.82 -1.58
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	21.65 0.09 0.00	20.32 0.06 0.00	19.74 0.06 0.00	19.51 0.08 0.00	19.97 0.04 0.00	22.31 0.09 0.00	26.31 0.21 -0.25	27.46 0.42 -0.93	27.87 0.44 -0.03	26.31 0.31 -0.01	24.97 0.20 -0.01	24.44 0.15 -0.02	23.83 0.14 -0.01	23.46 0.14 -0.02	23.25 0.09 -0.03	24.09 0.02 -0.04	25.26 0.08 -0.07	26.64 0.18 -0.20	26.61 0.26 -0.50	27.08 0.23 -0.97	27.43 0.29 -1.08	26.11 0.21 -0.07	23.62 0.07 -0.07	21.00 0.08 -0.26
HAMLTNNY_34_KV_TB 80303	21.69 0.13 0.00	20.36 0.10 0.00	19.78 0.10 0.00	19.55 0.12 0.00	19.99 0.06 0.00	22.35 0.13 0.00	26.45 0.31 -0.28	27.62 0.50 -1.01	28.02 0.58 -0.04	26.43 0.42 -0.02	25.08 0.30 -0.01	24.56 0.24 -0.04	23.92 0.24 -0.01	23.59 0.26 -0.04	23.36 0.19 -0.05	24.21 0.12 -0.07	25.41 0.18 -0.12	26.80 0.29 -0.26	26.75 0.34 -0.56	27.25 0.31 -1.05	27.62 0.36 -1.19	26.24 0.28 -0.12	23.72 0.12 -0.12	21.09 0.12 -0.31
HAMPSHIRE___PAPER_HYD 323593	20.92 -0.65 0.00	19.63 -0.63 0.00	19.07 -0.61 0.00	18.83 -0.60 0.00	19.33 -0.60 0.00	21.57 -0.65 0.00	24.88 -1.04 -0.06	25.19 -1.12 -0.20	25.73 -1.40 0.28	25.00 -0.99 0.00	23.85 -0.92 0.00	23.50 -0.78 0.00	22.94 -0.73 0.00	22.55 -0.75 0.00	22.48 -0.65 0.00	23.28 -0.74 0.00	24.16 -0.95 0.00	25.07 -1.21 -0.03	24.80 -1.14 -0.08	24.89 -1.16 -0.17	25.11 -1.15 -0.19	24.67 -1.16 0.00	22.66 -0.82 0.00	19.93 -0.76 -0.04
HARDSCRABBLE_WT_PWR 323673	21.45 -0.11 0.00	20.07 -0.18 0.00	19.44 -0.24 0.00	19.18 -0.25 0.00	19.69 -0.24 0.00	21.98 -0.24 0.00	25.58 -0.31 -0.03	25.98 -0.26 -0.12	27.24 -0.16 0.00	25.86 -0.13 0.00	24.57 -0.20 0.00	24.08 -0.20 0.00	23.46 -0.21 0.00	23.04 -0.26 0.00	22.87 -0.25 0.00	23.71 -0.31 0.00	24.79 -0.33 0.00	25.98 -0.29 -0.02	25.52 -0.39 -0.06	25.57 -0.44 -0.12	25.73 -0.47 -0.13	25.32 -0.52 0.00	22.92 -0.56 0.00	20.15 -0.54 -0.03
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	23.37 1.81 0.00	21.98 1.72 0.00	21.33 1.65 0.00	21.10 1.67 0.00	21.66 1.73 0.00	24.13 1.91 0.00	29.82 2.38 -1.58	34.87 2.53 -6.22	30.31 2.85 -0.05	28.25 2.23 -0.03	26.71 1.93 -0.01	26.15 1.82 -0.05	25.44 1.75 -0.01	25.04 1.70 -0.05	24.90 1.71 -0.07	26.03 1.92 -0.09	27.38 2.11 -0.15	30.01 2.73 -1.03	31.57 2.53 -3.19	34.80 2.46 -6.46	35.73 2.50 -7.16	28.36 2.38 -0.15	25.67 2.04 -0.15	23.91 1.71 -1.53
HARSNRAD_115KV_TB1 81005	20.74 -0.82 0.00	19.34 -0.91 0.00	18.91 -0.77 0.00	18.64 -0.80 0.00	18.89 -1.04 0.00	21.22 -1.00 0.00	23.13 -0.78 1.95	22.80 -0.47 2.84	25.18 -0.58 1.65	24.22 -0.70 1.07	23.34 -1.04 0.39	21.51 -1.09 1.67	22.28 -1.02 0.38	20.72 -0.96 1.62	19.81 -1.06 2.25	19.55 -1.39 3.08	18.40 -1.38 5.33	19.44 -1.42 5.39	20.83 -1.24 3.78	21.57 -1.27 3.05	20.59 -1.12 4.36	19.54 -1.19 5.10	17.17 -1.39 4.93	15.83 -1.14 3.70
HARZA MOOSE___RIVER 24016	21.71 0.15 0.00	20.38 0.12 0.00	19.78 0.10 0.00	19.55 0.12 0.00	20.03 0.10 0.00	22.42 0.20 0.00	26.21 0.28 -0.07	26.89 0.50 -0.28	27.82 0.38 -0.03	26.27 0.29 0.00	24.92 0.15 0.00	24.45 0.17 0.00	23.84 0.17 0.00	23.41 0.12 0.00	23.29 0.16 0.00	24.14 0.12 0.00	25.24 0.13 0.00	26.53 0.24 -0.04	26.25 0.26 -0.14	26.43 0.26 -0.29	26.69 0.31 -0.32	26.04 0.21 0.00	23.60 0.12 0.00	20.79 0.06 -0.06

HDSNBRDG_115KV_BRDG_TB1 355580	21.50 -0.06 0.00	20.17 -0.08 0.00	19.60 -0.08 0.00	19.37 -0.06 0.00	19.83 -0.10 0.00	22.15 -0.07 0.00	26.11 0.05 -0.20	27.21 0.26 -0.83	27.68 0.27 0.00	26.14 0.16 0.00	24.79 0.02 0.00	24.25 -0.02 0.01	23.68 0.00 0.00	23.29 0.00 0.01	23.07 -0.05 0.01	23.89 -0.12 0.01	25.02 -0.08 0.02	26.38 0.03 -0.10	26.36 0.10 -0.41	26.82 0.08 -0.86	27.14 0.13 -0.95	25.89 0.08 0.02	23.40 -0.07 0.02	20.82 -0.02 -0.18
HELLGATE_13_KV_LD 55870	23.74 2.18 0.00	22.34 2.09 0.00	21.65 1.97 0.00	21.40 1.96 0.00	22.00 2.07 0.00	24.35 2.13 0.00	30.07 2.59 -1.63	35.27 2.74 -6.41	30.63 3.18 -0.05	28.61 2.60 -0.03	27.01 2.23 -0.01	26.48 2.16 -0.05	25.77 2.08 -0.01	25.39 2.05 -0.05	25.25 2.06 -0.06	26.41 2.31 -0.09	27.72 2.46 -0.15	30.48 3.18 -1.05	32.00 2.87 -3.28	35.23 2.69 -6.65	36.13 2.68 -7.38	28.64 2.66 -0.14	26.00 2.37 -0.14	24.31 2.07 -1.58
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	23.74 2.18 0.00	22.34 2.09 0.00	21.65 1.97 0.00	21.40 1.96 0.00	22.00 2.07 0.00	24.35 2.13 0.00	30.07 2.59 -1.63	35.27 2.74 -6.41	30.63 3.18 -0.05	28.61 2.60 -0.03	27.01 2.23 -0.01	26.48 2.16 -0.05	25.77 2.08 -0.01	25.39 2.05 -0.05	25.25 2.06 -0.06	26.41 2.31 -0.09	27.72 2.46 -0.15	30.48 3.18 -1.05	32.00 2.87 -3.28	35.23 2.69 -6.65	36.13 2.68 -7.38	28.64 2.66 -0.14	26.00 2.37 -0.14	24.31 2.07 -1.58
HEMPSTEAD____ 23647	24.13 2.33 -0.24	22.36 2.11 0.00	21.79 2.11 0.00	21.90 2.14 -0.33	22.16 2.23 0.00	25.47 2.42 -0.83	34.86 3.05 -5.96	36.60 3.24 -7.24	33.99 3.65 -2.94	30.95 2.94 -2.03	29.93 2.50 -2.65	28.87 2.40 -2.19	27.55 2.30 -1.58	27.63 2.26 -2.08	27.55 2.24 -2.19	30.39 2.52 -3.85	31.46 2.69 -3.66	32.90 3.36 -3.29	35.07 3.13 -6.10	43.36 3.03 -14.44	45.19 3.05 -16.08	32.90 3.00 -4.07	30.39 2.68 -4.23	26.56 2.27 -3.63
HEWLETT__69_KV_BK3 55828	24.35 2.54 -0.24	22.69 2.43 0.00	21.98 2.30 0.00	22.11 2.35 -0.33	22.36 2.43 0.00	25.69 2.64 -0.83	35.11 3.23 -6.02	36.81 3.37 -7.32	34.23 3.84 -2.98	31.22 3.17 -2.06	30.16 2.72 -2.67	29.11 2.60 -2.24	27.78 2.51 -1.59	27.86 2.45 -2.12	27.80 2.43 -2.25	30.65 2.69 -3.94	31.81 2.89 -3.81	33.27 3.57 -3.45	35.43 3.33 -6.25	43.75 3.24 -14.63	45.65 3.28 -16.30	33.28 3.23 -4.22	30.72 2.87 -4.37	26.85 2.44 -3.75
HICKLING___1 23621	22.21 0.65 0.00	20.82 0.57 0.00	20.27 0.59 0.00	20.00 0.56 0.00	20.39 0.46 0.00	22.86 0.64 0.00	28.63 0.80 -1.98	31.90 1.10 -4.69	29.84 1.34 -1.09	27.78 1.09 -0.71	25.94 0.92 -0.25	26.04 0.66 -1.10	24.71 0.78 -0.25	24.97 0.61 -1.07	25.12 0.51 -1.48	26.36 0.31 -2.02	29.13 0.53 -3.49	31.27 1.00 -4.02	30.90 1.09 -3.96	31.97 1.09 -5.00	33.45 1.20 -6.19	30.31 1.06 -3.42	27.49 0.70 -3.30	24.42 0.62 -3.14
HICKLING___2 23622	22.21 0.65 0.00	20.82 0.57 0.00	20.27 0.59 0.00	20.00 0.56 0.00	20.39 0.46 0.00	22.86 0.64 0.00	28.63 0.80 -1.98	31.90 1.10 -4.69	29.84 1.34 -1.09	27.78 1.09 -0.71	25.94 0.92 -0.25	26.04 0.66 -1.10	24.71 0.78 -0.25	24.97 0.61 -1.07	25.12 0.51 -1.48	26.36 0.31 -2.02	29.13 0.53 -3.49	31.27 1.00 -4.02	30.90 1.09 -3.96	31.97 1.09 -5.00	33.45 1.20 -6.19	30.31 1.06 -3.42	27.49 0.70 -3.30	24.42 0.62 -3.14
HIGH FALLS___HY 23754	23.52 1.96 0.00	22.08 1.82 0.00	21.41 1.73 0.00	21.18 1.75 0.00	21.74 1.81 0.00	24.29 2.07 0.00	29.85 2.35 -1.64	35.26 2.69 -6.46	30.33 2.88 -0.05	28.38 2.36 -0.03	26.79 2.01 -0.01	26.24 1.92 -0.05	25.51 1.82 -0.01	25.13 1.79 -0.05	24.97 1.78 -0.06	26.15 2.04 -0.09	27.52 2.26 -0.15	30.20 2.89 -1.06	31.84 2.69 -3.31	35.15 2.56 -6.70	36.15 2.66 -7.43	28.56 2.58 -0.15	25.81 2.18 -0.14	24.06 1.82 -1.59
HILLBURN___GT 23639	23.42 1.85 0.00	21.94 1.68 0.00	21.37 1.69 0.00	21.14 1.71 0.00	21.70 1.77 0.00	24.18 1.96 0.00	29.73 2.35 -1.52	34.84 2.53 -6.19	30.28 2.88 0.00	28.24 2.26 0.00	26.73 1.96 0.00	26.12 1.84 0.00	25.46 1.78 0.00	25.02 1.72 0.00	24.86 1.74 0.00	25.97 1.94 0.00	27.22 2.11 0.00	29.88 2.76 -0.87	31.44 2.53 -3.05	34.68 2.49 -6.31	35.54 2.50 -6.98	28.23 2.40 0.00	25.55 2.07 0.00	23.79 1.71 -1.41
HILLSIDE_115KV_TB1 80332	21.93 0.37 0.00	20.56 0.30 0.00	20.01 0.33 0.00	19.74 0.31 0.00	20.15 0.22 0.00	22.58 0.36 0.00	27.91 0.34 -1.72	31.01 0.65 -4.24	29.15 0.85 -0.90	27.19 0.62 -0.58	25.47 0.50 -0.21	25.43 0.24 -0.91	24.26 0.38 -0.20	24.36 0.19 -0.88	24.46 0.12 -1.22	25.64 -0.05 -1.66	28.11 0.13 -2.87	30.21 0.60 -3.36	30.00 0.70 -3.45	31.10 0.70 -4.52	32.40 0.81 -5.53	29.32 0.67 -2.81	26.57 0.38 -2.71	23.68 0.35 -2.67
HISHELDN_WT_PWR 323625	21.17 -0.39 0.00	20.03 -0.22 0.00	19.29 -0.39 0.00	19.02 -0.41 0.00	19.29 -0.64 0.00	21.67 -0.55 0.00	17.35 -0.57 7.94	12.06 -0.29 13.77	21.11 -0.22 6.07	21.67 -0.36 3.95	22.76 -0.59 1.41	17.34 -0.78 6.16	21.64 -0.66 1.38	16.59 -0.72 5.98	14.02 -0.83 8.28	11.58 -1.15 11.28	5.12 -1.10 18.89	5.49 -0.87 19.89	9.79 -0.70 15.36	10.55 -0.70 14.64	5.74 -0.60 19.73	6.75 -0.70 18.38	4.83 -0.92 17.74	5.75 -0.79 14.13
HOLTSVILLE_IC_1 23690	24.43 2.63 -0.24	22.69 2.43 0.00	22.06 2.38 0.00	22.21 2.45 -0.33	22.46 2.53 0.00	25.78 2.73 -0.83	35.22 3.41 -5.96	36.99 3.63 -7.24	34.37 4.03 -2.94	31.21 3.20 -2.03	30.00 2.58 -2.65	28.95 2.48 -2.19	27.63 2.37 -1.58	27.70 2.33 -2.08	27.62 2.31 -2.19	30.44 2.57 -3.85	31.56 2.79 -3.66	33.03 3.49 -3.29	35.20 3.26 -6.10	43.49 3.16 -14.44	45.32 3.18 -16.08	33.03 3.12 -4.07	30.65 2.94 -4.23	26.75 2.46 -3.63
HOLTSVILLE_IC_10 23699	24.52 2.72 -0.24	22.77 2.51 0.00	22.14 2.46 0.00	22.29 2.53 -0.33	22.54 2.61 0.00	25.87 2.82 -0.83	35.40 3.59 -5.96	37.17 3.81 -7.24	34.56 4.22 -2.94	31.37 3.35 -2.03	30.15 2.72 -2.65	29.09 2.62 -2.19	27.77 2.51 -1.58	27.84 2.47 -2.08	27.74 2.43 -2.19	30.56 2.69 -3.85	31.74 2.96 -3.66	33.19 3.65 -3.29	35.39 3.44 -6.10	43.67 3.34 -14.44	45.50 3.36 -16.08	33.21 3.31 -4.07	30.79 3.08 -4.23	26.85 2.56 -3.63
HOLTSVILLE_IC_2 23691	24.43 2.63 -0.24	22.69 2.43 0.00	22.06 2.38 0.00	22.21 2.45 -0.33	22.46 2.53 0.00	25.78 2.73 -0.83	35.22 3.41 -5.96	36.99 3.63 -7.24	34.37 4.03 -2.94	31.21 3.20 -2.03	30.00 2.58 -2.65	28.95 2.48 -2.19	27.63 2.37 -1.58	27.70 2.33 -2.08	27.62 2.31 -2.19	30.44 2.57 -3.85	31.56 2.79 -3.66	33.03 3.49 -3.29	35.20 3.26 -6.10	43.49 3.16 -14.44	45.32 3.18 -16.08	33.03 3.12 -4.07	30.65 2.94 -4.23	26.75 2.46 -3.63
HOLTSVILLE_IC_3 23692	24.43 2.63 -0.24	22.69 2.43 0.00	22.06 2.38 0.00	22.21 2.45 -0.33	22.46 2.53 0.00	25.78 2.73 -0.83	35.22 3.41 -5.96	36.99 3.63 -7.24	34.37 4.03 -2.94	31.21 3.20 -2.03	30.00 2.58 -2.65	28.95 2.48 -2.19	27.63 2.37 -1.58	27.70 2.33 -2.08	27.62 2.31 -2.19	30.44 2.57 -3.85	31.56 2.79 -3.66	33.03 3.49 -3.29	35.20 3.26 -6.10	43.49 3.16 -14.44	45.32 3.18 -16.08	33.03 3.12 -4.07	30.65 2.94 -4.23	26.75 2.46 -3.63

HOLTSVILLE_IC_4 23693	24.43 2.63 -0.24	22.69 2.43 0.00	22.06 2.38 0.00	22.21 2.45 -0.33	22.46 2.53 0.00	25.78 2.73 -0.83	35.22 3.41 -5.96	36.99 3.63 -7.24	34.37 4.03 -2.94	31.21 3.20 -2.03	30.00 2.58 -2.65	28.95 2.48 -2.19	27.63 2.37 -1.58	27.70 2.33 -2.08	27.62 2.31 -2.19	30.44 2.57 -3.85	31.56 2.79 -3.66	33.03 3.49 -3.29	35.20 3.26 -6.10	43.49 3.16 -14.44	45.32 3.18 -16.08	33.03 3.12 -4.07	30.65 2.94 -4.23	26.75 2.46 -3.63
HOLTSVILLE_IC_5 23694	24.43 2.63 -0.24	22.69 2.43 0.00	22.06 2.38 0.00	22.21 2.45 -0.33	22.46 2.53 0.00	25.78 2.73 -0.83	35.22 3.41 -5.96	36.99 3.63 -7.24	34.37 4.03 -2.94	31.21 3.20 -2.03	30.00 2.58 -2.65	28.95 2.48 -2.19	27.63 2.37 -1.58	27.70 2.33 -2.08	27.62 2.31 -2.19	30.44 2.57 -3.85	31.56 2.79 -3.66	33.03 3.49 -3.29	35.20 3.26 -6.10	43.49 3.16 -14.44	45.32 3.18 -16.08	33.03 3.12 -4.07	30.65 2.94 -4.23	26.75 2.46 -3.63
HOLTSVILLE_IC_6 23695	24.52 2.72 -0.24	22.77 2.51 0.00	22.14 2.46 0.00	22.29 2.53 -0.33	22.54 2.61 0.00	25.87 2.82 -0.83	35.40 3.59 -5.96	37.17 3.81 -7.24	34.56 4.22 -2.94	31.37 3.35 -2.03	30.15 2.72 -2.65	29.09 2.62 -2.19	27.77 2.51 -1.58	27.84 2.47 -2.08	27.74 2.43 -2.19	30.56 2.69 -3.85	31.74 2.96 -3.66	33.19 3.65 -3.29	35.39 3.44 -6.10	43.67 3.34 -14.44	45.50 3.36 -16.08	33.21 3.31 -4.07	30.79 3.08 -4.23	26.85 2.56 -3.63
HOLTSVILLE_IC_7 23696	24.52 2.72 -0.24	22.77 2.51 0.00	22.14 2.46 0.00	22.29 2.53 -0.33	22.54 2.61 0.00	25.87 2.82 -0.83	35.40 3.59 -5.96	37.17 3.81 -7.24	34.56 4.22 -2.94	31.37 3.35 -2.03	30.15 2.72 -2.65	29.09 2.62 -2.19	27.77 2.51 -1.58	27.84 2.47 -2.08	27.74 2.43 -2.19	30.56 2.69 -3.85	31.74 2.96 -3.66	33.19 3.65 -3.29	35.39 3.44 -6.10	43.67 3.34 -14.44	45.50 3.36 -16.08	33.21 3.31 -4.07	30.79 3.08 -4.23	26.85 2.56 -3.63
HOLTSVILLE_IC_8 23697	24.52 2.72 -0.24	22.77 2.51 0.00	22.14 2.46 0.00	22.29 2.53 -0.33	22.54 2.61 0.00	25.87 2.82 -0.83	35.40 3.59 -5.96	37.17 3.81 -7.24	34.56 4.22 -2.94	31.37 3.35 -2.03	30.15 2.72 -2.65	29.09 2.62 -2.19	27.77 2.51 -1.58	27.84 2.47 -2.08	27.74 2.43 -2.19	30.56 2.69 -3.85	31.74 2.96 -3.66	33.19 3.65 -3.29	35.39 3.44 -6.10	43.67 3.34 -14.44	45.50 3.36 -16.08	33.21 3.31 -4.07	30.79 3.08 -4.23	26.85 2.56 -3.63
HOLTSVILLE_IC_9 23698	24.52 2.72 -0.24	22.77 2.51 0.00	22.14 2.46 0.00	22.29 2.53 -0.33	22.54 2.61 0.00	25.87 2.82 -0.83	35.40 3.59 -5.96	37.17 3.81 -7.24	34.56 4.22 -2.94	31.37 3.35 -2.03	30.15 2.72 -2.65	29.09 2.62 -2.19	27.77 2.51 -1.58	27.84 2.47 -2.08	27.74 2.43 -2.19	30.56 2.69 -3.85	31.74 2.96 -3.66	33.19 3.65 -3.29	35.39 3.44 -6.10	43.67 3.34 -14.44	45.50 3.36 -16.08	33.21 3.31 -4.07	30.79 3.08 -4.23	26.85 2.56 -3.63
HOMER_HL_115KV_TB2 355744	21.73 0.17 0.00	20.34 0.08 0.00	19.82 0.14 0.00	19.55 0.12 0.00	19.83 -0.10 0.00	22.29 0.07 0.00	24.65 -0.72 0.48	25.73 -0.39 0.00	26.96 0.19 0.64	25.54 -0.03 0.42	24.82 0.20 0.15	23.19 -0.44 0.65	23.58 0.05 0.15	22.13 -0.54 0.63	21.69 -0.56 0.88	21.96 -0.86 1.20	22.37 -0.68 2.07	24.68 0.39 1.96	25.48 0.57 0.93	26.42 0.60 0.06	26.34 0.73 0.46	24.45 0.62 2.01	21.78 0.23 1.94	19.71 0.25 1.20
HOWARD_WT_PWR 323690	21.99 0.43 0.00	20.74 0.49 0.00	19.99 0.31 0.00	19.72 0.29 0.00	20.05 0.12 0.00	22.51 0.29 0.00	35.46 0.36 -9.24	44.61 0.68 -17.82	34.74 0.88 -6.46	30.83 0.65 -4.20	26.67 0.40 -1.50	30.95 0.12 -6.55	25.38 0.24 -1.47	29.73 0.07 -6.36	31.86 -0.07 -8.80	35.59 -0.43 -12.00	45.97 -0.30 -21.16	49.14 0.08 -22.81	44.76 0.21 -18.70	45.52 0.21 -19.43	51.81 0.29 -25.46	46.62 0.13 -20.66	43.26 -0.16 -19.94	37.06 -0.14 -16.54
HQ_GEN_CEDARS 23644	21.30 -0.26 0.00	19.97 -0.28 0.00	19.44 -0.24 0.00	19.16 -0.27 0.00	19.69 -0.24 0.00	21.91 -0.31 0.00	25.15 -0.72 -0.01	25.36 -0.81 -0.05	25.92 -1.26 0.22	25.33 -0.65 0.00	24.35 -0.42 0.00	24.01 -0.27 0.00	23.49 -0.19 0.00	23.11 -0.19 0.00	23.01 -0.12 0.00	23.85 -0.17 0.00	24.64 -0.48 0.00	25.44 -0.81 -0.01	25.10 -0.78 -0.03	25.14 -0.80 -0.05	25.26 -0.86 -0.06	25.06 -0.77 0.00	23.13 -0.35 0.00	20.36 -0.31 -0.01
HQ_GEN_CEDARS_PROXY 323590	21.30 -0.26 0.00	19.97 -0.28 0.00	19.44 -0.24 0.00	19.16 -0.27 0.00	19.69 -0.24 0.00	21.91 -0.31 0.00	25.13 -0.72 0.00	25.26 -0.86 0.00	25.92 -1.26 0.23	25.34 -0.65 0.00	24.35 -0.42 0.00	24.01 -0.27 0.00	23.49 -0.19 0.00	23.11 -0.19 0.00	23.01 -0.12 0.00	23.85 -0.17 0.00	24.64 -0.48 0.00	25.25 -0.81 0.18	25.26 -0.77 -0.18	25.08 -0.80 0.00	25.20 -0.86 0.00	25.06 -0.77 0.00	23.13 -0.35 0.00	20.35 -0.31 0.00
HQ_GEN_IMPORT 323601	21.28 -0.28 0.00	19.97 -0.28 0.00	19.42 -0.26 0.00	19.16 -0.27 0.00	19.67 -0.26 0.00	21.91 -0.31 0.00	25.34 -0.52 0.00	25.49 -0.63 0.00	26.66 -0.74 0.01	25.49 -0.49 0.00	24.47 -0.30 0.00	24.01 -0.27 0.00	23.44 -0.24 0.00	23.06 -0.23 0.00	22.92 -0.21 0.00	23.78 -0.24 0.00	24.79 -0.33 0.00	25.49 -0.58 0.18	25.49 -0.54 -0.18	25.34 -0.54 0.00	25.49 -0.57 0.00	25.34 -0.49 0.00	23.18 -0.31 0.00	20.39 -0.27 0.00
HQ_GEN_WHEEL 23651	21.28 -0.28 0.00	19.97 -0.28 0.00	19.42 -0.26 0.00	19.16 -0.27 0.00	19.67 -0.26 0.00	21.91 -0.31 0.00	25.34 -0.52 0.00	25.49 -0.63 0.00	26.66 -0.74 0.01	25.49 -0.49 0.00	24.47 -0.30 0.00	24.01 -0.27 0.00	23.44 -0.24 0.00	23.06 -0.23 0.00	22.92 -0.21 0.00	23.78 -0.24 0.00	24.79 -0.33 0.00	25.49 -0.58 0.18	25.49 -0.54 -0.18	25.34 -0.54 0.00	25.49 -0.57 0.00	25.34 -0.49 0.00	23.18 -0.31 0.00	20.39 -0.27 0.00
HUDSON_AVE_GT_3 23810	23.68 2.11 -0.01	22.14 1.88 0.00	21.59 1.91 0.00	21.34 1.91 0.00	21.94 2.01 0.00	24.35 2.13 0.00	30.05 2.64 -1.56	35.32 2.87 -6.33	30.64 3.23 0.00	28.64 2.65 0.00	27.02 2.25 0.00	26.44 2.16 0.00	25.76 2.08 0.00	25.35 2.05 0.00	25.16 2.04 0.00	26.33 2.31 0.00	27.58 2.46 0.00	30.29 3.15 -0.89	31.85 2.87 -3.13	35.10 2.74 -6.47	35.95 2.74 -7.15	28.52 2.69 0.00	25.85 2.37 0.00	24.11 2.00 -1.45
HUDSON_AVE_GT_4 23540	23.68 2.11 -0.01	22.14 1.88 0.00	21.59 1.91 0.00	21.34 1.91 0.00	21.94 2.01 0.00	24.35 2.13 0.00	30.05 2.64 -1.56	35.32 2.87 -6.33	30.64 3.23 0.00	28.64 2.65 0.00	27.02 2.25 0.00	26.44 2.16 0.00	25.76 2.08 0.00	25.35 2.05 0.00	25.16 2.04 0.00	26.33 2.31 0.00	27.58 2.46 0.00	30.29 3.15 -0.89	31.85 2.87 -3.13	35.10 2.74 -6.47	35.95 2.74 -7.15	28.52 2.69 0.00	25.85 2.37 0.00	24.11 2.00 -1.45
HUDSON_AVE_GT_5 23657	23.68 2.11 -0.01	22.14 1.88 0.00	21.59 1.91 0.00	21.34 1.91 0.00	21.94 2.01 0.00	24.35 2.13 0.00	30.05 2.64 -1.56	35.32 2.87 -6.33	30.64 3.23 0.00	28.64 2.65 0.00	27.02 2.25 0.00	26.44 2.16 0.00	25.76 2.08 0.00	25.35 2.05 0.00	25.16 2.04 0.00	26.33 2.31 0.00	27.58 2.46 0.00	30.29 3.15 -0.89	31.85 2.87 -3.13	35.10 2.74 -6.47	35.95 2.74 -7.15	28.52 2.69 0.00	25.85 2.37 0.00	24.11 2.00 -1.45

HUDSON_AVE_10 24168	23.61 2.05 0.00	22.20 1.94 0.00	21.53 1.85 0.00	21.28 1.85 0.00	21.88 1.95 0.00	24.29 2.07 0.00	30.07 2.59 -1.63	35.27 2.74 -6.41	30.63 3.18 -0.05	28.61 2.60 -0.03	26.96 2.18 -0.01	26.41 2.09 -0.05	25.68 1.99 -0.01	25.30 1.96 -0.05	25.15 1.97 -0.06	26.34 2.23 -0.09	27.65 2.39 -0.15	30.38 3.07 -1.05	31.92 2.79 -3.28	35.15 2.61 -6.65	36.08 2.63 -7.38	28.59 2.61 -0.14	25.97 2.35 -0.14	24.18 1.94 -1.57
HUDSON___115KV_TB 4 355613	22.66 1.10 0.00	21.39 1.13 0.00	20.80 1.12 0.00	20.54 1.11 0.00	21.10 1.18 0.00	23.46 1.24 0.00	29.28 1.53 -1.90	35.12 1.46 -7.54	29.17 1.73 -0.04	27.07 1.07 -0.02	25.55 0.77 -0.01	25.11 0.80 -0.04	24.42 0.73 -0.01	24.08 0.75 -0.03	23.94 0.76 -0.05	25.00 0.91 -0.07	26.28 1.05 -0.11	28.88 1.44 -1.18	31.15 1.47 -3.83	35.21 1.50 -7.82	36.29 1.56 -8.66	27.47 1.52 -0.11	24.88 1.29 -0.11	23.49 1.01 -1.82
HUNTER MOUNT___DRP 323613	22.66 1.10 0.00	21.41 1.15 0.00	20.80 1.12 0.00	20.54 1.11 0.00	21.10 1.18 0.00	23.49 1.27 0.00	29.24 1.53 -1.86	34.85 1.36 -7.38	29.17 1.73 -0.04	27.02 1.01 -0.02	25.50 0.72 -0.01	25.07 0.75 -0.04	24.35 0.66 -0.01	24.03 0.70 -0.04	23.89 0.72 -0.05	24.96 0.86 -0.07	26.24 1.00 -0.12	28.75 1.34 -1.16	31.00 1.40 -3.75	34.96 1.42 -7.65	36.08 1.54 -8.48	27.47 1.52 -0.12	24.89 1.29 -0.11	23.39 0.95 -1.78
HUNTINGTON_RES_REC 323705	24.41 2.61 -0.24	22.64 2.39 0.00	22.04 2.36 0.00	22.17 2.41 -0.33	22.42 2.49 0.00	25.76 2.71 -0.83	35.30 3.49 -5.96	37.07 3.71 -7.24	34.45 4.11 -2.94	31.32 3.30 -2.03	30.17 2.75 -2.65	29.11 2.65 -2.19	27.79 2.53 -1.58	27.86 2.49 -2.08	27.79 2.48 -2.19	30.61 2.74 -3.85	31.76 2.99 -3.66	33.24 3.70 -3.29	35.41 3.47 -6.10	43.72 3.39 -14.44	45.55 3.41 -16.08	33.24 3.33 -4.07	30.75 3.03 -4.23	26.83 2.54 -3.63
HUNTLEY___63 23557	20.85 -0.71 0.00	19.45 -0.81 0.00	19.01 -0.67 0.00	18.73 -0.70 0.00	18.97 -0.96 0.00	21.33 -0.89 0.00	23.08 -0.65 2.13	22.65 -0.31 3.16	25.23 -0.38 1.80	24.32 -0.49 1.17	23.51 -0.84 0.42	21.53 -0.92 1.82	22.27 -0.99 0.41	20.76 -0.77 1.77	19.79 -0.88 2.45	19.45 -1.23 3.35	18.10 -1.23 5.78	19.09 -1.21 5.95	20.64 -1.01 4.21	21.39 -1.04 3.46	20.27 -0.89 4.91	19.25 -0.96 5.62	16.86 -1.20 5.43	15.60 -0.97 4.09
HUNTLEY___64 23558	20.85 -0.71 0.00	19.45 -0.81 0.00	19.01 -0.67 0.00	18.73 -0.70 0.00	18.97 -0.96 0.00	21.33 -0.89 0.00	23.08 -0.65 2.13	22.65 -0.31 3.16	25.23 -0.38 1.80	24.32 -0.49 1.17	23.51 -0.84 0.42	21.53 -0.92 1.82	22.27 -0.99 0.41	20.76 -0.77 1.77	19.79 -0.88 2.45	19.45 -1.23 3.35	18.10 -1.23 5.78	19.09 -1.21 5.95	20.64 -1.01 4.21	21.39 -1.04 3.46	20.27 -0.89 4.91	19.25 -0.96 5.62	16.86 -1.20 5.43	15.60 -0.97 4.09
HUNTLEY___65 23559	20.85 -0.71 0.00	19.45 -0.81 0.00	19.01 -0.67 0.00	18.73 -0.70 0.00	18.97 -0.96 0.00	21.33 -0.89 0.00	23.08 -0.65 2.13	22.65 -0.31 3.16	25.23 -0.38 1.80	24.32 -0.49 1.17	23.51 -0.84 0.42	21.53 -0.92 1.82	22.27 -0.99 0.41	20.76 -0.77 1.77	19.79 -0.88 2.45	19.45 -1.23 3.35	18.10 -1.23 5.78	19.09 -1.21 5.95	20.64 -1.01 4.21	21.39 -1.04 3.46	20.27 -0.89 4.91	19.25 -0.96 5.62	16.86 -1.20 5.43	15.60 -0.97 4.09
HUNTLEY___66 23560	20.85 -0.71 0.00	19.45 -0.81 0.00	19.01 -0.67 0.00	18.73 -0.70 0.00	18.97 -0.96 0.00	21.33 -0.89 0.00	23.08 -0.65 2.13	22.65 -0.31 3.16	25.23 -0.38 1.80	24.32 -0.49 1.17	23.51 -0.84 0.42	21.53 -0.92 1.82	22.27 -0.99 0.41	20.76 -0.77 1.77	19.79 -0.88 2.45	19.45 -1.23 3.35	18.10 -1.23 5.78	19.09 -1.21 5.95	20.64 -1.01 4.21	21.39 -1.04 3.46	20.27 -0.89 4.91	19.25 -0.96 5.62	16.86 -1.20 5.43	15.60 -0.97 4.09
HUNTLEY___67 23561	20.85 -0.71 0.00	19.45 -0.81 0.00	19.01 -0.67 0.00	18.73 -0.70 0.00	18.99 -0.94 0.00	21.33 -0.89 0.00	22.50 -0.88 2.48	21.76 -0.57 3.78	24.71 -0.63 2.07	23.89 -0.75 1.34	23.27 -1.02 0.48	21.04 -1.14 2.10	22.17 -1.04 0.47	20.26 -1.00 2.04	19.19 -1.11 2.82	18.73 -1.44 3.85	17.06 -1.41 6.64	18.02 -1.34 6.89	19.77 -1.14 4.94	20.55 -1.16 4.17	19.16 -1.04 5.86	18.23 -1.11 6.49	15.91 -1.32 6.26	14.82 -1.07 4.76
HUNTLEY___68 23562	20.85 -0.71 0.00	19.45 -0.81 0.00	19.01 -0.67 0.00	18.73 -0.70 0.00	18.99 -0.94 0.00	21.33 -0.89 0.00	22.50 -0.88 2.48	21.76 -0.57 3.78	24.71 -0.63 2.07	23.89 -0.75 1.34	23.27 -1.02 0.48	21.04 -1.14 2.10	22.17 -1.04 0.47	20.26 -1.00 2.04	19.19 -1.11 2.82	18.73 -1.44 3.85	17.06 -1.41 6.64	18.02 -1.34 6.89	19.77 -1.14 4.94	20.55 -1.16 4.17	19.16 -1.04 5.86	18.23 -1.11 6.49	15.91 -1.32 6.26	14.82 -1.07 4.76
HYLAND___LFGE 323620	22.34 0.78 0.00	21.13 0.87 0.00	20.31 0.63 0.00	20.04 0.60 0.00	20.35 0.42 0.00	22.93 0.71 0.00	37.17 1.22 -10.10	47.04 1.65 -19.28	36.12 1.59 -7.12	31.81 1.20 -4.63	27.09 0.67 -1.65	31.98 0.49 -7.22	25.70 0.40 -1.62	30.68 0.37 -7.02	33.09 0.25 -9.71	36.80 -0.46 -13.24	48.30 -0.23 -23.41	51.57 0.00 -25.32	46.79 0.34 -20.60	47.41 0.34 -21.19	54.47 0.55 -27.85	49.21 0.39 -22.99	45.67 0.00 -22.18	38.97 0.00 -18.31
INDECK___CORINTH 23802	22.96 1.40 0.00	21.61 1.36 0.00	21.00 1.32 0.00	20.74 1.30 0.00	21.32 1.39 0.00	23.71 1.49 0.00	29.98 2.14 -1.98	35.98 1.88 -7.98	29.43 2.03 0.00	27.52 1.53 0.00	25.96 1.19 0.00	25.44 1.17 0.00	24.77 1.09 0.00	24.37 1.07 0.00	24.19 1.06 0.00	25.29 1.27 0.00	26.47 1.36 0.00	29.22 1.84 -1.14	31.67 1.84 -3.99	36.00 1.86 -8.25	37.13 1.96 -9.11	27.67 1.83 0.00	25.03 1.55 0.00	23.79 1.28 -1.85
INDECK___ILION 23567	21.65 0.09 0.00	20.32 0.06 0.00	19.72 0.04 0.00	19.47 0.04 0.00	19.97 0.04 0.00	22.29 0.07 0.00	25.92 0.05 -0.01	26.32 0.16 -0.05	27.54 0.14 0.00	26.06 0.08 0.00	24.79 0.02 0.00	24.30 0.02 0.00	23.68 0.00 0.00	23.27 -0.02 0.00	23.13 0.00 0.00	24.00 -0.02 0.00	25.11 0.00 0.00	26.34 0.08 -0.01	25.87 0.00 -0.02	25.93 0.00 -0.05	26.12 0.00 -0.06	25.78 -0.05 0.00	23.37 -0.12 0.00	20.55 -0.12 -0.01
INDECK___OLEAN 23982	21.73 0.17 0.00	20.54 0.28 0.00	19.82 0.14 0.00	19.55 0.12 0.00	19.83 -0.10 0.00	22.29 0.07 0.00	24.86 -0.72 0.28	26.04 -0.39 -0.31	27.12 0.19 0.48	25.72 0.05 0.31	24.85 0.20 0.11	23.35 -0.44 0.49	23.62 0.05 0.11	22.29 -0.53 0.47	21.91 -0.56 0.66	22.26 -0.86 0.90	23.54 -0.68 0.90	25.38 0.39 1.27	25.91 0.57 0.51	26.72 0.62 -0.21	26.76 0.73 0.03	25.10 0.62 1.35	22.41 0.23 1.31	20.16 0.25 0.75
INDECK___OSWEGO 23783	21.20 -0.37 0.00	19.93 -0.32 0.00	19.34 -0.33 0.00	19.10 -0.33 0.00	19.55 -0.38 0.00	21.84 -0.36 0.00	25.67 -0.36 -0.17	26.56 -0.24 -0.68	27.19 -0.22 -0.01	25.67 -0.31 0.00	24.37 -0.40 0.00	23.86 -0.41 0.00	23.30 -0.38 0.00	22.92 -0.37 0.00	22.71 -0.42 0.00	23.54 -0.48 0.00	24.66 -0.45 0.00	25.96 -0.39 -0.10	25.80 -0.34 -0.28	26.16 -0.31 -0.59	26.45 -0.26 -0.65	25.50 -0.34 0.00	23.08 -0.40 0.00	20.48 -0.31 -0.13

INDECK___YERKES 23781	20.87 -0.69 0.00	19.79 -0.47 0.00	19.01 -0.67 0.00	18.75 -0.68 0.00	18.99 -0.94 0.00	21.33 -0.89 0.00	22.72 -0.62 2.52	21.88 -0.34 3.90	24.97 -0.36 2.08	24.17 -0.47 1.35	23.47 -0.82 0.48	21.27 -0.90 2.11	22.23 -0.97 0.47	20.50 -0.75 2.05	19.43 -0.86 2.84	18.95 -1.20 3.87	17.85 -1.20 6.06	18.95 -1.18 6.12	20.39 -1.01 4.46	21.03 -1.01 3.85	19.81 -0.89 5.37	19.12 -0.96 5.76	16.75 -1.17 5.56	15.43 -0.97 4.26
INDIAN POINT_GT_1 24139	23.42 1.85 0.00	21.96 1.70 0.00	21.39 1.71 0.00	21.16 1.73 0.00	21.74 1.81 0.00	24.18 1.96 0.00	29.84 2.43 -1.55	35.03 2.61 -6.30	30.34 2.93 0.00	28.32 2.34 0.00	26.78 2.01 0.00	26.19 1.92 0.00	25.50 1.82 0.00	25.09 1.79 0.00	24.91 1.78 0.00	26.04 2.02 0.00	27.27 2.16 0.00	29.95 2.81 -0.89	31.55 2.58 -3.11	34.84 2.51 -6.44	35.74 2.56 -7.12	28.31 2.48 0.00	25.62 2.14 0.00	23.90 1.80 -1.44
INDIAN POINT_GT_2 23659	23.42 1.85 0.00	21.96 1.70 0.00	21.39 1.71 0.00	21.16 1.73 0.00	21.74 1.81 0.00	24.18 1.96 0.00	29.84 2.43 -1.55	35.03 2.61 -6.30	30.34 2.93 0.00	28.32 2.34 0.00	26.78 2.01 0.00	26.19 1.92 0.00	25.50 1.82 0.00	25.09 1.79 0.00	24.91 1.78 0.00	26.04 2.02 0.00	27.27 2.16 0.00	29.95 2.81 -0.89	31.55 2.58 -3.11	34.84 2.51 -6.44	35.74 2.56 -7.12	28.31 2.48 0.00	25.62 2.14 0.00	23.90 1.80 -1.44
INDIAN POINT_GT_3 24019	23.42 1.85 0.00	21.96 1.70 0.00	21.39 1.71 0.00	21.16 1.73 0.00	21.74 1.81 0.00	24.18 1.96 0.00	29.84 2.43 -1.55	35.03 2.61 -6.30	30.34 2.93 0.00	28.32 2.34 0.00	26.78 2.01 0.00	26.19 1.92 0.00	25.50 1.82 0.00	25.09 1.79 0.00	24.91 1.78 0.00	26.04 2.02 0.00	27.27 2.16 0.00	29.95 2.81 -0.89	31.55 2.58 -3.11	34.84 2.51 -6.44	35.74 2.56 -7.12	28.31 2.48 0.00	25.62 2.14 0.00	23.90 1.80 -1.44
INDIAN POINT___2 23530	23.39 1.83 0.00	21.92 1.66 0.00	21.37 1.69 0.00	21.14 1.71 0.00	21.70 1.77 0.00	24.15 1.93 0.00	29.80 2.41 -1.54	34.96 2.59 -6.26	30.31 2.90 0.00	28.30 2.31 0.00	26.75 1.98 0.00	26.17 1.89 0.00	25.48 1.80 0.00	25.06 1.77 0.00	24.88 1.76 0.00	26.01 1.99 0.00	27.25 2.13 0.00	29.91 2.78 -0.88	31.50 2.56 -3.09	34.77 2.49 -6.40	35.66 2.53 -7.07	28.26 2.43 0.00	25.60 2.11 0.00	23.87 1.78 -1.43
INDIAN POINT___3 23531	23.39 1.83 0.00	22.02 1.76 0.00	21.37 1.69 0.00	21.12 1.69 0.00	21.70 1.77 0.00	24.13 1.91 0.00	29.88 2.40 -1.62	35.03 2.53 -6.38	30.36 2.91 -0.05	28.30 2.29 -0.03	26.74 1.96 -0.01	26.19 1.87 -0.05	25.46 1.78 -0.01	25.09 1.75 -0.05	24.92 1.73 -0.06	26.08 1.97 -0.09	27.40 2.13 -0.15	30.06 2.76 -1.05	31.65 2.53 -3.27	34.97 2.46 -6.62	35.89 2.48 -7.35	28.41 2.43 -0.15	25.71 2.09 -0.14	23.98 1.76 -1.57
INGHAM_C_115KV_TB7 356103	21.52 -0.04 0.00	20.15 -0.10 0.00	19.54 -0.14 0.00	19.28 -0.16 0.00	19.79 -0.14 0.00	22.09 -0.13 0.00	25.66 -0.21 -0.01	26.11 -0.05 -0.05	27.32 -0.08 0.00	25.91 -0.08 0.00	24.62 -0.15 0.00	24.13 -0.15 0.00	23.51 -0.17 0.00	23.09 -0.21 0.00	22.92 -0.21 0.00	23.76 -0.26 0.00	24.86 -0.25 0.00	26.07 -0.18 -0.01	25.56 -0.31 -0.02	25.60 -0.34 -0.05	25.75 -0.36 -0.06	25.42 -0.41 0.00	23.01 -0.47 0.00	20.24 -0.43 -0.01
IP CORINTH___1 23988	22.96 1.40 0.00	21.63 1.38 0.00	21.00 1.32 0.00	20.73 1.30 0.00	21.32 1.39 0.00	23.71 1.49 0.00	30.03 2.12 -2.05	36.12 1.85 -8.15	29.47 2.03 -0.03	27.54 1.53 -0.02	25.97 1.19 -0.01	25.47 1.17 -0.03	24.77 1.09 -0.01	24.40 1.07 -0.03	24.23 1.06 -0.04	25.35 1.27 -0.06	26.57 1.36 -0.10	29.34 1.84 -1.25	31.82 1.84 -4.13	36.23 1.89 -8.46	37.41 1.98 -9.36	27.76 1.83 -0.10	25.13 1.55 -0.09	23.89 1.28 -1.95
IP___TICONDEROGA 23804	23.89 2.33 0.00	22.50 2.25 0.00	21.82 2.15 0.00	21.53 2.10 0.00	22.20 2.27 0.00	24.62 2.40 0.00	31.26 3.36 -2.05	37.39 3.13 -8.14	30.67 3.23 -0.03	28.60 2.60 -0.02	26.83 2.06 -0.01	26.42 2.11 -0.03	25.67 1.99 -0.01	25.21 1.89 -0.03	25.09 1.92 -0.04	26.31 2.23 -0.06	27.52 2.31 -0.10	30.47 2.97 -1.25	32.97 3.00 -4.12	37.41 3.08 -8.44	38.64 3.23 -9.35	28.90 2.97 -0.10	26.14 2.56 -0.09	24.75 2.15 -1.95
ISLIP_RES_REC 323679	24.61 2.80 -0.24	22.83 2.57 0.00	22.20 2.52 0.00	22.35 2.58 -0.33	22.60 2.67 0.00	25.96 2.91 -0.83	35.54 3.72 -5.96	37.31 3.94 -7.24	34.70 4.36 -2.94	31.50 3.48 -2.03	30.27 2.85 -2.65	29.19 2.72 -2.19	27.89 2.63 -1.58	27.93 2.56 -2.08	27.86 2.54 -2.19	30.68 2.81 -3.85	31.84 3.06 -3.66	33.32 3.78 -3.29	35.49 3.54 -6.10	43.80 3.47 -14.44	45.63 3.49 -16.08	33.31 3.41 -4.07	30.89 3.17 -4.23	26.93 2.65 -3.63
JAMAICA__27_KV_LOAD 355505	23.70 2.13 0.00	22.26 2.01 0.00	21.59 1.91 0.00	21.34 1.90 0.00	21.94 2.01 0.00	24.40 2.18 0.00	30.25 2.77 -1.63	35.40 2.87 -6.41	30.85 3.40 -0.05	28.79 2.78 -0.03	27.03 2.25 -0.01	26.48 2.16 -0.05	25.77 2.08 -0.01	25.39 2.05 -0.05	25.25 2.06 -0.06	26.46 2.35 -0.09	27.77 2.51 -0.15	30.56 3.26 -1.05	32.08 2.95 -3.28	35.26 2.72 -6.65	36.15 2.71 -7.38	28.71 2.74 -0.14	26.14 2.51 -0.14	24.32 2.09 -1.57
JANIS___SOLAR 323808	22.66 1.10 0.00	21.29 1.03 0.00	20.60 0.93 0.00	20.38 0.95 0.00	20.84 0.92 0.00	23.37 1.15 0.00	28.54 1.53 -1.15	31.01 1.83 -3.07	29.80 1.95 -0.45	27.94 1.66 -0.29	26.21 1.34 -0.10	25.94 1.21 -0.45	25.01 1.23 -0.10	24.82 1.07 -0.45	24.91 1.16 -0.63	25.96 1.08 -0.86	27.89 1.26 -1.52	29.74 1.57 -1.92	29.79 1.63 -2.31	30.92 1.63 -3.40	31.83 1.72 -4.04	28.83 1.52 -1.47	26.03 1.13 -1.42	23.26 0.97 -1.63
JARVIS____ 23743	21.65 0.09 0.00	20.34 0.08 0.00	19.76 0.08 0.00	19.51 0.08 0.00	20.01 0.08 0.00	22.31 0.09 0.00	26.02 0.13 -0.03	26.37 0.13 -0.12	27.57 0.17 0.00	26.09 0.10 0.00	24.82 0.05 0.00	24.33 0.05 0.00	23.73 0.05 0.00	23.34 0.05 0.00	23.17 0.05 0.00	24.07 0.05 0.00	25.19 0.08 0.00	26.43 0.16 -0.02	26.01 0.10 -0.06	26.11 0.10 -0.12	26.33 0.13 -0.13	25.94 0.10 0.00	23.53 0.05 0.00	20.73 0.04 -0.03
JENNISON___1 23625	22.88 1.32 0.00	21.47 1.22 0.00	20.82 1.14 0.00	20.60 1.17 0.00	21.08 1.16 0.00	23.62 1.40 0.00	28.61 1.73 -1.02	31.76 2.06 -3.58	29.80 2.22 -0.18	27.97 1.87 -0.11	26.37 1.56 -0.04	25.86 1.41 -0.18	25.14 1.42 -0.04	24.75 1.28 -0.17	24.70 1.34 -0.24	25.69 1.35 -0.32	27.20 1.53 -0.56	29.27 1.97 -1.05	29.84 1.94 -2.05	31.53 1.92 -3.73	32.30 2.01 -4.23	28.21 1.83 -0.55	25.45 1.43 -0.53	23.02 1.20 -1.16
JENNISON___2 23626	22.88 1.32 0.00	21.47 1.22 0.00	20.82 1.14 0.00	20.60 1.17 0.00	21.08 1.16 0.00	23.62 1.40 0.00	28.61 1.73 -1.02	31.76 2.06 -3.58	29.80 2.22 -0.18	27.97 1.87 -0.11	26.37 1.56 -0.04	25.86 1.41 -0.18	25.14 1.42 -0.04	24.75 1.28 -0.17	24.70 1.34 -0.24	25.69 1.35 -0.32	27.20 1.53 -0.56	29.27 1.97 -1.05	29.84 1.94 -2.05	31.53 1.92 -3.73	32.30 2.01 -4.23	28.21 1.83 -0.55	25.45 1.43 -0.53	23.02 1.20 -1.16

JERICO_RISE_WT_PWR 323719	21.26 -0.30 0.00	19.91 -0.34 0.00	19.40 -0.28 0.00	19.10 -0.33 0.00	19.67 -0.26 0.00	21.89 -0.33 0.00	25.47 -0.39 0.00	25.67 -0.44 0.00	26.90 -0.44 0.06	25.91 -0.08 0.00	24.89 0.12 0.00	24.40 0.12 0.00	23.82 0.14 0.00	23.41 0.12 0.00	23.26 0.14 0.00	24.07 0.05 0.00	24.94 -0.17 0.00	25.65 -0.60 0.00	25.28 -0.57 0.00	25.24 -0.65 0.00	25.36 -0.70 0.00	25.21 -0.62 0.00	23.13 -0.35 0.00	20.35 -0.31 0.00
KATONAH__115KV_46KV_TB4 355592	23.48 1.92 0.00	22.10 1.84 0.00	21.45 1.77 0.00	21.22 1.79 0.00	21.78 1.85 0.00	24.24 2.02 0.00	29.98 2.48 -1.64	35.20 2.61 -6.47	30.44 2.99 -0.05	28.40 2.39 -0.03	26.81 2.03 -0.01	26.31 1.99 -0.05	25.54 1.85 -0.01	25.20 1.86 -0.04	25.01 1.83 -0.06	26.17 2.07 -0.08	27.44 2.18 -0.15	30.17 2.86 -1.06	31.82 2.66 -3.31	35.14 2.54 -6.72	36.09 2.58 -7.45	28.51 2.53 -0.14	25.76 2.14 -0.14	24.04 1.80 -1.59
KCE_NY_1 323755	22.98 1.42 0.00	21.63 1.38 0.00	21.06 1.38 0.00	20.77 1.34 0.00	21.34 1.42 0.00	23.73 1.51 0.00	29.90 2.07 -1.97	36.06 1.98 -7.96	29.55 2.14 0.00	27.60 1.61 0.00	26.08 1.31 0.00	25.54 1.26 0.00	24.86 1.18 0.00	24.48 1.19 0.00	24.30 1.18 0.00	25.39 1.37 0.00	26.57 1.46 0.00	29.30 1.92 -1.13	31.74 1.91 -3.97	36.05 1.94 -8.22	37.15 2.01 -9.08	27.72 1.88 0.00	25.10 1.62 0.00	23.88 1.38 -1.84
KCE_NY_6_ESR 323823	21.13 -0.43 0.00	20.01 -0.24 0.00	19.25 -0.43 0.00	18.97 -0.47 0.00	19.23 -0.70 0.00	21.60 -0.62 0.00	22.05 -0.75 3.05	20.79 -0.47 4.86	24.56 -0.36 2.48	23.90 -0.47 1.61	23.52 -0.67 0.58	20.86 -0.90 2.52	22.40 -0.71 0.57	20.06 -0.79 2.44	18.86 -0.88 3.39	18.20 -1.20 4.62	16.60 -1.15 7.36	17.91 -0.89 7.45	19.64 -0.72 5.49	20.32 -0.72 4.84	18.77 -0.60 6.70	18.18 -0.67 6.98	15.81 -0.94 6.74	14.69 -0.76 5.20
KEDC_PORT_JEFF_GT2 24210	24.50 2.69 -0.24	22.75 2.49 0.00	22.12 2.44 0.00	22.27 2.51 -0.33	22.52 2.59 0.00	25.85 2.80 -0.83	35.35 3.54 -5.96	37.12 3.76 -7.24	34.48 4.14 -2.94	31.32 3.30 -2.03	30.10 2.68 -2.65	29.04 2.57 -2.19	27.72 2.46 -1.58	27.79 2.42 -2.08	27.72 2.40 -2.19	30.54 2.67 -3.85	31.69 2.91 -3.66	33.16 3.62 -3.29	35.33 3.39 -6.10	43.64 3.31 -14.44	45.48 3.34 -16.08	33.16 3.25 -4.07	30.77 3.05 -4.23	26.83 2.54 -3.63
KEDC_PORT_JEFF_GT3 24211	24.50 2.69 -0.24	22.75 2.49 0.00	22.12 2.44 0.00	22.27 2.51 -0.33	22.52 2.59 0.00	25.85 2.80 -0.83	35.35 3.54 -5.96	37.12 3.76 -7.24	34.48 4.14 -2.94	31.32 3.30 -2.03	30.10 2.68 -2.65	29.04 2.57 -2.19	27.72 2.46 -1.58	27.79 2.42 -2.08	27.72 2.40 -2.19	30.54 2.67 -3.85	31.69 2.91 -3.66	33.16 3.62 -3.29	35.33 3.39 -6.10	43.64 3.31 -14.44	45.48 3.34 -16.08	33.16 3.25 -4.07	30.77 3.05 -4.23	26.83 2.54 -3.63
KEDC_GLWD_GT4 24219	24.09 2.28 -0.24	22.32 2.07 0.00	21.75 2.07 0.00	21.86 2.10 -0.33	22.12 2.19 0.00	25.43 2.38 -0.83	34.78 2.97 -5.96	36.52 3.16 -7.24	33.88 3.54 -2.94	30.90 2.88 -2.03	29.93 2.50 -2.65	28.87 2.40 -2.19	27.58 2.32 -1.58	27.65 2.28 -2.08	27.58 2.27 -2.19	30.39 2.52 -3.85	31.46 2.69 -3.66	32.90 3.36 -3.29	35.07 3.13 -6.10	43.38 3.05 -14.44	45.21 3.07 -16.08	32.90 3.00 -4.07	30.35 2.63 -4.23	26.50 2.21 -3.63
KEDC_GLWD_GT5 24220	24.09 2.28 -0.24	22.32 2.07 0.00	21.75 2.07 0.00	21.86 2.10 -0.33	22.12 2.19 0.00	25.43 2.38 -0.83	34.78 2.97 -5.96	36.52 3.16 -7.24	33.88 3.54 -2.94	30.90 2.88 -2.03	29.93 2.50 -2.65	28.87 2.40 -2.19	27.58 2.32 -1.58	27.65 2.28 -2.08	27.58 2.27 -2.19	30.39 2.52 -3.85	31.46 2.69 -3.66	32.90 3.36 -3.29	35.07 3.13 -6.10	43.38 3.05 -14.44	45.21 3.07 -16.08	32.90 3.00 -4.07	30.35 2.63 -4.23	26.50 2.21 -3.63
KENSICO____ 23655	23.46 1.90 0.00	22.10 1.84 0.00	21.45 1.77 0.00	21.20 1.77 0.00	21.78 1.85 0.00	24.20 1.98 0.00	29.96 2.48 -1.63	35.13 2.61 -6.41	30.47 3.01 -0.05	28.40 2.39 -0.03	26.84 2.06 -0.01	26.29 1.97 -0.05	25.56 1.87 -0.01	25.18 1.84 -0.05	25.01 1.83 -0.06	26.17 2.07 -0.09	27.50 2.24 -0.15	30.19 2.89 -1.05	31.79 2.66 -3.28	35.07 2.54 -6.65	36.02 2.58 -7.37	28.48 2.51 -0.14	25.81 2.18 -0.14	24.07 1.84 -1.57
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	23.55 1.98 0.00	22.10 1.84 0.00	21.45 1.77 0.00	21.22 1.79 0.00	21.78 1.85 0.00	24.31 2.09 0.00	29.87 2.43 -1.58	34.99 2.66 -6.21	30.34 2.88 -0.05	28.33 2.31 -0.03	26.74 1.96 -0.01	26.20 1.87 -0.05	25.49 1.80 -0.01	25.09 1.75 -0.05	24.95 1.76 -0.07	26.16 2.04 -0.09	27.53 2.26 -0.16	30.20 2.91 -1.04	31.75 2.71 -3.18	34.94 2.61 -6.44	35.95 2.74 -7.15	28.60 2.61 -0.16	25.84 2.21 -0.15	24.05 1.86 -1.53
KIAC_JFK_GT1 23816	23.60 2.03 -0.01	22.04 1.78 0.00	21.49 1.81 0.00	21.24 1.81 0.00	21.84 1.91 0.00	24.29 2.07 0.00	30.08 2.66 -1.56	35.19 2.74 -6.33	30.69 3.29 0.00	28.66 2.68 0.00	26.92 2.15 0.00	26.34 2.06 0.00	25.64 1.96 0.00	25.25 1.96 0.00	25.09 1.96 0.00	26.26 2.23 0.00	27.50 2.39 0.00	30.26 3.12 -0.89	31.77 2.79 -3.13	34.90 2.54 -6.47	35.74 2.53 -7.15	28.44 2.61 0.00	25.90 2.42 0.00	24.09 1.98 -1.45
KIAC_JFK_GT2 23817	23.60 2.03 -0.01	22.04 1.78 0.00	21.49 1.81 0.00	21.24 1.81 0.00	21.84 1.91 0.00	24.29 2.07 0.00	30.08 2.66 -1.56	35.19 2.74 -6.33	30.69 3.29 0.00	28.66 2.68 0.00	26.92 2.15 0.00	26.34 2.06 0.00	25.64 1.96 0.00	25.25 1.96 0.00	25.09 1.96 0.00	26.26 2.23 0.00	27.50 2.39 0.00	30.26 3.12 -0.89	31.77 2.79 -3.13	34.90 2.54 -6.47	35.74 2.53 -7.15	28.44 2.61 0.00	25.90 2.42 0.00	24.09 1.98 -1.45
KIAC_JFK____ 323774	23.60 2.03 -0.01	22.04 1.78 0.00	21.49 1.81 0.00	21.24 1.81 0.00	21.84 1.91 0.00	24.29 2.07 0.00	30.08 2.66 -1.56	35.19 2.74 -6.33	30.69 3.29 0.00	28.66 2.68 0.00	26.92 2.15 0.00	26.34 2.06 0.00	25.64 1.96 0.00	25.25 1.96 0.00	25.09 1.96 0.00	26.26 2.23 0.00	27.50 2.39 0.00	30.26 3.12 -0.89	31.77 2.79 -3.13	34.90 2.54 -6.47	35.74 2.53 -7.15	28.44 2.61 0.00	25.90 2.42 0.00	24.09 1.98 -1.45
KINTIGH____ 23543	20.89 -0.67 0.00	19.51 -0.75 0.00	19.05 -0.63 0.00	18.79 -0.64 0.00	19.07 -0.86 0.00	21.42 -0.80 0.00	24.10 -0.52 1.24	24.32 -0.21 1.58	25.83 -0.44 1.14	24.72 -0.52 0.74	23.56 -0.94 0.26	22.20 -0.92 1.16	22.47 -0.95 0.26	21.40 -0.77 1.12	20.67 -0.90 1.55	20.70 -1.20 2.12	20.28 -1.18 3.65	21.10 -1.39 3.76	22.14 -1.21 2.50	22.83 -1.24 1.81	22.25 -1.12 2.69	21.04 -1.19 3.60	18.62 -1.39 3.48	16.99 -1.14 2.53
KNTFSRNC_46_KV_46KV_LOAD 80397	21.50 -0.06 0.00	20.11 -0.14 0.00	19.62 -0.06 0.00	19.32 -0.12 0.00	19.89 -0.04 0.00	22.11 -0.11 0.00	25.84 -0.03 -0.01	26.00 -0.16 -0.04	27.36 0.00 0.05	26.30 0.31 0.00	25.22 0.45 0.00	24.69 0.41 0.00	24.13 0.45 0.00	23.71 0.42 0.00	23.59 0.46 0.00	24.38 0.36 0.00	25.26 0.15 0.00	25.99 -0.26 -0.01	25.66 -0.21 -0.02	25.62 -0.31 -0.04	25.74 -0.36 -0.05	25.52 -0.31 0.00	23.39 -0.09 0.00	20.57 -0.10 -0.01

LACHUTE____HYDRO 323717	23.89 2.33 0.00	22.48 2.23 0.00	21.82 2.15 0.00	21.53 2.10 0.00	22.20 2.27 0.00	24.62 2.40 0.00	31.19 3.36 -1.97	37.12 3.03 -7.97	30.64 3.23 0.00	28.58 2.60 0.00	26.82 2.05 0.00	26.39 2.11 0.00	25.67 1.99 0.00	25.18 1.89 0.00	25.02 1.90 0.00	26.26 2.23 0.00	27.42 2.31 0.00	30.35 2.97 -1.13	32.83 3.00 -3.98	37.15 3.03 -8.24	38.39 3.23 -9.10	28.80 2.97 0.00	26.04 2.56 0.00	24.65 2.15 -1.84
LAWRNCAV_115KV_TB1 80681	20.85 -0.71 0.00	19.57 -0.69 0.00	19.03 -0.65 0.00	18.75 -0.68 0.00	19.29 -0.64 0.00	21.49 -0.73 0.00	24.66 -1.22 -0.02	24.90 -1.31 -0.09	25.46 -1.73 0.22	24.87 -1.12 0.00	23.88 -0.89 0.00	23.55 -0.73 0.00	23.04 -0.64 0.00	22.64 -0.65 0.00	22.57 -0.56 0.00	23.37 -0.65 0.00	24.16 -0.95 0.00	24.92 -1.34 -0.01	24.60 -1.29 -0.04	24.65 -1.32 -0.09	24.78 -1.38 -0.10	24.51 -1.32 0.00	22.64 -0.85 0.00	19.92 -0.76 -0.02
LEDERLE____ 23769	23.46 1.90 0.00	22.08 1.82 0.00	21.43 1.75 0.00	21.18 1.75 0.00	21.76 1.83 0.00	24.22 2.00 0.00	29.94 2.48 -1.60	35.14 2.72 -6.31	30.52 3.07 -0.05	28.46 2.44 -0.03	26.91 2.13 -0.01	26.36 2.04 -0.05	25.63 1.94 -0.01	25.23 1.89 -0.05	25.09 1.90 -0.06	26.22 2.11 -0.09	27.55 2.29 -0.15	30.23 2.94 -1.04	31.80 2.71 -3.23	35.07 2.64 -6.55	35.96 2.63 -7.26	28.51 2.53 -0.15	25.81 2.18 -0.14	24.05 1.84 -1.55
LIGHTHSE_115KV_TB6 355974	21.30 -0.26 0.00	19.99 -0.26 0.00	19.40 -0.28 0.00	19.18 -0.25 0.00	19.63 -0.30 0.00	21.93 -0.29 0.00	25.75 -0.23 -0.13	26.56 -0.13 -0.57	27.27 -0.14 0.00	25.74 -0.23 0.01	24.44 -0.32 0.00	23.97 -0.29 0.02	23.39 -0.28 0.00	22.97 -0.30 0.02	22.80 -0.30 0.03	23.58 -0.41 0.04	24.65 -0.40 0.06	25.98 -0.29 -0.02	25.90 -0.21 -0.26	26.29 -0.18 -0.59	26.68 -0.03 -0.64	25.64 -0.13 0.06	23.19 -0.23 0.06	20.57 -0.19 -0.10
LINDEN COGEN____ 23786	23.60 2.03 -0.01	22.08 1.82 0.00	21.55 1.87 0.00	21.30 1.87 0.00	21.88 1.95 0.00	24.26 2.04 0.00	29.97 2.56 -1.56	35.22 2.77 -6.33	30.48 3.07 0.00	28.56 2.57 0.00	26.92 2.15 0.00	26.29 2.01 0.00	25.62 1.94 0.00	25.21 1.91 0.00	25.02 1.90 0.00	26.18 2.16 0.00	27.42 2.31 0.00	30.13 2.99 -0.89	31.69 2.71 -3.13	34.95 2.59 -6.47	35.82 2.61 -7.15	28.36 2.53 0.00	25.74 2.25 0.00	23.97 1.86 -1.45
LINDHRST_69_KV_BK1 356055	24.50 2.70 -0.24	22.83 2.57 0.00	22.10 2.42 0.00	22.25 2.49 -0.33	22.50 2.57 0.00	25.85 2.80 -0.83	35.42 3.54 -6.02	36.99 3.55 -7.32	34.55 4.17 -2.98	31.40 3.35 -2.06	30.28 2.85 -2.67	29.23 2.72 -2.24	27.87 2.60 -1.59	27.98 2.56 -2.12	27.90 2.52 -2.25	30.77 2.81 -3.94	31.96 3.04 -3.81	33.45 3.75 -3.45	35.62 3.52 -6.25	43.93 3.42 -14.63	45.83 3.47 -16.30	33.43 3.38 -4.22	30.93 3.08 -4.37	27.02 2.60 -3.75
LIPA_MISC_IPP 23656	24.41 2.61 -0.24	22.77 2.51 0.00	22.06 2.38 0.00	22.21 2.45 -0.33	22.44 2.51 0.00	25.76 2.71 -0.83	35.22 3.34 -6.02	36.84 3.40 -7.32	34.36 3.97 -2.98	31.14 3.09 -2.06	29.86 2.43 -2.67	28.82 2.31 -2.24	27.49 2.23 -1.59	27.61 2.19 -2.12	27.55 2.17 -2.25	30.38 2.43 -3.94	31.58 2.66 -3.81	33.03 3.33 -3.45	35.23 3.13 -6.25	43.49 2.98 -14.63	45.39 3.02 -16.30	33.05 3.00 -4.22	30.67 2.82 -4.37	26.75 2.33 -3.75
LISF____SOLAR 323691	24.46 2.65 -0.24	22.71 2.45 0.00	22.08 2.40 0.00	22.23 2.47 -0.33	22.48 2.55 0.00	25.80 2.75 -0.83	35.17 3.36 -5.96	36.97 3.61 -7.24	34.32 3.97 -2.94	31.14 3.12 -2.03	29.85 2.43 -2.65	28.78 2.31 -2.19	27.48 2.23 -1.58	27.56 2.19 -2.08	27.49 2.17 -2.19	30.30 2.43 -3.85	31.43 2.66 -3.66	32.87 3.33 -3.29	35.07 3.13 -6.10	43.36 3.03 -14.44	45.19 3.05 -16.08	32.90 3.00 -4.07	30.53 2.82 -4.23	26.62 2.33 -3.63
LITTLE FALLS____HYD 24013	21.52 -0.04 0.00	20.15 -0.10 0.00	19.54 -0.14 0.00	19.28 -0.16 0.00	19.79 -0.14 0.00	22.09 -0.13 0.00	25.66 -0.21 -0.01	26.11 -0.05 -0.05	27.32 -0.08 0.00	25.91 -0.08 0.00	24.62 -0.15 0.00	24.13 -0.15 0.00	23.51 -0.17 0.00	23.09 -0.21 0.00	22.92 -0.21 0.00	23.76 -0.26 0.00	24.86 -0.25 0.00	26.07 -0.18 -0.01	25.56 -0.31 -0.02	25.60 -0.34 -0.05	25.75 -0.36 -0.06	25.42 -0.41 0.00	23.01 -0.47 0.00	20.24 -0.43 -0.01
LITTLRIV_115KV_TB1 356100	21.02 -0.54 0.00	19.71 -0.55 0.00	19.17 -0.51 0.00	18.89 -0.54 0.00	19.43 -0.50 0.00	21.66 -0.56 0.00	24.87 -1.01 -0.02	25.16 -1.04 -0.09	25.68 -1.51 0.22	25.08 -0.91 0.00	24.05 -0.72 0.00	23.72 -0.56 0.00	23.20 -0.47 0.00	22.78 -0.51 0.00	22.73 -0.39 0.00	23.54 -0.48 0.00	24.33 -0.78 0.00	25.11 -1.16 -0.01	24.81 -1.09 -0.05	24.87 -1.11 -0.09	25.00 -1.17 -0.10	24.72 -1.11 0.00	22.78 -0.70 0.00	20.04 -0.64 -0.02
LI_NEWBRDGE____DRP 323616	24.15 2.35 -0.24	22.50 2.25 0.00	21.80 2.13 0.00	21.94 2.18 -0.33	22.18 2.25 0.00	25.49 2.44 -0.83	34.96 3.08 -6.02	36.57 3.13 -7.32	34.06 3.67 -2.98	30.98 2.94 -2.06	29.91 2.48 -2.67	28.89 2.38 -2.24	27.54 2.27 -1.59	27.65 2.24 -2.12	27.60 2.22 -2.25	30.43 2.47 -3.94	31.58 2.66 -3.81	33.03 3.33 -3.45	35.20 3.10 -6.25	43.49 2.98 -14.63	45.39 3.02 -16.30	33.02 2.97 -4.22	30.53 2.68 -4.37	26.69 2.27 -3.75
LOCKPORT_115KV_TB60_63_64 80432	20.74 -0.82 0.00	19.34 -0.91 0.00	18.89 -0.79 0.00	18.64 -0.80 0.00	18.87 -1.06 0.00	21.22 -1.00 0.00	23.30 -0.72 1.83	23.07 -0.42 2.63	25.33 -0.52 1.56	24.33 -0.65 1.01	23.41 -0.99 0.37	21.65 -1.04 1.58	22.33 -0.99 0.36	20.85 -0.91 1.54	19.97 -1.02 2.13	19.76 -1.35 2.92	18.73 -1.33 5.05	19.79 -1.39 5.07	21.11 -1.21 3.52	21.84 -1.24 2.80	20.97 -1.07 4.02	19.86 -1.16 4.81	17.48 -1.36 4.64	16.10 -1.09 3.47
LOCKPORT____CC1 323769	20.74 -0.82 0.00	19.69 -0.57 0.00	18.91 -0.77 0.00	18.64 -0.80 0.00	18.89 -1.04 0.00	21.22 -1.00 0.00	22.76 -0.75 2.35	22.01 -0.50 3.61	24.88 -0.58 1.95	24.02 -0.70 1.26	23.28 -1.04 0.45	21.21 -1.09 1.97	22.22 -1.02 0.44	20.42 -0.96 1.91	19.41 -1.06 2.66	19.00 -1.39 3.62	18.09 -1.38 5.64	19.16 -1.44 5.65	20.51 -1.24 4.10	21.10 -1.27 3.52	20.03 -1.12 4.91	19.32 -1.19 5.32	16.96 -1.39 5.14	15.59 -1.14 3.93
LOCKPORT____CC2 323770	20.74 -0.82 0.00	19.69 -0.57 0.00	18.91 -0.77 0.00	18.64 -0.80 0.00	18.89 -1.04 0.00	21.22 -1.00 0.00	22.76 -0.75 2.35	22.01 -0.50 3.61	24.88 -0.58 1.95	24.02 -0.70 1.26	23.28 -1.04 0.45	21.21 -1.09 1.97	22.22 -1.02 0.44	20.42 -0.96 1.91	19.41 -1.06 2.66	19.00 -1.39 3.62	18.09 -1.38 5.64	19.16 -1.44 5.65	20.51 -1.24 4.10	21.10 -1.27 3.52	20.03 -1.12 4.91	19.32 -1.19 5.32	16.96 -1.39 5.14	15.59 -1.14 3.93
LOCKPORT____CC3 323771	20.74 -0.82 0.00	19.69 -0.57 0.00	18.91 -0.77 0.00	18.64 -0.80 0.00	18.89 -1.04 0.00	21.22 -1.00 0.00	22.76 -0.75 2.35	22.01 -0.50 3.61	24.88 -0.58 1.95	24.02 -0.70 1.26	23.28 -1.04 0.45	21.21 -1.09 1.97	22.22 -1.02 0.44	20.42 -0.96 1.91	19.41 -1.06 2.66	19.00 -1.39 3.62	18.09 -1.38 5.64	19.16 -1.44 5.65	20.51 -1.24 4.10	21.10 -1.27 3.52	20.03 -1.12 4.91	19.32 -1.19 5.32	16.96 -1.39 5.14	15.59 -1.14 3.93

LONG_LAKE_PHOENIX 24014	21.26 -0.30 0.00	19.95 -0.30 0.00	19.40 -0.28 0.00	19.16 -0.27 0.00	19.61 -0.32 0.00	21.91 -0.31 0.00	25.77 -0.23 -0.14	26.68 -0.08 -0.64	27.31 -0.08 0.02	25.81 -0.16 0.01	24.52 -0.25 0.00	23.96 -0.29 0.02	23.41 -0.26 0.00	23.02 -0.26 0.02	22.80 -0.30 0.03	23.62 -0.36 0.04	24.74 -0.30 0.07	26.04 -0.24 -0.02	25.96 -0.18 -0.29	26.36 -0.18 -0.66	26.65 -0.13 -0.71	25.56 -0.21 0.07	23.14 -0.28 0.06	20.56 -0.21 -0.11
LOVETT___3 23632	23.37 1.81 0.00	22.00 1.74 0.00	21.35 1.67 0.00	21.12 1.69 0.00	21.68 1.75 0.00	24.13 1.91 0.00	29.84 2.38 -1.60	34.94 2.51 -6.32	30.33 2.88 -0.05	28.28 2.26 -0.03	26.74 1.96 -0.01	26.17 1.85 -0.05	25.47 1.78 -0.01	25.06 1.72 -0.05	24.92 1.73 -0.06	26.05 1.95 -0.09	27.37 2.11 -0.15	30.05 2.76 -1.04	31.62 2.53 -3.24	34.87 2.43 -6.56	35.81 2.48 -7.27	28.38 2.40 -0.15	25.72 2.09 -0.14	23.97 1.76 -1.55
LOVETT___4 23642	23.37 1.81 0.00	22.00 1.74 0.00	21.35 1.67 0.00	21.12 1.69 0.00	21.68 1.75 0.00	24.13 1.91 0.00	29.84 2.38 -1.60	34.94 2.51 -6.32	30.33 2.88 -0.05	28.28 2.26 -0.03	26.74 1.96 -0.01	26.17 1.85 -0.05	25.47 1.78 -0.01	25.06 1.72 -0.05	24.92 1.73 -0.06	26.05 1.95 -0.09	27.37 2.11 -0.15	30.05 2.76 -1.04	31.62 2.53 -3.24	34.87 2.43 -6.56	35.81 2.48 -7.27	28.38 2.40 -0.15	25.72 2.09 -0.14	23.97 1.76 -1.55
LOVETT___5 23593	23.37 1.81 0.00	22.00 1.74 0.00	21.35 1.67 0.00	21.12 1.69 0.00	21.68 1.75 0.00	24.13 1.91 0.00	29.84 2.38 -1.60	34.94 2.51 -6.32	30.33 2.88 -0.05	28.28 2.26 -0.03	26.74 1.96 -0.01	26.17 1.85 -0.05	25.47 1.78 -0.01	25.06 1.72 -0.05	24.92 1.73 -0.06	26.05 1.95 -0.09	27.37 2.11 -0.15	30.05 2.76 -1.04	31.62 2.53 -3.24	34.87 2.43 -6.56	35.81 2.48 -7.27	28.38 2.40 -0.15	25.72 2.09 -0.14	23.97 1.76 -1.55
LOWER RAQUET___HYD 24057	20.70 -0.86 0.00	19.41 -0.85 0.00	18.89 -0.79 0.00	18.62 -0.82 0.00	19.15 -0.78 0.00	21.33 -0.89 0.00	24.52 -1.37 -0.03	24.71 -1.52 -0.11	25.29 -1.89 0.23	24.71 -1.27 0.00	23.73 -1.04 0.00	23.40 -0.87 0.00	22.87 -0.81 0.00	22.48 -0.82 0.00	22.43 -0.69 0.00	23.23 -0.79 0.00	23.98 -1.13 0.00	24.74 -1.52 -0.02	24.40 -1.45 0.00	24.38 -1.50 0.00	24.53 -1.54 0.00	24.33 -1.50 0.00	22.47 -1.01 0.00	19.73 -0.93 0.00
LOWER___HUDSON 24059	22.77 1.21 0.00	21.45 1.19 0.00	20.90 1.22 0.00	20.66 1.23 0.00	21.18 1.26 0.00	23.58 1.36 0.00	29.54 1.76 -1.93	35.65 1.75 -7.79	29.35 1.95 0.00	27.23 1.25 0.00	25.76 0.99 0.00	25.22 0.95 0.00	24.56 0.88 0.00	24.18 0.88 0.00	24.00 0.88 0.00	25.05 1.03 0.00	26.27 1.16 0.00	28.94 1.57 -1.11	31.32 1.58 -3.89	35.54 1.61 -8.05	36.60 1.64 -8.89	27.41 1.58 0.00	24.80 1.31 0.00	23.57 1.11 -1.80
LOWVILLE_115KV_TB2 356335	21.54 -0.02 0.00	20.20 -0.06 0.00	19.60 -0.08 0.00	19.37 -0.06 0.00	19.87 -0.06 0.00	22.24 0.02 0.00	26.06 0.13 -0.07	26.67 0.26 -0.30	27.58 0.14 -0.04	26.06 0.08 0.00	24.72 -0.05 0.00	24.25 -0.02 0.00	23.63 -0.05 0.00	23.22 -0.07 0.00	23.12 0.00 0.00	23.97 -0.05 0.01	25.03 -0.08 0.01	26.31 0.03 -0.03	26.05 0.05 -0.14	26.27 0.08 -0.31	26.56 0.16 -0.34	25.87 0.05 0.01	23.48 0.00 0.01	20.68 -0.04 -0.06
LUTHERFT_115KV_GLOB_FND_222 355753	22.98 1.42 0.00	21.65 1.40 0.00	21.04 1.36 0.00	20.77 1.34 0.00	21.34 1.41 0.00	23.73 1.51 0.00	29.94 2.04 -2.04	36.20 1.96 -8.12	29.58 2.14 -0.03	27.59 1.59 -0.02	26.06 1.29 -0.01	25.57 1.26 -0.03	24.87 1.18 -0.01	24.49 1.16 -0.03	24.35 1.18 -0.04	25.42 1.35 -0.06	26.67 1.46 -0.10	29.39 1.89 -1.25	31.85 1.89 -4.12	36.25 1.94 -8.42	37.37 1.98 -9.33	27.81 1.89 -0.10	25.20 1.62 -0.09	23.96 1.36 -1.94
LUTHERNY_35_KV_BK2 355980	22.98 1.42 0.00	21.67 1.42 0.00	21.06 1.38 0.00	20.77 1.34 0.00	21.34 1.41 0.00	23.73 1.51 0.00	29.94 2.04 -2.04	36.22 1.98 -8.12	29.58 2.14 -0.03	27.62 1.61 -0.02	26.09 1.31 -0.01	25.57 1.26 -0.03	24.87 1.18 -0.01	24.51 1.19 -0.03	24.35 1.18 -0.04	25.45 1.37 -0.06	26.67 1.46 -0.10	29.42 1.92 -1.25	31.88 1.91 -4.12	36.25 1.94 -8.42	37.40 2.01 -9.33	27.81 1.89 -0.10	25.20 1.62 -0.09	23.99 1.38 -1.94
LWR___OSWEGATCHIE_HYD 23850	20.92 -0.65 0.00	19.63 -0.63 0.00	19.07 -0.61 0.00	18.83 -0.60 0.00	19.33 -0.60 0.00	21.58 -0.64 0.00	24.87 -1.03 -0.04	25.22 -1.07 -0.18	25.74 -1.40 0.27	25.00 -0.99 0.00	23.85 -0.92 0.00	23.50 -0.78 0.00	22.94 -0.73 0.00	22.55 -0.75 0.00	22.48 -0.65 0.00	23.28 -0.74 0.00	24.13 -0.98 0.00	25.07 -1.21 -0.03	24.80 -1.14 -0.09	24.93 -1.14 -0.18	25.12 -1.15 -0.20	24.67 -1.16 0.00	22.66 -0.82 0.00	19.94 -0.76 -0.04
LYONS_FALL_HYD 23570	21.71 0.15 0.00	20.38 0.12 0.00	19.78 0.10 0.00	19.55 0.12 0.00	20.03 0.10 0.00	22.42 0.20 0.00	26.22 0.28 -0.08	26.81 0.37 -0.32	27.82 0.38 -0.03	26.27 0.29 0.00	24.92 0.15 0.00	24.45 0.17 0.00	23.85 0.17 0.00	23.41 0.12 0.00	23.29 0.16 0.00	24.14 0.12 0.00	25.24 0.13 0.00	26.53 0.24 -0.05	26.25 0.26 -0.14	26.43 0.26 -0.29	26.69 0.31 -0.32	26.04 0.21 0.00	23.60 0.12 0.00	20.79 0.06 -0.06
MADISON___COUNTY_LFGE 323628	22.10 0.54 0.00	20.74 0.49 0.00	20.15 0.47 0.00	19.92 0.49 0.00	20.39 0.46 0.00	22.82 0.60 0.00	26.74 0.75 -0.14	27.81 1.18 -0.51	28.58 1.15 -0.02	26.93 0.94 -0.01	25.49 0.72 0.00	24.97 0.68 -0.01	24.39 0.71 0.00	23.93 0.63 -0.01	23.79 0.65 -0.01	24.67 0.62 -0.02	25.75 0.60 -0.03	27.14 0.79 -0.11	26.90 0.78 -0.27	27.20 0.78 -0.53	27.50 0.83 -0.60	26.59 0.72 -0.03	24.01 0.49 -0.03	21.21 0.41 -0.14
MALONE___115KV_TB1 356076	21.26 -0.30 0.00	19.91 -0.34 0.00	19.40 -0.28 0.00	19.10 -0.33 0.00	19.67 -0.26 0.00	21.89 -0.33 0.00	25.46 -0.41 -0.01	25.68 -0.50 -0.05	26.79 -0.52 0.09	25.88 -0.10 0.00	24.82 0.05 0.00	24.35 0.07 0.00	23.80 0.12 0.00	23.39 0.09 0.00	23.26 0.14 0.00	24.07 0.05 0.00	24.91 -0.20 0.00	25.63 -0.63 -0.01	25.31 -0.57 -0.03	25.29 -0.65 -0.06	25.42 -0.70 -0.06	25.16 -0.67 0.00	23.13 -0.35 0.00	20.34 -0.33 -0.01
MAPLEWOD_115KV_TB3 80458	22.86 1.29 0.00	21.57 1.32 0.00	20.96 1.28 0.00	20.72 1.28 0.00	21.26 1.34 0.00	23.64 1.42 0.00	29.69 1.86 -1.97	35.79 1.83 -7.84	29.50 2.06 -0.03	27.33 1.33 -0.02	25.84 1.07 -0.01	25.35 1.04 -0.03	24.63 0.95 -0.01	24.31 0.98 -0.03	24.16 0.99 -0.05	25.24 1.15 -0.06	26.47 1.26 -0.11	29.17 1.71 -1.22	31.51 1.68 -3.98	35.73 1.71 -8.13	36.82 1.75 -9.01	27.59 1.65 -0.10	24.99 1.41 -0.10	23.72 1.18 -1.88
MAPLE RIDGE_WT_1 323574	21.15 -0.41 0.00	19.69 -0.57 0.00	18.99 -0.69 0.00	18.69 -0.74 0.00	19.21 -0.72 0.00	21.44 -0.78 0.00	24.90 -0.96 0.00	25.15 -0.97 0.00	26.47 -0.93 0.01	25.36 -0.62 0.00	24.32 -0.45 0.00	23.89 -0.39 0.00	23.30 -0.38 0.00	22.92 -0.37 0.00	22.75 -0.37 0.00	23.61 -0.41 0.00	24.61 -0.50 0.00	25.57 -0.68 0.00	25.18 -0.67 0.00	25.11 -0.78 0.00	25.18 -0.89 0.00	24.93 -0.90 0.00	22.71 -0.77 0.00	19.94 -0.72 0.00

MAPLE_RIDGE_WT_2 323611	21.15 -0.41 0.00	19.69 -0.57 0.00	18.99 -0.69 0.00	18.69 -0.74 0.00	19.21 -0.72 0.00	21.44 -0.78 0.00	24.90 -0.96 0.00	25.15 -0.97 0.00	26.47 -0.93 0.01	25.36 -0.62 0.00	24.32 -0.45 0.00	23.89 -0.39 0.00	23.30 -0.38 0.00	22.92 -0.37 0.00	22.75 -0.37 0.00	23.61 -0.41 0.00	24.61 -0.50 0.00	25.57 -0.68 0.00	25.18 -0.67 0.00	25.11 -0.78 0.00	25.18 -0.89 0.00	24.93 -0.90 0.00	22.71 -0.77 0.00	19.94 -0.72 0.00
MARBLE_RIVER_WT_PWR 323696	21.33 -0.24 0.00	19.95 -0.30 0.00	19.44 -0.24 0.00	19.16 -0.27 0.00	19.71 -0.22 0.00	21.93 -0.29 0.00	25.55 -0.31 0.00	25.78 -0.34 0.00	27.01 -0.36 0.04	26.01 0.03 0.00	24.94 0.17 0.00	24.45 0.17 0.00	23.89 0.21 0.00	23.46 0.16 0.00	23.31 0.18 0.00	24.12 0.10 0.00	24.99 -0.12 0.00	25.73 -0.52 0.00	25.36 -0.49 0.00	25.32 -0.57 0.00	25.44 -0.63 0.00	25.29 -0.54 0.00	23.18 -0.31 0.00	20.39 -0.27 0.00
MARSHVLE_115KV_TB1 80742	23.03 1.47 0.00	21.63 1.38 0.00	20.98 1.30 0.00	20.72 1.28 0.00	21.32 1.39 0.00	23.78 1.56 0.00	30.52 2.22 -2.44	37.97 2.17 -9.68	29.81 2.36 -0.04	27.93 1.92 -0.03	26.39 1.61 -0.01	25.94 1.63 -0.04	25.20 1.52 -0.01	24.78 1.44 -0.04	24.64 1.46 -0.06	25.71 1.61 -0.08	27.08 1.83 -0.13	30.09 2.34 -1.50	33.09 2.33 -4.91	38.28 2.36 -10.04	39.69 2.50 -11.12	28.39 2.43 -0.13	25.67 2.07 -0.12	24.72 1.74 -2.32
MARSH_HILL_WT_PWR 323713	21.99 0.43 0.00	20.74 0.49 0.00	19.99 0.31 0.00	19.72 0.29 0.00	20.05 0.12 0.00	22.51 0.29 0.00	36.26 0.36 -10.04	46.07 0.68 -19.27	35.33 0.88 -7.05	31.21 0.65 -4.58	26.80 0.40 -1.64	31.54 0.12 -7.14	25.51 0.24 -1.60	30.30 0.07 -6.94	32.68 -0.05 -9.61	36.71 -0.41 -13.10	47.91 -0.28 -23.07	51.20 0.11 -24.84	46.40 0.23 -20.31	47.14 0.23 -21.02	53.96 0.31 -27.59	48.51 0.16 -22.53	45.08 -0.14 -21.74	38.54 -0.12 -18.00
MCINTYRE_115KV_TB2 80467	21.26 -0.30 0.00	19.93 -0.32 0.00	19.38 -0.30 0.00	19.10 -0.33 0.00	19.65 -0.28 0.00	21.91 -0.31 0.00	25.18 -0.70 -0.02	25.42 -0.78 -0.08	26.01 -1.18 0.22	25.39 -0.60 0.00	24.37 -0.40 0.00	24.01 -0.27 0.00	23.49 -0.19 0.00	23.06 -0.23 0.00	23.03 -0.09 0.00	23.83 -0.19 0.00	24.66 -0.45 0.00	25.45 -0.81 -0.01	25.14 -0.75 -0.04	25.19 -0.78 -0.09	25.35 -0.81 -0.10	25.06 -0.77 0.00	23.11 -0.38 0.00	20.31 -0.37 -0.02
MECO____69_KV_BK1 80468	23.83 2.26 0.00	22.40 2.15 0.00	21.69 2.01 0.00	21.40 1.96 0.00	22.06 2.13 0.00	24.58 2.36 0.00	31.04 2.87 -2.32	38.33 3.00 -9.21	30.24 2.80 -0.04	28.30 2.29 -0.02	26.69 1.91 -0.01	26.26 1.94 -0.04	25.49 1.80 -0.01	25.06 1.72 -0.04	24.84 1.67 -0.05	26.01 1.92 -0.07	27.47 2.24 -0.12	30.51 2.84 -1.42	33.29 2.77 -4.67	38.24 2.80 -9.56	39.62 2.97 -10.58	28.76 2.82 -0.12	25.99 2.40 -0.11	24.87 2.00 -2.21
MENANDS__115KV_TB5 355628	22.53 0.97 0.00	21.31 1.05 0.00	20.70 1.02 0.00	20.46 1.03 0.00	21.00 1.08 0.00	23.31 1.09 0.00	29.25 1.42 -1.97	35.37 1.41 -7.84	29.08 1.64 -0.03	26.97 0.96 -0.02	25.50 0.72 -0.01	25.01 0.70 -0.03	24.33 0.64 -0.01	24.00 0.68 -0.03	23.84 0.67 -0.04	24.90 0.82 -0.06	26.12 0.90 -0.11	28.78 1.31 -1.22	31.15 1.32 -3.98	35.34 1.32 -8.14	36.40 1.33 -9.01	27.18 1.24 -0.10	24.64 1.06 -0.10	23.43 0.89 -1.88
MG INDUSTRY__DRP 24185	22.47 0.91 0.00	21.21 0.95 0.00	20.60 0.92 0.00	20.37 0.93 0.00	20.90 0.98 0.00	23.22 1.00 0.00	29.06 1.29 -1.91	34.96 1.25 -7.59	28.87 1.43 -0.04	26.92 0.91 -0.02	25.45 0.67 -0.01	24.97 0.66 -0.04	24.30 0.62 -0.01	23.96 0.63 -0.03	23.80 0.62 -0.05	24.86 0.77 -0.06	26.08 0.85 -0.11	28.70 1.26 -1.19	30.97 1.27 -3.85	35.03 1.27 -7.87	36.09 1.30 -8.72	27.18 1.24 -0.11	24.67 1.08 -0.11	23.39 0.91 -1.83
MID__OSWEGATCHIE_HYD 23849	20.92 -0.65 0.00	19.63 -0.63 0.00	19.07 -0.61 0.00	18.83 -0.60 0.00	19.33 -0.60 0.00	21.58 -0.64 0.00	24.87 -1.03 -0.04	25.22 -1.07 -0.18	25.74 -1.40 0.27	25.00 -0.99 0.00	23.85 -0.92 0.00	23.50 -0.78 0.00	22.94 -0.73 0.00	22.55 -0.75 0.00	22.48 -0.65 0.00	23.28 -0.74 0.00	24.13 -0.98 0.00	25.07 -1.21 -0.03	24.80 -1.14 -0.09	24.93 -1.14 -0.18	25.12 -1.15 -0.20	24.67 -1.16 0.00	22.66 -0.82 0.00	19.94 -0.76 -0.04
MID__RAQUETTE_HYD 23851	20.70 -0.86 0.00	19.43 -0.83 0.00	18.89 -0.79 0.00	18.62 -0.82 0.00	19.15 -0.78 0.00	21.33 -0.89 0.00	24.51 -1.37 -0.02	24.75 -1.46 -0.10	25.29 -1.89 0.22	24.71 -1.27 0.00	23.73 -1.04 0.00	23.40 -0.87 0.00	22.87 -0.81 0.00	22.48 -0.82 0.00	22.43 -0.69 0.00	23.23 -0.79 0.00	23.98 -1.13 0.00	24.74 -1.52 -0.01	24.45 -1.45 -0.05	24.48 -1.50 -0.10	24.64 -1.54 -0.11	24.33 -1.50 0.00	22.47 -1.01 0.00	19.75 -0.93 -0.02
MILLIKEN__1 23584	22.23 0.67 0.00	20.84 0.59 0.00	20.27 0.59 0.00	20.02 0.58 0.00	20.49 0.56 0.00	22.91 0.69 0.00	27.77 0.96 -0.95	30.01 1.25 -2.63	29.13 1.32 -0.40	27.31 1.07 -0.26	25.73 0.87 -0.09	25.46 0.78 -0.41	24.55 0.78 -0.09	24.41 0.72 -0.39	24.37 0.69 -0.55	25.41 0.65 -0.74	27.15 0.75 -1.29	28.83 0.97 -1.61	28.80 1.03 -1.91	29.68 1.01 -2.78	30.48 1.09 -3.32	28.05 0.96 -1.26	25.38 0.68 -1.22	22.62 0.60 -1.37
MILLIKEN__2 23585	22.23 0.67 0.00	20.84 0.59 0.00	20.27 0.59 0.00	20.02 0.58 0.00	20.49 0.56 0.00	22.91 0.69 0.00	27.77 0.96 -0.95	30.01 1.25 -2.63	29.13 1.32 -0.40	27.31 1.07 -0.26	25.73 0.87 -0.09	25.46 0.78 -0.41	24.55 0.78 -0.09	24.41 0.72 -0.39	24.37 0.69 -0.55	25.41 0.65 -0.74	27.15 0.75 -1.29	28.83 0.97 -1.61	28.80 1.03 -1.91	29.68 1.01 -2.78	30.48 1.09 -3.32	28.05 0.96 -1.26	25.38 0.68 -1.22	22.62 0.60 -1.37
MILLIKEN__DIESEL 23629	22.23 0.67 0.00	20.84 0.59 0.00	20.27 0.59 0.00	20.02 0.58 0.00	20.49 0.56 0.00	22.91 0.69 0.00	27.77 0.96 -0.95	30.01 1.25 -2.63	29.13 1.32 -0.40	27.31 1.07 -0.26	25.73 0.87 -0.09	25.46 0.78 -0.41	24.55 0.78 -0.09	24.41 0.72 -0.39	24.37 0.69 -0.55	25.41 0.65 -0.74	27.15 0.75 -1.29	28.83 0.97 -1.61	28.80 1.03 -1.91	29.68 1.01 -2.78	30.48 1.09 -3.32	28.05 0.96 -1.26	25.38 0.68 -1.22	22.62 0.60 -1.37
MILLSEAT__LFGE 323607	21.43 -0.13 0.00	20.32 0.06 0.00	19.48 -0.20 0.00	19.22 -0.21 0.00	19.49 -0.44 0.00	21.95 -0.27 0.00	24.43 0.13 1.56	24.45 0.52 2.19	26.46 0.41 1.36	25.34 0.23 0.88	24.28 -0.17 0.32	22.65 -0.24 1.38	23.13 -0.24 0.31	21.79 -0.16 1.34	20.97 -0.30 1.86	20.91 -0.58 2.53	20.89 -0.48 3.74	22.05 -0.55 3.65	22.95 -0.36 2.53	23.50 -0.39 1.99	22.95 -0.24 2.87	22.04 -0.31 3.49	19.49 -0.63 3.36	17.64 -0.52 2.50
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	23.42 1.85 0.00	22.04 1.78 0.00	21.41 1.73 0.00	21.16 1.73 0.00	21.74 1.81 0.00	24.18 1.96 0.00	29.91 2.43 -1.63	35.08 2.56 -6.41	30.39 2.93 -0.05	28.35 2.34 -0.03	26.79 2.01 -0.01	26.24 1.92 -0.05	25.51 1.82 -0.01	25.13 1.79 -0.05	24.97 1.78 -0.06	26.12 2.02 -0.09	27.42 2.16 -0.15	30.11 2.81 -1.05	31.71 2.59 -3.28	35.02 2.48 -6.65	35.97 2.53 -7.37	28.43 2.45 -0.14	25.76 2.14 -0.14	24.03 1.80 -1.57

MILLWOOD_13_KV_LOAD 356217	23.48 1.92 0.00	22.10 1.84 0.00	21.45 1.77 0.00	21.22 1.79 0.00	21.78 1.85 0.00	24.22 2.00 0.00	29.97 2.48 -1.63	35.14 2.61 -6.41	30.47 3.01 -0.05	28.38 2.36 -0.03	26.84 2.06 -0.01	26.29 1.97 -0.05	25.56 1.87 -0.01	25.18 1.84 -0.05	25.01 1.83 -0.06	26.20 2.09 -0.09	27.47 2.21 -0.15	30.17 2.86 -1.05	31.79 2.66 -3.28	35.07 2.54 -6.65	36.02 2.58 -7.37	28.51 2.53 -0.14	25.78 2.16 -0.14	24.05 1.82 -1.57
MODEL_CITY_ENERGY 24167	20.53 -1.03 0.00	19.49 -0.77 0.00	18.72 -0.96 0.00	18.44 -0.99 0.00	18.69 -1.24 0.00	21.00 -1.22 0.00	22.68 -0.88 2.29	21.98 -0.63 3.51	24.77 -0.74 1.90	23.93 -0.83 1.22	23.14 -1.19 0.44	21.14 -1.21 1.92	22.11 -1.14 0.44	20.36 -1.07 1.87	19.35 -1.18 2.59	18.99 -1.49 3.54	18.10 -1.51 5.51	19.21 -1.63 5.41	20.49 -1.45 3.91	21.11 -1.45 3.33	20.10 -1.30 4.66	19.35 -1.37 5.11	17.00 -1.55 4.93	15.66 -1.24 3.76
MODERN_LFGE_ 323580	20.53 -1.03 0.00	19.49 -0.77 0.00	18.72 -0.96 0.00	18.44 -0.99 0.00	18.69 -1.24 0.00	21.00 -1.22 0.00	22.68 -0.88 2.29	21.98 -0.63 3.51	24.77 -0.74 1.90	23.93 -0.83 1.22	23.14 -1.19 0.44	21.14 -1.21 1.92	22.11 -1.14 0.44	20.36 -1.07 1.87	19.35 -1.18 2.59	18.99 -1.49 3.54	18.10 -1.51 5.51	19.21 -1.63 5.41	20.49 -1.45 3.91	21.11 -1.45 3.33	20.10 -1.30 4.66	19.35 -1.37 5.11	17.00 -1.55 4.93	15.66 -1.24 3.76
MOHAWK_PAPER___DRP 24187	22.86 1.29 0.00	21.57 1.32 0.00	20.96 1.28 0.00	20.72 1.28 0.00	21.26 1.34 0.00	23.64 1.42 0.00	29.69 1.86 -1.97	35.79 1.83 -7.84	29.50 2.06 -0.03	27.33 1.33 -0.02	25.84 1.07 -0.01	25.35 1.04 -0.03	24.63 0.95 -0.01	24.31 0.98 -0.03	24.16 0.99 -0.05	25.24 1.15 -0.06	26.47 1.26 -0.11	29.17 1.71 -1.22	31.51 1.68 -3.98	35.73 1.71 -8.13	36.82 1.75 -9.01	27.59 1.65 -0.10	24.99 1.41 -0.10	23.72 1.18 -1.88
MOHICAN___35_KV_115KV_LD 80490	23.09 1.53 0.00	21.75 1.50 0.00	21.12 1.44 0.00	20.85 1.42 0.00	21.44 1.51 0.00	23.84 1.62 0.00	30.18 2.28 -2.04	36.31 2.06 -8.13	29.66 2.22 -0.03	27.67 1.66 -0.02	26.09 1.31 -0.01	25.59 1.29 -0.03	24.89 1.21 -0.01	24.51 1.19 -0.03	24.37 1.20 -0.04	25.47 1.39 -0.06	26.72 1.51 -0.10	29.50 2.00 -1.25	31.99 2.02 -4.12	36.39 2.07 -8.44	37.54 2.14 -9.34	27.92 1.99 -0.10	25.27 1.69 -0.09	24.01 1.40 -1.94
MONGAUP___HYD 23641	23.26 1.70 0.00	21.79 1.54 0.00	21.23 1.55 0.00	20.99 1.56 0.00	21.56 1.63 0.00	24.06 1.84 0.00	29.54 2.20 -1.49	34.34 2.17 -6.06	29.96 2.55 0.00	28.01 2.03 0.00	26.48 1.71 0.00	25.90 1.63 0.00	25.22 1.54 0.00	24.81 1.51 0.00	24.63 1.50 0.00	25.75 1.73 0.00	27.05 1.93 0.00	29.60 2.50 -0.85	31.01 2.17 -2.99	34.21 2.15 -6.18	35.10 2.21 -6.82	28.05 2.22 0.00	25.41 1.93 0.00	23.67 1.63 -1.38
MONTAUK___DIESEL 23721	25.02 3.21 -0.24	23.33 3.08 0.00	22.61 2.93 0.00	22.77 3.01 -0.33	23.02 3.09 0.00	26.41 3.36 -0.83	36.17 4.29 -6.02	37.70 4.26 -7.32	35.43 5.04 -2.98	32.02 3.98 -2.06	30.68 3.24 -2.67	29.57 3.06 -2.24	28.20 2.94 -1.59	28.35 2.94 -2.12	28.29 2.91 -2.25	31.13 3.17 -3.94	32.41 3.49 -3.81	33.98 4.28 -3.45	36.18 4.08 -6.25	44.47 3.96 -14.63	46.30 3.94 -16.30	33.90 3.85 -4.22	31.45 3.59 -4.37	27.39 2.97 -3.75
MOONROAD_115KV_HARTFLD_TB1-2 355988	21.17 -0.39 0.00	19.65 -0.61 0.00	19.13 -0.55 0.00	18.79 -0.64 0.00	18.97 -0.96 0.00	21.29 -0.93 0.00	23.01 -1.09 1.76	22.95 -0.76 2.41	25.47 -0.38 1.55	24.40 -0.57 1.01	23.69 -0.72 0.36	21.70 -1.00 1.58	22.52 -0.81 0.35	20.83 -0.93 1.53	19.96 -1.04 2.12	19.66 -1.47 2.90	18.68 -1.43 5.00	20.06 -1.08 5.12	21.43 -0.93 3.49	22.26 -0.96 2.67	21.31 -0.86 3.89	20.03 -0.93 4.88	17.58 -1.20 4.71	16.13 -1.05 3.48
MORTIMER_115KV_TB3 55949	21.48 -0.09 0.00	20.09 -0.16 0.00	19.56 -0.12 0.00	19.30 -0.14 0.00	19.61 -0.32 0.00	22.06 -0.16 0.00	25.64 0.21 0.42	26.53 0.55 0.14	27.27 0.38 0.52	25.91 0.26 0.34	24.53 -0.12 0.12	23.60 -0.15 0.53	23.39 -0.17 0.12	22.74 -0.05 0.51	22.23 -0.19 0.71	22.62 -0.43 0.97	23.09 -0.35 1.67	24.14 -0.50 1.61	24.68 -0.34 0.83	25.29 -0.39 0.20	25.26 -0.26 0.54	23.84 -0.36 1.63	21.32 -0.59 1.57	19.16 -0.50 1.01
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	23.59 2.03 0.00	22.20 1.94 0.00	21.55 1.87 0.00	21.30 1.87 0.00	21.88 1.95 0.00	24.31 2.09 0.00	30.07 2.59 -1.63	35.27 2.74 -6.41	30.61 3.15 -0.05	28.56 2.55 -0.03	26.98 2.20 -0.01	26.44 2.11 -0.05	25.70 2.01 -0.01	25.32 1.98 -0.05	25.15 1.97 -0.06	26.34 2.23 -0.09	27.65 2.39 -0.15	30.38 3.07 -1.05	31.92 2.79 -3.28	35.20 2.67 -6.65	36.13 2.68 -7.38	28.61 2.63 -0.14	25.95 2.32 -0.14	24.20 1.96 -1.57
MUNSVILLE_WIND_PWR 323609	23.24 1.68 0.00	21.82 1.56 0.00	21.08 1.40 0.00	20.85 1.42 0.00	21.32 1.39 0.00	23.97 1.75 0.00	29.13 2.20 -1.08	31.66 2.53 -3.01	30.50 2.77 -0.33	28.56 2.36 -0.21	26.80 1.96 -0.08	26.41 1.80 -0.33	25.53 1.78 -0.07	25.22 1.58 -0.34	25.34 1.74 -0.48	26.35 1.68 -0.65	28.18 1.93 -1.14	30.17 2.36 -1.55	30.40 2.38 -2.17	31.68 2.33 -3.47	32.56 2.45 -4.04	29.10 2.17 -1.09	26.16 1.62 -1.06	23.42 1.34 -1.42
N SALMON___HYD 24042	21.26 -0.30 0.00	19.89 -0.36 0.00	19.40 -0.28 0.00	19.10 -0.33 0.00	19.67 -0.26 0.00	21.89 -0.33 0.00	25.44 -0.41 0.00	25.65 -0.47 0.00	26.78 -0.52 0.10	25.88 -0.10 0.00	24.82 0.05 0.00	24.35 0.07 0.00	23.80 0.12 0.00	23.39 0.09 0.00	23.26 0.14 0.00	24.07 0.05 0.00	24.91 -0.20 0.00	25.62 -0.63 0.00	25.28 -0.57 0.00	25.24 -0.65 0.00	25.36 -0.70 0.00	25.16 -0.67 0.00	23.13 -0.35 0.00	20.33 -0.33 0.00
N.AKRON___115KV_KNAPP 355671	21.15 -0.41 0.00	19.75 -0.51 0.00	19.27 -0.41 0.00	18.99 -0.45 0.00	19.25 -0.68 0.00	21.66 -0.56 0.00	24.09 -0.21 1.56	24.15 0.18 2.15	26.11 0.05 1.36	25.00 -0.10 0.88	23.95 -0.50 0.32	22.34 -0.56 1.38	22.82 -0.54 0.31	21.51 -0.44 1.34	20.69 -0.58 1.86	20.59 -0.89 2.54	19.91 -0.80 4.39	20.96 -0.89 4.40	22.15 -0.70 3.00	22.83 -0.75 2.30	22.14 -0.57 3.35	20.99 -0.65 4.19	18.50 -0.94 4.05	16.92 -0.74 2.99
N.BELMOR_69_KV_BK1 55787	24.28 2.48 -0.24	22.61 2.35 0.00	21.92 2.24 0.00	22.05 2.29 -0.33	22.30 2.37 0.00	25.63 2.58 -0.83	35.11 3.23 -6.02	36.71 3.26 -7.32	34.23 3.84 -2.98	31.14 3.09 -2.06	30.09 2.65 -2.67	29.06 2.55 -2.24	27.71 2.44 -1.59	27.79 2.38 -2.12	27.76 2.38 -2.25	30.60 2.64 -3.94	31.73 2.81 -3.81	33.22 3.52 -3.45	35.38 3.28 -6.25	43.67 3.16 -14.63	45.57 3.21 -16.30	33.20 3.15 -4.22	30.70 2.84 -4.37	26.83 2.42 -3.75
N.E._GEN_SANDY PD 24062	23.01 1.44 0.00	21.65 1.40 0.00	21.27 1.44 -0.15	21.54 1.46 -0.65	21.42 1.50 0.00	25.10 1.62 -1.26	33.10 2.04 -5.20	35.18 2.09 -6.97	29.79 2.38 0.00	27.46 1.48 0.00	25.96 1.19 0.00	25.42 1.14 0.00	24.75 1.07 0.00	24.37 1.07 0.00	24.19 1.06 0.00	25.27 1.25 0.00	26.49 1.38 0.00	28.95 1.89 -0.81	31.35 1.84 -3.66	34.95 1.86 -7.20	35.87 1.85 -7.96	27.64 1.81 0.00	25.01 1.53 0.00	23.56 1.28 -1.62

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	23.39 1.83 0.00	22.02 1.76 0.00	21.37 1.69 0.00	21.14 1.71 0.00	21.70 1.77 0.00	24.15 1.93 0.00	29.86 2.40 -1.60	35.01 2.59 -6.31	30.39 2.93 -0.05	28.33 2.31 -0.03	26.79 2.01 -0.01	26.24 1.92 -0.05	25.51 1.82 -0.01	25.13 1.79 -0.05	24.97 1.78 -0.06	26.13 2.02 -0.09	27.42 2.16 -0.15	30.10 2.81 -1.04	31.67 2.59 -3.23	34.95 2.51 -6.55	35.86 2.53 -7.27	28.43 2.45 -0.15	25.74 2.11 -0.14	23.99 1.78 -1.55
N. QUEENS_27_KV_LOAD 356247	23.70 2.13 0.00	22.32 2.07 0.00	21.63 1.95 0.00	21.36 1.92 0.00	21.98 2.05 0.00	24.29 2.07 0.00	29.86 2.38 -1.63	35.09 2.56 -6.41	30.47 3.01 -0.05	28.46 2.44 -0.03	26.86 2.08 -0.01	26.34 2.01 -0.05	25.63 1.94 -0.01	25.25 1.91 -0.05	25.11 1.92 -0.06	26.27 2.16 -0.09	27.60 2.34 -0.15	30.32 3.02 -1.05	31.82 2.69 -3.28	35.08 2.54 -6.65	35.97 2.53 -7.38	28.46 2.48 -0.14	25.85 2.23 -0.14	24.31 2.07 -1.58
N. TROY___115KV_TB1 355778	22.77 1.21 0.00	21.51 1.26 0.00	20.90 1.22 0.00	20.66 1.22 0.00	21.18 1.26 0.00	23.58 1.36 0.00	29.61 1.76 -1.99	35.80 1.75 -7.93	29.39 1.95 -0.03	27.25 1.25 -0.02	25.77 0.99 -0.01	25.26 0.95 -0.03	24.56 0.88 -0.01	24.21 0.89 -0.03	24.05 0.88 -0.04	25.14 1.06 -0.06	26.37 1.16 -0.10	29.05 1.58 -1.23	31.45 1.58 -4.02	35.72 1.60 -8.23	36.81 1.64 -9.11	27.51 1.58 -0.10	24.90 1.32 -0.10	23.68 1.12 -1.90
NARROWS_GT1_1 24228	23.83 2.26 -0.01	22.26 2.01 0.00	21.71 2.03 0.00	21.43 2.00 0.00	22.06 2.13 0.00	24.40 2.18 0.00	30.05 2.64 -1.56	35.30 2.85 -6.33	30.67 3.26 0.00	28.64 2.65 0.00	27.05 2.28 0.00	26.49 2.21 0.00	25.81 2.13 0.00	25.41 2.12 0.00	25.25 2.13 0.00	26.42 2.40 0.00	27.70 2.59 0.00	30.48 3.33 -0.89	31.98 3.00 -3.13	35.23 2.87 -6.47	36.01 2.79 -7.15	28.62 2.79 0.00	25.97 2.49 0.00	24.28 2.17 -1.46
NARROWS_GT1_2 24229	23.83 2.26 -0.01	22.26 2.01 0.00	21.71 2.03 0.00	21.43 2.00 0.00	22.06 2.13 0.00	24.40 2.18 0.00	30.05 2.64 -1.56	35.30 2.85 -6.33	30.67 3.26 0.00	28.64 2.65 0.00	27.05 2.28 0.00	26.49 2.21 0.00	25.81 2.13 0.00	25.41 2.12 0.00	25.25 2.13 0.00	26.42 2.40 0.00	27.70 2.59 0.00	30.48 3.33 -0.89	31.98 3.00 -3.13	35.23 2.87 -6.47	36.01 2.79 -7.15	28.62 2.79 0.00	25.97 2.49 0.00	24.28 2.17 -1.46
NARROWS_GT1_3 24230	23.83 2.26 -0.01	22.26 2.01 0.00	21.71 2.03 0.00	21.43 2.00 0.00	22.06 2.13 0.00	24.40 2.18 0.00	30.05 2.64 -1.56	35.30 2.85 -6.33	30.67 3.26 0.00	28.64 2.65 0.00	27.05 2.28 0.00	26.49 2.21 0.00	25.81 2.13 0.00	25.41 2.12 0.00	25.25 2.13 0.00	26.42 2.40 0.00	27.70 2.59 0.00	30.48 3.33 -0.89	31.98 3.00 -3.13	35.23 2.87 -6.47	36.01 2.79 -7.15	28.62 2.79 0.00	25.97 2.49 0.00	24.28 2.17 -1.46
NARROWS_GT1_4 24231	23.83 2.26 -0.01	22.26 2.01 0.00	21.71 2.03 0.00	21.43 2.00 0.00	22.06 2.13 0.00	24.40 2.18 0.00	30.05 2.64 -1.56	35.30 2.85 -6.33	30.67 3.26 0.00	28.64 2.65 0.00	27.05 2.28 0.00	26.49 2.21 0.00	25.81 2.13 0.00	25.41 2.12 0.00	25.25 2.13 0.00	26.42 2.40 0.00	27.70 2.59 0.00	30.48 3.33 -0.89	31.98 3.00 -3.13	35.23 2.87 -6.47	36.01 2.79 -7.15	28.62 2.79 0.00	25.97 2.49 0.00	24.28 2.17 -1.46
NARROWS_GT1_5 24232	23.83 2.26 -0.01	22.26 2.01 0.00	21.71 2.03 0.00	21.43 2.00 0.00	22.06 2.13 0.00	24.40 2.18 0.00	30.05 2.64 -1.56	35.30 2.85 -6.33	30.67 3.26 0.00	28.64 2.65 0.00	27.05 2.28 0.00	26.49 2.21 0.00	25.81 2.13 0.00	25.41 2.12 0.00	25.25 2.13 0.00	26.42 2.40 0.00	27.70 2.59 0.00	30.48 3.33 -0.89	31.98 3.00 -3.13	35.23 2.87 -6.47	36.01 2.79 -7.15	28.62 2.79 0.00	25.97 2.49 0.00	24.28 2.17 -1.46
NARROWS_GT1_6 24233	23.83 2.26 -0.01	22.26 2.01 0.00	21.71 2.03 0.00	21.43 2.00 0.00	22.06 2.13 0.00	24.40 2.18 0.00	30.05 2.64 -1.56	35.30 2.85 -6.33	30.67 3.26 0.00	28.64 2.65 0.00	27.05 2.28 0.00	26.49 2.21 0.00	25.81 2.13 0.00	25.41 2.12 0.00	25.25 2.13 0.00	26.42 2.40 0.00	27.70 2.59 0.00	30.48 3.33 -0.89	31.98 3.00 -3.13	35.23 2.87 -6.47	36.01 2.79 -7.15	28.62 2.79 0.00	25.97 2.49 0.00	24.28 2.17 -1.46
NARROWS_GT1_7 24234	23.83 2.26 -0.01	22.26 2.01 0.00	21.71 2.03 0.00	21.43 2.00 0.00	22.06 2.13 0.00	24.40 2.18 0.00	30.05 2.64 -1.56	35.30 2.85 -6.33	30.67 3.26 0.00	28.64 2.65 0.00	27.05 2.28 0.00	26.49 2.21 0.00	25.81 2.13 0.00	25.41 2.12 0.00	25.25 2.13 0.00	26.42 2.40 0.00	27.70 2.59 0.00	30.48 3.33 -0.89	31.98 3.00 -3.13	35.23 2.87 -6.47	36.01 2.79 -7.15	28.62 2.79 0.00	25.97 2.49 0.00	24.28 2.17 -1.46
NARROWS_GT1_8 24235	23.83 2.26 -0.01	22.26 2.01 0.00	21.71 2.03 0.00	21.43 2.00 0.00	22.06 2.13 0.00	24.40 2.18 0.00	30.05 2.64 -1.56	35.30 2.85 -6.33	30.67 3.26 0.00	28.64 2.65 0.00	27.05 2.28 0.00	26.49 2.21 0.00	25.81 2.13 0.00	25.41 2.12 0.00	25.25 2.13 0.00	26.42 2.40 0.00	27.70 2.59 0.00	30.48 3.33 -0.89	31.98 3.00 -3.13	35.23 2.87 -6.47	36.01 2.79 -7.15	28.62 2.79 0.00	25.97 2.49 0.00	24.28 2.17 -1.46
NARROWS_GT2_1 24236	23.83 2.26 -0.01	22.26 2.01 0.00	21.71 2.03 0.00	21.43 2.00 0.00	22.06 2.13 0.00	24.40 2.18 0.00	30.05 2.64 -1.56	35.30 2.85 -6.33	30.67 3.26 0.00	28.64 2.65 0.00	27.05 2.28 0.00	26.49 2.21 0.00	25.81 2.13 0.00	25.41 2.12 0.00	25.25 2.13 0.00	26.42 2.40 0.00	27.70 2.59 0.00	30.48 3.33 -0.89	31.98 3.00 -3.13	35.23 2.87 -6.47	36.01 2.79 -7.15	28.62 2.79 0.00	25.97 2.49 0.00	24.28 2.17 -1.46
NARROWS_GT2_2 24237	23.83 2.26 -0.01	22.26 2.01 0.00	21.71 2.03 0.00	21.43 2.00 0.00	22.06 2.13 0.00	24.40 2.18 0.00	30.05 2.64 -1.56	35.30 2.85 -6.33	30.67 3.26 0.00	28.64 2.65 0.00	27.05 2.28 0.00	26.49 2.21 0.00	25.81 2.13 0.00	25.41 2.12 0.00	25.25 2.13 0.00	26.42 2.40 0.00	27.70 2.59 0.00	30.48 3.33 -0.89	31.98 3.00 -3.13	35.23 2.87 -6.47	36.01 2.79 -7.15	28.62 2.79 0.00	25.97 2.49 0.00	24.28 2.17 -1.46
NARROWS_GT2_3 24238	23.83 2.26 -0.01	22.26 2.01 0.00	21.71 2.03 0.00	21.43 2.00 0.00	22.06 2.13 0.00	24.40 2.18 0.00	30.05 2.64 -1.56	35.30 2.85 -6.33	30.67 3.26 0.00	28.64 2.65 0.00	27.05 2.28 0.00	26.49 2.21 0.00	25.81 2.13 0.00	25.41 2.12 0.00	25.25 2.13 0.00	26.42 2.40 0.00	27.70 2.59 0.00	30.48 3.33 -0.89	31.98 3.00 -3.13	35.23 2.87 -6.47	36.01 2.79 -7.15	28.62 2.79 0.00	25.97 2.49 0.00	24.28 2.17 -1.46
NARROWS_GT2_4 24239	23.83 2.26 -0.01	22.26 2.01 0.00	21.71 2.03 0.00	21.43 2.00 0.00	22.06 2.13 0.00	24.40 2.18 0.00	30.05 2.64 -1.56	35.30 2.85 -6.33	30.67 3.26 0.00	28.64 2.65 0.00	27.05 2.28 0.00	26.49 2.21 0.00	25.81 2.13 0.00	25.41 2.12 0.00	25.25 2.13 0.00	26.42 2.40 0.00	27.70 2.59 0.00	30.48 3.33 -0.89	31.98 3.00 -3.13	35.23 2.87 -6.47	36.01 2.79 -7.15	28.62 2.79 0.00	25.97 2.49 0.00	24.28 2.17 -1.46

NARROWS_GT2_5 24240	23.83 2.26 -0.01	22.26 2.01 0.00	21.71 2.03 0.00	21.43 2.00 0.00	22.06 2.13 0.00	24.40 2.18 0.00	30.05 2.64 -1.56	35.30 2.85 -6.33	30.67 3.26 0.00	28.64 2.65 0.00	27.05 2.28 0.00	26.49 2.21 0.00	25.81 2.13 0.00	25.41 2.12 0.00	25.25 2.13 0.00	26.42 2.40 0.00	27.70 2.59 0.00	30.48 3.33 -0.89	31.98 3.00 -3.13	35.23 2.87 -6.47	36.01 2.79 -7.15	28.62 2.79 0.00	25.97 2.49 0.00	24.28 2.17 -1.46
NARROWS_GT2_6 24241	23.83 2.26 -0.01	22.26 2.01 0.00	21.71 2.03 0.00	21.43 2.00 0.00	22.06 2.13 0.00	24.40 2.18 0.00	30.05 2.64 -1.56	35.30 2.85 -6.33	30.67 3.26 0.00	28.64 2.65 0.00	27.05 2.28 0.00	26.49 2.21 0.00	25.81 2.13 0.00	25.41 2.12 0.00	25.25 2.13 0.00	26.42 2.40 0.00	27.70 2.59 0.00	30.48 3.33 -0.89	31.98 3.00 -3.13	35.23 2.87 -6.47	36.01 2.79 -7.15	28.62 2.79 0.00	25.97 2.49 0.00	24.28 2.17 -1.46
NARROWS_GT2_7 24242	23.83 2.26 -0.01	22.26 2.01 0.00	21.71 2.03 0.00	21.43 2.00 0.00	22.06 2.13 0.00	24.40 2.18 0.00	30.05 2.64 -1.56	35.30 2.85 -6.33	30.67 3.26 0.00	28.64 2.65 0.00	27.05 2.28 0.00	26.49 2.21 0.00	25.81 2.13 0.00	25.41 2.12 0.00	25.25 2.13 0.00	26.42 2.40 0.00	27.70 2.59 0.00	30.48 3.33 -0.89	31.98 3.00 -3.13	35.23 2.87 -6.47	36.01 2.79 -7.15	28.62 2.79 0.00	25.97 2.49 0.00	24.28 2.17 -1.46
NARROWS_GT2_8 24243	23.83 2.26 -0.01	22.26 2.01 0.00	21.71 2.03 0.00	21.43 2.00 0.00	22.06 2.13 0.00	24.40 2.18 0.00	30.05 2.64 -1.56	35.30 2.85 -6.33	30.67 3.26 0.00	28.64 2.65 0.00	27.05 2.28 0.00	26.49 2.21 0.00	25.81 2.13 0.00	25.41 2.12 0.00	25.25 2.13 0.00	26.42 2.40 0.00	27.70 2.59 0.00	30.48 3.33 -0.89	31.98 3.00 -3.13	35.23 2.87 -6.47	36.01 2.79 -7.15	28.62 2.79 0.00	25.97 2.49 0.00	24.28 2.17 -1.46
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	22.66 1.10 0.00	21.41 1.15 0.00	20.80 1.12 0.00	20.54 1.11 0.00	21.10 1.18 0.00	23.49 1.27 0.00	29.24 1.53 -1.86	34.85 1.36 -7.38	29.17 1.73 -0.04	27.02 1.01 -0.02	25.50 0.72 -0.01	25.07 0.75 -0.04	24.35 0.66 -0.01	24.03 0.70 -0.04	23.89 0.72 -0.05	24.96 0.86 -0.07	26.24 1.00 -0.12	28.75 1.34 -1.16	31.00 1.40 -3.75	34.96 1.42 -7.65	36.08 1.54 -8.48	27.47 1.52 -0.12	24.89 1.29 -0.11	23.39 0.95 -1.78
NCHELSEA_115KV_TR2 355582	23.44 1.88 0.00	22.06 1.80 0.00	21.41 1.73 0.00	21.18 1.75 0.00	21.72 1.79 0.00	24.22 2.00 0.00	29.97 2.48 -1.63	35.17 2.61 -6.44	30.39 2.93 -0.05	28.30 2.29 -0.03	26.76 1.98 -0.01	26.22 1.89 -0.05	25.46 1.78 -0.01	25.09 1.75 -0.05	24.92 1.73 -0.06	26.08 1.97 -0.08	27.42 2.16 -0.15	30.12 2.81 -1.06	31.76 2.61 -3.29	35.08 2.51 -6.68	36.08 2.61 -7.41	28.46 2.48 -0.14	25.76 2.14 -0.14	24.04 1.80 -1.58
NEG CAPITAL___MECHNVIL 23645	23.01 1.44 0.00	21.65 1.40 0.00	21.06 1.38 0.00	20.79 1.36 0.00	21.36 1.44 0.00	23.75 1.53 0.00	29.88 2.07 -1.96	36.03 2.01 -7.90	29.60 2.19 0.00	27.60 1.61 0.00	26.08 1.31 0.00	25.54 1.26 0.00	24.86 1.18 0.00	24.48 1.19 0.00	24.30 1.18 0.00	25.39 1.37 0.00	26.59 1.48 0.00	29.29 1.92 -1.13	31.74 1.94 -3.95	36.02 1.97 -8.17	37.09 2.01 -9.02	27.74 1.91 0.00	25.10 1.62 0.00	23.87 1.38 -1.83
NEG CENTRAL_HIGH_ACRES 23767	21.61 0.04 0.00	20.44 0.18 0.00	19.68 0.00 0.00	19.43 0.00 0.00	19.77 -0.16 0.00	22.22 0.00 0.00	26.49 0.36 -0.28	27.91 0.71 -1.08	28.01 0.60 0.00	26.43 0.44 0.00	24.84 0.07 0.00	24.33 0.05 0.00	23.73 0.05 0.00	23.44 0.14 0.00	23.13 0.00 0.00	23.81 -0.22 0.00	24.91 -0.20 0.00	26.08 -0.31 -0.14	26.10 -0.18 -0.43	26.56 -0.21 -0.88	26.93 -0.10 -0.97	25.62 -0.21 0.00	23.06 -0.42 0.00	20.51 -0.35 -0.20
NEG CENTRAL___DRP 24199	21.91 0.34 0.00	20.52 0.26 0.00	19.96 0.28 0.00	19.70 0.27 0.00	20.15 0.22 0.00	22.58 0.36 0.00	27.32 0.59 -0.86	29.17 0.86 -2.19	28.77 0.93 -0.43	26.99 0.73 -0.28	25.39 0.52 -0.10	25.10 0.39 -0.43	24.18 0.40 -0.10	24.09 0.37 -0.42	23.99 0.28 -0.58	24.96 0.14 -0.80	26.74 0.25 -1.38	28.22 0.34 -1.63	28.07 0.49 -1.73	28.65 0.44 -2.33	29.39 0.50 -2.83	27.59 0.41 -1.35	24.97 0.19 -1.30	22.16 0.19 -1.32
NEG CENTRAL___INDECK 23768	22.19 0.63 0.00	20.96 0.71 0.00	20.17 0.49 0.00	19.90 0.47 0.00	20.21 0.28 0.00	22.75 0.53 0.00	36.91 0.90 -10.15	46.79 1.31 -19.37	35.82 1.26 -7.16	31.62 0.99 -4.65	27.00 0.57 -1.66	31.95 0.41 -7.26	25.71 0.40 -1.62	30.72 0.37 -7.05	33.11 0.23 -9.76	36.77 -0.55 -13.30	48.23 -0.40 -23.52	51.42 -0.26 -25.43	46.52 -0.03 -20.69	47.14 -0.03 -21.28	54.15 0.10 -27.98	48.87 -0.05 -23.09	45.42 -0.35 -22.29	38.76 -0.29 -18.39
NEG CENTRAL___SENECA 23627	22.06 0.50 0.00	20.66 0.41 0.00	20.11 0.43 0.00	19.84 0.41 0.00	20.25 0.32 0.00	22.73 0.51 0.00	27.93 0.78 -1.30	30.28 1.10 -3.07	29.26 1.12 -0.73	27.36 0.91 -0.47	25.61 0.67 -0.17	25.52 0.51 -0.73	24.36 0.52 -0.16	24.50 0.49 -0.71	24.48 0.37 -0.99	25.56 0.19 -1.35	27.79 0.35 -2.32	29.39 0.47 -2.66	29.08 0.62 -2.61	29.72 0.57 -3.27	30.77 0.65 -4.05	28.65 0.54 -2.27	25.96 0.28 -2.19	23.00 0.27 -2.07
NEG CENTRAL___STATE_STREET 24147	21.91 0.34 0.00	20.50 0.24 0.00	19.94 0.26 0.00	19.70 0.27 0.00	20.15 0.22 0.00	22.53 0.31 0.00	27.16 0.78 -0.53	28.51 0.84 -1.56	28.75 1.15 -0.19	27.04 0.94 -0.12	25.58 0.77 -0.04	25.15 0.68 -0.19	24.41 0.69 -0.04	24.16 0.68 -0.19	23.98 0.60 -0.26	24.90 0.53 -0.35	26.27 0.55 -0.61	27.68 0.63 -0.80	27.61 0.70 -1.06	28.17 0.65 -1.64	28.72 0.73 -1.93	27.04 0.62 -0.59	24.46 0.40 -0.57	21.75 0.37 -0.72
NEG MILLWOOD___DRP 24198	23.52 1.96 0.00	22.12 1.86 0.00	21.47 1.79 0.00	21.26 1.83 0.00	21.80 1.87 0.00	24.29 2.07 0.00	30.03 2.53 -1.64	35.26 2.66 -6.48	30.47 3.01 -0.05	28.38 2.36 -0.03	26.84 2.06 -0.01	26.29 1.97 -0.05	25.54 1.85 -0.01	25.20 1.86 -0.04	25.01 1.83 -0.06	26.20 2.09 -0.08	27.47 2.21 -0.15	30.17 2.86 -1.06	31.85 2.69 -3.31	35.19 2.59 -6.72	36.18 2.66 -7.45	28.56 2.58 -0.14	25.78 2.16 -0.14	24.09 1.84 -1.59
NEG NORTH_FLCN_SEA 23793	21.50 -0.06 0.00	20.13 -0.12 0.00	19.62 -0.06 0.00	19.32 -0.12 0.00	19.89 -0.04 0.00	22.11 -0.11 0.00	25.82 -0.05 -0.01	25.97 -0.18 -0.04	27.30 -0.05 0.05	26.27 0.29 0.00	25.19 0.42 0.00	24.69 0.41 0.00	24.13 0.45 0.00	23.69 0.40 0.00	23.56 0.44 0.00	24.36 0.34 0.00	25.24 0.13 0.00	25.97 -0.29 -0.01	25.64 -0.23 -0.02	25.62 -0.31 -0.04	25.74 -0.36 -0.05	25.52 -0.31 0.00	23.39 -0.09 0.00	20.59 -0.08 -0.01
NEG NORTH_KES_CHATEGAY 23792	21.32 -0.24 0.00	19.97 -0.28 0.00	19.46 -0.22 0.00	19.16 -0.27 0.00	19.71 -0.22 0.00	21.93 -0.29 0.00	25.56 -0.31 -0.01	25.74 -0.42 -0.04	27.00 -0.36 0.05	25.98 0.00 0.00	24.94 0.17 0.00	24.45 0.17 0.00	23.87 0.19 0.00	23.46 0.16 0.00	23.31 0.19 0.00	24.12 0.10 0.00	24.99 -0.13 0.00	25.71 -0.55 -0.01	25.38 -0.49 -0.02	25.38 -0.54 -0.04	25.48 -0.63 -0.05	25.29 -0.54 0.00	23.20 -0.28 0.00	20.40 -0.27 -0.01

NEG NORTH___ALICE_FALLS 23915	21.50 -0.06 0.00	20.11 -0.14 0.00	19.62 -0.06 0.00	19.32 -0.12 0.00	19.89 -0.04 0.00	22.11 -0.11 0.00	25.84 -0.03 -0.01	26.00 -0.16 -0.04	27.36 0.00 0.05	26.30 0.31 0.00	25.22 0.45 0.00	24.69 0.41 0.00	24.13 0.45 0.00	23.71 0.42 0.00	23.59 0.46 0.00	24.38 0.36 0.00	25.26 0.15 0.00	25.99 -0.26 -0.01	25.66 -0.21 -0.02	25.62 -0.31 -0.04	25.74 -0.36 -0.05	25.52 -0.31 0.00	23.39 -0.09 0.00	20.57 -0.10 -0.01
NEG NORTH___LWR_SARANAC 23913	21.50 -0.06 0.00	20.11 -0.14 0.00	19.62 -0.06 0.00	19.32 -0.12 0.00	19.89 -0.04 0.00	22.11 -0.11 0.00	25.84 -0.03 -0.01	26.00 -0.16 -0.04	27.36 0.00 0.05	26.30 0.31 0.00	25.22 0.45 0.00	24.69 0.41 0.00	24.13 0.45 0.00	23.71 0.42 0.00	23.59 0.46 0.00	24.38 0.36 0.00	25.26 0.15 0.00	25.99 -0.26 -0.01	25.66 -0.21 -0.02	25.62 -0.31 -0.04	25.74 -0.36 -0.05	25.52 -0.31 0.00	23.39 -0.09 0.00	20.57 -0.10 -0.01
NEG NORTH___PLATTSBURG 23628	21.50 -0.06 0.00	20.11 -0.14 0.00	19.62 -0.06 0.00	19.32 -0.12 0.00	19.89 -0.04 0.00	22.11 -0.11 0.00	25.83 -0.03 0.00	26.04 -0.08 0.00	27.36 0.00 0.05	26.30 0.31 0.00	25.22 0.45 0.00	24.69 0.41 0.00	24.13 0.45 0.00	23.71 0.42 0.00	23.59 0.46 0.00	24.38 0.36 0.00	25.26 0.15 0.00	25.99 -0.26 0.00	25.64 -0.21 0.00	25.58 -0.31 0.00	25.70 -0.36 0.00	25.52 -0.31 0.00	23.39 -0.09 0.00	20.56 -0.10 0.00
NEG WEST_LEA_LOCKPORT 23791	20.74 -0.82 0.00	19.34 -0.91 0.00	18.91 -0.77 0.00	18.64 -0.80 0.00	18.89 -1.04 0.00	21.22 -1.00 0.00	23.13 -0.78 1.95	22.80 -0.47 2.84	25.18 -0.58 1.65	24.22 -0.70 1.07	23.34 -1.04 0.39	21.51 -1.09 1.67	22.28 -1.02 0.38	20.72 -0.96 1.62	19.81 -1.06 2.25	19.55 -1.39 3.08	18.40 -1.38 5.33	19.44 -1.42 5.39	20.83 -1.24 3.78	21.57 -1.27 3.05	20.59 -1.12 4.36	19.54 -1.19 5.10	17.17 -1.39 4.93	15.83 -1.14 3.70
NEG WEST___LANCASTR 23811	21.45 -0.11 0.00	20.05 -0.20 0.00	19.56 -0.12 0.00	19.30 -0.14 0.00	19.57 -0.36 0.00	21.98 -0.24 0.00	22.85 -1.22 1.80	22.76 -0.89 2.47	25.47 -0.36 1.58	24.44 -0.52 1.03	24.18 -0.22 0.37	21.82 -0.85 1.61	23.01 -0.31 0.36	20.85 -0.89 1.56	20.09 -0.88 2.16	19.92 -1.15 2.95	19.14 -0.88 5.09	21.31 0.26 5.21	22.73 0.44 3.56	23.57 0.41 2.73	22.63 0.55 3.98	21.34 0.46 4.96	18.79 0.09 4.79	17.27 0.14 3.54
NEG_PENN_ALLEGHNY 23528	22.06 0.50 0.00	20.76 0.51 0.00	20.13 0.45 0.00	19.88 0.45 0.00	20.33 0.40 0.00	22.73 0.51 0.00	27.11 0.67 -0.59	29.32 0.91 -2.28	28.47 1.07 0.00	26.84 0.86 0.00	25.46 0.69 0.00	24.81 0.53 0.00	24.27 0.59 0.00	23.78 0.49 0.00	23.59 0.46 0.00	24.38 0.36 0.00	25.64 0.53 0.00	27.45 0.87 -0.33	27.87 0.90 -1.12	29.10 0.91 -2.31	29.58 0.96 -2.55	26.68 0.85 0.00	24.09 0.61 0.00	21.71 0.54 -0.52
NEG___GEN_MONROE 24207	21.56 0.00 0.00	20.20 -0.06 0.00	19.70 0.02 0.00	19.39 -0.04 0.00	19.71 -0.22 0.00	22.20 -0.02 0.00	25.56 0.31 0.61	26.37 0.73 0.47	27.24 0.49 0.66	25.89 0.34 0.43	24.52 -0.10 0.15	23.49 -0.12 0.67	23.36 -0.17 0.15	22.53 -0.12 0.65	21.95 -0.28 0.90	22.26 -0.53 1.23	22.51 -0.48 2.12	23.57 -0.60 2.08	24.24 -0.41 1.20	24.86 -0.47 0.55	24.71 -0.34 1.01	23.39 -0.39 2.06	20.82 -0.68 1.99	18.76 -0.56 1.34
NEPA___ENERGY 23901	21.20 -0.37 0.00	19.71 -0.55 0.00	19.23 -0.45 0.00	18.95 -0.49 0.00	19.17 -0.76 0.00	21.53 -0.69 0.00	22.75 -0.75 2.35	22.17 -0.42 3.53	25.24 -0.19 1.98	24.33 -0.36 1.29	23.76 -0.54 0.46	21.47 -0.80 2.01	22.59 -0.64 0.45	20.64 -0.70 1.95	19.61 -0.81 2.70	19.16 -1.18 3.69	17.64 -1.10 6.37	18.83 -0.84 6.58	20.51 -0.67 4.67	21.33 -0.67 3.88	20.03 -0.55 5.48	19.00 -0.62 6.21	16.58 -0.92 5.99	15.36 -0.76 4.53
NEVERSINK___HYD 23608	23.87 2.31 0.00	22.36 2.11 0.00	21.76 2.09 0.00	21.53 2.10 0.00	22.10 2.17 0.00	24.71 2.49 0.00	30.15 2.84 -1.44	35.10 2.92 -6.06	30.61 3.21 0.00	28.61 2.62 0.00	27.05 2.28 0.00	26.44 2.16 0.00	25.60 1.92 0.00	25.02 1.72 0.00	24.84 1.71 0.00	26.04 2.02 0.00	27.35 2.23 0.00	29.99 2.91 -0.83	31.46 2.71 -2.89	34.52 2.64 -5.99	35.42 2.74 -6.62	28.41 2.58 0.00	25.67 2.18 0.00	23.84 1.84 -1.34
NEWKRMKL_115KV_TB1 55635	22.40 0.84 0.00	21.19 0.93 0.00	20.58 0.91 0.00	20.35 0.91 0.00	20.88 0.96 0.00	23.18 0.96 0.00	29.07 1.24 -1.97	35.16 1.23 -7.82	28.87 1.43 -0.03	26.84 0.83 -0.02	25.37 0.59 -0.01	24.92 0.61 -0.03	24.23 0.54 -0.01	23.91 0.58 -0.03	23.75 0.58 -0.05	24.78 0.70 -0.06	26.00 0.78 -0.11	28.67 1.21 -1.21	31.01 1.19 -3.97	35.19 1.19 -8.11	36.24 1.20 -8.98	27.05 1.11 -0.10	24.52 0.94 -0.10	23.32 0.79 -1.88
NEWTON___FALLS_HYD 23847	20.92 -0.65 0.00	19.63 -0.63 0.00	19.07 -0.61 0.00	18.83 -0.60 0.00	19.33 -0.60 0.00	21.58 -0.64 0.00	24.87 -1.03 -0.04	25.22 -1.07 -0.18	25.74 -1.40 0.27	25.00 -0.99 0.00	23.85 -0.92 0.00	23.50 -0.78 0.00	22.94 -0.73 0.00	22.55 -0.75 0.00	22.48 -0.65 0.00	23.28 -0.74 0.00	24.13 -0.98 0.00	25.07 -1.21 -0.03	24.80 -1.14 -0.09	24.93 -1.14 -0.18	25.12 -1.15 -0.20	24.67 -1.16 0.00	22.66 -0.82 0.00	19.94 -0.76 -0.04
NGRID_A1_DSASP 323792	20.31 -1.25 0.00	19.30 -0.95 0.00	18.54 -1.14 0.00	18.27 -1.17 0.00	18.51 -1.41 0.00	20.80 -1.42 0.00	22.53 -0.98 2.34	21.79 -0.73 3.59	24.54 -0.90 1.96	23.72 -0.99 1.27	22.93 -1.39 0.46	20.93 -1.36 1.99	21.55 -1.68 0.45	20.15 -1.21 1.93	19.14 -1.32 2.67	18.75 -1.63 3.64	17.79 -1.66 5.66	18.75 -1.73 5.77	20.14 -1.53 4.18	20.75 -1.55 3.59	19.62 -1.43 5.01	18.90 -1.50 5.43	16.59 -1.64 5.24	15.29 -1.36 4.01
NGRID_A2_DSASP 323793	20.31 -1.25 0.00	19.30 -0.95 0.00	18.54 -1.14 0.00	18.27 -1.17 0.00	18.51 -1.41 0.00	20.80 -1.42 0.00	22.53 -0.98 2.34	21.79 -0.73 3.59	24.54 -0.90 1.96	23.72 -0.99 1.27	22.93 -1.39 0.46	20.93 -1.36 1.99	21.55 -1.68 0.45	20.15 -1.21 1.93	19.14 -1.32 2.67	18.75 -1.63 3.64	17.79 -1.66 5.66	18.75 -1.73 5.77	20.14 -1.53 4.18	20.75 -1.55 3.59	19.62 -1.43 5.01	18.90 -1.50 5.43	16.59 -1.64 5.24	15.29 -1.36 4.01
NGRID_A4_DSASP 323807	20.31 -1.25 0.00	19.30 -0.95 0.00	18.54 -1.14 0.00	18.27 -1.17 0.00	18.51 -1.41 0.00	20.80 -1.42 0.00	22.53 -0.98 2.34	21.79 -0.73 3.59	24.54 -0.90 1.96	23.72 -0.99 1.27	22.93 -1.39 0.46	20.93 -1.36 1.99	21.55 -1.68 0.45	20.15 -1.21 1.93	19.14 -1.32 2.67	18.75 -1.63 3.64	17.79 -1.66 5.66	18.75 -1.73 5.77	20.14 -1.53 4.18	20.75 -1.55 3.59	19.62 -1.43 5.01	18.90 -1.50 5.43	16.59 -1.64 5.24	15.29 -1.36 4.01
NIAGARA_115E_LBMP 323715	20.40 -1.16 0.00	19.39 -0.87 0.00	18.62 -1.06 0.00	18.35 -1.09 0.00	18.59 -1.33 0.00	20.89 -1.33 0.00	22.55 -0.96 2.35	21.81 -0.70 3.60	24.65 -0.82 1.93	23.80 -0.93 1.25	23.03 -1.29 0.45	21.00 -1.31 1.96	22.03 -1.21 0.45	20.23 -1.16 1.90	19.23 -1.25 2.64	18.82 -1.59 3.62	17.89 -1.58 5.64	19.00 -1.73 5.52	20.28 -1.58 3.99	20.93 -1.55 3.40	19.89 -1.41 4.76	19.16 -1.47 5.20	16.82 -1.64 5.02	15.50 -1.32 3.84

NIAGARA_115W_LBMP 323714	20.27 -1.29 0.00	19.26 -0.99 0.00	18.50 -1.18 0.00	18.23 -1.20 0.00	18.47 -1.45 0.00	20.75 -1.47 0.00	22.54 -0.98 2.33	21.79 -0.76 3.57	24.52 -0.93 1.95	23.70 -1.01 1.27	22.93 -1.39 0.45	20.92 -1.38 1.98	21.48 -1.75 0.44	20.16 -1.21 1.92	19.15 -1.32 2.66	18.74 -1.66 3.62	17.83 -1.66 5.63	18.75 -1.76 5.74	20.14 -1.55 4.16	20.76 -1.55 3.57	19.64 -1.43 4.99	18.92 -1.50 5.41	16.59 -1.67 5.22	15.30 -1.36 3.99
NIAGARA_230_LBMP 323716	20.64 -0.93 0.00	19.61 -0.65 0.00	18.83 -0.85 0.00	18.56 -0.87 0.00	18.81 -1.12 0.00	21.13 -1.09 0.00	22.63 -1.01 2.21	22.00 -0.76 3.36	24.61 -0.93 1.87	23.76 -1.01 1.22	23.02 -1.31 0.43	21.00 -1.38 1.89	21.93 -1.33 0.42	20.25 -1.21 1.84	19.27 -1.32 2.54	18.93 -1.63 3.46	18.13 -1.63 5.35	19.08 -1.68 5.50	20.38 -1.50 3.97	21.00 -1.50 3.38	19.94 -1.38 4.74	19.20 -1.45 5.18	16.86 -1.62 5.00	15.52 -1.32 3.82
NIAGARA__115KV_198_GIBSON 55903	20.27 -1.29 0.00	18.92 -1.34 0.00	18.50 -1.18 0.00	18.23 -1.20 0.00	18.47 -1.45 0.00	20.75 -1.47 0.00	22.92 -1.01 1.92	22.59 -0.73 2.79	24.82 -0.93 1.66	23.92 -0.99 1.08	23.00 -1.39 0.38	21.21 -1.38 1.68	21.60 -1.70 0.38	20.45 -1.21 1.63	19.55 -1.32 2.26	19.29 -1.66 3.08	18.15 -1.66 5.31	18.96 -1.76 5.53	20.42 -1.55 3.88	21.17 -1.58 3.14	20.15 -1.43 4.48	19.10 -1.50 5.24	16.76 -1.67 5.05	15.50 -1.36 3.79
NIAGARA____ 23760	20.33 -1.23 0.00	19.32 -0.93 0.00	18.56 -1.12 0.00	18.29 -1.15 0.00	18.53 -1.40 0.00	20.82 -1.40 0.00	22.63 -1.01 2.21	22.00 -0.76 3.36	24.61 -0.93 1.87	23.76 -1.01 1.22	23.00 -1.34 0.43	21.00 -1.38 1.89	21.81 -1.45 0.43	20.25 -1.21 1.84	19.27 -1.32 2.54	18.93 -1.63 3.46	18.13 -1.63 5.35	19.05 -1.71 5.50	20.38 -1.50 3.97	21.00 -1.50 3.38	19.94 -1.38 4.74	19.20 -1.45 5.19	16.86 -1.62 5.01	15.52 -1.32 3.82
NINE_MILE_1 23575	21.07 -0.50 0.00	19.83 -0.43 0.00	19.23 -0.45 0.00	18.99 -0.45 0.00	19.45 -0.48 0.00	21.71 -0.51 0.00	25.48 -0.52 -0.15	26.27 -0.42 -0.57	27.00 -0.41 0.00	25.52 -0.47 0.00	24.25 -0.52 0.00	23.74 -0.53 0.00	23.16 -0.52 0.00	22.78 -0.51 0.00	22.59 -0.53 0.00	23.42 -0.60 0.00	24.51 -0.60 0.00	25.76 -0.58 -0.08	25.57 -0.52 -0.23	25.85 -0.52 -0.48	26.10 -0.50 -0.53	25.29 -0.54 0.00	22.92 -0.56 0.00	20.31 -0.45 -0.11
NINE_MILE_2 23744	21.09 -0.47 0.00	19.83 -0.43 0.00	19.23 -0.45 0.00	18.99 -0.45 0.00	19.45 -0.48 0.00	21.71 -0.51 0.00	25.48 -0.52 -0.14	26.27 -0.42 -0.57	27.00 -0.41 0.00	25.52 -0.47 0.00	24.25 -0.52 0.00	23.74 -0.53 0.00	23.16 -0.52 0.00	22.78 -0.51 0.00	22.59 -0.53 0.00	23.42 -0.60 0.00	24.51 -0.60 0.00	25.76 -0.58 -0.08	25.57 -0.52 -0.23	25.85 -0.52 -0.48	26.10 -0.50 -0.53	25.29 -0.54 0.00	22.92 -0.56 0.00	20.31 -0.45 -0.11
NM_CAPITAL____DRP 24208	22.51 0.95 0.00	21.29 1.03 0.00	20.68 1.00 0.00	20.44 1.01 0.00	20.98 1.06 0.00	23.29 1.07 0.00	29.21 1.40 -1.96	35.29 1.38 -7.79	29.06 1.62 -0.03	26.94 0.94 -0.02	25.45 0.67 -0.01	24.99 0.68 -0.03	24.30 0.62 -0.01	23.98 0.65 -0.03	23.82 0.65 -0.05	24.85 0.77 -0.06	26.07 0.85 -0.11	28.75 1.29 -1.21	31.07 1.27 -3.95	35.23 1.27 -8.08	36.29 1.28 -8.95	27.15 1.21 -0.11	24.62 1.03 -0.10	23.40 0.87 -1.87
NM_CENTRAL____DRP 24181	21.52 -0.04 0.00	20.20 -0.06 0.00	19.62 -0.06 0.00	19.39 -0.04 0.00	19.83 -0.10 0.00	22.18 -0.04 0.00	26.12 0.08 -0.19	27.18 0.29 -0.78	27.70 0.30 0.00	26.16 0.18 0.01	24.82 0.05 0.00	24.27 0.00 0.01	23.70 0.02 0.00	23.31 0.02 0.01	23.09 -0.02 0.01	23.91 -0.10 0.02	25.04 -0.05 0.03	26.39 0.05 -0.09	26.36 0.13 -0.38	26.79 0.10 -0.81	27.11 0.16 -0.89	25.88 0.08 0.03	23.41 -0.05 0.02	20.80 -0.02 -0.17
NM_FRONTIER____DRP 24179	20.27 -1.29 0.00	18.92 -1.34 0.00	18.50 -1.18 0.00	18.23 -1.20 0.00	18.47 -1.45 0.00	20.75 -1.47 0.00	22.92 -1.01 1.92	22.59 -0.73 2.79	24.82 -0.93 1.66	23.92 -0.99 1.08	23.00 -1.39 0.38	21.21 -1.38 1.68	21.60 -1.70 0.38	20.45 -1.21 1.63	19.55 -1.32 2.26	19.29 -1.66 3.08	18.15 -1.66 5.31	18.96 -1.76 5.53	20.42 -1.55 3.88	21.17 -1.58 3.14	20.15 -1.43 4.48	19.10 -1.50 5.24	16.76 -1.67 5.05	15.50 -1.36 3.79
NM_ST_REGIS____HYD 24053	20.81 -0.75 0.00	19.51 -0.75 0.00	18.99 -0.69 0.00	18.71 -0.72 0.00	19.25 -0.68 0.00	21.44 -0.78 0.00	24.72 -1.16 -0.02	24.95 -1.25 -0.09	25.62 -1.59 0.20	24.97 -1.01 0.00	23.98 -0.79 0.00	23.62 -0.66 0.00	23.09 -0.59 0.00	22.69 -0.61 0.00	22.62 -0.51 0.00	23.42 -0.60 0.00	24.21 -0.90 0.00	24.95 -1.31 -0.01	24.63 -1.27 -0.04	24.68 -1.29 -0.09	24.81 -1.36 -0.10	24.51 -1.32 0.00	22.61 -0.87 0.00	19.89 -0.79 -0.02
NORTHPORT____1 23551	24.37 2.56 -0.24	22.58 2.33 0.00	21.98 2.30 0.00	22.13 2.37 -0.33	22.38 2.45 0.00	25.72 2.67 -0.83	35.17 3.36 -5.96	36.91 3.55 -7.24	34.29 3.95 -2.94	31.11 3.09 -2.03	29.98 2.55 -2.65	28.92 2.45 -2.19	27.58 2.32 -1.58	27.68 2.31 -2.08	27.58 2.27 -2.19	30.39 2.52 -3.85	31.51 2.74 -3.66	32.98 3.44 -3.29	35.18 3.23 -6.10	43.49 3.16 -14.44	45.32 3.18 -16.08	33.00 3.10 -4.07	30.58 2.86 -4.23	26.70 2.42 -3.63
NORTHPORT____2 23552	24.37 2.56 -0.24	22.58 2.33 0.00	21.98 2.30 0.00	22.13 2.37 -0.33	22.38 2.45 0.00	25.72 2.67 -0.83	35.17 3.36 -5.96	36.91 3.55 -7.24	34.29 3.95 -2.94	31.11 3.09 -2.03	29.98 2.55 -2.65	28.92 2.45 -2.19	27.58 2.32 -1.58	27.68 2.31 -2.08	27.58 2.27 -2.19	30.39 2.52 -3.85	31.51 2.74 -3.66	32.98 3.44 -3.29	35.18 3.23 -6.10	43.49 3.16 -14.44	45.32 3.18 -16.08	33.00 3.10 -4.07	30.58 2.86 -4.23	26.70 2.42 -3.63
NORTHPORT____3 23553	24.26 2.46 -0.24	22.50 2.25 0.00	21.90 2.22 0.00	22.03 2.27 -0.33	22.28 2.35 0.00	25.60 2.55 -0.83	35.07 3.26 -5.96	36.81 3.45 -7.24	34.18 3.84 -2.94	31.11 3.09 -2.03	30.02 2.60 -2.65	28.97 2.50 -2.19	27.65 2.39 -1.58	27.72 2.35 -2.08	27.65 2.33 -2.19	30.49 2.62 -3.85	31.59 2.81 -3.66	33.03 3.49 -3.29	35.20 3.26 -6.10	43.51 3.18 -14.44	45.34 3.20 -16.08	33.03 3.12 -4.07	30.53 2.82 -4.23	26.66 2.37 -3.63
NORTHPORT____4 23650	24.26 2.46 -0.24	22.50 2.25 0.00	21.90 2.22 0.00	22.03 2.27 -0.33	22.28 2.35 0.00	25.60 2.55 -0.83	35.07 3.26 -5.96	36.81 3.45 -7.24	34.18 3.84 -2.94	31.11 3.09 -2.03	30.02 2.60 -2.65	28.97 2.50 -2.19	27.65 2.39 -1.58	27.72 2.35 -2.08	27.65 2.33 -2.19	30.49 2.62 -3.85	31.59 2.81 -3.66	33.03 3.49 -3.29	35.20 3.26 -6.10	43.51 3.18 -14.44	45.34 3.20 -16.08	33.03 3.12 -4.07	30.53 2.82 -4.23	26.66 2.37 -3.63
NORTHPORT____IC 23718	24.37 2.56 -0.24	22.58 2.33 0.00	21.98 2.30 0.00	22.13 2.37 -0.33	22.38 2.45 0.00	25.72 2.67 -0.83	35.17 3.36 -5.96	36.91 3.55 -7.24	34.29 3.95 -2.94	31.11 3.09 -2.03	29.98 2.55 -2.65	28.92 2.45 -2.19	27.58 2.32 -1.58	27.68 2.31 -2.08	27.58 2.27 -2.19	30.39 2.52 -3.85	31.51 2.74 -3.66	32.98 3.44 -3.29	35.18 3.23 -6.10	43.49 3.16 -14.44	45.32 3.18 -16.08	33.00 3.10 -4.07	30.58 2.86 -4.23	26.70 2.42 -3.63

NORTH__COUNTRY_ESR 323785	21.26 -0.30 0.00	19.91 -0.34 0.00	19.40 -0.28 0.00	19.10 -0.33 0.00	19.67 -0.26 0.00	21.89 -0.33 0.00	25.47 -0.39 0.00	25.67 -0.44 0.00	26.90 -0.44 0.06	25.91 -0.08 0.00	24.89 0.12 0.00	24.40 0.12 0.00	23.82 0.14 0.00	23.41 0.12 0.00	23.26 0.14 0.00	24.07 0.05 0.00	24.94 -0.17 0.00	25.65 -0.60 0.00	25.28 -0.57 0.00	25.24 -0.65 0.00	25.36 -0.70 0.00	25.21 -0.62 0.00	23.13 -0.35 0.00	20.35 -0.31 0.00
NPX_GEN_1385_PROXY 323591	24.37 2.56 -0.24	22.58 2.33 0.00	21.98 2.30 0.00	22.13 2.37 -0.33	22.38 2.45 0.00	25.72 2.67 -0.83	35.22 3.41 -5.96	36.97 3.61 -7.24	34.34 4.00 -2.94	30.59 2.57 -2.03	29.43 2.01 -2.65	28.39 1.92 -2.19	27.01 1.78 -1.55	27.14 1.77 -2.08	27.09 1.78 -2.19	28.06 1.97 -2.07	30.81 2.13 -3.56	32.19 2.84 -3.10	35.00 2.87 -6.28	43.10 2.77 -14.44	44.90 2.76 -16.08	32.64 2.74 -4.07	30.23 2.51 -4.23	26.50 2.21 -3.63
NPX_GEN_CSC 323557	24.39 2.59 -0.24	22.64 2.39 0.00	22.04 2.36 0.00	22.19 2.43 -0.33	22.44 2.51 0.00	25.74 2.69 -0.83	35.07 3.26 -5.96	36.91 3.55 -7.24	34.26 3.92 -2.94	31.03 3.01 -2.03	29.70 2.28 -2.65	28.63 2.16 -2.19	27.32 2.06 -1.58	27.42 2.05 -2.08	27.32 2.01 -2.19	30.13 2.26 -3.85	31.28 2.51 -3.66	32.53 3.18 -3.10	35.10 2.97 -6.28	43.20 2.87 -14.44	45.03 2.89 -16.08	32.72 2.82 -4.07	30.39 2.68 -4.23	26.48 2.19 -3.63
NSINS_S_GLNS_FALLS 23858	23.09 1.53 0.00	21.75 1.50 0.00	21.12 1.44 0.00	20.85 1.42 0.00	21.44 1.51 0.00	23.84 1.62 0.00	30.18 2.28 -2.05	36.32 2.06 -8.14	29.66 2.22 -0.03	27.67 1.66 -0.02	26.09 1.31 -0.01	25.59 1.29 -0.03	24.89 1.21 -0.01	24.51 1.19 -0.03	24.35 1.18 -0.04	25.47 1.39 -0.06	26.69 1.48 -0.10	29.47 1.97 -1.25	31.97 1.99 -4.12	36.37 2.04 -8.44	37.55 2.14 -9.35	27.89 1.96 -0.10	25.27 1.69 -0.09	24.01 1.40 -1.95
NUCOR_STEEL__DRP 24197	21.97 0.41 0.00	20.58 0.32 0.00	20.01 0.33 0.00	19.78 0.35 0.00	20.23 0.30 0.00	22.62 0.40 0.00	26.85 0.62 -0.37	28.25 0.89 -1.24	28.45 0.96 -0.09	26.77 0.73 -0.06	25.38 0.59 -0.02	24.90 0.53 -0.09	24.20 0.50 -0.02	23.87 0.49 -0.08	23.68 0.44 -0.12	24.54 0.36 -0.16	25.74 0.35 -0.27	27.14 0.45 -0.44	27.09 0.49 -0.75	27.65 0.47 -1.30	28.10 0.55 -1.49	26.54 0.44 -0.27	24.00 0.26 -0.26	21.36 0.25 -0.45
NUMBER_THREE_WT_PWR 323818	21.50 -0.06 0.00	20.18 -0.08 0.00	19.58 -0.10 0.00	19.36 -0.08 0.00	19.85 -0.08 0.00	22.20 -0.02 0.00	26.02 0.08 -0.08	26.59 0.13 -0.35	27.56 0.11 -0.05	26.04 0.05 0.00	24.67 -0.10 0.00	24.23 -0.05 0.00	23.61 -0.07 0.00	23.18 -0.12 0.00	23.08 -0.05 0.00	23.93 -0.10 0.00	25.01 -0.10 0.00	26.30 0.00 -0.05	26.02 0.03 -0.15	26.21 0.03 -0.30	26.50 0.10 -0.33	25.83 0.00 0.00	23.46 -0.02 0.00	20.65 -0.08 -0.07
NYISO_LBMP_REFERENCE 24008	21.56 0.00 0.00	20.26 0.00 0.00	19.68 0.00 0.00	19.43 0.00 0.00	19.93 0.00 0.00	22.22 0.00 0.00	25.86 0.00 0.00	26.12 0.00 0.00	27.41 0.00 0.00	25.98 0.00 0.00	24.77 0.00 0.00	24.28 0.00 0.00	23.68 0.00 0.00	23.29 0.00 0.00	23.13 0.00 0.00	24.02 0.00 0.00	25.11 0.00 0.00	26.25 0.00 0.00	25.85 0.00 0.00	25.88 0.00 0.00	26.06 0.00 0.00	25.83 0.00 0.00	23.48 0.00 0.00	20.66 0.00 0.00
NYPA_BRENTWD__GT 24164	24.54 2.74 -0.24	22.77 2.51 0.00	22.14 2.46 0.00	22.29 2.53 -0.33	22.54 2.61 0.00	25.90 2.84 -0.83	35.40 3.59 -5.96	37.17 3.81 -7.24	34.56 4.22 -2.94	31.40 3.38 -2.03	30.22 2.80 -2.65	29.16 2.69 -2.19	27.84 2.58 -1.58	27.89 2.52 -2.08	27.81 2.50 -2.19	30.63 2.76 -3.85	31.79 3.01 -3.66	33.27 3.73 -3.29	35.46 3.52 -6.10	43.77 3.44 -14.44	45.61 3.47 -16.08	33.29 3.38 -4.07	30.82 3.10 -4.23	26.89 2.60 -3.63
NYPA_GOWANUS__GT5 24156	23.83 2.26 -0.01	22.26 2.01 0.00	21.71 2.03 0.00	21.43 2.00 0.00	22.06 2.13 0.00	24.40 2.18 0.00	30.05 2.64 -1.56	35.30 2.85 -6.33	30.67 3.26 0.00	28.64 2.65 0.00	27.05 2.28 0.00	26.49 2.21 0.00	25.81 2.13 0.00	25.41 2.12 0.00	25.25 2.13 0.00	26.42 2.40 0.00	27.70 2.59 0.00	30.48 3.33 -0.89	31.98 3.00 -3.13	35.23 2.87 -6.47	36.01 2.79 -7.15	28.62 2.79 0.00	25.97 2.49 0.00	24.28 2.17 -1.46
NYPA_GOWANUS__GT6 24157	23.83 2.26 -0.01	22.26 2.01 0.00	21.71 2.03 0.00	21.43 2.00 0.00	22.06 2.13 0.00	24.40 2.18 0.00	30.05 2.64 -1.56	35.30 2.85 -6.33	30.67 3.26 0.00	28.64 2.65 0.00	27.05 2.28 0.00	26.49 2.21 0.00	25.81 2.13 0.00	25.41 2.12 0.00	25.25 2.13 0.00	26.42 2.40 0.00	27.70 2.59 0.00	30.48 3.33 -0.89	31.98 3.00 -3.13	35.23 2.87 -6.47	36.01 2.79 -7.15	28.62 2.79 0.00	25.97 2.49 0.00	24.28 2.17 -1.46
NYPA_HARLEM_RVR_GT1 24160	23.70 2.14 -0.01	22.18 1.93 0.00	21.63 1.95 0.00	21.34 1.91 0.00	21.98 2.05 0.00	24.26 2.04 0.00	29.78 2.38 -1.55	35.05 2.61 -6.32	30.39 2.99 0.01	28.39 2.42 0.01	26.84 2.08 0.01	26.26 1.99 0.01	25.59 1.92 0.01	25.20 1.91 0.01	25.01 1.90 0.01	26.18 2.16 0.01	27.41 2.31 0.01	30.13 2.99 -0.88	31.66 2.69 -3.12	34.91 2.56 -6.46	35.73 2.53 -7.14	28.30 2.48 0.01	25.72 2.23 0.00	24.18 2.07 -1.46
NYPA_HARLEM_RVR_GT2 24161	23.70 2.14 -0.01	22.18 1.93 0.00	21.63 1.95 0.00	21.34 1.91 0.00	21.98 2.05 0.00	24.26 2.04 0.00	29.78 2.38 -1.55	35.05 2.61 -6.32	30.39 2.99 0.01	28.39 2.42 0.01	26.84 2.08 0.01	26.26 1.99 0.01	25.59 1.92 0.01	25.20 1.91 0.01	25.01 1.90 0.01	26.18 2.16 0.01	27.41 2.31 0.01	30.13 2.99 -0.88	31.66 2.69 -3.12	34.91 2.56 -6.46	35.73 2.53 -7.14	28.30 2.48 0.01	25.72 2.23 0.00	24.18 2.07 -1.46
NYPA_KENT__GT 24152	23.79 2.22 -0.01	22.24 1.99 0.00	21.67 1.99 0.00	21.42 1.98 0.00	22.02 2.09 0.00	24.37 2.15 0.00	30.05 2.64 -1.56	35.30 2.85 -6.33	30.64 3.23 0.00	28.64 2.65 0.00	27.05 2.28 0.00	26.46 2.19 0.00	25.81 2.13 0.00	25.39 2.10 0.00	25.23 2.10 0.00	26.40 2.38 0.00	27.65 2.54 0.00	30.42 3.28 -0.89	31.93 2.95 -3.13	35.18 2.82 -6.47	35.98 2.76 -7.15	28.57 2.74 0.00	25.93 2.44 0.00	24.24 2.13 -1.46
NYPA_POUCH1__GT 24155	23.83 2.26 -0.01	22.24 1.99 0.00	21.67 1.99 0.00	21.39 1.96 0.00	22.04 2.11 0.00	24.31 2.09 0.00	29.92 2.51 -1.56	35.06 2.61 -6.33	30.45 3.04 0.00	28.40 2.42 0.00	26.85 2.08 0.00	26.29 2.01 0.00	25.64 1.96 0.00	25.27 1.98 0.00	25.16 2.04 0.00	26.35 2.33 0.00	27.62 2.51 0.00	30.45 3.31 -0.89	31.90 2.92 -3.13	35.07 2.72 -6.47	35.74 2.53 -7.14	28.52 2.69 0.00	25.90 2.42 0.00	24.24 2.13 -1.46
NYPA_VERNON__GT2 24162	23.75 2.18 -0.01	22.20 1.94 0.00	21.65 1.97 0.00	21.39 1.96 0.00	22.00 2.07 0.00	24.37 2.15 0.00	30.02 2.61 -1.56	35.30 2.85 -6.33	30.64 3.23 0.00	28.61 2.62 0.00	27.05 2.28 0.00	26.46 2.19 0.00	25.79 2.11 0.00	25.37 2.07 0.00	25.21 2.08 0.00	26.35 2.33 0.00	27.60 2.49 0.00	30.34 3.20 -0.89	31.87 2.89 -3.13	35.13 2.77 -6.47	35.98 2.76 -7.15	28.52 2.69 0.00	25.88 2.40 0.00	24.18 2.07 -1.46

NYPA_VERNON____GT3 24163	23.75 2.18 -0.01	22.20 1.94 0.00	21.65 1.97 0.00	21.39 1.96 0.00	22.00 2.07 0.00	24.37 2.15 0.00	30.02 2.61 -1.56	35.30 2.85 -6.33	30.64 3.23 0.00	28.61 2.62 0.00	27.05 2.28 0.00	26.46 2.19 0.00	25.79 2.11 0.00	25.37 2.07 0.00	25.21 2.08 0.00	26.35 2.33 0.00	27.60 2.49 0.00	30.34 3.20 -0.89	31.87 2.89 -3.13	35.13 2.77 -6.47	35.98 2.76 -7.15	28.52 2.69 0.00	25.88 2.40 0.00	24.18 2.07 -1.46
NYPA____ASTORIA_CC1 323568	23.75 2.18 -0.01	22.20 1.94 0.00	21.65 1.97 0.00	21.39 1.96 0.00	22.00 2.07 0.00	24.35 2.13 0.00	30.00 2.59 -1.56	35.24 2.80 -6.33	30.58 3.18 0.00	28.58 2.60 0.00	27.00 2.23 0.00	26.44 2.16 0.00	25.76 2.08 0.00	25.35 2.05 0.00	25.18 2.06 0.00	26.33 2.31 0.00	27.58 2.46 0.00	30.32 3.18 -0.89	31.85 2.87 -3.13	35.10 2.74 -6.47	35.93 2.71 -7.15	28.49 2.66 0.00	25.85 2.37 0.00	24.18 2.07 -1.46
NYPA____ASTORIA_CC2 323569	23.75 2.18 -0.01	22.20 1.94 0.00	21.65 1.97 0.00	21.39 1.96 0.00	22.00 2.07 0.00	24.35 2.13 0.00	30.00 2.59 -1.56	35.24 2.80 -6.33	30.58 3.18 0.00	28.58 2.60 0.00	27.00 2.23 0.00	26.44 2.16 0.00	25.76 2.08 0.00	25.35 2.05 0.00	25.18 2.06 0.00	26.33 2.31 0.00	27.58 2.46 0.00	30.32 3.18 -0.89	31.85 2.87 -3.13	35.10 2.74 -6.47	35.93 2.71 -7.15	28.49 2.66 0.00	25.85 2.37 0.00	24.18 2.07 -1.46
NYPA____HOLTSVILL 23794	24.43 2.63 -0.24	22.69 2.43 0.00	22.06 2.38 0.00	22.21 2.45 -0.33	22.46 2.53 0.00	25.78 2.73 -0.83	35.22 3.41 -5.96	36.99 3.63 -7.24	34.37 4.03 -2.94	31.19 3.17 -2.03	30.00 2.58 -2.65	28.92 2.45 -2.19	27.63 2.37 -1.58	27.70 2.33 -2.08	27.60 2.29 -2.19	30.42 2.55 -3.85	31.56 2.79 -3.66	33.00 3.46 -3.29	35.20 3.26 -6.10	43.49 3.16 -14.44	45.32 3.18 -16.08	33.03 3.12 -4.07	30.65 2.94 -4.23	26.75 2.46 -3.63
NYPA____HELLGATE_GT1 24158	23.70 2.14 -0.01	22.18 1.93 0.00	21.63 1.95 0.00	21.34 1.91 0.00	21.98 2.05 0.00	24.26 2.04 0.00	29.78 2.38 -1.55	35.05 2.61 -6.32	30.39 2.99 0.01	28.39 2.42 0.01	26.84 2.08 0.01	26.26 1.99 0.01	25.59 1.92 0.01	25.20 1.91 0.01	25.01 1.90 0.01	26.18 2.16 0.01	27.41 2.31 0.01	30.13 2.99 -0.88	31.66 2.69 -3.12	34.91 2.56 -6.46	35.73 2.53 -7.14	28.30 2.48 0.01	25.72 2.23 0.00	24.18 2.07 -1.46
NYPA____HELLGATE_GT2 24159	23.70 2.14 -0.01	22.18 1.93 0.00	21.63 1.95 0.00	21.34 1.91 0.00	21.98 2.05 0.00	24.26 2.04 0.00	29.78 2.38 -1.55	35.05 2.61 -6.32	30.39 2.99 0.01	28.39 2.42 0.01	26.84 2.08 0.01	26.26 1.99 0.01	25.59 1.92 0.01	25.20 1.91 0.01	25.01 1.90 0.01	26.18 2.16 0.01	27.41 2.31 0.01	30.13 2.99 -0.88	31.66 2.69 -3.12	34.91 2.56 -6.46	35.73 2.53 -7.14	28.30 2.48 0.01	25.72 2.23 0.00	24.18 2.07 -1.46
NYS_BARGE____HYD 23848	20.74 -0.82 0.00	19.69 -0.57 0.00	18.89 -0.79 0.00	18.64 -0.80 0.00	18.87 -1.06 0.00	21.22 -1.00 0.00	22.98 -0.70 2.18	22.36 -0.44 3.31	25.06 -0.52 1.82	24.16 -0.65 1.18	23.35 -0.99 0.43	21.39 -1.04 1.85	22.29 -0.97 0.42	20.59 -0.91 1.79	19.62 -1.02 2.49	19.28 -1.34 3.40	18.54 -1.33 5.24	19.65 -1.39 5.20	20.89 -1.21 3.75	21.49 -1.22 3.17	20.51 -1.09 4.46	19.75 -1.16 4.92	17.38 -1.36 4.75	15.95 -1.10 3.61
OAK ORCHARD____HYD 24046	21.48 -0.09 0.00	20.36 0.10 0.00	19.56 -0.12 0.00	19.30 -0.14 0.00	19.61 -0.32 0.00	22.04 -0.18 0.00	25.76 0.23 0.33	26.69 0.57 0.00	27.33 0.38 0.46	25.92 0.23 0.30	24.54 -0.12 0.11	23.67 -0.14 0.46	23.43 -0.14 0.10	22.80 -0.05 0.45	22.32 -0.19 0.62	22.75 -0.43 0.84	24.76 -0.35 0.00	25.91 -0.50 -0.16	25.96 -0.34 -0.45	26.44 -0.36 -0.92	26.82 -0.26 -1.02	25.48 -0.36 -0.01	22.91 -0.59 -0.01	20.37 -0.50 -0.21
OAKDALE__35_KV_LOAD 356122	22.01 0.45 0.00	20.66 0.41 0.00	20.07 0.39 0.00	19.84 0.41 0.00	20.29 0.36 0.00	22.66 0.44 0.00	27.23 0.57 -0.81	29.72 0.81 -2.79	28.52 0.96 -0.15	26.84 0.75 -0.10	25.40 0.59 -0.04	24.89 0.46 -0.15	24.21 0.50 -0.03	23.86 0.42 -0.15	23.70 0.37 -0.21	24.59 0.29 -0.28	26.03 0.43 -0.49	27.88 0.76 -0.87	28.28 0.80 -1.63	29.60 0.80 -2.92	30.24 0.86 -3.32	27.09 0.77 -0.48	24.46 0.52 -0.46	22.05 0.45 -0.94
OCC_CHEM____DRP 24175	20.31 -1.25 0.00	18.96 -1.30 0.00	18.54 -1.14 0.00	18.27 -1.17 0.00	18.51 -1.41 0.00	20.80 -1.42 0.00	22.92 -0.98 1.96	22.54 -0.73 2.85	24.82 -0.90 1.68	23.90 -0.99 1.09	23.02 -1.36 0.39	21.21 -1.36 1.70	21.64 -1.66 0.38	20.43 -1.21 1.65	19.52 -1.32 2.29	19.27 -1.63 3.12	18.07 -1.66 5.38	18.92 -1.73 5.59	20.40 -1.53 3.92	21.15 -1.55 3.18	20.09 -1.43 4.54	19.04 -1.50 5.29	16.73 -1.64 5.11	15.46 -1.36 3.84
OH_GEN_PROXY 24063	20.70 -0.86 0.00	19.65 -0.61 0.00	18.89 -0.79 0.00	18.62 -0.82 0.00	18.87 -1.06 0.00	21.20 -1.02 0.00	23.01 -0.93 1.92	22.65 -0.65 2.81	24.96 -0.80 1.65	24.00 -0.91 1.07	23.17 -1.21 0.38	21.32 -1.29 1.67	22.10 -1.21 0.37	20.53 -1.14 1.62	19.63 -1.25 2.25	19.40 -1.56 3.06	18.91 -1.53 4.67	19.74 -1.55 4.96	21.26 -1.37 3.21	21.70 -1.37 2.81	20.83 -1.25 3.98	19.99 -1.32 4.53	17.61 -1.50 4.37	16.12 -1.24 3.30
OLIN_CORP_DRP 24177	20.44 -1.12 0.00	19.08 -1.17 0.00	18.66 -1.02 0.00	18.38 -1.05 0.00	18.63 -1.30 0.00	20.93 -1.29 0.00	22.91 -0.96 1.99	22.53 -0.68 2.91	24.91 -0.82 1.68	23.99 -0.91 1.08	23.11 -1.26 0.40	21.26 -1.31 1.70	22.08 -1.21 0.39	20.50 -1.14 1.65	19.58 -1.25 2.30	19.29 -1.59 3.14	18.09 -1.58 5.44	19.07 -1.71 5.47	20.46 -1.55 3.83	21.23 -1.55 3.10	20.26 -1.38 4.42	19.17 -1.47 5.18	16.86 -1.62 5.00	15.60 -1.30 3.76
OLIN_CORP_DSASP 323712	20.31 -1.25 0.00	19.30 -0.95 0.00	18.54 -1.14 0.00	18.27 -1.17 0.00	18.51 -1.41 0.00	20.80 -1.42 0.00	22.53 -0.98 2.34	21.79 -0.73 3.59	24.54 -0.90 1.96	23.72 -0.99 1.27	22.93 -1.39 0.46	20.93 -1.36 1.99	21.55 -1.68 0.45	20.15 -1.21 1.93	19.14 -1.32 2.67	18.75 -1.63 3.64	17.79 -1.66 5.66	18.75 -1.73 5.77	20.14 -1.53 4.18	20.75 -1.55 3.59	19.62 -1.43 5.01	18.90 -1.50 5.43	16.59 -1.64 5.24	15.29 -1.36 4.01
ONEIDA_HERK_LFGE 323681	21.82 0.26 0.00	20.48 0.22 0.00	19.88 0.20 0.00	19.65 0.21 0.00	20.15 0.22 0.00	22.53 0.31 0.00	26.32 0.39 -0.07	26.92 0.49 -0.30	27.98 0.55 -0.02	26.40 0.41 0.00	25.04 0.27 0.00	24.54 0.27 0.00	23.94 0.26 0.00	23.53 0.23 0.00	23.40 0.28 0.00	24.26 0.24 0.00	25.36 0.25 0.00	26.66 0.37 -0.04	26.34 0.36 -0.13	26.52 0.36 -0.27	26.78 0.42 -0.30	26.17 0.33 0.00	23.69 0.21 0.00	20.87 0.15 -0.06
ONEIDA____115KV_TB4 55905	22.10 0.54 0.00	20.74 0.49 0.00	20.15 0.47 0.00	19.92 0.49 0.00	20.39 0.46 0.00	22.82 0.60 0.00	26.74 0.75 -0.14	27.81 1.18 -0.51	28.58 1.15 -0.02	26.93 0.94 -0.01	25.49 0.72 0.00	24.97 0.68 -0.01	24.39 0.71 0.00	23.93 0.63 -0.01	23.79 0.65 -0.01	24.67 0.62 -0.02	25.75 0.60 -0.03	27.14 0.79 -0.11	26.90 0.78 -0.27	27.20 0.78 -0.53	27.50 0.83 -0.60	26.59 0.72 -0.03	24.01 0.49 -0.03	21.21 0.41 -0.14

ONONDAGA_REF_OCCRA 23987	21.61 0.04 0.00	20.30 0.04 0.00	19.72 0.04 0.00	19.47 0.04 0.00	19.93 0.00 0.00	22.26 0.04 0.00	26.32 0.18 -0.28	27.57 0.42 -1.03	27.88 0.44 -0.03	26.32 0.31 -0.02	24.95 0.17 -0.01	24.43 0.12 -0.03	23.83 0.14 -0.01	23.44 0.12 -0.03	23.23 0.07 -0.04	24.10 0.02 -0.05	25.28 0.08 -0.09	26.70 0.21 -0.24	26.70 0.28 -0.56	27.22 0.26 -1.08	27.56 0.29 -1.21	26.13 0.21 -0.09	23.64 0.07 -0.09	21.02 0.06 -0.30
ONONDAGA___COGEN 23986	21.65 0.09 0.00	20.32 0.06 0.00	19.74 0.06 0.00	19.51 0.08 0.00	19.97 0.04 0.00	22.31 0.09 0.00	26.31 0.21 -0.25	27.46 0.42 -0.93	27.87 0.44 -0.03	26.31 0.31 -0.01	24.97 0.20 -0.01	24.44 0.15 -0.02	23.83 0.14 -0.01	23.46 0.14 -0.02	23.25 0.09 -0.03	24.09 0.02 -0.04	25.26 0.08 -0.07	26.64 0.18 -0.20	26.61 0.26 -0.50	27.08 0.23 -0.97	27.43 0.29 -1.08	26.11 0.21 -0.07	23.62 0.07 -0.07	21.00 0.08 -0.26
ONTARIO___LFGE 23819	22.08 0.52 0.00	20.80 0.55 0.00	20.11 0.43 0.00	19.84 0.41 0.00	20.25 0.32 0.00	22.73 0.51 0.00	28.26 0.77 -1.63	30.81 1.05 -3.64	29.49 1.12 -0.96	27.52 0.91 -0.63	25.66 0.67 -0.22	25.76 0.51 -0.98	24.42 0.52 -0.22	24.73 0.49 -0.95	24.83 0.39 -1.32	26.01 0.19 -1.79	28.98 0.35 -3.51	30.63 0.47 -3.91	29.96 0.62 -3.49	30.51 0.60 -4.03	31.83 0.65 -5.12	29.80 0.54 -3.42	27.07 0.28 -3.30	23.85 0.27 -2.92
ORANGEVILLE_WT_PWR 323706	21.26 -0.30 0.00	20.11 -0.14 0.00	19.36 -0.32 0.00	19.10 -0.33 0.00	19.37 -0.56 0.00	21.75 -0.47 0.00	15.71 -0.46 9.68	8.98 -0.18 16.96	19.94 -0.11 7.36	20.94 -0.26 4.78	22.59 -0.47 1.71	16.14 -0.68 7.46	21.44 -0.57 1.67	15.40 -0.65 7.24	12.34 -0.76 10.03	9.27 -1.08 13.67	1.06 -1.03 23.02	1.14 -0.79 24.32	6.36 -0.62 18.87	7.15 -0.62 18.11	1.19 -0.52 24.35	2.77 -0.62 22.44	1.01 -0.82 21.65	2.64 -0.72 17.30
ORANGEVILLE___ESR 323794	21.26 -0.30 0.00	20.11 -0.14 0.00	19.36 -0.32 0.00	19.10 -0.33 0.00	19.37 -0.56 0.00	21.75 -0.47 0.00	15.71 -0.46 9.68	8.98 -0.18 16.96	19.94 -0.11 7.36	20.94 -0.26 4.78	22.59 -0.47 1.71	16.14 -0.68 7.46	21.44 -0.57 1.67	15.40 -0.65 7.24	12.34 -0.76 10.03	9.27 -1.08 13.67	1.06 -1.03 23.02	1.14 -0.79 24.32	6.36 -0.62 18.87	7.15 -0.62 18.11	1.19 -0.52 24.35	2.77 -0.62 22.44	1.01 -0.82 21.65	2.64 -0.72 17.30
OSWEGATCHIE___HYD 24044	20.92 -0.65 0.00	19.63 -0.63 0.00	19.07 -0.61 0.00	18.83 -0.60 0.00	19.33 -0.60 0.00	21.57 -0.65 0.00	24.88 -1.04 -0.06	25.19 -1.12 -0.20	25.73 -1.40 0.28	25.00 -0.99 0.00	23.85 -0.92 0.00	23.50 -0.78 0.00	22.94 -0.73 0.00	22.55 -0.75 0.00	22.48 -0.65 0.00	23.28 -0.74 0.00	24.16 -0.95 0.00	25.07 -1.21 -0.03	24.80 -1.14 -0.08	24.89 -1.16 -0.17	25.11 -1.15 -0.19	24.67 -1.16 0.00	22.66 -0.82 0.00	19.93 -0.76 -0.04
OSWEGO___5 23606	21.24 -0.32 0.00	19.97 -0.28 0.00	19.36 -0.32 0.00	19.14 -0.29 0.00	19.59 -0.34 0.00	21.86 -0.36 0.00	25.71 -0.31 -0.16	26.55 -0.21 -0.64	27.22 -0.19 0.00	25.72 -0.26 0.00	24.42 -0.35 0.00	23.91 -0.36 0.00	23.35 -0.33 0.00	22.97 -0.33 0.00	22.75 -0.37 0.00	23.59 -0.43 0.00	24.69 -0.43 0.00	25.98 -0.37 -0.09	25.80 -0.31 -0.26	26.12 -0.31 -0.54	26.38 -0.29 -0.60	25.50 -0.34 0.00	23.08 -0.40 0.00	20.47 -0.31 -0.12
OSWEGO___6 23613	21.24 -0.32 0.00	19.97 -0.28 0.00	19.36 -0.32 0.00	19.14 -0.29 0.00	19.59 -0.34 0.00	21.86 -0.36 0.00	25.71 -0.31 -0.16	26.55 -0.21 -0.64	27.22 -0.19 0.00	25.72 -0.26 0.00	24.42 -0.35 0.00	23.91 -0.36 0.00	23.35 -0.33 0.00	22.97 -0.33 0.00	22.75 -0.37 0.00	23.59 -0.43 0.00	24.69 -0.43 0.00	25.98 -0.37 -0.09	25.80 -0.31 -0.26	26.12 -0.31 -0.54	26.38 -0.29 -0.60	25.50 -0.34 0.00	23.08 -0.40 0.00	20.47 -0.31 -0.12
OUTOKUMPU-AB___DRP 24206	20.85 -0.71 0.00	19.45 -0.81 0.00	19.01 -0.67 0.00	18.73 -0.70 0.00	18.97 -0.96 0.00	21.33 -0.89 0.00	23.08 -0.65 2.13	22.65 -0.31 3.16	25.23 -0.38 1.80	24.32 -0.49 1.17	23.51 -0.84 0.42	21.53 -0.92 1.82	22.27 -0.99 0.41	20.76 -0.77 1.77	19.79 -0.88 2.45	19.45 -1.23 3.35	18.10 -1.23 5.78	19.09 -1.21 5.95	20.64 -1.01 4.21	21.39 -1.04 3.46	20.27 -0.89 4.91	19.25 -0.96 5.62	16.86 -1.20 5.43	15.60 -0.97 4.09
OXBOW____ 24026	20.64 -0.93 0.00	19.59 -0.67 0.00	18.79 -0.89 0.00	18.54 -0.89 0.00	18.77 -1.16 0.00	21.09 -1.13 0.00	22.68 -0.75 2.43	21.87 -0.50 3.75	24.81 -0.58 2.02	23.97 -0.70 1.31	23.24 -1.06 0.47	21.13 -1.09 2.05	21.92 -1.30 0.46	20.37 -0.93 1.99	19.33 -1.04 2.75	18.90 -1.37 3.76	17.87 -1.38 5.86	18.89 -1.42 5.94	20.29 -1.24 4.32	20.92 -1.24 3.72	19.75 -1.12 5.19	19.04 -1.19 5.60	16.69 -1.39 5.40	15.39 -1.14 4.14
OXY_CHEM_DSASP 323612	20.31 -1.25 0.00	19.30 -0.95 0.00	18.54 -1.14 0.00	18.27 -1.17 0.00	18.51 -1.41 0.00	20.80 -1.42 0.00	22.53 -0.98 2.34	21.79 -0.73 3.59	24.54 -0.90 1.96	23.72 -0.99 1.27	22.93 -1.39 0.46	20.93 -1.36 1.99	21.55 -1.68 0.45	20.15 -1.21 1.93	19.14 -1.32 2.67	18.75 -1.63 3.64	17.79 -1.66 5.66	18.75 -1.73 5.77	20.14 -1.53 4.18	20.75 -1.55 3.59	19.62 -1.43 5.01	18.90 -1.50 5.43	16.59 -1.64 5.24	15.29 -1.36 4.01
OZONE_PARK_ESR 323760	23.80 2.24 0.00	22.36 2.11 0.00	21.69 2.01 0.00	21.43 2.00 0.00	22.04 2.11 0.00	24.46 2.24 0.00	30.28 2.79 -1.63	35.51 2.98 -6.41	30.85 3.40 -0.05	28.79 2.78 -0.03	27.18 2.40 -0.01	26.61 2.28 -0.05	25.89 2.20 -0.01	25.51 2.17 -0.05	25.36 2.17 -0.06	26.53 2.43 -0.09	27.87 2.61 -0.15	30.64 3.33 -1.05	32.16 3.02 -3.28	35.41 2.87 -6.65	36.34 2.89 -7.38	28.82 2.84 -0.14	26.14 2.51 -0.14	24.36 2.13 -1.57
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	20.31 -1.25 0.00	18.96 -1.30 0.00	18.54 -1.14 0.00	18.27 -1.17 0.00	18.51 -1.41 0.00	20.80 -1.42 0.00	22.92 -0.98 1.96	22.54 -0.73 2.85	24.82 -0.90 1.68	23.90 -0.99 1.09	23.02 -1.36 0.39	21.21 -1.36 1.70	21.64 -1.66 0.38	20.43 -1.21 1.65	19.52 -1.32 2.29	19.27 -1.63 3.12	18.07 -1.66 5.38	18.92 -1.73 5.59	20.40 -1.53 3.92	21.15 -1.55 3.18	20.09 -1.43 4.54	19.04 -1.50 5.29	16.73 -1.64 5.11	15.46 -1.36 3.84
PACKARD___115KV_DUPONT_184 80571	20.31 -1.25 0.00	18.96 -1.30 0.00	18.54 -1.14 0.00	18.27 -1.17 0.00	18.51 -1.41 0.00	20.80 -1.42 0.00	22.92 -0.98 1.96	22.54 -0.73 2.85	24.82 -0.90 1.68	23.90 -0.99 1.09	23.02 -1.36 0.39	21.21 -1.36 1.70	21.64 -1.66 0.38	20.43 -1.21 1.65	19.52 -1.32 2.29	19.27 -1.63 3.12	18.07 -1.66 5.38	18.92 -1.73 5.59	20.40 -1.53 3.92	21.15 -1.55 3.18	20.09 -1.43 4.54	19.04 -1.50 5.29	16.73 -1.64 5.11	15.46 -1.36 3.84
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	23.72 2.16 0.00	22.36 2.11 0.00	21.67 1.99 0.00	21.40 1.96 0.00	22.02 2.09 0.00	24.33 2.11 0.00	29.91 2.43 -1.63	35.14 2.61 -6.41	30.50 3.04 -0.05	28.48 2.47 -0.03	26.91 2.13 -0.01	26.36 2.04 -0.05	25.65 1.97 -0.01	25.30 1.96 -0.05	25.13 1.94 -0.06	26.32 2.21 -0.09	27.62 2.36 -0.15	30.35 3.05 -1.05	31.87 2.74 -3.28	35.10 2.56 -6.65	36.00 2.55 -7.38	28.51 2.53 -0.14	25.90 2.28 -0.14	24.33 2.09 -1.58

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	23.87 2.31 0.00	22.48 2.23 0.00	21.80 2.13 0.00	21.51 2.08 0.00	22.16 2.23 0.00	24.46 2.24 0.00	29.99 2.51 -1.63	35.32 2.79 -6.41	30.58 3.12 -0.05	28.51 2.49 -0.03	26.91 2.13 -0.01	26.51 2.18 -0.05	25.68 1.99 -0.01	25.30 1.96 -0.05	25.15 1.97 -0.06	26.29 2.19 -0.09	27.60 2.34 -0.15	30.32 3.02 -1.05	31.87 2.74 -3.28	35.10 2.56 -6.65	36.00 2.55 -7.38	28.53 2.56 -0.14	25.92 2.30 -0.14	24.35 2.11 -1.58
PATROON__115KV_TB1 80586	22.45 0.88 0.00	21.23 0.97 0.00	20.64 0.96 0.00	20.39 0.95 0.00	20.92 1.00 0.00	23.22 1.00 0.00	29.15 1.32 -1.98	35.29 1.31 -7.86	28.95 1.51 -0.03	26.92 0.91 -0.02	25.45 0.67 -0.01	24.97 0.66 -0.03	24.30 0.62 -0.01	23.96 0.63 -0.03	23.79 0.62 -0.04	24.85 0.77 -0.06	26.07 0.85 -0.11	28.76 1.29 -1.22	31.11 1.27 -3.99	35.29 1.24 -8.16	36.37 1.28 -9.03	27.12 1.19 -0.10	24.59 1.01 -0.10	23.39 0.85 -1.89
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	21.37 -0.19 0.00	19.93 -0.32 0.00	19.46 -0.22 0.00	19.20 -0.23 0.00	19.45 -0.48 0.00	21.86 -0.36 0.00	22.76 -0.98 2.11	22.38 -0.65 3.08	25.33 -0.27 1.80	24.37 -0.44 1.17	24.00 -0.35 0.42	21.64 -0.80 1.83	22.86 -0.40 0.41	20.75 -0.77 1.78	19.85 -0.81 2.47	19.55 -1.10 3.36	18.37 -0.93 5.81	20.15 -0.13 5.97	21.69 0.03 4.18	22.53 0.03 3.38	21.39 0.16 4.83	20.26 0.08 5.65	17.77 -0.26 5.45	16.40 -0.17 4.09
PAWLING_115_KV_BK3_REV_LBMP_H 345028	23.52 1.96 0.00	22.12 1.86 0.00	21.47 1.79 0.00	21.26 1.83 0.00	21.80 1.87 0.00	24.29 2.07 0.00	30.03 2.53 -1.64	35.26 2.66 -6.48	30.47 3.01 -0.05	28.38 2.36 -0.03	26.84 2.06 -0.01	26.29 1.97 -0.05	25.54 1.85 -0.01	25.20 1.86 -0.04	25.01 1.83 -0.06	26.20 2.09 -0.08	27.47 2.21 -0.15	30.17 2.86 -1.06	31.85 2.69 -3.31	35.19 2.59 -6.72	36.18 2.66 -7.45	28.56 2.58 -0.14	25.78 2.16 -0.14	24.09 1.84 -1.59
PEEKSKILL____ 23653	23.42 1.85 0.00	21.96 1.70 0.00	21.39 1.71 0.00	21.16 1.73 0.00	21.74 1.81 0.00	24.18 1.96 0.00	29.84 2.43 -1.55	35.03 2.61 -6.30	30.34 2.93 0.00	28.32 2.34 0.00	26.78 2.01 0.00	26.19 1.92 0.00	25.50 1.82 0.00	25.09 1.79 0.00	24.91 1.78 0.00	26.04 2.02 0.00	27.27 2.16 0.00	29.95 2.81 -0.89	31.55 2.58 -3.11	34.84 2.51 -6.44	35.74 2.56 -7.12	28.31 2.48 0.00	25.62 2.14 0.00	23.90 1.80 -1.44
PGE MADISON__WINDPWR 24146	23.24 1.68 0.00	21.82 1.56 0.00	21.08 1.40 0.00	20.85 1.42 0.00	21.32 1.39 0.00	23.97 1.75 0.00	29.13 2.20 -1.08	31.66 2.53 -3.01	30.50 2.77 -0.33	28.56 2.36 -0.21	26.80 1.96 -0.08	26.41 1.80 -0.33	25.53 1.78 -0.07	25.22 1.58 -0.34	25.34 1.74 -0.48	26.35 1.68 -0.65	28.18 1.93 -1.14	30.17 2.36 -1.55	30.40 2.38 -2.17	31.68 2.33 -3.47	32.56 2.45 -4.04	29.10 2.17 -1.09	26.16 1.62 -1.06	23.42 1.34 -1.42
PIERCEFIELD__HYD 23852	20.70 -0.86 0.00	19.43 -0.83 0.00	18.89 -0.79 0.00	18.62 -0.82 0.00	19.15 -0.78 0.00	21.33 -0.89 0.00	24.51 -1.37 -0.02	24.75 -1.46 -0.10	25.29 -1.89 0.22	24.71 -1.27 0.00	23.73 -1.04 0.00	23.40 -0.87 0.00	22.87 -0.81 0.00	22.48 -0.82 0.00	22.43 -0.69 0.00	23.23 -0.79 0.00	23.98 -1.13 0.00	24.74 -1.52 -0.01	24.45 -1.45 -0.05	24.48 -1.50 -0.10	24.64 -1.54 -0.11	24.33 -1.50 0.00	22.47 -1.01 0.00	19.75 -0.93 -0.02
PINELAWN_CC_1 323563	24.39 2.59 -0.24	22.62 2.37 0.00	22.02 2.34 0.00	22.15 2.39 -0.33	22.40 2.47 0.00	25.74 2.69 -0.83	35.25 3.44 -5.96	37.02 3.66 -7.24	34.37 4.03 -2.94	31.24 3.22 -2.03	30.15 2.72 -2.65	29.09 2.62 -2.19	27.74 2.49 -1.58	27.82 2.45 -2.08	27.72 2.40 -2.19	30.56 2.69 -3.85	31.69 2.91 -3.66	33.16 3.62 -3.29	35.36 3.41 -6.10	43.64 3.31 -14.44	45.50 3.36 -16.08	33.19 3.28 -4.07	30.70 2.98 -4.23	26.81 2.52 -3.63
PJM_GEN_HTP_PROXY 323702	23.64 2.07 -0.01	22.08 1.82 0.00	21.55 1.87 0.00	21.30 1.87 0.00	21.90 1.97 0.00	24.31 2.09 0.00	30.02 2.61 -1.56	35.27 2.82 -6.33	30.58 3.18 0.00	28.56 2.57 0.00	26.97 2.20 0.00	26.39 2.11 0.00	25.69 2.01 0.00	25.30 2.00 0.00	25.09 1.96 0.00	26.26 2.23 0.00	27.50 2.39 0.00	30.03 3.07 -0.71	31.96 2.79 -3.31	35.05 2.69 -6.47	35.90 2.69 -7.15	28.47 2.64 0.00	25.81 2.33 0.00	24.05 1.94 -1.45
PJM_GEN_KEystone 24065	22.36 0.80 0.00	21.04 0.79 0.00	20.43 0.75 0.00	20.19 0.76 0.00	20.62 0.70 0.00	23.04 0.82 0.00	27.35 0.98 -0.51	30.50 1.20 -3.18	28.49 1.45 0.37	26.81 1.07 0.24	25.50 0.82 0.09	24.55 0.66 0.38	24.30 0.71 0.08	23.51 0.58 0.37	23.17 0.55 0.51	23.88 0.55 0.69	24.86 0.75 1.00	26.83 1.31 0.73	28.40 1.27 -1.28	30.36 1.24 -3.23	30.76 1.33 -3.37	26.02 1.21 1.02	23.41 0.91 0.99	21.56 0.78 -0.12
PJM_GEN_NEPTUNE_PROXY 323594	24.05 2.35 -0.13	22.38 2.13 0.00	21.79 2.11 0.00	21.77 2.16 -0.18	22.18 2.25 0.00	25.12 2.44 -0.46	32.93 3.08 -3.99	36.22 3.26 -6.84	32.68 3.65 -1.63	30.02 2.91 -1.13	28.69 2.45 -1.47	27.84 2.35 -1.21	26.80 2.25 -0.88	26.66 2.21 -1.15	26.53 2.20 -1.21	28.61 2.45 -2.13	29.78 2.64 -2.03	31.59 3.31 -2.04	33.88 3.07 -4.96	39.77 3.00 -10.89	41.18 3.02 -12.09	31.03 2.94 -2.26	28.48 2.65 -2.35	25.57 2.25 -2.66
PJM_GEN_VFT_PROXY 323633	23.60 2.03 -0.01	22.08 1.82 0.00	21.55 1.87 0.00	21.30 1.87 0.00	21.88 1.95 0.00	24.26 2.04 0.00	29.97 2.56 -1.56	35.22 2.77 -6.33	30.48 3.07 0.00	28.56 2.57 0.00	26.92 2.15 0.00	26.29 2.01 0.00	25.62 1.94 0.00	25.21 1.91 0.00	25.02 1.90 0.00	26.18 2.16 0.00	27.42 2.31 0.00	29.95 2.99 -0.71	31.88 2.71 -3.31	34.95 2.59 -6.47	35.82 2.61 -7.15	28.36 2.53 0.00	25.74 2.25 0.00	23.97 1.86 -1.45
PLATSBRG_115KV_PMLD1 355749	21.50 -0.06 0.00	20.11 -0.14 0.00	19.62 -0.06 0.00	19.32 -0.12 0.00	19.87 -0.06 0.00	22.11 -0.11 0.00	25.82 -0.05 -0.01	25.97 -0.18 -0.04	27.30 -0.05 0.05	26.24 0.26 0.00	25.19 0.42 0.00	24.69 0.41 0.00	24.10 0.43 0.00	23.69 0.40 0.00	23.54 0.42 0.00	24.33 0.31 0.00	25.21 0.10 0.00	25.97 -0.29 -0.01	25.61 -0.26 -0.02	25.59 -0.34 -0.04	25.72 -0.39 -0.05	25.50 -0.34 0.00	23.39 -0.09 0.00	20.57 -0.10 -0.01
PLEASANTVLY__LBMP 24000	23.24 1.68 0.00	21.88 1.62 0.00	21.25 1.57 0.00	21.01 1.57 0.00	21.56 1.63 0.00	24.00 1.78 0.00	29.74 2.22 -1.66	35.01 2.32 -6.56	30.14 2.69 -0.05	28.07 2.05 -0.03	26.51 1.73 -0.01	25.97 1.65 -0.04	25.25 1.56 -0.01	24.88 1.54 -0.04	24.73 1.55 -0.06	25.86 1.75 -0.08	27.16 1.91 -0.14	29.81 2.49 -1.07	31.53 2.33 -3.36	34.95 2.25 -6.81	35.91 2.29 -7.55	28.19 2.22 -0.14	25.54 1.93 -0.13	23.88 1.61 -1.61
PLSNTVLE_13_KV_13.8KVDIST 80602	23.48 1.92 0.00	22.12 1.86 0.00	21.45 1.77 0.00	21.22 1.79 0.00	21.80 1.87 0.00	24.22 2.00 0.00	30.03 2.53 -1.63	35.22 2.66 -6.44	30.50 3.04 -0.05	28.40 2.39 -0.03	26.86 2.08 -0.01	26.31 1.99 -0.05	25.58 1.89 -0.01	25.20 1.86 -0.04	25.04 1.85 -0.06	26.20 2.09 -0.08	27.52 2.26 -0.15	30.22 2.91 -1.06	31.84 2.69 -3.30	35.16 2.59 -6.69	36.09 2.61 -7.42	28.53 2.56 -0.14	25.83 2.21 -0.14	24.10 1.86 -1.58

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	23.48 1.92 0.00	22.12 1.86 0.00	21.45 1.77 0.00	21.22 1.79 0.00	21.80 1.87 0.00	24.22 2.00 0.00	30.03 2.53 -1.63	35.22 2.66 -6.44	30.50 3.04 -0.05	28.40 2.39 -0.03	26.86 2.08 -0.01	26.31 1.99 -0.05	25.58 1.89 -0.01	25.20 1.86 -0.04	25.04 1.85 -0.06	26.20 2.09 -0.08	27.52 2.26 -0.15	30.22 2.91 -1.06	31.84 2.69 -3.30	35.16 2.59 -6.69	36.09 2.61 -7.42	28.53 2.56 -0.14	25.83 2.21 -0.14	24.10 1.86 -1.58
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	23.35 1.79 0.00	21.98 1.72 0.00	21.33 1.65 0.00	21.10 1.67 0.00	21.66 1.73 0.00	24.11 1.89 0.00	29.90 2.38 -1.66	35.15 2.48 -6.55	30.27 2.82 -0.05	28.17 2.16 -0.03	26.61 1.83 -0.01	26.05 1.72 -0.05	25.35 1.66 -0.01	24.97 1.63 -0.04	24.80 1.62 -0.06	25.95 1.85 -0.08	27.26 2.01 -0.14	29.97 2.65 -1.07	31.68 2.48 -3.35	35.07 2.38 -6.80	36.05 2.45 -7.54	28.32 2.35 -0.14	25.64 2.02 -0.14	23.96 1.69 -1.60
POLETTI____ 23519	23.63 2.07 0.00	22.22 1.96 0.00	21.55 1.87 0.00	21.32 1.88 0.00	21.90 1.97 0.00	24.31 2.09 0.00	30.07 2.59 -1.63	35.27 2.74 -6.41	30.58 3.12 -0.05	28.56 2.55 -0.03	26.96 2.18 -0.01	26.41 2.09 -0.05	25.70 2.01 -0.01	25.32 1.98 -0.05	25.15 1.97 -0.06	26.34 2.23 -0.09	27.62 2.36 -0.15	30.35 3.05 -1.05	31.90 2.77 -3.28	35.15 2.61 -6.65	36.08 2.63 -7.38	28.59 2.61 -0.14	25.95 2.32 -0.14	24.18 1.94 -1.57
PORT_JEFF_3 23555	24.48 2.67 -0.24	22.73 2.47 0.00	22.10 2.42 0.00	22.25 2.49 -0.33	22.50 2.57 0.00	25.83 2.78 -0.83	35.30 3.49 -5.96	37.07 3.71 -7.24	34.45 4.11 -2.94	31.27 3.25 -2.03	30.08 2.65 -2.65	29.02 2.55 -2.19	27.70 2.44 -1.58	27.77 2.40 -2.08	27.69 2.38 -2.19	30.49 2.62 -3.85	31.64 2.86 -3.66	33.11 3.57 -3.29	35.31 3.36 -6.10	43.59 3.26 -14.44	45.42 3.28 -16.08	33.13 3.23 -4.07	30.72 3.01 -4.23	26.81 2.52 -3.63
PORT_JEFF_4 23616	24.48 2.67 -0.24	22.73 2.47 0.00	22.10 2.42 0.00	22.25 2.49 -0.33	22.50 2.57 0.00	25.83 2.78 -0.83	35.30 3.49 -5.96	37.07 3.71 -7.24	34.45 4.11 -2.94	31.27 3.25 -2.03	30.08 2.65 -2.65	29.02 2.55 -2.19	27.70 2.44 -1.58	27.77 2.40 -2.08	27.69 2.38 -2.19	30.49 2.62 -3.85	31.64 2.86 -3.66	33.11 3.57 -3.29	35.31 3.36 -6.10	43.59 3.26 -14.44	45.42 3.28 -16.08	33.13 3.23 -4.07	30.72 3.01 -4.23	26.81 2.52 -3.63
PORT_JEFF_IC 23713	24.50 2.69 -0.24	22.75 2.49 0.00	22.12 2.44 0.00	22.27 2.51 -0.33	22.52 2.59 0.00	25.85 2.80 -0.83	35.35 3.54 -5.96	37.12 3.76 -7.24	34.48 4.14 -2.94	31.32 3.30 -2.03	30.10 2.68 -2.65	29.04 2.57 -2.19	27.72 2.46 -1.58	27.79 2.42 -2.08	27.72 2.40 -2.19	30.54 2.67 -3.85	31.69 2.91 -3.66	33.16 3.62 -3.29	35.33 3.39 -6.10	43.64 3.31 -14.44	45.48 3.34 -16.08	33.16 3.25 -4.07	30.77 3.05 -4.23	26.83 2.54 -3.63
PPL PILGRIM_ST_GT1 24216	24.54 2.74 -0.24	22.77 2.51 0.00	22.14 2.46 0.00	22.29 2.53 -0.33	22.54 2.61 0.00	25.90 2.84 -0.83	35.40 3.59 -5.96	37.17 3.81 -7.24	34.56 4.22 -2.94	31.40 3.38 -2.03	30.22 2.80 -2.65	29.16 2.69 -2.19	27.84 2.58 -1.58	27.89 2.52 -2.08	27.81 2.50 -2.19	30.63 2.76 -3.85	31.79 3.01 -3.66	33.27 3.73 -3.29	35.46 3.52 -6.10	43.77 3.44 -14.44	45.61 3.47 -16.08	33.29 3.38 -4.07	30.82 3.10 -4.23	26.89 2.60 -3.63
PPL PILGRIM_ST_GT2 24217	24.54 2.74 -0.24	22.77 2.51 0.00	22.14 2.46 0.00	22.29 2.53 -0.33	22.54 2.61 0.00	25.90 2.84 -0.83	35.40 3.59 -5.96	37.17 3.81 -7.24	34.56 4.22 -2.94	31.40 3.38 -2.03	30.22 2.80 -2.65	29.16 2.69 -2.19	27.84 2.58 -1.58	27.89 2.52 -2.08	27.81 2.50 -2.19	30.63 2.76 -3.85	31.79 3.01 -3.66	33.27 3.73 -3.29	35.46 3.52 -6.10	43.77 3.44 -14.44	45.61 3.47 -16.08	33.29 3.38 -4.07	30.82 3.10 -4.23	26.89 2.60 -3.63
PPL_SHRM_GT3 24213	24.41 2.61 -0.24	22.67 2.41 0.00	22.04 2.36 0.00	22.21 2.45 -0.33	22.44 2.51 0.00	25.76 2.71 -0.83	35.07 3.26 -5.96	36.91 3.55 -7.24	34.26 3.92 -2.94	31.01 2.99 -2.03	29.68 2.25 -2.65	28.60 2.14 -2.19	27.32 2.06 -1.58	27.40 2.03 -2.08	27.32 2.01 -2.19	30.13 2.26 -3.85	31.28 2.51 -3.66	32.71 3.18 -3.29	34.92 2.97 -6.10	43.20 2.87 -14.44	45.03 2.89 -16.08	32.75 2.84 -4.07	30.39 2.68 -4.23	26.50 2.21 -3.63
PPL_SHRM_GT4 24214	24.41 2.61 -0.24	22.67 2.41 0.00	22.04 2.36 0.00	22.21 2.45 -0.33	22.44 2.51 0.00	25.76 2.71 -0.83	35.07 3.26 -5.96	36.91 3.55 -7.24	34.26 3.92 -2.94	31.01 2.99 -2.03	29.68 2.25 -2.65	28.60 2.14 -2.19	27.32 2.06 -1.58	27.40 2.03 -2.08	27.32 2.01 -2.19	30.13 2.26 -3.85	31.28 2.51 -3.66	32.71 3.18 -3.29	34.92 2.97 -6.10	43.20 2.87 -14.44	45.03 2.89 -16.08	32.75 2.84 -4.07	30.39 2.68 -4.23	26.50 2.21 -3.63
PROJECT____ORANGE 1 24174	21.54 -0.02 0.00	20.22 -0.04 0.00	19.64 -0.04 0.00	19.39 -0.04 0.00	19.85 -0.08 0.00	22.20 -0.02 0.00	26.15 0.10 -0.19	27.23 0.31 -0.80	27.73 0.33 0.00	26.19 0.21 0.00	24.87 0.10 0.00	24.29 0.02 0.01	23.72 0.05 0.00	23.33 0.05 0.01	23.12 0.00 0.01	23.94 -0.07 0.01	25.06 -0.03 0.02	26.42 0.08 -0.09	26.39 0.16 -0.39	26.84 0.13 -0.83	27.15 0.18 -0.91	25.91 0.10 0.02	23.44 -0.02 0.02	20.83 0.00 -0.17
PROJECT____ORANGE 2 24166	21.54 -0.02 0.00	20.22 -0.04 0.00	19.64 -0.04 0.00	19.39 -0.04 0.00	19.85 -0.08 0.00	22.20 -0.02 0.00	26.15 0.10 -0.19	27.23 0.31 -0.80	27.73 0.33 0.00	26.19 0.21 0.00	24.87 0.10 0.00	24.29 0.02 0.01	23.72 0.05 0.00	23.33 0.05 0.01	23.12 0.00 0.01	23.94 -0.07 0.01	25.06 -0.03 0.02	26.42 0.08 -0.09	26.39 0.16 -0.39	26.84 0.13 -0.83	27.15 0.18 -0.91	25.91 0.10 0.02	23.44 -0.02 0.02	20.83 0.00 -0.17
PUCKETT____SOLAR 323809	22.38 0.82 0.00	21.04 0.79 0.00	20.41 0.73 0.00	20.17 0.74 0.00	20.62 0.70 0.00	23.09 0.87 0.00	27.57 1.09 -0.63	29.78 1.33 -2.33	28.91 1.51 0.00	27.26 1.27 0.00	25.81 1.04 0.00	25.15 0.87 0.00	24.58 0.90 0.00	24.09 0.79 0.00	23.91 0.79 0.00	24.77 0.75 0.00	26.02 0.90 0.00	27.89 1.29 -0.36	28.38 1.32 -1.21	29.68 1.29 -2.50	30.20 1.38 -2.76	27.07 1.24 0.00	24.42 0.94 0.00	22.00 0.78 -0.56
PYRITES____HYD 24023	21.15 -0.41 0.00	19.83 -0.43 0.00	19.29 -0.39 0.00	19.01 -0.43 0.00	19.53 -0.40 0.00	21.80 -0.42 0.00	25.00 -0.88 -0.02	25.29 -0.91 -0.09	25.81 -1.37 0.22	25.20 -0.78 0.00	24.18 -0.59 0.00	23.84 -0.44 0.00	23.32 -0.36 0.00	22.90 -0.40 0.00	22.85 -0.28 0.00	23.66 -0.36 0.00	24.46 -0.65 0.00	25.24 -1.02 -0.01	24.94 -0.96 -0.05	24.99 -0.98 -0.09	25.15 -1.02 -0.10	24.85 -0.98 0.00	22.90 -0.59 0.00	20.14 -0.54 -0.02
QUAKERRD_115KV_BK1 80622	21.39 -0.17 0.00	20.01 -0.24 0.00	19.48 -0.20 0.00	19.22 -0.21 0.00	19.57 -0.36 0.00	21.98 -0.24 0.00	25.53 0.05 0.37	26.43 0.39 0.08	27.15 0.22 0.48	25.78 0.10 0.31	24.41 -0.25 0.11	23.55 -0.24 0.48	23.29 -0.28 0.11	22.66 -0.16 0.47	22.20 -0.28 0.65	22.63 -0.50 0.89	23.20 -0.38 1.53	24.27 -0.50 1.48	24.74 -0.36 0.75	25.35 -0.39 0.14	25.30 -0.31 0.45	23.94 -0.39 1.50	21.45 -0.59 1.45	19.27 -0.48 0.92

QUENSBRY_I15KV_TB8 356137	23.09 1.53 0.00	21.75 1.50 0.00	21.12 1.44 0.00	20.85 1.42 0.00	21.44 1.51 0.00	23.84 1.62 0.00	30.20 2.30 -2.05	36.30 2.04 -8.15	29.66 2.22 -0.03	27.69 1.69 -0.02	26.11 1.34 -0.01	25.62 1.31 -0.03	24.92 1.23 -0.01	24.54 1.21 -0.03	24.37 1.20 -0.04	25.50 1.42 -0.06	26.72 1.51 -0.10	29.52 2.02 -1.25	31.99 2.02 -4.13	36.41 2.07 -8.45	37.58 2.16 -9.35	27.92 1.99 -0.10	25.29 1.71 -0.09	24.03 1.43 -1.95
RAMAPO____LBMP 323565	23.33 1.77 0.00	21.96 1.70 0.00	21.31 1.63 0.00	21.08 1.65 0.00	21.64 1.71 0.00	24.09 1.87 0.00	29.78 2.33 -1.60	34.87 2.46 -6.30	30.28 2.82 -0.05	28.25 2.23 -0.03	26.69 1.91 -0.01	26.15 1.82 -0.05	25.42 1.73 -0.01	25.04 1.70 -0.05	24.88 1.69 -0.06	26.01 1.90 -0.09	27.32 2.06 -0.15	29.97 2.68 -1.04	31.56 2.48 -3.23	34.80 2.38 -6.53	35.74 2.42 -7.25	28.36 2.38 -0.15	25.67 2.04 -0.14	23.92 1.71 -1.55
RANKINE____ 23646	21.11 -0.45 0.00	19.69 -0.57 0.00	19.23 -0.45 0.00	18.97 -0.47 0.00	19.21 -0.72 0.00	21.58 -0.64 0.00	22.45 -0.78 2.63	21.60 -0.47 4.05	24.87 -0.36 2.18	24.08 -0.49 1.41	23.57 -0.69 0.51	21.17 -0.90 2.21	22.45 -0.73 0.50	20.33 -0.82 2.15	19.27 -0.88 2.97	18.74 -1.23 4.05	16.93 -1.18 7.00	18.07 -0.92 7.26	19.90 -0.72 5.23	20.69 -0.75 4.44	19.23 -0.60 6.23	18.30 -0.70 6.83	15.95 -0.94 6.59	14.87 -0.76 5.03
RAVENSWOOD_GT2_1 24244	23.64 2.07 -0.01	22.12 1.86 0.00	21.55 1.87 0.00	21.32 1.88 0.00	21.90 1.97 0.00	24.31 2.09 0.00	30.02 2.61 -1.56	35.27 2.82 -6.33	30.58 3.18 0.00	28.56 2.57 0.00	26.97 2.20 0.00	26.39 2.11 0.00	25.72 2.04 0.00	25.30 2.00 0.00	25.11 1.99 0.00	26.26 2.23 0.00	27.52 2.41 0.00	30.21 3.07 -0.89	31.80 2.82 -3.13	35.05 2.69 -6.47	35.93 2.71 -7.15	28.47 2.64 0.00	25.81 2.33 0.00	24.07 1.96 -1.45
RAVENSWOOD_GT2_2 24245	23.64 2.07 -0.01	22.12 1.86 0.00	21.55 1.87 0.00	21.32 1.88 0.00	21.90 1.97 0.00	24.31 2.09 0.00	30.02 2.61 -1.56	35.27 2.82 -6.33	30.58 3.18 0.00	28.56 2.57 0.00	26.97 2.20 0.00	26.39 2.11 0.00	25.72 2.04 0.00	25.30 2.00 0.00	25.11 1.99 0.00	26.26 2.23 0.00	27.52 2.41 0.00	30.21 3.07 -0.89	31.80 2.82 -3.13	35.05 2.69 -6.47	35.93 2.71 -7.15	28.47 2.64 0.00	25.81 2.33 0.00	24.07 1.96 -1.45
RAVENSWOOD_GT2_3 24246	23.66 2.09 -0.01	22.12 1.86 0.00	21.57 1.89 0.00	21.32 1.88 0.00	21.92 1.99 0.00	24.33 2.11 0.00	30.02 2.61 -1.56	35.27 2.82 -6.33	30.58 3.18 0.00	28.58 2.60 0.00	27.00 2.23 0.00	26.39 2.11 0.00	25.72 2.04 0.00	25.30 2.00 0.00	25.11 1.99 0.00	26.28 2.26 0.00	27.52 2.41 0.00	30.24 3.10 -0.89	31.80 2.82 -3.13	35.07 2.72 -6.47	35.93 2.71 -7.15	28.49 2.66 0.00	25.83 2.35 0.00	24.07 1.96 -1.45
RAVENSWOOD_GT2_4 24247	23.66 2.09 -0.01	22.12 1.86 0.00	21.57 1.89 0.00	21.32 1.88 0.00	21.92 1.99 0.00	24.33 2.11 0.00	30.02 2.61 -1.56	35.27 2.82 -6.33	30.58 3.18 0.00	28.58 2.60 0.00	27.00 2.23 0.00	26.39 2.11 0.00	25.72 2.04 0.00	25.30 2.00 0.00	25.11 1.99 0.00	26.28 2.26 0.00	27.52 2.41 0.00	30.24 3.10 -0.89	31.80 2.82 -3.13	35.07 2.72 -6.47	35.93 2.71 -7.15	28.49 2.66 0.00	25.83 2.35 0.00	24.07 1.96 -1.45
RAVENSWOOD_GT3_1 24248	23.64 2.07 -0.01	22.12 1.86 0.00	21.57 1.89 0.00	21.32 1.88 0.00	21.90 1.97 0.00	24.31 2.09 0.00	30.00 2.59 -1.56	35.24 2.80 -6.33	30.58 3.18 0.00	28.56 2.57 0.00	26.97 2.20 0.00	26.39 2.11 0.00	25.72 2.04 0.00	25.30 2.00 0.00	25.11 1.99 0.00	26.26 2.23 0.00	27.52 2.41 0.00	30.21 3.07 -0.89	31.80 2.82 -3.13	35.05 2.69 -6.47	35.93 2.71 -7.15	28.47 2.64 0.00	25.81 2.33 0.00	24.07 1.96 -1.45
RAVENSWOOD_GT3_2 24249	23.64 2.07 -0.01	22.12 1.86 0.00	21.57 1.89 0.00	21.32 1.88 0.00	21.90 1.97 0.00	24.31 2.09 0.00	30.00 2.59 -1.56	35.24 2.80 -6.33	30.58 3.18 0.00	28.56 2.57 0.00	26.97 2.20 0.00	26.39 2.11 0.00	25.72 2.04 0.00	25.30 2.00 0.00	25.11 1.99 0.00	26.26 2.23 0.00	27.52 2.41 0.00	30.21 3.07 -0.89	31.80 2.82 -3.13	35.05 2.69 -6.47	35.93 2.71 -7.15	28.47 2.64 0.00	25.81 2.33 0.00	24.07 1.96 -1.45
RAVENSWOOD_GT3_3 24250	23.66 2.09 -0.01	22.14 1.88 0.00	21.59 1.91 0.00	21.34 1.91 0.00	21.92 1.99 0.00	24.33 2.11 0.00	30.05 2.64 -1.56	35.30 2.85 -6.33	30.61 3.21 0.00	28.61 2.62 0.00	27.02 2.25 0.00	26.41 2.14 0.00	25.74 2.06 0.00	25.32 2.03 0.00	25.14 2.01 0.00	26.30 2.28 0.00	27.55 2.44 0.00	30.26 3.12 -0.89	31.82 2.84 -3.13	35.10 2.74 -6.47	35.95 2.74 -7.15	28.49 2.66 0.00	25.85 2.37 0.00	24.09 1.98 -1.45
RAVENSWOOD_GT3_4 24251	23.66 2.09 -0.01	22.14 1.88 0.00	21.59 1.91 0.00	21.34 1.91 0.00	21.92 1.99 0.00	24.33 2.11 0.00	30.05 2.64 -1.56	35.30 2.85 -6.33	30.61 3.21 0.00	28.61 2.62 0.00	27.02 2.25 0.00	26.41 2.14 0.00	25.74 2.06 0.00	25.32 2.03 0.00	25.14 2.01 0.00	26.30 2.28 0.00	27.55 2.44 0.00	30.26 3.12 -0.89	31.82 2.84 -3.13	35.10 2.74 -6.47	35.95 2.74 -7.15	28.49 2.66 0.00	25.85 2.37 0.00	24.09 1.98 -1.45
RAVENSWOOD_GT_1 23729	23.75 2.18 -0.01	22.20 1.94 0.00	21.65 1.97 0.00	21.39 1.96 0.00	22.00 2.07 0.00	24.37 2.15 0.00	30.02 2.61 -1.56	35.30 2.85 -6.33	30.64 3.23 0.00	28.61 2.62 0.00	27.05 2.28 0.00	26.46 2.19 0.00	25.79 2.11 0.00	25.37 2.07 0.00	25.21 2.08 0.00	26.35 2.33 0.00	27.60 2.49 0.00	30.34 3.20 -0.89	31.87 2.89 -3.13	35.13 2.77 -6.47	35.98 2.76 -7.15	28.52 2.69 0.00	25.88 2.40 0.00	24.18 2.07 -1.46
RAVENSWOOD_GT_10 24258	23.64 2.07 -0.01	22.10 1.84 0.00	21.55 1.87 0.00	21.32 1.88 0.00	21.90 1.97 0.00	24.31 2.09 0.00	30.00 2.59 -1.56	35.24 2.80 -6.33	30.58 3.18 0.00	28.56 2.57 0.00	26.97 2.20 0.00	26.39 2.11 0.00	25.69 2.01 0.00	25.30 2.00 0.00	25.11 1.99 0.00	26.26 2.23 0.00	27.50 2.39 0.00	30.21 3.07 -0.89	31.80 2.82 -3.13	35.05 2.69 -6.47	35.93 2.71 -7.15	28.47 2.64 0.00	25.81 2.33 0.00	24.07 1.96 -1.45
RAVENSWOOD_GT_11 24259	23.64 2.07 -0.01	22.10 1.84 0.00	21.55 1.87 0.00	21.32 1.88 0.00	21.90 1.97 0.00	24.31 2.09 0.00	30.00 2.59 -1.56	35.24 2.80 -6.33	30.58 3.18 0.00	28.56 2.57 0.00	26.97 2.20 0.00	26.39 2.11 0.00	25.69 2.01 0.00	25.30 2.00 0.00	25.11 1.99 0.00	26.26 2.23 0.00	27.50 2.39 0.00	30.21 3.07 -0.89	31.80 2.82 -3.13	35.05 2.69 -6.47	35.93 2.71 -7.15	28.47 2.64 0.00	25.81 2.33 0.00	24.07 1.96 -1.45
RAVENSWOOD_GT_4 24252	23.62 2.05 -0.01	22.08 1.82 0.00	21.53 1.85 0.00	21.30 1.87 0.00	21.88 1.95 0.00	24.31 2.09 0.00	30.02 2.61 -1.56	35.24 2.80 -6.33	30.56 3.15 0.00	28.56 2.57 0.00	26.97 2.20 0.00	26.36 2.09 0.00	25.69 2.01 0.00	25.27 1.98 0.00	25.09 1.96 0.00	26.26 2.23 0.00	27.50 2.39 0.00	30.19 3.04 -0.89	31.77 2.79 -3.13	35.05 2.69 -6.47	35.90 2.69 -7.15	28.47 2.64 0.00	25.81 2.33 0.00	24.06 1.94 -1.45

RAVENSWOOD_GT_5 24254	23.62 2.05 -0.01	22.08 1.82 0.00	21.53 1.85 0.00	21.30 1.87 0.00	21.88 1.95 0.00	24.31 2.09 0.00	30.02 2.61 -1.56	35.24 2.80 -6.33	30.56 3.15 0.00	28.56 2.57 0.00	26.97 2.20 0.00	26.36 2.09 0.00	25.69 2.01 0.00	25.27 1.98 0.00	25.09 1.96 0.00	26.26 2.23 0.00	27.50 2.39 0.00	30.19 3.04 -0.89	31.77 2.79 -3.13	35.05 2.69 -6.47	35.90 2.69 -7.15	28.47 2.64 0.00	25.81 2.33 0.00	24.06 1.94 -1.45
RAVENSWOOD_GT_6 24253	23.62 2.05 -0.01	22.08 1.82 0.00	21.53 1.85 0.00	21.30 1.87 0.00	21.88 1.95 0.00	24.31 2.09 0.00	30.02 2.61 -1.56	35.24 2.80 -6.33	30.56 3.15 0.00	28.56 2.57 0.00	26.97 2.20 0.00	26.36 2.09 0.00	25.69 2.01 0.00	25.27 1.98 0.00	25.09 1.96 0.00	26.26 2.23 0.00	27.50 2.39 0.00	30.19 3.04 -0.89	31.77 2.79 -3.13	35.05 2.69 -6.47	35.90 2.69 -7.15	28.47 2.64 0.00	25.81 2.33 0.00	24.06 1.94 -1.45
RAVENSWOOD_GT_7 24255	23.62 2.05 -0.01	22.08 1.82 0.00	21.53 1.85 0.00	21.30 1.87 0.00	21.88 1.95 0.00	24.31 2.09 0.00	30.02 2.61 -1.56	35.24 2.80 -6.33	30.56 3.15 0.00	28.56 2.57 0.00	26.97 2.20 0.00	26.36 2.09 0.00	25.69 2.01 0.00	25.27 1.98 0.00	25.09 1.96 0.00	26.26 2.23 0.00	27.50 2.39 0.00	30.19 3.04 -0.89	31.77 2.79 -3.13	35.05 2.69 -6.47	35.90 2.69 -7.15	28.47 2.64 0.00	25.81 2.33 0.00	24.06 1.94 -1.45
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	23.64 2.07 -0.01	22.10 1.84 0.00	21.55 1.87 0.00	21.32 1.88 0.00	21.90 1.97 0.00	24.31 2.09 0.00	30.00 2.59 -1.56	35.24 2.80 -6.33	30.58 3.18 0.00	28.56 2.57 0.00	26.97 2.20 0.00	26.39 2.11 0.00	25.69 2.01 0.00	25.30 2.00 0.00	25.11 1.99 0.00	26.26 2.23 0.00	27.50 2.39 0.00	30.21 3.07 -0.89	31.80 2.82 -3.13	35.05 2.69 -6.47	35.93 2.71 -7.15	28.47 2.64 0.00	25.81 2.33 0.00	24.07 1.96 -1.45
RAVENSWOOD_GT_9 24257	23.64 2.07 -0.01	22.10 1.84 0.00	21.55 1.87 0.00	21.32 1.88 0.00	21.90 1.97 0.00	24.31 2.09 0.00	30.00 2.59 -1.56	35.24 2.80 -6.33	30.58 3.18 0.00	28.56 2.57 0.00	26.97 2.20 0.00	26.39 2.11 0.00	25.69 2.01 0.00	25.30 2.00 0.00	25.11 1.99 0.00	26.26 2.23 0.00	27.50 2.39 0.00	30.21 3.07 -0.89	31.80 2.82 -3.13	35.05 2.69 -6.47	35.93 2.71 -7.15	28.47 2.64 0.00	25.81 2.33 0.00	24.07 1.96 -1.45
RAVENSWOOD___1 23533	23.75 2.18 -0.01	22.20 1.94 0.00	21.65 1.97 0.00	21.39 1.96 0.00	22.00 2.07 0.00	24.37 2.15 0.00	30.02 2.61 -1.56	35.30 2.85 -6.33	30.64 3.23 0.00	28.61 2.62 0.00	27.05 2.28 0.00	26.46 2.19 0.00	25.79 2.11 0.00	25.37 2.07 0.00	25.21 2.08 0.00	26.35 2.33 0.00	27.60 2.49 0.00	30.34 3.20 -0.89	31.87 2.89 -3.13	35.13 2.77 -6.47	35.98 2.76 -7.15	28.52 2.69 0.00	25.88 2.40 0.00	24.18 2.07 -1.46
RAVENSWOOD___2 23534	23.75 2.18 -0.01	22.20 1.94 0.00	21.65 1.97 0.00	21.39 1.96 0.00	22.00 2.07 0.00	24.37 2.15 0.00	30.02 2.61 -1.56	35.30 2.85 -6.33	30.64 3.23 0.00	28.61 2.62 0.00	27.05 2.28 0.00	26.46 2.19 0.00	25.79 2.11 0.00	25.37 2.07 0.00	25.21 2.08 0.00	26.35 2.33 0.00	27.60 2.49 0.00	30.34 3.20 -0.89	31.87 2.89 -3.13	35.13 2.77 -6.47	35.98 2.76 -7.15	28.52 2.69 0.00	25.88 2.40 0.00	24.18 2.07 -1.46
RAVENSWOOD___3 23535	23.64 2.07 -0.01	22.12 1.86 0.00	21.57 1.89 0.00	21.32 1.88 0.00	21.90 1.97 0.00	24.31 2.09 0.00	30.02 2.61 -1.56	35.27 2.82 -6.33	30.58 3.18 0.00	28.56 2.57 0.00	26.97 2.20 0.00	26.39 2.11 0.00	25.72 2.04 0.00	25.30 2.00 0.00	25.11 1.99 0.00	26.28 2.26 0.00	27.52 2.41 0.00	30.24 3.10 -0.89	31.80 2.82 -3.13	35.05 2.69 -6.47	35.93 2.71 -7.15	28.47 2.64 0.00	25.83 2.35 0.00	24.07 1.96 -1.45
RAVENSWOOD___4 23820	23.75 2.18 -0.01	22.20 1.94 0.00	21.65 1.97 0.00	21.39 1.96 0.00	22.00 2.07 0.00	24.37 2.15 0.00	30.02 2.61 -1.56	35.30 2.85 -6.33	30.64 3.23 0.00	28.61 2.62 0.00	27.05 2.28 0.00	26.46 2.19 0.00	25.79 2.11 0.00	25.37 2.07 0.00	25.21 2.08 0.00	26.35 2.33 0.00	27.60 2.49 0.00	30.34 3.20 -0.89	31.87 2.89 -3.13	35.13 2.77 -6.47	35.98 2.76 -7.15	28.52 2.69 0.00	25.88 2.40 0.00	24.18 2.07 -1.46
RCPL_TRUST___DRP 24196	23.67 2.11 0.00	22.24 1.99 0.00	21.57 1.89 0.00	21.34 1.90 0.00	21.92 1.99 0.00	24.35 2.13 0.00	30.12 2.64 -1.63	35.35 2.82 -6.41	30.69 3.23 -0.05	28.64 2.62 -0.03	27.03 2.25 -0.01	26.48 2.16 -0.05	25.77 2.08 -0.01	25.39 2.05 -0.05	25.22 2.04 -0.06	26.39 2.28 -0.09	27.70 2.44 -0.15	30.43 3.12 -1.05	31.98 2.84 -3.28	35.23 2.69 -6.65	36.15 2.71 -7.38	28.66 2.69 -0.14	26.00 2.37 -0.14	24.22 1.98 -1.57
RED___ROCHESTER 323720	21.61 0.04 0.00	20.46 0.20 0.00	19.66 -0.02 0.00	19.37 -0.06 0.00	19.71 -0.22 0.00	22.15 -0.07 0.00	25.85 0.36 0.37	26.79 0.73 0.06	27.47 0.55 0.48	26.06 0.39 0.31	24.68 0.02 0.11	23.81 0.02 0.49	23.57 0.00 0.11	22.94 0.12 0.47	22.45 -0.02 0.65	22.85 -0.29 0.89	24.94 -0.17 0.00	26.08 -0.31 -0.15	26.13 -0.15 -0.44	26.58 -0.21 -0.91	26.99 -0.08 -1.00	25.65 -0.18 0.00	23.04 -0.45 0.00	20.49 -0.37 -0.20
REGAN___SOLAR 323812	23.83 2.26 0.00	22.38 2.13 0.00	21.69 2.01 0.00	21.39 1.96 0.00	22.06 2.13 0.00	24.57 2.35 0.00	30.95 2.87 -2.22	37.72 2.67 -8.94	30.20 2.80 0.00	28.27 2.29 0.00	26.68 1.91 0.00	26.22 1.94 0.00	25.48 1.80 0.00	25.02 1.72 0.00	24.77 1.64 0.00	25.94 1.92 0.00	27.32 2.21 0.00	30.36 2.84 -1.27	33.09 2.77 -4.47	37.90 2.77 -9.24	39.25 2.97 -10.21	28.65 2.82 0.00	25.88 2.40 0.00	24.73 2.00 -2.07
RENSSELAER___COGEN 23796	22.40 0.84 0.00	21.13 0.87 0.00	20.60 0.93 0.00	20.35 0.91 0.00	20.88 0.96 0.00	23.20 0.98 0.00	29.01 1.27 -1.89	35.00 1.25 -7.63	28.86 1.45 0.00	26.79 0.81 0.00	25.34 0.57 0.00	24.84 0.56 0.00	24.20 0.52 0.00	23.83 0.54 0.00	23.68 0.55 0.00	24.69 0.67 0.00	25.87 0.75 0.00	28.52 1.18 -1.09	30.82 1.16 -3.81	34.93 1.17 -7.88	35.94 1.17 -8.71	26.94 1.11 0.00	24.42 0.94 0.00	23.21 0.78 -1.76
REPUBLIC_115KV_BARTNBRK 55605	24.04 2.48 0.00	22.65 2.39 0.00	21.96 2.28 0.00	21.65 2.22 0.00	22.32 2.39 0.00	24.78 2.56 0.00	31.44 3.54 -2.05	37.60 3.34 -8.14	30.86 3.43 -0.03	28.78 2.78 -0.02	27.01 2.23 -0.01	26.59 2.28 -0.03	25.82 2.13 -0.01	25.35 2.03 -0.03	25.23 2.06 -0.04	26.46 2.38 -0.06	27.67 2.46 -0.10	30.65 3.15 -1.25	33.18 3.21 -4.12	37.59 3.26 -8.44	38.82 3.41 -9.35	29.08 3.15 -0.10	26.30 2.72 -0.09	24.88 2.27 -1.95
REVERE_CPPR_DRP 24186	22.19 0.63 0.00	20.82 0.57 0.00	20.21 0.53 0.00	19.98 0.54 0.00	20.47 0.54 0.00	22.93 0.71 0.00	26.85 0.88 -0.11	27.80 1.25 -0.43	28.69 1.26 -0.02	27.00 1.01 0.00	25.59 0.82 0.00	25.06 0.78 -0.01	24.46 0.78 0.00	24.00 0.70 -0.01	23.88 0.74 -0.01	24.73 0.70 -0.01	25.84 0.70 -0.02	27.25 0.92 -0.08	26.98 0.90 -0.23	27.21 0.88 -0.45	27.53 0.96 -0.50	26.66 0.80 -0.02	24.07 0.56 -0.02	21.23 0.45 -0.11

REYNOLDS_115KV_TB3 80639	22.70 1.14 0.00	21.47 1.22 0.00	20.88 1.20 0.00	20.64 1.20 0.00	21.16 1.24 0.00	23.53 1.31 0.00	29.48 1.68 -1.95	35.52 1.67 -7.73	29.36 1.92 -0.03	27.10 1.09 -0.02	25.62 0.84 -0.01	25.11 0.80 -0.03	24.42 0.73 -0.01	24.10 0.77 -0.03	23.93 0.76 -0.05	25.00 0.91 -0.06	26.23 1.00 -0.11	28.87 1.42 -1.20	31.20 1.42 -3.92	35.35 1.45 -8.02	36.40 1.46 -8.88	27.33 1.39 -0.11	24.76 1.17 -0.10	23.51 0.99 -1.86
RIVERBAY____ 323610	23.87 2.31 0.00	22.48 2.23 0.00	21.80 2.13 0.00	21.51 2.08 0.00	22.16 2.23 0.00	24.46 2.24 0.00	29.99 2.51 -1.63	35.32 2.79 -6.41	30.58 3.12 -0.05	28.51 2.49 -0.03	26.91 2.13 -0.01	26.51 2.18 -0.05	25.68 1.99 -0.01	25.30 1.96 -0.05	25.15 1.97 -0.06	26.29 2.19 -0.09	27.60 2.34 -0.15	30.32 3.02 -1.05	31.87 2.74 -3.28	35.10 2.56 -6.65	36.00 2.55 -7.38	28.53 2.56 -0.14	25.92 2.30 -0.14	24.35 2.11 -1.58
RIVERSDE_115KV_TB3 55908	22.51 0.95 0.00	21.29 1.03 0.00	20.68 1.00 0.00	20.44 1.01 0.00	20.98 1.06 0.00	23.29 1.07 0.00	29.21 1.40 -1.96	35.29 1.38 -7.79	29.06 1.62 -0.03	26.94 0.94 -0.02	25.45 0.67 -0.01	24.99 0.68 -0.03	24.30 0.62 -0.01	23.98 0.65 -0.03	23.82 0.65 -0.05	24.85 0.77 -0.06	26.07 0.85 -0.11	28.75 1.29 -1.21	31.07 1.27 -3.95	35.23 1.27 -8.08	36.29 1.28 -8.95	27.15 1.21 -0.11	24.62 1.03 -0.10	23.40 0.87 -1.87
ROARING____BROOK_WT_PWR 323790	21.15 -0.41 0.00	19.69 -0.57 0.00	18.99 -0.69 0.00	18.69 -0.74 0.00	19.21 -0.72 0.00	21.44 -0.78 0.00	24.90 -0.96 0.00	25.15 -0.97 0.00	26.47 -0.93 0.01	25.36 -0.62 0.00	24.32 -0.45 0.00	23.89 -0.39 0.00	23.30 -0.38 0.00	22.92 -0.37 0.00	22.75 -0.37 0.00	23.61 -0.41 0.00	24.61 -0.50 0.00	25.57 -0.68 0.00	25.18 -0.67 0.00	25.11 -0.78 0.00	25.18 -0.89 0.00	24.93 -0.90 0.00	22.71 -0.77 0.00	19.94 -0.72 0.00
ROCHESRG_115KV_T4 355643	21.39 -0.17 0.00	19.99 -0.26 0.00	19.48 -0.20 0.00	19.20 -0.23 0.00	19.53 -0.40 0.00	21.95 -0.27 0.00	25.40 0.08 0.53	26.16 0.39 0.35	27.03 0.22 0.60	25.70 0.10 0.39	24.36 -0.27 0.14	23.40 -0.27 0.61	23.26 -0.28 0.14	22.54 -0.16 0.59	22.00 -0.30 0.82	22.35 -0.55 1.12	22.71 -0.48 1.93	23.71 -0.63 1.91	24.32 -0.47 1.07	24.93 -0.52 0.44	24.82 -0.39 0.85	23.45 -0.49 1.89	20.95 -0.70 1.83	18.86 -0.58 1.22
ROCHESTER_9_IC 23652	21.50 -0.06 0.00	20.11 -0.14 0.00	19.58 -0.10 0.00	19.32 -0.12 0.00	19.63 -0.30 0.00	22.06 -0.16 0.00	25.65 0.23 0.44	26.51 0.57 0.18	27.29 0.41 0.53	25.92 0.29 0.35	24.55 -0.10 0.12	23.64 -0.10 0.54	23.44 -0.12 0.12	22.74 -0.02 0.53	22.23 -0.16 0.73	22.62 -0.41 0.99	23.07 -0.33 1.72	24.11 -0.47 1.67	24.66 -0.31 0.88	25.27 -0.36 0.25	25.23 -0.23 0.60	23.84 -0.31 1.68	21.30 -0.56 1.62	19.14 -0.48 1.05
ROCKVIEW_13_KV_LD 356306	23.55 1.98 0.00	22.16 1.90 0.00	21.51 1.83 0.00	21.26 1.83 0.00	21.84 1.91 0.00	24.29 2.07 0.00	30.07 2.59 -1.63	35.27 2.74 -6.41	30.61 3.15 -0.05	28.51 2.49 -0.03	26.96 2.18 -0.01	26.41 2.09 -0.05	25.68 1.99 -0.01	25.30 1.96 -0.05	25.13 1.94 -0.06	26.29 2.19 -0.09	27.62 2.36 -0.15	30.35 3.05 -1.05	31.92 2.79 -3.28	35.20 2.67 -6.65	36.13 2.68 -7.38	28.61 2.63 -0.14	25.92 2.30 -0.14	24.15 1.92 -1.57
ROME____115KV_TB2 80656	22.19 0.63 0.00	20.82 0.57 0.00	20.21 0.53 0.00	19.98 0.54 0.00	20.47 0.54 0.00	22.93 0.71 0.00	26.85 0.88 -0.11	27.80 1.25 -0.43	28.69 1.26 -0.02	27.00 1.01 0.00	25.59 0.82 0.00	25.06 0.78 -0.01	24.46 0.78 0.00	24.00 0.70 -0.01	23.88 0.74 -0.01	24.73 0.70 -0.01	25.84 0.70 -0.02	27.25 0.92 -0.08	26.98 0.90 -0.23	27.21 0.88 -0.45	27.53 0.96 -0.50	26.66 0.80 -0.02	24.07 0.56 -0.02	21.23 0.45 -0.11
ROSETON____1 23587	23.16 1.60 0.00	21.73 1.48 0.00	21.17 1.49 0.00	20.95 1.52 0.00	21.50 1.57 0.00	23.93 1.71 0.00	29.57 2.14 -1.57	34.76 2.27 -6.37	29.98 2.58 0.00	27.96 1.97 0.00	26.43 1.66 0.00	25.85 1.58 0.00	25.20 1.52 0.00	24.79 1.49 0.00	24.61 1.48 0.00	25.70 1.68 0.00	26.95 1.83 0.00	29.56 2.41 -0.90	31.25 2.25 -3.15	34.60 2.20 -6.51	35.50 2.24 -7.20	27.97 2.14 0.00	25.34 1.85 0.00	23.67 1.55 -1.46
ROSETON____2 23588	23.16 1.60 0.00	21.73 1.48 0.00	21.17 1.49 0.00	20.95 1.52 0.00	21.50 1.57 0.00	23.93 1.71 0.00	29.57 2.14 -1.57	34.76 2.27 -6.37	29.98 2.58 0.00	27.96 1.97 0.00	26.43 1.66 0.00	25.85 1.58 0.00	25.20 1.52 0.00	24.79 1.49 0.00	24.61 1.48 0.00	25.70 1.68 0.00	26.95 1.83 0.00	29.56 2.41 -0.90	31.25 2.25 -3.15	34.60 2.20 -6.51	35.50 2.24 -7.20	27.97 2.14 0.00	25.34 1.85 0.00	23.67 1.55 -1.46
ROTTDAM_115KV_TB3 80664	22.58 1.01 0.00	21.27 1.01 0.00	20.64 0.96 0.00	20.40 0.97 0.00	20.94 1.02 0.00	23.31 1.09 0.00	29.35 1.42 -2.07	35.81 1.44 -8.26	28.97 1.53 -0.03	27.17 1.17 -0.02	25.72 0.94 -0.01	25.23 0.92 -0.03	24.54 0.85 -0.01	24.19 0.86 -0.03	24.02 0.86 -0.04	25.06 0.98 -0.06	26.29 1.08 -0.10	28.96 1.44 -1.27	31.46 1.42 -4.18	35.88 1.42 -8.57	37.01 1.46 -9.48	27.32 1.39 -0.09	24.75 1.17 -0.09	23.62 0.99 -1.97
RUSSELL____1 23602	21.61 0.04 0.00	20.20 -0.06 0.00	19.66 -0.02 0.00	19.37 -0.06 0.00	19.71 -0.22 0.00	22.15 -0.07 0.00	25.75 0.34 0.44	26.62 0.68 0.18	27.42 0.55 0.53	26.05 0.42 0.35	24.67 0.02 0.12	23.76 0.02 0.54	23.56 0.00 0.12	22.88 0.12 0.53	22.37 -0.02 0.73	22.74 -0.29 0.99	23.22 -0.18 1.71	24.27 -0.32 1.67	24.82 -0.16 0.88	25.43 -0.21 0.25	25.39 -0.08 0.60	23.97 -0.18 1.68	21.42 -0.45 1.62	19.24 -0.37 1.05
RUSSELL____2 23532	21.61 0.04 0.00	20.20 -0.06 0.00	19.66 -0.02 0.00	19.37 -0.06 0.00	19.71 -0.22 0.00	22.15 -0.07 0.00	25.75 0.34 0.44	26.62 0.68 0.18	27.42 0.55 0.53	26.05 0.42 0.35	24.67 0.02 0.12	23.76 0.02 0.54	23.56 0.00 0.12	22.88 0.12 0.53	22.37 -0.02 0.73	22.74 -0.29 0.99	23.22 -0.18 1.71	24.27 -0.32 1.67	24.82 -0.16 0.88	25.43 -0.21 0.25	25.39 -0.08 0.60	23.97 -0.18 1.68	21.42 -0.45 1.62	19.24 -0.37 1.05
RUSSELL____3 23549	21.61 0.04 0.00	20.20 -0.06 0.00	19.66 -0.02 0.00	19.37 -0.06 0.00	19.71 -0.22 0.00	22.15 -0.07 0.00	25.75 0.34 0.44	26.62 0.68 0.18	27.42 0.55 0.53	26.05 0.42 0.35	24.67 0.02 0.12	23.76 0.02 0.54	23.56 0.00 0.12	22.88 0.12 0.53	22.37 -0.02 0.73	22.74 -0.29 0.99	23.22 -0.18 1.71	24.27 -0.32 1.67	24.82 -0.16 0.88	25.43 -0.21 0.25	25.39 -0.08 0.60	23.97 -0.18 1.68	21.42 -0.45 1.62	19.24 -0.37 1.05
RUSSELL____4 23556	21.61 0.04 0.00	20.20 -0.06 0.00	19.66 -0.02 0.00	19.37 -0.06 0.00	19.71 -0.22 0.00	22.15 -0.07 0.00	25.75 0.34 0.44	26.62 0.68 0.18	27.42 0.55 0.53	26.05 0.42 0.35	24.67 0.02 0.12	23.76 0.02 0.54	23.56 0.00 0.12	22.88 0.12 0.53	22.37 -0.02 0.73	22.74 -0.29 0.99	23.22 -0.18 1.71	24.27 -0.32 1.67	24.82 -0.16 0.88	25.43 -0.21 0.25	25.39 -0.08 0.60	23.97 -0.18 1.68	21.42 -0.45 1.62	19.24 -0.37 1.05

RUSSELL___STATION 23914	21.61 0.04 0.00	20.20 -0.06 0.00	19.66 -0.02 0.00	19.37 -0.06 0.00	19.71 -0.22 0.00	22.15 -0.07 0.00	25.75 0.34 0.44	26.62 0.68 0.18	27.42 0.55 0.53	26.05 0.42 0.35	24.67 0.02 0.12	23.76 0.02 0.54	23.56 0.00 0.12	22.88 0.12 0.53	22.37 -0.02 0.73	22.74 -0.29 0.99	23.22 -0.18 1.71	24.27 -0.32 1.67	24.82 -0.16 0.88	25.43 -0.21 0.25	25.39 -0.08 0.60	23.97 -0.18 1.68	21.42 -0.45 1.62	19.24 -0.37 1.05
S SALMON___HYD 24043	21.30 -0.26 0.00	20.01 -0.24 0.00	19.40 -0.28 0.00	19.18 -0.25 0.00	19.63 -0.30 0.00	21.93 -0.29 0.00	25.81 -0.21 -0.16	26.62 -0.13 -0.64	27.29 -0.14 -0.02	25.75 -0.23 0.00	24.45 -0.32 0.00	23.99 -0.29 0.00	23.40 -0.28 0.00	22.99 -0.30 0.00	22.82 -0.30 0.00	23.61 -0.41 0.00	24.71 -0.40 0.00	26.05 -0.29 -0.09	25.91 -0.21 -0.26	26.25 -0.18 -0.55	26.64 -0.03 -0.61	25.70 -0.13 0.00	23.25 -0.23 0.00	20.60 -0.19 -0.12
S.PERRY___115KV_TB1 80734	22.19 0.63 0.00	20.72 0.47 0.00	20.17 0.49 0.00	19.90 0.47 0.00	20.21 0.28 0.00	22.75 0.53 0.00	35.15 0.88 -8.41	43.70 1.36 -16.22	34.56 1.26 -5.89	30.82 1.01 -3.83	26.71 0.57 -1.37	30.66 0.41 -5.97	25.39 0.38 -1.34	29.46 0.37 -5.80	31.38 0.23 -8.02	34.41 -0.55 -10.94	43.59 -0.40 -18.88	46.42 -0.26 -20.43	42.65 -0.03 -16.82	43.39 -0.05 -17.56	49.14 0.10 -22.98	44.28 -0.05 -18.50	40.99 -0.35 -17.85	35.22 -0.29 -14.85
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	20.89 -0.67 0.00	19.49 -0.77 0.00	19.03 -0.65 0.00	18.77 -0.66 0.00	19.01 -0.92 0.00	21.38 -0.84 0.00	22.56 -0.83 2.46	21.84 -0.52 3.75	24.78 -0.58 2.05	23.97 -0.68 1.34	23.33 -0.97 0.48	21.10 -1.09 2.08	22.22 -0.99 0.47	20.32 -0.96 2.02	19.26 -1.06 2.80	18.83 -1.37 3.82	17.16 -1.36 6.60	18.12 -1.29 6.85	19.86 -1.09 4.90	20.64 -1.11 4.13	19.26 -0.99 5.81	18.32 -1.06 6.45	15.99 -1.27 6.22	14.89 -1.03 4.73
SAWYER___23_KV_LOAD 55526	20.89 -0.67 0.00	19.49 -0.77 0.00	19.03 -0.65 0.00	18.77 -0.66 0.00	19.01 -0.92 0.00	21.38 -0.84 0.00	22.56 -0.83 2.46	21.84 -0.52 3.75	24.78 -0.58 2.05	23.97 -0.68 1.34	23.33 -0.97 0.48	21.10 -1.09 2.08	22.22 -0.99 0.47	20.32 -0.96 2.02	19.26 -1.06 2.80	18.83 -1.37 3.82	17.16 -1.36 6.60	18.12 -1.29 6.85	19.86 -1.09 4.90	20.64 -1.11 4.13	19.26 -0.99 5.81	18.32 -1.06 6.45	15.99 -1.27 6.22	14.89 -1.03 4.73
SELKIRK___I 23801	22.47 0.91 0.00	21.17 0.91 0.00	20.60 0.93 0.00	20.37 0.93 0.00	20.90 0.98 0.00	23.22 1.00 0.00	29.00 1.29 -1.85	34.87 1.25 -7.50	28.83 1.42 0.00	26.89 0.91 0.00	25.44 0.67 0.00	24.93 0.66 0.00	24.29 0.61 0.00	23.92 0.63 0.00	23.75 0.62 0.00	24.79 0.77 0.00	25.97 0.85 0.00	28.58 1.26 -1.07	30.85 1.27 -3.73	34.88 1.27 -7.72	35.90 1.30 -8.54	27.07 1.24 0.00	24.56 1.08 0.00	23.30 0.91 -1.73
SELKIRK___II 23799	22.40 0.84 0.00	21.09 0.83 0.00	20.54 0.86 0.00	20.31 0.88 0.00	20.83 0.90 0.00	23.15 0.93 0.00	28.92 1.19 -1.87	34.89 1.20 -7.57	28.80 1.40 0.00	26.87 0.88 0.00	25.41 0.64 0.00	24.93 0.66 0.00	24.27 0.59 0.00	23.90 0.60 0.00	23.73 0.60 0.00	24.77 0.75 0.00	25.94 0.83 0.00	28.57 1.23 -1.08	30.84 1.22 -3.77	34.91 1.22 -7.81	35.92 1.23 -8.63	27.02 1.19 0.00	24.49 1.01 0.00	23.23 0.83 -1.75
SENECA OSWGO___HYD 24041	21.26 -0.30 0.00	19.99 -0.26 0.00	19.40 -0.28 0.00	19.16 -0.27 0.00	19.61 -0.32 0.00	21.91 -0.31 0.00	25.80 -0.23 -0.18	26.74 -0.08 -0.70	27.33 -0.08 -0.01	25.83 -0.15 0.00	24.52 -0.25 0.00	23.99 -0.29 0.00	23.42 -0.26 0.00	23.04 -0.26 0.00	22.82 -0.30 0.00	23.66 -0.36 0.00	24.81 -0.30 0.00	26.12 -0.24 -0.10	25.96 -0.18 -0.29	26.31 -0.18 -0.61	26.60 -0.13 -0.67	25.62 -0.21 0.00	23.20 -0.28 0.00	20.59 -0.21 -0.14
SENECA___115KV_TB3 355854	21.13 -0.43 0.00	19.71 -0.55 0.00	19.25 -0.43 0.00	18.99 -0.45 0.00	19.23 -0.70 0.00	21.60 -0.62 0.00	22.48 -0.75 2.63	21.65 -0.42 4.05	24.90 -0.33 2.18	24.10 -0.47 1.41	23.62 -0.64 0.51	21.19 -0.87 2.21	22.50 -0.69 0.50	20.38 -0.77 2.15	19.30 -0.86 2.97	18.79 -1.18 4.05	16.96 -1.16 7.00	18.12 -0.87 7.26	19.93 -0.70 5.23	20.72 -0.72 4.44	19.26 -0.57 6.23	18.36 -0.65 6.83	15.98 -0.92 6.59	14.89 -0.74 5.03
SENECA___ENERGY 23797	21.73 0.17 0.00	20.48 0.22 0.00	19.82 0.14 0.00	19.57 0.14 0.00	20.01 0.08 0.00	22.42 0.20 0.00	27.18 0.44 -0.88	28.99 0.68 -2.19	28.59 0.74 -0.45	26.82 0.55 -0.29	25.19 0.32 -0.10	24.95 0.22 -0.45	24.02 0.24 -0.10	23.94 0.21 -0.44	23.85 0.12 -0.61	24.83 -0.02 -0.83	26.73 0.03 -1.59	28.22 0.13 -1.83	27.91 0.26 -1.80	28.41 0.23 -2.29	29.18 0.29 -2.83	27.58 0.21 -1.54	24.97 0.00 -1.49	22.08 0.00 -1.42
SHOEMAKER___GT 23640	23.09 1.53 0.00	21.65 1.40 0.00	21.10 1.42 0.00	20.87 1.44 0.00	21.40 1.47 0.00	23.86 1.64 0.00	29.44 2.09 -1.49	34.37 2.19 -6.06	29.90 2.49 0.00	27.91 1.92 0.00	26.40 1.63 0.00	25.83 1.56 0.00	25.15 1.47 0.00	24.74 1.44 0.00	24.56 1.43 0.00	25.66 1.63 0.00	26.90 1.78 0.00	29.47 2.36 -0.85	31.03 2.20 -2.99	34.21 2.15 -6.18	35.08 2.19 -6.82	27.92 2.09 0.00	25.27 1.78 0.00	23.55 1.51 -1.38
SHOEMAKR_138KV_BK 111 55601	23.09 1.53 0.00	21.73 1.48 0.00	21.10 1.42 0.00	20.87 1.44 0.00	21.42 1.49 0.00	23.86 1.64 0.00	29.49 2.09 -1.54	34.30 2.14 -6.05	29.92 2.47 -0.05	27.94 1.92 -0.03	26.42 1.63 -0.01	25.86 1.53 -0.05	25.16 1.47 -0.01	24.79 1.44 -0.05	24.63 1.43 -0.07	25.75 1.63 -0.09	27.06 1.78 -0.16	29.63 2.36 -1.01	31.13 2.17 -3.10	34.28 2.12 -6.27	35.19 2.16 -6.96	28.08 2.09 -0.16	25.42 1.78 -0.15	23.66 1.51 -1.50
SHOREHAM_IC_1 23715	24.41 2.61 -0.24	22.67 2.41 0.00	22.04 2.36 0.00	22.21 2.45 -0.33	22.44 2.51 0.00	25.76 2.71 -0.83	35.07 3.26 -5.96	36.91 3.55 -7.24	34.26 3.92 -2.94	31.01 2.99 -2.03	29.68 2.25 -2.65	28.60 2.14 -2.19	27.32 2.06 -1.58	27.40 2.03 -2.08	27.32 2.01 -2.19	30.13 2.26 -3.85	31.28 2.51 -3.66	32.71 3.18 -3.29	34.92 2.97 -6.10	43.20 2.87 -14.44	45.03 2.89 -16.08	32.75 2.84 -4.07	30.39 2.68 -4.23	26.50 2.21 -3.63
SHOREHAM_IC_2 23716	24.41 2.61 -0.24	22.67 2.41 0.00	22.04 2.36 0.00	22.21 2.45 -0.33	22.44 2.51 0.00	25.76 2.71 -0.83	35.07 3.26 -5.96	36.91 3.55 -7.24	34.26 3.92 -2.94	31.01 2.99 -2.03	29.68 2.25 -2.65	28.60 2.14 -2.19	27.32 2.06 -1.58	27.40 2.03 -2.08	27.32 2.01 -2.19	30.13 2.26 -3.85	31.28 2.51 -3.66	32.71 3.18 -3.29	34.92 2.97 -6.10	43.20 2.87 -14.44	45.03 2.89 -16.08	32.75 2.84 -4.07	30.39 2.68 -4.23	26.50 2.21 -3.63
SISSONVILLE___ 23735	20.70 -0.86 0.00	19.43 -0.83 0.00	18.89 -0.79 0.00	18.62 -0.82 0.00	19.15 -0.78 0.00	21.33 -0.89 0.00	24.51 -1.37 -0.02	24.75 -1.46 -0.10	25.29 -1.89 0.22	24.71 -1.27 0.00	23.73 -1.04 0.00	23.40 -0.87 0.00	22.87 -0.81 0.00	22.48 -0.82 0.00	22.43 -0.69 0.00	23.23 -0.79 0.00	23.98 -1.13 0.00	24.74 -1.52 -0.01	24.45 -1.45 -0.05	24.48 -1.50 -0.10	24.64 -1.54 -0.11	24.33 -1.50 0.00	22.47 -1.01 0.00	19.75 -0.93 -0.02

SITHE_IND_GS1 24169	21.09 -0.47 0.00	19.83 -0.43 0.00	19.25 -0.43 0.00	19.01 -0.43 0.00	19.45 -0.48 0.00	21.73 -0.49 0.00	25.51 -0.49 -0.15	26.31 -0.39 -0.58	27.00 -0.41 0.00	25.54 -0.44 0.00	24.25 -0.52 0.00	23.74 -0.53 0.00	23.18 -0.50 0.00	22.80 -0.49 0.00	22.62 -0.51 0.00	23.44 -0.58 0.00	24.51 -0.60 0.00	25.76 -0.58 -0.08	25.59 -0.49 -0.23	25.85 -0.52 -0.48	26.13 -0.47 -0.53	25.32 -0.52 0.00	22.94 -0.54 0.00	20.33 -0.43 -0.11
SITHE_IND_GS2 24170	21.09 -0.47 0.00	19.83 -0.43 0.00	19.25 -0.43 0.00	19.01 -0.43 0.00	19.45 -0.48 0.00	21.73 -0.49 0.00	25.51 -0.49 -0.15	26.31 -0.39 -0.58	27.00 -0.41 0.00	25.54 -0.44 0.00	24.25 -0.52 0.00	23.74 -0.53 0.00	23.18 -0.50 0.00	22.80 -0.49 0.00	22.62 -0.51 0.00	23.44 -0.58 0.00	24.51 -0.60 0.00	25.76 -0.58 -0.08	25.59 -0.49 -0.23	25.85 -0.52 -0.48	26.13 -0.47 -0.53	25.32 -0.52 0.00	22.94 -0.54 0.00	20.33 -0.43 -0.11
SITHE_IND_GS3 24171	21.09 -0.47 0.00	19.83 -0.43 0.00	19.25 -0.43 0.00	19.01 -0.43 0.00	19.45 -0.48 0.00	21.73 -0.49 0.00	25.51 -0.49 -0.15	26.31 -0.39 -0.58	27.00 -0.41 0.00	25.54 -0.44 0.00	24.25 -0.52 0.00	23.74 -0.53 0.00	23.18 -0.50 0.00	22.80 -0.49 0.00	22.62 -0.51 0.00	23.44 -0.58 0.00	24.51 -0.60 0.00	25.76 -0.58 -0.08	25.59 -0.49 -0.23	25.85 -0.52 -0.48	26.13 -0.47 -0.53	25.32 -0.52 0.00	22.94 -0.54 0.00	20.33 -0.43 -0.11
SITHE_IND_GS4 24172	21.09 -0.47 0.00	19.83 -0.43 0.00	19.25 -0.43 0.00	19.01 -0.43 0.00	19.45 -0.48 0.00	21.73 -0.49 0.00	25.51 -0.49 -0.15	26.31 -0.39 -0.58	27.00 -0.41 0.00	25.54 -0.44 0.00	24.25 -0.52 0.00	23.74 -0.53 0.00	23.18 -0.50 0.00	22.80 -0.49 0.00	22.62 -0.51 0.00	23.44 -0.58 0.00	24.51 -0.60 0.00	25.76 -0.58 -0.08	25.59 -0.49 -0.23	25.85 -0.52 -0.48	26.13 -0.47 -0.53	25.32 -0.52 0.00	22.94 -0.54 0.00	20.33 -0.43 -0.11
SITHE___BATAVIA 24024	21.48 -0.09 0.00	20.36 0.10 0.00	19.54 -0.14 0.00	19.26 -0.18 0.00	19.53 -0.40 0.00	22.00 -0.22 0.00	24.59 0.18 1.45	24.69 0.57 2.00	26.56 0.44 1.28	25.41 0.26 0.83	24.35 -0.12 0.30	22.78 -0.20 1.30	23.19 -0.19 0.29	21.92 -0.12 1.26	21.12 -0.25 1.75	21.10 -0.53 2.39	21.20 -0.43 3.48	22.37 -0.50 3.38	23.21 -0.31 2.33	23.76 -0.34 1.79	23.28 -0.18 2.61	22.31 -0.28 3.24	19.74 -0.61 3.13	17.85 -0.50 2.32
SITHE___INDEPEND 23800	21.09 -0.47 0.00	19.81 -0.45 0.00	19.25 -0.43 0.00	19.01 -0.43 0.00	19.45 -0.48 0.00	21.73 -0.49 0.00	25.47 -0.49 -0.11	26.27 -0.37 -0.52	26.97 -0.41 0.03	25.52 -0.44 0.02	24.24 -0.52 0.01	23.71 -0.53 0.03	23.17 -0.50 0.01	22.77 -0.49 0.03	22.57 -0.51 0.04	23.39 -0.58 0.06	24.43 -0.58 0.10	25.65 -0.58 0.02	25.57 -0.49 -0.21	25.90 -0.52 -0.53	26.16 -0.47 -0.57	25.22 -0.52 0.10	22.85 -0.54 0.10	20.29 -0.43 -0.06
SITHE___MASSENA 23902	21.33 -0.24 0.00	19.99 -0.26 0.00	19.46 -0.22 0.00	19.18 -0.25 0.00	19.71 -0.22 0.00	21.93 -0.29 0.00	25.21 -0.65 0.00	25.33 -0.78 0.00	26.33 -1.07 0.01	25.44 -0.55 0.00	24.42 -0.35 0.00	24.03 -0.24 0.00	23.51 -0.16 0.00	23.13 -0.16 0.00	23.03 -0.09 0.00	23.88 -0.14 0.00	24.71 -0.40 0.00	25.52 -0.73 0.00	25.18 -0.67 0.00	25.16 -0.72 0.00	25.31 -0.76 0.00	25.14 -0.70 0.00	23.15 -0.33 0.00	20.37 -0.29 0.00
SITHE___OGDNSBRG 24021	21.28 -0.28 0.00	19.95 -0.30 0.00	19.40 -0.28 0.00	19.12 -0.31 0.00	19.67 -0.26 0.00	21.91 -0.31 0.00	25.20 -0.67 -0.02	25.44 -0.76 -0.08	26.03 -1.15 0.22	25.41 -0.57 0.00	24.37 -0.40 0.00	24.03 -0.24 0.00	23.49 -0.19 0.00	23.09 -0.21 0.00	23.03 -0.09 0.00	23.83 -0.19 0.00	24.66 -0.45 0.00	25.47 -0.79 -0.01	25.17 -0.72 -0.04	25.21 -0.75 -0.08	25.37 -0.78 -0.09	25.08 -0.75 0.00	23.11 -0.38 0.00	20.33 -0.35 -0.02
SITHE___STERLING 23777	22.10 0.54 0.00	20.76 0.51 0.00	20.15 0.47 0.00	19.92 0.49 0.00	20.39 0.46 0.00	22.82 0.60 0.00	26.73 0.75 -0.13	27.70 1.05 -0.54	28.57 1.15 -0.01	26.92 0.93 0.00	25.49 0.72 0.00	24.96 0.68 0.00	24.39 0.71 0.00	23.92 0.63 0.00	23.77 0.65 0.00	24.65 0.62 0.00	25.71 0.60 0.00	27.11 0.79 -0.07	26.85 0.77 -0.22	27.12 0.78 -0.46	27.40 0.83 -0.50	26.55 0.72 0.00	23.98 0.49 0.00	21.17 0.41 -0.10
SLEIGHT__34_KV_TB1 80719	22.32 0.75 0.00	20.88 0.63 0.00	20.31 0.63 0.00	20.07 0.64 0.00	20.51 0.58 0.00	23.00 0.78 0.00	27.17 1.19 -0.13	28.52 1.59 -0.81	28.90 1.59 0.10	27.27 1.35 0.07	25.84 1.09 0.02	25.17 1.00 0.10	24.60 0.95 0.02	24.17 0.98 0.10	23.84 0.86 0.14	24.58 0.74 0.19	24.89 0.10 0.32	26.11 0.05 0.20	26.29 0.18 -0.25	26.84 0.13 -0.82	27.15 0.23 -0.85	25.62 0.10 0.32	23.06 -0.12 0.31	20.57 -0.08 0.00
SOUTH CAIRO___GT 23612	22.83 1.27 0.00	21.53 1.28 0.00	20.96 1.28 0.00	20.70 1.26 0.00	21.24 1.31 0.00	23.69 1.47 0.00	29.46 1.81 -1.80	35.12 1.72 -7.28	29.41 2.00 0.00	27.21 1.22 0.00	25.69 0.92 0.00	25.22 0.95 0.00	24.51 0.83 0.00	24.13 0.84 0.00	23.98 0.86 0.00	25.05 1.03 0.00	26.32 1.21 0.00	28.86 1.57 -1.03	31.10 1.63 -3.62	35.02 1.66 -7.48	36.15 1.82 -8.27	27.61 1.78 0.00	24.99 1.50 0.00	23.45 1.11 -1.67
SOUTH HAMPTN___IC 23720	24.69 2.89 -0.24	22.93 2.67 0.00	22.30 2.62 0.00	22.44 2.68 -0.33	22.70 2.77 0.00	26.05 3.00 -0.83	35.54 3.72 -5.96	37.38 4.02 -7.24	34.76 4.41 -2.94	31.50 3.48 -2.03	30.20 2.77 -2.65	29.07 2.60 -2.19	27.77 2.51 -1.58	27.86 2.49 -2.08	27.76 2.45 -2.19	30.59 2.71 -3.85	31.76 2.99 -3.66	33.24 3.70 -3.29	35.46 3.52 -6.10	43.75 3.42 -14.44	45.58 3.44 -16.08	33.24 3.33 -4.07	30.84 3.12 -4.23	26.87 2.58 -3.63
SOUTHDOW__115KV_TB1 355954	21.61 0.04 0.00	20.05 -0.20 0.00	19.54 -0.14 0.00	19.22 -0.21 0.00	19.45 -0.48 0.00	21.84 -0.38 0.00	23.94 -0.59 1.32	24.35 -0.18 1.58	26.41 0.25 1.24	25.20 0.03 0.81	24.41 -0.07 0.29	22.55 -0.46 1.26	23.18 -0.21 0.28	21.65 -0.42 1.22	20.92 -0.51 1.70	20.82 -0.89 2.31	20.39 -0.73 4.00	22.08 -0.13 4.04	23.26 0.03 2.61	24.13 0.03 1.78	23.48 0.13 2.72	21.99 0.05 3.89	19.44 -0.28 3.76	17.71 -0.25 2.70
SOUTHOLD_69_KV_BK 2 55809	24.99 3.19 -0.24	23.29 3.04 0.00	22.57 2.89 0.00	22.73 2.97 -0.33	22.98 3.05 0.00	26.36 3.31 -0.83	36.10 4.21 -6.02	37.65 4.20 -7.32	35.35 4.96 -2.98	31.97 3.92 -2.06	30.66 3.22 -2.67	29.52 3.01 -2.24	28.18 2.91 -1.59	28.33 2.91 -2.12	28.24 2.87 -2.25	31.08 3.12 -3.94	32.36 3.44 -3.81	33.93 4.23 -3.45	36.13 4.03 -6.25	44.39 3.88 -14.63	46.25 3.88 -16.30	33.87 3.82 -4.22	31.40 3.55 -4.37	27.35 2.93 -3.75
SOUTHOLD___IC 23719	24.99 3.19 -0.24	23.21 2.96 0.00	22.57 2.89 0.00	22.73 2.97 -0.33	22.98 3.05 0.00	26.36 3.31 -0.83	36.03 4.22 -5.96	37.88 4.52 -7.24	35.30 4.96 -2.94	31.97 3.95 -2.03	30.64 3.22 -2.65	29.48 3.01 -2.19	28.15 2.89 -1.58	28.28 2.91 -2.08	28.18 2.87 -2.19	30.99 3.12 -3.85	32.21 3.44 -3.66	33.77 4.23 -3.29	35.98 4.03 -6.10	44.29 3.96 -14.44	46.05 3.91 -16.08	33.73 3.82 -4.07	31.26 3.55 -4.23	27.22 2.93 -3.63

SPIERFLS_115KV_TB 1 80737	22.96 1.40 0.00	21.63 1.38 0.00	21.00 1.32 0.00	20.73 1.30 0.00	21.32 1.39 0.00	23.71 1.49 0.00	30.03 2.12 -2.05	36.12 1.85 -8.15	29.47 2.03 -0.03	27.54 1.53 -0.02	25.97 1.19 -0.01	25.47 1.17 -0.03	24.77 1.09 -0.01	24.40 1.07 -0.03	24.23 1.06 -0.04	25.35 1.27 -0.06	26.57 1.36 -0.10	29.34 1.84 -1.25	31.82 1.84 -4.13	36.23 1.89 -8.46	37.41 1.98 -9.36	27.76 1.83 -0.10	25.13 1.55 -0.09	23.89 1.28 -1.95
ST LAWRENCE____ 23600	21.13 -0.43 0.00	19.83 -0.43 0.00	19.29 -0.39 0.00	19.02 -0.41 0.00	19.53 -0.40 0.00	21.75 -0.47 0.00	25.11 -0.75 0.00	25.26 -0.86 0.00	26.35 -1.04 0.01	25.31 -0.68 0.00	24.30 -0.47 0.00	23.89 -0.39 0.00	23.32 -0.35 0.00	22.95 -0.35 0.00	22.80 -0.32 0.00	23.66 -0.36 0.00	24.61 -0.50 0.00	25.41 -0.84 0.00	25.05 -0.80 0.00	25.08 -0.80 0.00	25.20 -0.86 0.00	25.08 -0.75 0.00	22.99 -0.49 0.00	20.22 -0.43 0.00
STATE_CA_115KV_115_LB 55624	22.45 0.88 0.00	21.23 0.97 0.00	20.64 0.96 0.00	20.39 0.95 0.00	20.92 1.00 0.00	23.22 1.00 0.00	29.18 1.34 -1.98	35.30 1.31 -7.87	28.97 1.53 -0.03	26.92 0.91 -0.02	25.45 0.67 -0.01	24.97 0.66 -0.03	24.30 0.62 -0.01	23.96 0.63 -0.03	23.82 0.65 -0.04	24.85 0.77 -0.06	26.07 0.85 -0.10	28.76 1.29 -1.22	31.11 1.27 -3.99	35.29 1.24 -8.17	36.39 1.28 -9.04	27.12 1.19 -0.10	24.59 1.01 -0.10	23.39 0.85 -1.89
STATE_ST_34_KV_LOAD 55959	21.91 0.34 0.00	20.50 0.24 0.00	19.94 0.26 0.00	19.70 0.27 0.00	20.15 0.22 0.00	22.53 0.31 0.00	27.16 0.78 -0.53	28.51 0.84 -1.56	28.75 1.15 -0.19	27.04 0.94 -0.12	25.58 0.77 -0.04	25.15 0.68 -0.19	24.41 0.69 -0.04	24.16 0.68 -0.19	23.98 0.60 -0.26	24.90 0.53 -0.35	26.27 0.55 -0.61	27.68 0.63 -0.80	27.61 0.70 -1.06	28.17 0.65 -1.64	28.72 0.73 -1.93	27.04 0.62 -0.59	24.46 0.40 -0.57	21.75 0.37 -0.72
STATION 5_MISC_HYD 23604	21.50 -0.06 0.00	20.36 0.10 0.00	19.58 -0.10 0.00	19.32 -0.12 0.00	19.63 -0.30 0.00	22.07 -0.15 0.00	25.72 0.23 0.37	26.66 0.60 0.06	27.34 0.41 0.48	25.93 0.26 0.31	24.56 -0.10 0.11	23.69 -0.10 0.49	23.45 -0.12 0.11	22.82 0.00 0.47	22.31 -0.16 0.65	22.72 -0.41 0.89	24.79 -0.33 0.00	25.92 -0.47 -0.15	25.98 -0.31 -0.44	26.45 -0.34 -0.91	26.83 -0.24 -1.00	25.52 -0.31 0.00	22.92 -0.56 0.00	20.39 -0.47 -0.20
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	21.78 0.22 0.00	20.40 0.14 0.00	19.84 0.16 0.00	19.57 0.14 0.00	19.95 0.02 0.00	22.42 0.20 0.00	26.49 0.49 -0.14	27.86 0.86 -0.88	28.07 0.77 0.11	26.51 0.60 0.07	25.02 0.27 0.03	24.36 0.19 0.11	23.84 0.19 0.02	23.42 0.23 0.11	23.09 0.12 0.15	23.72 -0.10 0.20	24.81 0.05 0.35	26.11 0.08 0.22	26.33 0.21 -0.28	26.94 0.16 -0.90	27.25 0.26 -0.93	25.64 0.15 0.35	23.05 -0.09 0.34	20.57 -0.08 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	21.52 -0.04 0.00	20.11 -0.14 0.00	19.58 -0.10 0.00	19.32 -0.12 0.00	19.65 -0.28 0.00	22.09 -0.13 0.00	25.69 0.23 0.40	26.58 0.57 0.11	27.35 0.44 0.50	25.97 0.31 0.33	24.58 -0.07 0.12	23.67 -0.10 0.51	23.47 -0.09 0.11	22.80 0.00 0.49	22.30 -0.14 0.68	22.70 -0.38 0.93	23.23 -0.28 1.61	24.27 -0.42 1.56	24.80 -0.26 0.80	25.40 -0.31 0.18	25.38 -0.18 0.50	23.97 -0.28 1.58	21.45 -0.52 1.52	19.26 -0.43 0.97
STA_56____34_KV_BUS2 355983	21.52 -0.04 0.00	20.11 -0.14 0.00	19.58 -0.10 0.00	19.32 -0.12 0.00	19.65 -0.28 0.00	22.09 -0.13 0.00	25.69 0.23 0.40	26.58 0.57 0.11	27.35 0.44 0.50	25.97 0.31 0.33	24.58 -0.07 0.12	23.67 -0.10 0.51	23.47 -0.09 0.11	22.80 0.00 0.49	22.30 -0.14 0.68	22.70 -0.38 0.93	23.23 -0.28 1.61	24.27 -0.42 1.56	24.80 -0.26 0.80	25.40 -0.31 0.18	25.38 -0.18 0.50	23.97 -0.28 1.58	21.45 -0.52 1.52	19.26 -0.43 0.97
STA_67____115KV_BK2 355882	21.45 -0.11 0.00	20.07 -0.18 0.00	19.54 -0.14 0.00	19.28 -0.16 0.00	19.59 -0.34 0.00	22.02 -0.20 0.00	25.56 0.16 0.45	26.42 0.50 0.19	27.23 0.36 0.54	25.87 0.23 0.35	24.47 -0.17 0.13	23.56 -0.17 0.55	23.37 -0.19 0.12	22.69 -0.07 0.53	22.18 -0.21 0.74	22.56 -0.46 1.00	23.00 -0.38 1.73	24.04 -0.53 1.69	24.60 -0.36 0.89	25.21 -0.41 0.26	25.16 -0.29 0.62	23.75 -0.39 1.70	21.23 -0.61 1.64	19.08 -0.52 1.06
STA_7____115KV_9TRANS 80674	21.61 0.04 0.00	20.20 -0.06 0.00	19.66 -0.02 0.00	19.37 -0.06 0.00	19.71 -0.22 0.00	22.15 -0.07 0.00	25.75 0.34 0.44	26.62 0.68 0.18	27.42 0.55 0.53	26.05 0.42 0.35	24.67 0.02 0.12	23.76 0.02 0.54	23.56 0.00 0.12	22.88 0.12 0.53	22.37 -0.02 0.73	22.74 -0.29 0.99	23.22 -0.18 1.71	24.27 -0.32 1.67	24.82 -0.16 0.88	25.43 -0.21 0.25	25.39 -0.08 0.60	23.97 -0.18 1.68	21.42 -0.45 1.62	19.24 -0.37 1.05
STA_82____115KV_TB1 80780	21.48 -0.09 0.00	20.07 -0.18 0.00	19.56 -0.12 0.00	19.30 -0.14 0.00	19.61 -0.32 0.00	22.04 -0.18 0.00	25.66 0.21 0.41	26.53 0.52 0.11	27.28 0.38 0.51	25.91 0.26 0.33	24.50 -0.15 0.12	23.62 -0.15 0.52	23.40 -0.17 0.12	22.75 -0.05 0.50	22.25 -0.19 0.69	22.62 -0.46 0.95	23.13 -0.35 1.63	24.17 -0.50 1.58	24.71 -0.34 0.80	25.32 -0.39 0.17	25.28 -0.29 0.50	23.87 -0.36 1.60	21.33 -0.61 1.54	19.18 -0.50 0.98
STEEL____WIND 323596	21.13 -0.43 0.00	20.01 -0.24 0.00	19.25 -0.43 0.00	18.97 -0.47 0.00	19.23 -0.70 0.00	21.60 -0.62 0.00	22.05 -0.75 3.05	20.79 -0.47 4.86	24.56 -0.36 2.48	23.90 -0.47 1.61	23.52 -0.67 0.58	20.86 -0.90 2.52	22.40 -0.71 0.57	20.06 -0.79 2.44	18.86 -0.88 3.39	18.20 -1.20 4.62	16.60 -1.15 7.36	17.91 -0.89 7.45	19.64 -0.72 5.49	20.32 -0.72 4.84	18.77 -0.60 6.70	18.18 -0.67 6.98	15.81 -0.94 6.74	14.69 -0.76 5.20
STEPHTWN_115KV_BK_2 55603	22.64 1.08 0.00	21.41 1.15 0.00	20.82 1.14 0.00	20.58 1.15 0.00	21.10 1.18 0.00	23.44 1.22 0.00	29.40 1.60 -1.94	35.43 1.59 -7.72	29.22 1.78 -0.03	27.10 1.09 -0.02	25.60 0.82 -0.01	25.11 0.80 -0.03	24.44 0.76 -0.01	24.12 0.79 -0.03	23.96 0.79 -0.05	25.02 0.94 -0.06	26.25 1.03 -0.11	28.92 1.47 -1.20	31.24 1.47 -3.92	35.37 1.48 -8.01	36.42 1.49 -8.87	27.36 1.42 -0.11	24.78 1.20 -0.10	23.53 1.01 -1.85
STEBEN_REC_LFGE 323667	22.10 0.54 0.00	20.66 0.41 0.00	20.09 0.41 0.00	19.82 0.39 0.00	20.15 0.22 0.00	22.64 0.42 0.00	32.19 0.52 -5.82	38.62 0.89 -11.61	32.42 1.07 -3.94	29.37 0.83 -2.56	26.28 0.59 -0.91	28.56 0.29 -3.99	25.00 0.43 -0.89	27.43 0.26 -3.88	28.61 0.12 -5.37	31.10 -0.24 -7.32	37.69 -0.05 -12.63	40.37 0.34 -13.78	37.95 0.47 -11.64	38.89 0.47 -12.54	42.88 0.57 -16.25	38.62 0.41 -12.38	35.52 0.09 -11.94	30.85 0.08 -10.11
STONY____BROOK 24151	24.52 2.72 -0.24	22.77 2.51 0.00	22.14 2.46 0.00	22.29 2.53 -0.33	22.54 2.61 0.00	25.90 2.84 -0.83	35.40 3.59 -5.96	37.17 3.81 -7.24	34.56 4.22 -2.94	31.40 3.38 -2.03	30.17 2.75 -2.65	29.11 2.65 -2.19	27.82 2.56 -1.58	27.86 2.49 -2.08	27.79 2.48 -2.19	30.61 2.74 -3.85	31.79 3.01 -3.66	33.24 3.70 -3.29	35.44 3.49 -6.10	43.72 3.39 -14.44	45.55 3.41 -16.08	33.26 3.36 -4.07	30.82 3.10 -4.23	26.89 2.60 -3.63

STURGEON_POOL_HYD 23609	23.31 1.75 0.00	21.90 1.64 0.00	21.25 1.57 0.00	21.03 1.59 0.00	21.58 1.65 0.00	24.04 1.82 0.00	29.50 1.97 -1.68	34.90 2.17 -6.61	30.00 2.55 -0.05	28.07 2.05 -0.03	26.54 1.76 -0.01	25.97 1.65 -0.05	25.28 1.59 -0.01	24.88 1.54 -0.04	24.71 1.53 -0.06	25.88 1.78 -0.08	27.24 1.98 -0.14	29.82 2.49 -1.08	31.51 2.27 -3.38	34.92 2.17 -6.86	35.89 2.22 -7.61	28.25 2.27 -0.14	25.59 1.97 -0.14	23.79 1.51 -1.62
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	23.22 1.66 0.00	21.86 1.60 0.00	21.21 1.53 0.00	20.99 1.55 0.00	21.54 1.61 0.00	23.98 1.76 0.00	29.63 2.20 -1.58	34.64 2.32 -6.20	30.09 2.63 -0.05	28.07 2.05 -0.03	26.51 1.73 -0.01	25.98 1.65 -0.05	25.28 1.59 -0.01	24.88 1.54 -0.05	24.74 1.55 -0.07	25.86 1.75 -0.09	27.18 1.91 -0.15	29.80 2.52 -1.03	31.35 2.33 -3.18	34.57 2.25 -6.43	35.49 2.29 -7.14	28.20 2.22 -0.15	25.51 1.88 -0.15	23.78 1.59 -1.53
SWANROAD_115KV_TB1 355699	20.46 -1.10 0.00	19.08 -1.17 0.00	18.66 -1.02 0.00	18.38 -1.05 0.00	18.63 -1.30 0.00	20.93 -1.29 0.00	22.99 -0.93 1.93	22.65 -0.65 2.81	24.99 -0.79 1.62	24.06 -0.88 1.04	23.15 -1.24 0.39	21.37 -1.26 1.65	22.12 -1.18 0.38	20.58 -1.12 1.60	19.67 -1.23 2.23	19.44 -1.54 3.05	18.27 -1.56 5.29	19.36 -1.68 5.21	20.69 -1.53 3.63	21.45 -1.53 2.91	20.55 -1.36 4.16	19.47 -1.42 4.94	17.12 -1.60 4.77	15.81 -1.28 3.57
SYNERGY___BIOGAS 323694	21.48 -0.09 0.00	20.36 0.10 0.00	19.54 -0.14 0.00	19.26 -0.18 0.00	19.53 -0.40 0.00	22.00 -0.22 0.00	24.59 0.18 1.45	24.69 0.57 2.00	26.56 0.44 1.28	25.41 0.26 0.83	24.35 -0.12 0.30	22.78 -0.20 1.30	23.19 -0.19 0.29	21.92 -0.12 1.26	21.12 -0.25 1.75	21.10 -0.53 2.39	21.20 -0.43 3.48	22.37 -0.50 3.38	23.21 -0.31 2.33	23.76 -0.34 1.79	23.28 -0.18 2.61	22.31 -0.28 3.24	19.74 -0.61 3.13	17.85 -0.50 2.32
SYRACUSE___ENERGY_ST1 323597	21.65 0.09 0.00	20.36 0.10 0.00	19.74 0.06 0.00	19.51 0.08 0.00	19.97 0.04 0.00	22.31 0.09 0.00	26.28 0.21 -0.22	27.37 0.39 -0.86	27.85 0.44 0.00	26.30 0.31 0.00	24.97 0.31 0.00	24.42 0.15 0.00	23.82 0.14 0.00	23.44 0.14 0.00	23.22 0.09 0.00	24.05 0.02 0.00	25.19 0.08 0.00	26.56 0.19 -0.12	26.48 0.26 -0.37	26.88 0.23 -0.76	27.19 0.29 -0.84	26.04 0.21 0.00	23.55 0.07 0.00	20.91 0.08 -0.17
SYRACUSE___ENERGY_ST2 323598	21.65 0.09 0.00	20.36 0.10 0.00	19.74 0.06 0.00	19.51 0.08 0.00	19.97 0.04 0.00	22.31 0.09 0.00	26.28 0.21 -0.22	27.37 0.39 -0.86	27.85 0.44 0.00	26.30 0.31 0.00	24.97 0.31 0.00	24.42 0.15 0.00	23.82 0.14 0.00	23.44 0.14 0.00	23.22 0.09 0.00	24.05 0.02 0.00	25.19 0.08 0.00	26.56 0.19 -0.12	26.48 0.26 -0.37	26.88 0.23 -0.76	27.19 0.29 -0.84	26.04 0.21 0.00	23.55 0.07 0.00	20.91 0.08 -0.17
SYRACUSE___POWER 24017	21.61 0.04 0.00	20.28 0.02 0.00	19.70 0.02 0.00	19.45 0.02 0.00	19.91 -0.02 0.00	22.24 0.02 0.00	26.28 0.16 -0.26	27.50 0.39 -0.99	27.84 0.41 -0.03	26.29 0.29 -0.01	24.92 0.15 -0.01	24.40 0.10 -0.02	23.80 0.12 -0.01	23.43 0.12 -0.02	23.20 0.05 -0.03	24.06 0.00 -0.04	25.24 0.05 -0.07	26.65 0.18 -0.21	26.64 0.26 -0.53	27.15 0.23 -1.03	27.51 0.29 -1.16	26.08 0.18 -0.07	23.60 0.05 -0.07	21.00 0.06 -0.27
TALLMAN__138KV_BK151 55660	23.39 1.83 0.00	22.02 1.76 0.00	21.37 1.69 0.00	21.12 1.69 0.00	21.70 1.77 0.00	24.15 1.93 0.00	29.86 2.40 -1.60	34.98 2.56 -6.30	30.39 2.93 -0.05	28.33 2.31 -0.03	26.76 1.98 -0.01	26.22 1.89 -0.05	25.51 1.82 -0.01	25.11 1.77 -0.05	24.95 1.76 -0.06	26.10 1.99 -0.09	27.42 2.16 -0.15	30.07 2.78 -1.04	31.66 2.59 -3.23	34.91 2.48 -6.54	35.84 2.53 -7.25	28.41 2.43 -0.15	25.74 2.11 -0.14	23.99 1.78 -1.55
TEALLAVE_115KV_TB7 355573	21.52 -0.04 0.00	20.20 -0.06 0.00	19.62 -0.06 0.00	19.39 -0.04 0.00	19.83 -0.10 0.00	22.18 -0.04 0.00	26.12 0.08 -0.19	27.18 0.29 -0.78	27.70 0.30 0.00	26.16 0.18 0.01	24.82 0.05 0.00	24.27 0.00 0.01	23.70 0.02 0.00	23.31 0.02 0.01	23.09 -0.02 0.01	23.91 -0.10 0.02	25.04 -0.05 0.03	26.39 0.05 -0.09	26.36 0.13 -0.38	26.79 0.10 -0.81	27.11 0.16 -0.89	25.88 0.08 0.03	23.41 -0.05 0.02	20.80 -0.02 -0.17
TELGRAPH_34_KV_EAST 80808	21.02 -0.54 0.00	19.61 -0.65 0.00	19.13 -0.55 0.00	18.87 -0.56 0.00	19.13 -0.80 0.00	21.51 -0.71 0.00	23.86 -0.41 1.58	23.90 -0.03 2.19	25.87 -0.16 1.37	24.79 -0.31 0.89	23.78 -0.67 0.32	22.15 -0.73 1.39	22.68 -0.69 0.32	21.34 -0.61 1.35	20.50 -0.74 1.88	20.42 -1.03 2.57	19.68 -0.98 4.45	20.75 -1.05 4.45	21.93 -0.88 3.05	22.64 -0.91 2.34	21.93 -0.73 3.41	20.76 -0.83 4.24	18.31 -1.08 4.10	16.76 -0.87 3.03
TEMPLE___115KV_TB 2 55572	21.54 -0.02 0.00	20.22 -0.04 0.00	19.64 -0.04 0.00	19.39 -0.04 0.00	19.85 -0.08 0.00	22.20 -0.02 0.00	26.15 0.10 -0.19	27.23 0.31 -0.80	27.73 0.33 0.00	26.19 0.21 0.00	24.87 0.10 0.00	24.29 0.02 0.01	23.72 0.05 0.00	23.33 0.05 0.01	23.12 0.00 0.01	23.94 -0.07 0.01	25.06 -0.03 0.02	26.42 0.08 -0.09	26.39 0.16 -0.39	26.84 0.13 -0.83	27.15 0.18 -0.91	25.91 0.10 0.02	23.44 -0.02 0.02	20.83 0.00 -0.17
TIANA____69_KV_BK 1 55817	24.61 2.80 -0.24	22.95 2.69 0.00	22.24 2.56 0.00	22.38 2.62 -0.33	22.64 2.71 0.00	25.98 2.93 -0.83	35.48 3.59 -6.02	37.12 3.68 -7.32	34.72 4.33 -2.98	31.40 3.35 -2.06	30.09 2.65 -2.67	29.01 2.50 -2.24	27.68 2.42 -1.59	27.82 2.40 -2.12	27.78 2.41 -2.25	30.62 2.67 -3.94	31.83 2.91 -3.81	33.35 3.65 -3.45	35.54 3.44 -6.25	43.77 3.26 -14.63	45.65 3.28 -16.30	33.28 3.23 -4.22	30.89 3.03 -4.37	26.91 2.50 -3.75
TILDEN___115KV_TB1 80814	21.61 0.04 0.00	20.28 0.02 0.00	19.70 0.02 0.00	19.45 0.02 0.00	19.91 -0.02 0.00	22.24 0.02 0.00	26.28 0.16 -0.26	27.50 0.39 -0.99	27.84 0.41 -0.03	26.29 0.29 -0.01	24.92 0.15 -0.01	24.40 0.10 -0.02	23.80 0.12 -0.01	23.43 0.12 -0.02	23.20 0.05 -0.03	24.06 0.00 -0.04	25.24 0.05 -0.07	26.65 0.18 -0.21	26.64 0.26 -0.53	27.15 0.23 -1.03	27.51 0.29 -1.16	26.08 0.18 -0.07	23.60 0.05 -0.07	21.00 0.06 -0.27
TRIGEN___CC 323695	24.18 2.37 -0.24	22.50 2.25 0.00	21.82 2.15 0.00	21.94 2.18 -0.33	22.20 2.27 0.00	25.52 2.47 -0.83	34.98 3.10 -6.02	36.57 3.13 -7.32	34.06 3.67 -2.98	31.01 2.96 -2.06	29.96 2.53 -2.67	28.94 2.43 -2.24	27.61 2.34 -1.59	27.70 2.28 -2.12	27.66 2.29 -2.25	30.48 2.52 -3.94	31.63 2.71 -3.81	33.09 3.39 -3.45	35.25 3.15 -6.25	43.54 3.03 -14.63	45.44 3.08 -16.30	33.07 3.02 -4.22	30.56 2.70 -4.37	26.71 2.29 -3.75
TRINITY__115KV__ 4 BK 55933	22.42 0.86 0.00	21.21 0.95 0.00	20.62 0.94 0.00	20.37 0.93 0.00	20.90 0.98 0.00	23.22 1.00 0.00	29.10 1.29 -1.95	35.15 1.28 -7.76	28.92 1.48 -0.03	26.84 0.83 -0.02	25.37 0.59 -0.01	24.92 0.61 -0.03	24.23 0.54 -0.01	23.91 0.58 -0.03	23.75 0.58 -0.05	24.78 0.70 -0.06	26.00 0.78 -0.11	28.66 1.21 -1.21	30.98 1.19 -3.94	35.12 1.19 -8.05	36.17 1.20 -8.91	27.07 1.14 -0.11	24.55 0.96 -0.10	23.33 0.81 -1.86

UNION___PROCESSING_DRP 323587	21.48 -0.09 0.00	20.09 -0.16 0.00	19.56 -0.12 0.00	19.30 -0.14 0.00	19.61 -0.32 0.00	22.06 -0.16 0.00	25.64 0.21 0.42	26.53 0.55 0.14	27.27 0.38 0.52	25.91 0.26 0.34	24.53 -0.12 0.12	23.60 -0.15 0.53	23.39 -0.17 0.12	22.74 -0.05 0.51	22.23 -0.19 0.71	22.62 -0.43 0.97	23.09 -0.35 1.67	24.14 -0.50 1.61	24.68 -0.34 0.83	25.29 -0.39 0.20	25.26 -0.26 0.54	23.84 -0.36 1.63	21.32 -0.59 1.57	19.16 -0.50 1.01
UPPER HUDSON___HYD 24058	22.96 1.40 0.00	21.61 1.36 0.00	21.00 1.32 0.00	20.74 1.30 0.00	21.32 1.39 0.00	23.71 1.49 0.00	29.98 2.14 -1.98	35.98 1.88 -7.98	29.43 2.03 0.00	27.52 1.53 0.00	25.96 1.19 0.00	25.44 1.17 0.00	24.77 1.09 0.00	24.37 1.07 0.00	24.19 1.06 0.00	25.29 1.27 0.00	26.47 1.36 0.00	29.22 1.84 -1.14	31.67 1.84 -3.99	36.00 1.86 -8.25	37.13 1.96 -9.11	27.67 1.83 0.00	25.03 1.55 0.00	23.79 1.28 -1.85
UPPER RAQUET___HYD 24056	20.70 -0.86 0.00	19.41 -0.85 0.00	18.89 -0.79 0.00	18.62 -0.82 0.00	19.15 -0.78 0.00	21.33 -0.89 0.00	24.52 -1.37 -0.03	24.71 -1.52 -0.11	25.29 -1.89 0.23	24.71 -1.27 0.00	23.73 -1.04 0.00	23.40 -0.87 0.00	22.87 -0.81 0.00	22.48 -0.82 0.00	22.43 -0.69 0.00	23.23 -0.79 0.00	23.98 -1.13 0.00	24.74 -1.52 -0.02	24.40 -1.45 0.00	24.38 -1.50 0.00	24.53 -1.54 0.00	24.33 -1.50 0.00	22.47 -1.01 0.00	19.73 -0.93 0.00
VALLEY44_115KV_TB2 355964	21.65 0.09 0.00	20.26 0.00 0.00	19.74 0.06 0.00	19.49 0.06 0.00	19.77 -0.16 0.00	22.22 0.00 0.00	24.14 -0.83 0.89	24.86 -0.50 0.76	26.52 0.05 0.94	25.22 -0.16 0.61	24.62 0.07 0.22	22.76 -0.56 0.96	23.39 -0.07 0.21	21.71 -0.65 0.93	21.17 -0.67 1.29	21.30 -0.96 1.76	21.30 -0.78 3.03	23.49 0.24 3.00	24.48 0.39 1.76	25.41 0.41 0.88	25.06 0.55 1.55	23.32 0.44 2.95	20.70 0.07 2.85	18.82 0.10 1.94
VALLEY___115KV_TB 1-4 80826	21.54 -0.02 0.00	20.20 -0.06 0.00	19.56 -0.12 0.00	19.32 -0.12 0.00	19.81 -0.12 0.00	22.13 -0.09 0.00	25.71 -0.16 -0.01	26.17 0.00 -0.05	27.38 -0.03 0.00	25.96 -0.03 0.00	24.70 -0.07 0.00	24.18 -0.10 0.00	23.56 -0.12 0.00	23.15 -0.14 0.00	22.99 -0.14 0.00	23.83 -0.19 0.00	24.94 -0.18 0.00	26.13 -0.13 -0.01	25.64 -0.23 -0.02	25.68 -0.26 -0.05	25.83 -0.29 -0.06	25.52 -0.31 0.00	23.11 -0.38 0.00	20.30 -0.37 -0.01
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	22.62 1.06 0.00	21.25 0.99 0.00	20.62 0.94 0.00	20.40 0.97 0.00	20.90 0.98 0.00	23.35 1.13 0.00	28.43 1.58 -1.00	31.56 1.67 -3.77	29.52 2.03 -0.08	27.70 1.66 -0.05	26.20 1.41 -0.02	25.70 1.34 -0.08	24.98 1.28 -0.02	24.59 1.21 -0.08	24.49 1.25 -0.11	25.42 1.25 -0.15	26.76 1.38 -0.27	28.85 1.81 -0.79	29.59 1.73 -2.01	31.51 1.71 -3.92	32.24 1.80 -4.38	27.80 1.70 -0.26	25.12 1.39 -0.25	22.87 1.18 -1.03
VISCHER___FERRY HYD 24020	22.77 1.21 0.00	21.45 1.19 0.00	20.90 1.22 0.00	20.66 1.23 0.00	21.18 1.26 0.00	23.58 1.36 0.00	29.54 1.76 -1.93	35.65 1.75 -7.79	29.35 1.95 0.00	27.23 1.25 0.00	25.76 0.99 0.00	25.22 0.95 0.00	24.56 0.88 0.00	24.18 0.88 0.00	24.00 0.88 0.00	25.05 1.03 0.00	26.27 1.16 0.00	28.94 1.57 -1.11	31.32 1.58 -3.89	35.54 1.61 -8.05	36.60 1.64 -8.89	27.41 1.58 0.00	24.80 1.31 0.00	23.57 1.11 -1.80
V_A_10_SYNC_DSASP 323832	20.89 -0.67 0.00	19.81 -0.45 0.00	19.05 -0.63 0.00	18.79 -0.64 0.00	19.07 -0.86 0.00	21.42 -0.80 0.00	23.87 -0.49 1.50	23.82 -0.21 2.09	25.64 -0.44 1.33	24.57 -0.55 0.86	23.52 -0.94 0.31	22.01 -0.92 1.35	22.43 -0.95 0.30	21.22 -0.77 1.31	20.42 -0.90 1.81	20.36 -1.20 2.46	20.34 -1.18 3.60	21.23 -1.39 3.63	22.11 -1.21 2.53	22.68 -1.22 1.99	22.07 -1.12 2.87	21.18 -1.19 3.47	18.75 -1.39 3.35	17.03 -1.14 2.49
V_CMM_10_SYNC_DSASP 323787	21.22 -0.35 0.00	19.89 -0.36 0.00	19.34 -0.33 0.00	19.08 -0.35 0.00	19.61 -0.32 0.00	21.82 -0.40 0.00	25.18 -0.67 0.00	25.33 -0.78 0.00	26.43 -0.96 0.01	25.39 -0.60 0.00	24.40 -0.37 0.00	23.96 -0.32 0.00	23.40 -0.28 0.00	23.02 -0.28 0.00	22.89 -0.23 0.00	23.76 -0.26 0.00	24.71 -0.40 0.00	25.52 -0.73 0.00	25.15 -0.70 0.00	25.16 -0.72 0.00	25.31 -0.76 0.00	25.16 -0.67 0.00	23.08 -0.40 0.00	20.29 -0.37 0.00
V_CMP_10_SYNC_DSASP 323788	21.50 -0.06 0.00	20.11 -0.14 0.00	19.62 -0.06 0.00	19.32 -0.12 0.00	19.87 -0.06 0.00	22.11 -0.11 0.00	25.81 -0.05 0.00	26.01 -0.10 0.00	27.31 -0.05 0.05	26.24 0.26 0.00	25.19 0.42 0.00	24.69 0.41 0.00	24.11 0.43 0.00	23.69 0.40 0.00	23.54 0.42 0.00	24.33 0.31 0.00	25.21 0.10 0.00	25.96 -0.29 0.00	25.59 -0.26 0.00	25.55 -0.34 0.00	25.67 -0.39 0.00	25.50 -0.34 0.00	23.39 -0.09 0.00	20.56 -0.10 0.00
V_E_10_SYNC_DSASP 323830	23.24 1.68 0.00	21.82 1.56 0.00	21.08 1.40 0.00	20.85 1.42 0.00	21.32 1.39 0.00	23.97 1.75 0.00	29.13 2.20 -1.08	31.66 2.53 -3.01	30.50 2.77 -0.33	28.56 2.36 -0.21	26.80 1.96 -0.08	26.41 1.80 -0.33	25.53 1.78 -0.07	25.22 1.58 -0.34	25.34 1.74 -0.48	26.35 1.68 -0.65	28.18 1.93 -1.14	30.17 2.36 -1.55	30.40 2.38 -2.17	31.68 2.33 -3.47	32.56 2.45 -4.04	29.10 2.17 -1.09	26.16 1.62 -1.06	23.42 1.34 -1.42
V_F_30_NSYNC___DSASP 323816	22.98 1.42 0.00	21.63 1.38 0.00	21.04 1.36 0.00	20.77 1.34 0.00	21.34 1.42 0.00	23.73 1.51 0.00	29.87 2.04 -1.97	36.03 1.96 -7.96	29.55 2.14 0.00	27.57 1.59 0.00	26.06 1.29 0.00	25.54 1.26 0.00	24.86 1.18 0.00	24.46 1.16 0.00	24.30 1.18 0.00	25.37 1.34 0.00	26.57 1.46 0.00	29.27 1.89 -1.13	31.71 1.89 -3.97	36.02 1.92 -8.22	37.13 1.98 -9.08	27.72 1.88 0.00	25.10 1.62 0.00	23.86 1.36 -1.84
V_F_30_SYNC_DSASP 323786	22.45 0.88 0.00	21.19 0.93 0.00	20.64 0.96 0.00	20.38 0.95 0.00	20.92 1.00 0.00	23.22 1.00 0.00	29.12 1.34 -1.92	35.17 1.31 -7.75	28.91 1.51 0.00	26.89 0.91 0.00	25.44 0.67 0.00	24.93 0.66 0.00	24.29 0.61 0.00	23.92 0.63 0.00	23.75 0.62 0.00	24.79 0.77 0.00	25.97 0.85 0.00	28.62 1.26 -1.11	30.99 1.27 -3.87	35.13 1.24 -8.01	36.19 1.28 -8.85	27.02 1.19 0.00	24.49 1.01 0.00	23.30 0.85 -1.79
V_XM_10_SYNC_DSASP 323789	21.50 -0.06 0.00	20.11 -0.14 0.00	19.62 -0.06 0.00	19.32 -0.12 0.00	19.87 -0.06 0.00	22.11 -0.11 0.00	25.81 -0.05 0.00	26.01 -0.10 0.00	27.31 -0.05 0.05	26.24 0.26 0.00	25.19 0.42 0.00	24.69 0.41 0.00	24.11 0.43 0.00	23.69 0.40 0.00	23.54 0.42 0.00	24.33 0.31 0.00	25.21 0.10 0.00	25.96 -0.29 0.00	25.59 -0.26 0.00	25.55 -0.34 0.00	25.67 -0.39 0.00	25.50 -0.34 0.00	23.39 -0.09 0.00	20.56 -0.10 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	23.44 1.88 0.00	22.06 1.80 0.00	21.41 1.73 0.00	21.18 1.75 0.00	21.74 1.81 0.00	24.20 1.98 0.00	29.94 2.48 -1.60	35.18 2.74 -6.32	30.55 3.10 -0.05	28.51 2.49 -0.03	26.94 2.15 -0.01	26.39 2.06 -0.05	25.65 1.97 -0.01	25.25 1.91 -0.05	25.11 1.92 -0.06	26.25 2.14 -0.09	27.57 2.31 -0.15	30.26 2.97 -1.04	31.85 2.77 -3.24	35.11 2.67 -6.56	35.92 2.58 -7.27	28.48 2.51 -0.15	25.79 2.16 -0.14	24.03 1.82 -1.55

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	23.80 2.24 0.00	22.24 1.99 0.00	21.57 1.89 0.00	21.34 1.90 0.00	21.92 1.99 0.00	24.35 2.13 0.00	30.12 2.64 -1.63	35.35 2.82 -6.41	30.69 3.23 -0.05	28.64 2.62 -0.03	27.03 2.25 -0.01	26.48 2.16 -0.05	25.77 2.08 -0.01	25.39 2.05 -0.05	25.22 2.04 -0.06	26.39 2.28 -0.09	27.70 2.44 -0.15	30.43 3.12 -1.05	31.98 2.84 -3.28	35.23 2.69 -6.65	36.15 2.71 -7.38	28.66 2.69 -0.14	26.00 2.37 -0.14	24.22 1.98 -1.57
W50THST__13_KV_LOAD 356117	23.83 2.26 0.00	22.32 2.07 0.00	21.65 1.97 0.00	21.42 1.98 0.00	22.00 2.07 0.00	24.44 2.22 0.00	30.28 2.79 -1.63	35.51 2.98 -6.41	30.85 3.40 -0.05	28.79 2.78 -0.03	27.18 2.40 -0.01	26.63 2.31 -0.05	25.91 2.23 -0.01	25.53 2.19 -0.05	25.36 2.17 -0.06	26.53 2.43 -0.09	27.85 2.59 -0.15	30.59 3.28 -1.05	32.13 3.00 -3.28	35.39 2.85 -6.65	36.28 2.84 -7.38	28.79 2.82 -0.14	26.09 2.47 -0.14	24.30 2.07 -1.57
WADING RIVER_IC_1 23522	24.39 2.59 -0.24	22.64 2.39 0.00	22.02 2.34 0.00	22.19 2.43 -0.33	22.42 2.49 0.00	25.74 2.69 -0.83	35.04 3.23 -5.96	36.91 3.55 -7.24	34.26 3.92 -2.94	31.01 2.99 -2.03	29.68 2.25 -2.65	28.60 2.14 -2.19	27.32 2.06 -1.58	27.40 2.03 -2.08	27.32 2.01 -2.19	30.13 2.26 -3.85	31.26 2.49 -3.66	32.71 3.18 -3.29	34.89 2.95 -6.10	43.20 2.87 -14.44	45.03 2.89 -16.08	32.72 2.82 -4.07	30.37 2.65 -4.23	26.48 2.19 -3.63
WADING RIVER_IC_2 23547	24.39 2.59 -0.24	22.64 2.39 0.00	22.02 2.34 0.00	22.19 2.43 -0.33	22.42 2.49 0.00	25.74 2.69 -0.83	35.04 3.23 -5.96	36.91 3.55 -7.24	34.26 3.92 -2.94	31.01 2.99 -2.03	29.68 2.25 -2.65	28.60 2.14 -2.19	27.32 2.06 -1.58	27.40 2.03 -2.08	27.32 2.01 -2.19	30.13 2.26 -3.85	31.26 2.49 -3.66	32.71 3.18 -3.29	34.89 2.95 -6.10	43.20 2.87 -14.44	45.03 2.89 -16.08	32.72 2.82 -4.07	30.37 2.65 -4.23	26.48 2.19 -3.63
WADING RIVER_IC_3 23601	24.39 2.59 -0.24	22.64 2.39 0.00	22.02 2.34 0.00	22.19 2.43 -0.33	22.42 2.49 0.00	25.74 2.69 -0.83	35.04 3.23 -5.96	36.91 3.55 -7.24	34.26 3.92 -2.94	31.01 2.99 -2.03	29.68 2.25 -2.65	28.60 2.14 -2.19	27.32 2.06 -1.58	27.40 2.03 -2.08	27.32 2.01 -2.19	30.13 2.26 -3.85	31.26 2.49 -3.66	32.71 3.18 -3.29	34.89 2.95 -6.10	43.20 2.87 -14.44	45.03 2.89 -16.08	32.72 2.82 -4.07	30.37 2.65 -4.23	26.48 2.19 -3.63
WALDENNY_12_KV_BK2 80841	21.09 -0.47 0.00	19.67 -0.59 0.00	19.21 -0.47 0.00	18.93 -0.51 0.00	19.19 -0.74 0.00	21.55 -0.67 0.00	22.58 -0.72 2.55	21.82 -0.39 3.91	24.96 -0.33 2.12	24.17 -0.44 1.37	23.61 -0.67 0.49	21.28 -0.85 2.15	22.51 -0.69 0.48	20.46 -0.75 2.09	19.40 -0.83 2.89	18.90 -1.18 3.94	17.15 -1.16 6.81	18.27 -0.95 7.04	20.05 -0.75 5.05	20.83 -0.78 4.28	19.43 -0.63 6.01	18.48 -0.72 6.63	16.13 -0.96 6.39	15.01 -0.79 4.87
WALDEN__HYDRO 24148	23.39 1.83 0.00	21.92 1.66 0.00	21.35 1.67 0.00	21.10 1.67 0.00	21.66 1.73 0.00	24.15 1.93 0.00	29.80 2.41 -1.54	34.92 2.53 -6.27	30.23 2.82 0.00	28.22 2.23 0.00	26.65 1.88 0.00	26.10 1.82 0.00	25.41 1.73 0.00	24.97 1.68 0.00	24.79 1.67 0.00	25.94 1.92 0.00	27.22 2.11 0.00	29.86 2.73 -0.88	31.50 2.56 -3.09	34.77 2.49 -6.40	35.72 2.58 -7.07	28.26 2.43 0.00	25.57 2.09 0.00	23.85 1.76 -1.43
WARRENSBURG____ 23737	22.96 1.40 0.00	21.61 1.36 0.00	21.00 1.32 0.00	20.74 1.30 0.00	21.32 1.39 0.00	23.71 1.49 0.00	29.98 2.14 -1.98	35.98 1.88 -7.98	29.43 2.03 0.00	27.52 1.53 0.00	25.96 1.19 0.00	25.44 1.17 0.00	24.77 1.09 0.00	24.37 1.07 0.00	24.19 1.06 0.00	25.29 1.27 0.00	26.47 1.36 0.00	29.22 1.84 -1.14	31.67 1.84 -3.99	36.00 1.86 -8.25	37.13 1.96 -9.11	27.67 1.83 0.00	25.03 1.55 0.00	23.79 1.28 -1.85
WATERSIDE____6 8 9 23538	23.74 2.18 0.00	22.32 2.07 0.00	21.65 1.97 0.00	21.40 1.96 0.00	22.00 2.07 0.00	24.38 2.16 0.00	30.10 2.61 -1.63	35.32 2.79 -6.41	30.69 3.23 -0.05	28.64 2.62 -0.03	27.06 2.28 -0.01	26.51 2.18 -0.05	25.80 2.11 -0.01	25.41 2.07 -0.05	25.27 2.08 -0.06	26.44 2.33 -0.09	27.75 2.49 -0.15	30.51 3.20 -1.05	32.03 2.90 -3.28	35.26 2.72 -6.65	36.15 2.71 -7.38	28.66 2.69 -0.14	26.02 2.40 -0.14	24.31 2.07 -1.58
WATKINRD_115KV_LN8_ILLION 55919	21.65 0.09 0.00	20.32 0.06 0.00	19.72 0.04 0.00	19.47 0.04 0.00	19.97 0.04 0.00	22.29 0.07 0.00	25.92 0.05 -0.01	26.32 0.16 -0.05	27.54 0.14 0.00	26.06 0.08 0.00	24.79 0.02 0.00	24.30 0.02 0.00	23.68 0.00 0.00	23.27 -0.02 0.00	23.13 0.00 0.00	24.00 -0.02 0.00	25.11 0.00 0.00	26.34 0.08 -0.01	25.87 0.00 -0.02	25.93 0.00 -0.05	26.12 0.00 -0.06	25.78 -0.05 0.00	23.37 -0.12 0.00	20.55 -0.12 -0.01
WATSON____69_KV_BK 1 55734	24.67 2.87 -0.24	22.99 2.73 0.00	22.26 2.58 0.00	22.40 2.64 -0.33	22.66 2.73 0.00	26.03 2.98 -0.83	35.63 3.75 -6.02	37.20 3.76 -7.32	34.77 4.39 -2.98	31.58 3.53 -2.06	30.38 2.95 -2.67	29.33 2.82 -2.24	27.97 2.70 -1.59	28.07 2.66 -2.12	27.99 2.61 -2.25	30.84 2.88 -3.94	32.09 3.16 -3.81	33.59 3.89 -3.45	35.77 3.67 -6.25	44.06 3.55 -14.63	45.96 3.60 -16.30	33.59 3.54 -4.22	31.12 3.26 -4.37	27.14 2.73 -3.75
WDELAWARE__HYD 323627	23.83 2.26 0.00	22.30 2.04 0.00	21.73 2.05 0.00	21.49 2.06 0.00	22.06 2.13 0.00	24.66 2.44 0.00	30.10 2.79 -1.45	35.06 2.87 -6.07	30.56 3.15 0.00	28.56 2.57 0.00	27.00 2.23 0.00	26.41 2.14 0.00	25.60 1.92 0.00	25.02 1.72 0.00	24.84 1.71 0.00	26.04 2.02 0.00	27.37 2.26 0.00	29.99 2.91 -0.83	31.47 2.71 -2.90	34.54 2.64 -6.01	35.44 2.74 -6.64	28.41 2.58 0.00	25.67 2.18 0.00	23.84 1.84 -1.34
WEST BABYLON__IC 23714	24.59 2.78 -0.24	22.89 2.63 0.00	22.18 2.50 0.00	22.31 2.55 -0.33	22.56 2.63 0.00	25.94 2.89 -0.83	35.53 3.65 -6.02	37.10 3.66 -7.32	34.64 4.25 -2.98	31.48 3.43 -2.06	30.33 2.90 -2.67	29.31 2.79 -2.24	27.94 2.68 -1.59	28.02 2.61 -2.12	27.94 2.57 -2.25	30.82 2.86 -3.94	32.01 3.09 -3.81	33.51 3.81 -3.45	35.72 3.62 -6.25	44.00 3.49 -14.63	45.91 3.54 -16.30	33.51 3.46 -4.22	31.03 3.17 -4.37	27.08 2.67 -3.75
WEST CANADA__HYD 24049	21.65 0.09 0.00	20.34 0.08 0.00	19.76 0.08 0.00	19.51 0.08 0.00	20.01 0.08 0.00	22.31 0.09 0.00	26.02 0.13 -0.03	26.37 0.13 -0.12	27.57 0.17 0.00	26.09 0.10 0.00	24.82 0.05 0.00	24.33 0.05 0.00	23.73 0.05 0.00	23.34 0.05 0.00	23.17 0.05 0.00	24.07 0.05 0.00	25.19 0.08 0.00	26.43 0.16 -0.02	26.01 0.10 -0.06	26.11 0.10 -0.12	26.33 0.13 -0.13	25.94 0.10 0.00	23.53 0.05 0.00	20.73 0.04 -0.03
WESTERN_NY_WIND 24143	21.43 -0.13 0.00	20.34 0.08 0.00	19.50 -0.18 0.00	19.22 -0.21 0.00	19.49 -0.44 0.00	21.95 -0.27 0.00	24.43 0.13 1.56	24.45 0.52 2.19	26.46 0.41 1.36	25.34 0.23 0.88	24.28 -0.17 0.32	22.65 -0.24 1.38	23.13 -0.24 0.31	21.79 -0.16 1.34	20.97 -0.30 1.86	20.91 -0.58 2.53	20.89 -0.48 3.74	22.05 -0.55 3.65	22.95 -0.36 2.53	23.50 -0.39 1.99	22.95 -0.24 2.87	22.04 -0.31 3.49	19.49 -0.63 3.36	17.64 -0.52 2.50

WESTOVER___LESR 323668	22.08 0.52 0.00	20.74 0.49 0.00	20.15 0.47 0.00	19.92 0.49 0.00	20.35 0.42 0.00	22.75 0.53 0.00	27.35 0.65 -0.84	29.89 0.91 -2.86	28.66 1.07 -0.18	26.93 0.83 -0.12	25.51 0.69 -0.04	24.99 0.53 -0.18	24.31 0.59 -0.04	23.96 0.49 -0.18	23.81 0.44 -0.24	24.72 0.36 -0.33	26.19 0.50 -0.58	28.08 0.87 -0.96	28.45 0.90 -1.70	29.78 0.91 -2.99	30.44 0.96 -3.41	27.28 0.88 -0.57	24.64 0.61 -0.55	22.20 0.54 -1.00
WETHRSFD_WT_PWR 323626	21.28 -0.28 0.00	20.13 -0.12 0.00	19.38 -0.29 0.00	19.12 -0.31 0.00	19.39 -0.54 0.00	21.78 -0.44 0.00	15.28 -0.44 10.14	8.17 -0.16 17.79	19.63 -0.08 7.69	20.75 -0.23 5.00	22.54 -0.45 1.79	15.82 -0.65 7.80	21.39 -0.54 1.75	15.07 -0.65 7.58	11.90 -0.74 10.49	8.64 -1.08 14.30	0.00 -1.01 24.11	0.00 -0.76 25.49	5.47 -0.59 19.79	6.26 -0.59 19.03	0.00 -0.50 25.57	1.71 -0.62 23.51	0.00 -0.80 22.69	1.82 -0.70 18.13
WHAVSTOR_138KV_BK127 55557	23.37 1.81 0.00	22.00 1.74 0.00	21.35 1.67 0.00	21.12 1.69 0.00	21.68 1.75 0.00	24.13 1.91 0.00	29.84 2.38 -1.60	34.96 2.53 -6.31	30.33 2.88 -0.05	28.30 2.29 -0.03	26.74 1.96 -0.01	26.19 1.87 -0.05	25.47 1.78 -0.01	25.09 1.75 -0.05	24.92 1.73 -0.06	26.08 1.97 -0.09	27.37 2.11 -0.15	30.05 2.76 -1.04	31.62 2.53 -3.23	34.87 2.43 -6.55	35.81 2.48 -7.27	28.38 2.40 -0.15	25.72 2.09 -0.14	23.97 1.76 -1.55
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	23.37 1.81 0.00	22.00 1.74 0.00	21.35 1.67 0.00	21.12 1.69 0.00	21.68 1.75 0.00	24.13 1.91 0.00	29.84 2.38 -1.60	34.96 2.53 -6.31	30.33 2.88 -0.05	28.30 2.29 -0.03	26.74 1.96 -0.01	26.19 1.87 -0.05	25.47 1.78 -0.01	25.09 1.75 -0.05	24.92 1.73 -0.06	26.08 1.97 -0.09	27.37 2.11 -0.15	30.05 2.76 -1.04	31.62 2.53 -3.23	34.87 2.43 -6.55	35.81 2.48 -7.27	28.38 2.40 -0.15	25.72 2.09 -0.14	23.97 1.76 -1.55
WHITEHAL_115KV_TB1 80871	23.42 1.85 0.00	22.06 1.80 0.00	21.39 1.71 0.00	21.12 1.69 0.00	21.74 1.81 0.00	24.15 1.93 0.00	30.64 2.74 -2.05	36.76 2.51 -8.14	30.04 2.60 -0.03	28.03 2.03 -0.02	26.39 1.61 -0.01	25.91 1.60 -0.03	25.20 1.52 -0.01	24.79 1.47 -0.03	24.65 1.48 -0.04	25.81 1.73 -0.06	27.04 1.83 -0.10	29.89 2.39 -1.25	32.40 2.43 -4.12	36.81 2.48 -8.44	38.02 2.61 -9.35	28.33 2.40 -0.10	25.64 2.07 -0.09	24.32 1.71 -1.95
WHITEPLN_13_KV_LOAD 356215	23.63 2.07 0.00	22.24 1.99 0.00	21.59 1.91 0.00	21.34 1.90 0.00	21.92 1.99 0.00	24.38 2.16 0.00	30.09 2.61 -1.63	35.37 2.85 -6.41	30.61 3.15 -0.05	28.53 2.52 -0.03	26.96 2.18 -0.01	26.41 2.09 -0.05	25.70 2.01 -0.01	25.30 1.96 -0.05	25.13 1.94 -0.06	26.32 2.21 -0.09	27.62 2.36 -0.15	30.35 3.05 -1.05	31.92 2.79 -3.28	35.22 2.69 -6.65	36.15 2.71 -7.37	28.64 2.66 -0.14	25.92 2.30 -0.14	24.15 1.92 -1.57
WM_FLOYD_69_KV_BK2 356380	24.48 2.67 -0.24	22.83 2.57 0.00	22.12 2.44 0.00	22.27 2.51 -0.33	22.52 2.59 0.00	25.85 2.80 -0.83	35.32 3.44 -6.02	36.91 3.47 -7.32	34.45 4.06 -2.98	31.22 3.17 -2.06	29.94 2.50 -2.67	28.89 2.38 -2.24	27.57 2.30 -1.59	27.68 2.26 -2.12	27.62 2.24 -2.25	30.46 2.50 -3.94	31.66 2.74 -3.81	33.11 3.41 -3.45	35.31 3.21 -6.25	43.59 3.08 -14.63	45.47 3.10 -16.30	33.12 3.07 -4.22	30.75 2.89 -4.37	26.81 2.40 -3.75
WOODARD___115KV_TB2 355635	21.45 -0.11 0.00	20.13 -0.12 0.00	19.58 -0.10 0.00	19.34 -0.10 0.00	19.79 -0.14 0.00	22.11 -0.11 0.00	26.01 -0.03 -0.18	27.06 0.18 -0.76	27.59 0.19 0.01	26.06 0.08 0.01	24.74 -0.02 0.00	24.19 -0.07 0.01	23.63 -0.05 0.00	23.24 -0.05 0.01	23.02 -0.09 0.01	23.84 -0.17 0.02	24.96 -0.13 0.03	26.30 -0.03 -0.08	26.27 0.05 -0.37	26.70 0.03 -0.79	27.01 0.08 -0.87	25.80 0.00 0.03	23.34 -0.12 0.03	20.76 -0.06 -0.16
YORK___WARBASSE 23770	23.83 2.26 0.00	22.38 2.13 0.00	21.71 2.03 0.00	21.43 2.00 0.00	22.06 2.13 0.00	24.40 2.18 0.00	30.12 2.64 -1.63	35.32 2.79 -6.41	30.71 3.26 -0.05	28.66 2.65 -0.03	27.06 2.28 -0.01	26.53 2.21 -0.05	25.84 2.15 -0.01	25.46 2.12 -0.05	25.32 2.13 -0.06	26.51 2.40 -0.09	27.85 2.59 -0.15	30.64 3.33 -1.05	32.13 3.00 -3.28	35.36 2.82 -6.65	36.21 2.76 -7.38	28.77 2.79 -0.14	26.11 2.49 -0.14	24.41 2.17 -1.58