

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

05/06/2023

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	22.83	21.44	20.76	20.52	20.46	20.83	23.02	23.73	22.86	21.23	20.84	20.39	20.56	20.28	20.07	20.28	21.21	24.36	28.36	31.80	32.29	26.15	24.13	21.44
24138	1.65	1.51	1.47	1.50	1.43	1.23	1.30	1.30	1.64	1.62	1.45	1.42	1.52	1.52	1.48	1.44	1.44	1.63	1.80	1.81	1.98	1.57	1.63	1.26
	0.00	0.00	0.00	0.00	0.00	-1.53	-2.83	-4.92	-1.29	-1.26	-3.26	-3.69	-2.90	-2.62	-2.84	-2.83	-3.61	-4.59	-5.66	-9.01	-6.47	-4.20	-2.83	-4.02
74TH STREET_GT_1	22.87	21.48	20.80	20.56	20.51	20.87	23.05	23.76	22.89	21.27	20.87	20.43	20.60	20.30	20.10	20.32	21.26	24.42	28.39	31.82	32.33	26.18	24.16	21.45
24260	1.69	1.56	1.51	1.54	1.49	1.26	1.32	1.31	1.65	1.65	1.48	1.45	1.55	1.53	1.51	1.47	1.49	1.69	1.82	1.81	2.00	1.59	1.65	1.26
	0.00	0.00	0.00	0.00	0.00	-1.54	-2.83	-4.93	-1.29	-1.26	-3.26	-3.70	-2.91	-2.63	-2.85	-2.83	-3.61	-4.60	-5.67	-9.03	-6.48	-4.21	-2.83	-4.03
74TH STREET_GT_2	22.87	21.48	20.80	20.56	20.51	20.87	23.05	23.76	22.89	21.27	20.87	20.43	20.60	20.30	20.10	20.32	21.26	24.42	28.39	31.82	32.33	26.18	24.16	21.45
24261	1.69	1.56	1.51	1.54	1.49	1.26	1.32	1.31	1.65	1.65	1.48	1.45	1.55	1.53	1.51	1.47	1.49	1.69	1.82	1.81	2.00	1.59	1.65	1.26
	0.00	0.00	0.00	0.00	0.00	-1.54	-2.83	-4.93	-1.29	-1.26	-3.26	-3.70	-2.91	-2.63	-2.85	-2.83	-3.61	-4.60	-5.67	-9.03	-6.48	-4.21	-2.83	-4.03
ADK HUDSON___FALLS	22.17	20.84	20.18	19.89	20.00	21.06	23.87	25.44	22.74	21.00	21.51	21.22	20.94	20.53	20.42	20.73	22.07	25.61	30.09	35.07	34.60	27.57	24.80	22.70
24011	1.00	0.92	0.89	0.87	0.97	0.78	0.89	0.81	0.94	0.83	0.68	0.61	0.60	0.60	0.57	0.62	0.69	0.83	1.00	1.05	1.29	1.12	1.04	0.73
	0.00	0.00	0.00	0.00	0.00	-2.22	-4.09	-7.11	-1.86	-1.82	-4.71	-5.34	-4.19	-3.79	-4.11	-4.09	-5.22	-6.64	-8.18	-13.03	-9.47	-6.07	-4.09	-5.81
ADK RESOURCE___RCVRY	22.30	20.96	20.31	19.99	20.07	21.15	23.96	25.55	22.83	21.09	21.60	21.39	21.01	20.58	20.48	20.80	22.15	25.72	30.22	35.22	34.68	27.71	24.93	22.78
23798	1.12	1.04	1.02	0.97	1.05	0.85	0.96	0.88	1.02	0.90	0.74	0.75	0.65	0.63	0.60	0.67	0.74	0.91	1.09	1.13	1.43	1.22	1.14	0.78
	0.00	0.00	0.00	0.00	0.00	-2.23	-4.11	-7.15	-1.87	-1.84	-4.74	-5.37	-4.22	-3.81	-4.14	-4.11	-5.25	-6.68	-8.23	-13.10	-9.41	-6.11	-4.11	-5.84
ADK S GLENS___FALLS	22.17	20.84	20.18	19.89	20.00	21.06	23.87	25.44	22.74	21.00	21.51	21.22	20.94	20.53	20.42	20.73	22.07	25.61	30.09	35.07	34.60	27.57	24.80	22.70
24028	1.00	0.92	0.89	0.87	0.97	0.78	0.89	0.81	0.94	0.83	0.68	0.61	0.60	0.60	0.57	0.62	0.69	0.83	1.00	1.05	1.29	1.12	1.04	0.73
	0.00	0.00	0.00	0.00	0.00	-2.22	-4.09	-7.11	-1.86	-1.82	-4.71	-5.34	-4.19	-3.79	-4.11	-4.09	-5.22	-6.64	-8.18	-13.03	-9.47	-6.07	-4.09	-5.81
ADK_NYS___DAM	22.19	20.88	20.20	19.97	20.00	21.00	23.66	25.11	22.68	20.93	21.37	21.11	20.87	20.47	20.38	20.65	21.89	25.31	29.71	34.46	33.95	27.24	24.56	22.41
23527	1.02	0.96	0.91	0.95	0.97	0.81	0.85	0.77	0.96	0.83	0.73	0.72	0.71	0.69	0.69	0.72	0.73	0.82	0.96	0.99	1.14	1.04	0.96	0.68
	0.00	0.00	0.00	0.00	0.00	-2.13	-3.92	-6.82	-1.78	-1.75	-4.51	-5.12	-4.02	-3.63	-3.94	-3.92	-5.00	-6.36	-7.84	-12.49	-8.97	-5.82	-3.92	-5.57
AIR_PRODUCTS___DRP	21.45	20.22	19.62	19.38	19.45	20.41	23.03	24.49	22.05	20.42	20.91	20.62	20.43	20.05	19.95	20.20	21.44	24.75	29.04	33.72	33.24	26.49	23.88	21.88
24190	0.28	0.30	0.33	0.36	0.42	0.23	0.25	0.19	0.34	0.33	0.29	0.26	0.29	0.29	0.28	0.29	0.31	0.29	0.33	0.31	0.36	0.33	0.31	0.18
	0.00	0.00	0.00	0.00	0.00	-2.11	-3.90	-6.78	-1.77	-1.74	-4.49	-5.09	-4.00	-3.61	-3.92	-3.90	-4.97	-6.33	-7.80	-12.42	-9.04	-5.79	-3.90	-5.54
AKWESSNE_115KV_BK	20.92	19.71	19.08	18.73	18.74	17.84	18.64	17.33	19.71	18.12	15.93	15.08	15.93	15.93	15.53	15.80	15.93	17.92	20.67	20.76	23.49	20.09	19.37	15.95
355683	-0.25	-0.22	-0.21	-0.29	-0.29	-0.23	-0.26	-0.21	-0.24	-0.24	-0.21	-0.21	-0.23	-0.23	-0.22	-0.22	-0.24	-0.24	-0.25	-0.27	-0.38	-0.31	-0.31	-0.23
	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.02	-0.01	-0.01	-0.01	-0.02	-0.01	-0.01	-0.01	-0.01	-0.02	-0.02	-0.03	-0.04	-0.03	-0.02	-0.01	-0.02
ALBANY___1	21.45	20.22	19.62	19.38	19.45	20.41	23.03	24.49	22.05	20.42	20.91	20.62	20.43	20.05	19.95	20.20	21.44	24.75	29.04	33.72	33.24	26.49	23.88	21.88
23571	0.28	0.30	0.33	0.36	0.42	0.23	0.25	0.19	0.34	0.33	0.29	0.26	0.29	0.29	0.28	0.29	0.31	0.29	0.33	0.31	0.36	0.33	0.31	0.18
	0.00	0.00	0.00	0.00	0.00	-2.11	-3.90	-6.78	-1.77	-1.74	-4.49	-5.09	-4.00	-3.61	-3.92	-3.90	-4.97	-6.33	-7.80	-12.42	-9.04	-5.79	-3.90	-5.54
ALBANY___2	21.45	20.22	19.62	19.38	19.45	20.41	23.03	24.49	22.05	20.42	20.91	20.62	20.43	20.05	19.95	20.20	21.44	24.75	29.04	33.72	33.24	26.49	23.88	21.88
23572	0.28	0.30	0.33	0.36	0.42	0.23	0.25	0.19	0.34	0.33	0.29	0.26	0.29	0.29	0.28	0.29	0.31	0.29	0.33	0.31	0.36	0.33	0.31	0.18
	0.00	0.00	0.00	0.00	0.00	-2.11	-3.90	-6.78	-1.77	-1.74	-4.49	-5.09	-4.00	-3.61	-3.92	-3.90	-4.97	-6.33	-7.80	-12.42	-9.04	-5.79	-3.90	-5.54
ALBANY___3	21.45	20.22	19.62	19.38	19.45	20.41	23.03	24.49	22.05	20.42	20.91	20.62	20.43	20.05	19.95	20.20	21.44	24.75	29.04	33.72	33.24	26.49	23.88	21.88
23573	0.28	0.30	0.33	0.36	0.42	0.23	0.25	0.19	0.34	0.33	0.29	0.26	0.29	0.29	0.28	0.29	0.31	0.29	0.33	0.31	0.36	0.33	0.31	0.18
	0.00	0.00	0.00	0.00	0.00	-2.11	-3.90	-6.78	-1.77	-1.74	-4.49	-5.09	-4.00	-3.61	-3.92	-3.90	-4.97	-6.33	-7.80	-12.42	-9.04	-5.79	-3.90	-5.54

ALBANY___4 23574	21.45 0.28 0.00	20.22 0.30 0.00	19.62 0.33 0.00	19.38 0.36 0.00	19.45 0.42 0.00	20.41 0.23 -2.11	23.03 0.25 -3.90	24.49 0.19 -6.78	22.05 0.34 -1.77	20.42 0.33 -1.74	20.91 0.29 -4.49	20.62 0.26 -5.09	20.43 0.29 -4.00	20.05 0.29 -3.61	19.95 0.28 -3.92	20.20 0.29 -3.90	21.44 0.31 -4.97	24.75 0.29 -6.33	29.04 0.33 -7.80	33.72 0.31 -12.42	33.24 0.36 -9.04	26.49 0.33 -5.79	23.88 0.31 -3.90	21.88 0.18 -5.54
ALBANY___LFGE 323615	21.68 0.51 0.00	20.46 0.54 0.00	19.83 0.54 0.00	19.59 0.57 0.00	19.60 0.57 0.00	20.62 0.40 -2.16	23.28 0.42 -3.97	24.78 0.35 -6.91	22.25 0.50 -1.81	20.62 0.50 -1.77	21.11 0.40 -4.58	20.88 0.41 -5.19	20.62 0.40 -4.08	20.23 0.40 -3.68	20.12 0.38 -4.00	20.40 0.42 -3.97	21.67 0.44 -5.07	25.00 0.42 -6.45	29.35 0.50 -7.95	34.15 0.50 -12.66	33.51 0.57 -9.09	26.79 0.51 -5.90	24.12 0.47 -3.97	22.13 0.32 -5.65
ALCOA_PA_115KV_PL-6C 55860	20.96 -0.21 0.00	19.75 -0.18 0.00	19.12 -0.17 0.00	18.75 -0.27 0.00	18.74 -0.29 0.00	17.86 -0.22 -0.01	18.66 -0.25 -0.02	17.35 -0.19 -0.03	19.73 -0.22 -0.01	18.12 -0.24 -0.01	15.92 -0.23 -0.02	15.07 -0.23 -0.02	15.93 -0.23 -0.02	15.93 -0.23 -0.02	15.52 -0.24 -0.02	15.79 -0.24 -0.02	15.92 -0.26 -0.02	17.92 -0.24 -0.03	20.70 -0.23 -0.03	20.77 -0.27 -0.05	23.52 -0.36 -0.04	20.10 -0.31 -0.03	19.37 -0.31 -0.02	15.97 -0.21 -0.02
ALCOA_RYNLDS___DRP 24188	20.96 -0.21 0.00	19.75 -0.18 0.00	19.12 -0.17 0.00	18.75 -0.27 0.00	18.74 -0.29 0.00	17.86 -0.22 -0.01	18.66 -0.25 -0.02	17.35 -0.19 -0.03	19.73 -0.22 -0.01	18.12 -0.24 -0.01	15.92 -0.23 -0.02	15.07 -0.23 -0.02	15.93 -0.23 -0.02	15.93 -0.23 -0.02	15.52 -0.24 -0.02	15.79 -0.24 -0.02	15.92 -0.26 -0.02	17.92 -0.24 -0.03	20.70 -0.23 -0.03	20.77 -0.27 -0.05	23.52 -0.36 -0.04	20.10 -0.31 -0.03	19.37 -0.31 -0.02	15.97 -0.21 -0.02
ALCOA___DSASP 323711	20.96 -0.21 0.00	19.74 -0.18 0.00	19.12 -0.17 0.00	18.75 -0.27 0.00	18.74 -0.28 0.00	17.85 -0.22 0.00	18.64 -0.25 0.00	17.32 -0.19 0.00	19.72 -0.22 0.00	18.11 -0.24 0.00	15.90 -0.23 0.00	15.05 -0.23 0.00	15.92 -0.23 0.00	15.93 -0.21 0.00	15.51 -0.24 0.00	15.77 -0.24 0.00	15.90 -0.26 0.00	17.90 -0.24 0.00	20.67 -0.23 0.00	20.72 -0.27 0.00	23.49 -0.36 0.00	20.07 -0.31 0.00	19.36 -0.32 0.00	15.95 -0.21 0.00
ALLEGHENY___COGEN 23514	21.43 0.26 0.00	20.10 0.18 0.00	19.47 0.17 0.00	19.15 0.13 0.00	19.14 0.11 0.00	18.42 0.07 -0.28	19.58 0.17 -0.52	18.49 0.07 -0.91	19.92 -0.26 -0.24	18.33 -0.26 -0.23	16.32 -0.40 -0.60	15.66 -0.29 -0.68	16.26 -0.42 -0.53	16.11 -0.52 -0.48	15.92 -0.35 -0.52	16.20 -0.34 -0.52	16.55 -0.27 -0.67	18.71 -0.27 -0.85	21.73 -0.21 -1.04	22.55 -0.10 -1.66	26.08 0.10 -2.14	21.30 0.14 -0.77	20.35 0.16 -0.52	17.06 0.16 -0.74
ALTAMONT_115KV_TB 2 55880	21.79 0.61 0.00	20.50 0.58 0.00	19.87 0.58 0.00	19.61 0.59 0.00	19.66 0.63 0.00	20.68 0.49 -2.13	23.33 0.51 -3.93	24.82 0.47 -6.83	22.33 0.60 -1.79	20.66 0.55 -1.75	21.13 0.48 -4.52	20.85 0.44 -5.13	20.66 0.48 -4.03	20.27 0.48 -3.64	20.15 0.46 -3.95	20.40 0.46 -3.93	21.66 0.48 -5.01	25.04 0.53 -6.38	29.37 0.61 -7.86	34.11 0.61 -12.51	33.67 0.72 -9.11	26.82 0.61 -5.83	24.19 0.59 -3.93	22.18 0.44 -5.58
ALTONA_WT_PWR 323606	21.51 0.34 0.00	20.20 0.28 0.00	19.50 0.21 0.00	19.02 0.00 0.00	18.97 -0.06 0.00	18.07 0.00 0.00	18.87 -0.02 0.00	17.66 0.14 0.00	20.12 0.18 0.00	18.52 0.16 0.00	16.22 0.10 0.00	15.40 0.12 0.00	16.21 0.06 0.00	16.14 0.00 0.00	15.76 0.02 0.00	15.98 -0.03 0.00	16.13 -0.03 0.00	18.21 0.07 0.00	21.05 0.15 0.00	21.01 0.02 0.00	23.70 -0.14 0.00	20.19 -0.18 0.00	19.44 -0.24 0.00	15.93 -0.23 0.00
AMERICAN_REF_FUEL 24010	19.46 -1.71 0.00	18.27 -1.65 0.00	17.73 -1.56 0.00	17.44 -1.58 0.00	17.45 -1.58 0.00	16.82 -1.50 -0.26	17.85 -1.51 -0.47	16.74 -1.59 -0.82	18.00 -2.15 -0.21	16.75 -1.82 -0.21	15.04 -1.63 -0.54	14.33 -1.56 -0.61	14.98 -1.65 -0.48	14.85 -1.73 -0.44	14.61 -1.61 -0.47	14.86 -1.62 -0.47	15.19 -1.57 -0.60	16.98 -1.92 -0.77	19.54 -2.30 -0.94	20.20 -2.29 -1.50	21.09 -2.17 0.59	19.04 -2.04 -0.70	18.20 -1.95 -0.47	15.57 -1.26 -0.67
ARKWRIGHT___SUMMIT_WT_PWR 323751	20.37 -0.80 0.00	19.13 -0.80 0.00	18.56 -0.73 0.00	18.28 -0.74 0.00	18.29 -0.74 0.00	17.43 -0.92 -0.28	18.58 -0.83 -0.52	17.54 -0.89 -0.91	18.86 -1.32 -0.24	17.54 -1.05 -0.23	15.76 -0.97 -0.60	15.06 -0.90 -0.68	15.69 -0.99 -0.54	15.55 -1.08 -0.48	15.29 -0.98 -0.53	15.56 -0.98 -0.52	15.89 -0.94 -0.67	17.84 -1.14 -0.85	20.53 -1.42 -1.05	21.27 -1.39 -1.67	22.46 -1.55 -0.16	19.91 -1.24 -0.78	18.94 -1.26 -0.52	16.11 -0.79 -0.74
ARTHUR_KILL_GT_1 23520	22.96 1.78 -0.01	21.54 1.61 0.00	20.84 1.54 0.00	20.58 1.56 0.00	20.51 1.49 0.00	20.74 1.14 -1.54	22.88 1.15 -2.83	23.50 1.05 -4.93	22.60 1.37 -1.28	21.00 1.39 -1.26	20.66 1.27 -3.25	20.23 1.27 -3.69	20.44 1.39 -2.91	20.12 1.36 -2.62	19.95 1.35 -2.85	20.16 1.31 -2.83	21.12 1.34 -3.61	24.29 1.56 -4.60	28.35 1.78 -5.67	31.76 1.74 -9.03	32.16 1.84 -6.48	26.03 1.45 -4.21	24.12 1.61 -2.83	21.45 1.26 -4.03
ARTHUR_KILL_2 23512	22.92 1.74 -0.01	21.50 1.57 0.00	20.78 1.49 0.00	20.52 1.50 0.00	20.47 1.45 0.00	20.70 1.10 -1.54	22.82 1.10 -2.83	23.46 1.02 -4.93	22.54 1.32 -1.28	20.97 1.36 -1.26	20.62 1.24 -3.25	20.20 1.24 -3.69	20.39 1.34 -2.91	20.07 1.31 -2.62	19.90 1.31 -2.85	20.11 1.26 -2.83	21.07 1.29 -3.61	24.26 1.52 -4.60	28.28 1.71 -5.67	31.67 1.66 -9.03	32.09 1.76 -6.48	25.97 1.39 -4.21	24.06 1.55 -2.83	21.41 1.23 -4.03
ARTHUR_KILL_3 23513	22.72 1.54 0.00	21.32 1.39 0.00	20.66 1.37 0.00	20.45 1.43 0.00	20.36 1.33 0.00	20.72 1.12 -1.54	22.89 1.17 -2.83	23.65 1.21 -4.92	22.77 1.54 -1.29	21.17 1.56 -1.26	20.79 1.40 -3.26	20.35 1.38 -3.70	20.52 1.47 -2.90	20.24 1.47 -2.62	20.01 1.42 -2.85	20.19 1.35 -2.83	21.11 1.34 -3.61	24.25 1.52 -4.60	28.20 1.63 -5.67	31.62 1.62 -9.02	32.11 1.79 -6.48	25.99 1.40 -4.20	24.04 1.54 -2.83	21.35 1.16 -4.02
ARTHUR_KILL_COGEN 323718	22.96 1.78 -0.01	21.54 1.61 0.00	20.84 1.54 0.00	20.58 1.56 0.00	20.51 1.49 0.00	20.74 1.14 -1.54	22.88 1.15 -2.83	23.50 1.05 -4.93	22.60 1.37 -1.28	21.00 1.39 -1.26	20.66 1.27 -3.25	20.23 1.27 -3.69	20.44 1.39 -2.91	20.12 1.36 -2.62	19.95 1.35 -2.85	20.16 1.31 -2.83	21.12 1.34 -3.61	24.29 1.56 -4.60	28.35 1.78 -5.67	31.76 1.74 -9.03	32.16 1.84 -6.48	26.03 1.45 -4.21	24.12 1.61 -2.83	21.45 1.26 -4.03
ASHOKAN____ 23654	21.96 0.78 0.00	20.94 1.02 0.00	20.12 0.83 0.00	19.97 0.95 0.00	20.00 0.97 0.00	20.47 0.60 -1.81	22.92 0.70 -3.33	24.00 0.68 -5.80	22.28 0.82 -1.52	20.59 0.75 -1.49	20.56 0.60 -3.84	20.10 0.47 -4.35	20.18 0.61 -3.42	19.80 0.56 -3.09	19.55 0.46 -3.35	19.81 0.46 -3.34	20.98 0.57 -4.25	24.33 0.78 -5.41	28.43 0.86 -6.67	32.56 0.95 -10.62	32.62 1.14 -7.63	26.16 0.84 -4.95	23.77 0.77 -3.33	21.51 0.61 -4.74

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ASTORIA_GT_10 24110	22.83 1.65 0.00	21.44 1.51 0.00	20.74 1.45 0.00	20.50 1.48 0.00	20.44 1.41 0.00	20.76 1.16 -1.54	22.93 1.21 -2.83	23.62 1.17 -4.93	22.75 1.51 -1.29	21.14 1.52 -1.26	20.78 1.39 -3.26	20.33 1.36 -3.70	20.50 1.45 -2.91	20.22 1.45 -2.63	20.02 1.43 -2.85	20.22 1.38 -2.83	21.17 1.39 -3.61	24.31 1.58 -4.60	28.28 1.71 -5.67	31.70 1.68 -9.03	32.19 1.86 -6.48	26.05 1.47 -4.21	24.06 1.55 -2.83	21.38 1.20 -4.03
ASTORIA_GT_11 24225	22.83 1.65 0.00	21.44 1.51 0.00	20.74 1.45 0.00	20.50 1.48 0.00	20.44 1.41 0.00	20.76 1.16 -1.54	22.93 1.21 -2.83	23.62 1.17 -4.93	22.75 1.51 -1.29	21.14 1.52 -1.26	20.78 1.39 -3.26	20.33 1.36 -3.70	20.50 1.45 -2.91	20.22 1.45 -2.63	20.02 1.43 -2.85	20.22 1.38 -2.83	21.17 1.39 -3.61	24.31 1.58 -4.60	28.28 1.71 -5.67	31.70 1.68 -9.03	32.19 1.86 -6.48	26.05 1.47 -4.21	24.06 1.55 -2.83	21.38 1.20 -4.03
ASTORIA_GT_12 24226	22.83 1.65 0.00	21.44 1.51 0.00	20.74 1.45 0.00	20.50 1.48 0.00	20.44 1.41 0.00	20.76 1.16 -1.54	22.93 1.21 -2.83	23.62 1.17 -4.93	22.75 1.51 -1.29	21.14 1.52 -1.26	20.78 1.39 -3.26	20.33 1.36 -3.70	20.50 1.45 -2.91	20.22 1.45 -2.63	20.02 1.43 -2.85	20.22 1.38 -2.83	21.17 1.39 -3.61	24.31 1.58 -4.60	28.28 1.71 -5.67	31.70 1.68 -9.03	32.19 1.86 -6.48	26.05 1.47 -4.21	24.06 1.55 -2.83	21.38 1.20 -4.03
ASTORIA_GT_13 24227	22.83 1.65 0.00	21.44 1.51 0.00	20.74 1.45 0.00	20.50 1.48 0.00	20.44 1.41 0.00	20.76 1.16 -1.54	22.93 1.21 -2.83	23.62 1.17 -4.93	22.75 1.51 -1.29	21.14 1.52 -1.26	20.78 1.39 -3.26	20.33 1.36 -3.70	20.50 1.45 -2.91	20.22 1.45 -2.63	20.02 1.43 -2.85	20.22 1.38 -2.83	21.17 1.39 -3.61	24.31 1.58 -4.60	28.28 1.71 -5.67	31.70 1.68 -9.03	32.19 1.86 -6.48	26.05 1.47 -4.21	24.06 1.55 -2.83	21.38 1.20 -4.03
ASTORIA_GT_5 24106	22.76 1.59 0.01	21.35 1.44 0.01	20.65 1.37 0.01	20.40 1.39 0.01	20.35 1.33 0.01	20.62 1.03 -1.53	22.79 1.08 -2.83	23.53 1.09 -4.92	22.66 1.44 -1.28	21.04 1.43 -1.26	20.69 1.31 -3.25	20.28 1.31 -3.69	20.45 1.40 -2.90	20.18 1.42 -2.62	19.98 1.40 -2.84	20.18 1.35 -2.83	21.09 1.33 -3.61	24.23 1.50 -4.59	28.19 1.63 -5.66	31.60 1.59 -9.02	32.08 1.76 -6.47	25.92 1.34 -4.20	23.93 1.44 -2.83	21.28 1.10 -4.02
ASTORIA_GT_7 24107	22.76 1.59 0.01	21.35 1.44 0.01	20.65 1.37 0.01	20.40 1.39 0.01	20.35 1.33 0.01	20.62 1.03 -1.53	22.79 1.08 -2.83	23.53 1.09 -4.92	22.66 1.44 -1.28	21.04 1.43 -1.26	20.69 1.31 -3.25	20.28 1.31 -3.69	20.45 1.40 -2.90	20.18 1.42 -2.62	19.98 1.40 -2.84	20.18 1.35 -2.83	21.09 1.33 -3.61	24.23 1.50 -4.59	28.19 1.63 -5.66	31.60 1.59 -9.02	32.08 1.76 -6.47	25.92 1.34 -4.20	23.93 1.44 -2.83	21.28 1.10 -4.02
ASTORIA_GT_8 24108	22.76 1.59 0.01	21.35 1.44 0.01	20.65 1.37 0.01	20.40 1.39 0.01	20.35 1.33 0.01	20.62 1.03 -1.53	22.79 1.08 -2.83	23.53 1.09 -4.92	22.66 1.44 -1.28	21.04 1.43 -1.26	20.69 1.31 -3.25	20.28 1.31 -3.69	20.45 1.40 -2.90	20.18 1.42 -2.62	19.98 1.40 -2.84	20.18 1.35 -2.83	21.09 1.33 -3.61	24.23 1.50 -4.59	28.19 1.63 -5.66	31.60 1.59 -9.02	32.08 1.76 -6.47	25.92 1.34 -4.20	23.93 1.44 -2.83	21.28 1.10 -4.02
ASTORIA___2 24149	22.73 1.57 0.01	21.33 1.41 0.01	20.63 1.35 0.01	20.38 1.37 0.01	20.32 1.29 0.01	20.59 0.99 -1.53	22.77 1.06 -2.83	23.51 1.07 -4.92	22.62 1.40 -1.28	21.02 1.41 -1.26	20.67 1.29 -3.25	20.26 1.30 -3.69	20.41 1.37 -2.90	20.15 1.39 -2.62	19.95 1.37 -2.84	20.15 1.31 -2.83	21.08 1.31 -3.61	24.21 1.49 -4.59	28.15 1.59 -5.66	31.56 1.55 -9.02	32.04 1.72 -6.47	25.90 1.32 -4.20	23.89 1.40 -2.83	21.25 1.07 -4.02
ASTORIA___3 23516	22.83 1.65 0.00	21.44 1.51 0.00	20.74 1.45 0.00	20.50 1.48 0.00	20.44 1.41 0.00	20.76 1.16 -1.54	22.93 1.21 -2.83	23.62 1.17 -4.93	22.75 1.51 -1.29	21.14 1.52 -1.26	20.78 1.39 -3.26	20.33 1.36 -3.70	20.50 1.45 -2.91	20.22 1.45 -2.63	20.02 1.43 -2.85	20.22 1.38 -2.83	21.17 1.39 -3.61	24.31 1.58 -4.60	28.28 1.71 -5.67	31.70 1.68 -9.03	32.19 1.86 -6.48	26.05 1.47 -4.21	24.06 1.55 -2.83	21.38 1.20 -4.03
ASTORIA___4 23517	22.76 1.59 0.00	21.34 1.41 0.00	20.66 1.37 0.00	20.41 1.39 0.00	20.44 1.41 0.00	20.76 1.16 -1.54	22.93 1.21 -2.83	23.62 1.17 -4.93	22.75 1.52 -1.29	21.14 1.52 -1.26	20.78 1.39 -3.26	20.29 1.31 -3.70	20.50 1.45 -2.91	20.22 1.45 -2.63	20.02 1.43 -2.85	20.22 1.38 -2.83	21.13 1.36 -3.61	24.29 1.56 -4.60	28.28 1.71 -5.67	31.69 1.68 -9.03	32.34 1.86 -6.63	26.05 1.47 -4.21	24.06 1.55 -2.83	21.38 1.20 -4.03
ASTORIA___5 23518	22.83 1.65 0.00	21.44 1.51 0.00	20.74 1.45 0.00	20.50 1.48 0.00	20.44 1.41 0.00	20.76 1.16 -1.54	22.93 1.21 -2.83	23.62 1.17 -4.93	22.75 1.51 -1.29	21.14 1.52 -1.26	20.78 1.39 -3.26	20.33 1.36 -3.70	20.50 1.45 -2.91	20.22 1.45 -2.63	20.02 1.43 -2.85	20.22 1.38 -2.83	21.17 1.39 -3.61	24.31 1.58 -4.60	28.28 1.71 -5.67	31.70 1.68 -9.03	32.19 1.86 -6.48	26.05 1.47 -4.21	24.06 1.55 -2.83	21.38 1.20 -4.03
AST_ENERGY_2_CC3 323677	22.74 1.57 0.00	21.36 1.44 0.00	20.68 1.39 0.00	20.45 1.43 0.00	20.40 1.37 0.00	20.76 1.16 -1.54	22.93 1.21 -2.83	23.65 1.21 -4.92	22.77 1.54 -1.29	21.14 1.52 -1.26	20.76 1.37 -3.26	20.32 1.34 -3.70	20.48 1.44 -2.90	20.20 1.44 -2.62	19.99 1.40 -2.85	20.20 1.36 -2.83	21.13 1.36 -3.61	24.27 1.54 -4.60	28.22 1.65 -5.67	31.65 1.64 -9.02	32.13 1.81 -6.48	26.03 1.45 -4.20	24.04 1.54 -2.83	21.36 1.18 -4.02
AST_ENERGY_2_CC4 323678	22.74 1.57 0.00	21.36 1.44 0.00	20.68 1.39 0.00	20.45 1.43 0.00	20.40 1.37 0.00	20.76 1.16 -1.54	22.93 1.21 -2.83	23.65 1.21 -4.92	22.77 1.54 -1.29	21.14 1.52 -1.26	20.76 1.37 -3.26	20.32 1.34 -3.70	20.48 1.44 -2.90	20.20 1.44 -2.62	19.99 1.40 -2.85	20.20 1.36 -2.83	21.13 1.36 -3.61	24.27 1.54 -4.60	28.22 1.65 -5.67	31.65 1.64 -9.02	32.13 1.81 -6.48	26.03 1.45 -4.20	24.04 1.54 -2.83	21.36 1.18 -4.02
ATHENS_STG_1 23668	22.02 0.85 0.00	20.72 0.80 0.00	20.06 0.77 0.00	19.82 0.80 0.00	19.81 0.78 0.00	20.56 0.63 -1.86	23.00 0.68 -3.43	24.12 0.63 -5.98	22.30 0.80 -1.56	20.66 0.77 -1.53	20.76 0.68 -3.96	20.42 0.66 -4.49	20.36 0.69 -3.52	20.02 0.69 -3.18	19.87 0.68 -3.45	20.12 0.67 -3.44	21.22 0.68 -4.38	24.47 0.76 -5.58	28.61 0.84 -6.88	32.79 0.86 -10.94	32.68 0.98 -7.86	26.29 0.82 -5.10	23.91 0.81 -3.43	21.64 0.60 -4.88
ATHENS_STG_2 23670	22.02 0.85 0.00	20.72 0.80 0.00	20.06 0.77 0.00	19.82 0.80 0.00	19.81 0.78 0.00	20.56 0.63 -1.86	23.00 0.68 -3.43	24.12 0.63 -5.98	22.30 0.80 -1.56	20.66 0.77 -1.53	20.76 0.68 -3.96	20.42 0.66 -4.49	20.36 0.69 -3.52	20.02 0.69 -3.18	19.87 0.68 -3.45	20.12 0.67 -3.44	21.22 0.68 -4.38	24.47 0.76 -5.58	28.61 0.84 -6.88	32.79 0.86 -10.94	32.68 0.98 -7.86	26.29 0.82 -5.10	23.91 0.81 -3.43	21.64 0.60 -4.88

ATHENS_STG_3 23677	22.02 0.85 0.00	20.72 0.80 0.00	20.06 0.77 0.00	19.82 0.80 0.00	19.81 0.78 0.00	20.56 0.63 -1.86	23.00 0.68 -3.43	24.12 0.63 -5.98	22.30 0.80 -1.56	20.66 0.77 -1.53	20.76 0.68 -3.96	20.42 0.66 -4.49	20.36 0.69 -3.52	20.02 0.69 -3.18	19.87 0.68 -3.45	20.12 0.67 -3.44	21.22 0.68 -4.38	24.47 0.76 -5.58	28.61 0.84 -6.88	32.79 0.86 -10.94	32.68 0.98 -7.86	26.29 0.82 -5.10	23.91 0.81 -3.43	21.64 0.60 -4.88
AUBURN___LFG 323710	21.30 0.13 0.00	20.04 0.12 0.00	19.41 0.12 0.00	19.15 0.13 0.00	19.14 0.11 0.00	18.23 -0.05 -0.22	19.29 0.00 -0.40	18.20 -0.02 -0.70	20.02 -0.10 -0.18	18.40 -0.13 -0.18	16.41 -0.18 -0.46	15.63 -0.17 -0.52	16.36 -0.19 -0.41	16.35 -0.16 -0.37	16.10 -0.05 -0.40	16.40 -0.02 -0.40	16.69 0.02 -0.51	18.80 0.02 -0.65	21.72 0.02 -0.80	22.31 0.04 -1.28	27.33 0.14 -3.34	21.12 0.14 -0.60	20.19 0.12 -0.40	16.68 -0.05 -0.57
BABYLON_RES_REC 323704	28.37 2.10 -5.10	26.67 1.95 -4.79	24.16 1.89 -2.97	23.24 1.92 -2.30	24.16 1.87 -3.26	25.09 1.63 -5.40	23.78 1.74 -3.15	29.08 1.68 -9.89	28.29 2.04 -6.31	27.64 1.93 -7.36	23.48 1.69 -5.66	22.64 1.74 -5.63	22.01 1.73 -4.14	22.13 1.76 -4.22	22.68 1.79 -5.14	23.39 1.75 -5.63	25.30 1.76 -7.38	30.72 1.99 -10.59	36.35 2.15 -13.30	36.89 2.14 -13.76	40.94 2.38 -14.71	36.05 1.98 -13.70	26.14 2.05 -4.42	25.65 1.57 -7.92
BABYLON__69_KV_BK2 356345	28.50 2.22 -5.10	26.77 2.05 -4.79	24.27 2.01 -2.97	23.33 2.02 -2.30	24.33 2.04 -3.26	25.27 1.81 -5.40	23.93 1.91 -3.13	28.96 1.84 -9.60	28.18 2.21 -6.02	27.47 2.11 -7.01	23.64 1.85 -5.66	22.61 1.71 -5.63	22.15 1.87 -4.13	22.27 1.90 -4.22	22.82 1.94 -5.14	23.53 1.89 -5.63	25.43 1.89 -7.38	30.88 2.16 -10.59	36.54 2.34 -13.30	37.07 2.33 -13.75	41.31 2.60 -14.86	36.25 2.18 -13.70	26.34 2.24 -4.42	25.82 1.75 -7.92
BARON_WINDS___WT_PWR 323822	21.07 -0.11 0.00	19.79 -0.14 0.00	19.20 -0.10 0.00	18.90 -0.11 0.00	18.90 -0.13 0.00	18.06 -0.36 -0.35	19.26 -0.28 -0.65	18.30 -0.35 -1.13	19.62 -0.62 -0.30	18.13 -0.51 -0.29	16.37 -0.50 -0.75	15.63 -0.49 -0.85	16.31 -0.50 -0.66	16.19 -0.55 -0.60	15.89 -0.50 -0.65	16.18 -0.48 -0.65	16.55 -0.44 -0.83	18.62 -0.56 -1.05	21.49 -0.71 -1.30	22.40 -0.65 -2.07	27.01 -0.64 -3.81	20.83 -0.51 -0.96	19.83 -0.49 -0.65	16.81 -0.27 -0.92
BARRETT_IC_1 23704	28.27 1.99 -5.10	26.55 1.83 -4.79	24.04 1.77 -2.97	23.12 1.81 -2.30	24.04 1.75 -3.26	24.98 1.52 -5.40	23.65 1.60 -3.15	29.02 1.54 -9.96	28.24 1.91 -6.39	27.62 1.82 -7.45	23.32 1.53 -5.66	22.46 1.56 -5.63	21.91 1.63 -4.14	22.00 1.63 -4.22	22.47 1.59 -5.14	23.18 1.54 -5.63	25.06 1.52 -7.38	30.43 1.70 -10.59	36.01 1.82 -13.30	36.55 1.81 -13.76	40.58 2.03 -14.71	35.71 1.63 -13.70	25.79 1.69 -4.42	25.41 1.33 -7.92
BARRETT_IC_10 23701	28.27 1.99 -5.10	26.55 1.83 -4.79	24.04 1.77 -2.97	23.12 1.81 -2.30	24.04 1.75 -3.26	24.98 1.52 -5.40	23.65 1.60 -3.15	29.02 1.54 -9.96	28.24 1.91 -6.39	27.62 1.82 -7.45	23.32 1.53 -5.66	22.46 1.56 -5.63	21.91 1.63 -4.14	22.00 1.63 -4.22	22.47 1.59 -5.14	23.18 1.54 -5.63	25.06 1.52 -7.38	30.43 1.70 -10.59	36.01 1.82 -13.30	36.55 1.81 -13.76	40.58 2.03 -14.71	35.71 1.63 -13.70	25.79 1.69 -4.42	25.41 1.33 -7.92
BARRETT_IC_11 23702	28.27 1.99 -5.10	26.55 1.83 -4.79	24.04 1.77 -2.97	23.12 1.81 -2.30	24.04 1.75 -3.26	24.98 1.52 -5.40	23.65 1.60 -3.15	29.02 1.54 -9.96	28.24 1.91 -6.39	27.62 1.82 -7.45	23.32 1.53 -5.66	22.46 1.56 -5.63	21.91 1.63 -4.14	22.00 1.63 -4.22	22.47 1.59 -5.14	23.18 1.54 -5.63	25.06 1.52 -7.38	30.43 1.70 -10.59	36.01 1.82 -13.30	36.55 1.81 -13.76	40.58 2.03 -14.71	35.71 1.63 -13.70	25.79 1.69 -4.42	25.41 1.33 -7.92
BARRETT_IC_12 23703	28.27 1.99 -5.10	26.55 1.83 -4.79	24.04 1.77 -2.97	23.12 1.81 -2.30	24.04 1.75 -3.26	24.98 1.52 -5.40	23.65 1.60 -3.15	29.02 1.54 -9.96	28.24 1.91 -6.39	27.62 1.82 -7.45	23.32 1.53 -5.66	22.46 1.56 -5.63	21.91 1.63 -4.14	22.00 1.63 -4.22	22.47 1.59 -5.14	23.18 1.54 -5.63	25.06 1.52 -7.38	30.43 1.70 -10.59	36.01 1.82 -13.30	36.55 1.81 -13.76	40.58 2.03 -14.71	35.71 1.63 -13.70	25.79 1.69 -4.42	25.41 1.33 -7.92
BARRETT_IC_2 23705	28.27 1.99 -5.10	26.55 1.83 -4.79	24.04 1.77 -2.97	23.12 1.81 -2.30	24.04 1.75 -3.26	24.98 1.52 -5.40	23.65 1.60 -3.15	29.02 1.54 -9.96	28.24 1.91 -6.39	27.62 1.82 -7.45	23.32 1.53 -5.66	22.46 1.56 -5.63	21.91 1.63 -4.14	22.00 1.63 -4.22	22.47 1.59 -5.14	23.18 1.54 -5.63	25.06 1.52 -7.38	30.43 1.70 -10.59	36.01 1.82 -13.30	36.55 1.81 -13.76	40.58 2.03 -14.71	35.71 1.63 -13.70	25.79 1.69 -4.42	25.41 1.33 -7.92
BARRETT_IC_3 23706	28.27 1.99 -5.10	26.55 1.83 -4.79	24.04 1.77 -2.97	23.12 1.81 -2.30	24.04 1.75 -3.26	24.98 1.52 -5.40	23.65 1.60 -3.15	29.02 1.54 -9.96	28.24 1.91 -6.39	27.62 1.82 -7.45	23.32 1.53 -5.66	22.46 1.56 -5.63	21.91 1.63 -4.14	22.00 1.63 -4.22	22.47 1.59 -5.14	23.18 1.54 -5.63	25.06 1.52 -7.38	30.43 1.70 -10.59	36.01 1.82 -13.30	36.55 1.81 -13.76	40.58 2.03 -14.71	35.71 1.63 -13.70	25.79 1.69 -4.42	25.41 1.33 -7.92
BARRETT_IC_4 23707	28.27 1.99 -5.10	26.55 1.83 -4.79	24.04 1.77 -2.97	23.12 1.81 -2.30	24.04 1.75 -3.26	24.98 1.52 -5.40	23.65 1.60 -3.15	29.02 1.54 -9.96	28.24 1.91 -6.39	27.62 1.82 -7.45	23.32 1.53 -5.66	22.46 1.56 -5.63	21.91 1.63 -4.14	22.00 1.63 -4.22	22.47 1.59 -5.14	23.18 1.54 -5.63	25.06 1.52 -7.38	30.43 1.70 -10.59	36.01 1.82 -13.30	36.55 1.81 -13.76	40.58 2.03 -14.71	35.71 1.63 -13.70	25.79 1.69 -4.42	25.41 1.33 -7.92
BARRETT_IC_5 23708	28.27 1.99 -5.10	26.55 1.83 -4.79	24.04 1.77 -2.97	23.12 1.81 -2.30	24.04 1.75 -3.26	24.98 1.52 -5.40	23.65 1.60 -3.15	29.02 1.54 -9.96	28.24 1.91 -6.39	27.62 1.82 -7.45	23.32 1.53 -5.66	22.46 1.56 -5.63	21.91 1.63 -4.14	22.00 1.63 -4.22	22.47 1.59 -5.14	23.18 1.54 -5.63	25.06 1.52 -7.38	30.43 1.70 -10.59	36.01 1.82 -13.30	36.55 1.81 -13.76	40.58 2.03 -14.71	35.71 1.63 -13.70	25.79 1.69 -4.42	25.41 1.33 -7.92
BARRETT_IC_6 23709	28.27 1.99 -5.10	26.55 1.83 -4.79	24.04 1.77 -2.97	23.12 1.81 -2.30	24.04 1.75 -3.26	24.98 1.52 -5.40	23.65 1.60 -3.15	29.02 1.54 -9.96	28.24 1.91 -6.39	27.62 1.82 -7.45	23.32 1.53 -5.66	22.46 1.56 -5.63	21.91 1.63 -4.14	22.00 1.63 -4.22	22.47 1.59 -5.14	23.18 1.54 -5.63	25.06 1.52 -7.38	30.43 1.70 -10.59	36.01 1.82 -13.30	36.55 1.81 -13.76	40.58 2.03 -14.71	35.71 1.63 -13.70	25.79 1.69 -4.42	25.41 1.33 -7.92
BARRETT_IC_7 23710	28.27 1.99 -5.10	26.55 1.83 -4.79	24.04 1.77 -2.97	23.12 1.81 -2.30	24.04 1.75 -3.26	24.98 1.52 -5.40	23.65 1.60 -3.15	29.02 1.54 -9.96	28.24 1.91 -6.39	27.62 1.82 -7.45	23.32 1.53 -5.66	22.46 1.56 -5.63	21.91 1.63 -4.14	22.00 1.63 -4.22	22.47 1.59 -5.14	23.18 1.54 -5.63	25.06 1.52 -7.38	30.43 1.70 -10.59	36.01 1.82 -13.30	36.55 1.81 -13.76	40.58 2.03 -14.71	35.71 1.63 -13.70	25.79 1.69 -4.42	25.41 1.33 -7.92

BARRETT_IC_8 23711	28.27 1.99 -5.10	26.55 1.83 -4.79	24.04 1.77 -2.97	23.12 1.81 -2.30	24.04 1.75 -3.26	24.98 1.52 -5.40	23.65 1.60 -3.15	29.02 1.54 -9.96	28.24 1.91 -6.39	27.62 1.82 -7.45	23.32 1.53 -5.66	22.46 1.56 -5.63	21.91 1.63 -4.14	22.00 1.63 -4.22	22.47 1.59 -5.14	23.18 1.54 -5.63	25.06 1.52 -7.38	30.43 1.70 -10.59	36.01 1.82 -13.30	36.55 1.81 -13.76	40.58 2.03 -14.71	35.71 1.63 -13.70	25.79 1.69 -4.42	25.41 1.33 -7.92
BARRETT_IC_9 23700	28.27 1.99 -5.10	26.55 1.83 -4.79	24.04 1.77 -2.97	23.12 1.81 -2.30	24.04 1.75 -3.26	24.98 1.52 -5.40	23.65 1.60 -3.15	29.02 1.54 -9.96	28.24 1.91 -6.39	27.62 1.82 -7.45	23.32 1.53 -5.66	22.46 1.56 -5.63	21.91 1.63 -4.14	22.00 1.63 -4.22	22.47 1.59 -5.14	23.18 1.54 -5.63	25.06 1.52 -7.38	30.43 1.70 -10.59	36.01 1.82 -13.30	36.55 1.81 -13.76	40.58 2.03 -14.71	35.71 1.63 -13.70	25.79 1.69 -4.42	25.41 1.33 -7.92
BARRETT___1 23545	28.27 1.99 -5.10	26.55 1.83 -4.79	24.04 1.77 -2.97	23.12 1.81 -2.30	24.04 1.75 -3.26	24.98 1.52 -5.40	23.65 1.60 -3.15	29.02 1.54 -9.96	28.24 1.91 -6.39	27.62 1.82 -7.45	23.32 1.53 -5.66	22.46 1.56 -5.63	21.91 1.63 -4.14	22.00 1.63 -4.22	22.47 1.59 -5.14	23.18 1.54 -5.63	25.06 1.52 -7.38	30.43 1.70 -10.59	36.01 1.82 -13.30	36.55 1.81 -13.76	40.58 2.03 -14.71	35.71 1.63 -13.70	25.79 1.69 -4.42	25.41 1.33 -7.92
BARRETT___2 23546	28.27 1.99 -5.10	26.55 1.83 -4.79	24.04 1.77 -2.97	23.12 1.81 -2.30	24.04 1.75 -3.26	24.98 1.52 -5.40	23.65 1.60 -3.15	29.02 1.54 -9.96	28.24 1.91 -6.39	27.62 1.82 -7.45	23.32 1.53 -5.66	22.46 1.56 -5.63	21.91 1.63 -4.14	22.00 1.63 -4.22	22.47 1.59 -5.14	23.18 1.54 -5.63	25.06 1.52 -7.38	30.43 1.70 -10.59	36.01 1.82 -13.30	36.55 1.81 -13.76	40.58 2.03 -14.71	35.71 1.63 -13.70	25.79 1.69 -4.42	25.41 1.33 -7.92
BATAVIA___115KV_TB1 55881	20.35 -0.83 0.00	19.21 -0.72 0.00	18.58 -0.71 0.00	18.31 -0.70 0.00	18.25 -0.78 0.00	17.60 -0.70 -0.24	18.65 -0.68 -0.44	17.53 -0.75 -0.77	18.97 -1.18 -0.20	17.54 -1.01 -0.20	15.68 -0.95 -0.51	15.04 -0.81 -0.57	15.59 -1.00 -0.45	15.53 -1.02 -0.41	15.21 -0.98 -0.44	15.47 -0.98 -0.44	15.83 -0.89 -0.56	17.76 -1.09 -0.71	20.44 -1.34 -0.88	21.11 -1.28 -1.40	21.64 -1.14 1.05	20.01 -1.02 -0.65	19.15 -0.96 -0.44	16.22 -0.57 -0.63
BAYONEEC___CTG1 323682	22.76 1.59 0.00	21.36 1.44 0.00	20.70 1.41 0.00	20.46 1.44 0.00	20.40 1.37 0.00	20.76 1.16 -1.54	22.95 1.23 -2.83	23.67 1.23 -4.92	22.80 1.58 -1.29	21.17 1.56 -1.26	20.79 1.40 -3.26	20.35 1.38 -3.70	20.52 1.47 -2.90	20.24 1.47 -2.62	20.02 1.43 -2.85	20.22 1.38 -2.83	21.16 1.39 -3.61	24.29 1.56 -4.60	28.26 1.69 -5.67	31.69 1.68 -9.02	32.18 1.86 -6.48	26.05 1.47 -4.20	24.06 1.55 -2.83	21.38 1.20 -4.02
BAYONEEC___CTG10 323750	22.76 1.59 0.00	21.36 1.44 0.00	20.70 1.41 0.00	20.46 1.44 0.00	20.40 1.37 0.00	20.76 1.16 -1.54	22.95 1.23 -2.83	23.67 1.23 -4.92	22.80 1.58 -1.29	21.17 1.56 -1.26	20.79 1.40 -3.26	20.35 1.38 -3.70	20.52 1.47 -2.90	20.24 1.47 -2.62	20.02 1.43 -2.85	20.22 1.38 -2.83	21.16 1.39 -3.61	24.29 1.56 -4.60	28.26 1.69 -5.67	31.69 1.68 -9.02	32.18 1.86 -6.48	26.05 1.47 -4.20	24.06 1.55 -2.83	21.38 1.20 -4.02
BAYONEEC___CTG2 323683	22.76 1.59 0.00	21.36 1.44 0.00	20.70 1.41 0.00	20.46 1.44 0.00	20.40 1.37 0.00	20.76 1.16 -1.54	22.95 1.23 -2.83	23.67 1.23 -4.92	22.80 1.58 -1.29	21.17 1.56 -1.26	20.79 1.40 -3.26	20.35 1.38 -3.70	20.52 1.47 -2.90	20.24 1.47 -2.62	20.02 1.43 -2.85	20.22 1.38 -2.83	21.16 1.39 -3.61	24.29 1.56 -4.60	28.26 1.69 -5.67	31.69 1.68 -9.02	32.18 1.86 -6.48	26.05 1.47 -4.20	24.06 1.55 -2.83	21.38 1.20 -4.02
BAYONEEC___CTG3 323684	22.76 1.59 0.00	21.36 1.44 0.00	20.70 1.41 0.00	20.46 1.44 0.00	20.40 1.37 0.00	20.76 1.16 -1.54	22.95 1.23 -2.83	23.67 1.23 -4.92	22.80 1.58 -1.29	21.17 1.56 -1.26	20.79 1.40 -3.26	20.35 1.38 -3.70	20.52 1.47 -2.90	20.24 1.47 -2.62	20.02 1.43 -2.85	20.22 1.38 -2.83	21.16 1.39 -3.61	24.29 1.56 -4.60	28.26 1.69 -5.67	31.69 1.68 -9.02	32.18 1.86 -6.48	26.05 1.47 -4.20	24.06 1.55 -2.83	21.38 1.20 -4.02
BAYONEEC___CTG4 323685	22.76 1.59 0.00	21.36 1.44 0.00	20.70 1.41 0.00	20.46 1.44 0.00	20.40 1.37 0.00	20.76 1.16 -1.54	22.95 1.23 -2.83	23.67 1.23 -4.92	22.80 1.58 -1.29	21.17 1.56 -1.26	20.79 1.40 -3.26	20.35 1.38 -3.70	20.52 1.47 -2.90	20.24 1.47 -2.62	20.02 1.43 -2.85	20.22 1.38 -2.83	21.16 1.39 -3.61	24.29 1.56 -4.60	28.26 1.69 -5.67	31.69 1.68 -9.02	32.18 1.86 -6.48	26.05 1.47 -4.20	24.06 1.55 -2.83	21.38 1.20 -4.02
BAYONEEC___CTG5 323686	22.76 1.59 0.00	21.36 1.44 0.00	20.70 1.41 0.00	20.46 1.44 0.00	20.40 1.37 0.00	20.76 1.16 -1.54	22.95 1.23 -2.83	23.67 1.23 -4.92	22.80 1.58 -1.29	21.17 1.56 -1.26	20.79 1.40 -3.26	20.35 1.38 -3.70	20.52 1.47 -2.90	20.24 1.47 -2.62	20.02 1.43 -2.85	20.22 1.38 -2.83	21.16 1.39 -3.61	24.29 1.56 -4.60	28.26 1.69 -5.67	31.69 1.68 -9.02	32.18 1.86 -6.48	26.05 1.47 -4.20	24.06 1.55 -2.83	21.38 1.20 -4.02
BAYONEEC___CTG6 323687	22.76 1.59 0.00	21.36 1.44 0.00	20.70 1.41 0.00	20.46 1.44 0.00	20.40 1.37 0.00	20.76 1.16 -1.54	22.95 1.23 -2.83	23.67 1.23 -4.92	22.80 1.58 -1.29	21.17 1.56 -1.26	20.79 1.40 -3.26	20.35 1.38 -3.70	20.52 1.47 -2.90	20.24 1.47 -2.62	20.02 1.43 -2.85	20.22 1.38 -2.83	21.16 1.39 -3.61	24.29 1.56 -4.60	28.26 1.69 -5.67	31.69 1.68 -9.02	32.18 1.86 -6.48	26.05 1.47 -4.20	24.06 1.55 -2.83	21.38 1.20 -4.02
BAYONEEC___CTG7 323688	22.76 1.59 0.00	21.36 1.44 0.00	20.70 1.41 0.00	20.46 1.44 0.00	20.40 1.37 0.00	20.76 1.16 -1.54	22.95 1.23 -2.83	23.67 1.23 -4.92	22.80 1.58 -1.29	21.17 1.56 -1.26	20.79 1.40 -3.26	20.35 1.38 -3.70	20.52 1.47 -2.90	20.24 1.47 -2.62	20.02 1.43 -2.85	20.22 1.38 -2.83	21.16 1.39 -3.61	24.29 1.56 -4.60	28.26 1.69 -5.67	31.69 1.68 -9.02	32.18 1.86 -6.48	26.05 1.47 -4.20	24.06 1.55 -2.83	21.38 1.20 -4.02
BAYONEEC___CTG8 323689	22.76 1.59 0.00	21.36 1.44 0.00	20.70 1.41 0.00	20.46 1.44 0.00	20.40 1.37 0.00	20.76 1.16 -1.54	22.95 1.23 -2.83	23.67 1.23 -4.92	22.80 1.58 -1.29	21.17 1.56 -1.26	20.79 1.40 -3.26	20.35 1.38 -3.70	20.52 1.47 -2.90	20.24 1.47 -2.62	20.02 1.43 -2.85	20.22 1.38 -2.83	21.16 1.39 -3.61	24.29 1.56 -4.60	28.26 1.69 -5.67	31.69 1.68 -9.02	32.18 1.86 -6.48	26.05 1.47 -4.20	24.06 1.55 -2.83	21.38 1.20 -4.02
BAYONEEC___CTG9 323749	22.76 1.59 0.00	21.36 1.44 0.00	20.70 1.41 0.00	20.46 1.44 0.00	20.40 1.37 0.00	20.76 1.16 -1.54	22.95 1.23 -2.83	23.67 1.23 -4.92	22.80 1.58 -1.29	21.17 1.56 -1.26	20.79 1.40 -3.26	20.35 1.38 -3.70	20.52 1.47 -2.90	20.24 1.47 -2.62	20.02 1.43 -2.85	20.22 1.38 -2.83	21.16 1.39 -3.61	24.29 1.56 -4.60	28.26 1.69 -5.67	31.69 1.68 -9.02	32.18 1.86 -6.48	26.05 1.47 -4.20	24.06 1.55 -2.83	21.38 1.20 -4.02

BEACON___LESR 323632	21.81 0.63 0.00	20.58 0.66 0.00	19.95 0.66 0.00	19.68 0.67 0.00	19.69 0.67 0.00	20.68 0.49 -2.13	23.35 0.53 -3.93	24.81 0.45 -6.83	22.37 0.64 -1.79	20.71 0.60 -1.75	21.17 0.52 -4.52	20.91 0.50 -5.13	20.67 0.50 -4.03	20.27 0.48 -3.64	20.13 0.44 -3.95	20.42 0.48 -3.93	21.69 0.52 -5.01	25.04 0.53 -6.38	29.39 0.63 -7.86	34.13 0.63 -12.52	33.57 0.74 -8.99	26.86 0.65 -5.83	24.21 0.61 -3.93	22.18 0.44 -5.58
BEAVER RIVER___HYD 24048	20.77 -0.40 0.00	19.55 -0.38 0.00	18.89 -0.41 0.00	18.62 -0.40 0.00	18.63 -0.40 0.00	17.70 -0.43 -0.07	18.51 -0.51 -0.13	17.28 -0.46 -0.22	19.40 -0.60 -0.06	17.75 -0.66 -0.06	15.61 -0.66 -0.14	14.81 -0.63 -0.16	15.63 -0.65 -0.13	15.60 -0.66 -0.12	15.22 -0.65 -0.13	15.51 -0.62 -0.13	15.69 -0.63 -0.16	17.72 -0.62 -0.20	20.61 -0.54 -0.25	20.87 -0.52 -0.40	23.61 -0.52 -0.29	20.10 -0.47 -0.19	19.27 -0.53 -0.13	15.89 -0.45 -0.18
BEEBEE_GT_13 23619	20.50 -0.68 0.00	19.31 -0.62 0.00	18.69 -0.60 0.00	18.43 -0.59 0.00	18.40 -0.63 0.00	17.72 -0.56 -0.21	18.75 -0.53 -0.39	17.62 -0.58 -0.68	19.22 -0.90 -0.18	17.76 -0.77 -0.17	15.85 -0.73 -0.45	15.17 -0.61 -0.51	15.82 -0.73 -0.40	15.79 -0.71 -0.36	15.46 -0.68 -0.39	15.73 -0.67 -0.39	16.04 -0.61 -0.50	17.99 -0.78 -0.63	20.74 -0.94 -0.78	21.31 -0.92 -1.24	21.35 -0.98 1.52	20.22 -0.73 -0.58	19.37 -0.69 -0.39	16.26 -0.45 -0.55
BENSHRST_27_KV_BENSHRST_1 355998	23.00 1.82 -0.01	21.54 1.61 0.00	20.84 1.54 0.00	20.56 1.54 0.00	20.61 1.58 0.00	20.88 1.28 -1.54	23.03 1.30 -2.83	23.69 1.24 -4.93	22.83 1.60 -1.29	21.21 1.60 -1.26	20.86 1.47 -3.26	20.38 1.41 -3.70	20.60 1.55 -2.91	20.32 1.55 -2.63	20.12 1.53 -2.85	20.33 1.49 -2.83	21.25 1.47 -3.61	24.46 1.72 -4.60	28.49 1.92 -5.67	31.90 1.89 -9.03	32.53 2.05 -6.63	26.21 1.63 -4.21	24.24 1.73 -2.83	21.54 1.36 -4.03
BETHLEHEM___GRP 23843	21.45 0.28 0.00	20.22 0.30 0.00	19.62 0.33 0.00	19.38 0.36 0.00	19.45 0.42 0.00	20.41 0.23 -2.11	23.03 0.25 -3.90	24.49 0.19 -6.78	22.05 0.34 -1.77	20.42 0.33 -1.74	20.91 0.29 -4.49	20.62 0.26 -5.09	20.43 0.29 -4.00	20.05 0.29 -3.61	19.95 0.28 -3.92	20.20 0.29 -3.90	21.44 0.31 -4.97	24.75 0.29 -6.33	29.04 0.33 -7.80	33.72 0.31 -12.42	33.24 0.36 -9.04	26.49 0.33 -5.79	23.88 0.31 -3.90	21.88 0.18 -5.54
BETHLEHEM___GS1 323560	21.49 0.32 0.00	20.28 0.36 0.00	19.68 0.39 0.00	19.42 0.40 0.00	19.43 0.40 0.00	20.43 0.23 -2.13	23.07 0.24 -3.93	24.55 0.19 -6.84	22.07 0.34 -1.79	20.44 0.33 -1.76	20.95 0.29 -4.53	20.70 0.29 -5.14	20.47 0.29 -4.03	20.08 0.29 -3.65	19.98 0.28 -3.96	20.23 0.29 -3.93	21.48 0.31 -5.02	24.79 0.27 -6.39	29.10 0.33 -7.87	33.84 0.32 -12.53	33.20 0.36 -9.00	26.56 0.35 -5.84	23.92 0.31 -3.93	21.93 0.18 -5.59
BETHLEHEM___GS2 323561	21.49 0.32 0.00	20.28 0.36 0.00	19.68 0.39 0.00	19.42 0.40 0.00	19.43 0.40 0.00	20.43 0.23 -2.13	23.07 0.24 -3.93	24.55 0.19 -6.84	22.07 0.34 -1.79	20.44 0.33 -1.76	20.95 0.29 -4.53	20.70 0.29 -5.14	20.47 0.29 -4.03	20.08 0.29 -3.65	19.98 0.28 -3.96	20.23 0.29 -3.93	21.48 0.31 -5.02	24.79 0.27 -6.39	29.10 0.33 -7.87	33.84 0.32 -12.53	33.20 0.36 -9.00	26.56 0.35 -5.84	23.92 0.31 -3.93	21.93 0.18 -5.59
BETHLEHEM___GS3 323562	21.49 0.32 0.00	20.28 0.36 0.00	19.68 0.39 0.00	19.42 0.40 0.00	19.43 0.40 0.00	20.43 0.23 -2.13	23.07 0.24 -3.93	24.55 0.19 -6.84	22.07 0.34 -1.79	20.44 0.33 -1.76	20.95 0.29 -4.53	20.70 0.29 -5.14	20.47 0.29 -4.03	20.08 0.29 -3.65	19.98 0.28 -3.96	20.23 0.29 -3.93	21.48 0.31 -5.02	24.79 0.27 -6.39	29.10 0.33 -7.87	33.84 0.32 -12.53	33.20 0.36 -9.00	26.56 0.35 -5.84	23.92 0.31 -3.93	21.93 0.18 -5.59
BETHLEHEM___STEEL 23779	20.12 -1.06 0.00	19.01 -0.92 0.00	18.42 -0.87 0.00	18.16 -0.86 0.00	18.12 -0.91 0.00	17.23 -1.12 -0.28	18.35 -1.06 -0.52	17.28 -1.14 -0.90	18.56 -1.62 -0.24	17.24 -1.34 -0.23	15.50 -1.23 -0.60	14.91 -1.04 -0.67	15.43 -1.24 -0.53	15.36 -1.26 -0.48	15.05 -1.21 -0.52	15.31 -1.22 -0.52	15.65 -1.16 -0.66	17.58 -1.40 -0.84	20.20 -1.73 -1.04	20.94 -1.70 -1.65	21.64 -1.86 0.34	19.66 -1.49 -0.77	18.73 -1.46 -0.52	15.97 -0.92 -0.74
BETHLHEM_115KV_TB1 79974	21.51 0.34 0.00	20.28 0.36 0.00	19.68 0.39 0.00	19.44 0.42 0.00	19.49 0.46 0.00	20.47 0.29 -2.11	23.09 0.30 -3.90	24.54 0.25 -6.78	22.11 0.40 -1.77	20.48 0.39 -1.74	20.94 0.32 -4.49	20.65 0.29 -5.09	20.48 0.34 -4.00	20.08 0.32 -3.61	19.98 0.31 -3.92	20.25 0.34 -3.90	21.47 0.34 -4.97	24.81 0.34 -6.33	29.10 0.40 -7.80	33.78 0.38 -12.42	33.31 0.43 -9.04	26.55 0.39 -5.79	23.94 0.37 -3.90	21.93 0.23 -5.54
BETHPAGE_CC_5 323564	28.35 2.08 -5.10	26.63 1.91 -4.79	24.12 1.85 -2.97	23.20 1.88 -2.30	24.12 1.83 -3.26	25.05 1.59 -5.40	23.72 1.68 -3.14	28.97 1.63 -9.82	28.19 1.99 -6.25	27.54 1.91 -7.28	23.46 1.68 -5.66	22.60 1.70 -5.63	22.01 1.73 -4.14	22.09 1.73 -4.22	22.63 1.75 -5.14	23.35 1.71 -5.63	25.25 1.71 -7.38	30.63 1.90 -10.59	36.22 2.03 -13.30	36.76 2.02 -13.76	40.82 2.27 -14.71	35.93 1.85 -13.70	26.02 1.93 -4.42	25.58 1.50 -7.92
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	20.22 -0.95 0.00	19.09 -0.84 0.00	18.50 -0.79 0.00	18.24 -0.78 0.00	18.19 -0.84 0.00	17.20 -1.16 -0.29	18.32 -1.10 -0.53	17.28 -1.16 -0.92	18.55 -1.64 -0.24	17.21 -1.38 -0.24	15.49 -1.24 -0.61	14.91 -1.05 -0.69	15.42 -1.26 -0.54	15.36 -1.28 -0.49	15.03 -1.24 -0.53	15.31 -1.23 -0.53	15.64 -1.20 -0.67	17.56 -1.43 -0.86	20.20 -1.76 -1.06	20.95 -1.72 -1.69	21.76 -1.88 0.19	19.64 -1.53 -0.79	18.73 -1.48 -0.53	15.96 -0.95 -0.75
BINGHAMTON___COGEN 23790	21.41 0.23 0.00	20.12 0.20 0.00	19.50 0.21 0.00	19.25 0.23 0.00	19.24 0.21 0.00	18.57 0.00 -0.51	19.88 0.06 -0.94	19.17 0.02 -1.63	20.29 -0.08 -0.43	18.70 -0.07 -0.42	17.13 -0.08 -1.08	16.44 -0.06 -1.22	17.02 -0.08 -0.96	16.95 -0.06 -0.87	16.61 -0.08 -0.94	16.88 -0.06 -0.94	17.32 -0.03 -1.20	19.60 -0.05 -1.52	22.69 -0.08 -1.88	23.93 -0.04 -2.99	26.91 0.00 -3.07	21.77 0.00 -1.39	20.61 0.00 -0.94	17.53 0.03 -1.33
BIXINCNT_115KV_LOAD 355685	20.43 -0.74 0.00	19.29 -0.64 0.00	18.73 -0.56 0.00	18.45 -0.57 0.00	18.40 -0.63 0.00	17.27 -1.10 -0.30	18.43 -1.02 -0.56	17.44 -1.05 -0.98	18.74 -1.46 -0.26	17.37 -1.23 -0.25	15.66 -1.11 -0.65	15.04 -0.96 -0.73	15.57 -1.15 -0.57	15.48 -1.18 -0.52	15.17 -1.13 -0.56	15.43 -1.14 -0.56	15.79 -1.08 -0.71	17.76 -1.29 -0.91	20.41 -1.61 -1.12	21.20 -1.57 -1.79	22.71 -1.72 -0.58	19.82 -1.39 -0.83	18.86 -1.38 -0.56	16.07 -0.89 -0.80
BLACK RIVER___HYD 24047	20.84 -0.34 0.00	19.59 -0.34 0.00	18.93 -0.37 0.00	18.69 -0.32 0.00	18.69 -0.34 0.00	17.75 -0.41 -0.10	18.56 -0.51 -0.18	17.37 -0.46 -0.31	19.37 -0.66 -0.08	17.68 -0.75 -0.08	15.56 -0.77 -0.20	14.80 -0.70 -0.23	15.58 -0.74 -0.18	15.55 -0.76 -0.17	15.21 -0.71 -0.18	15.48 -0.70 -0.18	15.71 -0.68 -0.23	17.77 -0.65 -0.29	20.69 -0.56 -0.36	21.05 -0.50 -0.57	23.80 -0.45 -0.41	20.25 -0.39 -0.26	19.38 -0.47 -0.18	15.99 -0.42 -0.25

BLACKRVR_115KV_TB2 79977	20.86 -0.32 0.00	19.63 -0.30 0.00	18.95 -0.35 0.00	18.71 -0.30 0.00	18.69 -0.34 0.00	17.74 -0.42 -0.09	18.54 -0.51 -0.16	17.35 -0.46 -0.29	19.36 -0.66 -0.07	17.67 -0.75 -0.07	15.54 -0.77 -0.19	14.74 -0.75 -0.21	15.57 -0.74 -0.17	15.55 -0.74 -0.15	15.20 -0.71 -0.17	15.47 -0.70 -0.16	15.69 -0.68 -0.21	17.75 -0.65 -0.27	20.66 -0.56 -0.33	21.01 -0.50 -0.52	23.77 -0.45 -0.38	20.23 -0.39 -0.24	19.36 -0.47 -0.16	15.97 -0.42 -0.23
BLISS_WT_PWR 323608	20.52 -0.66 0.00	19.27 -0.66 0.00	18.71 -0.58 0.00	18.41 -0.61 0.00	18.38 -0.65 0.00	17.24 -1.12 -0.29	18.39 -1.04 -0.54	17.41 -1.05 -0.94	18.75 -1.44 -0.25	17.38 -1.21 -0.24	15.64 -1.11 -0.62	14.93 -1.05 -0.71	15.55 -1.15 -0.55	15.42 -1.23 -0.50	15.17 -1.12 -0.54	15.43 -1.12 -0.54	15.78 -1.07 -0.69	17.73 -1.29 -0.88	20.40 -1.59 -1.08	21.16 -1.55 -1.73	22.65 -1.72 -0.52	19.80 -1.39 -0.80	18.86 -1.36 -0.54	16.03 -0.90 -0.77
BLUE_CIRC_CHEM_DRP 24182	21.73 0.55 0.00	20.48 0.56 0.00	19.85 0.56 0.00	19.59 0.57 0.00	19.66 0.63 0.00	20.59 0.45 -2.07	23.20 0.49 -3.82	24.57 0.40 -6.65	22.22 0.54 -1.74	20.55 0.50 -1.71	20.93 0.40 -4.40	20.63 0.37 -4.99	20.47 0.40 -3.92	20.07 0.39 -3.54	19.96 0.38 -3.84	20.23 0.40 -3.82	21.47 0.44 -4.87	24.79 0.45 -6.20	29.09 0.54 -7.65	33.71 0.55 -12.17	33.36 0.64 -8.87	26.62 0.57 -5.67	24.04 0.55 -3.82	21.98 0.39 -5.43
BOC_GAS_DRP 24189	21.70 0.53 0.00	20.42 0.50 0.00	19.79 0.50 0.00	19.55 0.53 0.00	19.60 0.57 0.00	20.59 0.42 -2.11	23.22 0.43 -3.90	24.70 0.40 -6.78	22.23 0.52 -1.77	20.59 0.50 -1.74	21.05 0.44 -4.49	20.76 0.40 -5.09	20.59 0.45 -4.00	20.19 0.44 -3.61	20.09 0.43 -3.92	20.34 0.43 -3.90	21.57 0.44 -4.97	24.93 0.47 -6.33	29.24 0.54 -7.80	33.95 0.55 -12.41	33.50 0.62 -9.04	26.69 0.53 -5.79	24.08 0.51 -3.90	22.07 0.37 -5.54
BOONVILLE_115KV_TB1 79983	21.37 0.19 0.00	20.10 0.18 0.00	19.43 0.14 0.00	19.19 0.17 0.00	19.18 0.15 0.00	18.20 0.09 -0.05	19.03 0.06 -0.08	17.72 0.05 -0.15	19.98 0.00 -0.04	18.32 -0.07 -0.04	16.11 -0.11 -0.10	15.28 -0.11 -0.11	16.13 -0.10 -0.09	16.11 -0.11 -0.08	15.69 -0.14 -0.09	15.97 -0.13 -0.08	16.14 -0.13 -0.11	18.18 -0.09 -0.14	21.07 0.00 -0.17	21.26 0.00 -0.27	24.12 0.05 -0.22	20.54 0.04 -0.13	19.74 -0.02 -0.08	16.30 0.02 -0.12
BORALEX_4TH_BRANCH 23824	22.19 1.02 0.00	20.88 0.96 0.00	20.20 0.91 0.00	19.97 0.95 0.00	20.00 0.97 0.00	21.00 0.81 -2.13	23.66 0.85 -3.92	25.11 0.77 -6.82	22.68 0.96 -1.78	20.93 0.83 -1.75	21.37 0.73 -4.51	21.11 0.72 -5.12	20.87 0.71 -4.02	20.47 0.69 -3.63	20.38 0.69 -3.94	20.65 0.72 -3.92	21.89 0.73 -5.00	25.31 0.82 -6.36	29.71 0.96 -7.84	34.46 0.99 -12.49	33.95 1.14 -8.97	27.24 1.04 -5.82	24.56 0.96 -3.92	22.41 0.68 -5.57
BOWLINE___1 23526	22.51 1.33 0.00	21.16 1.24 0.00	20.49 1.20 0.00	20.25 1.24 0.00	20.21 1.18 0.00	20.55 1.01 -1.47	22.68 1.08 -2.71	23.30 1.07 -4.72	22.51 1.34 -1.23	20.86 1.30 -1.21	20.41 1.16 -3.12	19.93 1.11 -3.54	20.13 1.21 -2.78	19.87 1.21 -2.51	19.63 1.16 -2.73	19.88 1.15 -2.71	20.77 1.15 -3.46	23.86 1.32 -4.40	27.79 1.46 -5.42	31.09 1.47 -8.64	31.69 1.64 -6.20	25.73 1.32 -4.03	23.74 1.36 -2.71	21.06 1.05 -3.85
BOWLINE___2 23595	22.51 1.33 0.00	21.16 1.24 0.00	20.49 1.20 0.00	20.25 1.24 0.00	20.21 1.18 0.00	20.55 1.01 -1.47	22.68 1.08 -2.71	23.30 1.07 -4.72	22.51 1.34 -1.23	20.86 1.30 -1.21	20.41 1.16 -3.12	19.93 1.11 -3.54	20.14 1.21 -2.78	19.87 1.21 -2.51	19.63 1.16 -2.73	19.88 1.15 -2.71	20.77 1.15 -3.46	23.86 1.32 -4.40	27.79 1.46 -5.43	31.09 1.47 -8.64	31.69 1.64 -6.20	25.73 1.32 -4.03	23.74 1.36 -2.71	21.06 1.05 -3.85
BRADY___115KV_TB2 356060	20.94 -0.23 0.00	19.73 -0.20 0.00	19.08 -0.21 0.00	18.73 -0.29 0.00	18.72 -0.30 0.00	17.84 -0.23 -0.01	18.63 -0.28 -0.02	17.35 -0.21 -0.04	19.69 -0.26 -0.01	18.05 -0.31 -0.01	15.85 -0.31 -0.03	15.00 -0.31 -0.03	15.86 -0.31 -0.03	15.86 -0.31 -0.02	15.47 -0.30 -0.03	15.73 -0.30 -0.02	15.87 -0.32 -0.03	17.90 -0.27 -0.04	20.72 -0.23 -0.05	20.80 -0.27 -0.08	23.54 -0.36 -0.06	20.11 -0.31 -0.04	19.34 -0.35 -0.02	15.95 -0.24 -0.04
BRANSCOMB___SOLAR 323811	22.15 0.97 0.00	20.84 0.92 0.00	20.18 0.89 0.00	19.89 0.88 0.00	19.94 0.91 0.00	21.02 0.74 -2.21	23.78 0.81 -4.07	25.33 0.72 -7.09	22.61 0.82 -1.85	20.89 0.72 -1.82	21.42 0.60 -4.69	21.21 0.61 -5.32	20.89 0.56 -4.18	20.48 0.56 -3.78	20.38 0.54 -4.10	20.66 0.58 -4.08	21.99 0.63 -5.20	25.49 0.74 -6.62	29.91 0.86 -8.16	34.89 0.92 -12.98	34.31 1.14 -9.32	27.43 1.00 -6.05	24.69 0.94 -4.07	22.61 0.66 -5.79
BRENTWOD_69_KV_W. BRTWOOD 56703	28.42 2.14 -5.10	26.69 1.97 -4.79	24.19 1.93 -2.97	23.28 1.96 -2.30	24.25 1.96 -3.26	25.20 1.73 -5.40	23.87 1.85 -3.13	28.90 1.77 -9.61	28.13 2.15 -6.04	27.41 2.04 -7.03	23.58 1.79 -5.66	22.55 1.65 -5.63	22.10 1.82 -4.13	22.20 1.84 -4.22	22.77 1.89 -5.14	23.48 1.84 -5.63	25.35 1.81 -7.38	30.81 2.09 -10.59	36.43 2.24 -13.30	36.97 2.22 -13.75	41.19 2.48 -14.86	36.15 2.08 -13.70	26.26 2.16 -4.42	25.76 1.68 -7.92
BRISTLHL_115KV_TB1 79998	20.90 -0.28 0.00	19.69 -0.24 0.00	19.04 -0.25 0.00	18.79 -0.23 0.00	18.78 -0.25 0.00	17.76 -0.45 -0.15	18.71 -0.45 -0.27	17.52 -0.47 -0.47	19.43 -0.64 -0.12	17.87 -0.61 -0.12	15.88 -0.56 -0.31	15.10 -0.53 -0.36	15.86 -0.57 -0.28	15.83 -0.57 -0.25	15.47 -0.55 -0.27	15.74 -0.54 -0.27	15.99 -0.52 -0.35	17.98 -0.60 -0.44	20.78 -0.67 -0.55	21.23 -0.63 -0.87	23.81 -0.67 -0.63	20.23 -0.55 -0.40	19.41 -0.53 -0.27	16.11 -0.44 -0.39
BROOKHAVEN___DRP 24191	28.35 2.08 -5.10	26.71 1.99 -4.79	24.21 1.95 -2.97	23.31 2.00 -2.30	24.31 2.02 -3.26	25.25 1.79 -5.40	23.95 1.93 -3.13	28.99 1.86 -9.62	28.23 2.25 -6.04	27.51 2.13 -7.03	23.67 1.89 -5.66	22.63 1.73 -5.63	22.18 1.90 -4.13	22.27 1.90 -4.22	22.84 1.95 -5.14	23.48 1.84 -5.63	25.37 1.83 -7.38	30.77 2.05 -10.59	36.41 2.22 -13.30	36.88 2.14 -13.75	41.09 2.38 -14.86	36.11 2.04 -13.70	26.22 2.12 -4.42	25.81 1.73 -7.92
BROOKLYN_NAVY_YARD 23515	22.68 1.50 0.00	21.30 1.37 0.00	20.62 1.33 0.00	20.37 1.37 0.02	20.32 1.31 0.02	20.70 1.10 -1.54	22.91 1.19 -2.83	23.63 1.19 -4.92	22.77 1.54 -1.29	21.14 1.52 -1.26	20.74 1.35 -3.26	20.30 1.33 -3.70	20.47 1.42 -2.90	20.19 1.42 -2.62	19.98 1.39 -2.85	20.19 1.35 -2.83	21.13 1.36 -3.61	24.27 1.54 -4.60	28.24 1.67 -5.67	31.67 1.66 -9.02	32.16 1.84 -6.48	26.01 1.43 -4.20	24.04 1.54 -2.83	21.33 1.15 -4.02
BROOKLYN___ARMY_DRP 323595	22.92 1.74 -0.01	21.48 1.55 0.00	20.78 1.49 0.00	20.50 1.48 0.00	20.55 1.52 0.00	20.83 1.23 -1.54	22.97 1.25 -2.83	23.64 1.19 -4.93	22.77 1.54 -1.29	21.16 1.54 -1.26	20.79 1.40 -3.26	20.32 1.34 -3.70	20.53 1.49 -2.91	20.25 1.49 -2.63	20.06 1.46 -2.85	20.27 1.42 -2.83	21.16 1.39 -3.61	24.37 1.63 -4.60	28.39 1.82 -5.67	31.80 1.78 -9.03	32.43 1.96 -6.63	26.13 1.55 -4.21	24.16 1.65 -2.83	21.48 1.29 -4.03



BROOKVLE_69_KV_TB1 55790	28.16 1.88 -5.10	26.43 1.71 -4.79	23.92 1.66 -2.97	22.99 1.67 -2.30	23.98 1.69 -3.26	24.94 1.48 -5.40	23.55 1.55 -3.11	28.36 1.51 -9.34	27.55 1.85 -5.76	26.84 1.80 -6.69	23.38 1.60 -5.66	22.40 1.50 -5.63	21.94 1.66 -4.13	22.03 1.66 -4.22	22.54 1.65 -5.14	23.27 1.63 -5.63	25.16 1.62 -7.38	30.55 1.83 -10.59	36.14 1.94 -13.30	36.70 1.95 -13.75	40.88 2.17 -14.86	35.85 1.77 -13.70	25.92 1.83 -4.42	25.48 1.41 -7.92
BROOME_2_LFGE 323671	21.43 0.26 0.00	20.14 0.22 0.00	19.52 0.23 0.00	19.25 0.23 0.00	19.24 0.21 0.00	18.56 0.00 -0.49	19.86 0.06 -0.91	19.12 0.02 -1.58	20.28 -0.08 -0.41	18.69 -0.07 -0.41	17.10 -0.08 -1.05	16.37 -0.09 -1.19	17.00 -0.08 -0.93	16.91 -0.08 -0.84	16.58 -0.08 -0.92	16.86 -0.06 -0.91	17.29 -0.03 -1.16	19.56 -0.05 -1.48	22.64 -0.08 -1.82	23.85 -0.04 -2.90	26.83 0.00 -2.99	21.73 0.00 -1.35	20.58 0.00 -0.91	17.49 0.03 -1.29
BROOME__LFGE 323600	21.43 0.26 0.00	20.14 0.22 0.00	19.52 0.23 0.00	19.25 0.23 0.00	19.24 0.21 0.00	18.56 0.00 -0.49	19.86 0.06 -0.91	19.12 0.02 -1.58	20.28 -0.08 -0.41	18.69 -0.07 -0.41	17.10 -0.08 -1.05	16.37 -0.09 -1.19	17.00 -0.08 -0.93	16.91 -0.08 -0.84	16.58 -0.08 -0.92	16.86 -0.06 -0.91	17.29 -0.03 -1.16	19.56 -0.05 -1.48	22.64 -0.08 -1.82	23.85 -0.04 -2.90	26.83 0.00 -2.99	21.73 0.00 -1.35	20.58 0.00 -0.91	17.49 0.03 -1.29
BROWNFLS_115KV_TB_3_5 80003	20.43 -0.74 0.00	19.23 -0.70 0.00	18.60 -0.69 0.00	18.30 -0.72 0.00	18.29 -0.74 0.00	17.40 -0.70 -0.04	18.17 -0.79 -0.08	16.95 -0.70 -0.13	19.14 -0.84 -0.04	17.52 -0.86 -0.03	15.41 -0.81 -0.09	14.58 -0.79 -0.10	15.41 -0.81 -0.08	15.39 -0.82 -0.07	15.05 -0.77 -0.08	15.30 -0.78 -0.08	15.47 -0.79 -0.10	17.46 -0.80 -0.13	20.26 -0.79 -0.15	20.42 -0.82 -0.25	23.12 -0.91 -0.19	19.72 -0.77 -0.11	18.92 -0.83 -0.08	15.58 -0.69 -0.11
BROWNSV1_27_KV_LOAD 356125	22.83 1.65 0.00	21.42 1.49 0.00	20.74 1.45 0.00	20.46 1.45 0.00	20.51 1.48 0.00	20.87 1.26 -1.54	23.06 1.34 -2.83	23.77 1.33 -4.92	22.92 1.70 -1.29	21.29 1.67 -1.26	20.89 1.50 -3.26	20.41 1.44 -3.70	20.61 1.57 -2.90	20.35 1.58 -2.62	20.13 1.54 -2.85	20.33 1.49 -2.83	21.26 1.49 -3.61	24.42 1.69 -4.60	28.45 1.88 -5.67	31.88 1.87 -9.02	32.55 2.07 -6.63	26.21 1.63 -4.20	24.19 1.69 -2.83	21.48 1.29 -4.02
BURROWS__LYONSDAL 23803	21.24 0.06 0.00	19.98 0.06 0.00	19.31 0.02 0.00	19.08 0.06 0.00	19.07 0.04 0.00	18.10 -0.02 -0.05	18.92 -0.06 -0.09	17.62 -0.05 -0.16	19.86 -0.12 -0.04	18.19 -0.20 -0.04	16.00 -0.23 -0.10	15.16 -0.23 -0.12	16.03 -0.21 -0.09	16.00 -0.23 -0.08	15.58 -0.25 -0.09	15.86 -0.24 -0.09	16.03 -0.24 -0.11	18.08 -0.20 -0.15	20.95 -0.13 -0.18	21.15 -0.13 -0.29	24.01 -0.07 -0.23	20.45 -0.06 -0.13	19.63 -0.14 -0.09	16.21 -0.08 -0.13
CAITHNESS_CC_1 323624	28.41 2.14 -5.10	26.77 2.05 -4.79	24.27 2.01 -2.97	23.39 2.07 -2.30	24.29 2.00 -3.26	25.23 1.77 -5.40	23.95 1.91 -3.15	29.34 1.84 -9.98	28.58 2.23 -6.41	27.94 2.11 -7.48	23.64 1.85 -5.66	22.78 1.88 -5.63	22.15 1.87 -4.14	22.24 1.87 -4.22	22.82 1.94 -5.14	23.48 1.84 -5.63	25.38 1.84 -7.38	30.79 2.07 -10.59	36.41 2.21 -13.30	36.89 2.14 -13.76	40.94 2.38 -14.71	36.11 2.04 -13.70	26.24 2.14 -4.42	25.79 1.71 -7.92
CALPINE BETH_PAGE_GT4 24209	28.29 2.01 -5.10	26.55 1.83 -4.79	24.04 1.77 -2.97	23.10 1.79 -2.30	24.12 1.83 -3.26	25.05 1.59 -5.40	23.70 1.68 -3.13	28.70 1.63 -9.55	27.89 1.97 -5.97	27.19 1.89 -6.95	23.46 1.68 -5.66	22.46 1.56 -5.63	22.01 1.73 -4.13	22.11 1.74 -4.22	22.63 1.75 -5.14	23.35 1.71 -5.63	25.24 1.70 -7.38	30.55 1.83 -10.59	36.16 1.96 -13.30	36.70 1.95 -13.75	40.90 2.19 -14.86	35.87 1.79 -13.70	25.94 1.85 -4.42	25.56 1.49 -7.92
CALPINE_BETH_PAGE_GT_4 323586	28.33 2.05 -5.10	26.63 1.91 -4.79	24.12 1.85 -2.97	23.20 1.88 -2.30	24.12 1.83 -3.26	25.05 1.59 -5.40	23.71 1.68 -3.14	28.90 1.63 -9.75	28.09 1.97 -6.18	27.44 1.89 -7.20	23.46 1.68 -5.66	22.60 1.70 -5.63	22.01 1.73 -4.14	22.09 1.73 -4.22	22.63 1.75 -5.14	23.35 1.71 -5.63	25.25 1.71 -7.38	30.56 1.83 -10.59	36.16 1.96 -13.30	36.70 1.95 -13.76	40.75 2.19 -14.71	35.87 1.79 -13.70	25.94 1.85 -4.42	25.57 1.49 -7.92
CALPINE_BP_GT1 23823	28.33 2.05 -5.10	26.63 1.91 -4.79	24.12 1.85 -2.97	23.20 1.88 -2.30	24.12 1.83 -3.26	25.05 1.59 -5.40	23.71 1.68 -3.14	28.90 1.63 -9.75	28.09 1.97 -6.18	27.44 1.89 -7.20	23.46 1.68 -5.66	22.60 1.70 -5.63	22.01 1.73 -4.14	22.09 1.73 -4.22	22.63 1.75 -5.14	23.35 1.71 -5.63	25.25 1.71 -7.38	30.56 1.83 -10.59	36.16 1.96 -13.30	36.70 1.95 -13.76	40.75 2.19 -14.71	35.87 1.79 -13.70	25.94 1.85 -4.42	25.57 1.49 -7.92
CALSPAN__DRP 24200	20.12 -1.06 0.00	19.01 -0.92 0.00	18.42 -0.87 0.00	18.16 -0.86 0.00	18.12 -0.91 0.00	17.23 -1.12 -0.28	18.35 -1.06 -0.52	17.28 -1.14 -0.90	18.56 -1.62 -0.24	17.24 -1.34 -0.23	15.50 -1.23 -0.60	14.91 -1.04 -0.67	15.43 -1.24 -0.53	15.36 -1.26 -0.48	15.05 -1.21 -0.52	15.31 -1.22 -0.52	15.65 -1.16 -0.66	17.58 -1.40 -0.84	20.20 -1.73 -1.04	20.94 -1.70 -1.65	21.64 -1.86 0.34	19.66 -1.49 -0.77	18.73 -1.46 -0.52	15.97 -0.92 -0.74
CALVERTON__SOLAR 323806	28.46 2.18 -5.10	26.83 2.11 -4.79	24.33 2.07 -2.97	23.45 2.13 -2.30	24.37 2.07 -3.26	25.29 1.82 -5.40	24.03 1.98 -3.15	29.41 1.91 -9.98	28.66 2.31 -6.41	28.01 2.18 -7.48	23.71 1.92 -5.66	22.84 1.94 -5.63	22.22 1.94 -4.14	22.29 1.92 -4.22	22.87 1.98 -5.14	23.50 1.86 -5.63	25.42 1.87 -7.38	30.83 2.10 -10.59	36.45 2.26 -13.30	36.91 2.16 -13.76	40.97 2.41 -14.71	36.15 2.08 -13.70	26.26 2.16 -4.42	25.86 1.78 -7.92
CANDIGU_WT_PWR 323617	21.07 -0.11 0.00	19.79 -0.14 0.00	19.20 -0.10 0.00	18.90 -0.11 0.00	18.90 -0.13 0.00	18.06 -0.36 -0.35	19.26 -0.28 -0.65	18.30 -0.35 -1.13	19.62 -0.62 -0.30	18.13 -0.51 -0.29	16.37 -0.50 -0.75	15.63 -0.49 -0.85	16.31 -0.50 -0.66	16.19 -0.55 -0.60	15.89 -0.50 -0.65	16.18 -0.48 -0.65	16.55 -0.44 -0.83	18.62 -0.56 -1.05	21.49 -0.71 -1.30	22.40 -0.65 -2.07	27.01 -0.64 -3.81	20.83 -0.51 -0.96	19.83 -0.49 -0.65	16.81 -0.27 -0.92
CARR STREET_E__SYR 24060	21.03 -0.15 0.00	19.79 -0.14 0.00	19.16 -0.13 0.00	18.89 -0.13 0.00	18.92 -0.11 0.00	17.94 -0.29 -0.17	18.92 -0.28 -0.31	17.74 -0.31 -0.54	19.63 -0.46 -0.14	18.07 -0.42 -0.14	16.08 -0.40 -0.36	15.30 -0.38 -0.41	16.07 -0.39 -0.32	16.04 -0.39 -0.29	15.68 -0.38 -0.31	15.95 -0.37 -0.31	16.22 -0.34 -0.40	18.24 -0.40 -0.50	21.06 -0.46 -0.62	21.54 -0.44 -0.99	24.10 -0.45 -0.71	20.47 -0.37 -0.46	19.63 -0.35 -0.31	16.33 -0.27 -0.44
CARTHAGE__PAPER 23857	20.77 -0.40 0.00	19.53 -0.40 0.00	18.87 -0.42 0.00	18.62 -0.40 0.00	18.61 -0.42 0.00	17.70 -0.45 -0.09	18.52 -0.53 -0.16	17.32 -0.47 -0.27	19.36 -0.66 -0.07	17.69 -0.73 -0.07	15.57 -0.74 -0.18	14.79 -0.69 -0.21	15.58 -0.73 -0.16	15.55 -0.74 -0.15	15.19 -0.71 -0.16	15.46 -0.70 -0.16	15.67 -0.69 -0.20	17.72 -0.67 -0.26	20.63 -0.59 -0.32	20.95 -0.55 -0.50	23.68 -0.52 -0.36	20.14 -0.47 -0.23	19.28 -0.55 -0.16	15.90 -0.48 -0.22

CASSADAGA_WT_PWR 323784	20.60 -0.57 0.00	19.33 -0.60 0.00	18.77 -0.52 0.00	18.47 -0.55 0.00	18.46 -0.57 0.00	17.56 -0.79 -0.29	18.74 -0.68 -0.53	17.70 -0.74 -0.92	19.09 -1.10 -0.24	17.73 -0.86 -0.24	15.93 -0.81 -0.61	15.19 -0.78 -0.69	15.84 -0.84 -0.54	15.71 -0.92 -0.49	15.42 -0.85 -0.53	15.69 -0.85 -0.53	16.03 -0.81 -0.67	18.00 -1.00 -0.86	20.73 -1.23 -1.06	21.48 -1.20 -1.69	22.77 -1.33 -0.26	20.10 -1.06 -0.79	19.12 -1.08 -0.53	16.27 -0.65 -0.75
CE_DUNWOOD___DRP 24194	22.51 1.33 0.00	21.14 1.22 0.00	20.47 1.18 0.00	20.22 1.20 0.00	20.27 1.24 0.00	20.66 1.07 -1.53	22.82 1.11 -2.82	23.53 1.10 -4.90	22.62 1.40 -1.28	20.97 1.36 -1.26	20.58 1.21 -3.25	20.10 1.15 -3.68	20.29 1.26 -2.89	20.03 1.28 -2.61	19.81 1.23 -2.84	20.03 1.20 -2.82	20.95 1.20 -3.60	24.07 1.36 -4.58	28.09 1.55 -5.64	31.52 1.55 -8.98	32.19 1.74 -6.60	25.97 1.41 -4.19	23.93 1.44 -2.82	21.27 1.10 -4.01
CE_MILLWOOD___DRP 24193	22.49 1.31 0.00	21.12 1.20 0.00	20.45 1.16 0.00	20.20 1.18 0.00	20.25 1.22 0.00	20.62 1.03 -1.52	22.79 1.10 -2.80	23.48 1.09 -4.88	22.57 1.36 -1.27	20.94 1.34 -1.25	20.53 1.18 -3.23	20.05 1.12 -3.66	20.26 1.24 -2.87	19.98 1.24 -2.60	19.77 1.21 -2.82	20.00 1.18 -2.80	20.90 1.16 -3.57	24.02 1.34 -4.55	28.01 1.50 -5.61	31.43 1.51 -8.93	32.10 1.69 -6.56	25.90 1.37 -4.16	23.87 1.40 -2.80	21.21 1.07 -3.98
CE_NYC2_DRP 24202	22.78 1.61 0.00	21.36 1.43 0.00	20.68 1.39 0.00	20.41 1.39 0.00	20.44 1.41 0.00	20.76 1.16 -1.54	22.95 1.23 -2.83	23.64 1.19 -4.93	22.77 1.54 -1.29	21.16 1.54 -1.26	20.78 1.39 -3.26	20.30 1.33 -3.70	20.52 1.47 -2.91	20.24 1.47 -2.63	20.04 1.45 -2.85	20.24 1.39 -2.83	21.15 1.37 -3.61	24.31 1.58 -4.60	28.30 1.73 -5.67	31.72 1.70 -9.03	32.36 1.88 -6.63	26.07 1.49 -4.21	24.08 1.57 -2.83	21.40 1.21 -4.03
CE_NYC_DRP 24195	22.72 1.55 0.00	21.30 1.37 0.00	20.64 1.35 0.00	20.39 1.37 0.00	20.42 1.39 0.00	20.77 1.17 -1.54	22.97 1.25 -2.83	23.68 1.24 -4.92	22.80 1.58 -1.29	21.19 1.58 -1.26	20.79 1.40 -3.26	20.31 1.34 -3.70	20.52 1.47 -2.90	20.25 1.49 -2.62	20.04 1.45 -2.85	20.23 1.39 -2.83	21.14 1.37 -3.61	24.31 1.58 -4.60	28.28 1.71 -5.66	31.73 1.72 -9.02	32.38 1.91 -6.63	26.09 1.51 -4.20	24.10 1.59 -2.83	21.39 1.21 -4.02
CHAFFEE___LFGE 323603	20.27 -0.91 0.00	19.03 -0.90 0.00	18.46 -0.83 0.00	18.16 -0.86 0.00	18.15 -0.87 0.00	17.16 -1.19 -0.28	18.28 -1.13 -0.52	17.24 -1.19 -0.91	18.53 -1.65 -0.24	17.19 -1.40 -0.23	15.47 -1.26 -0.60	14.77 -1.19 -0.68	15.40 -1.28 -0.54	15.27 -1.36 -0.48	15.01 -1.26 -0.53	15.28 -1.25 -0.52	15.61 -1.21 -0.67	17.52 -1.47 -0.85	20.15 -1.80 -1.05	20.92 -1.74 -1.67	22.02 -1.91 -0.08	19.61 -1.55 -0.78	18.68 -1.51 -0.52	15.94 -0.97 -0.74
CHATEAUG_35_KV_LOAD 355732	21.41 0.23 0.00	20.10 0.18 0.00	19.43 0.14 0.00	18.94 -0.08 0.00	18.90 -0.13 0.00	18.00 -0.07 -0.01	18.83 -0.08 -0.02	17.60 0.05 -0.03	20.07 0.12 -0.01	18.45 0.09 -0.01	16.18 0.03 -0.02	15.28 -0.02 -0.02	16.13 -0.03 -0.02	16.06 -0.10 -0.01	15.70 -0.06 -0.02	15.91 -0.11 -0.02	16.07 -0.11 -0.02	18.12 -0.04 -0.03	20.97 0.04 -0.03	20.98 -0.06 -0.05	23.64 -0.24 -0.04	20.14 -0.26 -0.02	19.39 -0.30 -0.02	15.91 -0.27 -0.02
CHATEAUG_WT_PWR 323614	21.41 0.23 0.00	20.12 0.20 0.00	19.43 0.14 0.00	18.96 -0.06 0.00	18.92 -0.11 0.00	18.01 -0.05 0.00	18.81 -0.08 0.00	17.59 0.07 0.00	20.06 0.12 0.00	18.44 0.09 0.00	16.18 0.05 0.00	15.34 0.06 0.00	16.14 0.00 0.00	16.08 -0.06 0.00	15.70 -0.05 0.00	15.92 -0.10 0.00	16.06 -0.10 0.00	18.11 -0.02 0.00	20.96 0.06 0.00	20.93 -0.06 0.00	23.61 -0.24 0.00	20.11 -0.27 0.00	19.38 -0.29 0.00	15.89 -0.27 0.00
CHAT_HIGH_FALL_HYD 323578	21.41 0.23 0.00	20.10 0.18 0.00	19.43 0.14 0.00	18.94 -0.08 0.00	18.90 -0.13 0.00	17.99 -0.07 0.00	18.81 -0.08 0.00	17.57 0.05 0.00	20.06 0.12 0.00	18.44 0.09 0.00	16.16 0.03 0.00	15.31 0.03 0.00	16.11 -0.03 0.00	16.06 -0.08 0.00	15.68 -0.06 0.00	15.90 -0.11 0.00	16.05 -0.11 0.00	18.10 -0.04 0.00	20.94 0.04 0.00	20.93 -0.06 0.00	23.61 -0.24 0.00	20.11 -0.27 0.00	19.38 -0.29 0.00	15.89 -0.27 0.00
CHAUTAUQUA___LFGE 323629	20.39 -0.78 0.00	19.15 -0.78 0.00	18.58 -0.71 0.00	18.28 -0.74 0.00	18.29 -0.74 0.00	17.40 -0.94 -0.28	18.53 -0.87 -0.51	17.46 -0.95 -0.89	18.80 -1.38 -0.23	17.46 -1.12 -0.23	15.68 -1.03 -0.59	14.98 -0.96 -0.67	15.62 -1.05 -0.52	15.49 -1.13 -0.47	15.23 -1.02 -0.51	15.50 -1.03 -0.51	15.83 -0.99 -0.65	17.75 -1.21 -0.83	20.44 -1.48 -1.02	21.17 -1.45 -1.63	22.18 -1.60 0.06	19.85 -1.28 -0.76	18.93 -1.26 -0.51	16.10 -0.79 -0.73
CHERRYST_13_KV_LD 356241	22.76 1.59 0.00	21.36 1.43 0.00	20.68 1.39 0.00	20.43 1.41 0.00	20.46 1.43 0.00	20.83 1.23 -1.54	23.00 1.28 -2.83	23.74 1.30 -4.92	22.86 1.64 -1.29	21.23 1.61 -1.26	20.84 1.45 -3.26	20.36 1.39 -3.70	20.56 1.52 -2.90	20.30 1.53 -2.62	20.08 1.50 -2.85	20.28 1.44 -2.83	21.19 1.42 -3.61	24.36 1.63 -4.60	28.34 1.78 -5.66	31.77 1.76 -9.02	32.43 1.96 -6.63	26.13 1.55 -4.20	24.14 1.63 -2.83	21.43 1.24 -4.02
CHESTROR_138KV_BK263 355645	22.32 1.14 0.00	20.98 1.06 0.00	20.31 1.02 0.00	20.08 1.07 0.00	20.11 1.08 0.00	20.38 0.92 -1.40	22.45 0.98 -2.58	22.96 0.96 -4.48	22.31 1.20 -1.17	20.66 1.16 -1.15	20.11 1.02 -2.97	19.60 0.96 -3.36	19.85 1.07 -2.64	19.60 1.07 -2.39	19.37 1.04 -2.59	19.61 1.02 -2.58	20.48 1.03 -3.29	23.50 1.18 -4.18	27.35 1.30 -5.16	30.52 1.32 -8.21	31.40 1.50 -6.05	25.43 1.22 -3.83	23.49 1.24 -2.58	20.76 0.94 -3.66
CH_MIDHUDSON___DRP 24192	22.49 1.31 0.00	21.14 1.22 0.00	20.47 1.18 0.00	20.24 1.22 0.00	20.28 1.26 0.00	20.77 1.08 -1.62	23.02 1.15 -2.98	23.83 1.12 -5.19	22.67 1.38 -1.36	21.00 1.32 -1.33	20.72 1.16 -3.43	20.25 1.08 -3.89	20.41 1.21 -3.06	20.12 1.21 -2.76	19.91 1.16 -3.00	20.15 1.15 -2.98	21.13 1.16 -3.80	24.32 1.34 -4.84	28.33 1.46 -5.97	31.98 1.49 -9.50	32.51 1.69 -6.97	26.17 1.37 -4.43	24.03 1.38 -2.98	21.45 1.05 -4.24
CH_MISC_IPPS 23765	22.64 1.46 0.00	21.38 1.45 0.00	20.62 1.33 0.00	20.43 1.41 0.00	20.40 1.37 0.00	20.79 1.19 -1.53	22.98 1.27 -2.82	23.65 1.23 -4.91	22.72 1.50 -1.28	21.04 1.43 -1.26	20.62 1.24 -3.25	20.15 1.19 -3.69	20.33 1.29 -2.90	20.03 1.27 -2.62	19.82 1.24 -2.84	20.07 1.23 -2.82	21.02 1.26 -3.60	24.18 1.47 -4.58	28.16 1.61 -5.65	31.62 1.64 -8.99	32.18 1.88 -6.46	26.08 1.51 -4.19	23.99 1.49 -2.82	21.34 1.16 -4.01
CH_RES_BVR_FALLS 23983	20.96 -0.21 0.00	19.74 -0.18 0.00	19.12 -0.17 0.00	18.83 -0.19 0.00	18.82 -0.21 0.00	17.87 -0.20 0.00	18.66 -0.23 0.00	17.32 -0.19 0.00	19.72 -0.22 0.00	18.13 -0.22 0.00	15.93 -0.19 0.00	15.09 -0.18 0.00	15.93 -0.21 0.00	15.93 -0.21 0.00	15.55 -0.19 0.00	15.82 -0.19 0.00	15.95 -0.21 0.00	17.92 -0.22 0.00	20.65 -0.25 0.00	20.72 -0.27 0.00	23.49 -0.36 0.00	20.05 -0.33 0.00	19.34 -0.33 0.00	15.89 -0.27 0.00

CH_RES_NIAGARA 23895	19.33 -1.84 0.00	18.15 -1.77 0.00	17.61 -1.68 0.00	17.33 -1.69 0.00	17.33 -1.69 0.00	16.73 -1.59 -0.25	17.81 -1.55 -0.47	16.71 -1.63 -0.82	17.96 -2.19 -0.21	16.71 -1.85 -0.21	15.01 -1.66 -0.54	14.29 -1.57 -0.59	14.92 -1.68 -0.46	14.81 -1.74 -0.41	14.55 -1.64 -0.45	14.82 -1.63 -0.45	15.13 -1.60 -0.57	16.94 -1.96 -0.76	19.50 -2.34 -0.94	20.16 -2.33 -1.50	20.69 -2.60 0.55	19.00 -2.08 -0.70	18.16 -1.99 -0.47	15.49 -1.34 -0.67
CH_RES_SYRACUSE 23985	21.18 0.00 0.00	19.92 0.00 0.00	19.29 0.00 0.00	19.02 0.00 0.00	19.05 0.02 0.00	18.09 -0.16 -0.18	19.08 -0.15 -0.34	17.91 -0.19 -0.59	19.78 -0.32 -0.15	18.19 -0.31 -0.15	16.21 -0.31 -0.39	15.41 -0.31 -0.44	16.20 -0.29 -0.35	16.17 -0.29 -0.31	15.80 -0.28 -0.34	16.08 -0.27 -0.34	16.35 -0.24 -0.43	18.39 -0.29 -0.55	21.24 -0.34 -0.68	21.76 -0.31 -1.08	25.44 -0.29 -1.88	20.64 -0.24 -0.50	19.78 -0.24 -0.34	16.47 -0.18 -0.48
CLINTON_WT_PWR 323605	21.41 0.23 0.00	20.12 0.20 0.00	19.43 0.14 0.00	18.96 -0.06 0.00	18.92 -0.11 0.00	18.01 -0.05 0.00	18.81 -0.08 0.00	17.59 0.07 0.00	20.06 0.12 0.00	18.44 0.09 0.00	16.18 0.05 0.00	15.34 0.06 0.00	16.14 0.00 0.00	16.08 -0.06 0.00	15.70 -0.05 0.00	15.92 -0.10 0.00	16.06 -0.10 0.00	18.11 -0.02 0.00	20.96 0.06 0.00	20.93 -0.06 0.00	23.61 -0.24 0.00	20.11 -0.27 0.00	19.38 -0.29 0.00	15.89 -0.27 0.00
CLINTON___LFGE 323618	21.66 0.49 0.00	20.34 0.42 0.00	19.66 0.37 0.00	19.13 0.11 0.00	19.09 0.06 0.00	18.19 0.13 0.00	19.02 0.13 0.00	17.80 0.28 0.00	20.28 0.34 0.00	18.66 0.31 0.00	16.34 0.21 0.00	15.49 0.21 0.00	16.30 0.16 0.00	16.24 0.10 0.00	15.84 0.10 0.00	16.07 0.06 0.00	16.23 0.06 0.00	18.33 0.20 0.00	21.21 0.31 0.00	21.18 0.19 0.00	23.92 0.07 0.00	20.36 -0.02 0.00	19.59 -0.08 0.00	16.06 -0.10 0.00
COBBLENY_34_KV_TB1 80064	20.16 -1.02 0.00	19.05 -0.88 0.00	18.46 -0.83 0.00	18.20 -0.82 0.00	18.15 -0.88 0.00	17.17 -1.19 -0.29	18.30 -1.13 -0.54	17.27 -1.19 -0.94	18.53 -1.39 -0.25	17.20 -1.26 -0.24	15.49 -1.08 -0.62	14.89 -1.08 -0.70	15.42 -1.28 -0.55	15.33 -1.31 -0.50	15.02 -1.26 -0.54	15.30 -1.25 -0.54	15.64 -1.21 -0.69	17.56 -1.45 -0.88	20.18 -1.80 -1.08	20.97 -1.74 -1.72	22.03 -1.91 -0.09	19.63 -1.55 -0.80	18.70 -1.51 -0.54	15.96 -0.97 -0.77
COFFEEN___115KV_TB3 355620	20.96 -0.21 0.00	19.73 -0.20 0.00	19.04 -0.25 0.00	18.81 -0.21 0.00	18.78 -0.25 0.00	17.83 -0.33 -0.09	18.64 -0.42 -0.17	17.44 -0.37 -0.29	19.42 -0.60 -0.08	17.71 -0.72 -0.07	15.58 -0.74 -0.19	14.76 -0.73 -0.22	15.61 -0.71 -0.17	15.59 -0.71 -0.16	15.22 -0.67 -0.17	15.51 -0.67 -0.21	15.73 -0.65 -0.21	17.81 -0.60 -0.27	20.76 -0.48 -0.34	21.11 -0.42 -0.54	23.90 -0.33 -0.39	20.34 -0.29 -0.25	19.45 -0.39 -0.17	16.06 -0.34 -0.24
COLDSPRG_115KV_BK1 355956	20.77 -0.40 0.00	19.63 -0.30 0.00	19.04 -0.25 0.00	18.77 -0.25 0.00	18.72 -0.30 0.00	17.67 -0.70 -0.31	18.90 -0.57 -0.57	17.90 -0.61 -1.00	19.25 -0.96 -0.26	17.84 -0.77 -0.26	16.06 -0.73 -0.66	15.44 -0.58 -0.75	15.97 -0.76 -0.59	15.88 -0.79 -0.53	15.55 -0.77 -0.58	15.81 -0.77 -0.57	16.16 -0.73 -0.73	18.19 -0.87 -0.93	20.94 -1.11 -1.15	21.79 -1.03 -1.83	23.67 -1.12 -0.94	20.33 -0.90 -0.85	19.32 -0.92 -0.57	16.43 -0.55 -0.81
COLONIE_LFGE___ 323577	21.98 0.80 0.00	20.70 0.78 0.00	20.04 0.75 0.00	19.78 0.76 0.00	19.81 0.78 0.00	20.87 0.63 -2.17	23.55 0.66 -4.00	25.08 0.60 -6.97	22.50 0.74 -1.82	20.80 0.66 -1.79	21.30 0.56 -4.61	21.07 0.57 -5.23	20.82 0.56 -4.11	20.40 0.55 -3.71	20.31 0.54 -4.03	20.58 0.56 -4.01	21.85 0.58 -5.11	25.29 0.65 -6.50	29.69 0.77 -8.02	34.52 0.78 -12.76	33.91 0.91 -9.16	27.14 0.82 -5.95	24.44 0.77 -4.00	22.38 0.53 -5.69
COOPERNY_115KV_TB1 80082	22.09 0.91 0.00	20.76 0.84 0.00	20.10 0.81 0.00	19.86 0.84 0.00	19.88 0.86 0.00	19.81 0.72 -1.02	21.53 0.76 -1.89	21.55 0.75 -3.28	21.72 0.92 -0.86	20.07 0.88 -0.84	19.07 0.77 -2.17	18.47 0.73 -2.46	18.89 0.81 -1.94	18.71 0.82 -1.75	18.43 0.79 -1.90	18.68 0.78 -1.89	19.36 0.79 -2.41	22.10 0.91 -3.06	25.68 1.00 -3.78	28.01 1.01 -6.01	29.47 1.14 -4.48	24.12 0.94 -2.80	22.50 0.94 -1.89	19.57 0.73 -2.68
COPENHAGEN_WT_PWR 323753	20.84 -0.34 0.00	19.59 -0.34 0.00	18.93 -0.37 0.00	18.69 -0.32 0.00	18.69 -0.34 0.00	17.73 -0.43 -0.10	18.57 -0.51 -0.19	17.37 -0.47 -0.33	19.35 -0.68 -0.09	17.68 -0.75 -0.08	15.59 -0.76 -0.22	14.83 -0.69 -0.25	15.61 -0.73 -0.19	15.57 -0.74 -0.17	15.24 -0.69 -0.19	15.51 -0.69 -0.19	15.72 -0.68 -0.24	17.79 -0.65 -0.31	20.69 -0.59 -0.38	21.06 -0.52 -0.60	23.80 -0.48 -0.43	20.25 -0.41 -0.28	19.39 -0.47 -0.19	16.01 -0.42 -0.27
CORNELL___ 23752	21.73 0.55 0.00	20.44 0.52 0.00	19.79 0.50 0.00	19.53 0.51 0.00	19.52 0.49 0.00	18.75 0.31 -0.37	19.94 0.36 -0.69	19.02 0.30 -1.20	20.48 0.22 -0.31	18.81 0.15 -0.31	16.99 0.06 -0.79	16.24 0.06 -0.90	16.90 0.05 -0.71	16.83 0.05 -0.64	16.47 0.03 -0.69	16.78 0.08 -0.69	17.15 0.11 -0.88	19.40 0.15 -1.12	22.49 0.21 -1.38	23.46 0.27 -2.20	27.51 0.38 -3.29	21.73 0.33 -1.02	20.66 0.30 -0.69	17.42 0.27 -0.98
CORONA_AAV_69_KV_TB1 355595	28.25 1.97 -5.10	26.51 1.79 -4.79	24.02 1.76 -2.97	23.07 1.75 -2.30	24.08 1.79 -3.26	25.01 1.55 -5.40	23.61 1.64 -3.08	27.84 1.59 -8.73	27.02 1.93 -5.14	26.15 1.85 -5.94	23.41 1.63 -5.66	22.43 1.53 -5.63	21.97 1.70 -4.13	22.06 1.70 -4.22	22.55 1.67 -5.14	23.27 1.63 -5.63	25.16 1.62 -7.38	30.57 1.85 -10.59	36.18 1.99 -13.30	36.74 1.99 -13.75	40.95 2.24 -14.86	35.89 1.81 -13.70	25.96 1.87 -4.42	25.53 1.45 -7.92
CORTLAND_115KV_TB3 80093	21.51 0.34 0.00	20.24 0.32 0.00	19.60 0.31 0.00	19.34 0.32 0.00	19.33 0.30 0.00	18.50 0.13 -0.31	19.61 0.15 -0.57	18.61 0.11 -0.98	20.22 0.02 -0.26	18.60 0.00 -0.25	16.73 -0.05 -0.65	15.98 -0.03 -0.74	16.69 -0.03 -0.58	16.62 -0.05 -0.52	16.25 -0.06 -0.57	16.54 -0.03 -0.57	16.87 -0.02 -0.72	19.05 0.00 -0.92	22.03 0.00 -1.13	22.83 0.04 -1.80	25.85 0.12 -1.89	21.32 0.10 -0.84	20.32 0.08 -0.57	17.05 0.08 -0.80
COXSACKIE___GT 23611	21.98 0.80 0.00	20.98 1.06 0.00	20.20 0.91 0.00	20.03 1.01 0.00	20.07 1.05 0.00	20.84 0.81 -1.96	23.43 0.93 -3.61	24.63 0.82 -6.29	22.52 0.94 -1.64	20.77 0.81 -1.61	20.90 0.61 -4.16	20.60 0.61 -4.72	20.40 0.55 -3.71	19.99 0.50 -3.35	19.91 0.54 -3.63	20.23 0.61 -3.61	21.50 0.73 -4.61	24.89 0.89 -5.87	29.16 1.02 -7.23	33.61 1.11 -11.51	33.49 1.38 -8.27	26.90 1.16 -5.37	24.33 1.04 -3.61	22.01 0.71 -5.13
CPV_VALLEY___CC1 323721	22.32 1.14 0.00	20.98 1.06 0.00	20.31 1.02 0.00	20.08 1.06 0.00	20.04 1.01 0.00	20.20 0.87 -1.27	22.13 0.91 -2.34	22.48 0.89 -4.07	22.12 1.12 -1.06	20.48 1.08 -1.04	19.77 0.95 -2.69	19.26 0.93 -3.05	19.54 1.00 -2.40	19.31 1.00 -2.17	19.05 0.96 -2.35	19.29 0.94 -2.34	20.09 0.95 -2.98	23.03 1.11 -3.79	26.79 1.21 -4.68	29.65 1.22 -7.45	30.57 1.38 -5.35	24.97 1.12 -3.47	23.13 1.12 -2.34	20.35 0.87 -3.32

CPV_VALLEY___CC2 323722	22.32 1.14 0.00	20.98 1.06 0.00	20.31 1.02 0.00	20.08 1.06 0.00	20.04 1.01 0.00	20.20 0.87 -1.27	22.13 0.91 -2.34	22.48 0.89 -4.07	22.12 1.12 -1.06	20.48 1.08 -1.04	19.77 0.95 -2.69	19.26 0.93 -3.05	19.54 1.00 -2.40	19.31 1.00 -2.17	19.05 0.96 -2.35	19.29 0.94 -2.34	20.09 0.95 -2.98	23.03 1.11 -3.79	26.79 1.21 -4.68	29.65 1.22 -7.45	30.57 1.38 -5.35	24.97 1.12 -3.47	23.13 1.12 -2.34	20.35 0.87 -3.32
CRESCENT___HYD 24018	21.98 0.80 0.00	20.70 0.78 0.00	20.04 0.75 0.00	19.78 0.76 0.00	19.81 0.78 0.00	20.87 0.63 -2.17	23.55 0.66 -4.00	25.08 0.60 -6.97	22.50 0.74 -1.82	20.80 0.66 -1.79	21.30 0.56 -4.61	21.07 0.57 -5.23	20.82 0.56 -4.11	20.40 0.55 -3.71	20.31 0.54 -4.03	20.58 0.56 -4.01	21.85 0.58 -5.11	25.29 0.65 -6.50	29.69 0.77 -8.02	34.52 0.78 -12.76	33.91 0.91 -9.16	27.14 0.82 -5.95	24.44 0.77 -4.00	22.38 0.53 -5.69
CRICKET___VALLEY_CC1 323756	22.25 1.08 0.00	20.96 1.04 0.00	20.28 0.98 0.00	20.06 1.05 0.00	20.04 1.01 0.00	20.57 0.85 -1.66	22.81 0.87 -3.05	23.67 0.84 -5.31	22.41 1.08 -1.39	20.72 1.01 -1.36	20.56 0.92 -3.51	20.16 0.90 -3.98	20.23 0.95 -3.13	19.92 0.95 -2.83	19.76 0.94 -3.07	19.99 0.93 -3.05	20.96 0.90 -3.89	24.09 1.00 -4.96	28.11 1.11 -6.11	31.82 1.11 -9.72	32.06 1.24 -6.98	25.97 1.06 -4.53	23.77 1.04 -3.05	21.27 0.78 -4.34
CRICKET___VALLEY_CC2 323757	22.25 1.08 0.00	20.96 1.04 0.00	20.28 0.98 0.00	20.06 1.05 0.00	20.04 1.01 0.00	20.57 0.85 -1.66	22.81 0.87 -3.05	23.67 0.84 -5.31	22.41 1.08 -1.39	20.72 1.01 -1.36	20.56 0.92 -3.51	20.16 0.90 -3.98	20.23 0.95 -3.13	19.92 0.95 -2.83	19.76 0.94 -3.07	19.99 0.93 -3.05	20.96 0.90 -3.89	24.09 1.00 -4.96	28.11 1.11 -6.11	31.82 1.11 -9.72	32.06 1.24 -6.98	25.97 1.06 -4.53	23.77 1.04 -3.05	21.27 0.78 -4.34
CRICKET___VALLEY_CC3 323758	22.25 1.08 0.00	20.96 1.04 0.00	20.28 0.98 0.00	20.06 1.05 0.00	20.04 1.01 0.00	20.57 0.85 -1.66	22.81 0.87 -3.05	23.67 0.84 -5.31	22.41 1.08 -1.39	20.72 1.01 -1.36	20.56 0.92 -3.51	20.16 0.90 -3.98	20.23 0.95 -3.13	19.92 0.95 -2.83	19.76 0.94 -3.07	19.99 0.93 -3.05	20.96 0.90 -3.89	24.09 1.00 -4.96	28.11 1.11 -6.11	31.82 1.11 -9.72	32.06 1.24 -6.98	25.97 1.06 -4.53	23.77 1.04 -3.05	21.27 0.78 -4.34
CRUCIBLE_METL_DRP 24180	21.22 0.04 0.00	19.96 0.04 0.00	19.33 0.04 0.00	19.06 0.04 0.00	19.05 0.02 0.00	18.09 -0.16 -0.18	19.08 -0.15 -0.34	17.91 -0.19 -0.59	19.78 -0.32 -0.15	18.19 -0.31 -0.15	16.21 -0.31 -0.39	15.44 -0.27 -0.44	16.20 -0.29 -0.35	16.18 -0.27 -0.31	15.80 -0.28 -0.34	16.08 -0.27 -0.34	16.35 -0.29 -0.43	18.39 -0.29 -0.55	21.24 -0.33 -0.67	21.75 -0.31 -1.07	25.03 -0.29 -1.47	20.63 -0.24 -0.50	19.77 -0.24 -0.34	16.46 -0.18 -0.48
DAHOWA___HYDRO 323763	22.15 0.97 0.00	20.84 0.92 0.00	20.18 0.89 0.00	19.89 0.88 0.00	19.94 0.91 0.00	21.02 0.74 -2.22	23.81 0.83 -4.09	25.35 0.72 -7.11	22.64 0.84 -1.86	20.91 0.73 -1.82	21.45 0.61 -4.71	21.22 0.61 -5.34	20.89 0.55 -4.19	20.48 0.55 -3.79	20.39 0.54 -4.11	20.67 0.58 -4.09	22.01 0.63 -5.21	25.51 0.74 -6.64	29.96 0.88 -8.18	34.96 0.95 -13.02	34.36 1.17 -9.35	27.47 1.02 -6.07	24.70 0.94 -4.09	22.65 0.68 -5.81
DANC___LFGE 323619	20.84 -0.34 0.00	19.60 -0.32 0.00	18.95 -0.35 0.00	18.69 -0.32 0.00	18.70 -0.32 0.00	17.74 -0.45 -0.12	18.58 -0.53 -0.22	17.41 -0.49 -0.39	19.34 -0.70 -0.10	17.72 -0.73 -0.10	15.67 -0.71 -0.26	14.92 -0.64 -0.29	15.69 -0.68 -0.23	15.66 -0.69 -0.21	15.32 -0.65 -0.22	15.58 -0.66 -0.22	15.80 -0.65 -0.28	17.82 -0.67 -0.36	20.70 -0.65 -0.45	21.11 -0.59 -0.71	23.83 -0.52 -0.51	20.26 -0.45 -0.33	19.40 -0.49 -0.22	16.06 -0.42 -0.32
DANSKAMMER___1 23586	22.64 1.46 0.00	21.38 1.45 0.00	20.62 1.33 0.00	20.43 1.41 0.00	20.40 1.37 0.00	20.79 1.19 -1.53	22.98 1.27 -2.82	23.65 1.23 -4.91	22.72 1.50 -1.28	21.04 1.43 -1.26	20.62 1.24 -3.25	20.15 1.19 -3.69	20.33 1.29 -2.90	20.03 1.27 -2.62	19.82 1.24 -2.84	20.07 1.23 -2.82	21.02 1.26 -3.60	24.18 1.47 -4.58	28.16 1.61 -5.65	31.62 1.64 -8.99	32.18 1.88 -6.46	26.08 1.51 -4.19	23.99 1.49 -2.82	21.34 1.16 -4.01
DANSKAMMER___2 23589	22.64 1.46 0.00	21.38 1.45 0.00	20.62 1.33 0.00	20.43 1.41 0.00	20.40 1.37 0.00	20.79 1.19 -1.53	22.98 1.27 -2.82	23.65 1.23 -4.91	22.72 1.50 -1.28	21.04 1.43 -1.26	20.62 1.24 -3.25	20.15 1.19 -3.69	20.33 1.29 -2.90	20.03 1.27 -2.62	19.82 1.24 -2.84	20.07 1.23 -2.82	21.02 1.26 -3.60	24.18 1.47 -4.58	28.16 1.61 -5.65	31.62 1.64 -8.99	32.18 1.88 -6.46	26.08 1.51 -4.19	23.99 1.49 -2.82	21.34 1.16 -4.01
DANSKAMMER___3 23590	22.64 1.46 0.00	21.38 1.45 0.00	20.62 1.33 0.00	20.43 1.41 0.00	20.40 1.37 0.00	20.79 1.19 -1.53	22.98 1.27 -2.82	23.65 1.23 -4.91	22.72 1.50 -1.28	21.04 1.43 -1.26	20.62 1.24 -3.25	20.15 1.19 -3.69	20.33 1.29 -2.90	20.03 1.27 -2.62	19.82 1.24 -2.84	20.07 1.23 -2.82	21.02 1.26 -3.60	24.18 1.47 -4.58	28.16 1.61 -5.65	31.62 1.64 -8.99	32.18 1.88 -6.46	26.08 1.51 -4.19	23.99 1.49 -2.82	21.34 1.16 -4.01
DANSKAMMER___4 23591	22.64 1.46 0.00	21.38 1.45 0.00	20.62 1.33 0.00	20.43 1.41 0.00	20.40 1.37 0.00	20.79 1.19 -1.53	22.98 1.27 -2.82	23.65 1.23 -4.91	22.72 1.50 -1.28	21.04 1.43 -1.26	20.62 1.24 -3.25	20.15 1.19 -3.69	20.33 1.29 -2.90	20.03 1.27 -2.62	19.82 1.24 -2.84	20.07 1.23 -2.82	21.02 1.26 -3.60	24.18 1.47 -4.58	28.16 1.61 -5.65	31.62 1.64 -8.99	32.18 1.88 -6.46	26.08 1.51 -4.19	23.99 1.49 -2.82	21.34 1.16 -4.01
DANSKAMMER___DIESEL 23592	22.57 1.40 0.00	21.26 1.33 0.00	20.57 1.27 0.00	20.35 1.33 0.00	20.40 1.37 0.00	20.80 1.19 -1.55	23.01 1.27 -2.85	23.70 1.23 -4.96	22.73 1.50 -1.30	21.06 1.43 -1.27	20.65 1.24 -3.28	20.16 1.16 -3.72	20.36 1.29 -2.92	20.06 1.28 -2.64	19.85 1.24 -2.87	20.09 1.23 -2.85	21.04 1.24 -3.64	24.23 1.47 -4.63	28.21 1.61 -5.70	31.71 1.64 -9.08	32.40 1.88 -6.67	26.12 1.51 -4.23	24.02 1.50 -2.85	21.37 1.16 -4.05
DARBY___SOLAR 323810	22.13 0.95 0.00	20.80 0.88 0.00	20.14 0.85 0.00	19.87 0.86 0.00	19.96 0.93 0.00	21.02 0.76 -2.20	23.78 0.83 -4.05	25.31 0.74 -7.06	22.64 0.86 -1.85	20.93 0.77 -1.81	21.44 0.65 -4.67	21.15 0.58 -5.29	20.90 0.60 -4.16	20.50 0.60 -3.76	20.39 0.57 -4.08	20.69 0.62 -4.06	22.00 0.66 -5.17	25.50 0.78 -6.58	29.94 0.92 -8.12	34.87 0.97 -12.92	34.41 1.17 -9.40	27.42 1.02 -6.02	24.69 0.96 -4.05	22.60 0.68 -5.76
DASHVILLE___HYD 23610	22.83 1.65 0.00	21.56 1.63 0.00	20.82 1.52 0.00	20.63 1.62 0.00	20.68 1.66 0.00	21.12 1.45 -1.61	23.42 1.57 -2.96	24.21 1.54 -5.15	23.12 1.83 -1.35	21.42 1.74 -1.32	21.05 1.52 -3.41	20.55 1.41 -3.87	20.76 1.58 -3.04	20.44 1.55 -2.74	20.14 1.42 -2.98	20.37 1.39 -2.96	21.38 1.44 -3.78	24.70 1.76 -4.81	28.75 1.92 -5.93	32.42 1.99 -9.43	33.06 2.29 -6.92	26.57 1.79 -4.40	24.38 1.75 -2.96	21.82 1.45 -4.21

DEERFIELD_69_KV_DEERFIELD LD 355887	28.69 2.41 -5.10	27.05 2.33 -4.79	24.54 2.28 -2.97	23.64 2.32 -2.30	24.63 2.34 -3.26	25.56 2.10 -5.40	24.27 2.25 -3.13	29.29 2.15 -9.62	28.59 2.61 -6.04	27.84 2.46 -7.03	23.95 2.16 -5.66	22.87 1.97 -5.63	22.42 2.15 -4.13	22.50 2.13 -4.22	23.12 2.24 -5.14	23.77 2.13 -5.63	25.69 2.15 -7.38	31.15 2.43 -10.59	36.87 2.68 -13.30	37.30 2.56 -13.75	41.57 2.86 -14.86	36.54 2.47 -13.70	26.63 2.54 -4.42	26.11 2.04 -7.92
DELAWARE___LFGE 323621	21.83 0.66 0.00	20.54 0.62 0.00	19.89 0.60 0.00	19.63 0.61 0.00	19.64 0.61 0.00	19.27 0.49 -0.71	20.72 0.51 -1.32	20.30 0.49 -2.29	21.08 0.54 -0.60	19.44 0.50 -0.59	18.06 0.42 -1.52	17.39 0.40 -1.72	17.95 0.45 -1.35	17.82 0.45 -1.22	17.51 0.44 -1.32	17.78 0.45 -1.32	18.29 0.45 -1.68	20.80 0.53 -2.14	24.14 0.61 -2.64	25.82 0.63 -4.20	28.05 0.74 -3.47	22.94 0.61 -1.96	21.56 0.57 -1.32	18.50 0.47 -1.87
DERFIELD_115KV_TB7 355931	21.22 0.04 0.00	19.96 0.04 0.00	19.33 0.04 0.00	19.08 0.06 0.00	19.09 0.06 0.00	18.07 0.00 -0.01	18.90 0.00 -0.01	17.54 0.00 -0.02	19.93 -0.02 -0.01	18.34 -0.02 -0.01	16.13 -0.02 -0.02	15.28 -0.02 -0.02	16.14 -0.02 -0.01	16.14 -0.02 -0.01	15.74 -0.02 -0.01	16.01 -0.02 -0.01	16.18 0.00 -0.02	18.16 0.00 -0.02	20.93 0.00 -0.03	21.03 0.00 -0.05	23.88 0.00 -0.03	20.40 0.00 -0.02	19.69 0.00 -0.01	16.18 0.00 -0.02
DOGLEVILLE___HYD 23807	21.68 0.51 0.00	20.40 0.48 0.00	19.75 0.46 0.00	19.47 0.46 0.00	19.47 0.44 0.00	18.45 0.38 0.00	19.27 0.38 0.00	17.87 0.35 0.00	20.32 0.38 0.00	18.68 0.33 0.00	16.40 0.27 0.00	15.47 0.20 0.00	16.40 0.26 0.00	16.39 0.24 0.00	15.93 0.19 0.00	16.20 0.19 0.00	16.34 0.18 0.00	18.35 0.22 0.00	21.13 0.23 0.00	21.22 0.23 0.00	24.13 0.29 0.00	20.62 0.25 0.00	19.93 0.26 0.00	16.43 0.27 0.00
DUNKIRK___115KV_TB_200 55889	20.26 -0.91 0.00	19.15 -0.78 0.00	18.56 -0.73 0.00	18.30 -0.72 0.00	18.25 -0.78 0.00	17.37 -0.98 -0.29	18.53 -0.89 -0.53	17.47 -0.96 -0.91	18.77 -1.42 -0.24	17.43 -1.16 -0.23	15.68 -1.05 -0.61	15.09 -0.87 -0.68	15.60 -1.08 -0.54	15.53 -1.10 -0.49	15.21 -1.05 -0.53	15.48 -1.06 -0.52	15.83 -1.00 -0.67	17.77 -1.21 -0.85	20.43 -1.53 -1.05	21.17 -1.49 -1.67	22.05 -1.62 0.18	19.85 -1.30 -0.78	18.92 -1.28 -0.53	16.10 -0.81 -0.75
DUNKIRK___1 23563	20.26 -0.91 0.00	19.15 -0.78 0.00	18.56 -0.73 0.00	18.30 -0.72 0.00	18.25 -0.78 0.00	17.37 -0.98 -0.29	18.53 -0.89 -0.53	17.47 -0.96 -0.91	18.77 -1.42 -0.24	17.43 -1.16 -0.23	15.68 -1.05 -0.61	15.09 -0.87 -0.68	15.60 -1.08 -0.54	15.53 -1.10 -0.49	15.21 -1.05 -0.53	15.48 -1.06 -0.52	15.83 -1.00 -0.67	17.77 -1.21 -0.85	20.43 -1.53 -1.05	21.17 -1.49 -1.67	22.05 -1.62 0.18	19.85 -1.30 -0.78	18.92 -1.28 -0.53	16.10 -0.81 -0.75
DUNKIRK___2 23564	20.26 -0.91 0.00	19.15 -0.78 0.00	18.56 -0.73 0.00	18.30 -0.72 0.00	18.25 -0.78 0.00	17.37 -0.98 -0.29	18.53 -0.89 -0.53	17.47 -0.96 -0.91	18.77 -1.42 -0.24	17.43 -1.16 -0.23	15.68 -1.05 -0.61	15.09 -0.87 -0.68	15.60 -1.08 -0.54	15.53 -1.10 -0.49	15.21 -1.05 -0.53	15.48 -1.06 -0.52	15.83 -1.00 -0.67	17.77 -1.21 -0.85	20.43 -1.53 -1.05	21.17 -1.49 -1.67	22.05 -1.62 0.18	19.85 -1.30 -0.78	18.92 -1.28 -0.53	16.10 -0.81 -0.75
DUNKIRK___3 23565	20.20 -0.97 0.00	19.09 -0.84 0.00	18.50 -0.79 0.00	18.24 -0.78 0.00	18.19 -0.84 0.00	17.32 -1.03 -0.28	18.45 -0.96 -0.52	17.39 -1.03 -0.90	18.68 -1.50 -0.24	17.35 -1.23 -0.23	15.59 -1.13 -0.60	15.02 -0.93 -0.68	15.53 -1.15 -0.53	15.46 -1.16 -0.48	15.14 -1.12 -0.52	15.41 -1.12 -0.52	15.75 -1.07 -0.66	17.69 -1.29 -0.84	20.33 -1.61 -1.04	21.07 -1.57 -1.65	21.89 -1.72 0.24	19.76 -1.39 -0.77	18.83 -1.36 -0.52	16.04 -0.86 -0.74
DUNKIRK___4 23566	20.20 -0.97 0.00	19.09 -0.84 0.00	18.50 -0.79 0.00	18.24 -0.78 0.00	18.19 -0.84 0.00	17.32 -1.03 -0.28	18.45 -0.96 -0.52	17.39 -1.03 -0.90	18.68 -1.50 -0.24	17.35 -1.23 -0.23	15.59 -1.13 -0.60	15.02 -0.93 -0.68	15.53 -1.15 -0.53	15.46 -1.16 -0.48	15.14 -1.12 -0.52	15.41 -1.12 -0.52	15.75 -1.07 -0.66	17.69 -1.29 -0.84	20.33 -1.61 -1.04	21.07 -1.57 -1.65	21.89 -1.72 0.24	19.76 -1.39 -0.77	18.83 -1.36 -0.52	16.04 -0.86 -0.74
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	22.62 1.44 0.00	21.22 1.30 0.00	20.55 1.25 0.00	20.29 1.27 0.00	20.34 1.31 0.00	20.72 1.12 -1.53	22.90 1.19 -2.82	23.61 1.17 -4.91	22.70 1.48 -1.29	21.06 1.45 -1.26	20.67 1.29 -3.25	20.18 1.22 -3.69	20.40 1.36 -2.90	20.12 1.36 -2.62	19.92 1.34 -2.84	20.13 1.30 -2.83	21.04 1.28 -3.60	24.19 1.47 -4.59	28.16 1.61 -5.65	31.58 1.60 -9.00	32.25 1.79 -6.61	26.00 1.43 -4.19	23.97 1.48 -2.82	21.31 1.13 -4.01
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	22.49 1.31 0.00	21.16 1.24 0.00	20.49 1.20 0.00	20.25 1.24 0.00	20.28 1.26 0.00	20.62 1.10 -1.46	22.75 1.17 -2.69	23.35 1.16 -4.67	22.56 1.40 -1.22	20.89 1.34 -1.20	20.40 1.18 -3.09	19.88 1.10 -3.51	20.12 1.23 -2.75	19.84 1.21 -2.49	19.62 1.18 -2.70	19.85 1.15 -2.69	20.77 1.18 -3.43	23.87 1.38 -4.36	27.78 1.50 -5.38	31.08 1.53 -8.56	31.91 1.76 -6.30	25.77 1.41 -3.99	23.77 1.42 -2.69	21.08 1.10 -3.82
E179THST_138_KV_TB4_REV_LBMP_J 345001	22.78 1.61 0.00	21.34 1.41 0.00	20.66 1.37 0.00	20.39 1.37 0.00	20.42 1.39 0.00	20.69 1.08 -1.54	22.86 1.13 -2.83	23.57 1.12 -4.93	22.69 1.46 -1.29	21.08 1.47 -1.26	20.73 1.34 -3.26	20.24 1.27 -3.70	20.45 1.40 -2.91	20.17 1.40 -2.63	19.96 1.37 -2.85	20.17 1.33 -2.83	21.07 1.29 -3.61	24.24 1.51 -4.60	28.22 1.65 -5.67	31.63 1.62 -9.03	32.24 1.76 -6.63	25.97 1.39 -4.21	23.98 1.48 -2.83	21.33 1.15 -4.03
E179THST_13_KV_LOAD 356214	22.87 1.69 0.00	21.42 1.49 0.00	20.72 1.43 0.00	20.44 1.43 0.00	20.47 1.45 0.00	20.74 1.14 -1.54	22.93 1.21 -2.83	23.64 1.19 -4.93	22.77 1.54 -1.29	21.16 1.54 -1.26	20.79 1.40 -3.26	20.30 1.33 -3.70	20.52 1.47 -2.91	20.24 1.47 -2.63	20.04 1.45 -2.85	20.24 1.39 -2.83	21.15 1.37 -3.61	24.31 1.58 -4.60	28.30 1.73 -5.67	31.74 1.72 -9.03	32.36 1.88 -6.63	26.05 1.47 -4.21	24.06 1.55 -2.83	21.40 1.21 -4.03
EAST HAMPTON___GT 23717	29.01 2.73 -5.10	27.35 2.63 -4.79	24.83 2.57 -2.97	23.92 2.61 -2.30	24.84 2.55 -3.26	25.74 2.28 -5.40	24.46 2.42 -3.15	29.85 2.35 -9.98	29.16 2.81 -6.41	28.47 2.64 -7.48	24.09 2.31 -5.66	23.25 2.35 -5.63	22.57 2.29 -4.14	22.63 2.26 -4.22	23.28 2.39 -5.14	23.95 2.31 -5.63	25.90 2.36 -7.38	31.41 2.68 -10.59	37.16 2.97 -13.30	37.56 2.81 -13.76	41.71 3.15 -14.71	36.83 2.75 -13.70	26.91 2.81 -4.42	26.31 2.23 -7.92
EAST RIVER___6 23660	22.78 1.61 0.00	21.38 1.45 0.00	20.72 1.43 0.00	20.48 1.46 0.00	20.44 1.41 0.00	20.77 1.17 -1.54	22.97 1.25 -2.83	23.70 1.26 -4.92	22.83 1.60 -1.29	21.21 1.60 -1.26	20.82 1.43 -3.26	20.41 1.44 -3.70	20.56 1.52 -2.90	20.28 1.52 -2.62	20.07 1.48 -2.85	20.27 1.42 -2.83	21.21 1.44 -3.61	24.36 1.63 -4.60	28.30 1.73 -5.67	31.73 1.72 -9.02	32.23 1.91 -6.47	26.09 1.51 -4.20	24.12 1.61 -2.83	21.40 1.21 -4.02

EAST_RIVER___7 23524	22.78 1.61 0.00	21.38 1.45 0.00	20.72 1.43 0.00	20.48 1.46 0.00	20.44 1.41 0.00	20.77 1.17 -1.54	22.97 1.25 -2.83	23.70 1.26 -4.92	22.83 1.60 -1.29	21.21 1.60 -1.26	20.82 1.43 -3.26	20.41 1.44 -3.70	20.56 1.52 -2.90	20.28 1.52 -2.62	20.07 1.48 -2.85	20.27 1.42 -2.83	21.21 1.44 -3.61	24.36 1.63 -4.60	28.30 1.73 -5.67	31.73 1.72 -9.02	32.23 1.91 -6.47	26.09 1.51 -4.20	24.12 1.61 -2.83	21.40 1.21 -4.02
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	22.51 1.33 0.00	21.14 1.22 0.00	20.47 1.18 0.00	20.22 1.20 0.00	20.27 1.24 0.00	20.66 1.07 -1.53	22.82 1.11 -2.82	23.53 1.10 -4.90	22.62 1.40 -1.28	20.97 1.36 -1.26	20.58 1.21 -3.25	20.10 1.15 -3.68	20.29 1.26 -2.89	20.03 1.28 -2.61	19.81 1.23 -2.84	20.03 1.20 -2.82	20.95 1.20 -3.60	24.07 1.36 -4.58	28.09 1.55 -5.64	31.52 1.55 -8.98	32.19 1.74 -6.60	25.97 1.41 -4.19	23.93 1.44 -2.82	21.27 1.10 -4.01
EAST_HAMPTON___DIESEL 23722	29.01 2.73 -5.10	27.35 2.63 -4.79	24.83 2.57 -2.97	23.94 2.63 -2.30	24.84 2.55 -3.26	25.74 2.28 -5.40	24.46 2.42 -3.15	29.85 2.35 -9.98	29.16 2.81 -6.41	28.47 2.64 -7.48	24.09 2.31 -5.66	23.27 2.37 -5.63	22.59 2.31 -4.14	22.63 2.26 -4.22	23.28 2.39 -5.14	23.95 2.31 -5.63	25.90 2.36 -7.38	31.41 2.68 -10.59	37.16 2.97 -13.30	37.56 2.81 -13.76	41.71 3.15 -14.71	36.83 2.75 -13.70	26.91 2.81 -4.42	26.31 2.23 -7.92
EAST_PULASKI___ESR 323781	20.92 -0.25 0.00	19.69 -0.24 0.00	19.04 -0.25 0.00	18.77 -0.25 0.00	18.76 -0.27 0.00	17.75 -0.45 -0.13	18.65 -0.49 -0.25	17.46 -0.49 -0.43	19.40 -0.66 -0.11	17.80 -0.66 -0.11	15.78 -0.63 -0.28	15.02 -0.58 -0.32	15.80 -0.60 -0.25	15.77 -0.60 -0.23	15.39 -0.60 -0.25	15.66 -0.59 -0.25	15.88 -0.60 -0.31	17.90 -0.63 -0.40	20.70 -0.69 -0.49	21.14 -0.63 -0.78	23.82 -0.60 -0.57	20.23 -0.51 -0.37	19.41 -0.51 -0.25	16.09 -0.42 -0.35
EAST_RIVER___1 323558	22.78 1.61 0.00	21.38 1.45 0.00	20.72 1.43 0.00	20.48 1.46 0.00	20.42 1.39 0.00	20.77 1.17 -1.54	22.97 1.25 -2.83	23.69 1.24 -4.92	22.80 1.58 -1.29	21.19 1.58 -1.26	20.79 1.40 -3.26	20.36 1.39 -3.70	20.52 1.47 -2.90	20.24 1.47 -2.62	20.04 1.45 -2.85	20.23 1.39 -2.83	21.18 1.41 -3.61	24.32 1.60 -4.60	28.28 1.71 -5.67	31.73 1.72 -9.02	32.23 1.91 -6.47	26.09 1.51 -4.20	24.10 1.59 -2.83	21.40 1.21 -4.02
EAST_RIVER___2 323559	22.78 1.61 0.00	21.38 1.45 0.00	20.72 1.43 0.00	20.48 1.46 0.00	20.44 1.41 0.00	20.77 1.17 -1.54	22.97 1.25 -2.83	23.70 1.26 -4.92	22.83 1.60 -1.29	21.21 1.60 -1.26	20.82 1.43 -3.26	20.41 1.44 -3.70	20.56 1.52 -2.90	20.28 1.52 -2.62	20.07 1.48 -2.85	20.27 1.42 -2.83	21.21 1.44 -3.61	24.36 1.63 -4.60	28.30 1.73 -5.67	31.73 1.72 -9.02	32.23 1.91 -6.47	26.09 1.51 -4.20	24.12 1.61 -2.83	21.40 1.21 -4.02
EAST___DELAWARE_HYD 23607	22.83 1.65 0.00	21.62 1.69 0.00	20.82 1.52 0.00	20.65 1.64 0.00	20.61 1.58 0.00	20.83 1.43 -1.34	22.87 1.51 -2.47	23.28 1.47 -4.29	22.78 1.72 -1.12	21.07 1.62 -1.10	20.34 1.37 -2.84	19.72 1.22 -3.22	20.13 1.45 -2.53	19.85 1.42 -2.29	19.50 1.27 -2.48	19.76 1.28 -2.47	20.63 1.33 -3.15	23.71 1.58 -4.00	27.59 1.76 -4.94	30.65 1.81 -7.86	31.58 2.10 -5.64	25.69 1.65 -3.66	23.77 1.63 -2.47	21.07 1.41 -3.50
EIGHT_POINT___WT_PWR 323820	21.37 0.19 0.00	20.06 0.14 0.00	19.47 0.17 0.00	19.15 0.13 0.00	19.14 0.11 0.00	18.29 -0.11 -0.33	19.50 0.00 -0.61	18.49 -0.09 -1.06	19.86 -0.36 -0.28	18.33 -0.29 -0.27	16.51 -0.32 -0.70	15.73 -0.34 -0.80	16.45 -0.32 -0.63	16.34 -0.37 -0.56	15.99 -0.36 -0.61	16.27 -0.35 -0.61	16.65 -0.29 -0.78	18.74 -0.38 -0.99	21.64 -0.48 -1.22	22.51 -0.42 -1.94	27.56 -0.36 -4.08	21.00 -0.29 -0.91	20.03 -0.26 -0.61	16.98 -0.05 -0.87
ELBRIDGE_115KV_TB2 80188	21.11 -0.06 0.00	19.86 -0.06 0.00	19.23 -0.06 0.00	18.98 -0.04 0.00	18.97 -0.06 0.00	18.02 -0.23 -0.19	19.02 -0.23 -0.36	17.89 -0.25 -0.62	19.72 -0.38 -0.16	18.14 -0.37 -0.16	16.17 -0.37 -0.41	15.40 -0.34 -0.46	16.15 -0.36 -0.36	16.13 -0.34 -0.33	15.77 -0.33 -0.36	16.06 -0.30 -0.36	16.32 -0.29 -0.45	18.38 -0.33 -0.58	21.21 -0.40 -0.71	21.74 -0.38 -1.13	25.32 -0.36 -1.83	20.62 -0.29 -0.53	19.75 -0.28 -0.36	16.42 -0.24 -0.50
ELEC_TRO_TEK 24086	28.14 1.86 -5.10	26.41 1.69 -4.79	23.90 1.64 -2.97	22.97 1.65 -2.30	23.98 1.69 -3.26	24.92 1.46 -5.40	23.53 1.55 -3.09	27.94 1.51 -8.92	27.13 1.85 -5.33	26.30 1.78 -6.17	23.35 1.56 -5.66	22.37 1.47 -5.63	21.91 1.63 -4.13	21.99 1.63 -4.22	22.54 1.65 -5.14	23.26 1.62 -5.63	25.14 1.60 -7.38	30.52 1.80 -10.59	36.12 1.92 -13.30	36.68 1.93 -13.75	40.85 2.15 -14.86	35.85 1.77 -13.70	25.92 1.83 -4.42	25.47 1.39 -7.92
ELLENBURG_WT_PWR 323604	21.41 0.23 0.00	20.12 0.20 0.00	19.43 0.14 0.00	18.96 -0.06 0.00	18.92 -0.11 0.00	18.01 -0.05 0.00	18.81 -0.08 0.00	17.59 0.07 0.00	20.06 0.12 0.00	18.44 0.09 0.00	16.18 0.05 0.00	15.34 0.06 0.00	16.14 0.00 0.00	16.08 -0.06 0.00	15.70 -0.05 0.00	15.92 -0.10 0.00	16.06 -0.10 0.00	18.11 -0.02 0.00	20.96 0.06 0.00	20.93 -0.06 0.00	23.61 -0.24 0.00	20.11 -0.27 0.00	19.38 -0.29 0.00	15.89 -0.27 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	19.97 -1.21 0.00	18.87 -1.06 0.00	18.29 -1.00 0.00	18.03 -0.99 0.00	17.98 -1.05 0.00	17.19 -1.16 -0.28	18.31 -1.10 -0.51	17.22 -1.19 -0.89	18.50 -1.68 -0.23	17.19 -1.39 -0.23	15.46 -1.26 -0.59	14.87 -1.07 -0.67	15.39 -1.28 -0.52	15.33 -1.29 -0.47	15.00 -1.26 -0.51	15.27 -1.25 -0.51	15.60 -1.21 -0.65	17.52 -1.45 -0.83	20.13 -1.80 -1.03	20.84 -1.78 -1.63	21.52 -1.91 0.42	19.59 -1.55 -0.76	18.69 -1.50 -0.51	15.94 -0.95 -0.73
EMPIRE_CC_1 323656	21.87 0.70 0.00	20.60 0.68 0.00	19.95 0.66 0.00	19.70 0.68 0.00	19.73 0.70 0.00	20.68 0.54 -2.07	23.28 0.57 -3.82	24.64 0.47 -6.65	22.34 0.66 -1.74	20.66 0.60 -1.71	21.04 0.52 -4.40	20.78 0.52 -4.99	20.59 0.53 -3.92	20.20 0.52 -3.54	20.09 0.50 -3.84	20.36 0.53 -3.82	21.57 0.53 -4.87	24.88 0.54 -6.20	29.17 0.63 -7.65	33.81 0.65 -12.17	33.30 0.71 -8.74	26.70 0.65 -5.67	24.10 0.61 -3.82	22.04 0.45 -5.43
EMPIRE_CC_2 323658	21.87 0.70 0.00	20.60 0.68 0.00	19.95 0.66 0.00	19.70 0.68 0.00	19.73 0.70 0.00	20.68 0.54 -2.07	23.28 0.57 -3.82	24.64 0.47 -6.65	22.34 0.66 -1.74	20.66 0.60 -1.71	21.04 0.52 -4.40	20.78 0.52 -4.99	20.59 0.53 -3.92	20.20 0.52 -3.54	20.09 0.50 -3.84	20.36 0.53 -3.82	21.57 0.53 -4.87	24.88 0.54 -6.20	29.17 0.63 -7.65	33.81 0.65 -12.17	33.30 0.71 -8.74	26.70 0.65 -5.67	24.10 0.61 -3.82	22.04 0.45 -5.43
ENORWICH_115KV_TB1 80156	22.66 1.48 0.00	21.32 1.39 0.00	20.62 1.33 0.00	20.39 1.37 0.00	20.36 1.33 0.00	19.73 1.16 -0.51	20.96 1.13 -0.93	20.19 1.05 -1.63	21.30 0.94 -0.43	19.45 0.68 -0.42	17.67 0.47 -1.08	16.92 0.43 -1.22	17.57 0.47 -0.96	17.51 0.50 -0.87	17.12 0.44 -0.94	17.51 0.56 -0.93	17.95 0.60 -1.19	20.43 0.78 -1.52	23.86 1.09 -1.87	25.10 1.13 -2.98	28.44 1.43 -3.17	23.01 1.24 -1.39	21.71 1.10 -0.93	18.47 0.99 -1.33

ERIE_ST__34_KV_TB1-2 80199	20.33 -0.85 0.00	19.19 -0.74 0.00	18.62 -0.68 0.00	18.33 -0.68 0.00	18.29 -0.74 0.00	17.12 -1.23 -0.29	18.24 -1.17 -0.53	17.21 -1.23 -0.91	18.49 -1.70 -0.24	17.16 -1.43 -0.23	15.44 -1.29 -0.61	14.84 -1.12 -0.68	15.37 -1.31 -0.54	15.29 -1.34 -0.49	14.98 -1.29 -0.53	15.25 -1.28 -0.52	15.59 -1.24 -0.67	17.50 -1.49 -0.85	20.13 -1.82 -1.05	20.90 -1.76 -1.67	21.57 -1.91 0.37	19.57 -1.59 -0.78	18.64 -1.55 -0.53	15.89 -1.02 -0.75
ERIE_WT_PWR 323693	20.22 -0.95 0.00	18.99 -0.94 0.00	18.42 -0.87 0.00	18.12 -0.89 0.00	18.13 -0.89 0.00	17.24 -1.10 -0.27	18.36 -1.04 -0.51	17.27 -1.12 -0.88	18.58 -1.60 -0.23	17.24 -1.34 -0.23	15.50 -1.21 -0.58	14.79 -1.15 -0.66	15.43 -1.23 -0.52	15.30 -1.31 -0.47	15.04 -1.21 -0.51	15.31 -1.20 -0.50	15.64 -1.16 -0.64	17.54 -1.41 -0.82	20.18 -1.73 -1.01	20.90 -1.70 -1.61	21.70 -1.84 0.31	19.64 -1.49 -0.75	18.74 -1.44 -0.51	15.97 -0.90 -0.72
ESPRGFLD_115KV_TB1 80157	21.96 0.78 0.00	20.64 0.72 0.00	19.97 0.68 0.00	19.70 0.68 0.00	19.73 0.70 0.00	18.26 0.58 0.38	18.81 0.62 0.70	16.89 0.60 1.22	20.24 0.62 0.32	18.57 0.53 0.31	15.76 0.44 0.81	14.74 0.38 0.91	15.83 0.40 0.72	15.91 0.42 0.65	15.45 0.41 0.70	15.76 0.45 0.70	15.75 0.48 0.89	17.59 0.60 1.14	20.25 0.75 1.40	19.56 0.80 2.23	23.48 0.98 1.35	20.15 0.82 1.04	19.72 0.75 0.70	15.73 0.57 1.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	21.68 0.51 0.00	20.40 0.48 0.00	19.76 0.46 0.00	19.49 0.48 0.00	19.49 0.46 0.00	18.71 0.27 -0.37	19.88 0.30 -0.69	18.98 0.26 -1.20	20.41 0.16 -0.31	18.77 0.11 -0.31	16.95 0.03 -0.79	16.20 0.03 -0.90	16.87 0.02 -0.71	16.80 0.02 -0.64	16.44 0.00 -0.69	16.75 0.05 -0.69	17.14 0.10 -0.88	19.36 0.11 -1.12	22.45 0.17 -1.38	23.42 0.23 -2.19	27.23 0.33 -3.05	21.69 0.29 -1.02	20.62 0.26 -0.69	17.38 0.24 -0.98
ETNA____115KV_TB2 80207	21.68 0.51 0.00	20.40 0.48 0.00	19.76 0.46 0.00	19.49 0.48 0.00	19.49 0.46 0.00	18.71 0.27 -0.37	19.88 0.30 -0.69	18.98 0.26 -1.20	20.41 0.16 -0.31	18.77 0.11 -0.31	16.95 0.03 -0.79	16.20 0.03 -0.90	16.87 0.02 -0.71	16.80 0.02 -0.64	16.44 0.00 -0.69	16.75 0.05 -0.69	17.14 0.10 -0.88	19.36 0.11 -1.12	22.45 0.17 -1.38	23.42 0.23 -2.19	27.23 0.33 -3.05	21.69 0.29 -1.02	20.62 0.26 -0.69	17.38 0.24 -0.98
EUCLID__115KV_TB2 356179	20.96 -0.21 0.00	19.73 -0.20 0.00	19.10 -0.19 0.00	18.83 -0.19 0.00	18.82 -0.21 0.00	17.84 -0.38 -0.15	18.79 -0.38 -0.28	17.60 -0.40 -0.49	19.53 -0.54 -0.13	17.96 -0.51 -0.12	15.98 -0.47 -0.32	15.21 -0.43 -0.36	15.98 -0.45 -0.29	15.95 -0.45 -0.26	15.57 -0.46 -0.28	15.84 -0.45 -0.28	16.10 -0.42 -0.36	18.10 -0.49 -0.45	20.89 -0.56 -0.56	21.33 -0.55 -0.89	23.92 -0.57 -0.65	20.32 -0.47 -0.41	19.50 -0.45 -0.28	16.20 -0.36 -0.40
E_CANADA_CAP_HY 24051	22.02 0.85 0.00	20.68 0.76 0.00	20.04 0.75 0.00	19.76 0.74 0.00	19.79 0.76 0.00	21.38 0.61 -2.70	24.54 0.68 -4.97	26.78 0.61 -8.65	22.88 0.68 -2.26	21.14 0.57 -2.22	22.30 0.45 -5.72	22.21 0.44 -6.49	21.61 0.37 -5.10	21.14 0.39 -4.61	21.14 0.39 -5.00	21.45 0.46 -4.97	23.03 0.53 -6.34	26.86 0.65 -8.07	31.69 0.84 -9.95	37.73 0.90 -15.84	36.31 1.10 -11.37	28.70 0.94 -7.38	25.49 0.85 -4.97	23.82 0.60 -7.06
E_CANADA_MHWK_HY 24050	21.68 0.51 0.00	20.40 0.48 0.00	19.75 0.46 0.00	19.47 0.46 0.00	19.47 0.44 0.00	18.45 0.38 0.00	19.27 0.38 0.00	17.87 0.35 0.00	20.32 0.38 0.00	18.68 0.33 0.00	16.40 0.27 0.00	15.47 0.20 0.00	16.40 0.26 0.00	16.39 0.24 0.00	15.93 0.19 0.00	16.20 0.19 0.00	16.34 0.18 0.00	18.35 0.22 0.00	21.13 0.23 0.00	21.22 0.23 0.00	24.13 0.29 0.00	20.62 0.25 0.00	19.93 0.26 0.00	16.43 0.27 0.00
E_FISHKILL__LBMP 23776	22.42 1.25 0.00	21.06 1.14 0.00	20.39 1.10 0.00	20.14 1.12 0.00	20.19 1.16 0.00	20.61 0.98 -1.57	22.83 1.04 -2.90	23.58 1.02 -5.04	22.54 1.28 -1.32	20.89 1.25 -1.29	20.56 1.10 -3.34	20.10 1.04 -3.79	20.26 1.15 -2.97	19.98 1.15 -2.69	19.79 1.13 -2.92	20.01 1.10 -2.90	20.96 1.10 -3.70	24.09 1.25 -4.71	28.06 1.36 -5.80	31.59 1.36 -9.24	32.15 1.53 -6.78	25.93 1.24 -4.31	23.83 1.26 -2.90	21.25 0.97 -4.12
FALCON__SEABRD_CC1 323796	21.64 0.47 0.00	20.32 0.40 0.00	19.64 0.35 0.00	19.13 0.11 0.00	19.09 0.06 0.00	18.17 0.11 0.00	19.00 0.11 0.00	17.76 0.25 0.00	20.26 0.32 0.00	18.63 0.28 0.00	16.32 0.19 0.00	15.49 0.21 0.00	16.30 0.16 0.00	16.24 0.10 0.00	15.85 0.11 0.00	16.07 0.06 0.00	16.23 0.06 0.00	18.31 0.18 0.00	21.19 0.29 0.00	21.16 0.17 0.00	23.87 0.02 0.00	20.34 -0.04 0.00	19.57 -0.10 0.00	16.03 -0.13 0.00
FALCON__SEABRD_CC2 323797	21.64 0.47 0.00	20.32 0.40 0.00	19.64 0.35 0.00	19.13 0.11 0.00	19.09 0.06 0.00	18.17 0.11 0.00	19.00 0.11 0.00	17.76 0.25 0.00	20.26 0.32 0.00	18.63 0.28 0.00	16.32 0.19 0.00	15.49 0.21 0.00	16.30 0.16 0.00	16.24 0.10 0.00	15.85 0.11 0.00	16.07 0.06 0.00	16.23 0.06 0.00	18.31 0.18 0.00	21.19 0.29 0.00	21.16 0.17 0.00	23.87 0.02 0.00	20.34 -0.04 0.00	19.57 -0.10 0.00	16.03 -0.13 0.00
FAR ROCKAWAY__4 23548	28.39 2.12 -5.10	26.65 1.93 -4.79	24.14 1.87 -2.97	23.20 1.88 -2.30	24.19 1.90 -3.26	25.14 1.68 -5.40	23.74 1.76 -3.09	28.21 1.70 -8.99	27.40 2.05 -5.41	26.57 1.96 -6.26	23.51 1.73 -5.66	22.50 1.60 -5.63	22.07 1.79 -4.13	22.14 1.78 -4.22	22.63 1.75 -5.14	23.37 1.73 -5.63	25.25 1.71 -7.38	30.68 1.96 -10.59	36.33 2.13 -13.30	36.88 2.14 -13.75	41.12 2.41 -14.86	36.03 1.96 -13.70	26.10 2.01 -4.42	25.65 1.57 -7.92
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	22.72 1.55 0.00	21.32 1.39 0.00	20.64 1.35 0.00	20.39 1.37 0.00	20.42 1.39 0.00	20.79 1.19 -1.54	22.97 1.25 -2.83	23.69 1.24 -4.92	22.82 1.60 -1.29	21.19 1.58 -1.26	20.81 1.42 -3.26	20.31 1.34 -3.70	20.53 1.49 -2.90	20.25 1.49 -2.62	20.04 1.45 -2.85	20.25 1.41 -2.83	21.15 1.37 -3.61	24.31 1.58 -4.60	28.30 1.73 -5.67	31.73 1.72 -9.02	32.38 1.91 -6.63	26.09 1.51 -4.20	24.10 1.59 -2.83	21.40 1.21 -4.02
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	22.72 1.55 0.00	21.32 1.39 0.00	20.64 1.35 0.00	20.39 1.37 0.00	20.42 1.39 0.00	20.79 1.19 -1.54	22.97 1.25 -2.83	23.69 1.24 -4.92	22.81 1.58 -1.29	21.19 1.58 -1.26	20.81 1.42 -3.26	20.31 1.34 -3.70	20.53 1.49 -2.90	20.25 1.49 -2.62	20.04 1.45 -2.85	20.25 1.41 -2.83	21.15 1.37 -3.61	24.31 1.58 -4.60	28.30 1.73 -5.67	31.73 1.72 -9.02	32.38 1.91 -6.63	26.09 1.51 -4.20	24.10 1.59 -2.83	21.40 1.21 -4.02
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	22.72 1.55 0.00	21.30 1.37 0.00	20.64 1.35 0.00	20.37 1.35 0.00	20.42 1.39 0.00	20.77 1.17 -1.54	22.97 1.25 -2.83	23.69 1.24 -4.92	22.81 1.58 -1.29	21.17 1.56 -1.26	20.79 1.40 -3.26	20.31 1.34 -3.70	20.52 1.47 -2.90	20.24 1.47 -2.62	20.02 1.43 -2.85	20.23 1.39 -2.83	21.15 1.37 -3.61	24.29 1.56 -4.60	28.28 1.71 -5.67	31.71 1.70 -9.02	32.36 1.88 -6.63	26.09 1.51 -4.20	24.08 1.57 -2.83	21.40 1.21 -4.02

FARRAGUT___LBMP 323566	22.70 1.52 0.00	21.30 1.37 0.00	20.62 1.33 0.00	20.37 1.35 0.00	20.40 1.37 0.00	20.77 1.17 -1.54	22.95 1.23 -2.83	23.67 1.23 -4.92	22.79 1.56 -1.29	21.17 1.56 -1.26	20.77 1.39 -3.26	20.30 1.33 -3.70	20.50 1.45 -2.90	20.24 1.47 -2.62	20.02 1.43 -2.85	20.22 1.38 -2.83	21.13 1.36 -3.61	24.29 1.56 -4.60	28.26 1.69 -5.67	31.71 1.70 -9.02	32.36 1.88 -6.63	26.07 1.49 -4.20	24.08 1.57 -2.83	21.38 1.20 -4.02
FENNER___WINDPWR 24204	21.60 0.42 0.00	20.32 0.40 0.00	19.66 0.37 0.00	19.40 0.38 0.00	19.41 0.38 0.00	18.49 0.23 -0.19	19.49 0.24 -0.35	18.34 0.21 -0.62	20.26 0.16 -0.16	18.60 0.09 -0.16	16.58 0.05 -0.41	15.75 0.02 -0.46	16.57 0.06 -0.36	16.50 0.03 -0.33	16.11 0.02 -0.36	16.40 0.03 -0.35	16.63 0.02 -0.45	18.74 0.04 -0.58	21.69 0.08 -0.71	22.22 0.11 -1.13	25.41 0.19 -1.38	21.05 0.14 -0.53	20.15 0.12 -0.35	16.79 0.13 -0.50
FIBERTEK___ENERGY 23856	21.22 0.04 0.00	19.96 0.04 0.00	19.33 0.04 0.00	19.06 0.04 0.00	19.05 0.02 0.00	18.09 -0.16 -0.18	19.08 -0.15 -0.34	17.91 -0.19 -0.59	19.78 -0.32 -0.15	18.19 -0.31 -0.15	16.21 -0.31 -0.39	15.44 -0.27 -0.44	16.20 -0.29 -0.35	16.18 -0.27 -0.31	15.80 -0.28 -0.34	16.08 -0.27 -0.34	16.35 -0.24 -0.43	18.39 -0.29 -0.55	21.24 -0.33 -0.67	21.75 -0.31 -1.07	25.03 -0.29 -1.47	20.63 -0.24 -0.50	19.77 -0.24 -0.34	16.46 -0.18 -0.48
FITZPATRICK____ 23598	20.67 -0.51 0.00	19.45 -0.48 0.00	18.83 -0.46 0.00	18.56 -0.46 0.00	18.59 -0.44 0.00	17.58 -0.61 -0.13	18.48 -0.64 -0.23	17.28 -0.65 -0.41	19.23 -0.82 -0.11	17.69 -0.77 -0.10	15.70 -0.69 -0.27	14.91 -0.67 -0.31	15.69 -0.69 -0.24	15.67 -0.69 -0.22	15.30 -0.68 -0.24	15.57 -0.67 -0.23	15.80 -0.66 -0.30	17.75 -0.76 -0.38	20.49 -0.88 -0.47	20.88 -0.86 -0.75	23.45 -0.93 -0.54	19.95 -0.77 -0.35	19.16 -0.75 -0.23	15.90 -0.60 -0.33
FLOWRFLD_69_KV_BK1 356044	28.44 2.16 -5.10	26.75 2.03 -4.79	24.23 1.97 -2.97	23.31 2.00 -2.30	24.31 2.02 -3.26	25.25 1.79 -5.40	23.93 1.91 -3.13	28.97 1.84 -9.62	28.21 2.23 -6.04	27.51 2.13 -7.03	23.66 1.87 -5.66	22.63 1.73 -5.63	22.18 1.90 -4.13	22.27 1.90 -4.22	22.88 2.00 -5.14	23.56 1.92 -5.63	25.46 1.92 -7.38	30.90 2.18 -10.59	36.56 2.36 -13.30	37.01 2.27 -13.75	41.24 2.53 -14.86	36.25 2.18 -13.70	26.36 2.26 -4.42	25.82 1.75 -7.92
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	22.59 1.42 0.00	21.28 1.35 0.00	20.58 1.29 0.00	20.37 1.35 0.00	20.42 1.39 0.00	20.83 1.21 -1.55	23.04 1.28 -2.86	23.75 1.24 -4.98	22.76 1.52 -1.30	21.08 1.45 -1.28	20.68 1.26 -3.30	20.19 1.18 -3.74	20.39 1.31 -2.94	20.09 1.29 -2.66	19.88 1.26 -2.88	20.12 1.25 -2.87	21.08 1.26 -3.65	24.27 1.49 -4.65	28.26 1.63 -5.73	31.77 1.66 -9.13	32.46 1.91 -6.71	26.16 1.53 -4.25	24.05 1.51 -2.86	21.41 1.18 -4.07
FORT ORANGE____ 23900	21.68 0.51 0.00	20.46 0.54 0.00	19.83 0.54 0.00	19.59 0.57 0.00	19.60 0.57 0.00	20.58 0.40 -2.12	23.20 0.42 -3.90	24.65 0.35 -6.78	22.21 0.50 -1.77	20.57 0.48 -1.74	21.00 0.39 -4.49	20.76 0.40 -5.09	20.55 0.40 -4.00	20.14 0.39 -3.61	20.04 0.38 -3.92	20.31 0.40 -3.90	21.55 0.42 -4.97	24.90 0.43 -6.33	29.23 0.52 -7.80	33.94 0.52 -12.42	33.36 0.60 -8.92	26.70 0.53 -5.79	24.06 0.49 -3.90	22.03 0.32 -5.54
FORT_DRUM_COGEN 23780	20.86 -0.32 0.00	19.61 -0.32 0.00	18.95 -0.35 0.00	18.69 -0.32 0.00	18.69 -0.34 0.00	17.74 -0.42 -0.09	18.54 -0.51 -0.16	17.34 -0.46 -0.28	19.36 -0.66 -0.07	17.67 -0.75 -0.07	15.55 -0.76 -0.18	14.74 -0.75 -0.21	15.58 -0.73 -0.16	15.55 -0.74 -0.15	15.20 -0.71 -0.16	15.48 -0.69 -0.16	15.69 -0.68 -0.20	17.74 -0.65 -0.26	20.66 -0.56 -0.32	21.00 -0.50 -0.51	23.77 -0.45 -0.38	20.23 -0.39 -0.24	19.36 -0.47 -0.16	15.97 -0.42 -0.23
FPL_FAR_ROCK_GT1 24212	28.46 2.18 -5.10	26.73 2.01 -4.79	24.21 1.95 -2.97	23.29 1.98 -2.30	24.21 1.92 -3.26	25.14 1.68 -5.40	23.77 1.76 -3.12	28.64 1.70 -9.43	27.84 2.05 -5.85	27.11 1.96 -6.79	23.50 1.71 -5.66	22.60 1.70 -5.63	22.07 1.79 -4.14	22.14 1.78 -4.22	22.63 1.75 -5.14	23.37 1.73 -5.63	25.27 1.73 -7.38	30.70 1.98 -10.59	36.33 2.13 -13.30	36.89 2.14 -13.76	40.97 2.41 -14.71	36.03 1.96 -13.70	26.10 2.01 -4.42	25.65 1.57 -7.92
FPL_FAR_ROCK_GT2 23815	28.46 2.18 -5.10	26.73 2.01 -4.79	24.21 1.95 -2.97	23.29 1.98 -2.30	24.21 1.92 -3.26	25.14 1.68 -5.40	23.77 1.76 -3.12	28.64 1.70 -9.43	27.84 2.05 -5.85	27.11 1.96 -6.79	23.50 1.71 -5.66	22.60 1.70 -5.63	22.07 1.79 -4.14	22.14 1.78 -4.22	22.63 1.75 -5.14	23.37 1.73 -5.63	25.27 1.73 -7.38	30.70 1.98 -10.59	36.33 2.13 -13.30	36.89 2.14 -13.76	40.97 2.41 -14.71	36.03 1.96 -13.70	26.10 2.01 -4.42	25.65 1.57 -7.92
FRANKLIN_FALL_HYD 24054	21.26 0.08 0.00	19.98 0.06 0.00	19.31 0.02 0.00	18.83 -0.19 0.00	18.80 -0.23 0.00	17.93 -0.14 -0.01	18.74 -0.17 -0.02	17.56 0.00 -0.04	19.99 0.04 -0.01	18.36 0.00 -0.01	16.09 -0.06 -0.03	15.21 -0.09 -0.03	16.07 -0.10 -0.02	16.02 -0.15 -0.02	15.62 -0.14 -0.02	15.86 -0.18 -0.02	16.01 -0.18 -0.03	18.08 -0.09 -0.04	20.92 -0.02 -0.04	20.93 -0.13 -0.07	23.63 -0.26 -0.05	20.12 -0.29 -0.03	19.36 -0.33 -0.02	15.90 -0.29 -0.03
FREEPORT_EQUS_GT1 23764	28.33 2.05 -5.10	26.61 1.89 -4.79	24.10 1.83 -2.97	23.18 1.86 -2.30	24.10 1.81 -3.26	25.03 1.57 -5.40	23.69 1.66 -3.13	28.79 1.61 -9.66	28.00 1.97 -6.08	27.33 1.89 -7.08	23.43 1.65 -5.66	22.58 1.68 -5.63	21.99 1.71 -4.14	22.08 1.71 -4.22	22.62 1.73 -5.14	23.34 1.70 -5.63	25.24 1.70 -7.38	30.63 1.90 -10.59	36.25 2.05 -13.30	36.78 2.04 -13.76	40.85 2.29 -14.71	35.95 1.87 -13.70	26.02 1.93 -4.42	25.57 1.49 -7.92
FREEPORT___CT2 23818	28.33 2.05 -5.10	26.61 1.89 -4.79	24.10 1.83 -2.97	23.18 1.86 -2.30	24.10 1.81 -3.26	25.03 1.57 -5.40	23.69 1.66 -3.13	28.79 1.61 -9.66	28.00 1.97 -6.08	27.33 1.89 -7.08	23.43 1.65 -5.66	22.58 1.68 -5.63	21.99 1.71 -4.14	22.08 1.71 -4.22	22.62 1.73 -5.14	23.34 1.70 -5.63	25.24 1.70 -7.38	30.63 1.90 -10.59	36.25 2.05 -13.30	36.78 2.04 -13.76	40.85 2.29 -14.71	35.95 1.87 -13.70	26.02 1.93 -4.42	25.57 1.49 -7.92
FRESHKLS_33_KV_LOAD 356253	22.92 1.74 -0.01	21.44 1.51 0.00	20.76 1.47 0.00	20.48 1.46 0.00	20.51 1.48 0.00	20.74 1.14 -1.54	22.88 1.15 -2.83	23.50 1.05 -4.93	22.61 1.38 -1.29	21.01 1.39 -1.26	20.66 1.27 -3.26	20.20 1.22 -3.70	20.44 1.39 -2.91	20.12 1.36 -2.63	19.95 1.35 -2.85	20.16 1.31 -2.83	21.05 1.28 -3.61	24.27 1.54 -4.60	28.35 1.78 -5.67	31.76 1.74 -9.03	32.31 1.84 -6.63	26.03 1.45 -4.21	24.12 1.61 -2.83	21.45 1.26 -4.03
FULTON COGEN____ 23766	20.90 -0.28 0.00	19.69 -0.24 0.00	19.04 -0.25 0.00	18.79 -0.23 0.00	18.78 -0.25 0.00	17.76 -0.45 -0.15	18.71 -0.45 -0.27	17.52 -0.47 -0.47	19.43 -0.64 -0.12	17.87 -0.61 -0.12	15.88 -0.56 -0.31	15.10 -0.53 -0.36	15.86 -0.57 -0.28	15.83 -0.57 -0.25	15.47 -0.55 -0.27	15.74 -0.54 -0.27	15.99 -0.52 -0.35	17.98 -0.60 -0.44	20.78 -0.67 -0.55	21.23 -0.63 -0.87	23.81 -0.67 -0.63	20.23 -0.55 -0.40	19.41 -0.53 -0.27	16.11 -0.44 -0.39



FULTON___LFGE 323630	22.89 1.71 0.00	21.48 1.56 0.00	20.82 1.52 0.00	20.48 1.46 0.00	20.55 1.52 0.00	21.90 1.30 -2.54	25.00 1.43 -4.68	26.92 1.26 -8.14	23.43 1.36 -2.13	21.63 1.19 -2.09	22.48 0.97 -5.39	22.14 0.76 -6.11	21.68 0.74 -4.80	21.28 0.81 -4.33	21.11 0.66 -4.70	21.46 0.77 -4.68	23.00 0.87 -5.97	26.80 1.07 -7.59	31.62 1.36 -9.36	37.36 1.47 -14.90	36.33 1.79 -10.70	28.85 1.53 -6.95	25.75 1.40 -4.68	24.07 1.26 -6.65
G.F.CEMENT___DRP 24184	22.17 1.00 0.00	20.84 0.92 0.00	20.18 0.89 0.00	19.89 0.87 0.00	20.00 0.97 0.00	21.06 0.78 -2.22	23.87 0.89 -4.09	25.44 0.81 -7.11	22.74 0.94 -1.86	21.00 0.83 -1.82	21.51 0.68 -4.71	21.22 0.61 -5.34	20.94 0.60 -4.19	20.53 0.60 -3.79	20.42 0.57 -4.11	20.73 0.62 -4.09	22.07 0.69 -5.22	25.61 0.83 -6.64	30.09 1.00 -8.18	35.07 1.05 -13.03	34.60 1.29 -9.47	27.57 1.12 -6.07	24.80 1.04 -4.09	22.70 0.73 -5.81
GARDENVILLE___LBMP 24039	20.07 -1.10 0.00	18.95 -0.98 0.00	18.37 -0.93 0.00	18.11 -0.91 0.00	18.06 -0.97 0.00	17.21 -1.14 -0.28	18.33 -1.08 -0.51	17.26 -1.16 -0.89	18.54 -1.64 -0.23	17.22 -1.36 -0.23	15.48 -1.24 -0.59	14.89 -1.05 -0.67	15.41 -1.26 -0.53	15.34 -1.28 -0.48	15.03 -1.23 -0.52	15.29 -1.23 -0.51	15.64 -1.18 -0.65	17.55 -1.41 -0.84	20.17 -1.76 -1.03	20.91 -1.72 -1.64	21.63 -1.86 0.36	19.63 -1.51 -0.76	18.71 -1.48 -0.51	15.95 -0.94 -0.73
GARDNVLA_35_KV_LD 355827	20.16 -1.02 0.00	19.05 -0.88 0.00	18.46 -0.83 0.00	18.18 -0.84 0.00	18.13 -0.89 0.00	17.26 -1.08 -0.28	18.39 -1.02 -0.52	17.31 -1.10 -0.90	18.60 -1.58 -0.24	17.28 -1.30 -0.23	15.53 -1.19 -0.59	14.95 -0.99 -0.67	15.46 -1.21 -0.53	15.39 -1.23 -0.48	15.08 -1.18 -0.52	15.34 -1.18 -0.51	15.69 -1.13 -0.66	17.61 -1.36 -0.84	20.24 -1.69 -1.03	20.98 -1.66 -1.65	21.69 -1.81 0.35	19.70 -1.45 -0.77	18.77 -1.42 -0.52	16.01 -0.89 -0.73
GELCKHM___115KV_LOAD 80723	21.05 -0.13 0.00	19.80 -0.12 0.00	19.18 -0.12 0.00	18.90 -0.11 0.00	18.90 -0.13 0.00	17.92 -0.31 -0.16	18.89 -0.30 -0.30	17.70 -0.33 -0.52	19.62 -0.46 -0.14	18.04 -0.44 -0.13	16.05 -0.42 -0.34	15.28 -0.38 -0.39	16.05 -0.40 -0.31	16.03 -0.39 -0.28	15.65 -0.39 -0.30	15.93 -0.38 -0.30	16.19 -0.36 -0.38	18.20 -0.42 -0.48	21.02 -0.48 -0.60	21.48 -0.46 -0.95	24.32 -0.48 -0.95	20.43 -0.39 -0.44	19.60 -0.37 -0.30	16.29 -0.29 -0.42
GENERAL___MILLS 23808	20.12 -1.06 0.00	19.01 -0.92 0.00	18.42 -0.87 0.00	18.16 -0.86 0.00	18.12 -0.91 0.00	17.23 -1.12 -0.28	18.35 -1.06 -0.52	17.28 -1.14 -0.90	18.56 -1.62 -0.24	17.24 -1.34 -0.23	15.50 -1.23 -0.60	14.91 -1.04 -0.67	15.43 -1.24 -0.53	15.36 -1.26 -0.48	15.05 -1.21 -0.52	15.31 -1.22 -0.52	15.65 -1.16 -0.66	17.58 -1.40 -0.84	20.20 -1.73 -1.04	20.94 -1.70 -1.65	21.64 -1.86 0.34	19.66 -1.49 -0.77	18.73 -1.46 -0.52	15.97 -0.92 -0.74
GE_PLASTICS___DRP 24183	21.66 0.49 0.00	20.42 0.50 0.00	19.77 0.48 0.00	19.53 0.51 0.00	19.60 0.57 0.00	20.59 0.42 -2.11	23.21 0.43 -3.88	24.64 0.37 -6.75	22.21 0.50 -1.77	20.56 0.48 -1.73	21.02 0.42 -4.47	20.72 0.38 -5.07	20.54 0.42 -3.98	20.16 0.42 -3.60	20.04 0.39 -3.90	20.31 0.42 -3.88	21.55 0.44 -4.95	24.89 0.45 -6.30	29.19 0.52 -7.77	33.88 0.52 -12.37	33.45 0.60 -9.01	26.67 0.53 -5.76	24.05 0.49 -3.88	22.02 0.34 -5.52
GILBOA___1 23756	21.85 0.68 0.00	20.56 0.64 0.00	19.93 0.64 0.00	19.67 0.65 0.00	19.68 0.65 0.00	20.19 0.51 -1.62	22.41 0.53 -2.99	23.21 0.49 -5.20	21.92 0.62 -1.36	20.27 0.59 -1.33	20.09 0.52 -3.44	19.68 0.50 -3.91	19.74 0.53 -3.07	19.43 0.52 -2.77	19.25 0.50 -3.01	19.51 0.51 -2.99	20.49 0.52 -3.82	23.57 0.58 -4.86	27.53 0.65 -5.99	31.17 0.65 -9.53	31.45 0.76 -6.84	25.45 0.63 -4.44	23.29 0.63 -2.99	20.88 0.47 -4.25
GILBOA___2 23757	21.85 0.68 0.00	20.56 0.64 0.00	19.93 0.64 0.00	19.67 0.65 0.00	19.68 0.65 0.00	20.19 0.51 -1.62	22.41 0.53 -2.99	23.21 0.49 -5.20	21.92 0.62 -1.36	20.27 0.59 -1.33	20.09 0.52 -3.44	19.68 0.50 -3.91	19.74 0.53 -3.07	19.43 0.52 -2.77	19.25 0.50 -3.01	19.51 0.51 -2.99	20.49 0.52 -3.82	23.57 0.58 -4.86	27.53 0.65 -5.99	31.17 0.65 -9.53	31.45 0.76 -6.84	25.45 0.63 -4.44	23.29 0.63 -2.99	20.88 0.47 -4.25
GILBOA___3 23758	21.85 0.68 0.00	20.56 0.64 0.00	19.93 0.64 0.00	19.67 0.65 0.00	19.68 0.65 0.00	20.19 0.51 -1.62	22.41 0.53 -2.99	23.21 0.49 -5.20	21.92 0.62 -1.36	20.27 0.59 -1.33	20.09 0.52 -3.44	19.68 0.50 -3.91	19.74 0.53 -3.07	19.43 0.52 -2.77	19.25 0.50 -3.01	19.51 0.51 -2.99	20.49 0.52 -3.82	23.57 0.58 -4.86	27.53 0.65 -5.99	31.17 0.65 -9.53	31.45 0.76 -6.84	25.45 0.63 -4.44	23.29 0.63 -2.99	20.88 0.47 -4.25
GILBOA___4 23759	21.85 0.68 0.00	20.56 0.64 0.00	19.93 0.64 0.00	19.67 0.65 0.00	19.68 0.65 0.00	20.19 0.51 -1.62	22.41 0.53 -2.99	23.21 0.49 -5.20	21.92 0.62 -1.36	20.27 0.59 -1.33	20.09 0.52 -3.44	19.68 0.50 -3.91	19.74 0.53 -3.07	19.43 0.52 -2.77	19.25 0.50 -3.01	19.51 0.51 -2.99	20.49 0.52 -3.82	23.57 0.58 -4.86	27.53 0.65 -5.99	31.17 0.65 -9.53	31.45 0.76 -6.84	25.45 0.63 -4.44	23.29 0.63 -2.99	20.88 0.47 -4.25
GILBOA___ 23599	21.83 0.66 0.00	20.52 0.60 0.00	19.89 0.60 0.00	19.63 0.61 0.00	19.68 0.65 0.00	20.19 0.51 -1.62	22.40 0.53 -2.99	23.20 0.49 -5.20	21.92 0.62 -1.36	20.27 0.59 -1.33	20.08 0.52 -3.44	19.65 0.47 -3.90	19.72 0.52 -3.06	19.44 0.53 -2.77	19.25 0.50 -3.00	19.51 0.51 -2.99	20.49 0.52 -3.81	23.56 0.58 -4.85	27.52 0.65 -5.98	31.15 0.65 -9.51	31.62 0.76 -7.01	25.44 0.63 -4.43	23.29 0.63 -2.99	20.87 0.47 -4.24
GINNA___ 23603	19.33 -1.84 0.00	18.17 -1.75 0.00	17.59 -1.70 0.00	17.33 -1.69 0.00	17.35 -1.67 0.00	16.72 -1.55 -0.20	17.70 -1.57 -0.38	16.65 -1.52 -0.66	18.20 -1.91 -0.17	16.78 -1.74 -0.17	14.98 -1.58 -0.43	14.25 -1.51 -0.49	14.95 -1.58 -0.39	14.89 -1.60 -0.35	14.58 -1.54 -0.38	14.85 -1.54 -0.38	15.14 -1.50 -0.48	16.99 -1.76 -0.61	19.61 -2.05 -0.75	20.16 -2.04 -1.20	18.38 -2.24 3.23	19.08 -1.85 -0.56	18.26 -1.79 -0.38	15.32 -1.37 -0.54
GLEN PARK___ 23778	20.90 -0.28 0.00	19.65 -0.28 0.00	18.98 -0.31 0.00	18.73 -0.28 0.00	18.74 -0.28 0.00	17.78 -0.38 -0.10	18.62 -0.45 -0.18	17.41 -0.42 -0.31	19.39 -0.64 -0.08	17.68 -0.75 -0.08	15.58 -0.76 -0.21	14.81 -0.70 -0.24	15.60 -0.73 -0.19	15.57 -0.74 -0.17	15.22 -0.71 -0.18	15.50 -0.69 -0.18	15.71 -0.68 -0.23	17.79 -0.64 -0.29	20.74 -0.52 -0.36	21.10 -0.46 -0.58	23.87 -0.38 -0.41	20.32 -0.33 -0.27	19.42 -0.43 -0.18	16.05 -0.37 -0.26
GLENDALE_27_KV_LOAD 356172	22.85 1.67 0.00	21.42 1.49 0.00	20.74 1.45 0.00	20.46 1.45 0.00	20.49 1.47 0.00	20.83 1.23 -1.54	23.01 1.28 -2.83	23.71 1.26 -4.93	22.85 1.62 -1.29	21.23 1.61 -1.26	20.84 1.45 -3.26	20.36 1.39 -3.70	20.58 1.53 -2.91	20.30 1.53 -2.63	20.10 1.51 -2.85	20.30 1.46 -2.83	21.21 1.44 -3.61	24.38 1.65 -4.60	28.39 1.82 -5.67	31.82 1.81 -9.03	32.46 1.98 -6.63	26.15 1.57 -4.21	24.16 1.65 -2.83	21.45 1.26 -4.03

GLENWOOD_IC_1_G5 23712	28.08 1.80 -5.10	26.35 1.63 -4.79	23.85 1.58 -2.97	22.91 1.60 -2.30	23.91 1.62 -3.26	24.87 1.41 -5.40	23.47 1.47 -3.11	28.24 1.45 -9.27	27.41 1.77 -5.69	26.68 1.73 -6.60	23.33 1.55 -5.66	22.35 1.45 -5.63	21.88 1.60 -4.13	21.96 1.60 -4.22	22.47 1.59 -5.14	23.21 1.57 -5.63	25.09 1.55 -7.38	30.48 1.76 -10.59	36.01 1.82 -13.30	36.57 1.83 -13.75	40.73 2.03 -14.86	35.72 1.65 -13.70	25.85 1.75 -4.42	25.42 1.34 -7.92
GLENWOOD_IC_2_G1 23688	28.01 1.74 -5.10	26.31 1.59 -4.79	23.81 1.54 -2.97	22.89 1.58 -2.30	23.81 1.52 -3.26	24.78 1.32 -5.40	23.13 1.38 -2.86	24.18 1.35 -5.31	23.28 1.68 -1.66	21.70 1.63 -1.72	23.25 1.47 -5.66	22.37 1.47 -5.63	21.81 1.53 -4.14	21.88 1.52 -4.22	22.40 1.51 -5.14	23.13 1.49 -5.63	25.03 1.49 -7.38	30.41 1.69 -10.59	35.97 1.78 -13.30	36.53 1.78 -13.76	40.54 1.98 -14.71	35.68 1.61 -13.70	25.75 1.65 -4.42	25.34 1.26 -7.92
GLENWOOD_IC_3_G1 23689	28.01 1.74 -5.10	26.31 1.59 -4.79	23.81 1.54 -2.97	22.89 1.58 -2.30	23.81 1.52 -3.26	24.78 1.32 -5.40	23.13 1.38 -2.86	24.18 1.35 -5.31	23.28 1.68 -1.66	21.70 1.63 -1.72	23.25 1.47 -5.66	22.37 1.47 -5.63	21.81 1.53 -4.14	21.88 1.52 -4.22	22.40 1.51 -5.14	23.13 1.49 -5.63	25.03 1.49 -7.38	30.41 1.69 -10.59	35.97 1.78 -13.30	36.53 1.78 -13.76	40.54 1.98 -14.71	35.68 1.61 -13.70	25.75 1.65 -4.42	25.34 1.26 -7.92
GLENWOOD___4 23550	28.08 1.80 -5.10	26.35 1.63 -4.79	23.85 1.58 -2.97	22.91 1.60 -2.30	23.91 1.62 -3.26	24.87 1.41 -5.40	23.47 1.47 -3.11	28.24 1.45 -9.27	27.41 1.77 -5.69	26.68 1.73 -6.60	23.33 1.55 -5.66	22.35 1.45 -5.63	21.88 1.60 -4.13	21.96 1.60 -4.22	22.47 1.59 -5.14	23.21 1.57 -5.63	25.09 1.55 -7.38	30.48 1.76 -10.59	36.05 1.86 -13.30	36.59 1.85 -13.75	40.78 2.07 -14.86	35.76 1.69 -13.70	25.85 1.75 -4.42	25.42 1.34 -7.92
GLENWOOD___5 23614	28.08 1.80 -5.10	26.35 1.63 -4.79	23.85 1.58 -2.97	22.91 1.60 -2.30	23.91 1.62 -3.26	24.87 1.41 -5.40	23.47 1.47 -3.11	28.24 1.45 -9.27	27.41 1.77 -5.69	26.68 1.73 -6.60	23.33 1.55 -5.66	22.35 1.45 -5.63	21.88 1.60 -4.13	21.96 1.60 -4.22	22.47 1.59 -5.14	23.21 1.57 -5.63	25.09 1.55 -7.38	30.48 1.76 -10.59	36.05 1.86 -13.30	36.59 1.85 -13.75	40.78 2.07 -14.86	35.76 1.69 -13.70	25.85 1.75 -4.42	25.42 1.34 -7.92
GLOBAL GREEN_PORT_GT1 23814	28.97 2.69 -5.10	27.31 2.59 -4.79	24.79 2.53 -2.97	23.90 2.59 -2.30	24.80 2.51 -3.26	25.72 2.26 -5.40	24.44 2.40 -3.15	29.81 2.31 -9.98	29.12 2.77 -6.41	28.43 2.60 -7.48	24.08 2.29 -5.66	23.22 2.32 -5.63	22.56 2.28 -4.14	22.61 2.24 -4.22	23.24 2.36 -5.14	23.91 2.27 -5.63	25.85 2.31 -7.38	31.35 2.63 -10.59	37.12 2.93 -13.30	37.54 2.79 -13.76	41.68 3.12 -14.71	36.79 2.71 -13.70	26.85 2.75 -4.42	26.28 2.20 -7.92
GLOBE___DSASP 323697	19.29 -1.88 0.00	18.11 -1.81 0.00	17.58 -1.72 0.00	17.29 -1.73 0.00	17.30 -1.73 0.00	16.69 -1.63 -0.25	17.77 -1.59 -0.47	16.67 -1.66 -0.82	17.92 -2.23 -0.21	16.67 -1.89 -0.21	14.97 -1.69 -0.54	14.26 -1.60 -0.59	14.89 -1.71 -0.46	14.78 -1.78 -0.41	14.52 -1.67 -0.45	14.79 -1.67 -0.45	15.10 -1.63 -0.57	16.90 -1.99 -0.76	19.46 -2.38 -0.94	20.11 -2.37 -1.49	20.64 -2.65 0.56	18.95 -2.12 -0.70	18.12 -2.03 -0.47	15.45 -1.37 -0.67
GOETHSLN___LBMP 323567	22.66 1.48 0.00	21.24 1.32 0.00	20.58 1.29 0.00	20.31 1.29 0.00	20.34 1.31 0.00	20.72 1.12 -1.54	22.89 1.17 -2.83	23.65 1.21 -4.92	22.77 1.54 -1.29	21.17 1.56 -1.26	20.79 1.40 -3.26	20.30 1.33 -3.70	20.52 1.47 -2.90	20.24 1.47 -2.62	20.01 1.42 -2.85	20.19 1.34 -2.83	21.10 1.33 -3.61	24.22 1.49 -4.60	28.20 1.63 -5.67	31.62 1.62 -9.02	32.26 1.79 -6.63	25.99 1.41 -4.20	24.04 1.53 -2.83	21.35 1.16 -4.02
GOLAH___69_KV_TB 1_2 80279	20.37 -0.80 0.00	19.19 -0.74 0.00	18.64 -0.66 0.00	18.37 -0.65 0.00	18.36 -0.67 0.00	17.69 -0.60 -0.22	18.70 -0.59 -0.40	17.55 -0.67 -0.70	19.11 -1.02 -0.18	17.65 -0.88 -0.18	15.77 -0.82 -0.46	15.08 -0.72 -0.52	15.73 -0.82 -0.41	15.69 -0.82 -0.37	15.36 -0.79 -0.40	15.64 -0.77 -0.40	15.93 -0.74 -0.51	17.86 -0.92 -0.65	20.59 -1.11 -0.80	21.22 -1.05 -1.28	21.28 -1.07 1.49	20.12 -0.86 -0.59	19.27 -0.81 -0.40	16.24 -0.48 -0.57
GOODYEAR_LAKE_HYD 323669	21.94 0.76 0.00	20.62 0.70 0.00	19.97 0.68 0.00	19.72 0.70 0.00	19.73 0.70 0.00	19.04 0.58 -0.40	20.23 0.60 -0.73	19.37 0.58 -1.28	20.91 0.64 -0.33	19.23 0.55 -0.33	17.44 0.47 -0.84	16.66 0.43 -0.96	17.38 0.48 -0.75	17.32 0.50 -0.68	16.95 0.47 -0.74	17.22 0.48 -0.73	17.61 0.52 -0.94	19.92 0.60 -1.19	23.10 0.73 -1.47	24.08 0.76 -2.34	26.81 0.91 -2.06	22.20 0.73 -1.09	21.09 0.69 -0.73	17.75 0.55 -1.04
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	21.43 0.25 0.00	20.16 0.24 0.00	19.54 0.25 0.00	19.27 0.25 0.00	19.26 0.23 0.00	18.59 0.02 -0.51	19.90 0.08 -0.93	19.17 0.04 -1.62	20.31 -0.06 -0.42	18.71 -0.06 -0.42	17.12 -0.08 -1.07	16.45 -0.05 -1.22	17.03 -0.06 -0.96	16.94 -0.06 -0.86	16.62 -0.06 -0.94	16.89 -0.05 -0.93	17.32 -0.03 -1.19	19.59 -0.05 -1.51	22.68 -0.08 -1.87	23.92 -0.04 -2.97	26.91 0.00 -3.07	21.76 0.00 -1.38	20.60 0.00 -0.93	17.53 0.05 -1.32
GOUDEY___7 23579	21.45 0.28 0.00	20.18 0.26 0.00	19.56 0.27 0.00	19.28 0.27 0.00	19.28 0.25 0.00	18.61 0.04 -0.51	19.92 0.09 -0.93	19.19 0.05 -1.62	20.33 -0.04 -0.42	18.73 -0.04 -0.42	17.14 -0.06 -1.07	16.46 -0.03 -1.22	17.05 -0.05 -0.96	16.96 -0.05 -0.86	16.62 -0.06 -0.94	16.91 -0.03 -0.93	17.33 -0.02 -1.19	19.61 -0.04 -1.51	22.70 -0.06 -1.87	23.94 -0.02 -2.97	26.93 0.02 -3.07	21.78 0.02 -1.38	20.62 0.02 -0.93	17.55 0.06 -1.32
GOUDEY___8 23580	21.43 0.25 0.00	20.16 0.24 0.00	19.54 0.25 0.00	19.27 0.25 0.00	19.26 0.23 0.00	18.59 0.02 -0.51	19.90 0.08 -0.93	19.17 0.04 -1.62	20.31 -0.06 -0.42	18.71 -0.06 -0.42	17.12 -0.08 -1.07	16.45 -0.05 -1.22	17.03 -0.06 -0.96	16.94 -0.06 -0.86	16.62 -0.06 -0.94	16.89 -0.05 -0.93	17.32 -0.03 -1.19	19.59 -0.05 -1.51	22.68 -0.08 -1.87	23.92 -0.04 -2.97	26.91 0.00 -3.07	21.76 0.00 -1.38	20.60 0.00 -0.93	17.53 0.05 -1.32
GOWANUS_GT1_1 24077	22.98 1.80 -0.01	21.56 1.63 0.00	20.85 1.56 0.00	20.62 1.60 0.00	20.55 1.52 0.00	20.83 1.23 -1.54	22.97 1.25 -2.83	23.64 1.19 -4.93	22.77 1.54 -1.29	21.16 1.54 -1.26	20.79 1.40 -3.26	20.36 1.39 -3.70	20.53 1.48 -2.91	20.25 1.48 -2.63	20.06 1.46 -2.85	20.27 1.42 -2.83	21.21 1.44 -3.61	24.38 1.65 -4.60	28.39 1.82 -5.67	31.80 1.78 -9.03	32.28 1.96 -6.48	26.13 1.55 -4.21	24.16 1.65 -2.83	21.48 1.29 -4.03
GOWANUS_GT1_2 24078	22.98 1.80 -0.01	21.56 1.63 0.00	20.85 1.56 0.00	20.62 1.60 0.00	20.55 1.52 0.00	20.83 1.23 -1.54	22.97 1.25 -2.83	23.64 1.19 -4.93	22.77 1.54 -1.29	21.16 1.54 -1.26	20.79 1.40 -3.26	20.36 1.39 -3.70	20.53 1.48 -2.91	20.25 1.48 -2.63	20.06 1.46 -2.85	20.27 1.42 -2.83	21.21 1.44 -3.61	24.38 1.65 -4.60	28.39 1.82 -5.67	31.80 1.78 -9.03	32.28 1.96 -6.48	26.13 1.55 -4.21	24.16 1.65 -2.83	21.48 1.29 -4.03

GOWANUS_GT1_3 24079	22.98	21.56	20.85	20.62	20.55	20.83	22.97	23.64	22.77	21.16	20.79	20.36	20.53	20.25	20.06	20.27	21.21	24.38	28.39	31.80	32.28	26.13	24.16	21.48
	1.80	1.63	1.56	1.60	1.52	1.23	1.25	1.19	1.54	1.54	1.40	1.39	1.48	1.48	1.46	1.42	1.44	1.65	1.82	1.78	1.96	1.55	1.65	1.29
	-0.01	0.00	0.00	0.00	0.00	-1.54	-2.83	-4.93	-1.29	-1.26	-3.26	-3.70	-2.91	-2.63	-2.85	-2.83	-3.61	-4.60	-5.67	-9.03	-6.48	-4.21	-2.83	-4.03
GOWANUS_GT1_4 24080	22.98	21.56	20.85	20.62	20.55	20.83	22.97	23.64	22.77	21.16	20.79	20.36	20.53	20.25	20.06	20.27	21.21	24.38	28.39	31.80	32.28	26.13	24.16	21.48
	1.80	1.63	1.56	1.60	1.52	1.23	1.25	1.19	1.54	1.54	1.40	1.39	1.48	1.48	1.46	1.42	1.44	1.65	1.82	1.78	1.96	1.55	1.65	1.29
	-0.01	0.00	0.00	0.00	0.00	-1.54	-2.83	-4.93	-1.29	-1.26	-3.26	-3.70	-2.91	-2.63	-2.85	-2.83	-3.61	-4.60	-5.67	-9.03	-6.48	-4.21	-2.83	-4.03
GOWANUS_GT1_5 24084	22.98	21.56	20.85	20.62	20.55	20.83	22.97	23.64	22.77	21.16	20.79	20.36	20.53	20.25	20.06	20.27	21.21	24.38	28.39	31.80	32.28	26.13	24.16	21.48
	1.80	1.63	1.56	1.60	1.52	1.23	1.25	1.19	1.54	1.54	1.40	1.39	1.48	1.48	1.46	1.42	1.44	1.65	1.82	1.78	1.96	1.55	1.65	1.29
	-0.01	0.00	0.00	0.00	0.00	-1.54	-2.83	-4.93	-1.29	-1.26	-3.26	-3.70	-2.91	-2.63	-2.85	-2.83	-3.61	-4.60	-5.67	-9.03	-6.48	-4.21	-2.83	-4.03
GOWANUS_GT1_6 24111	22.98	21.56	20.85	20.62	20.55	20.83	22.97	23.64	22.77	21.16	20.79	20.36	20.53	20.25	20.06	20.27	21.21	24.38	28.39	31.80	32.28	26.13	24.16	21.48
	1.80	1.63	1.56	1.60	1.52	1.23	1.25	1.19	1.54	1.54	1.40	1.39	1.48	1.48	1.46	1.42	1.44	1.65	1.82	1.78	1.96	1.55	1.65	1.29
	-0.01	0.00	0.00	0.00	0.00	-1.54	-2.83	-4.93	-1.29	-1.26	-3.26	-3.70	-2.91	-2.63	-2.85	-2.83	-3.61	-4.60	-5.67	-9.03	-6.48	-4.21	-2.83	-4.03
GOWANUS_GT1_7 24112	22.98	21.56	20.85	20.62	20.55	20.83	22.97	23.64	22.77	21.16	20.79	20.36	20.53	20.25	20.06	20.27	21.21	24.38	28.39	31.80	32.28	26.13	24.16	21.48
	1.80	1.63	1.56	1.60	1.52	1.23	1.25	1.19	1.54	1.54	1.40	1.39	1.48	1.48	1.46	1.42	1.44	1.65	1.82	1.78	1.96	1.55	1.65	1.29
	-0.01	0.00	0.00	0.00	0.00	-1.54	-2.83	-4.93	-1.29	-1.26	-3.26	-3.70	-2.91	-2.63	-2.85	-2.83	-3.61	-4.60	-5.67	-9.03	-6.48	-4.21	-2.83	-4.03
GOWANUS_GT1_8 24113	22.98	21.56	20.85	20.62	20.55	20.83	22.97	23.64	22.77	21.16	20.79	20.36	20.53	20.25	20.06	20.27	21.21	24.38	28.39	31.80	32.28	26.13	24.16	21.48
	1.80	1.63	1.56	1.60	1.52	1.23	1.25	1.19	1.54	1.54	1.40	1.39	1.48	1.48	1.46	1.42	1.44	1.65	1.82	1.78	1.96	1.55	1.65	1.29
	-0.01	0.00	0.00	0.00	0.00	-1.54	-2.83	-4.93</																

GOWANUS_GT3_2 24123	22.98 1.80 -0.01	21.56 1.63 0.00	20.85 1.56 0.00	20.62 1.60 0.00	20.55 1.52 0.00	20.83 1.23 -1.54	22.97 1.25 -2.83	23.64 1.19 -4.93	22.77 1.54 -1.29	21.16 1.54 -1.26	20.79 1.40 -3.26	20.36 1.39 -3.70	20.53 1.48 -2.91	20.25 1.48 -2.63	20.06 1.46 -2.85	20.27 1.42 -2.83	21.21 1.44 -3.61	24.38 1.65 -4.60	28.39 1.82 -5.67	31.80 1.78 -9.03	32.28 1.96 -6.48	26.13 1.55 -4.21	24.16 1.65 -2.83	21.48 1.29 -4.03
GOWANUS_GT3_3 24124	22.98 1.80 -0.01	21.56 1.63 0.00	20.85 1.56 0.00	20.62 1.60 0.00	20.55 1.52 0.00	20.83 1.23 -1.54	22.97 1.25 -2.83	23.64 1.19 -4.93	22.77 1.54 -1.29	21.16 1.54 -1.26	20.79 1.40 -3.26	20.36 1.39 -3.70	20.53 1.48 -2.91	20.25 1.48 -2.63	20.06 1.46 -2.85	20.27 1.42 -2.83	21.21 1.44 -3.61	24.38 1.65 -4.60	28.39 1.82 -5.67	31.80 1.78 -9.03	32.28 1.96 -6.48	26.13 1.55 -4.21	24.16 1.65 -2.83	21.48 1.29 -4.03
GOWANUS_GT3_4 24125	22.98 1.80 -0.01	21.56 1.63 0.00	20.85 1.56 0.00	20.62 1.60 0.00	20.55 1.52 0.00	20.83 1.23 -1.54	22.97 1.25 -2.83	23.64 1.19 -4.93	22.77 1.54 -1.29	21.16 1.54 -1.26	20.79 1.40 -3.26	20.36 1.39 -3.70	20.53 1.48 -2.91	20.25 1.48 -2.63	20.06 1.46 -2.85	20.27 1.42 -2.83	21.21 1.44 -3.61	24.38 1.65 -4.60	28.39 1.82 -5.67	31.80 1.78 -9.03	32.28 1.96 -6.48	26.13 1.55 -4.21	24.16 1.65 -2.83	21.48 1.29 -4.03
GOWANUS_GT3_5 24126	22.98 1.80 -0.01	21.56 1.63 0.00	20.85 1.56 0.00	20.62 1.60 0.00	20.55 1.52 0.00	20.83 1.23 -1.54	22.97 1.25 -2.83	23.64 1.19 -4.93	22.77 1.54 -1.29	21.16 1.54 -1.26	20.79 1.40 -3.26	20.36 1.39 -3.70	20.53 1.48 -2.91	20.25 1.48 -2.63	20.06 1.46 -2.85	20.27 1.42 -2.83	21.21 1.44 -3.61	24.38 1.65 -4.60	28.39 1.82 -5.67	31.80 1.78 -9.03	32.28 1.96 -6.48	26.13 1.55 -4.21	24.16 1.65 -2.83	21.48 1.29 -4.03
GOWANUS_GT3_6 24127	22.98 1.80 -0.01	21.56 1.63 0.00	20.85 1.56 0.00	20.62 1.60 0.00	20.55 1.52 0.00	20.83 1.23 -1.54	22.97 1.25 -2.83	23.64 1.19 -4.93	22.77 1.54 -1.29	21.16 1.54 -1.26	20.79 1.40 -3.26	20.36 1.39 -3.70	20.53 1.48 -2.91	20.25 1.48 -2.63	20.06 1.46 -2.85	20.27 1.42 -2.83	21.21 1.44 -3.61	24.38 1.65 -4.60	28.39 1.82 -5.67	31.80 1.78 -9.03	32.28 1.96 -6.48	26.13 1.55 -4.21	24.16 1.65 -2.83	21.48 1.29 -4.03
GOWANUS_GT3_7 24128	22.98 1.80 -0.01	21.56 1.63 0.00	20.85 1.56 0.00	20.62 1.60 0.00	20.55 1.52 0.00	20.83 1.23 -1.54	22.97 1.25 -2.83	23.64 1.19 -4.93	22.77 1.54 -1.29	21.16 1.54 -1.26	20.79 1.40 -3.26	20.36 1.39 -3.70	20.53 1.48 -2.91	20.25 1.48 -2.63	20.06 1.46 -2.85	20.27 1.42 -2.83	21.21 1.44 -3.61	24.38 1.65 -4.60	28.39 1.82 -5.67	31.80 1.78 -9.03	32.28 1.96 -6.48	26.13 1.55 -4.21	24.16 1.65 -2.83	21.48 1.29 -4.03
GOWANUS_GT3_8 24129	22.98 1.80 -0.01	21.56 1.63 0.00	20.85 1.56 0.00	20.62 1.60 0.00	20.55 1.52 0.00	20.83 1.23 -1.54	22.97 1.25 -2.83	23.64 1.19 -4.93	22.77 1.54 -1.29	21.16 1.54 -1.26	20.79 1.40 -3.26	20.36 1.39 -3.70	20.53 1.48 -2.91	20.25 1.48 -2.63	20.06 1.46 -2.85	20.27 1.42 -2.83	21.21 1.44 -3.61	24.38 1.65 -4.60	28.39 1.82 -5.67	31.80 1.78 -9.03	32.28 1.96 -6.48	26.13 1.55 -4.21	24.16 1.65 -2.83	21.48 1.29 -4.03
GOWANUS_GT4_1 24130	22.98 1.80 -0.01	21.56 1.63 0.00	20.85 1.56 0.00	20.62 1.60 0.00	20.55 1.52 0.00	20.83 1.23 -1.54	22.97 1.25 -2.83	23.64 1.19 -4.93	22.77 1.54 -1.29	21.16 1.54 -1.26	20.79 1.40 -3.26	20.36 1.39 -3.70	20.53 1.48 -2.91	20.25 1.48 -2.63	20.06 1.46 -2.85	20.27 1.42 -2.83	21.21 1.44 -3.61	24.38 1.65 -4.60	28.39 1.82 -5.67	31.80 1.78 -9.03	32.28 1.96 -6.48	26.13 1.55 -4.21	24.16 1.65 -2.83	21.48 1.29 -4.03
GOWANUS_GT4_2 24131	22.98 1.80 -0.01	21.56 1.63 0.00	20.85 1.56 0.00	20.62 1.60 0.00	20.55 1.52 0.00	20.83 1.23 -1.54	22.97 1.25 -2.83	23.64 1.19 -4.93	22.77 1.54 -1.29	21.16 1.54 -1.26	20.79 1.40 -3.26	20.36 1.39 -3.70	20.53 1.48 -2.91	20.25 1.48 -2.63	20.06 1.46 -2.85	20.27 1.42 -2.83	21.21 1.44 -3.61	24.38 1.65 -4.60	28.39 1.82 -5.67	31.80 1.78 -9.03	32.28 1.96 -6.48	26.13 1.55 -4.21	24.16 1.65 -2.83	21.48 1.29 -4.03
GOWANUS_GT4_3 24132	22.98 1.80 -0.01	21.56 1.63 0.00	20.85 1.56 0.00	20.62 1.60 0.00	20.55 1.52 0.00	20.83 1.23 -1.54	22.97 1.25 -2.83	23.64 1.19 -4.93	22.77 1.54 -1.29	21.16 1.54 -1.26	20.79 1.40 -3.26	20.36 1.39 -3.70	20.53 1.48 -2.91	20.25 1.48 -2.63	20.06 1.46 -2.85	20.27 1.42 -2.83	21.21 1.44 -3.61	24.38 1.65 -4.60	28.39 1.82 -5.67	31.80 1.78 -9.03	32.28 1.96 -6.48	26.13 1.55 -4.21	24.16 1.65 -2.83	21.48 1.29 -4.03
GOWANUS_GT4_4 24133	22.98 1.80 -0.01	21.56 1.63 0.00	20.85 1.56 0.00	20.62 1.60 0.00	20.55 1.52 0.00	20.83 1.23 -1.54	22.97 1.25 -2.83	23.64 1.19 -4.93	22.77 1.54 -1.29	21.16 1.54 -1.26	20.79 1.40 -3.26	20.36 1.39 -3.70	20.53 1.48 -2.91	20.25 1.48 -2.63	20.06 1.46 -2.85	20.27 1.42 -2.83	21.21 1.44 -3.61	24.38 1.65 -4.60	28.39 1.82 -5.67	31.80 1.78 -9.03	32.28 1.96 -6.48	26.13 1.55 -4.21	24.16 1.65 -2.83	21.48 1.29 -4.03
GOWANUS_GT4_5 24134	22.98 1.80 -0.01	21.56 1.63 0.00	20.85 1.56 0.00	20.62 1.60 0.00	20.55 1.52 0.00	20.83 1.23 -1.54	22.97 1.25 -2.83	23.64 1.19 -4.93	22.77 1.54 -1.29	21.16 1.54 -1.26	20.79 1.40 -3.26	20.36 1.39 -3.70	20.53 1.48 -2.91	20.25 1.48 -2.63	20.06 1.46 -2.85	20.27 1.42 -2.83	21.21 1.44 -3.61	24.38 1.65 -4.60	28.39 1.82 -5.67	31.80 1.78 -9.03	32.28 1.96 -6.48	26.13 1.55 -4.21	24.16 1.65 -2.83	21.48 1.29 -4.03
GOWANUS_GT4_6 24135	22.98 1.80 -0.01	21.56 1.63 0.00	20.85 1.56 0.00	20.62 1.60 0.00	20.55 1.52 0.00	20.83 1.23 -1.54	22.97 1.25 -2.83	23.64 1.19 -4.93	22.77 1.54 -1.29	21.16 1.54 -1.26	20.79 1.40 -3.26	20.36 1.39 -3.70	20.53 1.48 -2.91	20.25 1.48 -2.63	20.06 1.46 -2.85	20.27 1.42 -2.83	21.21 1.44 -3.61	24.38 1.65 -4.60	28.39 1.82 -5.67	31.80 1.78 -9.03	32.28 1.96 -6.48	26.13 1.55 -4.21	24.16 1.65 -2.83	21.48 1.29 -4.03
GOWANUS_GT4_7 24136	22.98 1.80 -0.01	21.56 1.63 0.00	20.85 1.56 0.00	20.62 1.60 0.00	20.55 1.52 0.00	20.83 1.23 -1.54	22.97 1.25 -2.83	23.64 1.19 -4.93	22.77 1.54 -1.29	21.16 1.54 -1.26	20.79 1.40 -3.26	20.36 1.39 -3.70	20.53 1.48 -2.91	20.25 1.48 -2.63	20.06 1.46 -2.85	20.27 1.42 -2.83	21.21 1.44 -3.61	24.38 1.65 -4.60	28.39 1.82 -5.67	31.80 1.78 -9.03	32.28 1.96 -6.48	26.13 1.55 -4.21	24.16 1.65 -2.83	21.48 1.29 -4.03
GOWANUS_GT4_8 24137	22.98 1.80 -0.01	21.56 1.63 0.00	20.85 1.56 0.00	20.62 1.60 0.00	20.55 1.52 0.00	20.83 1.23 -1.54	22.97 1.25 -2.83	23.64 1.19 -4.93	22.77 1.54 -1.29	21.16 1.54 -1.26	20.79 1.40 -3.26	20.36 1.39 -3.70	20.53 1.48 -2.91	20.25 1.48 -2.63	20.06 1.46 -2.85	20.27 1.42 -2.83	21.21 1.44 -3.61	24.38 1.65 -4.60	28.39 1.82 -5.67	31.80 1.78 -9.03	32.28 1.96 -6.48	26.13 1.55 -4.21	24.16 1.65 -2.83	21.48 1.29 -4.03

GREENBSH_115KV_TB3 55895	21.56 0.38 0.00	20.32 0.40 0.00	19.72 0.42 0.00	19.47 0.46 0.00	19.52 0.49 0.00	20.50 0.33 -2.11	23.12 0.34 -3.89	24.57 0.28 -6.77	22.15 0.44 -1.77	20.51 0.42 -1.74	20.96 0.35 -4.48	20.68 0.32 -5.08	20.49 0.36 -3.99	20.10 0.36 -3.61	20.00 0.35 -3.91	20.25 0.35 -3.89	21.50 0.37 -4.96	24.81 0.36 -6.32	29.13 0.44 -7.79	33.81 0.42 -12.40	33.35 0.48 -9.03	26.60 0.45 -5.78	23.98 0.41 -3.89	21.95 0.26 -5.53
GREENDGE_115KV_TB5 80291	21.26 0.08 0.00	20.02 0.10 0.00	19.39 0.10 0.00	19.11 0.10 0.00	19.10 0.08 0.00	18.32 -0.07 -0.33	19.51 0.02 -0.60	18.53 -0.04 -1.05	19.98 -0.24 -0.27	18.40 -0.22 -0.27	16.56 -0.26 -0.70	15.85 -0.21 -0.79	16.50 -0.26 -0.62	16.44 -0.26 -0.56	16.05 -0.30 -0.61	16.34 -0.27 -0.60	16.70 -0.23 -0.77	18.84 -0.27 -0.98	21.79 -0.31 -1.21	22.66 -0.25 -1.92	34.16 -0.24 -10.56	21.11 -0.16 -0.90	20.12 -0.16 -0.60	16.99 -0.03 -0.86
GREENIDGE___3 23582	21.26 0.08 0.00	20.02 0.10 0.00	19.39 0.10 0.00	19.11 0.10 0.00	19.10 0.08 0.00	18.32 -0.07 -0.33	19.51 0.02 -0.60	18.53 -0.04 -1.05	19.98 -0.24 -0.27	18.40 -0.22 -0.27	16.56 -0.26 -0.70	15.85 -0.21 -0.79	16.50 -0.26 -0.62	16.44 -0.26 -0.56	16.05 -0.30 -0.61	16.34 -0.27 -0.60	16.70 -0.23 -0.77	18.84 -0.27 -0.98	21.79 -0.31 -1.21	22.66 -0.25 -1.92	34.16 -0.24 -10.56	21.11 -0.16 -0.90	20.12 -0.16 -0.60	16.99 -0.03 -0.86
GREENIDGE___4 23583	21.30 0.13 0.00	20.02 0.10 0.00	19.39 0.10 0.00	19.09 0.08 0.00	19.10 0.08 0.00	18.31 -0.07 -0.32	19.49 0.02 -0.58	18.50 -0.03 -1.02	19.97 -0.24 -0.27	18.39 -0.22 -0.26	16.54 -0.26 -0.67	15.75 -0.29 -0.76	16.48 -0.26 -0.60	16.39 -0.29 -0.54	16.03 -0.30 -0.59	16.34 -0.26 -0.58	16.70 -0.21 -0.75	18.81 -0.27 -0.95	21.76 -0.31 -1.17	22.60 -0.25 -1.86	34.29 -0.22 -10.66	21.08 -0.16 -0.87	20.10 -0.16 -0.58	16.96 -0.03 -0.83
GREENLWN_69_KV_BK 3 55738	28.31 2.03 -5.10	26.57 1.85 -4.79	24.08 1.81 -2.97	23.14 1.83 -2.30	24.14 1.85 -3.26	25.09 1.63 -5.40	23.74 1.72 -3.13	28.80 1.66 -9.62	28.00 2.01 -6.04	27.31 1.93 -7.03	23.48 1.69 -5.66	22.49 1.59 -5.63	22.04 1.76 -4.13	22.12 1.76 -4.22	22.65 1.76 -5.14	23.37 1.73 -5.63	25.27 1.73 -7.38	30.68 1.96 -10.59	36.31 2.11 -13.30	36.86 2.12 -13.75	41.07 2.36 -14.86	36.01 1.94 -13.70	26.10 2.01 -4.42	25.63 1.55 -7.92
GREENWD_138_KV_38B11_REV_LBMP_J 345004	22.92 1.74 -0.01	21.48 1.55 0.00	20.78 1.49 0.00	20.50 1.48 0.00	20.55 1.52 0.00	20.83 1.23 -1.54	22.97 1.25 -2.83	23.64 1.19 -4.93	22.77 1.54 -1.29	21.16 1.54 -1.26	20.79 1.40 -3.26	20.32 1.34 -3.70	20.53 1.49 -2.91	20.25 1.49 -2.63	20.06 1.46 -2.85	20.27 1.42 -2.83	21.16 1.39 -3.61	24.37 1.63 -4.60	28.39 1.82 -5.67	31.80 1.78 -9.03	32.43 1.96 -6.63	26.13 1.55 -4.21	24.16 1.65 -2.83	21.48 1.29 -4.03
GRISSOM___SOLAR 323813	22.89 1.71 0.00	21.48 1.56 0.00	20.82 1.52 0.00	20.48 1.46 0.00	20.55 1.52 0.00	21.90 1.30 -2.54	25.00 1.43 -4.68	26.92 1.26 -8.14	23.43 1.36 -2.13	21.63 1.19 -2.09	22.48 0.97 -5.39	22.14 0.76 -6.11	21.68 0.74 -4.80	21.28 0.81 -4.33	21.11 0.66 -4.70	21.46 0.77 -4.68	23.00 0.87 -5.97	26.80 1.07 -7.59	31.62 1.36 -9.36	37.36 1.47 -14.90	36.33 1.79 -10.70	28.85 1.53 -6.95	25.75 1.40 -4.68	24.07 1.26 -6.65
GROVEVILLE___HYD 323602	22.59 1.42 0.00	21.28 1.35 0.00	20.58 1.29 0.00	20.37 1.35 0.00	20.42 1.39 0.00	20.83 1.21 -1.55	23.04 1.28 -2.86	23.75 1.24 -4.98	22.76 1.52 -1.30	21.08 1.45 -1.28	20.68 1.26 -3.30	20.19 1.18 -3.74	20.39 1.31 -2.94	20.09 1.29 -2.66	19.88 1.26 -2.88	20.12 1.25 -2.87	21.08 1.26 -3.65	24.27 1.49 -4.65	28.26 1.63 -5.73	31.77 1.66 -9.13	32.46 1.91 -6.71	26.16 1.53 -4.25	24.05 1.51 -2.86	21.41 1.18 -4.07
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	21.22 0.04 0.00	19.96 0.04 0.00	19.33 0.04 0.00	19.06 0.04 0.00	19.05 0.02 0.00	18.09 -0.16 -0.18	19.08 -0.15 -0.34	17.91 -0.19 -0.59	19.78 -0.32 -0.15	18.19 -0.31 -0.15	16.21 -0.31 -0.39	15.44 -0.27 -0.44	16.20 -0.29 -0.35	16.18 -0.27 -0.31	15.80 -0.28 -0.34	16.08 -0.27 -0.34	16.35 -0.24 -0.43	18.39 -0.29 -0.55	21.24 -0.33 -0.67	21.75 -0.31 -1.07	25.03 -0.29 -1.47	20.63 -0.24 -0.50	19.77 -0.24 -0.34	16.46 -0.18 -0.48
HAMLTNNY_34_KV_TB 80303	21.20 0.02 0.00	19.96 0.04 0.00	19.31 0.02 0.00	19.06 0.04 0.00	19.05 0.02 0.00	18.10 -0.16 -0.19	19.11 -0.13 -0.36	17.98 -0.16 -0.62	19.80 -0.30 -0.16	18.22 -0.29 -0.16	16.25 -0.27 -0.41	15.46 -0.27 -0.47	16.22 -0.29 -0.37	16.20 -0.27 -0.33	15.85 -0.25 -0.36	16.13 -0.24 -0.36	16.40 -0.21 -0.45	18.46 -0.25 -0.58	21.32 -0.29 -0.71	21.85 -0.27 -1.14	25.24 -0.24 -1.63	20.72 -0.18 -0.53	19.83 -0.20 -0.36	16.51 -0.16 -0.51
HAMPSHIRE___PAPER_HYD 323593	20.43 -0.74 0.00	19.23 -0.70 0.00	18.58 -0.71 0.00	18.28 -0.74 0.00	18.29 -0.74 0.00	17.41 -0.70 -0.05	18.19 -0.79 -0.09	16.97 -0.70 -0.15	19.15 -0.84 -0.04	17.53 -0.86 -0.04	15.42 -0.81 -0.10	14.64 -0.75 -0.12	15.43 -0.81 -0.09	15.42 -0.81 -0.08	15.06 -0.77 -0.09	15.31 -0.78 -0.09	15.48 -0.79 -0.11	17.48 -0.80 -0.14	20.28 -0.79 -0.18	20.45 -0.82 -0.28	23.14 -0.91 -0.20	19.73 -0.77 -0.13	18.94 -0.83 -0.09	15.59 -0.69 -0.13
HARDSCRABBLE_WT_PWR 323673	21.60 0.42 0.00	20.32 0.40 0.00	19.68 0.39 0.00	19.40 0.38 0.00	19.41 0.38 0.00	18.37 0.31 0.00	19.19 0.30 0.00	17.80 0.28 0.00	20.24 0.30 0.00	18.63 0.28 0.00	16.35 0.23 0.00	15.43 0.15 0.00	16.35 0.21 0.00	16.34 0.19 0.00	15.87 0.13 0.00	16.14 0.13 0.00	16.29 0.13 0.00	18.26 0.13 0.00	21.05 0.15 0.00	21.14 0.15 0.00	24.01 0.17 0.00	20.54 0.16 0.00	19.85 0.18 0.00	16.37 0.21 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	22.47 1.29 0.00	21.12 1.20 0.00	20.45 1.16 0.00	20.22 1.20 0.00	20.27 1.24 0.00	20.55 1.07 -1.42	22.64 1.13 -2.61	23.19 1.12 -4.55	22.49 1.36 -1.19	20.84 1.32 -1.17	20.30 1.16 -3.01	19.77 1.08 -3.41	20.03 1.21 -2.68	19.76 1.19 -2.42	19.50 1.13 -2.63	19.75 1.12 -2.61	20.63 1.13 -3.33	23.68 1.31 -4.24	27.57 1.44 -5.23	30.81 1.49 -8.33	31.67 1.69 -6.14	25.62 1.37 -3.88	23.66 1.38 -2.61	20.96 1.08 -3.71
HARSNRAD_115KV_TB1 81005	19.69 -1.48 0.00	18.61 -1.32 0.00	18.02 -1.27 0.00	17.76 -1.26 0.00	17.68 -1.35 0.00	17.04 -1.28 -0.25	18.11 -1.25 -0.47	16.99 -1.35 -0.82	18.28 -1.87 -0.21	16.98 -1.58 -0.21	15.25 -1.42 -0.54	14.66 -1.22 -0.61	15.19 -1.44 -0.48	15.12 -1.45 -0.43	14.80 -1.42 -0.47	15.07 -1.41 -0.47	15.40 -1.36 -0.60	17.25 -1.65 -0.76	19.83 -2.01 -0.94	20.49 -1.99 -1.50	21.13 -1.98 0.73	19.32 -1.75 -0.70	18.47 -1.67 -0.47	15.76 -1.07 -0.67
HARZA MOOSE___RIVER 24016	21.24 0.06 0.00	19.98 0.06 0.00	19.31 0.02 0.00	19.08 0.06 0.00	19.07 0.04 0.00	18.10 -0.02 -0.05	18.92 -0.06 -0.09	17.62 -0.05 -0.16	19.86 -0.12 -0.04	18.19 -0.20 -0.04	16.00 -0.23 -0.10	15.16 -0.23 -0.12	16.03 -0.21 -0.09	16.00 -0.23 -0.08	15.58 -0.25 -0.09	15.86 -0.24 -0.09	16.03 -0.24 -0.11	18.08 -0.20 -0.15	20.95 -0.13 -0.18	21.15 -0.13 -0.29	24.01 -0.07 -0.23	20.45 -0.06 -0.13	19.63 -0.14 -0.09	16.21 -0.08 -0.13

HDSNBRDG_115KV_BRDG_TB1 355580	21.05 -0.13 0.00	19.80 -0.12 0.00	19.18 -0.12 0.00	18.90 -0.11 0.00	18.91 -0.11 0.00	17.95 -0.29 -0.17	18.92 -0.28 -0.32	17.75 -0.32 -0.55	19.63 -0.46 -0.14	18.07 -0.42 -0.14	16.09 -0.40 -0.37	15.32 -0.37 -0.41	16.08 -0.39 -0.33	16.07 -0.37 -0.29	15.68 -0.38 -0.32	15.96 -0.37 -0.32	16.23 -0.34 -0.41	18.25 -0.40 -0.52	21.05 -0.48 -0.64	21.56 -0.44 -1.01	24.23 -0.45 -0.84	20.48 -0.37 -0.47	19.64 -0.35 -0.32	16.34 -0.27 -0.45
HELLGATE_13_KV_LD 55870	22.78 1.61 0.00	21.36 1.43 0.00	20.68 1.39 0.00	20.41 1.39 0.00	20.44 1.41 0.00	20.76 1.16 -1.54	22.93 1.21 -2.83	23.62 1.17 -4.93	22.77 1.54 -1.29	21.14 1.52 -1.26	20.78 1.39 -3.26	20.30 1.33 -3.70	20.50 1.45 -2.91	20.22 1.45 -2.63	20.02 1.43 -2.85	20.24 1.39 -2.83	21.13 1.36 -3.61	24.29 1.56 -4.60	28.28 1.71 -5.67	31.69 1.68 -9.03	32.34 1.86 -6.63	26.05 1.47 -4.21	24.06 1.55 -2.83	21.38 1.20 -4.03
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	22.78 1.61 0.00	21.36 1.43 0.00	20.68 1.39 0.00	20.41 1.39 0.00	20.44 1.41 0.00	20.76 1.16 -1.54	22.93 1.21 -2.83	23.62 1.17 -4.93	22.77 1.54 -1.29	21.14 1.52 -1.26	20.78 1.39 -3.26	20.30 1.33 -3.70	20.50 1.45 -2.91	20.22 1.45 -2.63	20.02 1.43 -2.85	20.24 1.39 -2.83	21.13 1.36 -3.61	24.29 1.56 -4.60	28.28 1.71 -5.67	31.69 1.68 -9.03	32.34 1.86 -6.63	26.05 1.47 -4.21	24.06 1.55 -2.83	21.38 1.20 -4.03
HEMPSTEAD____ 23647	28.16 1.88 -5.10	26.45 1.73 -4.79	23.94 1.68 -2.97	23.03 1.71 -2.30	23.95 1.65 -3.26	24.89 1.43 -5.40	23.53 1.51 -3.13	28.51 1.47 -9.52	27.70 1.81 -5.94	27.00 1.74 -6.91	23.32 1.53 -5.66	22.48 1.57 -5.63	21.88 1.60 -4.14	21.96 1.60 -4.22	22.51 1.62 -5.14	23.23 1.59 -5.63	25.13 1.58 -7.38	30.50 1.78 -10.59	36.08 1.88 -13.30	36.64 1.89 -13.76	40.66 2.10 -14.71	35.79 1.71 -13.70	25.87 1.77 -4.42	25.44 1.36 -7.92
HEWLETT_69_KV_BK3 55828	28.33 2.05 -5.10	26.59 1.87 -4.79	24.08 1.81 -2.97	23.14 1.83 -2.30	24.14 1.85 -3.26	25.07 1.61 -5.40	23.68 1.70 -3.09	28.16 1.65 -8.99	27.34 1.99 -5.41	26.52 1.91 -6.26	23.46 1.68 -5.66	22.47 1.57 -5.63	22.02 1.74 -4.13	22.11 1.74 -4.22	22.58 1.70 -5.14	23.30 1.67 -5.63	25.20 1.66 -7.38	30.61 1.89 -10.59	36.24 2.05 -13.30	36.80 2.06 -13.75	41.02 2.31 -14.86	35.95 1.87 -13.70	26.02 1.93 -4.42	25.58 1.50 -7.92
HICKLING___1 23621	21.47 0.30 0.00	20.22 0.30 0.00	19.60 0.31 0.00	19.32 0.30 0.00	19.31 0.29 0.00	18.49 0.02 -0.41	19.75 0.11 -0.75	18.87 0.05 -1.30	20.12 -0.16 -0.34	18.58 -0.11 -0.33	16.85 -0.15 -0.86	16.16 -0.09 -0.98	16.78 -0.13 -0.77	16.69 -0.15 -0.69	16.37 -0.13 -0.75	16.66 -0.10 -0.75	17.07 -0.05 -0.96	19.24 -0.11 -1.22	22.23 -0.17 -1.50	23.27 -0.10 -2.39	27.92 -0.02 -4.10	21.49 0.00 -1.11	20.42 0.00 -0.75	17.29 0.06 -1.07
HICKLING___2 23622	21.47 0.30 0.00	20.22 0.30 0.00	19.60 0.31 0.00	19.32 0.30 0.00	19.31 0.29 0.00	18.49 0.02 -0.41	19.75 0.11 -0.75	18.87 0.05 -1.30	20.12 -0.16 -0.34	18.58 -0.11 -0.33	16.85 -0.15 -0.86	16.16 -0.09 -0.98	16.78 -0.13 -0.77	16.69 -0.15 -0.69	16.37 -0.13 -0.75	16.66 -0.10 -0.75	17.07 -0.05 -0.96	19.24 -0.11 -1.22	22.23 -0.17 -1.50	23.27 -0.10 -2.39	27.92 -0.02 -4.10	21.49 0.00 -1.11	20.42 0.00 -0.75	17.29 0.06 -1.07
HIGH FALLS___HY 23754	22.93 1.76 0.00	21.64 1.71 0.00	20.91 1.62 0.00	20.71 1.69 0.00	20.74 1.71 0.00	21.18 1.57 -1.54	23.42 1.68 -2.85	24.13 1.66 -4.95	23.17 1.93 -1.30	21.46 1.84 -1.27	20.97 1.56 -3.28	20.47 1.48 -3.72	20.73 1.66 -2.92	20.41 1.63 -2.64	20.10 1.50 -2.86	20.35 1.49 -2.85	21.33 1.54 -3.63	24.61 1.85 -4.62	28.65 2.05 -5.70	32.18 2.12 -9.07	32.96 2.46 -6.67	26.54 1.94 -4.23	24.41 1.89 -2.85	21.77 1.57 -4.05
HILLBURN___GT 23639	22.57 1.40 0.00	21.22 1.29 0.00	20.53 1.24 0.00	20.31 1.29 0.00	20.26 1.24 0.00	20.57 1.07 -1.43	22.67 1.13 -2.64	23.24 1.12 -4.60	22.54 1.40 -1.20	20.89 1.36 -1.18	20.38 1.21 -3.04	19.84 1.11 -3.45	20.12 1.26 -2.71	19.85 1.26 -2.45	19.58 1.18 -2.66	19.81 1.15 -2.64	20.70 1.16 -3.37	23.75 1.32 -4.29	27.65 1.46 -5.29	30.90 1.49 -8.42	31.56 1.67 -6.05	25.63 1.32 -3.93	23.67 1.36 -2.64	21.02 1.10 -3.76
HILLSIDE_115KV_TB1 80332	21.18 0.00 0.00	19.94 0.02 0.00	19.35 0.06 0.00	19.08 0.06 0.00	19.05 0.02 0.00	18.23 -0.25 -0.42	19.50 -0.17 -0.78	18.68 -0.19 -1.35	19.90 -0.40 -0.35	18.37 -0.33 -0.35	16.70 -0.32 -0.90	16.03 -0.26 -1.02	16.62 -0.32 -0.80	16.54 -0.33 -0.72	16.19 -0.33 -0.78	16.48 -0.30 -0.78	16.88 -0.27 -0.99	19.03 -0.36 -1.26	21.98 -0.48 -1.56	23.05 -0.42 -2.48	27.27 -0.41 -3.83	21.21 -0.33 -1.16	20.14 -0.31 -0.78	17.11 -0.16 -1.11
HISHELDN_WT_PWR 323625	20.35 -0.83 0.00	19.11 -0.82 0.00	18.54 -0.75 0.00	18.24 -0.78 0.00	18.25 -0.78 0.00	17.42 -0.94 -0.29	18.56 -0.87 -0.54	17.50 -0.95 -0.93	18.81 -1.38 -0.24	17.44 -1.16 -0.24	15.70 -1.05 -0.62	14.97 -1.01 -0.70	15.63 -1.07 -0.55	15.51 -1.13 -0.50	15.23 -1.05 -0.54	15.51 -1.04 -0.54	15.84 -1.00 -0.68	17.77 -1.23 -0.87	20.49 -1.48 -1.07	21.23 -1.47 -1.71	25.97 -1.55 -3.68	19.91 -1.26 -0.80	18.99 -1.22 -0.54	16.16 -0.76 -0.76
HOLTSVILLE_IC_1 23690	28.41 2.14 -5.10	26.75 2.03 -4.79	24.23 1.97 -2.97	23.35 2.04 -2.30	24.25 1.96 -3.26	25.18 1.72 -5.40	23.90 1.85 -3.15	29.29 1.79 -9.98	28.53 2.17 -6.41	27.89 2.05 -7.48	23.59 1.81 -5.66	22.77 1.86 -5.63	22.12 1.84 -4.14	22.21 1.84 -4.22	22.79 1.90 -5.14	23.46 1.82 -5.63	25.37 1.83 -7.38	30.79 2.07 -10.59	36.41 2.21 -13.30	36.91 2.16 -13.76	40.94 2.38 -14.71	36.11 2.04 -13.70	26.24 2.14 -4.42	25.74 1.66 -7.92
HOLTSVILLE_IC_10 23699	28.50 2.22 -5.10	26.83 2.11 -4.79	24.31 2.04 -2.97	23.41 2.09 -2.30	24.33 2.04 -3.26	25.25 1.79 -5.40	23.97 1.93 -3.15	29.35 1.86 -9.98	28.60 2.25 -6.40	27.95 2.13 -7.47	23.66 1.87 -5.66	22.84 1.94 -5.63	22.18 1.90 -4.14	22.25 1.89 -4.22	22.88 2.00 -5.14	23.56 1.92 -5.63	25.46 1.92 -7.38	30.90 2.17 -10.59	36.54 2.34 -13.30	37.02 2.27 -13.76	41.08 2.53 -14.71	36.23 2.16 -13.70	26.36 2.26 -4.42	25.83 1.75 -7.92
HOLTSVILLE_IC_2 23691	28.41 2.14 -5.10	26.75 2.03 -4.79	24.23 1.97 -2.97	23.35 2.04 -2.30	24.25 1.96 -3.26	25.18 1.72 -5.40	23.90 1.85 -3.15	29.29 1.79 -9.98	28.53 2.17 -6.41	27.89 2.05 -7.48	23.59 1.81 -5.66	22.77 1.86 -5.63	22.12 1.84 -4.14	22.21 1.84 -4.22	22.79 1.90 -5.14	23.46 1.82 -5.63	25.37 1.83 -7.38	30.79 2.07 -10.59	36.41 2.21 -13.30	36.91 2.16 -13.76	40.94 2.38 -14.71	36.11 2.04 -13.70	26.24 2.14 -4.42	25.74 1.66 -7.92
HOLTSVILLE_IC_3 23692	28.41 2.14 -5.10	26.75 2.03 -4.79	24.23 1.97 -2.97	23.35 2.04 -2.30	24.25 1.96 -3.26	25.18 1.72 -5.40	23.90 1.85 -3.15	29.29 1.79 -9.98	28.53 2.17 -6.41	27.89 2.05 -7.48	23.59 1.81 -5.66	22.77 1.86 -5.63	22.12 1.84 -4.14	22.21 1.84 -4.22	22.79 1.90 -5.14	23.46 1.82 -5.63	25.37 1.83 -7.38	30.79 2.07 -10.59	36.41 2.21 -13.30	36.91 2.16 -13.76	40.94 2.38 -14.71	36.11 2.04 -13.70	26.24 2.14 -4.42	25.74 1.66 -7.92

HOLTSVILLE_IC_4 23693	28.41 2.14 -5.10	26.75 2.03 -4.79	24.23 1.97 -2.97	23.35 2.04 -2.30	24.25 1.96 -3.26	25.18 1.72 -5.40	23.90 1.85 -3.15	29.29 1.79 -9.98	28.53 2.17 -6.41	27.89 2.05 -7.48	23.59 1.81 -5.66	22.77 1.86 -5.63	22.12 1.84 -4.14	22.21 1.84 -4.22	22.79 1.90 -5.14	23.46 1.82 -5.63	25.37 1.83 -7.38	30.79 2.07 -10.59	36.41 2.21 -13.30	36.91 2.16 -13.76	40.94 2.38 -14.71	36.11 2.04 -13.70	26.24 2.14 -4.42	25.74 1.66 -7.92
HOLTSVILLE_IC_5 23694	28.41 2.14 -5.10	26.75 2.03 -4.79	24.23 1.97 -2.97	23.35 2.04 -2.30	24.25 1.96 -3.26	25.18 1.72 -5.40	23.90 1.85 -3.15	29.29 1.79 -9.98	28.53 2.17 -6.41	27.89 2.05 -7.48	23.59 1.81 -5.66	22.77 1.86 -5.63	22.12 1.84 -4.14	22.21 1.84 -4.22	22.79 1.90 -5.14	23.46 1.82 -5.63	25.37 1.83 -7.38	30.79 2.07 -10.59	36.41 2.21 -13.30	36.91 2.16 -13.76	40.94 2.38 -14.71	36.11 2.04 -13.70	26.24 2.14 -4.42	25.74 1.66 -7.92
HOLTSVILLE_IC_6 23695	28.50 2.22 -5.10	26.83 2.11 -4.79	24.31 2.04 -2.97	23.41 2.09 -2.30	24.33 2.04 -3.26	25.25 1.79 -5.40	23.97 1.93 -3.15	29.35 1.86 -9.98	28.60 2.25 -6.40	27.95 2.13 -7.47	23.66 1.87 -5.66	22.84 1.94 -5.63	22.18 1.90 -4.14	22.25 1.89 -4.22	22.88 2.00 -5.14	23.56 1.92 -5.63	25.46 1.92 -7.38	30.90 2.17 -10.59	36.54 2.34 -13.30	37.02 2.27 -13.76	41.08 2.53 -14.71	36.23 2.16 -13.70	26.36 2.26 -4.42	25.83 1.75 -7.92
HOLTSVILLE_IC_7 23696	28.50 2.22 -5.10	26.83 2.11 -4.79	24.31 2.04 -2.97	23.41 2.09 -2.30	24.33 2.04 -3.26	25.25 1.79 -5.40	23.97 1.93 -3.15	29.35 1.86 -9.98	28.60 2.25 -6.40	27.95 2.13 -7.47	23.66 1.87 -5.66	22.84 1.94 -5.63	22.18 1.90 -4.14	22.25 1.89 -4.22	22.88 2.00 -5.14	23.56 1.92 -5.63	25.46 1.92 -7.38	30.90 2.17 -10.59	36.54 2.34 -13.30	37.02 2.27 -13.76	41.08 2.53 -14.71	36.23 2.16 -13.70	26.36 2.26 -4.42	25.83 1.75 -7.92
HOLTSVILLE_IC_8 23697	28.50 2.22 -5.10	26.83 2.11 -4.79	24.31 2.04 -2.97	23.41 2.09 -2.30	24.33 2.04 -3.26	25.25 1.79 -5.40	23.97 1.93 -3.15	29.35 1.86 -9.98	28.60 2.25 -6.40	27.95 2.13 -7.47	23.66 1.87 -5.66	22.84 1.94 -5.63	22.18 1.90 -4.14	22.25 1.89 -4.22	22.88 2.00 -5.14	23.56 1.92 -5.63	25.46 1.92 -7.38	30.90 2.17 -10.59	36.54 2.34 -13.30	37.02 2.27 -13.76	41.08 2.53 -14.71	36.23 2.16 -13.70	26.36 2.26 -4.42	25.83 1.75 -7.92
HOLTSVILLE_IC_9 23698	28.50 2.22 -5.10	26.83 2.11 -4.79	24.31 2.04 -2.97	23.41 2.09 -2.30	24.33 2.04 -3.26	25.25 1.79 -5.40	23.97 1.93 -3.15	29.35 1.86 -9.98	28.60 2.25 -6.40	27.95 2.13 -7.47	23.66 1.87 -5.66	22.84 1.94 -5.63	22.18 1.90 -4.14	22.25 1.89 -4.22	22.88 2.00 -5.14	23.56 1.92 -5.63	25.46 1.92 -7.38	30.90 2.17 -10.59	36.54 2.34 -13.30	37.02 2.27 -13.76	41.08 2.53 -14.71	36.23 2.16 -13.70	26.36 2.26 -4.42	25.83 1.75 -7.92
HOMER_HL_115KV_TB2 355744	20.75 -0.42 0.00	19.57 -0.36 0.00	19.00 -0.29 0.00	18.73 -0.29 0.00	18.69 -0.34 0.00	17.32 -1.07 -0.32	18.52 -0.96 -0.59	17.58 -0.96 -1.03	18.85 -1.36 -0.27	17.46 -1.16 -0.26	15.74 -1.06 -0.68	15.13 -0.92 -0.77	15.66 -1.08 -0.60	15.59 -1.10 -0.55	15.28 -1.05 -0.59	15.56 -1.04 -0.59	15.89 -1.02 -0.75	17.88 -1.21 -0.96	20.55 -1.53 -1.18	21.44 -1.43 -1.88	23.62 -1.55 -1.32	19.97 -1.28 -0.88	18.98 -1.28 -0.59	16.13 -0.87 -0.84
HOWARD_WT_PWR 323690	21.39 0.21 0.00	20.08 0.16 0.00	19.49 0.19 0.00	19.19 0.17 0.00	19.18 0.15 0.00	18.31 -0.09 -0.33	19.53 0.02 -0.62	18.52 -0.07 -1.07	19.90 -0.32 -0.28	18.35 -0.27 -0.28	16.53 -0.31 -0.71	15.76 -0.32 -0.81	16.47 -0.31 -0.63	16.36 -0.36 -0.57	16.02 -0.35 -0.62	16.29 -0.34 -0.62	16.67 -0.27 -0.79	18.77 -0.36 -1.00	21.70 -0.44 -1.24	22.58 -0.38 -1.97	27.78 -0.33 -4.27	21.03 -0.27 -0.92	20.05 -0.24 -0.62	17.01 -0.03 -0.88
HQ_GEN_CEDARS 23644	20.90 -0.28 0.00	19.67 -0.26 0.00	19.04 -0.25 0.00	18.68 -0.34 0.00	18.69 -0.34 0.00	17.81 -0.27 -0.01	18.59 -0.32 -0.02	17.29 -0.26 -0.04	19.67 -0.28 -0.01	18.05 -0.31 -0.01	15.86 -0.29 -0.02	15.03 -0.27 -0.03	15.87 -0.29 -0.02	15.87 -0.29 -0.02	15.48 -0.28 -0.02	15.74 -0.29 -0.02	15.88 -0.31 -0.03	17.88 -0.29 -0.03	20.65 -0.29 -0.04	20.72 -0.34 -0.06	23.44 -0.45 -0.05	20.04 -0.37 -0.03	19.30 -0.39 -0.02	15.91 -0.27 -0.03
HQ_GEN_CEDARS_PROXY 323590	20.90 -0.28 0.00	19.66 -0.26 0.00	19.06 -0.23 0.00	18.69 -0.32 0.00	18.69 -0.34 0.00	17.79 -0.27 0.00	18.57 -0.32 0.00	17.25 -0.26 0.00	19.66 -0.28 0.00	18.04 -0.31 0.00	15.84 -0.29 0.00	14.98 -0.29 0.00	15.85 -0.29 0.00	15.87 -0.27 0.00	15.46 -0.28 0.00	15.72 -0.29 0.00	15.84 -0.32 0.00	17.84 -0.29 0.00	20.61 -0.29 0.00	20.65 -0.34 0.00	23.33 -0.45 0.06	20.07 -0.37 -0.06	19.28 -0.39 0.00	15.89 -0.27 0.00
HQ_GEN_IMPORT 323601	20.92 -0.25 0.00	19.71 -0.22 0.00	19.08 -0.21 0.00	18.77 -0.25 0.00	18.78 -0.25 0.00	17.85 -0.22 0.00	18.64 -0.25 0.00	17.31 -0.21 0.00	19.72 -0.22 0.00	18.13 -0.22 0.00	15.95 -0.18 0.00	15.11 -0.17 0.00	15.95 -0.19 0.00	15.95 -0.19 0.00	15.57 -0.17 0.00	15.82 -0.19 0.00	15.95 -0.21 0.00	17.92 -0.22 0.00	20.65 -0.25 0.00	20.74 -0.25 0.00	23.45 -0.33 0.06	20.17 -0.27 -0.06	19.40 -0.28 0.00	15.95 -0.21 0.00
HQ_GEN_WHEEL 23651	20.92 -0.25 0.00	19.71 -0.22 0.00	19.08 -0.21 0.00	18.77 -0.25 0.00	18.78 -0.25 0.00	17.85 -0.22 0.00	18.64 -0.25 0.00	17.31 -0.21 0.00	19.72 -0.22 0.00	18.13 -0.22 0.00	15.95 -0.18 0.00	15.11 -0.17 0.00	15.95 -0.19 0.00	15.95 -0.19 0.00	15.57 -0.17 0.00	15.82 -0.19 0.00	15.95 -0.21 0.00	17.92 -0.22 0.00	20.65 -0.25 0.00	20.74 -0.25 0.00	23.45 -0.33 0.06	20.17 -0.27 -0.06	19.40 -0.28 0.00	15.95 -0.21 0.00
HUDSON_AVE_GT_3 23810	22.78 1.61 0.00	21.38 1.45 0.00	20.72 1.43 0.00	20.48 1.46 0.00	20.41 1.39 0.00	20.77 1.17 -1.54	22.97 1.25 -2.83	23.69 1.24 -4.92	22.80 1.58 -1.29	21.19 1.58 -1.26	20.79 1.40 -3.26	20.36 1.39 -3.70	20.52 1.47 -2.90	20.24 1.47 -2.62	20.04 1.45 -2.85	20.23 1.39 -2.83	21.18 1.41 -3.61	24.33 1.60 -4.60	28.30 1.73 -5.67	31.73 1.72 -9.02	32.23 1.91 -6.48	26.09 1.51 -4.20	24.10 1.59 -2.83	21.40 1.21 -4.02
HUDSON_AVE_GT_4 23540	22.78 1.61 0.00	21.38 1.45 0.00	20.72 1.43 0.00	20.48 1.46 0.00	20.41 1.39 0.00	20.77 1.17 -1.54	22.97 1.25 -2.83	23.69 1.24 -4.92	22.80 1.58 -1.29	21.19 1.58 -1.26	20.79 1.40 -3.26	20.36 1.39 -3.70	20.52 1.47 -2.90	20.24 1.47 -2.62	20.04 1.45 -2.85	20.23 1.39 -2.83	21.18 1.41 -3.61	24.33 1.60 -4.60	28.30 1.73 -5.67	31.73 1.72 -9.02	32.23 1.91 -6.48	26.09 1.51 -4.20	24.10 1.59 -2.83	21.40 1.21 -4.02
HUDSON_AVE_GT_5 23657	22.78 1.61 0.00	21.38 1.45 0.00	20.72 1.43 0.00	20.48 1.46 0.00	20.41 1.39 0.00	20.77 1.17 -1.54	22.97 1.25 -2.83	23.69 1.24 -4.92	22.80 1.58 -1.29	21.19 1.58 -1.26	20.79 1.40 -3.26	20.36 1.39 -3.70	20.52 1.47 -2.90	20.24 1.47 -2.62	20.04 1.45 -2.85	20.23 1.39 -2.83	21.18 1.41 -3.61	24.33 1.60 -4.60	28.30 1.73 -5.67	31.73 1.72 -9.02	32.23 1.91 -6.48	26.09 1.51 -4.20	24.10 1.59 -2.83	21.40 1.21 -4.02

HUDSON_AVE_10 24168	22.64 1.46 0.00	21.22 1.30 0.00	20.55 1.25 0.00	20.28 1.27 0.02	20.31 1.29 0.02	20.70 1.10 -1.54	22.91 1.19 -2.83	23.63 1.19 -4.92	22.77 1.54 -1.29	21.14 1.52 -1.26	20.74 1.35 -3.26	20.25 1.28 -3.70	20.47 1.42 -2.90	20.19 1.42 -2.62	19.97 1.39 -2.85	20.19 1.34 -2.83	21.10 1.33 -3.61	24.25 1.52 -4.60	28.24 1.67 -5.67	31.67 1.66 -9.02	32.31 1.84 -6.63	26.01 1.43 -4.20	24.04 1.53 -2.83	21.33 1.15 -4.02
HUDSON___115KV_TB 4 355613	21.81 0.64 0.00	20.58 0.66 0.00	19.95 0.66 0.00	19.70 0.68 0.00	19.79 0.76 0.00	20.65 0.54 -2.04	23.25 0.60 -3.76	24.58 0.53 -6.54	22.33 0.68 -1.71	20.64 0.61 -1.68	20.94 0.48 -4.33	20.61 0.43 -4.91	20.47 0.47 -3.86	20.08 0.45 -3.49	19.95 0.43 -3.78	20.24 0.46 -3.76	21.49 0.53 -4.80	24.84 0.60 -6.11	29.14 0.71 -7.53	33.70 0.73 -11.98	33.46 0.88 -8.73	26.74 0.77 -5.58	24.12 0.69 -3.76	21.97 0.47 -5.34
HUNTER MOUNT___DRP 323613	21.75 0.57 0.00	20.58 0.66 0.00	19.91 0.62 0.00	19.70 0.68 0.00	19.79 0.76 0.00	20.54 0.54 -1.93	23.06 0.60 -3.56	24.23 0.51 -6.20	22.20 0.64 -1.62	20.51 0.57 -1.59	20.65 0.42 -4.10	20.28 0.35 -4.65	20.19 0.39 -3.66	19.82 0.37 -3.30	19.70 0.38 -3.58	19.99 0.42 -3.57	21.22 0.52 -4.55	24.52 0.60 -5.79	28.72 0.69 -7.13	33.08 0.73 -11.36	33.04 0.91 -8.29	26.47 0.79 -5.29	23.94 0.71 -3.56	21.68 0.45 -5.07
HUNTINGTON_RES_REC 323705	28.41 2.14 -5.10	26.71 1.99 -4.79	24.19 1.93 -2.97	23.29 1.98 -2.30	24.21 1.92 -3.26	25.14 1.68 -5.40	23.82 1.78 -3.15	29.22 1.73 -9.97	28.43 2.09 -6.40	27.82 2.00 -7.47	23.55 1.76 -5.66	22.73 1.83 -5.63	22.09 1.81 -4.14	22.17 1.81 -4.22	22.76 1.87 -5.14	23.46 1.82 -5.63	25.37 1.83 -7.38	30.81 2.08 -10.59	36.45 2.26 -13.30	36.95 2.20 -13.76	41.01 2.46 -14.71	36.15 2.08 -13.70	26.24 2.14 -4.42	25.71 1.63 -7.92
HUNTLEY___63 23557	19.78 -1.40 0.00	18.69 -1.24 0.00	18.12 -1.18 0.00	17.86 -1.16 0.00	17.83 -1.20 0.00	17.10 -1.23 -0.26	18.19 -1.19 -0.49	17.09 -1.28 -0.85	18.37 -1.79 -0.22	17.06 -1.50 -0.22	15.33 -1.35 -0.56	14.73 -1.16 -0.62	15.26 -1.37 -0.48	15.19 -1.39 -0.44	14.86 -1.35 -0.47	15.12 -1.36 -0.47	15.46 -1.31 -0.61	17.35 -1.58 -0.79	19.93 -1.94 -0.97	20.63 -1.91 -1.55	21.25 -2.03 0.57	19.43 -1.67 -0.72	18.55 -1.61 -0.49	15.83 -1.02 -0.69
HUNTLEY___64 23558	19.78 -1.40 0.00	18.69 -1.24 0.00	18.12 -1.18 0.00	17.86 -1.16 0.00	17.83 -1.20 0.00	17.10 -1.23 -0.26	18.19 -1.19 -0.49	17.09 -1.28 -0.85	18.37 -1.79 -0.22	17.06 -1.50 -0.22	15.33 -1.35 -0.56	14.73 -1.16 -0.62	15.26 -1.37 -0.48	15.19 -1.39 -0.44	14.86 -1.35 -0.47	15.12 -1.36 -0.47	15.46 -1.31 -0.61	17.35 -1.58 -0.79	19.93 -1.94 -0.97	20.63 -1.91 -1.55	21.25 -2.03 0.57	19.43 -1.67 -0.72	18.55 -1.61 -0.49	15.83 -1.02 -0.69
HUNTLEY___65 23559	19.78 -1.40 0.00	18.69 -1.24 0.00	18.12 -1.18 0.00	17.86 -1.16 0.00	17.83 -1.20 0.00	17.10 -1.23 -0.26	18.19 -1.19 -0.49	17.09 -1.28 -0.85	18.37 -1.79 -0.22	17.06 -1.50 -0.22	15.33 -1.35 -0.56	14.73 -1.16 -0.62	15.26 -1.37 -0.48	15.19 -1.39 -0.44	14.86 -1.35 -0.47	15.12 -1.36 -0.47	15.46 -1.31 -0.61	17.35 -1.58 -0.79	19.93 -1.94 -0.97	20.63 -1.91 -1.55	21.25 -2.03 0.57	19.43 -1.67 -0.72	18.55 -1.61 -0.49	15.83 -1.02 -0.69
HUNTLEY___66 23560	19.78 -1.40 0.00	18.69 -1.24 0.00	18.12 -1.18 0.00	17.86 -1.16 0.00	17.83 -1.20 0.00	17.10 -1.23 -0.26	18.19 -1.19 -0.49	17.09 -1.28 -0.85	18.37 -1.79 -0.22	17.06 -1.50 -0.22	15.33 -1.35 -0.56	14.73 -1.16 -0.62	15.26 -1.37 -0.48	15.19 -1.39 -0.44	14.86 -1.35 -0.47	15.12 -1.36 -0.47	15.46 -1.31 -0.61	17.35 -1.58 -0.79	19.93 -1.94 -0.97	20.63 -1.91 -1.55	21.25 -2.03 0.57	19.43 -1.67 -0.72	18.55 -1.61 -0.49	15.83 -1.02 -0.69
HUNTLEY___67 23561	19.82 -1.36 0.00	18.73 -1.20 0.00	18.15 -1.14 0.00	17.88 -1.14 0.00	17.83 -1.20 0.00	17.11 -1.23 -0.27	18.20 -1.19 -0.50	17.12 -1.26 -0.87	18.39 -1.77 -0.23	17.09 -1.49 -0.22	15.36 -1.34 -0.57	14.78 -1.15 -0.65	15.30 -1.36 -0.51	15.25 -1.36 -0.46	14.92 -1.32 -0.50	15.20 -1.31 -0.50	15.52 -1.28 -0.63	17.40 -1.54 -0.81	19.99 -1.90 -1.00	20.69 -1.89 -1.59	21.34 -2.05 0.46	19.47 -1.65 -0.74	18.58 -1.59 -0.50	15.85 -1.02 -0.71
HUNTLEY___68 23562	19.82 -1.36 0.00	18.73 -1.20 0.00	18.15 -1.14 0.00	17.88 -1.14 0.00	17.83 -1.20 0.00	17.11 -1.23 -0.27	18.20 -1.19 -0.50	17.12 -1.26 -0.87	18.39 -1.77 -0.23	17.09 -1.49 -0.22	15.36 -1.34 -0.57	14.78 -1.15 -0.65	15.30 -1.36 -0.51	15.25 -1.36 -0.46	14.92 -1.32 -0.50	15.20 -1.31 -0.50	15.52 -1.28 -0.63	17.40 -1.54 -0.81	19.99 -1.90 -1.00	20.69 -1.89 -1.59	21.34 -2.05 0.46	19.47 -1.65 -0.74	18.58 -1.59 -0.50	15.85 -1.02 -0.71
HYLAND___LFGE 323620	21.47 0.30 0.00	20.16 0.24 0.00	19.50 0.21 0.00	19.19 0.17 0.00	19.20 0.17 0.00	18.48 0.13 -0.28	19.64 0.23 -0.52	18.53 0.11 -0.91	19.94 -0.24 -0.24	18.35 -0.24 -0.23	16.32 -0.40 -0.60	15.70 -0.26 -0.68	16.24 -0.44 -0.53	16.09 -0.53 -0.48	15.94 -0.33 -0.52	16.20 -0.34 -0.52	16.55 -0.27 -0.67	18.74 -0.24 -0.85	21.82 -0.12 -1.04	22.63 -0.02 -1.66	26.17 0.19 -2.14	21.40 0.25 -0.77	20.45 0.26 -0.52	17.11 0.21 -0.74
INDECK___CORINTH 23802	22.09 0.91 0.00	20.76 0.84 0.00	20.10 0.81 0.00	19.82 0.80 0.00	19.86 0.84 0.00	20.97 0.67 -2.23	23.77 0.76 -4.12	25.37 0.68 -7.17	22.63 0.82 -1.87	20.92 0.73 -1.84	21.47 0.60 -4.74	21.26 0.61 -5.38	20.88 0.52 -4.23	20.48 0.52 -3.82	20.37 0.49 -4.14	20.68 0.54 -4.12	22.03 0.61 -5.25	25.57 0.74 -6.69	30.04 0.90 -8.24	35.06 0.95 -13.12	34.43 1.17 -9.42	27.51 1.02 -6.12	24.72 0.92 -4.12	22.64 0.63 -5.85
INDECK___ILION 23567	21.45 0.28 0.00	20.18 0.26 0.00	19.54 0.25 0.00	19.27 0.25 0.00	19.28 0.25 0.00	18.25 0.18 -0.01	19.09 0.19 -0.01	17.70 0.16 -0.02	20.13 0.18 -0.01	18.51 0.15 -0.01	16.27 0.13 -0.02	15.40 0.11 -0.02	16.29 0.13 -0.01	16.27 0.11 -0.01	15.84 0.08 -0.01	16.12 0.10 -0.01	16.28 0.10 -0.02	18.26 0.11 -0.02	21.05 0.13 -0.03	21.16 0.13 -0.05	24.04 0.17 -0.03	20.54 0.14 -0.02	19.82 0.14 -0.01	16.33 0.15 -0.02
INDECK___OLEAN 23982	20.90 -0.28 0.00	19.57 -0.36 0.00	19.04 -0.25 0.00	18.73 -0.28 0.00	18.70 -0.32 0.00	17.31 -1.07 -0.31	18.49 -0.96 -0.57	17.54 -0.96 -0.98	18.84 -1.36 -0.26	17.45 -1.16 -0.25	15.71 -1.06 -0.65	15.02 -0.99 -0.74	15.64 -1.08 -0.58	15.52 -1.15 -0.52	15.26 -1.05 -0.57	15.54 -1.04 -0.57	15.88 -1.00 -0.72	17.84 -1.21 -0.92	20.51 -1.52 -1.13	21.37 -1.43 -1.80	23.59 -1.55 -1.30	19.93 -1.28 -0.84	18.96 -1.28 -0.57	16.09 -0.87 -0.80
INDECK___OSWEGO 23783	20.79 -0.38 0.00	19.57 -0.36 0.00	18.95 -0.35 0.00	18.68 -0.34 0.00	18.72 -0.31 0.00	17.69 -0.52 -0.15	18.62 -0.55 -0.28	17.44 -0.56 -0.48	19.33 -0.74 -0.13	17.78 -0.70 -0.12	15.80 -0.65 -0.32	15.02 -0.61 -0.36	15.80 -0.63 -0.28	15.77 -0.63 -0.26	15.41 -0.61 -0.28	15.68 -0.61 -0.28	15.92 -0.60 -0.35	17.89 -0.69 -0.45	20.68 -0.77 -0.55	21.12 -0.75 -0.88	23.69 -0.79 -0.63	20.14 -0.65 -0.41	19.32 -0.63 -0.28	16.04 -0.52 -0.39



INDECK___YERKES 23781	19.88 -1.29 0.00	18.67 -1.25 0.00	18.11 -1.18 0.00	17.82 -1.20 0.00	17.83 -1.20 0.00	17.11 -1.21 -0.26	18.20 -1.17 -0.48	17.09 -1.26 -0.83	18.38 -1.77 -0.22	17.08 -1.49 -0.21	15.32 -1.35 -0.55	14.60 -1.28 -0.61	15.25 -1.37 -0.48	15.12 -1.45 -0.43	14.86 -1.35 -0.47	15.13 -1.34 -0.47	15.46 -1.29 -0.60	17.31 -1.60 -0.78	19.93 -1.92 -0.96	20.60 -1.91 -1.52	21.30 -2.00 0.54	19.42 -1.67 -0.71	18.56 -1.59 -0.48	15.84 -1.00 -0.68
INDIAN POINT_GT_1 24139	22.53 1.36 0.00	21.18 1.26 0.00	20.51 1.22 0.00	20.27 1.25 0.00	20.23 1.20 0.00	20.61 1.03 -1.51	22.77 1.10 -2.78	23.45 1.09 -4.84	22.57 1.36 -1.27	20.92 1.32 -1.24	20.50 1.16 -3.21	20.04 1.13 -3.64	20.23 1.23 -2.86	19.94 1.21 -2.58	19.74 1.20 -2.80	19.96 1.17 -2.79	20.88 1.16 -3.55	24.00 1.34 -4.52	27.98 1.51 -5.57	31.37 1.51 -8.87	31.88 1.67 -6.37	25.86 1.34 -4.14	23.83 1.38 -2.78	21.17 1.05 -3.96
INDIAN POINT_GT_2 23659	22.53 1.36 0.00	21.18 1.26 0.00	20.51 1.22 0.00	20.27 1.25 0.00	20.23 1.20 0.00	20.61 1.03 -1.51	22.77 1.10 -2.78	23.45 1.09 -4.84	22.57 1.36 -1.27	20.92 1.32 -1.24	20.50 1.16 -3.21	20.04 1.13 -3.64	20.23 1.23 -2.86	19.94 1.21 -2.58	19.74 1.20 -2.80	19.96 1.17 -2.79	20.88 1.16 -3.55	24.00 1.34 -4.52	27.98 1.51 -5.57	31.37 1.51 -8.87	31.88 1.67 -6.37	25.86 1.34 -4.14	23.83 1.38 -2.78	21.17 1.05 -3.96
INDIAN POINT_GT_3 24019	22.53 1.36 0.00	21.18 1.26 0.00	20.51 1.22 0.00	20.27 1.25 0.00	20.23 1.20 0.00	20.61 1.03 -1.51	22.77 1.10 -2.78	23.45 1.09 -4.84	22.57 1.36 -1.27	20.92 1.32 -1.24	20.50 1.16 -3.21	20.04 1.13 -3.64	20.23 1.23 -2.86	19.94 1.21 -2.58	19.74 1.20 -2.80	19.96 1.17 -2.79	20.88 1.16 -3.55	24.00 1.34 -4.52	27.98 1.51 -5.57	31.37 1.51 -8.87	31.88 1.67 -6.37	25.86 1.34 -4.14	23.83 1.38 -2.78	21.17 1.05 -3.96
INDIAN POINT___2 23530	22.53 1.36 0.00	21.18 1.26 0.00	20.51 1.22 0.00	20.27 1.25 0.00	20.23 1.20 0.00	20.58 1.03 -1.48	22.72 1.10 -2.73	23.36 1.09 -4.76	22.54 1.36 -1.24	20.89 1.32 -1.22	20.45 1.18 -3.15	19.99 1.15 -3.57	20.17 1.23 -2.80	19.90 1.23 -2.53	19.69 1.20 -2.75	19.91 1.17 -2.73	20.81 1.16 -3.49	23.91 1.34 -4.44	27.85 1.48 -5.47	31.21 1.51 -8.71	31.77 1.67 -6.25	25.78 1.34 -4.06	23.78 1.38 -2.73	21.11 1.07 -3.88
INDIAN POINT___3 23531	22.47 1.29 0.00	21.10 1.18 0.00	20.43 1.14 0.00	20.18 1.16 0.00	20.23 1.20 0.00	20.61 1.03 -1.51	22.76 1.08 -2.79	23.44 1.07 -4.85	22.55 1.34 -1.27	20.92 1.32 -1.24	20.50 1.16 -3.21	20.02 1.10 -3.64	20.21 1.21 -2.86	19.95 1.23 -2.58	19.73 1.18 -2.80	19.97 1.17 -2.79	20.87 1.15 -3.56	23.98 1.32 -4.53	27.96 1.48 -5.58	31.36 1.49 -8.88	32.04 1.67 -6.53	25.86 1.34 -4.14	23.84 1.38 -2.79	21.17 1.05 -3.96
INGHAM_C_115KV_TB7 356103	21.68 0.51 0.00	20.40 0.48 0.00	19.76 0.46 0.00	19.47 0.46 0.00	19.47 0.44 0.00	18.45 0.38 -0.01	19.28 0.38 -0.01	17.89 0.35 -0.02	20.33 0.38 -0.01	18.69 0.33 -0.01	16.43 0.29 -0.02	15.54 0.24 -0.02	16.42 0.26 -0.01	16.41 0.26 -0.01	15.95 0.19 -0.01	16.22 0.19 -0.01	16.36 0.18 -0.02	18.36 0.20 -0.02	21.16 0.23 -0.03	21.27 0.23 -0.05	24.16 0.29 -0.03	20.64 0.24 -0.02	19.94 0.26 -0.01	16.46 0.27 -0.02
IP CORINTH___1 23988	22.04 0.87 0.00	20.72 0.80 0.00	20.06 0.77 0.00	19.78 0.76 0.00	19.87 0.84 0.00	20.96 0.67 -2.22	23.75 0.76 -4.10	25.33 0.68 -7.13	22.63 0.82 -1.87	20.92 0.73 -1.83	21.45 0.60 -4.72	21.16 0.53 -5.35	20.87 0.52 -4.21	20.46 0.52 -3.80	20.35 0.49 -4.12	20.66 0.54 -4.10	22.01 0.61 -5.23	25.53 0.74 -6.66	30.01 0.90 -8.21	35.00 0.94 -13.06	34.51 1.17 -9.50	27.49 1.02 -6.09	24.70 0.92 -4.10	22.62 0.63 -5.83
IP___TICONDEROGA 23804	22.98 1.80 0.00	21.58 1.65 0.00	20.91 1.62 0.00	20.58 1.56 0.00	20.72 1.69 0.00	21.69 1.41 -2.22	24.59 1.61 -4.09	26.09 1.45 -7.12	23.48 1.68 -1.86	21.68 1.50 -1.83	22.05 1.21 -4.71	21.72 1.10 -5.34	21.33 0.98 -4.20	20.89 0.95 -3.79	20.73 0.87 -4.12	21.07 0.96 -4.09	22.47 1.08 -5.22	26.09 1.31 -6.65	30.66 1.57 -8.19	35.69 1.66 -13.04	35.52 2.19 -9.48	28.35 1.90 -6.08	25.52 1.75 -4.09	23.27 1.29 -5.82
ISLIP_RES_REC 323679	28.56 2.29 -5.10	26.89 2.17 -4.79	24.37 2.10 -2.97	23.46 2.15 -2.30	24.38 2.09 -3.26	25.31 1.84 -5.40	24.01 1.96 -3.15	29.40 1.91 -9.97	28.65 2.31 -6.40	28.00 2.18 -7.46	23.71 1.92 -5.66	22.90 2.00 -5.63	22.22 1.94 -4.14	22.29 1.92 -4.22	22.93 2.05 -5.14	23.61 1.97 -5.63	25.51 1.97 -7.38	30.97 2.25 -10.59	36.62 2.42 -13.30	37.10 2.35 -13.76	41.18 2.62 -14.71	36.32 2.24 -13.70	26.42 2.32 -4.42	25.87 1.79 -7.92
JAMAICA___27_KV_LOAD 355505	22.59 1.42 0.00	21.18 1.26 0.00	20.51 1.22 0.00	20.24 1.24 0.02	20.27 1.26 0.02	20.68 1.08 -1.54	22.93 1.21 -2.83	23.67 1.23 -4.92	22.82 1.60 -1.29	21.19 1.58 -1.26	20.72 1.34 -3.26	20.25 1.28 -3.70	20.47 1.42 -2.90	20.19 1.42 -2.62	20.01 1.42 -2.85	20.22 1.38 -2.83	21.11 1.34 -3.61	24.29 1.56 -4.60	28.30 1.73 -5.67	31.71 1.70 -9.02	32.36 1.88 -6.63	26.01 1.43 -4.20	24.08 1.57 -2.83	21.35 1.16 -4.02
JANIS___SOLAR 323808	22.17 1.00 0.00	20.86 0.94 0.00	20.18 0.89 0.00	19.93 0.91 0.00	19.92 0.89 0.00	19.18 0.70 -0.41	20.37 0.72 -0.76	19.45 0.61 -1.32	20.77 0.48 -0.35	18.97 0.28 -0.34	17.13 0.13 -0.87	16.33 0.06 -0.99	17.02 0.10 -0.78	16.93 0.08 -0.70	16.60 0.10 -0.76	16.96 0.19 -0.76	17.39 0.26 -0.97	19.75 0.38 -1.23	23.00 0.58 -1.52	24.08 0.67 -2.42	27.92 0.91 -3.17	22.28 0.77 -1.13	21.14 0.71 -0.76	17.85 0.61 -1.08
JARVIS____ 23743	21.22 0.04 0.00	19.96 0.04 0.00	19.33 0.04 0.00	19.08 0.06 0.00	19.09 0.06 0.00	18.07 0.00 0.00	18.89 0.00 0.00	17.52 0.00 0.00	19.92 -0.02 0.00	18.33 -0.02 0.00	16.11 -0.02 0.00	15.26 -0.02 0.00	16.13 -0.02 0.00	16.13 -0.02 0.00	15.73 -0.02 0.00	15.99 -0.02 0.00	16.16 0.00 0.00	18.13 0.00 0.00	20.90 0.00 0.00	20.99 0.00 0.00	23.84 0.00 0.00	20.38 0.00 0.00	19.67 0.00 0.00	16.16 0.00 0.00
JENNISON___1 23625	22.26 1.08 0.00	20.94 1.02 0.00	20.26 0.96 0.00	20.03 1.01 0.00	20.02 0.99 0.00	19.43 0.79 -0.57	20.73 0.79 -1.04	20.09 0.75 -1.82	21.09 0.68 -0.48	19.35 0.53 -0.47	17.72 0.39 -1.20	17.00 0.37 -1.36	17.62 0.40 -1.07	17.55 0.44 -0.97	17.19 0.39 -1.05	17.50 0.45 -1.04	17.98 0.48 -1.33	20.45 0.62 -1.70	23.78 0.79 -2.09	25.14 0.82 -3.33	28.12 1.05 -3.22	22.82 0.90 -1.55	21.52 0.81 -1.04	18.36 0.71 -1.48
JENNISON___2 23626	22.26 1.08 0.00	20.94 1.02 0.00	20.26 0.96 0.00	20.03 1.01 0.00	20.02 0.99 0.00	19.43 0.79 -0.57	20.73 0.79 -1.04	20.09 0.75 -1.82	21.09 0.68 -0.48	19.35 0.53 -0.47	17.72 0.39 -1.20	17.00 0.37 -1.36	17.62 0.40 -1.07	17.55 0.44 -0.97	17.19 0.39 -1.05	17.50 0.45 -1.04	17.98 0.48 -1.33	20.45 0.62 -1.70	23.78 0.79 -2.09	25.14 0.82 -3.33	28.12 1.05 -3.22	22.82 0.90 -1.55	21.52 0.81 -1.04	18.36 0.71 -1.48

JERICO_RISE_WT_PWR 323719	21.34 0.17 0.00	20.04 0.12 0.00	19.35 0.06 0.00	18.89 -0.13 0.00	18.84 -0.19 0.00	17.94 -0.13 0.00	18.76 -0.13 0.00	17.52 0.00 0.00	20.00 0.06 0.00	18.39 0.04 0.00	16.13 0.00 0.00	15.29 0.02 0.00	16.09 -0.05 0.00	16.05 -0.10 0.00	15.65 -0.09 0.00	15.88 -0.13 0.00	16.01 -0.15 0.00	18.06 -0.07 0.00	20.88 -0.02 0.00	20.86 -0.13 0.00	23.53 -0.31 0.00	20.05 -0.33 0.00	19.32 -0.35 0.00	15.84 -0.32 0.00
KATONAH__115KV_46KV_TB4 355592	22.62 1.44 0.00	21.22 1.30 0.00	20.55 1.25 0.00	20.29 1.27 0.00	20.32 1.29 0.00	20.75 1.12 -1.56	22.94 1.17 -2.88	23.69 1.16 -5.01	22.71 1.46 -1.31	21.05 1.41 -1.29	20.67 1.23 -3.32	20.18 1.15 -3.76	20.37 1.28 -2.96	20.09 1.28 -2.67	19.88 1.24 -2.90	20.11 1.22 -2.88	21.05 1.21 -3.68	24.24 1.43 -4.68	28.23 1.57 -5.77	31.74 1.57 -9.18	32.35 1.76 -6.74	26.08 1.43 -4.28	23.99 1.44 -2.88	21.35 1.10 -4.09
KCE_NY_1 323755	22.25 1.08 0.00	20.92 1.00 0.00	20.28 0.98 0.00	19.99 0.97 0.00	20.04 1.01 0.00	21.12 0.83 -2.23	23.90 0.91 -4.10	25.46 0.81 -7.14	22.77 0.96 -1.87	21.05 0.86 -1.83	21.58 0.73 -4.72	21.35 0.72 -5.36	21.03 0.68 -4.21	20.61 0.66 -3.80	20.51 0.65 -4.13	20.82 0.70 -4.10	22.14 0.74 -5.23	25.67 0.87 -6.66	30.14 1.02 -8.21	35.11 1.05 -13.07	34.49 1.26 -9.39	27.57 1.10 -6.09	24.82 1.04 -4.10	22.74 0.74 -5.83
KCE_NY_6_ESR 323823	20.22 -0.95 0.00	18.99 -0.94 0.00	18.42 -0.87 0.00	18.12 -0.89 0.00	18.13 -0.89 0.00	17.24 -1.10 -0.27	18.36 -1.04 -0.51	17.27 -1.12 -0.88	18.58 -1.60 -0.23	17.24 -1.34 -0.23	15.50 -1.21 -0.58	14.79 -1.15 -0.66	15.43 -1.23 -0.52	15.30 -1.31 -0.47	15.04 -1.21 -0.51	15.31 -1.20 -0.50	15.64 -1.16 -0.64	17.54 -1.41 -0.82	20.18 -1.73 -1.01	20.90 -1.70 -1.61	21.70 -1.84 0.31	19.64 -1.49 -0.75	18.74 -1.44 -0.51	15.97 -0.90 -0.72
KEDC_PORT_JEFF_GT2 24210	28.48 2.20 -5.10	26.81 2.09 -4.79	24.29 2.03 -2.97	23.39 2.07 -2.30	24.31 2.02 -3.26	25.23 1.77 -5.40	23.95 1.91 -3.15	29.33 1.84 -9.98	28.58 2.23 -6.41	27.93 2.11 -7.47	23.64 1.85 -5.66	22.81 1.91 -5.63	22.17 1.89 -4.14	22.25 1.89 -4.22	22.85 1.97 -5.14	23.53 1.89 -5.63	25.43 1.89 -7.38	30.86 2.14 -10.59	36.50 2.30 -13.30	36.93 2.18 -13.76	40.99 2.43 -14.71	36.19 2.12 -13.70	26.32 2.22 -4.42	25.81 1.73 -7.92
KEDC_PORT_JEFF_GT3 24211	28.48 2.20 -5.10	26.81 2.09 -4.79	24.29 2.03 -2.97	23.39 2.07 -2.30	24.31 2.02 -3.26	25.23 1.77 -5.40	23.95 1.91 -3.15	29.33 1.84 -9.98	28.58 2.23 -6.41	27.93 2.11 -7.47	23.64 1.85 -5.66	22.81 1.91 -5.63	22.17 1.89 -4.14	22.25 1.89 -4.22	22.85 1.97 -5.14	23.53 1.89 -5.63	25.43 1.89 -7.38	30.86 2.14 -10.59	36.50 2.30 -13.30	36.93 2.18 -13.76	40.99 2.43 -14.71	36.19 2.12 -13.70	26.32 2.22 -4.42	25.81 1.73 -7.92
KEDC_GLWD_GT4 24219	28.14 1.86 -5.10	26.43 1.71 -4.79	23.92 1.66 -2.97	23.01 1.69 -2.30	23.93 1.64 -3.26	24.87 1.41 -5.40	23.48 1.47 -3.11	28.26 1.45 -9.29	27.42 1.72 -5.70	26.70 1.72 -6.62	23.34 1.55 -5.66	22.44 1.54 -5.63	21.88 1.60 -4.14	21.96 1.60 -4.22	22.47 1.59 -5.14	23.21 1.57 -5.63	25.11 1.57 -7.38	30.50 1.78 -10.59	36.01 1.82 -13.30	36.57 1.83 -13.76	40.58 2.03 -14.71	35.73 1.65 -13.70	25.85 1.75 -4.42	25.42 1.34 -7.92
KEDC_GLWD_GT5 24220	28.14 1.86 -5.10	26.43 1.71 -4.79	23.92 1.66 -2.97	23.01 1.69 -2.30	23.93 1.64 -3.26	24.87 1.41 -5.40	23.48 1.47 -3.11	28.26 1.45 -9.29	27.42 1.72 -5.70	26.70 1.72 -6.62	23.34 1.55 -5.66	22.44 1.54 -5.63	21.88 1.60 -4.14	21.96 1.60 -4.22	22.47 1.59 -5.14	23.21 1.57 -5.63	25.11 1.57 -7.38	30.50 1.78 -10.59	36.01 1.82 -13.30	36.57 1.83 -13.76	40.58 2.03 -14.71	35.73 1.65 -13.70	25.85 1.75 -4.42	25.42 1.34 -7.92
KENSICO____ 23655	22.51 1.33 0.00	21.14 1.22 0.00	20.47 1.18 0.00	20.22 1.20 0.00	20.27 1.24 0.00	20.66 1.07 -1.53	22.82 1.11 -2.82	23.53 1.10 -4.90	22.62 1.40 -1.28	20.97 1.36 -1.26	20.58 1.21 -3.25	20.10 1.15 -3.68	20.29 1.26 -2.89	20.03 1.28 -2.61	19.81 1.23 -2.84	20.03 1.20 -2.82	20.95 1.20 -3.60	24.07 1.36 -4.58	28.09 1.55 -5.64	31.52 1.55 -8.98	32.19 1.74 -6.60	25.97 1.41 -4.19	23.93 1.44 -2.82	21.27 1.10 -4.01
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	22.83 1.65 0.00	21.54 1.61 0.00	20.82 1.52 0.00	20.62 1.60 0.00	20.65 1.62 0.00	21.01 1.48 -1.46	23.15 1.57 -2.70	23.75 1.54 -4.69	22.98 1.81 -1.23	21.26 1.71 -1.20	20.68 1.45 -3.10	20.17 1.37 -3.52	20.46 1.55 -2.77	20.16 1.52 -2.50	19.84 1.39 -2.71	20.10 1.39 -2.70	21.02 1.42 -3.44	24.21 1.70 -4.38	28.20 1.90 -5.40	31.55 1.97 -8.59	32.46 2.29 -6.32	26.19 1.81 -4.00	24.14 1.77 -2.70	21.45 1.45 -3.83
KIAC_JFK_GT1 23816	22.53 1.36 0.00	21.16 1.24 0.00	20.49 1.20 0.00	20.24 1.24 0.02	20.19 1.18 0.02	20.59 0.99 -1.54	22.83 1.11 -2.83	23.60 1.16 -4.92	22.73 1.50 -1.29	21.10 1.49 -1.26	20.65 1.26 -3.26	20.24 1.27 -3.70	20.39 1.34 -2.90	20.11 1.34 -2.62	19.93 1.34 -2.85	20.14 1.30 -2.83	21.07 1.29 -3.61	24.22 1.49 -4.60	28.20 1.63 -5.67	31.60 1.59 -9.02	32.08 1.76 -6.48	25.93 1.34 -4.20	24.00 1.49 -2.83	21.27 1.08 -4.02
KIAC_JFK_GT2 23817	22.53 1.36 0.00	21.16 1.24 0.00	20.49 1.20 0.00	20.24 1.24 0.02	20.19 1.18 0.02	20.59 0.99 -1.54	22.83 1.11 -2.83	23.60 1.16 -4.92	22.73 1.50 -1.29	21.10 1.49 -1.26	20.65 1.26 -3.26	20.24 1.27 -3.70	20.39 1.34 -2.90	20.11 1.34 -2.62	19.93 1.34 -2.85	20.14 1.30 -2.83	21.07 1.29 -3.61	24.22 1.49 -4.60	28.20 1.63 -5.67	31.60 1.59 -9.02	32.08 1.76 -6.48	25.93 1.34 -4.20	24.00 1.49 -2.83	21.27 1.08 -4.02
KIAC_JFK____ 323774	22.53 1.36 0.00	21.16 1.24 0.00	20.49 1.20 0.00	20.24 1.24 0.02	20.19 1.18 0.02	20.59 0.99 -1.54	22.83 1.11 -2.83	23.60 1.16 -4.92	22.73 1.50 -1.29	21.10 1.49 -1.26	20.65 1.26 -3.26	20.24 1.27 -3.70	20.39 1.34 -2.90	20.11 1.34 -2.62	19.93 1.34 -2.85	20.14 1.30 -2.83	21.07 1.29 -3.61	24.22 1.49 -4.60	28.20 1.63 -5.67	31.60 1.59 -9.02	32.08 1.76 -6.48	25.93 1.34 -4.20	24.00 1.49 -2.83	21.27 1.08 -4.02
KINTIGH____ 23543	19.84 -1.33 0.00	18.73 -1.20 0.00	18.15 -1.14 0.00	17.88 -1.14 0.00	17.85 -1.18 0.00	17.28 -1.01 -0.23	18.33 -0.98 -0.42	17.20 -1.05 -0.74	18.64 -1.50 -0.19	17.29 -1.25 -0.19	15.48 -1.13 -0.49	14.86 -0.96 -0.55	15.45 -1.13 -0.43	15.39 -1.15 -0.39	15.05 -1.12 -0.43	15.33 -1.10 -0.42	15.63 -1.07 -0.54	17.51 -1.31 -0.69	20.16 -1.59 -0.85	20.74 -1.60 -1.35	21.20 -1.72 0.92	19.64 -1.37 -0.63	18.78 -1.32 -0.42	15.92 -0.84 -0.60
KNTFSRNC_46_KV_46KV_LOAD 80397	21.66 0.49 0.00	20.34 0.42 0.00	19.66 0.37 0.00	19.13 0.11 0.00	19.09 0.06 0.00	18.20 0.13 -0.01	19.04 0.13 -0.02	17.82 0.28 -0.03	20.29 0.34 -0.01	18.67 0.31 -0.01	16.35 0.21 -0.02	15.46 0.17 -0.02	16.32 0.16 -0.02	16.25 0.10 -0.01	15.85 0.09 -0.02	16.09 0.06 -0.02	16.24 0.06 -0.02	18.36 0.20 -0.02	21.24 0.31 -0.03	21.23 0.19 -0.05	23.95 0.07 -0.03	20.38 -0.02 -0.02	19.61 -0.08 -0.02	16.09 -0.10 -0.02

LACHUTE____HYDRO 323717	23.02 1.84 0.00	21.62 1.69 0.00	20.97 1.68 0.00	20.62 1.60 0.00	20.72 1.69 0.00	21.71 1.41 -2.23	24.61 1.60 -4.11	26.12 1.45 -7.15	23.49 1.68 -1.87	21.69 1.51 -1.84	22.07 1.21 -4.74	21.84 1.19 -5.37	21.35 0.98 -4.22	20.91 0.95 -3.81	20.74 0.87 -4.14	21.08 0.96 -4.11	22.49 1.08 -5.25	26.12 1.31 -6.68	30.70 1.57 -8.23	35.75 1.66 -13.10	35.44 2.19 -9.41	28.38 1.90 -6.11	25.53 1.75 -4.11	23.30 1.29 -5.84
LAWRNCAV_115KV_TB1 80681	20.50 -0.68 0.00	19.29 -0.64 0.00	18.67 -0.62 0.00	18.31 -0.70 0.00	18.31 -0.72 0.00	17.45 -0.63 -0.02	18.23 -0.70 -0.04	16.98 -0.60 -0.06	19.28 -0.68 -0.02	17.69 -0.68 -0.02	15.54 -0.63 -0.04	14.71 -0.61 -0.05	15.55 -0.63 -0.04	15.55 -0.63 -0.03	15.15 -0.63 -0.04	15.41 -0.64 -0.04	15.54 -0.66 -0.05	17.52 -0.67 -0.06	20.28 -0.69 -0.07	20.35 -0.76 -0.11	23.02 -0.91 -0.09	19.66 -0.77 -0.05	18.92 -0.79 -0.04	15.60 -0.61 -0.05
LEDERLE____ 23769	22.55 1.38 0.00	21.18 1.26 0.00	20.53 1.23 0.00	20.27 1.26 0.00	20.30 1.27 0.00	20.65 1.12 -1.46	22.77 1.19 -2.69	23.37 1.17 -4.68	22.62 1.46 -1.22	20.97 1.41 -1.20	20.47 1.24 -3.10	19.96 1.18 -3.51	20.19 1.29 -2.76	19.93 1.29 -2.49	19.69 1.24 -2.71	19.94 1.23 -2.69	20.82 1.23 -3.43	23.92 1.41 -4.37	27.85 1.57 -5.39	31.16 1.60 -8.57	31.94 1.79 -6.31	25.82 1.45 -4.00	23.82 1.46 -2.69	21.13 1.15 -3.82
LIGHTHSE_115KV_TB6 355974	20.92 -0.25 0.00	19.69 -0.24 0.00	19.04 -0.25 0.00	18.79 -0.23 0.00	18.78 -0.25 0.00	17.76 -0.43 -0.13	18.64 -0.49 -0.24	17.44 -0.49 -0.41	19.39 -0.66 -0.11	17.80 -0.66 -0.11	15.76 -0.65 -0.27	14.99 -0.60 -0.31	15.77 -0.61 -0.24	15.75 -0.61 -0.22	15.38 -0.60 -0.24	15.64 -0.61 -0.24	15.87 -0.60 -0.30	17.87 -0.65 -0.39	20.71 -0.67 -0.48	21.14 -0.61 -0.76	23.84 -0.55 -0.54	20.26 -0.47 -0.35	19.42 -0.49 -0.24	16.09 -0.40 -0.34
LINDEN COGEN____ 23786	22.70 1.53 0.00	21.32 1.39 0.00	20.66 1.37 0.00	20.45 1.43 0.00	20.36 1.33 0.00	20.70 1.10 -1.54	22.87 1.15 -2.83	23.65 1.21 -4.92	22.77 1.54 -1.29	21.17 1.56 -1.26	20.77 1.39 -3.26	20.33 1.36 -3.70	20.50 1.45 -2.90	20.22 1.45 -2.62	19.99 1.40 -2.85	20.17 1.33 -2.83	21.11 1.34 -3.61	24.23 1.50 -4.60	28.17 1.61 -5.67	31.60 1.59 -9.02	32.08 1.76 -6.48	25.99 1.40 -4.20	24.02 1.51 -2.83	21.35 1.16 -4.02
LINDHRST_69_KV_BK1 356055	28.42 2.14 -5.10	26.67 1.95 -4.79	24.17 1.91 -2.97	23.24 1.92 -2.30	24.23 1.94 -3.26	25.18 1.72 -5.40	23.83 1.81 -3.13	28.86 1.75 -9.59	28.07 2.11 -6.02	27.37 2.02 -7.00	23.56 1.77 -5.66	22.54 1.63 -5.63	22.09 1.81 -4.13	22.19 1.82 -4.22	22.74 1.86 -5.14	23.45 1.81 -5.63	25.35 1.81 -7.38	30.79 2.07 -10.59	36.43 2.24 -13.30	36.97 2.22 -13.75	41.21 2.50 -14.86	36.13 2.06 -13.70	26.22 2.12 -4.42	25.73 1.65 -7.92
LIPA_MISC_IPP 23656	28.35 2.08 -5.10	26.71 1.99 -4.79	24.21 1.95 -2.97	23.31 2.00 -2.30	24.31 2.02 -3.26	25.25 1.79 -5.40	23.95 1.93 -3.13	28.99 1.86 -9.62	28.23 2.25 -6.04	27.51 2.13 -7.03	23.67 1.89 -5.66	22.63 1.73 -5.63	22.18 1.90 -4.13	22.27 1.90 -4.22	22.84 1.95 -5.14	23.48 1.84 -5.63	25.37 1.83 -7.38	30.77 2.05 -10.59	36.41 2.22 -13.30	36.88 2.14 -13.75	41.09 2.38 -14.86	36.11 2.04 -13.70	26.22 2.12 -4.42	25.81 1.73 -7.92
LISF____SOLAR 323691	28.46 2.18 -5.10	26.83 2.11 -4.79	24.33 2.07 -2.97	23.45 2.13 -2.30	24.35 2.06 -3.26	25.29 1.82 -5.40	24.01 1.96 -3.15	29.39 1.89 -9.98	28.64 2.29 -6.41	27.99 2.16 -7.48	23.69 1.90 -5.66	22.81 1.91 -5.63	22.20 1.92 -4.14	22.29 1.92 -4.22	22.85 1.97 -5.14	23.50 1.86 -5.63	25.40 1.86 -7.38	30.81 2.08 -10.59	36.43 2.24 -13.30	36.91 2.16 -13.76	40.97 2.41 -14.71	36.13 2.06 -13.70	26.24 2.14 -4.42	25.84 1.76 -7.92
LITTLE FALLS____HYD 24013	21.68 0.51 0.00	20.40 0.48 0.00	19.76 0.46 0.00	19.47 0.46 0.00	19.47 0.44 0.00	18.45 0.38 -0.01	19.28 0.38 -0.01	17.89 0.35 -0.02	20.33 0.38 -0.01	18.69 0.33 -0.01	16.43 0.29 -0.02	15.54 0.24 -0.02	16.42 0.26 -0.01	16.41 0.26 -0.01	15.95 0.19 -0.01	16.22 0.19 -0.01	16.36 0.18 -0.02	18.36 0.20 -0.02	21.16 0.23 -0.03	21.27 0.23 -0.05	24.16 0.29 -0.03	20.64 0.24 -0.02	19.94 0.26 -0.01	16.46 0.27 -0.02
LITTLRIV_115KV_TB1 356100	20.67 -0.51 0.00	19.45 -0.48 0.00	18.81 -0.48 0.00	18.45 -0.57 0.00	18.44 -0.59 0.00	17.60 -0.49 -0.02	18.36 -0.57 -0.04	17.13 -0.46 -0.07	19.42 -0.54 -0.02	17.78 -0.59 -0.02	15.62 -0.55 -0.04	14.77 -0.55 -0.05	15.63 -0.55 -0.04	15.63 -0.55 -0.04	15.21 -0.57 -0.04	15.47 -0.58 -0.04	15.61 -0.60 -0.05	17.63 -0.56 -0.06	20.45 -0.52 -0.08	20.50 -0.61 -0.12	23.22 -0.72 -0.09	19.82 -0.61 -0.06	19.04 -0.67 -0.04	15.73 -0.48 -0.05
LI_NEWBRDGE____DRP 323616	28.12 1.84 -5.10	26.39 1.67 -4.79	23.90 1.64 -2.97	22.97 1.65 -2.30	23.97 1.67 -3.26	24.92 1.46 -5.40	23.57 1.55 -3.13	28.66 1.51 -9.64	27.86 1.85 -6.06	27.17 1.76 -7.06	23.35 1.56 -5.66	22.35 1.45 -5.63	21.89 1.61 -4.13	21.99 1.63 -4.22	22.52 1.64 -5.14	23.22 1.59 -5.63	25.11 1.57 -7.38	30.50 1.78 -10.59	36.10 1.90 -13.30	36.65 1.91 -13.75	40.83 2.12 -14.86	35.83 1.75 -13.70	25.90 1.81 -4.42	25.47 1.39 -7.92
LOCKPORT_115KV_TB60_63_64 80432	19.67 -1.50 0.00	18.59 -1.33 0.00	18.00 -1.29 0.00	17.74 -1.27 0.00	17.66 -1.37 0.00	17.04 -1.28 -0.25	18.07 -1.28 -0.47	16.96 -1.37 -0.81	18.26 -1.89 -0.21	16.96 -1.60 -0.21	15.23 -1.44 -0.54	14.64 -1.24 -0.61	15.17 -1.45 -0.47	15.09 -1.49 -0.43	14.78 -1.43 -0.47	15.03 -1.44 -0.46	15.38 -1.37 -0.59	17.22 -1.67 -0.76	19.80 -2.03 -0.93	20.46 -2.01 -1.48	21.12 -1.96 0.77	19.30 -1.77 -0.69	18.45 -1.69 -0.47	15.76 -1.07 -0.66
LOCKPORT____CC1 323769	19.76 -1.42 0.00	18.55 -1.37 0.00	18.00 -1.29 0.00	17.71 -1.31 0.00	17.72 -1.31 0.00	17.03 -1.28 -0.25	18.10 -1.25 -0.46	16.97 -1.35 -0.80	18.28 -1.88 -0.21	16.98 -1.58 -0.21	15.24 -1.42 -0.53	14.51 -1.36 -0.60	15.18 -1.44 -0.47	15.05 -1.52 -0.43	14.79 -1.42 -0.46	15.06 -1.41 -0.46	15.39 -1.36 -0.59	17.21 -1.67 -0.75	19.82 -2.01 -0.92	20.47 -1.99 -1.47	21.15 -1.98 0.71	19.31 -1.75 -0.69	18.46 -1.67 -0.46	15.75 -1.07 -0.66
LOCKPORT____CC2 323770	19.76 -1.42 0.00	18.55 -1.37 0.00	18.00 -1.29 0.00	17.71 -1.31 0.00	17.72 -1.31 0.00	17.03 -1.28 -0.25	18.10 -1.25 -0.46	16.97 -1.35 -0.80	18.28 -1.88 -0.21	16.98 -1.58 -0.21	15.24 -1.42 -0.53	14.51 -1.36 -0.60	15.18 -1.44 -0.47	15.05 -1.52 -0.43	14.79 -1.42 -0.46	15.06 -1.41 -0.46	15.39 -1.36 -0.59	17.21 -1.67 -0.75	19.82 -2.01 -0.92	20.47 -1.99 -1.47	21.15 -1.98 0.71	19.31 -1.75 -0.69	18.46 -1.67 -0.46	15.75 -1.07 -0.66
LOCKPORT____CC3 323771	19.76 -1.42 0.00	18.55 -1.37 0.00	18.00 -1.29 0.00	17.71 -1.31 0.00	17.72 -1.31 0.00	17.03 -1.28 -0.25	18.10 -1.25 -0.46	16.97 -1.35 -0.80	18.28 -1.88 -0.21	16.98 -1.58 -0.21	15.24 -1.42 -0.53	14.51 -1.36 -0.60	15.18 -1.44 -0.47	15.05 -1.52 -0.43	14.79 -1.42 -0.46	15.06 -1.41 -0.46	15.39 -1.36 -0.59	17.21 -1.67 -0.75	19.82 -2.01 -0.92	20.47 -1.99 -1.47	21.15 -1.98 0.71	19.31 -1.75 -0.69	18.46 -1.67 -0.46	15.75 -1.07 -0.66

LONG_LAKE_PHOENIX 24014	20.90 -0.28 0.00	19.69 -0.24 0.00	19.04 -0.25 0.00	18.79 -0.23 0.00	18.78 -0.25 0.00	17.76 -0.45 -0.15	18.71 -0.45 -0.27	17.52 -0.47 -0.47	19.43 -0.64 -0.12	17.87 -0.61 -0.12	15.88 -0.56 -0.31	15.10 -0.53 -0.36	15.86 -0.57 -0.28	15.83 -0.57 -0.25	15.47 -0.55 -0.27	15.74 -0.54 -0.27	15.99 -0.52 -0.35	17.98 -0.60 -0.44	20.78 -0.67 -0.55	21.23 -0.63 -0.87	23.81 -0.67 -0.63	20.23 -0.55 -0.40	19.41 -0.53 -0.27	16.11 -0.44 -0.39
LOVETT___3 23632	22.47 1.29 0.00	21.10 1.18 0.00	20.43 1.14 0.00	20.20 1.18 0.00	20.23 1.20 0.00	20.56 1.03 -1.47	22.69 1.10 -2.70	23.31 1.09 -4.70	22.53 1.36 -1.23	20.88 1.32 -1.21	20.40 1.16 -3.11	19.90 1.10 -3.53	20.14 1.23 -2.77	19.88 1.23 -2.51	19.64 1.18 -2.72	19.87 1.15 -2.70	20.76 1.15 -3.45	23.85 1.32 -4.39	27.79 1.48 -5.41	31.09 1.49 -8.61	31.85 1.67 -6.34	25.74 1.34 -4.01	23.73 1.36 -2.70	21.05 1.05 -3.84
LOVETT___4 23642	22.47 1.29 0.00	21.10 1.18 0.00	20.43 1.14 0.00	20.20 1.18 0.00	20.23 1.20 0.00	20.56 1.03 -1.47	22.69 1.10 -2.70	23.31 1.09 -4.70	22.53 1.36 -1.23	20.88 1.32 -1.21	20.40 1.16 -3.11	19.90 1.10 -3.53	20.14 1.23 -2.77	19.88 1.23 -2.51	19.64 1.18 -2.72	19.87 1.15 -2.70	20.76 1.15 -3.45	23.85 1.32 -4.39	27.79 1.48 -5.41	31.09 1.49 -8.61	31.85 1.67 -6.34	25.74 1.34 -4.01	23.73 1.36 -2.70	21.05 1.05 -3.84
LOVETT___5 23593	22.47 1.29 0.00	21.10 1.18 0.00	20.43 1.14 0.00	20.20 1.18 0.00	20.23 1.20 0.00	20.56 1.03 -1.47	22.69 1.10 -2.70	23.31 1.09 -4.70	22.53 1.36 -1.23	20.88 1.32 -1.21	20.40 1.16 -3.11	19.90 1.10 -3.53	20.14 1.23 -2.77	19.88 1.23 -2.51	19.64 1.18 -2.72	19.87 1.15 -2.70	20.76 1.15 -3.45	23.85 1.32 -4.39	27.79 1.48 -5.41	31.09 1.49 -8.61	31.85 1.67 -6.34	25.74 1.34 -4.01	23.73 1.36 -2.70	21.05 1.05 -3.84
LOWER RAQUET___HYD 24057	20.37 -0.80 0.00	19.17 -0.76 0.00	18.54 -0.75 0.00	18.18 -0.84 0.00	18.17 -0.86 0.00	17.32 -0.74 0.00	18.06 -0.83 0.00	16.82 -0.70 0.00	19.14 -0.80 0.00	17.54 -0.81 0.00	15.39 -0.74 0.00	14.54 -0.73 0.00	15.40 -0.74 0.00	15.40 -0.74 0.00	15.00 -0.74 0.00	15.24 -0.77 0.00	15.37 -0.79 0.00	17.34 -0.80 0.00	20.08 -0.82 0.00	20.11 -0.88 0.00	22.79 -1.05 0.00	19.48 -0.90 0.00	18.75 -0.92 0.00	15.43 -0.73 0.00
LOWER___HUDSON 24059	21.98 0.80 0.00	20.70 0.78 0.00	20.04 0.75 0.00	19.78 0.76 0.00	19.81 0.78 0.00	20.87 0.63 -2.17	23.55 0.66 -4.00	25.08 0.60 -6.97	22.50 0.74 -1.82	20.80 0.66 -1.79	21.30 0.56 -4.61	21.07 0.57 -5.23	20.82 0.56 -4.11	20.40 0.55 -3.71	20.31 0.54 -4.03	20.58 0.56 -4.01	21.85 0.58 -5.11	25.29 0.65 -6.50	29.69 0.77 -8.02	34.52 0.78 -12.76	33.91 0.91 -9.16	27.14 0.82 -5.95	24.44 0.77 -4.00	22.38 0.53 -5.69
LOWVILLE_115KV_TB2 356335	21.05 -0.13 0.00	19.80 -0.12 0.00	19.14 -0.15 0.00	18.89 -0.13 0.00	18.88 -0.15 0.00	17.92 -0.20 -0.05	18.75 -0.25 -0.10	17.48 -0.21 -0.18	19.65 -0.34 -0.05	17.99 -0.40 -0.05	15.82 -0.42 -0.12	14.98 -0.43 -0.13	15.83 -0.42 -0.10	15.80 -0.44 -0.09	15.40 -0.44 -0.10	15.68 -0.43 -0.10	15.87 -0.42 -0.13	17.92 -0.38 -0.16	20.79 -0.31 -0.20	21.02 -0.29 -0.32	23.83 -0.26 -0.25	20.30 -0.22 -0.15	19.48 -0.30 -0.10	16.06 -0.24 -0.14
LUTHERFT_115KV_GLOB_FND_222 355753	22.21 1.04 0.00	20.88 0.96 0.00	20.22 0.93 0.00	19.95 0.93 0.00	20.02 0.99 0.00	21.09 0.81 -2.22	23.88 0.91 -4.08	25.43 0.81 -7.10	22.76 0.96 -1.86	21.02 0.84 -1.82	21.54 0.71 -4.70	21.26 0.66 -5.33	21.01 0.68 -4.19	20.59 0.66 -3.79	20.49 0.65 -4.11	20.80 0.70 -4.08	22.11 0.74 -5.21	25.62 0.85 -6.63	30.08 1.00 -8.17	35.05 1.05 -13.01	34.54 1.24 -9.46	27.52 1.08 -6.06	24.78 1.02 -4.08	22.71 0.74 -5.80
LUTHERNY_35_KV_BK2 355980	22.21 1.04 0.00	20.88 0.96 0.00	20.22 0.93 0.00	19.95 0.93 0.00	20.04 1.01 0.00	21.11 0.83 -2.22	23.88 0.91 -4.08	25.43 0.81 -7.10	22.76 0.96 -1.86	21.04 0.86 -1.82	21.55 0.73 -4.70	21.26 0.66 -5.33	21.01 0.68 -4.19	20.61 0.68 -3.79	20.49 0.65 -4.11	20.80 0.70 -4.08	22.13 0.76 -5.21	25.63 0.87 -6.63	30.10 1.02 -8.17	35.05 1.05 -13.01	34.57 1.26 -9.46	27.54 1.10 -6.06	24.80 1.04 -4.08	22.71 0.74 -5.80
LWR___OSWEGATCHIE_HYD 23850	20.43 -0.74 0.00	19.23 -0.70 0.00	18.60 -0.69 0.00	18.30 -0.72 0.00	18.29 -0.74 0.00	17.40 -0.70 -0.04	18.17 -0.79 -0.08	16.95 -0.70 -0.13	19.14 -0.84 -0.04	17.52 -0.86 -0.03	15.41 -0.81 -0.09	14.58 -0.79 -0.10	15.41 -0.81 -0.08	15.39 -0.82 -0.07	15.05 -0.77 -0.08	15.30 -0.78 -0.08	15.47 -0.79 -0.10	17.46 -0.80 -0.13	20.26 -0.79 -0.15	20.42 -0.82 -0.25	23.12 -0.91 -0.19	19.72 -0.77 -0.11	18.92 -0.83 -0.08	15.58 -0.69 -0.11
LYONS_FALL_HYD 23570	21.24 0.06 0.00	19.98 0.06 0.00	19.31 0.02 0.00	19.06 0.04 0.00	19.07 0.04 0.00	18.11 -0.02 -0.06	18.94 -0.06 -0.11	17.65 -0.05 -0.19	19.87 -0.12 -0.05	18.20 -0.20 -0.05	16.03 -0.23 -0.12	15.17 -0.24 -0.14	16.04 -0.21 -0.11	16.02 -0.23 -0.10	15.60 -0.25 -0.11	15.88 -0.24 -0.11	16.06 -0.24 -0.14	18.11 -0.20 -0.17	20.99 -0.12 -0.22	21.21 -0.13 -0.34	24.02 -0.07 -0.25	20.48 -0.06 -0.16	19.64 -0.14 -0.11	16.23 -0.08 -0.15
MADISON___COUNTY_LFGE 323628	21.70 0.53 0.00	20.42 0.50 0.00	19.76 0.46 0.00	19.51 0.49 0.00	19.50 0.48 0.00	18.51 0.36 -0.08	19.40 0.36 -0.15	18.10 0.32 -0.27	20.29 0.28 -0.07	18.60 0.18 -0.07	16.43 0.13 -0.18	15.60 0.12 -0.20	16.45 0.15 -0.16	16.40 0.11 -0.14	15.96 0.06 -0.16	16.26 0.10 -0.15	16.41 0.05 -0.20	18.47 0.09 -0.25	21.40 0.19 -0.31	21.67 0.19 -0.49	24.55 0.26 -0.45	20.83 0.22 -0.23	20.00 0.18 -0.15	16.57 0.19 -0.22
MALONE___115KV_TB1 356076	21.26 0.08 0.00	19.98 0.06 0.00	19.31 0.02 0.00	18.83 -0.19 0.00	18.80 -0.23 0.00	17.93 -0.14 -0.01	18.74 -0.17 -0.02	17.56 0.00 -0.04	19.99 0.04 -0.01	18.36 0.00 -0.01	16.09 -0.06 -0.03	15.21 -0.09 -0.03	16.07 -0.10 -0.02	16.02 -0.15 -0.02	15.62 -0.14 -0.02	15.86 -0.18 -0.02	16.01 -0.18 -0.03	18.08 -0.09 -0.04	20.92 -0.02 -0.04	20.93 -0.13 -0.07	23.63 -0.26 -0.05	20.12 -0.29 -0.03	19.36 -0.33 -0.02	15.90 -0.29 -0.03
MAPLEWOD_115KV_TB3 80458	21.98 0.80 0.00	20.70 0.78 0.00	20.04 0.75 0.00	19.78 0.76 0.00	19.85 0.82 0.00	20.86 0.65 -2.14	23.54 0.70 -3.95	25.00 0.61 -6.87	22.52 0.78 -1.80	20.83 0.72 -1.76	21.27 0.60 -4.55	20.98 0.55 -5.16	20.79 0.60 -4.05	20.38 0.58 -3.66	20.27 0.55 -3.97	20.55 0.59 -3.95	21.81 0.61 -5.04	25.22 0.67 -6.41	29.60 0.79 -7.90	34.39 0.82 -12.58	33.95 0.95 -9.16	27.08 0.84 -5.86	24.41 0.79 -3.95	22.34 0.57 -5.61
MAPLE RIDGE_WT_1 323574	20.94 -0.23 0.00	19.73 -0.20 0.00	19.12 -0.17 0.00	18.81 -0.21 0.00	18.82 -0.21 0.00	17.87 -0.20 0.00	18.66 -0.23 0.00	17.31 -0.21 0.00	19.70 -0.24 0.00	18.13 -0.22 0.00	15.92 -0.21 0.00	15.08 -0.20 0.00	15.92 -0.23 0.00	15.92 -0.23 0.00	15.54 -0.21 0.00	15.80 -0.21 0.00	15.93 -0.23 0.00	17.90 -0.24 0.00	20.63 -0.27 0.00	20.68 -0.31 0.00	23.44 -0.41 0.00	20.01 -0.37 0.00	19.30 -0.37 0.00	15.85 -0.31 0.00

MAPLE_RIDGE_WT_2 323611	20.94 -0.23 0.00	19.73 -0.20 0.00	19.12 -0.17 0.00	18.81 -0.21 0.00	18.82 -0.21 0.00	17.87 -0.20 0.00	18.66 -0.23 0.00	17.31 -0.21 0.00	19.70 -0.24 0.00	18.13 -0.22 0.00	15.92 -0.21 0.00	15.08 -0.20 0.00	15.92 -0.23 0.00	15.92 -0.23 0.00	15.54 -0.21 0.00	15.80 -0.21 0.00	15.93 -0.23 0.00	17.90 -0.24 0.00	20.63 -0.27 0.00	20.68 -0.31 0.00	23.44 -0.41 0.00	20.01 -0.37 0.00	19.30 -0.37 0.00	15.85 -0.31 0.00
MARBLE_RIVER_WT_PWR 323696	21.39 0.21 0.00	20.08 0.16 0.00	19.41 0.12 0.00	18.92 -0.09 0.00	18.88 -0.15 0.00	17.98 -0.09 0.00	18.80 -0.09 0.00	17.57 0.05 0.00	20.04 0.10 0.00	18.43 0.07 0.00	16.16 0.03 0.00	15.32 0.05 0.00	16.13 -0.02 0.00	16.08 -0.06 0.00	15.68 -0.06 0.00	15.90 -0.11 0.00	16.05 -0.11 0.00	18.10 -0.04 0.00	20.94 0.04 0.00	20.91 -0.08 0.00	23.58 -0.26 0.00	20.09 -0.29 0.00	19.36 -0.32 0.00	15.87 -0.29 0.00
MARSHVLE_115KV_TB1 80742	22.06 0.89 0.00	20.72 0.80 0.00	20.06 0.77 0.00	19.80 0.78 0.00	19.85 0.82 0.00	21.42 0.67 -2.69	24.59 0.74 -4.96	26.81 0.67 -8.63	22.94 0.74 -2.26	21.19 0.62 -2.21	22.34 0.50 -5.71	22.18 0.43 -6.48	21.65 0.42 -5.09	21.18 0.44 -4.60	21.16 0.43 -4.99	21.47 0.50 -4.96	23.05 0.57 -6.33	26.89 0.71 -8.05	31.73 0.90 -9.93	37.76 0.97 -15.80	36.54 1.17 -11.53	28.74 1.00 -7.37	25.54 0.90 -4.96	23.86 0.65 -7.05
MARSH_HILL_WT_PWR 323713	21.37 0.19 0.00	20.06 0.14 0.00	19.47 0.17 0.00	19.15 0.13 0.00	19.14 0.11 0.00	18.29 -0.11 -0.33	19.50 0.00 -0.61	18.49 -0.09 -1.06	19.86 -0.36 -0.28	18.33 -0.29 -0.27	16.51 -0.32 -0.70	15.73 -0.34 -0.80	16.45 -0.32 -0.63	16.34 -0.37 -0.56	15.99 -0.36 -0.61	16.27 -0.35 -0.61	16.65 -0.29 -0.78	18.74 -0.38 -0.99	21.64 -0.48 -1.22	22.51 -0.42 -1.94	27.56 -0.36 -4.08	21.00 -0.29 -0.91	20.03 -0.26 -0.61	16.98 -0.05 -0.87
MCINTYRE_115KV_TB2 80467	20.90 -0.28 0.00	19.67 -0.26 0.00	19.04 -0.25 0.00	18.68 -0.34 0.00	18.67 -0.36 0.00	17.81 -0.27 -0.02	18.58 -0.34 -0.03	17.31 -0.26 -0.06	19.64 -0.32 -0.02	17.98 -0.39 -0.02	15.78 -0.39 -0.04	14.94 -0.38 -0.04	15.79 -0.39 -0.04	15.80 -0.37 -0.03	15.38 -0.39 -0.03	15.66 -0.38 -0.03	15.80 -0.40 -0.04	17.86 -0.33 -0.06	20.72 -0.25 -0.07	20.78 -0.31 -0.11	23.52 -0.41 -0.08	20.10 -0.33 -0.05	19.29 -0.41 -0.03	15.93 -0.27 -0.05
MECO____69_KV_BK1 80468	22.85 1.67 0.00	21.44 1.51 0.00	20.76 1.47 0.00	20.44 1.43 0.00	20.55 1.52 0.00	21.91 1.30 -2.55	25.02 1.44 -4.70	26.95 1.26 -8.17	23.43 1.36 -2.14	21.64 1.19 -2.10	22.50 0.97 -5.41	22.25 0.84 -6.13	21.70 0.74 -4.82	21.30 0.81 -4.35	21.13 0.66 -4.72	21.48 0.77 -4.70	23.02 0.87 -5.99	26.83 1.07 -7.62	31.66 1.36 -9.40	37.42 1.47 -14.96	36.54 1.79 -10.91	28.88 1.53 -6.97	25.76 1.40 -4.70	24.09 1.26 -6.67
MENANDS__115KV_TB5 355628	21.68 0.51 0.00	20.44 0.52 0.00	19.81 0.52 0.00	19.55 0.53 0.00	19.62 0.59 0.00	20.62 0.43 -2.12	23.23 0.43 -3.90	24.68 0.37 -6.79	22.26 0.54 -1.78	20.59 0.50 -1.74	21.06 0.44 -4.50	20.75 0.38 -5.10	20.58 0.44 -4.01	20.18 0.42 -3.62	20.09 0.43 -3.93	20.35 0.43 -3.91	21.59 0.45 -4.98	24.93 0.45 -6.34	29.26 0.54 -7.81	33.95 0.52 -12.44	33.52 0.62 -9.06	26.73 0.55 -5.80	24.09 0.51 -3.90	22.05 0.34 -5.55
MG INDUSTRY__DRP 24185	21.73 0.55 0.00	20.48 0.56 0.00	19.85 0.56 0.00	19.59 0.57 0.00	19.66 0.63 0.00	20.59 0.45 -2.07	23.20 0.49 -3.82	24.57 0.40 -6.65	22.22 0.54 -1.74	20.55 0.50 -1.71	20.93 0.40 -4.40	20.63 0.37 -4.99	20.47 0.40 -3.92	20.07 0.39 -3.54	19.96 0.38 -3.84	20.23 0.40 -3.82	21.47 0.44 -4.87	24.79 0.45 -6.20	29.09 0.54 -7.65	33.71 0.55 -12.17	33.36 0.64 -8.87	26.62 0.57 -5.67	24.04 0.55 -3.82	21.98 0.39 -5.43
MID__OSWEGATCHIE_HYD 23849	20.43 -0.74 0.00	19.23 -0.70 0.00	18.60 -0.69 0.00	18.30 -0.72 0.00	18.29 -0.74 0.00	17.40 -0.70 -0.04	18.17 -0.79 -0.08	16.95 -0.70 -0.13	19.14 -0.84 -0.04	17.52 -0.86 -0.03	15.41 -0.81 -0.09	14.58 -0.79 -0.10	15.41 -0.81 -0.08	15.39 -0.82 -0.07	15.05 -0.77 -0.08	15.30 -0.78 -0.08	15.47 -0.79 -0.10	17.46 -0.80 -0.13	20.26 -0.79 -0.15	20.42 -0.82 -0.25	23.12 -0.91 -0.19	19.72 -0.77 -0.11	18.92 -0.83 -0.08	15.58 -0.69 -0.11
MID__RAQUETTE_HYD 23851	20.37 -0.80 0.00	19.17 -0.76 0.00	18.54 -0.75 0.00	18.18 -0.84 0.00	18.17 -0.86 0.00	17.35 -0.74 -0.02	18.10 -0.83 -0.04	16.89 -0.70 -0.07	19.16 -0.80 -0.02	17.56 -0.81 -0.02	15.43 -0.74 -0.05	14.61 -0.72 -0.05	15.44 -0.74 -0.04	15.42 -0.76 -0.04	15.04 -0.74 -0.04	15.28 -0.77 -0.04	15.44 -0.78 -0.05	17.40 -0.80 -0.07	20.17 -0.82 -0.08	20.24 -0.88 -0.13	22.89 -1.05 -0.10	19.54 -0.90 -0.06	18.79 -0.92 -0.04	15.49 -0.73 -0.06
MILLIKEN__1 23584	21.68 0.51 0.00	20.40 0.48 0.00	19.76 0.46 0.00	19.49 0.48 0.00	19.49 0.46 0.00	18.68 0.27 -0.34	19.84 0.32 -0.63	18.87 0.26 -1.09	20.41 0.18 -0.28	18.74 0.11 -0.28	16.88 0.03 -0.72	16.12 0.03 -0.82	16.80 0.02 -0.64	16.76 0.03 -0.58	16.37 0.00 -0.63	16.70 0.06 -0.63	17.06 0.10 -0.80	19.26 0.11 -1.02	22.32 0.17 -1.25	23.21 0.23 -1.99	27.11 0.33 -2.93	21.59 0.29 -0.93	20.57 0.28 -0.63	17.29 0.24 -0.89
MILLIKEN__2 23585	21.68 0.51 0.00	20.40 0.48 0.00	19.76 0.46 0.00	19.49 0.48 0.00	19.49 0.46 0.00	18.68 0.27 -0.34	19.84 0.32 -0.63	18.87 0.26 -1.09	20.41 0.18 -0.28	18.74 0.11 -0.28	16.88 0.03 -0.72	16.12 0.03 -0.82	16.80 0.02 -0.64	16.76 0.03 -0.58	16.37 0.00 -0.63	16.70 0.06 -0.63	17.06 0.10 -0.80	19.26 0.11 -1.02	22.32 0.17 -1.25	23.21 0.23 -1.99	27.11 0.33 -2.93	21.59 0.29 -0.93	20.57 0.28 -0.63	17.29 0.24 -0.89
MILLIKEN__DIESEL 23629	21.68 0.51 0.00	20.40 0.48 0.00	19.76 0.46 0.00	19.49 0.48 0.00	19.49 0.46 0.00	18.68 0.27 -0.34	19.84 0.32 -0.63	18.87 0.26 -1.09	20.41 0.18 -0.28	18.74 0.11 -0.28	16.88 0.03 -0.72	16.12 0.03 -0.82	16.80 0.02 -0.64	16.76 0.03 -0.58	16.37 0.00 -0.63	16.70 0.06 -0.63	17.06 0.10 -0.80	19.26 0.11 -1.02	22.32 0.17 -1.25	23.21 0.23 -1.99	27.11 0.33 -2.93	21.59 0.29 -0.93	20.57 0.28 -0.63	17.29 0.24 -0.89
MILLSEAT__LFGE 323607	20.41 -0.76 0.00	19.15 -0.78 0.00	18.56 -0.73 0.00	18.26 -0.76 0.00	18.27 -0.76 0.00	17.60 -0.70 -0.24	18.65 -0.68 -0.44	17.52 -0.75 -0.76	18.94 -1.20 -0.20	17.54 -1.01 -0.19	15.66 -0.97 -0.50	14.91 -0.93 -0.57	15.59 -1.00 -0.44	15.46 -1.08 -0.40	15.20 -0.98 -0.44	15.47 -0.98 -0.43	15.82 -0.89 -0.55	17.72 -1.12 -0.71	20.43 -1.34 -0.87	21.10 -1.28 -1.39	21.67 -1.14 1.03	20.01 -1.02 -0.65	19.14 -0.96 -0.44	16.21 -0.57 -0.62
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	22.49 1.31 0.00	21.12 1.20 0.00	20.45 1.16 0.00	20.20 1.18 0.00	20.25 1.22 0.00	20.62 1.03 -1.52	22.79 1.10 -2.80	23.48 1.09 -4.88	22.57 1.36 -1.27	20.94 1.34 -1.25	20.53 1.18 -3.23	20.05 1.12 -3.66	20.26 1.24 -2.87	19.98 1.24 -2.60	19.77 1.21 -2.82	20.00 1.18 -2.80	20.90 1.16 -3.57	24.02 1.34 -4.55	28.01 1.50 -5.61	31.43 1.51 -8.93	32.10 1.69 -6.56	25.90 1.37 -4.16	23.87 1.40 -2.80	21.21 1.07 -3.98

MILLWOOD_13_KV_LOAD 356217	22.53 1.36 0.00	21.16 1.24 0.00	20.49 1.20 0.00	20.24 1.22 0.00	20.27 1.24 0.00	20.65 1.07 -1.52	22.83 1.13 -2.80	23.51 1.12 -4.88	22.61 1.40 -1.27	20.98 1.38 -1.25	20.55 1.19 -3.23	20.06 1.13 -3.66	20.28 1.26 -2.87	19.98 1.24 -2.60	19.77 1.21 -2.82	20.00 1.18 -2.80	20.92 1.18 -3.57	24.06 1.38 -4.55	28.05 1.55 -5.61	31.47 1.55 -8.93	32.15 1.74 -6.56	25.94 1.41 -4.16	23.89 1.42 -2.80	21.23 1.08 -3.98
MODEL_CITY_ENERGY 24167	19.55 -1.63 0.00	18.35 -1.57 0.00	17.81 -1.49 0.00	17.52 -1.50 0.00	17.52 -1.50 0.00	16.87 -1.45 -0.25	17.90 -1.45 -0.46	16.80 -1.52 -0.81	18.06 -2.09 -0.21	16.80 -1.76 -0.21	15.07 -1.60 -0.54	14.37 -1.51 -0.60	15.02 -1.60 -0.47	14.89 -1.68 -0.43	14.63 -1.57 -0.46	14.90 -1.57 -0.46	15.23 -1.52 -0.59	17.02 -1.87 -0.75	19.59 -2.24 -0.93	20.24 -2.23 -1.48	21.08 -2.10 0.66	19.11 -1.96 -0.69	18.25 -1.89 -0.46	15.61 -1.21 -0.66
MODERN_LFGE_ 323580	19.55 -1.63 0.00	18.35 -1.57 0.00	17.81 -1.49 0.00	17.52 -1.50 0.00	17.52 -1.50 0.00	16.87 -1.45 -0.25	17.90 -1.45 -0.46	16.80 -1.52 -0.81	18.06 -2.09 -0.21	16.80 -1.76 -0.21	15.07 -1.60 -0.54	14.37 -1.51 -0.60	15.02 -1.60 -0.47	14.89 -1.68 -0.43	14.63 -1.57 -0.46	14.90 -1.57 -0.46	15.23 -1.52 -0.59	17.02 -1.87 -0.75	19.59 -2.24 -0.93	20.24 -2.23 -1.48	21.08 -2.10 0.66	19.11 -1.96 -0.69	18.25 -1.89 -0.46	15.61 -1.21 -0.66
MOHAWK_PAPER___DRP 24187	21.98 0.80 0.00	20.70 0.78 0.00	20.04 0.75 0.00	19.78 0.76 0.00	19.85 0.82 0.00	20.86 0.65 -2.14	23.54 0.70 -3.95	25.00 0.61 -6.87	22.52 0.78 -1.80	20.83 0.72 -1.76	21.27 0.60 -4.55	20.98 0.55 -5.16	20.79 0.60 -4.05	20.38 0.58 -3.66	20.27 0.55 -3.97	20.55 0.59 -3.95	21.81 0.61 -5.04	25.22 0.67 -6.41	29.60 0.79 -7.90	34.39 0.82 -12.58	33.95 0.95 -9.16	27.08 0.84 -5.86	24.41 0.79 -3.95	22.34 0.57 -5.61
MOHICAN__35_KV_115KV_LD 80490	22.17 1.00 0.00	20.84 0.92 0.00	20.18 0.89 0.00	19.89 0.87 0.00	20.00 0.97 0.00	21.06 0.78 -2.22	23.87 0.89 -4.09	25.44 0.81 -7.11	22.74 0.94 -1.86	21.00 0.83 -1.82	21.51 0.68 -4.71	21.22 0.61 -5.34	20.94 0.60 -4.19	20.53 0.60 -3.79	20.42 0.57 -4.11	20.73 0.62 -4.09	22.07 0.69 -5.22	25.61 0.83 -6.64	30.09 1.00 -8.18	35.07 1.05 -13.03	34.60 1.29 -9.47	27.57 1.12 -6.07	24.80 1.04 -4.09	22.70 0.73 -5.81
MONGAUP___HYD 23641	22.32 1.14 0.00	21.10 1.18 0.00	20.35 1.06 0.00	20.16 1.14 0.00	20.13 1.10 0.00	20.38 0.96 -1.36	22.32 0.93 -2.50	22.76 0.89 -4.35	22.14 1.06 -1.14	20.59 1.12 -1.12	19.96 0.95 -2.88	19.49 0.95 -3.26	19.71 1.00 -2.56	19.43 0.97 -2.32	19.12 0.87 -2.51	19.30 0.78 -2.50	20.16 0.81 -3.19	23.17 0.98 -4.06	26.80 0.90 -5.00	29.92 0.97 -7.97	30.64 1.07 -5.72	24.95 0.86 -3.71	23.19 1.02 -2.50	20.57 0.86 -3.55
MONTAUK___DIESEL 23721	28.94 2.67 -5.10	27.27 2.55 -4.79	24.75 2.49 -2.97	23.85 2.53 -2.30	24.84 2.55 -3.26	25.74 2.28 -5.40	24.44 2.42 -3.13	29.46 2.33 -9.62	28.79 2.81 -6.04	28.02 2.64 -7.03	24.09 2.31 -5.66	23.01 2.11 -5.63	22.57 2.29 -4.13	22.62 2.26 -4.22	23.28 2.39 -5.14	23.94 2.31 -5.63	25.88 2.34 -7.38	31.39 2.67 -10.59	37.16 2.97 -13.30	37.56 2.81 -13.75	41.86 3.15 -14.86	36.82 2.75 -13.70	26.91 2.81 -4.42	26.31 2.23 -7.92
MOONROAD_115KV_HARTFLD_TB1-2 355988	20.48 -0.70 0.00	19.35 -0.58 0.00	18.77 -0.52 0.00	18.50 -0.51 0.00	18.46 -0.57 0.00	17.57 -0.79 -0.30	18.76 -0.68 -0.55	17.73 -0.74 -0.95	19.09 -1.10 -0.25	17.73 -0.86 -0.24	15.95 -0.81 -0.63	15.35 -0.64 -0.71	15.86 -0.84 -0.56	15.78 -0.87 -0.51	15.44 -0.85 -0.55	15.71 -0.85 -0.55	16.05 -0.81 -0.70	18.04 -0.98 -0.89	20.76 -1.23 -1.10	21.54 -1.20 -1.74	22.84 -1.34 -0.33	20.13 -1.06 -0.81	19.14 -1.08 -0.55	16.29 -0.65 -0.78
MORTIMER_115KV_TB3 55949	20.48 -0.70 0.00	19.31 -0.62 0.00	18.67 -0.62 0.00	18.41 -0.61 0.00	18.38 -0.65 0.00	17.72 -0.56 -0.21	18.75 -0.53 -0.39	17.62 -0.58 -0.68	19.20 -0.92 -0.18	17.74 -0.79 -0.17	15.84 -0.74 -0.45	15.16 -0.63 -0.51	15.82 -0.73 -0.40	15.78 -0.73 -0.36	15.44 -0.69 -0.39	15.73 -0.67 -0.39	16.03 -0.63 -0.50	17.97 -0.80 -0.64	20.72 -0.96 -0.78	21.29 -0.94 -1.25	21.28 -0.98 1.59	20.21 -0.75 -0.58	19.36 -0.71 -0.39	16.25 -0.47 -0.56
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	22.72 1.55 0.00	21.30 1.37 0.00	20.64 1.35 0.00	20.37 1.35 0.00	20.42 1.39 0.00	20.78 1.17 -1.54	22.97 1.25 -2.83	23.68 1.23 -4.93	22.79 1.56 -1.29	21.16 1.54 -1.27	20.78 1.39 -3.26	20.29 1.31 -3.70	20.49 1.44 -2.91	20.22 1.45 -2.63	20.01 1.42 -2.85	20.22 1.38 -2.84	21.13 1.36 -3.62	24.30 1.56 -4.60	28.25 1.67 -5.67	31.70 1.68 -9.03	32.34 1.86 -6.64	26.07 1.49 -4.21	24.04 1.53 -2.83	21.37 1.18 -4.03
MUNSVILLE_WIND_PWR 323609	22.78 1.61 0.00	21.44 1.51 0.00	20.72 1.43 0.00	20.50 1.48 0.00	20.47 1.45 0.00	19.77 1.25 -0.46	20.97 1.23 -0.85	20.13 1.14 -1.48	21.36 1.04 -0.39	19.48 0.75 -0.38	17.64 0.53 -0.98	16.81 0.43 -1.11	17.55 0.53 -0.87	17.48 0.55 -0.79	17.10 0.50 -0.85	17.48 0.62 -0.85	17.91 0.66 -1.08	20.38 0.87 -1.38	23.79 1.19 -1.70	24.91 1.22 -2.71	28.50 1.55 -3.10	22.98 1.34 -1.26	21.72 1.20 -0.85	18.43 1.07 -1.21
N SALMON___HYD 24042	21.26 0.09 0.00	19.98 0.06 0.00	19.33 0.04 0.00	18.85 -0.17 0.00	18.80 -0.23 0.00	17.92 -0.15 0.00	18.72 -0.17 0.00	17.52 0.00 0.00	19.98 0.04 0.00	18.35 0.00 0.00	16.06 -0.06 0.00	15.21 -0.06 0.00	16.05 -0.10 0.00	16.01 -0.13 0.00	15.60 -0.14 0.00	15.83 -0.18 0.00	15.98 -0.18 0.00	18.04 -0.09 0.00	20.88 -0.02 0.00	20.86 -0.13 0.00	23.58 -0.26 0.00	20.09 -0.29 0.00	19.34 -0.33 0.00	15.87 -0.29 0.00
N.AKRON__115KV_KNAPP 355671	20.10 -1.08 0.00	18.97 -0.96 0.00	18.37 -0.93 0.00	18.09 -0.93 0.00	18.02 -1.01 0.00	17.37 -0.94 -0.24	18.43 -0.91 -0.45	17.32 -0.98 -0.79	18.69 -1.46 -0.21	17.32 -1.23 -0.20	15.50 -1.15 -0.52	14.88 -0.98 -0.59	15.43 -1.18 -0.46	15.36 -1.19 -0.42	15.03 -1.16 -0.45	15.31 -1.15 -0.45	15.65 -1.08 -0.57	17.54 -1.32 -0.73	20.19 -1.61 -0.90	20.85 -1.57 -1.44	21.44 -1.48 0.93	19.72 -1.32 -0.67	18.87 -1.26 -0.45	16.04 -0.76 -0.64
N.BELMOR_69_KV_BK1 55787	28.25 1.97 -5.10	26.51 1.79 -4.79	24.00 1.74 -2.97	23.07 1.75 -2.30	24.06 1.77 -3.26	25.01 1.55 -5.40	23.64 1.62 -3.12	28.60 1.58 -9.51	27.81 1.93 -5.93	27.10 1.85 -6.90	23.41 1.63 -5.66	22.41 1.51 -5.63	21.97 1.70 -4.13	22.06 1.70 -4.22	22.60 1.72 -5.14	23.32 1.68 -5.63	25.20 1.66 -7.38	30.59 1.87 -10.59	36.20 2.01 -13.30	36.76 2.01 -13.75	40.95 2.24 -14.86	35.93 1.85 -13.70	26.00 1.91 -4.42	25.55 1.47 -7.92
N.E._GEN_SANDY PD 24062	22.15 0.97 0.00	20.84 0.92 0.00	20.18 0.89 0.00	19.95 0.93 0.00	19.94 0.91 0.00	20.70 0.76 -1.88	23.15 0.79 -3.47	24.28 0.74 -6.03	22.46 0.94 -1.58	20.76 0.86 -1.55	20.88 0.76 -3.99	20.55 0.75 -4.53	20.49 0.79 -3.56	20.13 0.77 -3.21	20.00 0.77 -3.49	20.25 0.77 -3.47	21.34 0.76 -4.42	24.61 0.85 -5.63	28.80 0.96 -6.94	33.00 0.97 -11.04	32.81 1.10 -7.87	26.54 0.96 -5.21	24.06 0.92 -3.47	21.75 0.66 -4.93

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	22.49 1.31 0.00	21.12 1.20 0.00	20.47 1.18 0.00	20.22 1.20 0.00	20.25 1.22 0.00	20.58 1.05 -1.46	22.70 1.11 -2.70	23.31 1.10 -4.69	22.54 1.38 -1.23	20.90 1.34 -1.20	20.43 1.19 -3.11	19.93 1.13 -3.52	20.15 1.24 -2.77	19.89 1.24 -2.50	19.65 1.20 -2.71	19.89 1.18 -2.70	20.78 1.18 -3.44	23.87 1.36 -4.38	27.80 1.50 -5.40	31.11 1.53 -8.59	31.88 1.72 -6.32	25.75 1.37 -4.01	23.77 1.40 -2.70	21.08 1.08 -3.83
N. QUEENS_27_KV_LOAD 356247	22.69 1.52 0.01	21.27 1.35 0.01	20.58 1.29 0.01	20.30 1.29 0.01	20.33 1.31 0.01	20.63 1.03 -1.54	22.80 1.08 -2.83	23.53 1.09 -4.93	22.67 1.44 -1.29	21.05 1.43 -1.26	20.70 1.31 -3.26	20.24 1.27 -3.70	20.45 1.40 -2.91	20.19 1.42 -2.63	19.99 1.40 -2.85	20.19 1.34 -2.83	21.07 1.29 -3.61	24.24 1.51 -4.60	28.20 1.63 -5.67	31.61 1.60 -9.03	32.24 1.76 -6.63	25.93 1.34 -4.21	23.94 1.44 -2.83	21.28 1.10 -4.02
N. TROY___115KV_TB1 355778	21.94 0.76 0.00	20.66 0.74 0.00	19.99 0.69 0.00	19.74 0.72 0.00	19.81 0.78 0.00	20.86 0.63 -2.16	23.53 0.66 -3.98	25.03 0.60 -6.92	22.49 0.74 -1.81	20.79 0.66 -1.78	21.27 0.56 -4.58	20.99 0.52 -5.19	20.79 0.57 -4.08	20.38 0.55 -3.69	20.28 0.54 -4.00	20.55 0.56 -3.98	21.82 0.58 -5.08	25.25 0.65 -6.46	29.64 0.77 -7.96	34.44 0.78 -12.68	33.97 0.91 -9.22	27.10 0.82 -5.91	24.42 0.77 -3.98	22.35 0.53 -5.65
NARROWS_GT1_1 24228	22.98 1.80 -0.01	21.56 1.63 0.00	20.85 1.56 0.00	20.62 1.60 0.00	20.55 1.52 0.00	20.83 1.23 -1.54	22.97 1.25 -2.83	23.64 1.19 -4.93	22.77 1.54 -1.29	21.16 1.54 -1.26	20.79 1.40 -3.26	20.36 1.39 -3.70	20.53 1.48 -2.91	20.25 1.48 -2.63	20.06 1.46 -2.85	20.27 1.42 -2.83	21.21 1.44 -3.61	24.38 1.65 -4.60	28.39 1.82 -5.67	31.80 1.78 -9.03	32.28 1.96 -6.48	26.13 1.55 -4.21	24.16 1.65 -2.83	21.48 1.29 -4.03
NARROWS_GT1_2 24229	22.98 1.80 -0.01	21.56 1.63 0.00	20.85 1.56 0.00	20.62 1.60 0.00	20.55 1.52 0.00	20.83 1.23 -1.54	22.97 1.25 -2.83	23.64 1.19 -4.93	22.77 1.54 -1.29	21.16 1.54 -1.26	20.79 1.40 -3.26	20.36 1.39 -3.70	20.53 1.48 -2.91	20.25 1.48 -2.63	20.06 1.46 -2.85	20.27 1.42 -2.83	21.21 1.44 -3.61	24.38 1.65 -4.60	28.39 1.82 -5.67	31.80 1.78 -9.03	32.28 1.96 -6.48	26.13 1.55 -4.21	24.16 1.65 -2.83	21.48 1.29 -4.03
NARROWS_GT1_3 24230	22.98 1.80 -0.01	21.56 1.63 0.00	20.85 1.56 0.00	20.62 1.60 0.00	20.55 1.52 0.00	20.83 1.23 -1.54	22.97 1.25 -2.83	23.64 1.19 -4.93	22.77 1.54 -1.29	21.16 1.54 -1.26	20.79 1.40 -3.26	20.36 1.39 -3.70	20.53 1.48 -2.91	20.25 1.48 -2.63	20.06 1.46 -2.85	20.27 1.42 -2.83	21.21 1.44 -3.61	24.38 1.65 -4.60	28.39 1.82 -5.67	31.80 1.78 -9.03	32.28 1.96 -6.48	26.13 1.55 -4.21	24.16 1.65 -2.83	21.48 1.29 -4.03
NARROWS_GT1_4 24231	22.98 1.80 -0.01	21.56 1.63 0.00	20.85 1.56 0.00	20.62 1.60 0.00	20.55 1.52 0.00	20.83 1.23 -1.54	22.97 1.25 -2.83	23.64 1.19 -4.93	22.77 1.54 -1.29	21.16 1.54 -1.26	20.79 1.40 -3.26	20.36 1.39 -3.70	20.53 1.48 -2.91	20.25 1.48 -2.63	20.06 1.46 -2.85	20.27 1.42 -2.83	21.21 1.44 -3.61	24.38 1.65 -4.60	28.39 1.82 -5.67	31.80 1.78 -9.03	32.28 1.96 -6.48	26.13 1.55 -4.21	24.16 1.65 -2.83	21.48 1.29 -4.03
NARROWS_GT1_5 24232	22.98 1.80 -0.01	21.56 1.63 0.00	20.85 1.56 0.00	20.62 1.60 0.00	20.55 1.52 0.00	20.83 1.23 -1.54	22.97 1.25 -2.83	23.64 1.19 -4.93	22.77 1.54 -1.29	21.16 1.54 -1.26	20.79 1.40 -3.26	20.36 1.39 -3.70	20.53 1.48 -2.91	20.25 1.48 -2.63	20.06 1.46 -2.85	20.27 1.42 -2.83	21.21 1.44 -3.61	24.38 1.65 -4.60	28.39 1.82 -5.67	31.80 1.78 -9.03	32.28 1.96 -6.48	26.13 1.55 -4.21	24.16 1.65 -2.83	21.48 1.29 -4.03
NARROWS_GT1_6 24233	22.98 1.80 -0.01	21.56 1.63 0.00	20.85 1.56 0.00	20.62 1.60 0.00	20.55 1.52 0.00	20.83 1.23 -1.54	22.97 1.25 -2.83	23.64 1.19 -4.93	22.77 1.54 -1.29	21.16 1.54 -1.26	20.79 1.40 -3.26	20.36 1.39 -3.70	20.53 1.48 -2.91	20.25 1.48 -2.63	20.06 1.46 -2.85	20.27 1.42 -2.83	21.21 1.44 -3.61	24.38 1.65 -4.60	28.39 1.82 -5.67	31.80 1.78 -9.03	32.28 1.96 -6.48	26.13 1.55 -4.21	24.16 1.65 -2.83	21.48 1.29 -4.03
NARROWS_GT1_7 24234	22.98 1.80 -0.01	21.56 1.63 0.00	20.85 1.56 0.00	20.62 1.60 0.00	20.55 1.52 0.00	20.83 1.23 -1.54	22.97 1.25 -2.83	23.64 1.19 -4.93	22.77 1.54 -1.29	21.16 1.54 -1.26	20.79 1.40 -3.26	20.36 1.39 -3.70	20.53 1.48 -2.91	20.25 1.48 -2.63	20.06 1.46 -2.85	20.27 1.42 -2.83	21.21 1.44 -3.61	24.38 1.65 -4.60	28.39 1.82 -5.67	31.80 1.78 -9.03	32.28 1.96 -6.48	26.13 1.55 -4.21	24.16 1.65 -2.83	21.48 1.29 -4.03
NARROWS_GT1_8 24235	22.98 1.80 -0.01	21.56 1.63 0.00	20.85 1.56 0.00	20.62 1.60 0.00	20.55 1.52 0.00	20.83 1.23 -1.54	22.97 1.25 -2.83	23.64 1.19 -4.93	22.77 1.54 -1.29	21.16 1.54 -1.26	20.79 1.40 -3.26	20.36 1.39 -3.70	20.53 1.48 -2.91	20.25 1.48 -2.63	20.06 1.46 -2.85	20.27 1.42 -2.83	21.21 1.44 -3.61	24.38 1.65 -4.60	28.39 1.82 -5.67	31.80 1.78 -9.03	32.28 1.96 -6.48	26.13 1.55 -4.21	24.16 1.65 -2.83	21.48 1.29 -4.03
NARROWS_GT2_1 24236	22.98 1.80 -0.01	21.56 1.63 0.00	20.85 1.56 0.00	20.62 1.60 0.00	20.55 1.52 0.00	20.83 1.23 -1.54	22.97 1.25 -2.83	23.64 1.19 -4.93	22.77 1.54 -1.29	21.16 1.54 -1.26	20.79 1.40 -3.26	20.36 1.39 -3.70	20.53 1.48 -2.91	20.25 1.48 -2.63	20.06 1.46 -2.85	20.27 1.42 -2.83	21.21 1.44 -3.61	24.38 1.65 -4.60	28.39 1.82 -5.67	31.80 1.78 -9.03	32.28 1.96 -6.48	26.13 1.55 -4.21	24.16 1.65 -2.83	21.48 1.29 -4.03
NARROWS_GT2_2 24237	22.98 1.80 -0.01	21.56 1.63 0.00	20.85 1.56 0.00	20.62 1.60 0.00	20.55 1.52 0.00	20.83 1.23 -1.54	22.97 1.25 -2.83	23.64 1.19 -4.93	22.77 1.54 -1.29	21.16 1.54 -1.26	20.79 1.40 -3.26	20.36 1.39 -3.70	20.53 1.48 -2.91	20.25 1.48 -2.63	20.06 1.46 -2.85	20.27 1.42 -2.83	21.21 1.44 -3.61	24.38 1.65 -4.60	28.39 1.82 -5.67	31.80 1.78 -9.03	32.28 1.96 -6.48	26.13 1.55 -4.21	24.16 1.65 -2.83	21.48 1.29 -4.03
NARROWS_GT2_3 24238	22.98 1.80 -0.01	21.56 1.63 0.00	20.85 1.56 0.00	20.62 1.60 0.00	20.55 1.52 0.00	20.83 1.23 -1.54	22.97 1.25 -2.83	23.64 1.19 -4.93	22.77 1.54 -1.29	21.16 1.54 -1.26	20.79 1.40 -3.26	20.36 1.39 -3.70	20.53 1.48 -2.91	20.25 1.48 -2.63	20.06 1.46 -2.85	20.27 1.42 -2.83	21.21 1.44 -3.61	24.38 1.65 -4.60	28.39 1.82 -5.67	31.80 1.78 -9.03	32.28 1.96 -6.48	26.13 1.55 -4.21	24.16 1.65 -2.83	21.48 1.29 -4.03
NARROWS_GT2_4 24239	22.98 1.80 -0.01	21.56 1.63 0.00	20.85 1.56 0.00	20.62 1.60 0.00	20.55 1.52 0.00	20.83 1.23 -1.54	22.97 1.25 -2.83	23.64 1.19 -4.93	22.77 1.54 -1.29	21.16 1.54 -1.26	20.79 1.40 -3.26	20.36 1.39 -3.70	20.53 1.48 -2.91	20.25 1.48 -2.63	20.06 1.46 -2.85	20.27 1.42 -2.83	21.21 1.44 -3.61	24.38 1.65 -4.60	28.39 1.82 -5.67	31.80 1.78 -9.03	32.28 1.96 -6.48	26.13 1.55 -4.21	24.16 1.65 -2.83	21.48 1.29 -4.03

NARROWS_GT2_5 24240	22.98 1.80 -0.01	21.56 1.63 0.00	20.85 1.56 0.00	20.62 1.60 0.00	20.55 1.52 0.00	20.83 1.23 -1.54	22.97 1.25 -2.83	23.64 1.19 -4.93	22.77 1.54 -1.29	21.16 1.54 -1.26	20.79 1.40 -3.26	20.36 1.39 -3.70	20.53 1.48 -2.91	20.25 1.48 -2.63	20.06 1.46 -2.85	20.27 1.42 -2.83	21.21 1.44 -3.61	24.38 1.65 -4.60	28.39 1.82 -5.67	31.80 1.78 -9.03	32.28 1.96 -6.48	26.13 1.55 -4.21	24.16 1.65 -2.83	21.48 1.29 -4.03
NARROWS_GT2_6 24241	22.98 1.80 -0.01	21.56 1.63 0.00	20.85 1.56 0.00	20.62 1.60 0.00	20.55 1.52 0.00	20.83 1.23 -1.54	22.97 1.25 -2.83	23.64 1.19 -4.93	22.77 1.54 -1.29	21.16 1.54 -1.26	20.79 1.40 -3.26	20.36 1.39 -3.70	20.53 1.48 -2.91	20.25 1.48 -2.63	20.06 1.46 -2.85	20.27 1.42 -2.83	21.21 1.44 -3.61	24.38 1.65 -4.60	28.39 1.82 -5.67	31.80 1.78 -9.03	32.28 1.96 -6.48	26.13 1.55 -4.21	24.16 1.65 -2.83	21.48 1.29 -4.03
NARROWS_GT2_7 24242	22.98 1.80 -0.01	21.56 1.63 0.00	20.85 1.56 0.00	20.62 1.60 0.00	20.55 1.52 0.00	20.83 1.23 -1.54	22.97 1.25 -2.83	23.64 1.19 -4.93	22.77 1.54 -1.29	21.16 1.54 -1.26	20.79 1.40 -3.26	20.36 1.39 -3.70	20.53 1.48 -2.91	20.25 1.48 -2.63	20.06 1.46 -2.85	20.27 1.42 -2.83	21.21 1.44 -3.61	24.38 1.65 -4.60	28.39 1.82 -5.67	31.80 1.78 -9.03	32.28 1.96 -6.48	26.13 1.55 -4.21	24.16 1.65 -2.83	21.48 1.29 -4.03
NARROWS_GT2_8 24243	22.98 1.80 -0.01	21.56 1.63 0.00	20.85 1.56 0.00	20.62 1.60 0.00	20.55 1.52 0.00	20.83 1.23 -1.54	22.97 1.25 -2.83	23.64 1.19 -4.93	22.77 1.54 -1.29	21.16 1.54 -1.26	20.79 1.40 -3.26	20.36 1.39 -3.70	20.53 1.48 -2.91	20.25 1.48 -2.63	20.06 1.46 -2.85	20.27 1.42 -2.83	21.21 1.44 -3.61	24.38 1.65 -4.60	28.39 1.82 -5.67	31.80 1.78 -9.03	32.28 1.96 -6.48	26.13 1.55 -4.21	24.16 1.65 -2.83	21.48 1.29 -4.03
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	21.75 0.57 0.00	20.58 0.66 0.00	19.91 0.62 0.00	19.70 0.68 0.00	19.79 0.76 0.00	20.54 0.54 -1.93	23.06 0.60 -3.56	24.23 0.51 -6.20	22.20 0.64 -1.62	20.51 0.57 -1.59	20.65 0.42 -4.10	20.28 0.35 -4.65	20.19 0.39 -3.66	19.82 0.37 -3.30	19.70 0.38 -3.58	19.99 0.42 -3.57	21.22 0.52 -4.55	24.52 0.60 -5.79	28.72 0.69 -7.13	33.08 0.73 -11.36	33.04 0.91 -8.29	26.47 0.79 -5.29	23.94 0.71 -3.56	21.68 0.45 -5.07
NCHELSEA_115KV_TR2 355582	22.57 1.40 0.00	21.26 1.33 0.00	20.57 1.27 0.00	20.35 1.33 0.00	20.40 1.37 0.00	20.81 1.19 -1.55	23.01 1.27 -2.86	23.72 1.23 -4.97	22.74 1.50 -1.30	21.06 1.43 -1.28	20.68 1.26 -3.29	20.17 1.16 -3.73	20.37 1.29 -2.93	20.07 1.28 -2.65	19.86 1.24 -2.87	20.10 1.23 -2.86	21.05 1.24 -3.65	24.24 1.47 -4.64	28.23 1.61 -5.72	31.73 1.64 -9.11	32.42 1.88 -6.69	26.13 1.51 -4.24	24.03 1.50 -2.86	21.39 1.16 -4.06
NEG CAPITAL___MECHNVIL 23645	22.25 1.08 0.00	20.94 1.02 0.00	20.28 0.98 0.00	20.01 0.99 0.00	20.04 1.01 0.00	21.11 0.83 -2.21	23.87 0.91 -4.07	25.43 0.82 -7.08	22.77 0.98 -1.85	21.05 0.88 -1.82	21.56 0.74 -4.69	21.32 0.73 -5.32	21.01 0.69 -4.18	20.61 0.69 -3.77	20.50 0.66 -4.10	20.80 0.72 -4.07	22.12 0.76 -5.19	25.63 0.89 -6.61	30.07 1.02 -8.15	35.03 1.07 -12.97	34.42 1.26 -9.32	27.52 1.10 -6.05	24.79 1.04 -4.07	22.71 0.76 -5.79
NEG CENTRAL_HIGH_ACRES 23767	20.22 -0.95 0.00	19.01 -0.92 0.00	18.41 -0.89 0.00	18.12 -0.89 0.00	18.15 -0.87 0.00	17.44 -0.83 -0.21	18.46 -0.81 -0.38	17.36 -0.82 -0.66	19.00 -1.12 -0.17	17.51 -1.01 -0.17	15.63 -0.94 -0.44	14.87 -0.90 -0.50	15.60 -0.94 -0.39	15.53 -0.97 -0.35	15.21 -0.91 -0.38	15.50 -0.90 -0.38	15.79 -0.86 -0.49	17.72 -1.03 -0.62	20.47 -1.19 -0.76	21.01 -1.20 -1.22	21.09 -1.26 1.49	19.93 -1.02 -0.57	19.07 -0.98 -0.38	15.98 -0.73 -0.54
NEG CENTRAL___DRP 24199	21.18 0.00 0.00	19.92 0.00 0.00	19.31 0.02 0.00	19.04 0.02 0.00	19.03 0.00 0.00	18.15 -0.14 -0.23	19.21 -0.09 -0.42	18.10 -0.14 -0.72	19.83 -0.30 -0.19	18.24 -0.29 -0.19	16.30 -0.31 -0.48	15.54 -0.27 -0.54	16.25 -0.32 -0.43	16.22 -0.31 -0.39	15.83 -0.33 -0.42	16.14 -0.29 -0.42	16.43 -0.26 -0.53	18.50 -0.31 -0.68	21.38 -0.36 -0.83	22.02 -0.29 -1.32	35.74 -0.29 -12.18	20.79 -0.20 -0.62	19.89 -0.20 -0.42	16.62 -0.13 -0.59
NEG CENTRAL___INDECK 23768	21.30 0.13 0.00	20.00 0.08 0.00	19.37 0.08 0.00	19.06 0.04 0.00	19.07 0.04 0.00	18.33 -0.02 -0.28	19.51 0.09 -0.52	18.41 -0.02 -0.91	19.84 -0.34 -0.24	18.29 -0.29 -0.23	16.34 -0.39 -0.60	15.63 -0.32 -0.68	16.28 -0.40 -0.54	16.16 -0.47 -0.48	15.91 -0.36 -0.52	16.18 -0.35 -0.52	16.55 -0.27 -0.67	18.65 -0.33 -0.85	21.61 -0.34 -1.04	22.38 -0.27 -1.66	25.86 -0.14 -2.15	21.09 -0.06 -0.78	20.16 -0.04 -0.52	16.97 0.06 -0.74
NEG CENTRAL___SENECA 23627	21.20 0.02 0.00	19.96 0.04 0.00	19.33 0.04 0.00	19.06 0.04 0.00	19.05 0.02 0.00	18.20 -0.11 -0.25	19.31 -0.04 -0.46	18.22 -0.09 -0.79	19.87 -0.28 -0.21	18.28 -0.28 -0.20	16.36 -0.29 -0.53	15.63 -0.24 -0.60	16.30 -0.31 -0.47	16.28 -0.29 -0.42	15.86 -0.35 -0.46	16.16 -0.30 -0.46	16.48 -0.26 -0.58	18.55 -0.33 -0.74	21.44 -0.38 -0.91	22.13 -0.31 -1.45	43.75 -0.29 -20.20	20.85 -0.20 -0.68	19.93 -0.20 -0.46	16.73 -0.08 -0.65
NEG CENTRAL___STATE_STREET 24147	21.30 0.13 0.00	20.04 0.12 0.00	19.41 0.12 0.00	19.15 0.13 0.00	19.14 0.11 0.00	18.23 -0.05 -0.22	19.29 0.00 -0.40	18.20 -0.02 -0.70	20.02 -0.10 -0.18	18.40 -0.13 -0.18	16.41 -0.18 -0.46	15.63 -0.17 -0.52	16.36 -0.19 -0.41	16.35 -0.16 -0.37	16.10 -0.05 -0.40	16.40 -0.02 -0.40	16.69 0.02 -0.51	18.80 0.02 -0.65	21.72 0.02 -0.80	22.31 0.04 -1.28	27.33 0.14 -3.34	21.12 0.14 -0.60	20.19 0.12 -0.40	16.68 -0.05 -0.57
NEG MILLWOOD___DRP 24198	22.66 1.48 0.00	21.28 1.35 0.00	20.58 1.29 0.00	20.37 1.35 0.00	20.40 1.37 0.00	20.81 1.17 -1.57	23.03 1.25 -2.89	23.77 1.23 -5.03	22.77 1.52 -1.32	21.11 1.47 -1.29	20.71 1.26 -3.33	20.21 1.16 -3.78	20.42 1.31 -2.97	20.11 1.29 -2.68	19.91 1.26 -2.91	20.14 1.23 -2.89	21.09 1.24 -3.69	24.32 1.49 -4.70	28.32 1.63 -5.79	31.84 1.64 -9.21	32.47 1.86 -6.77	26.18 1.51 -4.29	24.06 1.50 -2.89	21.42 1.15 -4.11
NEG NORTH_FLCN_SEA 23793	21.64 0.47 0.00	20.32 0.40 0.00	19.64 0.35 0.00	19.13 0.11 0.00	19.09 0.06 0.00	18.18 0.11 -0.01	19.02 0.11 -0.02	17.79 0.25 -0.03	20.27 0.32 -0.01	18.63 0.28 -0.01	16.34 0.19 -0.02	15.45 0.15 -0.02	16.32 0.16 -0.02	16.24 0.08 -0.01	15.87 0.11 -0.02	16.09 0.06 -0.02	16.24 0.06 -0.02	18.34 0.18 -0.02	21.22 0.29 -0.03	21.21 0.17 -0.05	23.90 0.02 -0.03	20.36 -0.04 -0.02	19.59 -0.10 -0.02	16.05 -0.13 -0.02
NEG NORTH_KES_CHATEGAY 23792	21.41 0.23 0.00	20.10 0.18 0.00	19.43 0.14 0.00	18.94 -0.08 0.00	18.90 -0.13 0.00	18.00 -0.07 -0.01	18.83 -0.08 -0.02	17.60 0.05 -0.03	20.07 0.12 -0.01	18.45 0.09 -0.01	16.18 0.03 -0.02	15.28 -0.02 -0.02	16.13 -0.03 -0.02	16.06 -0.10 -0.01	15.70 -0.06 -0.02	15.91 -0.11 -0.02	16.07 -0.11 -0.02	18.12 -0.04 -0.03	20.97 0.04 -0.03	20.98 -0.06 -0.05	23.64 -0.24 -0.04	20.14 -0.26 -0.02	19.39 -0.30 -0.02	15.91 -0.27 -0.02



NEG NORTH___ALICE_FALLS 23915	21.66 0.49 0.00	20.34 0.42 0.00	19.66 0.37 0.00	19.13 0.11 0.00	19.09 0.06 0.00	18.20 0.13 -0.01	19.04 0.13 -0.02	17.82 0.28 -0.03	20.29 0.34 -0.01	18.67 0.31 -0.01	16.35 0.21 -0.02	15.46 0.17 -0.02	16.32 0.16 -0.02	16.25 0.10 -0.01	15.85 0.09 -0.02	16.09 0.06 -0.02	16.24 0.06 -0.02	18.36 0.20 -0.02	21.24 0.31 -0.03	21.23 0.19 -0.05	23.95 0.07 -0.03	20.38 -0.02 -0.02	19.61 -0.08 -0.02	16.09 -0.10 -0.02
NEG NORTH___LWR_SARANAC 23913	21.66 0.49 0.00	20.34 0.42 0.00	19.66 0.37 0.00	19.13 0.11 0.00	19.09 0.06 0.00	18.20 0.13 -0.01	19.04 0.13 -0.02	17.82 0.28 -0.03	20.29 0.34 -0.01	18.67 0.31 -0.01	16.35 0.21 -0.02	15.46 0.17 -0.02	16.32 0.16 -0.02	16.25 0.10 -0.01	15.85 0.09 -0.02	16.09 0.06 -0.02	16.24 0.06 -0.02	18.36 0.20 -0.02	21.24 0.31 -0.03	21.23 0.19 -0.05	23.95 0.07 -0.03	20.38 -0.02 -0.02	19.61 -0.08 -0.02	16.09 -0.10 -0.02
NEG NORTH___PLATTSBURG 23628	21.66 0.49 0.00	20.34 0.42 0.00	19.66 0.37 0.00	19.13 0.11 0.00	19.09 0.06 0.00	18.19 0.13 0.00	19.02 0.13 0.00	17.80 0.28 0.00	20.28 0.34 0.00	18.66 0.31 0.00	16.34 0.21 0.00	15.49 0.21 0.00	16.30 0.16 0.00	16.24 0.10 0.00	15.84 0.10 0.00	16.07 0.06 0.00	16.23 0.06 0.00	18.33 0.20 0.00	21.21 0.31 0.00	21.18 0.19 0.00	23.92 0.07 0.00	20.36 -0.02 0.00	19.59 -0.08 0.00	16.06 -0.10 0.00
NEG WEST_LEA_LOCKPORT 23791	19.69 -1.48 0.00	18.61 -1.32 0.00	18.02 -1.27 0.00	17.76 -1.26 0.00	17.68 -1.35 0.00	17.04 -1.28 -0.25	18.11 -1.25 -0.47	16.99 -1.35 -0.82	18.28 -1.87 -0.21	16.98 -1.58 -0.21	15.25 -1.42 -0.54	14.66 -1.22 -0.61	15.19 -1.44 -0.48	15.12 -1.45 -0.43	14.80 -1.42 -0.47	15.07 -1.41 -0.47	15.40 -1.36 -0.60	17.25 -1.65 -0.76	19.83 -2.01 -0.94	20.49 -1.99 -1.50	21.13 -1.98 0.73	19.32 -1.75 -0.70	18.47 -1.67 -0.47	15.76 -1.07 -0.67
NEG WEST___LANCASTR 23811	20.46 -0.72 0.00	19.31 -0.62 0.00	18.73 -0.56 0.00	18.47 -0.55 0.00	18.42 -0.61 0.00	16.96 -1.41 -0.30	18.08 -1.36 -0.55	17.11 -1.37 -0.96	18.36 -1.83 -0.25	17.02 -1.58 -0.25	15.34 -1.42 -0.64	14.74 -1.25 -0.72	15.27 -1.44 -0.56	15.20 -1.45 -0.51	14.88 -1.42 -0.55	15.15 -1.41 -0.55	15.47 -1.39 -0.70	17.40 -1.63 -0.90	20.00 -2.01 -1.10	20.80 -1.95 -1.76	21.41 -2.12 0.31	19.44 -1.75 -0.82	18.49 -1.73 -0.55	15.77 -1.18 -0.78
NEG_PENN_ALLEGHNY 23528	21.43 0.26 0.00	20.14 0.22 0.00	19.52 0.23 0.00	19.25 0.23 0.00	19.24 0.21 0.00	18.56 0.00 -0.49	19.86 0.06 -0.91	19.12 0.02 -1.58	20.28 -0.08 -0.41	18.68 -0.07 -0.41	17.08 -0.10 -1.05	16.37 -0.09 -1.19	17.00 -0.08 -0.93	16.91 -0.08 -0.84	16.58 -0.08 -0.91	16.86 -0.06 -0.91	17.29 -0.03 -1.16	19.56 -0.05 -1.48	22.64 -0.08 -1.82	23.85 0.00 -2.90	26.83 0.00 -2.99	21.73 0.00 -1.35	20.58 0.00 -0.91	17.49 0.03 -1.29
NEG___GEN_MONROE 24207	20.37 -0.80 0.00	19.19 -0.74 0.00	18.64 -0.66 0.00	18.37 -0.65 0.00	18.36 -0.67 0.00	17.69 -0.60 -0.22	18.70 -0.59 -0.40	17.55 -0.67 -0.70	19.11 -1.02 -0.18	17.65 -0.88 -0.18	15.77 -0.82 -0.46	15.08 -0.72 -0.52	15.73 -0.82 -0.41	15.69 -0.82 -0.37	15.36 -0.79 -0.40	15.64 -0.77 -0.40	15.93 -0.74 -0.51	17.86 -0.92 -0.65	20.59 -1.11 -0.80	21.22 -1.05 -1.28	21.28 -1.07 1.49	20.12 -0.86 -0.59	19.27 -0.81 -0.40	16.24 -0.48 -0.57
NEPA___ENERGY 23901	20.41 -0.76 0.00	19.23 -0.70 0.00	18.67 -0.62 0.00	18.41 -0.61 0.00	18.38 -0.65 0.00	17.47 -0.96 -0.36	18.66 -0.89 -0.66	17.77 -0.89 -1.15	18.97 -1.28 -0.30	17.56 -1.08 -0.29	15.90 -0.98 -0.76	15.29 -0.84 -0.86	15.83 -0.98 -0.68	15.75 -1.00 -0.61	15.44 -0.96 -0.66	15.71 -0.96 -0.66	16.08 -0.92 -0.84	18.08 -1.12 -1.07	20.82 -1.40 -1.32	21.75 -1.34 -2.10	23.87 -1.48 -1.51	20.15 -1.20 -0.98	19.17 -1.16 -0.66	16.32 -0.78 -0.94
NEVERSINK___HYD 23608	22.81 1.63 0.00	21.60 1.67 0.00	20.80 1.51 0.00	20.63 1.62 0.00	20.61 1.58 0.00	20.80 1.41 -1.33	22.83 1.49 -2.45	23.25 1.47 -4.26	22.77 1.72 -1.11	21.04 1.60 -1.09	20.32 1.37 -2.82	19.68 1.21 -3.20	20.09 1.44 -2.51	19.82 1.40 -2.27	19.47 1.26 -2.46	19.72 1.26 -2.45	20.59 1.31 -3.12	23.67 1.56 -3.98	27.54 1.73 -4.90	30.58 1.78 -7.80	31.52 2.07 -5.60	25.65 1.63 -3.64	23.74 1.61 -2.45	21.05 1.41 -3.48
NEWKRMKL_115KV_TB1 55635	21.60 0.42 0.00	20.36 0.44 0.00	19.74 0.44 0.00	19.49 0.48 0.00	19.56 0.53 0.00	20.54 0.34 -2.13	23.17 0.36 -3.92	24.64 0.30 -6.82	22.19 0.46 -1.78	20.54 0.44 -1.75	21.02 0.37 -4.52	20.73 0.34 -5.12	20.54 0.37 -4.02	20.15 0.37 -3.64	20.03 0.35 -3.95	20.30 0.37 -3.92	21.55 0.39 -5.00	24.88 0.38 -6.37	29.21 0.46 -7.85	33.93 0.44 -12.50	33.47 0.52 -9.10	26.67 0.47 -5.83	24.03 0.43 -3.92	22.01 0.27 -5.58
NEWTON___FALLS_HYD 23847	20.43 -0.74 0.00	19.23 -0.70 0.00	18.60 -0.69 0.00	18.30 -0.72 0.00	18.29 -0.74 0.00	17.40 -0.70 -0.04	18.17 -0.79 -0.08	16.95 -0.70 -0.13	19.14 -0.84 -0.04	17.52 -0.86 -0.03	15.41 -0.81 -0.09	14.58 -0.79 -0.10	15.41 -0.81 -0.08	15.39 -0.82 -0.07	15.05 -0.77 -0.08	15.30 -0.78 -0.08	15.47 -0.79 -0.10	17.46 -0.80 -0.13	20.26 -0.79 -0.15	20.42 -0.82 -0.25	23.12 -0.91 -0.19	19.72 -0.77 -0.11	18.92 -0.83 -0.08	15.58 -0.69 -0.11
NGRID_A1_DSASP 323792	19.33 -1.84 0.00	18.15 -1.77 0.00	17.61 -1.68 0.00	17.33 -1.69 0.00	17.33 -1.69 0.00	16.73 -1.59 -0.25	17.81 -1.55 -0.47	16.71 -1.63 -0.82	17.96 -2.19 -0.21	16.71 -1.85 -0.21	15.01 -1.66 -0.54	14.29 -1.57 -0.59	14.92 -1.68 -0.46	14.81 -1.74 -0.41	14.55 -1.64 -0.45	14.82 -1.63 -0.45	15.13 -1.60 -0.57	16.94 -1.96 -0.76	19.50 -2.34 -0.94	20.16 -2.33 -1.50	20.69 -2.60 0.55	19.00 -2.08 -0.70	18.16 -1.99 -0.47	15.49 -1.34 -0.67
NGRID_A2_DSASP 323793	19.33 -1.84 0.00	18.15 -1.77 0.00	17.61 -1.68 0.00	17.33 -1.69 0.00	17.33 -1.69 0.00	16.73 -1.59 -0.25	17.81 -1.55 -0.47	16.71 -1.63 -0.82	17.96 -2.19 -0.21	16.71 -1.85 -0.21	15.01 -1.66 -0.54	14.29 -1.57 -0.59	14.92 -1.68 -0.46	14.81 -1.74 -0.41	14.55 -1.64 -0.45	14.82 -1.63 -0.45	15.13 -1.60 -0.57	16.94 -1.96 -0.76	19.50 -2.34 -0.94	20.16 -2.33 -1.50	20.69 -2.60 0.55	19.00 -2.08 -0.70	18.16 -1.99 -0.47	15.49 -1.34 -0.67
NGRID_A4_DSASP 323807	19.33 -1.84 0.00	18.15 -1.77 0.00	17.61 -1.68 0.00	17.33 -1.69 0.00	17.33 -1.69 0.00	16.73 -1.59 -0.25	17.81 -1.55 -0.47	16.71 -1.63 -0.82	17.96 -2.19 -0.21	16.71 -1.85 -0.21	15.01 -1.66 -0.54	14.29 -1.57 -0.59	14.92 -1.68 -0.46	14.81 -1.74 -0.41	14.55 -1.64 -0.45	14.82 -1.63 -0.45	15.13 -1.60 -0.57	16.94 -1.96 -0.76	19.50 -2.34 -0.94	20.16 -2.33 -1.50	20.69 -2.60 0.55	19.00 -2.08 -0.70	18.16 -1.99 -0.47	15.49 -1.34 -0.67
NIAGARA_115E_LBMP 323715	19.42 -1.76 0.00	18.23 -1.69 0.00	17.69 -1.60 0.00	17.40 -1.62 0.00	17.41 -1.62 0.00	16.78 -1.54 -0.25	17.81 -1.55 -0.47	16.70 -1.63 -0.81	17.96 -2.19 -0.21	16.69 -1.87 -0.21	14.99 -1.68 -0.54	14.29 -1.59 -0.61	14.94 -1.68 -0.48	14.82 -1.76 -0.43	14.56 -1.65 -0.47	14.83 -1.65 -0.47	15.14 -1.62 -0.59	16.93 -1.96 -0.76	19.50 -2.34 -0.94	20.13 -2.35 -1.49	21.03 -2.19 0.62	18.99 -2.08 -0.69	18.15 -1.99 -0.47	15.53 -1.29 -0.66

NIAGARA_115W_LBMP 323714	19.29 -1.88 0.00	18.11 -1.81 0.00	17.58 -1.72 0.00	17.29 -1.73 0.00	17.30 -1.73 0.00	16.69 -1.63 -0.25	17.77 -1.59 -0.47	16.67 -1.66 -0.82	17.92 -2.23 -0.21	16.67 -1.89 -0.21	14.97 -1.69 -0.54	14.26 -1.60 -0.59	14.89 -1.71 -0.46	14.78 -1.78 -0.41	14.52 -1.67 -0.45	14.79 -1.67 -0.45	15.10 -1.63 -0.57	16.90 -1.99 -0.76	19.46 -2.38 -0.94	20.11 -2.37 -1.49	20.64 -2.65 0.56	18.95 -2.12 -0.70	18.12 -2.03 -0.47	15.45 -1.37 -0.67
NIAGARA_230_LBMP 323716	19.65 -1.52 0.00	18.45 -1.47 0.00	17.90 -1.39 0.00	17.61 -1.41 0.00	17.62 -1.41 0.00	16.98 -1.34 -0.25	18.05 -1.30 -0.46	16.94 -1.38 -0.81	18.24 -1.91 -0.21	16.94 -1.62 -0.21	15.21 -1.45 -0.53	14.51 -1.37 -0.61	15.17 -1.45 -0.48	15.04 -1.53 -0.43	14.79 -1.42 -0.47	15.05 -1.43 -0.47	15.38 -1.37 -0.59	17.18 -1.71 -0.75	19.78 -2.05 -0.93	20.41 -2.06 -1.48	21.03 -2.24 0.57	19.25 -1.81 -0.69	18.41 -1.73 -0.46	15.69 -1.13 -0.66
NIAGARA__115KV_198_GIBSON 55903	19.21 -1.97 0.00	18.15 -1.77 0.00	17.59 -1.70 0.00	17.34 -1.67 0.00	17.35 -1.67 0.00	16.70 -1.63 -0.26	17.78 -1.59 -0.48	16.69 -1.66 -0.83	17.93 -2.23 -0.22	16.68 -1.89 -0.21	14.98 -1.69 -0.55	14.38 -1.48 -0.59	14.89 -1.71 -0.45	14.82 -1.73 -0.41	14.52 -1.67 -0.45	14.79 -1.67 -0.44	15.10 -1.63 -0.57	16.95 -1.96 -0.78	19.47 -2.38 -0.96	20.14 -2.37 -1.52	20.61 -2.65 0.59	18.97 -2.12 -0.71	18.12 -2.03 -0.48	15.47 -1.37 -0.68
NIAGARA____ 23760	19.35 -1.82 0.00	18.17 -1.75 0.00	17.63 -1.66 0.00	17.34 -1.67 0.00	17.35 -1.67 0.00	16.73 -1.59 -0.25	17.79 -1.57 -0.47	16.75 -1.58 -0.81	18.02 -2.13 -0.21	16.74 -1.82 -0.21	15.04 -1.63 -0.54	14.33 -1.54 -0.60	14.98 -1.63 -0.47	14.86 -1.71 -0.42	14.61 -1.59 -0.46	14.87 -1.60 -0.46	15.20 -1.55 -0.59	17.01 -1.89 -0.76	19.58 -2.26 -0.93	20.23 -2.25 -1.49	20.91 -2.36 0.57	19.07 -2.00 -0.69	18.19 -1.95 -0.47	15.49 -1.34 -0.67
NINE_MILE_1 23575	20.67 -0.51 0.00	19.45 -0.48 0.00	18.83 -0.46 0.00	18.56 -0.46 0.00	18.59 -0.44 0.00	17.58 -0.61 -0.13	18.49 -0.64 -0.24	17.29 -0.65 -0.42	19.23 -0.82 -0.11	17.69 -0.77 -0.11	15.71 -0.69 -0.28	14.92 -0.67 -0.31	15.70 -0.69 -0.25	15.67 -0.69 -0.22	15.31 -0.68 -0.24	15.58 -0.67 -0.24	15.80 -0.66 -0.31	17.76 -0.76 -0.39	20.51 -0.88 -0.48	20.90 -0.86 -0.77	23.47 -0.93 -0.55	19.96 -0.77 -0.36	19.17 -0.75 -0.24	15.91 -0.60 -0.34
NINE_MILE_2 23744	20.67 -0.51 0.00	19.45 -0.48 0.00	18.83 -0.46 0.00	18.56 -0.46 0.00	18.59 -0.44 0.00	17.58 -0.61 -0.13	18.49 -0.64 -0.24	17.29 -0.65 -0.42	19.23 -0.82 -0.11	17.69 -0.77 -0.11	15.71 -0.69 -0.28	14.92 -0.67 -0.31	15.70 -0.69 -0.25	15.67 -0.69 -0.22	15.31 -0.68 -0.24	15.58 -0.67 -0.24	15.80 -0.66 -0.31	17.76 -0.76 -0.39	20.51 -0.88 -0.48	20.90 -0.86 -0.77	23.46 -0.93 -0.55	19.96 -0.77 -0.36	19.17 -0.75 -0.24	15.91 -0.60 -0.34
NM_CAPITAL____DRP 24208	21.64 0.47 0.00	20.40 0.48 0.00	19.77 0.48 0.00	19.53 0.51 0.00	19.60 0.57 0.00	20.58 0.40 -2.12	23.20 0.42 -3.90	24.63 0.33 -6.78	22.21 0.50 -1.77	20.57 0.48 -1.74	21.02 0.40 -4.49	20.73 0.37 -5.09	20.55 0.40 -4.00	20.16 0.40 -3.61	20.06 0.39 -3.92	20.33 0.42 -3.90	21.57 0.44 -4.97	24.90 0.44 -6.33	29.21 0.50 -7.81	33.92 0.50 -12.42	33.46 0.57 -9.05	26.68 0.51 -5.79	24.04 0.47 -3.90	22.03 0.32 -5.54
NM_CENTRAL____DRP 24181	21.07 -0.11 0.00	19.82 -0.10 0.00	19.20 -0.10 0.00	18.92 -0.10 0.00	18.91 -0.11 0.00	17.94 -0.29 -0.16	18.91 -0.28 -0.30	17.75 -0.30 -0.53	19.64 -0.44 -0.14	18.06 -0.42 -0.14	16.07 -0.40 -0.35	15.32 -0.35 -0.40	16.08 -0.37 -0.31	16.05 -0.37 -0.28	15.67 -0.38 -0.30	15.95 -0.37 -0.30	16.21 -0.34 -0.39	18.23 -0.40 -0.49	21.05 -0.46 -0.61	21.53 -0.42 -0.96	24.22 -0.43 -0.80	20.46 -0.37 -0.45	19.62 -0.35 -0.30	16.33 -0.26 -0.43
NM_FRONTIER____DRP 24179	19.21 -1.97 0.00	18.15 -1.77 0.00	17.59 -1.70 0.00	17.34 -1.67 0.00	17.35 -1.67 0.00	16.70 -1.63 -0.26	17.78 -1.59 -0.48	16.69 -1.66 -0.83	17.93 -2.23 -0.22	16.68 -1.89 -0.21	14.98 -1.69 -0.55	14.38 -1.48 -0.59	14.89 -1.71 -0.45	14.82 -1.73 -0.41	14.52 -1.67 -0.45	14.79 -1.67 -0.44	15.10 -1.63 -0.57	16.95 -1.96 -0.78	19.47 -2.38 -0.96	20.14 -2.37 -1.52	20.61 -2.65 0.59	18.97 -2.12 -0.71	18.12 -2.03 -0.48	15.47 -1.37 -0.68
NM_ST_REGIS____HYD 24053	20.56 -0.61 0.00	19.35 -0.58 0.00	18.71 -0.58 0.00	18.31 -0.70 0.00	18.31 -0.72 0.00	17.47 -0.61 -0.02	18.25 -0.68 -0.04	17.04 -0.54 -0.06	19.34 -0.62 -0.02	17.76 -0.61 -0.02	15.59 -0.58 -0.04	14.74 -0.58 -0.05	15.58 -0.60 -0.04	15.56 -0.61 -0.03	15.17 -0.61 -0.04	15.41 -0.64 -0.04	15.56 -0.65 -0.05	17.56 -0.63 -0.06	20.32 -0.65 -0.07	20.39 -0.71 -0.12	23.05 -0.88 -0.09	19.66 -0.77 -0.05	18.90 -0.81 -0.04	15.57 -0.65 -0.05
NORTHPORT____1 23551	28.22 1.95 -5.10	26.55 1.83 -4.79	24.06 1.79 -2.97	23.16 1.84 -2.30	24.08 1.79 -3.26	25.02 1.55 -5.40	23.73 1.68 -3.16	29.12 1.61 -9.99	28.30 1.93 -6.42	27.68 1.83 -7.49	23.40 1.61 -5.66	22.57 1.67 -5.63	21.94 1.66 -4.14	22.04 1.68 -4.22	22.60 1.72 -5.14	23.30 1.67 -5.63	25.17 1.63 -7.38	30.59 1.87 -10.59	36.16 1.96 -13.30	36.72 1.97 -13.76	40.73 2.17 -14.71	35.89 1.81 -13.70	26.02 1.93 -4.42	25.57 1.49 -7.92
NORTHPORT____2 23552	28.22 1.95 -5.10	26.55 1.83 -4.79	24.06 1.79 -2.97	23.16 1.84 -2.30	24.08 1.79 -3.26	25.02 1.55 -5.40	23.73 1.68 -3.16	29.12 1.61 -9.99	28.30 1.93 -6.42	27.68 1.83 -7.49	23.40 1.61 -5.66	22.57 1.67 -5.63	21.94 1.66 -4.14	22.04 1.68 -4.22	22.60 1.72 -5.14	23.30 1.67 -5.63	25.17 1.63 -7.38	30.59 1.87 -10.59	36.16 1.96 -13.30	36.72 1.97 -13.76	40.73 2.17 -14.71	35.89 1.81 -13.70	26.02 1.93 -4.42	25.57 1.49 -7.92
NORTHPORT____3 23553	28.37 2.10 -5.10	26.67 1.95 -4.79	24.16 1.89 -2.97	23.24 1.92 -2.30	24.16 1.87 -3.26	25.09 1.63 -5.40	23.76 1.72 -3.15	29.17 1.67 -9.99	28.39 2.04 -6.41	27.78 1.94 -7.48	23.50 1.71 -5.66	22.64 1.74 -5.63	22.04 1.76 -4.14	22.13 1.76 -4.22	22.66 1.78 -5.14	23.39 1.75 -5.63	25.29 1.75 -7.38	30.70 1.98 -10.59	36.33 2.13 -13.30	36.87 2.12 -13.76	40.92 2.36 -14.71	36.03 1.96 -13.70	26.10 2.01 -4.42	25.63 1.55 -7.92
NORTHPORT____4 23650	28.37 2.10 -5.10	26.67 1.95 -4.79	24.16 1.89 -2.97	23.24 1.92 -2.30	24.16 1.87 -3.26	25.09 1.63 -5.40	23.76 1.72 -3.15	29.17 1.67 -9.99	28.39 2.04 -6.41	27.78 1.94 -7.48	23.50 1.71 -5.66	22.64 1.74 -5.63	22.04 1.76 -4.14	22.13 1.76 -4.22	22.66 1.78 -5.14	23.39 1.75 -5.63	25.29 1.75 -7.38	30.70 1.98 -10.59	36.33 2.13 -13.30	36.87 2.12 -13.76	40.92 2.36 -14.71	36.03 1.96 -13.70	26.10 2.01 -4.42	25.63 1.55 -7.92
NORTHPORT____IC 23718	28.22 1.95 -5.10	26.55 1.83 -4.79	24.06 1.79 -2.97	23.16 1.84 -2.30	24.08 1.79 -3.26	25.02 1.55 -5.40	23.73 1.68 -3.16	29.12 1.61 -9.99	28.30 1.93 -6.42	27.68 1.83 -7.49	23.40 1.61 -5.66	22.57 1.67 -5.63	21.94 1.66 -4.14	22.04 1.68 -4.22	22.60 1.72 -5.14	23.30 1.67 -5.63	25.17 1.63 -7.38	30.59 1.87 -10.59	36.16 1.96 -13.30	36.72 1.97 -13.76	40.73 2.17 -14.71	35.89 1.81 -13.70	26.02 1.93 -4.42	25.57 1.49 -7.92

NORTH__COUNTRY_ESR 323785	21.34 0.17 0.00	20.04 0.12 0.00	19.35 0.06 0.00	18.89 -0.13 0.00	18.84 -0.19 0.00	17.94 -0.13 0.00	18.76 -0.13 0.00	17.52 0.00 0.00	20.00 0.06 0.00	18.39 0.04 0.00	16.13 0.00 0.00	15.29 0.02 0.00	16.09 -0.05 0.00	16.05 -0.10 0.00	15.65 -0.09 0.00	15.88 -0.13 0.00	16.01 -0.15 0.00	18.06 -0.07 0.00	20.88 -0.02 0.00	20.86 -0.13 0.00	23.53 -0.31 0.00	20.05 -0.33 0.00	19.32 -0.35 0.00	15.84 -0.32 0.00
NPX_GEN_1385_PROXY 323591	27.89 1.61 -5.10	26.21 1.50 -4.79	23.79 1.52 -2.97	22.97 1.65 -2.30	23.89 1.60 -3.26	24.78 1.32 -5.40	23.67 1.62 -3.16	29.00 1.49 -9.99	28.00 1.64 -6.42	27.35 1.51 -7.49	23.12 1.34 -5.66	22.20 1.30 -5.63	21.70 1.42 -4.14	21.90 1.53 -4.22	22.25 1.37 -5.14	23.00 1.36 -5.63	24.64 1.10 -7.38	30.09 1.36 -10.59	35.49 1.30 -13.30	36.28 1.53 -13.76	40.00 1.50 -14.65	35.40 1.26 -13.76	25.59 1.49 -4.42	25.36 1.28 -7.92
NPX_GEN_CSC 323557	28.33 2.05 -5.10	26.77 2.05 -4.79	24.27 2.01 -2.97	23.41 2.09 -2.30	24.31 2.02 -3.26	25.25 1.79 -5.40	23.99 1.95 -3.15	29.39 1.89 -9.98	28.62 2.27 -6.41	27.99 2.16 -7.48	23.69 1.90 -5.66	22.80 1.89 -5.63	22.18 1.90 -4.14	22.27 1.90 -4.22	22.82 1.94 -5.14	23.43 1.79 -5.63	25.35 1.81 -7.38	30.72 1.99 -10.59	36.33 2.13 -13.30	36.76 2.02 -13.76	40.74 2.24 -14.65	36.07 1.94 -13.76	26.12 2.03 -4.42	25.81 1.73 -7.92
NSINS_S_GLNS_FALLS 23858	22.17 1.00 0.00	20.84 0.92 0.00	20.18 0.89 0.00	19.89 0.87 0.00	20.00 0.97 0.00	21.06 0.78 -2.22	23.87 0.89 -4.09	25.43 0.79 -7.12	22.74 0.94 -1.86	21.00 0.83 -1.83	21.52 0.68 -4.71	21.23 0.61 -5.34	20.94 0.60 -4.20	20.53 0.60 -3.79	20.41 0.55 -4.12	20.73 0.62 -4.09	22.08 0.69 -5.22	25.61 0.83 -6.65	30.08 0.98 -8.19	35.08 1.05 -13.04	34.61 1.29 -9.48	27.58 1.12 -6.08	24.79 1.02 -4.09	22.71 0.73 -5.82
NUCOR_STEEL__DRP 24197	21.39 0.21 0.00	20.12 0.20 0.00	19.49 0.19 0.00	19.23 0.21 0.00	19.22 0.19 0.00	18.30 0.02 -0.22	19.36 0.08 -0.40	18.24 0.04 -0.69	20.06 -0.06 -0.18	18.44 -0.09 -0.18	16.42 -0.16 -0.46	15.64 -0.15 -0.52	16.37 -0.18 -0.41	16.37 -0.15 -0.37	16.00 -0.14 -0.40	16.30 -0.11 -0.40	16.59 -0.08 -0.51	18.70 -0.07 -0.64	21.59 -0.10 -0.79	22.17 -0.08 -1.26	26.19 0.00 -2.35	20.99 0.02 -0.59	20.07 0.00 -0.40	16.74 0.02 -0.56
NUMBER_THREE_WT_PWR 323818	21.01 -0.17 0.00	19.76 -0.16 0.00	19.10 -0.19 0.00	18.85 -0.17 0.00	18.84 -0.19 0.00	17.91 -0.22 -0.06	18.73 -0.28 -0.12	17.48 -0.25 -0.20	19.62 -0.38 -0.05	17.96 -0.44 -0.05	15.81 -0.45 -0.14	14.98 -0.44 -0.15	15.81 -0.45 -0.12	15.78 -0.47 -0.11	15.40 -0.46 -0.12	15.68 -0.45 -0.12	15.88 -0.44 -0.15	17.91 -0.42 -0.19	20.80 -0.34 -0.24	21.05 -0.31 -0.38	23.83 -0.29 -0.27	20.29 -0.27 -0.17	19.46 -0.33 -0.12	16.07 -0.26 -0.17
NYISO_LBMP_REFERENCE 24008	21.18 0.00 0.00	19.92 0.00 0.00	19.29 0.00 0.00	19.02 0.00 0.00	19.03 0.00 0.00	18.07 0.00 0.00	18.89 0.00 0.00	17.52 0.00 0.00	19.94 0.00 0.00	18.35 0.00 0.00	16.13 0.00 0.00	15.27 0.00 0.00	16.14 0.00 0.00	16.14 0.00 0.00	15.74 0.00 0.00	16.01 0.00 0.00	16.16 0.00 0.00	18.13 0.00 0.00	20.90 0.00 0.00	20.99 0.00 0.00	23.84 0.00 0.00	20.38 0.00 0.00	19.67 0.00 0.00	16.16 0.00 0.00
NYPA_BRENTWD__GT 24164	28.48 2.20 -5.10	26.77 2.05 -4.79	24.25 1.99 -2.97	23.35 2.04 -2.30	24.27 1.98 -3.26	25.20 1.73 -5.40	23.90 1.85 -3.15	29.27 1.79 -9.97	28.49 2.15 -6.39	27.85 2.04 -7.46	23.58 1.79 -5.66	22.73 1.83 -5.63	22.10 1.82 -4.14	22.21 1.84 -4.22	22.77 1.89 -5.14	23.48 1.84 -5.63	25.37 1.83 -7.38	30.81 2.08 -10.59	36.43 2.24 -13.30	36.97 2.22 -13.76	41.04 2.48 -14.71	36.15 2.08 -13.70	26.26 2.16 -4.42	25.76 1.68 -7.92
NYPA_GOWANUS__GT5 24156	22.98 1.80 -0.01	21.56 1.63 0.00	20.85 1.56 0.00	20.62 1.60 0.00	20.55 1.52 0.00	20.83 1.23 -1.54	22.97 1.25 -2.83	23.64 1.19 -4.93	22.77 1.54 -1.29	21.16 1.54 -1.26	20.79 1.40 -3.26	20.36 1.39 -3.70	20.53 1.48 -2.91	20.25 1.48 -2.63	20.06 1.46 -2.85	20.27 1.42 -2.83	21.21 1.44 -3.61	24.38 1.65 -4.60	28.39 1.82 -5.67	31.80 1.78 -9.03	32.28 1.96 -6.48	26.13 1.55 -4.21	24.16 1.65 -2.83	21.48 1.29 -4.03
NYPA_GOWANUS__GT6 24157	22.98 1.80 -0.01	21.56 1.63 0.00	20.85 1.56 0.00	20.62 1.60 0.00	20.55 1.52 0.00	20.83 1.23 -1.54	22.97 1.25 -2.83	23.64 1.19 -4.93	22.77 1.54 -1.29	21.16 1.54 -1.26	20.79 1.40 -3.26	20.36 1.39 -3.70	20.53 1.48 -2.91	20.25 1.48 -2.63	20.06 1.46 -2.85	20.27 1.42 -2.83	21.21 1.44 -3.61	24.38 1.65 -4.60	28.39 1.82 -5.67	31.80 1.78 -9.03	32.28 1.96 -6.48	26.13 1.55 -4.21	24.16 1.65 -2.83	21.48 1.29 -4.03
NYPA_HARLEM_RVR_GT1 24160	22.75 1.59 0.02	21.36 1.44 0.00	20.65 1.37 0.02	20.41 1.41 0.02	20.34 1.33 0.02	20.62 1.03 -1.53	22.79 1.08 -2.83	23.53 1.09 -4.92	22.64 1.42 -1.28	21.04 1.43 -1.26	20.69 1.31 -3.25	20.26 1.30 -3.69	20.43 1.39 -2.90	20.15 1.39 -2.62	19.95 1.37 -2.84	20.17 1.33 -2.83	21.08 1.31 -3.61	24.23 1.50 -4.59	28.17 1.61 -5.66	31.58 1.57 -9.02	32.06 1.74 -6.47	25.92 1.34 -4.20	23.93 1.44 -2.83	21.27 1.10 -4.01
NYPA_HARLEM_RVR_GT2 24161	22.75 1.59 0.02	21.36 1.44 0.00	20.65 1.37 0.02	20.41 1.41 0.02	20.34 1.33 0.02	20.62 1.03 -1.53	22.79 1.08 -2.83	23.53 1.09 -4.92	22.64 1.42 -1.28	21.04 1.43 -1.26	20.69 1.31 -3.25	20.26 1.30 -3.69	20.43 1.39 -2.90	20.15 1.39 -2.62	19.95 1.37 -2.84	20.17 1.33 -2.83	21.08 1.31 -3.61	24.23 1.50 -4.59	28.17 1.61 -5.66	31.58 1.57 -9.02	32.06 1.74 -6.47	25.92 1.34 -4.20	23.93 1.44 -2.83	21.27 1.10 -4.01
NYPA_KENT__GT 24152	22.92 1.74 0.00	21.50 1.57 0.00	20.82 1.52 0.00	20.56 1.54 0.00	20.51 1.49 0.00	20.79 1.19 -1.54	22.97 1.25 -2.83	23.64 1.19 -4.93	22.77 1.54 -1.29	21.16 1.54 -1.26	20.79 1.40 -3.26	20.36 1.39 -3.70	20.53 1.48 -2.91	20.24 1.47 -2.63	20.04 1.45 -2.85	20.25 1.41 -2.83	21.20 1.42 -3.61	24.37 1.63 -4.60	28.35 1.78 -5.67	31.78 1.76 -9.03	32.26 1.93 -6.48	26.11 1.53 -4.21	24.12 1.61 -2.83	21.45 1.26 -4.03
NYPA_POUCH1__GT 24155	22.94 1.76 -0.01	21.52 1.59 0.00	20.80 1.51 0.00	20.56 1.54 0.00	20.49 1.47 0.00	20.74 1.14 -1.54	22.86 1.13 -2.83	23.48 1.03 -4.93	22.58 1.36 -1.28	20.99 1.38 -1.26	20.66 1.27 -3.26	20.23 1.27 -3.69	20.42 1.37 -2.91	20.10 1.34 -2.62	19.93 1.34 -2.85	20.14 1.30 -2.83	21.10 1.33 -3.61	24.27 1.54 -4.60	28.33 1.76 -5.67	31.72 1.70 -9.03	32.14 1.81 -6.48	26.01 1.43 -4.21	24.10 1.59 -2.83	21.43 1.24 -4.03
NYPA_VERNON__GT2 24162	22.85 1.67 0.00	21.46 1.53 0.00	20.76 1.47 0.00	20.52 1.50 0.00	20.46 1.43 0.00	20.78 1.17 -1.54	22.95 1.23 -2.83	23.65 1.21 -4.93	22.79 1.56 -1.29	21.16 1.54 -1.26	20.79 1.40 -3.26	20.36 1.39 -3.70	20.52 1.47 -2.91	20.24 1.47 -2.63	20.04 1.45 -2.85	20.25 1.41 -2.83	21.20 1.42 -3.61	24.35 1.61 -4.60	28.30 1.73 -5.67	31.74 1.72 -9.03	32.21 1.88 -6.48	26.07 1.49 -4.21	24.08 1.57 -2.83	21.40 1.21 -4.03

NYPA_VERNON____GT3 24163	22.85 1.67 0.00	21.46 1.53 0.00	20.76 1.47 0.00	20.52 1.50 0.00	20.46 1.43 0.00	20.78 1.17 -1.54	22.95 1.23 -2.83	23.65 1.21 -4.93	22.79 1.56 -1.29	21.16 1.54 -1.26	20.79 1.40 -3.26	20.36 1.39 -3.70	20.52 1.47 -2.91	20.24 1.47 -2.63	20.04 1.45 -2.85	20.25 1.41 -2.83	21.20 1.42 -3.61	24.35 1.61 -4.60	28.30 1.73 -5.67	31.74 1.72 -9.03	32.21 1.88 -6.48	26.07 1.49 -4.21	24.08 1.57 -2.83	21.40 1.21 -4.03
NYPA____ASTORIA_CC1 323568	22.83 1.65 0.00	21.44 1.51 0.00	20.74 1.45 0.00	20.50 1.48 0.00	20.44 1.41 0.00	20.76 1.16 -1.54	22.93 1.21 -2.83	23.62 1.17 -4.93	22.75 1.51 -1.29	21.14 1.52 -1.26	20.78 1.39 -3.26	20.33 1.36 -3.70	20.50 1.45 -2.91	20.22 1.45 -2.63	20.02 1.43 -2.85	20.22 1.38 -2.83	21.17 1.39 -3.61	24.31 1.58 -4.60	28.28 1.71 -5.67	31.70 1.68 -9.03	32.19 1.86 -6.48	26.05 1.47 -4.21	24.06 1.55 -2.83	21.38 1.20 -4.03
NYPA____ASTORIA_CC2 323569	22.83 1.65 0.00	21.44 1.51 0.00	20.74 1.45 0.00	20.50 1.48 0.00	20.44 1.41 0.00	20.76 1.16 -1.54	22.93 1.21 -2.83	23.62 1.17 -4.93	22.75 1.51 -1.29	21.14 1.52 -1.26	20.78 1.39 -3.26	20.33 1.36 -3.70	20.50 1.45 -2.91	20.22 1.45 -2.63	20.02 1.43 -2.85	20.22 1.38 -2.83	21.17 1.39 -3.61	24.31 1.58 -4.60	28.28 1.71 -5.67	31.70 1.68 -9.03	32.19 1.86 -6.48	26.05 1.47 -4.21	24.06 1.55 -2.83	21.38 1.20 -4.03
NYPA____HOLTSVILL 23794	28.41 2.14 -5.10	26.75 2.03 -4.79	24.23 1.97 -2.97	23.33 2.01 -2.30	24.25 1.96 -3.26	25.18 1.72 -5.40	23.90 1.85 -3.15	29.29 1.79 -9.98	28.51 2.15 -6.41	27.89 2.05 -7.48	23.59 1.81 -5.66	22.75 1.85 -5.63	22.10 1.82 -4.14	22.21 1.84 -4.22	22.79 1.90 -5.14	23.46 1.82 -5.63	25.37 1.83 -7.38	30.79 2.07 -10.59	36.39 2.19 -13.30	36.89 2.14 -13.76	40.94 2.38 -14.71	36.09 2.02 -13.70	26.22 2.13 -4.42	25.74 1.66 -7.92
NYPA____HELLGATE_GT1 24158	22.76 1.59 0.00	21.34 1.44 0.02	20.66 1.37 0.00	20.42 1.41 0.00	20.36 1.33 0.00	20.62 1.03 -1.53	22.79 1.08 -2.83	23.53 1.09 -4.92	22.64 1.42 -1.28	21.04 1.43 -1.26	20.69 1.31 -3.25	20.26 1.30 -3.69	20.43 1.39 -2.90	20.15 1.39 -2.62	19.95 1.37 -2.84	20.17 1.33 -2.83	21.08 1.31 -3.61	24.23 1.50 -4.59	28.17 1.61 -5.66	31.58 1.57 -9.02	32.06 1.74 -6.47	25.92 1.34 -4.20	23.93 1.44 -2.83	21.29 1.10 -4.03
NYPA____HELLGATE_GT2 24159	22.76 1.59 0.00	21.34 1.44 0.02	20.66 1.37 0.00	20.42 1.41 0.00	20.36 1.33 0.00	20.62 1.03 -1.53	22.79 1.08 -2.83	23.53 1.09 -4.92	22.64 1.42 -1.28	21.04 1.43 -1.26	20.69 1.31 -3.25	20.26 1.30 -3.69	20.43 1.39 -2.90	20.15 1.39 -2.62	19.95 1.37 -2.84	20.17 1.33 -2.83	21.08 1.31 -3.61	24.23 1.50 -4.59	28.17 1.61 -5.66	31.58 1.57 -9.02	32.06 1.74 -6.47	25.92 1.34 -4.20	23.93 1.44 -2.83	21.29 1.10 -4.03
NYS_BARGE____HYD 23848	19.76 -1.42 0.00	18.55 -1.37 0.00	17.98 -1.31 0.00	17.69 -1.33 0.00	17.70 -1.33 0.00	17.03 -1.28 -0.25	18.06 -1.29 -0.46	16.95 -1.37 -0.80	18.26 -1.89 -0.21	16.96 -1.60 -0.20	15.22 -1.44 -0.53	14.49 -1.37 -0.60	15.16 -1.45 -0.47	15.03 -1.53 -0.42	14.77 -1.43 -0.46	15.04 -1.43 -0.46	15.37 -1.37 -0.58	17.19 -1.69 -0.74	19.79 -2.03 -0.92	20.44 -2.02 -1.46	21.14 -1.95 0.75	19.29 -1.77 -0.68	18.44 -1.69 -0.46	15.74 -1.07 -0.65
OAK ORCHARD____HYD 24046	20.50 -0.68 0.00	19.25 -0.68 0.00	18.66 -0.64 0.00	18.37 -0.65 0.00	18.38 -0.65 0.00	17.72 -0.56 -0.21	18.75 -0.53 -0.39	17.62 -0.58 -0.68	19.20 -0.92 -0.18	17.74 -0.79 -0.17	15.83 -0.74 -0.45	15.10 -0.69 -0.51	15.82 -0.73 -0.40	15.73 -0.77 -0.36	15.44 -0.69 -0.39	15.73 -0.67 -0.39	16.03 -0.63 -0.50	17.95 -0.82 -0.63	20.72 -0.96 -0.78	21.29 -0.94 -1.24	21.29 -0.98 1.58	20.20 -0.75 -0.58	19.36 -0.71 -0.39	16.25 -0.47 -0.55
OAKDALE__35_KV_LOAD 356122	21.39 0.21 0.00	20.12 0.20 0.00	19.50 0.21 0.00	19.23 0.21 0.00	19.22 0.19 0.00	18.58 0.00 -0.51	19.87 0.04 -0.94	19.16 0.00 -1.64	20.27 -0.10 -0.43	18.70 -0.07 -0.42	17.12 -0.10 -1.09	16.45 -0.06 -1.23	17.03 -0.08 -0.97	16.94 -0.08 -0.88	16.61 -0.08 -0.95	16.89 -0.06 -0.95	17.32 -0.05 -1.21	19.59 -0.07 -1.53	22.69 -0.10 -1.89	23.94 -0.06 -3.01	26.87 -0.02 -3.05	21.76 -0.02 -1.40	20.60 -0.02 -0.94	17.52 0.02 -1.34
OCC_CHEM____DRP 24175	19.25 -1.93 0.00	18.19 -1.73 0.00	17.63 -1.66 0.00	17.38 -1.64 0.00	17.39 -1.64 0.00	16.74 -1.59 -0.26	17.82 -1.55 -0.48	16.72 -1.63 -0.83	17.97 -2.19 -0.22	16.71 -1.85 -0.21	15.02 -1.66 -0.55	14.43 -1.44 -0.59	14.92 -1.68 -0.46	14.86 -1.70 -0.41	14.55 -1.64 -0.45	14.82 -1.63 -0.44	15.13 -1.60 -0.57	16.99 -1.92 -0.78	19.52 -2.34 -0.96	20.18 -2.33 -1.53	20.66 -2.60 0.58	19.01 -2.08 -0.71	18.16 -1.99 -0.48	15.50 -1.34 -0.68
OH_GEN_PROXY 24063	19.69 -1.48 0.00	18.49 -1.43 0.00	17.94 -1.35 0.00	17.65 -1.37 0.00	17.66 -1.37 0.00	17.00 -1.32 -0.25	18.09 -1.27 -0.47	16.98 -1.35 -0.81	18.30 -1.85 -0.21	17.00 -1.56 -0.21	15.26 -1.40 -0.54	14.56 -1.33 -0.61	15.22 -1.40 -0.48	15.09 -1.48 -0.43	14.84 -1.37 -0.47	15.10 -1.38 -0.47	15.43 -1.32 -0.60	17.24 -1.65 -0.76	19.85 -1.99 -0.93	20.48 -1.99 -1.49	21.10 -2.17 0.57	19.40 -1.73 -0.75	18.47 -1.67 -0.47	15.72 -1.10 -0.66
OLIN_CORP_DRP 24177	19.40 -1.78 0.00	18.33 -1.59 0.00	17.75 -1.54 0.00	17.50 -1.52 0.00	17.41 -1.62 0.00	16.82 -1.50 -0.26	17.86 -1.51 -0.48	16.75 -1.59 -0.83	18.01 -2.15 -0.22	16.75 -1.82 -0.21	15.05 -1.63 -0.55	14.48 -1.42 -0.63	14.99 -1.65 -0.49	14.92 -1.66 -0.44	14.60 -1.62 -0.48	14.87 -1.62 -0.48	15.20 -1.57 -0.61	17.02 -1.89 -0.78	19.56 -2.30 -0.96	20.22 -2.29 -1.52	21.08 -2.17 0.59	19.05 -2.04 -0.71	18.20 -1.95 -0.48	15.58 -1.26 -0.68
OLIN_CORP_DSASP 323712	19.33 -1.84 0.00	18.15 -1.77 0.00	17.61 -1.68 0.00	17.33 -1.69 0.00	17.33 -1.69 0.00	16.73 -1.59 -0.25	17.81 -1.55 -0.47	16.71 -1.63 -0.82	17.96 -2.19 -0.21	16.71 -1.85 -0.21	15.01 -1.66 -0.54	14.29 -1.57 -0.59	14.92 -1.68 -0.46	14.81 -1.74 -0.41	14.55 -1.64 -0.45	14.82 -1.63 -0.45	15.13 -1.60 -0.57	16.94 -1.96 -0.76	19.50 -2.34 -0.94	20.16 -2.33 -1.50	20.69 -2.60 0.55	19.00 -2.08 -0.70	18.16 -1.99 -0.47	15.49 -1.34 -0.67
ONEIDA_HERK_LFGE 323681	21.37 0.19 0.00	20.08 0.16 0.00	19.43 0.14 0.00	19.17 0.15 0.00	19.18 0.15 0.00	18.21 0.09 -0.05	19.05 0.06 -0.10	17.74 0.05 -0.17	19.99 0.00 -0.05	18.32 -0.07 -0.04	16.15 -0.10 -0.11	15.28 -0.12 -0.13	16.16 -0.08 -0.10	16.12 -0.11 -0.09	15.70 -0.14 -0.10	15.98 -0.13 -0.10	16.16 -0.13 -0.13	18.20 -0.09 -0.16	21.10 0.00 -0.20	21.31 0.00 -0.32	24.12 0.05 -0.23	20.57 0.04 -0.15	19.75 -0.02 -0.10	16.32 0.02 -0.14
ONEIDA____115KV_TB4 55905	21.70 0.53 0.00	20.42 0.50 0.00	19.76 0.46 0.00	19.51 0.49 0.00	19.50 0.48 0.00	18.51 0.36 -0.08	19.40 0.36 -0.15	18.10 0.32 -0.27	20.29 0.28 -0.07	18.60 0.18 -0.07	16.43 0.13 -0.18	15.60 0.12 -0.20	16.45 0.15 -0.16	16.40 0.11 -0.14	15.96 0.06 -0.16	16.26 0.10 -0.15	16.41 0.05 -0.20	18.47 0.09 -0.25	21.40 0.19 -0.31	21.67 0.19 -0.49	24.55 0.26 -0.45	20.83 0.22 -0.23	20.00 0.18 -0.15	16.57 0.19 -0.22

ONONDAGA_REF_OCCRA 23987	21.15 -0.02 0.00	19.90 -0.02 0.00	19.27 -0.02 0.00	19.00 -0.02 0.00	18.99 -0.04 0.00	18.05 -0.22 -0.20	19.07 -0.19 -0.37	17.93 -0.23 -0.64	19.77 -0.34 -0.17	18.18 -0.33 -0.16	16.23 -0.32 -0.42	15.46 -0.29 -0.48	16.21 -0.31 -0.38	16.19 -0.29 -0.34	15.81 -0.30 -0.37	16.09 -0.29 -0.37	16.37 -0.26 -0.47	18.42 -0.31 -0.59	21.28 -0.36 -0.73	21.82 -0.34 -1.17	24.70 -0.31 -1.17	20.66 -0.26 -0.54	19.78 -0.26 -0.37	16.49 -0.19 -0.52
ONONDAGA___COGEN 23986	21.22 0.04 0.00	19.96 0.04 0.00	19.33 0.04 0.00	19.06 0.04 0.00	19.05 0.02 0.00	18.09 -0.16 -0.18	19.08 -0.15 -0.34	17.91 -0.19 -0.59	19.78 -0.32 -0.15	18.19 -0.31 -0.15	16.21 -0.31 -0.39	15.44 -0.27 -0.44	16.20 -0.29 -0.35	16.18 -0.27 -0.31	15.80 -0.28 -0.34	16.08 -0.27 -0.34	16.35 -0.24 -0.43	18.39 -0.29 -0.55	21.24 -0.33 -0.67	21.75 -0.31 -1.07	25.03 -0.29 -1.47	20.63 -0.24 -0.50	19.77 -0.24 -0.34	16.46 -0.18 -0.48
ONTARIO___LFGE 23819	21.24 0.06 0.00	19.94 0.02 0.00	19.33 0.04 0.00	19.04 0.02 0.00	19.05 0.02 0.00	18.20 -0.11 -0.24	19.30 -0.04 -0.45	18.21 -0.09 -0.78	19.87 -0.28 -0.20	18.28 -0.27 -0.20	16.35 -0.29 -0.52	15.52 -0.34 -0.59	16.30 -0.31 -0.46	16.24 -0.32 -0.42	15.85 -0.35 -0.45	16.15 -0.30 -0.45	16.47 -0.26 -0.57	18.54 -0.33 -0.73	21.42 -0.38 -0.90	22.10 -0.31 -1.43	43.90 -0.29 -20.34	20.84 -0.20 -0.67	19.92 -0.20 -0.45	16.72 -0.08 -0.64
ORANGEVILLE_WT_PWR 323706	20.48 -0.70 0.00	19.23 -0.70 0.00	18.66 -0.64 0.00	18.35 -0.67 0.00	18.36 -0.67 0.00	17.53 -0.83 -0.30	18.67 -0.78 -0.55	17.64 -0.84 -0.96	18.96 -1.24 -0.25	17.57 -1.03 -0.25	15.81 -0.95 -0.64	15.08 -0.92 -0.72	15.74 -0.97 -0.57	15.62 -1.03 -0.51	15.34 -0.96 -0.55	15.62 -0.94 -0.55	15.96 -0.90 -0.70	17.92 -1.11 -0.90	20.65 -1.36 -1.11	21.43 -1.32 -1.76	26.18 -1.38 -3.72	20.06 -1.14 -0.82	19.12 -1.10 -0.55	16.27 -0.68 -0.78
ORANGEVILLE___ESR 323794	20.48 -0.70 0.00	19.23 -0.70 0.00	18.66 -0.64 0.00	18.35 -0.67 0.00	18.36 -0.67 0.00	17.53 -0.83 -0.30	18.67 -0.78 -0.55	17.64 -0.84 -0.96	18.96 -1.24 -0.25	17.57 -1.03 -0.25	15.81 -0.95 -0.64	15.08 -0.92 -0.72	15.74 -0.97 -0.57	15.62 -1.03 -0.51	15.34 -0.96 -0.55	15.62 -0.94 -0.55	15.96 -0.90 -0.70	17.92 -1.11 -0.90	20.65 -1.36 -1.11	21.43 -1.32 -1.76	26.18 -1.38 -3.72	20.06 -1.14 -0.82	19.12 -1.10 -0.55	16.27 -0.68 -0.78
OSWEGATCHIE___HYD 24044	20.43 -0.74 0.00	19.23 -0.70 0.00	18.58 -0.71 0.00	18.28 -0.74 0.00	18.29 -0.74 0.00	17.41 -0.70 -0.05	18.19 -0.79 -0.09	16.97 -0.70 -0.15	19.15 -0.84 -0.04	17.53 -0.86 -0.04	15.42 -0.81 -0.10	14.64 -0.75 -0.12	15.43 -0.81 -0.09	15.42 -0.81 -0.08	15.06 -0.77 -0.09	15.31 -0.78 -0.09	15.48 -0.79 -0.11	17.48 -0.80 -0.14	20.28 -0.79 -0.18	20.45 -0.82 -0.28	23.14 -0.91 -0.20	19.73 -0.77 -0.13	18.94 -0.83 -0.09	15.59 -0.69 -0.13
OSWEGO___5 23606	20.79 -0.38 0.00	19.57 -0.36 0.00	18.95 -0.35 0.00	18.68 -0.34 0.00	18.70 -0.32 0.00	17.69 -0.52 -0.15	18.61 -0.55 -0.27	17.45 -0.54 -0.47	19.35 -0.72 -0.12	17.81 -0.66 -0.12	15.83 -0.61 -0.31	15.05 -0.58 -0.36	15.83 -0.60 -0.28	15.78 -0.61 -0.25	15.43 -0.58 -0.27	15.69 -0.59 -0.27	15.94 -0.57 -0.35	17.92 -0.65 -0.44	20.69 -0.75 -0.54	21.12 -0.74 -0.87	23.68 -0.79 -0.62	20.13 -0.65 -0.40	19.30 -0.65 -0.27	16.05 -0.50 -0.39
OSWEGO___6 23613	20.79 -0.38 0.00	19.57 -0.36 0.00	18.95 -0.35 0.00	18.68 -0.34 0.00	18.70 -0.32 0.00	17.69 -0.52 -0.15	18.61 -0.55 -0.27	17.45 -0.54 -0.47	19.35 -0.72 -0.12	17.81 -0.66 -0.12	15.83 -0.61 -0.31	15.05 -0.58 -0.36	15.83 -0.60 -0.28	15.78 -0.61 -0.25	15.43 -0.58 -0.27	15.69 -0.59 -0.27	15.94 -0.57 -0.35	17.92 -0.65 -0.44	20.69 -0.75 -0.54	21.12 -0.74 -0.87	23.68 -0.79 -0.62	20.13 -0.65 -0.40	19.30 -0.65 -0.27	16.05 -0.50 -0.39
OUTOKUMPU-AB___DRP 24206	19.78 -1.40 0.00	18.69 -1.24 0.00	18.12 -1.18 0.00	17.86 -1.16 0.00	17.83 -1.20 0.00	17.10 -1.23 -0.26	18.19 -1.19 -0.49	17.09 -1.28 -0.85	18.37 -1.79 -0.22	17.06 -1.50 -0.22	15.33 -1.35 -0.56	14.73 -1.16 -0.62	15.26 -1.37 -0.48	15.19 -1.39 -0.44	14.86 -1.35 -0.47	15.12 -1.36 -0.47	15.46 -1.31 -0.61	17.35 -1.58 -0.79	19.93 -1.94 -0.97	20.63 -1.91 -1.55	21.25 -2.03 0.57	19.43 -1.67 -0.72	18.55 -1.61 -0.49	15.83 -1.02 -0.69
OXBOW___ 24026	19.63 -1.54 0.00	18.43 -1.49 0.00	17.88 -1.41 0.00	17.59 -1.43 0.00	17.60 -1.43 0.00	16.95 -1.37 -0.26	18.02 -1.34 -0.47	16.92 -1.42 -0.82	18.18 -1.97 -0.22	16.91 -1.65 -0.21	15.19 -1.48 -0.55	14.45 -1.42 -0.60	15.11 -1.50 -0.47	14.98 -1.58 -0.42	14.72 -1.48 -0.46	14.99 -1.47 -0.46	15.32 -1.42 -0.59	17.14 -1.76 -0.77	19.74 -2.11 -0.95	20.40 -2.10 -1.51	21.03 -2.27 0.55	19.23 -1.85 -0.70	18.38 -1.77 -0.47	15.69 -1.15 -0.67
OXY_CHEM_DSASP 323612	19.33 -1.84 0.00	18.15 -1.77 0.00	17.61 -1.68 0.00	17.33 -1.69 0.00	17.33 -1.69 0.00	16.73 -1.59 -0.25	17.81 -1.55 -0.47	16.71 -1.63 -0.82	17.96 -2.19 -0.21	16.71 -1.85 -0.21	15.01 -1.66 -0.54	14.29 -1.57 -0.59	14.92 -1.68 -0.46	14.81 -1.74 -0.41	14.55 -1.64 -0.45	14.82 -1.63 -0.45	15.13 -1.60 -0.57	16.94 -1.96 -0.76	19.50 -2.34 -0.94	20.16 -2.33 -1.50	20.69 -2.60 0.55	19.00 -2.08 -0.70	18.16 -1.99 -0.47	15.49 -1.34 -0.67
OZONE_PARK_ESR 323760	22.85 1.67 0.00	21.42 1.49 0.00	20.74 1.45 0.00	20.48 1.46 0.00	20.51 1.48 0.00	20.87 1.26 -1.54	23.06 1.34 -2.83	23.77 1.33 -4.92	22.92 1.70 -1.29	21.29 1.67 -1.26	20.89 1.50 -3.26	20.41 1.44 -3.70	20.61 1.57 -2.90	20.35 1.58 -2.62	20.13 1.54 -2.85	20.35 1.50 -2.83	21.26 1.49 -3.61	24.43 1.70 -4.60	28.45 1.88 -5.67	31.88 1.87 -9.02	32.55 2.07 -6.63	26.21 1.63 -4.20	24.21 1.71 -2.83	21.49 1.31 -4.02
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	19.25 -1.93 0.00	18.19 -1.73 0.00	17.63 -1.66 0.00	17.38 -1.64 0.00	17.39 -1.64 0.00	16.74 -1.59 -0.26	17.82 -1.55 -0.48	16.72 -1.63 -0.83	17.97 -2.19 -0.22	16.71 -1.85 -0.21	15.02 -1.66 -0.55	14.43 -1.44 -0.59	14.92 -1.68 -0.46	14.86 -1.70 -0.41	14.55 -1.64 -0.45	14.82 -1.63 -0.44	15.13 -1.60 -0.57	16.99 -1.92 -0.78	19.52 -2.34 -0.96	20.18 -2.33 -1.53	20.66 -2.60 0.58	19.01 -2.08 -0.71	18.16 -1.99 -0.48	15.50 -1.34 -0.68
PACKARD__115KV_DUPONT_184 80571	19.25 -1.93 0.00	18.19 -1.73 0.00	17.63 -1.66 0.00	17.38 -1.64 0.00	17.39 -1.64 0.00	16.74 -1.59 -0.26	17.82 -1.55 -0.48	16.72 -1.63 -0.83	17.97 -2.19 -0.22	16.71 -1.85 -0.21	15.02 -1.66 -0.55	14.43 -1.44 -0.59	14.92 -1.68 -0.46	14.86 -1.70 -0.41	14.55 -1.64 -0.45	14.82 -1.63 -0.44	15.13 -1.60 -0.57	16.99 -1.92 -0.78	19.52 -2.34 -0.96	20.18 -2.33 -1.53	20.66 -2.60 0.58	19.01 -2.08 -0.71	18.16 -1.99 -0.48	15.50 -1.34 -0.68
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	22.78 1.61 0.00	21.34 1.41 0.00	20.66 1.37 0.00	20.39 1.37 0.00	20.40 1.37 0.00	20.69 1.08 -1.54	22.86 1.13 -2.83	23.57 1.12 -4.93	22.69 1.46 -1.29	21.08 1.47 -1.26	20.71 1.32 -3.26	20.24 1.27 -3.70	20.45 1.40 -2.91	20.17 1.40 -2.63	19.96 1.37 -2.85	20.17 1.33 -2.83	21.07 1.29 -3.61	24.24 1.51 -4.60	28.20 1.63 -5.67	31.63 1.62 -9.03	32.24 1.76 -6.63	25.97 1.39 -4.21	23.98 1.48 -2.83	21.33 1.15 -4.03

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	22.91 1.74 0.00	21.46 1.53 0.00	20.78 1.49 0.00	20.50 1.48 0.00	20.53 1.50 0.00	20.81 1.21 -1.54	22.97 1.25 -2.83	23.65 1.21 -4.93	22.79 1.56 -1.29	21.18 1.56 -1.26	20.79 1.40 -3.26	20.30 1.33 -3.70	20.52 1.47 -2.91	20.25 1.49 -2.63	19.98 1.39 -2.85	20.19 1.34 -2.83	21.08 1.31 -3.61	24.26 1.52 -4.60	28.24 1.67 -5.67	31.65 1.64 -9.03	32.29 1.81 -6.63	25.99 1.41 -4.21	24.02 1.51 -2.83	21.45 1.26 -4.03
PATROON__115KV_TB1 80586	21.64 0.47 0.00	20.40 0.48 0.00	19.79 0.50 0.00	19.53 0.51 0.00	19.60 0.57 0.00	20.60 0.40 -2.14	23.24 0.42 -3.94	24.72 0.35 -6.85	22.23 0.50 -1.79	20.60 0.50 -1.76	21.06 0.40 -4.53	20.80 0.38 -5.14	20.58 0.40 -4.04	20.20 0.40 -3.65	20.08 0.38 -3.96	20.36 0.42 -3.94	21.62 0.44 -5.02	24.96 0.44 -6.39	29.28 0.50 -7.88	34.04 0.50 -12.54	33.55 0.57 -9.13	26.73 0.51 -5.85	24.08 0.47 -3.94	22.08 0.32 -5.59
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	20.35 -0.83 0.00	19.21 -0.72 0.00	18.64 -0.66 0.00	18.35 -0.67 0.00	18.31 -0.72 0.00	17.07 -1.28 -0.29	18.19 -1.23 -0.53	17.18 -1.26 -0.93	18.45 -1.73 -0.24	17.12 -1.47 -0.24	15.40 -1.34 -0.61	14.82 -1.15 -0.69	15.33 -1.36 -0.54	15.26 -1.37 -0.49	14.94 -1.34 -0.53	15.21 -1.33 -0.53	15.54 -1.29 -0.68	17.47 -1.52 -0.86	20.08 -1.88 -1.06	20.86 -1.83 -1.69	21.51 -1.98 0.35	19.52 -1.65 -0.79	18.59 -1.61 -0.53	15.85 -1.07 -0.76
PAWLING_115_KV_BK3_REV_LBMP_H 345028	22.66 1.48 0.00	21.28 1.35 0.00	20.58 1.29 0.00	20.37 1.35 0.00	20.40 1.37 0.00	20.81 1.17 -1.57	23.03 1.25 -2.89	23.77 1.23 -5.03	22.77 1.52 -1.32	21.11 1.47 -1.29	20.71 1.26 -3.33	20.21 1.16 -3.78	20.42 1.31 -2.97	20.11 1.29 -2.68	19.91 1.26 -2.91	20.14 1.23 -2.89	21.09 1.24 -3.69	24.32 1.49 -4.70	28.32 1.63 -5.79	31.84 1.64 -9.21	32.47 1.86 -6.77	26.18 1.51 -4.29	24.06 1.50 -2.89	21.42 1.15 -4.11
PEEKSKILL____ 23653	22.53 1.36 0.00	21.18 1.26 0.00	20.51 1.22 0.00	20.27 1.25 0.00	20.23 1.20 0.00	20.61 1.03 -1.51	22.77 1.10 -2.78	23.45 1.09 -4.84	22.57 1.36 -1.27	20.92 1.32 -1.24	20.50 1.16 -3.21	20.04 1.13 -3.64	20.23 1.23 -2.86	19.94 1.21 -2.58	19.74 1.20 -2.80	19.96 1.17 -2.79	20.88 1.16 -3.55	24.00 1.34 -4.52	27.98 1.51 -5.57	31.37 1.51 -8.87	31.88 1.67 -6.37	25.86 1.34 -4.14	23.83 1.38 -2.78	21.17 1.05 -3.96
PGE MADISON__WINDPWR 24146	22.78 1.61 0.00	21.44 1.51 0.00	20.72 1.43 0.00	20.50 1.48 0.00	20.47 1.45 0.00	19.77 1.25 -0.46	20.97 1.23 -0.85	20.13 1.14 -1.48	21.36 1.04 -0.39	19.48 0.75 -0.38	17.64 0.53 -0.98	16.81 0.43 -1.11	17.55 0.53 -0.87	17.48 0.55 -0.79	17.10 0.50 -0.85	17.48 0.62 -0.85	17.91 0.66 -1.08	20.38 0.87 -1.38	23.79 1.19 -1.70	24.91 1.22 -2.71	28.50 1.55 -3.10	22.98 1.34 -1.26	21.72 1.20 -0.85	18.43 1.07 -1.21
PIERCEFIELD__HYD 23852	20.37 -0.80 0.00	19.17 -0.76 0.00	18.54 -0.75 0.00	18.18 -0.84 0.00	18.17 -0.86 0.00	17.35 -0.74 -0.02	18.10 -0.83 -0.04	16.89 -0.70 -0.07	19.16 -0.80 -0.02	17.56 -0.81 -0.02	15.43 -0.74 -0.05	14.61 -0.72 -0.05	15.44 -0.74 -0.04	15.42 -0.76 -0.04	15.04 -0.74 -0.04	15.28 -0.77 -0.04	15.44 -0.78 -0.05	17.40 -0.80 -0.07	20.17 -0.82 -0.08	20.24 -0.88 -0.13	22.89 -1.05 -0.10	19.54 -0.90 -0.06	18.79 -0.92 -0.04	15.49 -0.73 -0.06
PINELAWN_CC_1 323563	28.37 2.10 -5.10	26.67 1.95 -4.79	24.16 1.89 -2.97	23.24 1.92 -2.30	24.16 1.87 -3.26	25.09 1.63 -5.40	23.78 1.74 -3.15	29.08 1.68 -9.89	28.29 2.04 -6.31	27.64 1.93 -7.36	23.48 1.69 -5.66	22.64 1.74 -5.63	22.01 1.73 -4.14	22.13 1.76 -4.22	22.68 1.79 -5.14	23.39 1.75 -5.63	25.30 1.76 -7.38	30.72 1.99 -10.59	36.35 2.15 -13.30	36.89 2.14 -13.76	40.94 2.38 -14.71	36.05 1.98 -13.70	26.14 2.05 -4.42	25.65 1.57 -7.92
PJM_GEN_HTP_PROXY 323702	22.74 1.57 0.00	21.36 1.44 0.00	20.68 1.39 0.00	20.45 1.43 0.00	20.38 1.35 0.00	20.76 1.16 -1.53	22.94 1.23 -2.83	23.64 1.21 -4.92	22.76 1.54 -1.29	21.14 1.52 -1.26	20.75 1.37 -3.26	20.31 1.34 -3.69	20.48 1.44 -2.90	20.19 1.42 -2.62	19.99 1.40 -2.84	20.20 1.36 -2.83	21.13 1.36 -3.61	24.27 1.54 -4.59	28.25 1.69 -5.66	31.68 1.68 -9.01	32.11 1.86 -6.41	26.12 1.49 -4.26	24.05 1.55 -2.83	21.36 1.18 -4.02
PJM_GEN_KEystone 24065	21.51 0.34 0.00	20.20 0.28 0.00	19.60 0.31 0.00	19.34 0.32 0.00	19.29 0.27 0.00	19.08 0.07 -0.94	20.76 0.13 -1.74	20.66 0.12 -3.02	20.83 0.10 -0.79	19.29 0.16 -0.78	18.27 0.14 -2.00	17.70 0.15 -2.27	18.10 0.18 -1.78	17.90 0.14 -1.61	17.65 0.16 -1.75	17.89 0.14 -1.74	18.54 0.16 -2.22	21.12 0.16 -2.82	24.46 0.08 -3.48	26.65 0.13 -5.53	27.90 0.14 -3.91	23.12 0.10 -2.64	21.55 0.14 -1.74	18.81 0.18 -2.47
PJM_GEN_NEPTUNE_PROXY 323594	25.97 1.88 -2.91	24.41 1.75 -2.74	22.69 1.70 -1.70	22.06 1.73 -1.31	22.57 1.67 -1.86	23.25 1.45 -3.74	23.42 1.53 -3.00	26.47 1.49 -7.46	25.63 1.83 -3.85	24.49 1.76 -4.37	22.31 1.55 -4.64	21.65 1.57 -4.80	21.35 1.60 -3.61	21.30 1.61 -3.54	21.53 1.62 -4.16	22.01 1.57 -4.43	23.50 1.57 -5.77	27.94 1.78 -8.03	32.73 1.90 -9.93	34.56 1.89 -11.68	36.96 2.10 -11.02	31.68 1.73 -9.57	25.19 1.79 -3.72	23.74 1.37 -6.20
PJM_GEN_VFT_PROXY 323633	22.70 1.53 0.00	21.32 1.39 0.00	20.66 1.37 0.00	20.45 1.43 0.00	20.36 1.33 0.00	20.70 1.10 -1.54	22.87 1.15 -2.83	23.65 1.21 -4.92	22.77 1.54 -1.29	21.17 1.56 -1.26	20.77 1.39 -3.26	20.33 1.36 -3.70	20.50 1.45 -2.90	20.22 1.45 -2.62	19.99 1.40 -2.85	20.17 1.33 -2.83	21.11 1.34 -3.61	24.23 1.50 -4.60	28.17 1.61 -5.67	31.60 1.59 -9.02	32.02 1.76 -6.42	26.05 1.40 -4.26	24.02 1.51 -2.83	21.35 1.16 -4.02
PLATSBRG_115KV_PMLD1 355749	21.64 0.47 0.00	20.32 0.40 0.00	19.62 0.33 0.00	19.13 0.11 0.00	19.09 0.06 0.00	18.18 0.11 -0.01	19.00 0.09 -0.02	17.79 0.25 -0.03	20.25 0.30 -0.01	18.63 0.28 -0.01	16.34 0.19 -0.02	15.45 0.15 -0.02	16.30 0.15 -0.02	16.24 0.08 -0.01	15.85 0.09 -0.02	16.09 0.06 -0.02	16.24 0.06 -0.02	18.34 0.18 -0.02	21.20 0.27 -0.03	21.18 0.15 -0.05	23.90 0.02 -0.03	20.34 -0.06 -0.02	19.59 -0.10 -0.02	16.05 -0.13 -0.02
PLEASANTVLY__LBMP 24000	22.36 1.19 0.00	21.02 1.10 0.00	20.35 1.06 0.00	20.10 1.08 0.00	20.15 1.12 0.00	20.65 0.96 -1.62	22.89 1.00 -2.99	23.71 0.98 -5.21	22.54 1.24 -1.36	20.88 1.19 -1.34	20.64 1.06 -3.45	20.19 1.01 -3.91	20.33 1.11 -3.07	20.03 1.11 -2.78	19.84 1.09 -3.01	20.08 1.07 -3.00	21.05 1.07 -3.82	24.19 1.20 -4.86	28.21 1.32 -5.99	31.85 1.32 -9.54	32.32 1.48 -7.00	26.05 1.22 -4.45	23.91 1.24 -2.99	21.35 0.94 -4.26
PLSNTVLE_13_KV_13.8KVDIST 80602	22.59 1.42 0.00	21.22 1.30 0.00	20.55 1.25 0.00	20.29 1.27 0.00	20.32 1.29 0.00	20.74 1.12 -1.55	22.92 1.17 -2.86	23.65 1.16 -4.98	22.68 1.44 -1.30	21.04 1.41 -1.28	20.68 1.26 -3.29	20.20 1.19 -3.74	20.40 1.32 -2.93	20.12 1.32 -2.65	19.93 1.31 -2.88	20.14 1.26 -2.86	21.05 1.24 -3.65	24.21 1.43 -4.65	28.17 1.55 -5.73	31.66 1.55 -9.11	32.28 1.74 -6.70	26.03 1.41 -4.25	23.95 1.42 -2.86	21.31 1.08 -4.07

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	22.59 1.42 0.00	21.22 1.30 0.00	20.55 1.25 0.00	20.29 1.27 0.00	20.32 1.29 0.00	20.74 1.12 -1.55	22.92 1.17 -2.86	23.65 1.16 -4.98	22.68 1.44 -1.30	21.04 1.41 -1.28	20.68 1.26 -3.29	20.20 1.19 -3.74	20.40 1.32 -2.93	20.12 1.32 -2.65	19.93 1.31 -2.88	20.14 1.26 -2.86	21.05 1.24 -3.65	24.21 1.43 -4.65	28.17 1.55 -5.73	31.66 1.55 -9.11	32.28 1.74 -6.70	26.03 1.41 -4.25	23.95 1.42 -2.86	21.31 1.08 -4.07
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	22.49 1.31 0.00	21.16 1.24 0.00	20.49 1.20 0.00	20.25 1.24 0.00	20.30 1.27 0.00	20.79 1.10 -1.62	23.05 1.17 -2.99	23.86 1.14 -5.20	22.70 1.40 -1.36	21.03 1.34 -1.33	20.75 1.18 -3.44	20.28 1.10 -3.90	20.42 1.21 -3.07	20.12 1.21 -2.77	19.91 1.16 -3.01	20.15 1.15 -2.99	21.15 1.18 -3.81	24.35 1.36 -4.85	28.37 1.48 -5.98	32.05 1.53 -9.52	32.57 1.74 -6.99	26.22 1.41 -4.44	24.06 1.40 -2.99	21.49 1.08 -4.25
POLETTI____ 23519	22.68 1.50 0.00	21.28 1.35 0.00	20.60 1.31 0.00	20.35 1.33 0.00	20.38 1.35 0.00	20.76 1.16 -1.54	22.93 1.21 -2.83	23.65 1.21 -4.92	22.77 1.54 -1.29	21.16 1.54 -1.26	20.76 1.37 -3.26	20.28 1.31 -3.70	20.48 1.44 -2.90	20.20 1.44 -2.62	19.99 1.40 -2.85	20.20 1.36 -2.83	21.11 1.34 -3.61	24.25 1.52 -4.60	28.22 1.65 -5.67	31.64 1.64 -9.02	32.28 1.81 -6.63	26.03 1.45 -4.20	24.04 1.53 -2.83	21.36 1.18 -4.02
PORT_JEFF_3 23555	28.46 2.18 -5.10	26.79 2.07 -4.79	24.27 2.01 -2.97	23.37 2.05 -2.30	24.29 2.00 -3.26	25.21 1.75 -5.40	23.93 1.89 -3.15	29.32 1.82 -9.98	28.56 2.21 -6.41	27.92 2.09 -7.48	23.62 1.84 -5.66	22.80 1.89 -5.63	22.15 1.87 -4.14	22.22 1.86 -4.22	22.82 1.94 -5.14	23.50 1.86 -5.63	25.40 1.86 -7.38	30.85 2.12 -10.59	36.45 2.26 -13.30	36.93 2.18 -13.76	40.99 2.43 -14.71	36.15 2.08 -13.70	26.28 2.18 -4.42	25.78 1.70 -7.92
PORT_JEFF_4 23616	28.46 2.18 -5.10	26.79 2.07 -4.79	24.27 2.01 -2.97	23.37 2.05 -2.30	24.29 2.00 -3.26	25.21 1.75 -5.40	23.93 1.89 -3.15	29.32 1.82 -9.98	28.56 2.21 -6.41	27.92 2.09 -7.48	23.62 1.84 -5.66	22.80 1.89 -5.63	22.15 1.87 -4.14	22.22 1.86 -4.22	22.82 1.94 -5.14	23.50 1.86 -5.63	25.40 1.86 -7.38	30.85 2.12 -10.59	36.45 2.26 -13.30	36.93 2.18 -13.76	40.99 2.43 -14.71	36.15 2.08 -13.70	26.28 2.18 -4.42	25.78 1.70 -7.92
PORT_JEFF_IC 23713	28.48 2.20 -5.10	26.81 2.09 -4.79	24.29 2.03 -2.97	23.39 2.07 -2.30	24.31 2.02 -3.26	25.23 1.77 -5.40	23.95 1.91 -3.15	29.33 1.84 -9.98	28.58 2.23 -6.41	27.93 2.11 -7.47	23.64 1.85 -5.66	22.81 1.91 -5.63	22.17 1.89 -4.14	22.25 1.89 -4.22	22.85 1.97 -5.14	23.53 1.89 -5.63	25.43 1.89 -7.38	30.86 2.14 -10.59	36.50 2.30 -13.30	36.93 2.18 -13.76	40.99 2.43 -14.71	36.19 2.12 -13.70	26.32 2.22 -4.42	25.81 1.73 -7.92
PPL PILGRIM_ST_GT1 24216	28.48 2.20 -5.10	26.77 2.05 -4.79	24.25 1.99 -2.97	23.35 2.04 -2.30	24.27 1.98 -3.26	25.20 1.73 -5.40	23.90 1.85 -3.15	29.27 1.79 -9.97	28.49 2.15 -6.39	27.85 2.04 -7.46	23.58 1.79 -5.66	22.73 1.83 -5.63	22.10 1.82 -4.14	22.21 1.84 -4.22	22.77 1.89 -5.14	23.48 1.84 -5.63	25.37 1.83 -7.38	30.81 2.08 -10.59	36.43 2.24 -13.30	36.97 2.22 -13.76	41.04 2.48 -14.71	36.15 2.08 -13.70	26.26 2.16 -4.42	25.76 1.68 -7.92
PPL PILGRIM_ST_GT2 24217	28.48 2.20 -5.10	26.77 2.05 -4.79	24.25 1.99 -2.97	23.35 2.04 -2.30	24.27 1.98 -3.26	25.20 1.73 -5.40	23.90 1.85 -3.15	29.27 1.79 -9.97	28.49 2.15 -6.39	27.85 2.04 -7.46	23.58 1.79 -5.66	22.73 1.83 -5.63	22.10 1.82 -4.14	22.21 1.84 -4.22	22.77 1.89 -5.14	23.48 1.84 -5.63	25.37 1.83 -7.38	30.81 2.08 -10.59	36.43 2.24 -13.30	36.97 2.22 -13.76	41.04 2.48 -14.71	36.15 2.08 -13.70	26.26 2.16 -4.42	25.76 1.68 -7.92
PPL_SHRM_GT3 24213	28.35 2.08 -5.10	26.79 2.07 -4.79	24.29 2.03 -2.97	23.43 2.11 -2.30	24.33 2.04 -3.26	25.27 1.81 -5.40	24.01 1.96 -3.15	29.41 1.91 -9.98	28.64 2.29 -6.41	27.99 2.16 -7.48	23.69 1.90 -5.66	22.80 1.89 -5.63	22.20 1.92 -4.14	22.27 1.90 -4.22	22.82 1.94 -5.14	23.43 1.79 -5.63	25.35 1.81 -7.38	30.72 1.99 -10.59	36.33 2.13 -13.30	36.78 2.04 -13.76	40.82 2.27 -14.71	36.03 1.96 -13.70	26.14 2.05 -4.42	25.83 1.75 -7.92
PPL_SHRM_GT4 24214	28.35 2.08 -5.10	26.79 2.07 -4.79	24.29 2.03 -2.97	23.43 2.11 -2.30	24.33 2.04 -3.26	25.27 1.81 -5.40	24.01 1.96 -3.15	29.41 1.91 -9.98	28.64 2.29 -6.41	27.99 2.16 -7.48	23.69 1.90 -5.66	22.80 1.89 -5.63	22.20 1.92 -4.14	22.27 1.90 -4.22	22.82 1.94 -5.14	23.43 1.79 -5.63	25.35 1.81 -7.38	30.72 1.99 -10.59	36.33 2.13 -13.30	36.78 2.04 -13.76	40.82 2.27 -14.71	36.03 1.96 -13.70	26.14 2.05 -4.42	25.83 1.75 -7.92
PROJECT____ORANGE 1 24174	21.09 -0.08 0.00	19.84 -0.08 0.00	19.22 -0.08 0.00	18.94 -0.08 0.00	18.93 -0.10 0.00	17.96 -0.27 -0.17	18.93 -0.26 -0.31	17.77 -0.28 -0.54	19.66 -0.42 -0.14	18.09 -0.40 -0.14	16.09 -0.39 -0.35	15.34 -0.34 -0.40	16.10 -0.36 -0.32	16.07 -0.36 -0.29	15.69 -0.36 -0.31	15.97 -0.35 -0.31	16.23 -0.32 -0.39	18.25 -0.38 -0.50	21.08 -0.44 -0.62	21.55 -0.42 -0.98	24.25 -0.41 -0.82	20.49 -0.35 -0.46	19.65 -0.33 -0.31	16.34 -0.26 -0.44
PROJECT____ORANGE 2 24166	21.09 -0.08 0.00	19.84 -0.08 0.00	19.22 -0.08 0.00	18.94 -0.08 0.00	18.93 -0.10 0.00	17.96 -0.27 -0.17	18.93 -0.26 -0.31	17.77 -0.28 -0.54	19.66 -0.42 -0.14	18.09 -0.40 -0.14	16.09 -0.39 -0.35	15.34 -0.34 -0.40	16.10 -0.36 -0.32	16.07 -0.36 -0.29	15.69 -0.36 -0.31	15.97 -0.35 -0.31	16.23 -0.32 -0.39	18.25 -0.38 -0.50	21.08 -0.44 -0.62	21.55 -0.42 -0.98	24.25 -0.41 -0.82	20.49 -0.35 -0.46	19.65 -0.33 -0.31	16.34 -0.26 -0.44
PUCKETT____SOLAR 323809	21.79 0.61 0.00	20.48 0.56 0.00	19.83 0.54 0.00	19.57 0.55 0.00	19.56 0.53 0.00	18.89 0.33 -0.50	20.17 0.36 -0.92	19.41 0.30 -1.60	20.54 0.18 -0.42	18.85 0.09 -0.41	17.19 0.00 -1.06	16.46 -0.02 -1.20	17.10 0.02 -0.94	17.01 0.02 -0.85	16.68 0.02 -0.92	16.99 0.06 -0.92	17.46 0.13 -1.17	19.79 0.16 -1.49	22.97 0.23 -1.84	24.23 0.32 -2.93	27.28 0.43 -3.00	22.11 0.37 -1.37	20.93 0.33 -0.92	17.77 0.31 -1.31
PYRITES____HYD 24023	20.77 -0.40 0.00	19.57 -0.36 0.00	18.93 -0.37 0.00	18.56 -0.46 0.00	18.55 -0.48 0.00	17.71 -0.38 -0.02	18.47 -0.45 -0.04	17.21 -0.37 -0.07	19.52 -0.44 -0.02	17.87 -0.50 -0.02	15.69 -0.48 -0.04	14.85 -0.47 -0.05	15.70 -0.48 -0.04	15.71 -0.47 -0.03	15.28 -0.50 -0.04	15.54 -0.51 -0.04	15.69 -0.52 -0.05	17.72 -0.47 -0.06	20.56 -0.42 -0.07	20.60 -0.50 -0.12	23.34 -0.60 -0.09	19.92 -0.51 -0.06	19.14 -0.57 -0.04	15.83 -0.39 -0.05
QUAKERRD_115KV_BK1 80622	19.97 -1.21 0.00	18.81 -1.12 0.00	18.21 -1.08 0.00	17.95 -1.07 0.00	17.92 -1.10 0.00	17.24 -1.03 -0.21	18.25 -1.02 -0.38	17.16 -1.02 -0.66	18.76 -1.36 -0.17	17.31 -1.21 -0.17	15.47 -1.10 -0.44	14.78 -0.99 -0.50	15.44 -1.10 -0.39	15.40 -1.10 -0.35	15.05 -1.07 -0.38	15.32 -1.07 -0.38	15.61 -1.03 -0.49	17.54 -1.21 -0.62	20.22 -1.44 -0.76	20.77 -1.43 -1.21	19.27 -1.57 3.00	19.68 -1.26 -0.56	18.83 -1.22 -0.38	15.81 -0.89 -0.54

QUENSBRY_I15KV_TB8 356137	22.17 1.00 0.00	20.82 0.90 0.00	20.16 0.87 0.00	19.87 0.86 0.00	19.98 0.95 0.00	21.05 0.76 -2.22	23.86 0.87 -4.10	25.43 0.79 -7.13	22.74 0.94 -1.86	21.01 0.83 -1.83	21.52 0.68 -4.72	21.24 0.61 -5.35	20.94 0.60 -4.20	20.52 0.58 -3.80	20.43 0.57 -4.12	20.73 0.62 -4.10	22.10 0.71 -5.23	25.62 0.83 -6.65	30.10 1.00 -8.20	35.09 1.05 -13.05	34.65 1.31 -9.49	27.60 1.14 -6.08	24.81 1.04 -4.10	22.69 0.71 -5.82
RAMAPO____LBMP 323565	22.42 1.25 0.00	21.06 1.14 0.00	20.41 1.12 0.00	20.16 1.14 0.00	20.19 1.16 0.00	20.51 0.99 -1.45	22.65 1.08 -2.68	23.23 1.05 -4.67	22.48 1.32 -1.22	20.83 1.28 -1.20	20.36 1.15 -3.09	19.86 1.08 -3.50	20.09 1.19 -2.75	19.82 1.19 -2.49	19.60 1.16 -2.70	19.83 1.14 -2.68	20.71 1.13 -3.42	23.78 1.29 -4.35	27.71 1.44 -5.37	30.98 1.45 -8.54	31.76 1.62 -6.29	25.66 1.30 -3.98	23.69 1.34 -2.68	21.01 1.03 -3.81
RANKINE____ 23646	20.12 -1.06 0.00	19.01 -0.92 0.00	18.42 -0.87 0.00	18.16 -0.86 0.00	18.12 -0.91 0.00	17.23 -1.12 -0.28	18.35 -1.06 -0.52	17.28 -1.14 -0.90	18.56 -1.62 -0.24	17.24 -1.34 -0.23	15.50 -1.23 -0.60	14.91 -1.04 -0.67	15.43 -1.24 -0.53	15.36 -1.26 -0.48	15.05 -1.21 -0.52	15.31 -1.22 -0.52	15.65 -1.16 -0.66	17.58 -1.40 -0.84	20.20 -1.73 -1.04	20.94 -1.70 -1.65	21.64 -1.86 0.34	19.66 -1.49 -0.77	18.73 -1.46 -0.52	15.97 -0.92 -0.74
RAVENSWOOD_GT2_1 24244	22.78 1.61 0.00	21.38 1.45 0.00	20.70 1.41 0.00	20.46 1.44 0.00	20.42 1.39 0.00	20.78 1.17 -1.54	22.95 1.23 -2.83	23.67 1.23 -4.93	22.79 1.56 -1.29	21.16 1.54 -1.26	20.78 1.39 -3.26	20.33 1.36 -3.70	20.50 1.45 -2.91	20.22 1.45 -2.63	20.01 1.42 -2.85	20.22 1.38 -2.83	21.17 1.39 -3.61	24.31 1.58 -4.60	28.26 1.69 -5.67	31.70 1.68 -9.03	32.19 1.86 -6.48	26.07 1.49 -4.21	24.06 1.55 -2.83	21.38 1.20 -4.03
RAVENSWOOD_GT2_2 24245	22.78 1.61 0.00	21.38 1.45 0.00	20.70 1.41 0.00	20.46 1.44 0.00	20.42 1.39 0.00	20.78 1.17 -1.54	22.95 1.23 -2.83	23.67 1.23 -4.93	22.79 1.56 -1.29	21.16 1.54 -1.26	20.78 1.39 -3.26	20.33 1.36 -3.70	20.50 1.45 -2.91	20.22 1.45 -2.63	20.01 1.42 -2.85	20.22 1.38 -2.83	21.17 1.39 -3.61	24.31 1.58 -4.60	28.26 1.69 -5.67	31.70 1.68 -9.03	32.19 1.86 -6.48	26.07 1.49 -4.21	24.06 1.55 -2.83	21.38 1.20 -4.03
RAVENSWOOD_GT2_3 24246	22.78 1.61 0.00	21.40 1.47 0.00	20.72 1.43 0.00	20.48 1.46 0.00	20.42 1.39 0.00	20.78 1.17 -1.54	22.97 1.25 -2.83	23.67 1.23 -4.93	22.79 1.56 -1.29	21.18 1.56 -1.26	20.78 1.39 -3.26	20.35 1.38 -3.70	20.50 1.45 -2.91	20.22 1.45 -2.63	20.02 1.43 -2.85	20.24 1.39 -2.83	21.17 1.39 -3.61	24.31 1.58 -4.60	28.26 1.69 -5.67	31.72 1.70 -9.03	32.21 1.88 -6.48	26.07 1.49 -4.21	24.06 1.55 -2.83	21.38 1.20 -4.03
RAVENSWOOD_GT2_4 24247	22.78 1.61 0.00	21.40 1.47 0.00	20.72 1.43 0.00	20.48 1.46 0.00	20.42 1.39 0.00	20.78 1.17 -1.54	22.97 1.25 -2.83	23.67 1.23 -4.93	22.79 1.56 -1.29	21.18 1.56 -1.26	20.78 1.39 -3.26	20.35 1.38 -3.70	20.50 1.45 -2.91	20.22 1.45 -2.63	20.02 1.43 -2.85	20.24 1.39 -2.83	21.17 1.39 -3.61	24.31 1.58 -4.60	28.26 1.69 -5.67	31.72 1.70 -9.03	32.21 1.88 -6.48	26.07 1.49 -4.21	24.06 1.55 -2.83	21.38 1.20 -4.03
RAVENSWOOD_GT3_1 24248	22.78 1.61 0.00	21.38 1.45 0.00	20.70 1.41 0.00	20.48 1.46 0.00	20.42 1.39 0.00	20.78 1.17 -1.54	22.97 1.25 -2.83	23.67 1.23 -4.93	22.79 1.56 -1.29	21.16 1.54 -1.26	20.78 1.39 -3.26	20.33 1.36 -3.70	20.50 1.45 -2.91	20.22 1.45 -2.63	20.01 1.42 -2.85	20.22 1.38 -2.83	21.15 1.37 -3.61	24.29 1.56 -4.60	28.26 1.69 -5.67	31.70 1.68 -9.03	32.19 1.86 -6.48	26.05 1.47 -4.21	24.06 1.55 -2.83	21.38 1.20 -4.03
RAVENSWOOD_GT3_2 24249	22.78 1.61 0.00	21.38 1.45 0.00	20.70 1.41 0.00	20.48 1.46 0.00	20.42 1.39 0.00	20.78 1.17 -1.54	22.97 1.25 -2.83	23.67 1.23 -4.93	22.79 1.56 -1.29	21.16 1.54 -1.26	20.78 1.39 -3.26	20.33 1.36 -3.70	20.50 1.45 -2.91	20.22 1.45 -2.63	20.01 1.42 -2.85	20.22 1.38 -2.83	21.15 1.37 -3.61	24.29 1.56 -4.60	28.26 1.69 -5.67	31.70 1.68 -9.03	32.19 1.86 -6.48	26.05 1.47 -4.21	24.06 1.55 -2.83	21.38 1.20 -4.03
RAVENSWOOD_GT3_3 24250	22.81 1.63 0.00	21.40 1.47 0.00	20.72 1.43 0.00	20.50 1.48 0.00	20.44 1.41 0.00	20.79 1.19 -1.54	22.99 1.27 -2.83	23.69 1.24 -4.93	22.81 1.58 -1.29	21.18 1.56 -1.26	20.79 1.40 -3.26	20.36 1.39 -3.70	20.52 1.47 -2.91	20.24 1.47 -2.63	20.04 1.45 -2.85	20.24 1.39 -2.83	21.18 1.41 -3.61	24.33 1.60 -4.60	28.28 1.71 -5.67	31.72 1.70 -9.03	32.23 1.91 -6.48	26.09 1.51 -4.21	24.08 1.57 -2.83	21.40 1.21 -4.03
RAVENSWOOD_GT3_4 24251	22.81 1.63 0.00	21.40 1.47 0.00	20.72 1.43 0.00	20.50 1.48 0.00	20.44 1.41 0.00	20.79 1.19 -1.54	22.99 1.27 -2.83	23.69 1.24 -4.93	22.81 1.58 -1.29	21.18 1.56 -1.26	20.79 1.40 -3.26	20.36 1.39 -3.70	20.52 1.47 -2.91	20.24 1.47 -2.63	20.04 1.45 -2.85	20.24 1.39 -2.83	21.18 1.41 -3.61	24.33 1.60 -4.60	28.28 1.71 -5.67	31.72 1.70 -9.03	32.23 1.91 -6.48	26.09 1.51 -4.21	24.08 1.57 -2.83	21.40 1.21 -4.03
RAVENSWOOD_GT_1 23729	22.85 1.67 0.00	21.46 1.53 0.00	20.76 1.47 0.00	20.52 1.50 0.00	20.46 1.43 0.00	20.78 1.17 -1.54	22.95 1.23 -2.83	23.65 1.21 -4.93	22.79 1.56 -1.29	21.16 1.54 -1.26	20.79 1.40 -3.26	20.36 1.39 -3.70	20.52 1.47 -2.91	20.24 1.47 -2.63	20.04 1.45 -2.85	20.25 1.41 -2.83	21.20 1.42 -3.61	24.35 1.61 -4.60	28.30 1.73 -5.67	31.74 1.72 -9.03	32.21 1.88 -6.48	26.07 1.49 -4.21	24.08 1.57 -2.83	21.40 1.21 -4.03
RAVENSWOOD_GT_10 24258	22.76 1.59 0.00	21.38 1.45 0.00	20.70 1.41 0.00	20.46 1.44 0.00	20.42 1.39 0.00	20.78 1.17 -1.54	22.97 1.25 -2.83	23.67 1.23 -4.93	22.79 1.56 -1.29	21.16 1.54 -1.26	20.78 1.39 -3.26	20.33 1.36 -3.70	20.50 1.45 -2.91	20.22 1.45 -2.63	20.01 1.42 -2.85	20.22 1.38 -2.83	21.15 1.37 -3.61	24.29 1.56 -4.60	28.26 1.69 -5.67	31.70 1.68 -9.03	32.19 1.86 -6.48	26.07 1.49 -4.21	24.06 1.55 -2.83	21.38 1.20 -4.03
RAVENSWOOD_GT_11 24259	22.76 1.59 0.00	21.38 1.45 0.00	20.70 1.41 0.00	20.46 1.44 0.00	20.42 1.39 0.00	20.78 1.17 -1.54	22.97 1.25 -2.83	23.67 1.23 -4.93	22.79 1.56 -1.29	21.16 1.54 -1.26	20.78 1.39 -3.26	20.33 1.36 -3.70	20.50 1.45 -2.91	20.22 1.45 -2.63	20.01 1.42 -2.85	20.22 1.38 -2.83	21.15 1.37 -3.61	24.29 1.56 -4.60	28.26 1.69 -5.67	31.70 1.68 -9.03	32.19 1.86 -6.48	26.07 1.49 -4.21	24.06 1.55 -2.83	21.38 1.20 -4.03
RAVENSWOOD_GT_4 24252	22.77 1.59 0.00	21.38 1.45 0.00	20.70 1.41 0.00	20.46 1.44 0.00	20.42 1.39 0.00	20.78 1.17 -1.54	22.97 1.25 -2.83	23.69 1.24 -4.93	22.79 1.56 -1.29	21.18 1.56 -1.26	20.78 1.39 -3.26	20.33 1.36 -3.70	20.50 1.45 -2.91	20.22 1.45 -2.63	20.01 1.42 -2.85	20.22 1.38 -2.83	21.17 1.39 -3.61	24.29 1.56 -4.60	28.26 1.69 -5.67	31.70 1.68 -9.03	32.19 1.86 -6.48	26.07 1.49 -4.21	24.06 1.55 -2.83	21.38 1.20 -4.03



RAVENSWOOD_GT_5 24254	22.77 1.59 0.00	21.38 1.45 0.00	20.70 1.41 0.00	20.46 1.44 0.00	20.42 1.39 0.00	20.78 1.17 -1.54	22.97 1.25 -2.83	23.69 1.24 -4.93	22.79 1.56 -1.29	21.18 1.56 -1.26	20.78 1.39 -3.26	20.33 1.36 -3.70	20.50 1.45 -2.91	20.22 1.45 -2.63	20.01 1.42 -2.85	20.22 1.38 -2.83	21.17 1.39 -3.61	24.29 1.56 -4.60	28.26 1.69 -5.67	31.70 1.68 -9.03	32.19 1.86 -6.48	26.07 1.49 -4.21	24.06 1.55 -2.83	21.38 1.20 -4.03
RAVENSWOOD_GT_6 24253	22.77 1.59 0.00	21.38 1.45 0.00	20.70 1.41 0.00	20.46 1.44 0.00	20.42 1.39 0.00	20.78 1.17 -1.54	22.97 1.25 -2.83	23.69 1.24 -4.93	22.79 1.56 -1.29	21.18 1.56 -1.26	20.78 1.39 -3.26	20.33 1.36 -3.70	20.50 1.45 -2.91	20.22 1.45 -2.63	20.01 1.42 -2.85	20.22 1.38 -2.83	21.17 1.39 -3.61	24.29 1.56 -4.60	28.26 1.69 -5.67	31.70 1.68 -9.03	32.19 1.86 -6.48	26.07 1.49 -4.21	24.06 1.55 -2.83	21.38 1.20 -4.03
RAVENSWOOD_GT_7 24255	22.77 1.59 0.00	21.38 1.45 0.00	20.70 1.41 0.00	20.46 1.44 0.00	20.42 1.39 0.00	20.78 1.17 -1.54	22.97 1.25 -2.83	23.69 1.24 -4.93	22.79 1.56 -1.29	21.18 1.56 -1.26	20.78 1.39 -3.26	20.33 1.36 -3.70	20.50 1.45 -2.91	20.22 1.45 -2.63	20.01 1.42 -2.85	20.22 1.38 -2.83	21.17 1.39 -3.61	24.29 1.56 -4.60	28.26 1.69 -5.67	31.70 1.68 -9.03	32.19 1.86 -6.48	26.07 1.49 -4.21	24.06 1.55 -2.83	21.38 1.20 -4.03
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	22.76 1.59 0.00	21.38 1.45 0.00	20.70 1.41 0.00	20.46 1.44 0.00	20.42 1.39 0.00	20.78 1.17 -1.54	22.97 1.25 -2.83	23.67 1.23 -4.93	22.79 1.56 -1.29	21.16 1.54 -1.26	20.78 1.39 -3.26	20.33 1.36 -3.70	20.50 1.45 -2.91	20.22 1.45 -2.63	20.01 1.42 -2.85	20.22 1.38 -2.83	21.15 1.37 -3.61	24.29 1.56 -4.60	28.26 1.69 -5.67	31.70 1.68 -9.03	32.19 1.86 -6.48	26.07 1.49 -4.21	24.06 1.55 -2.83	21.38 1.20 -4.03
RAVENSWOOD_GT_9 24257	22.76 1.59 0.00	21.38 1.45 0.00	20.70 1.41 0.00	20.46 1.44 0.00	20.42 1.39 0.00	20.78 1.17 -1.54	22.97 1.25 -2.83	23.67 1.23 -4.93	22.79 1.56 -1.29	21.16 1.54 -1.26	20.78 1.39 -3.26	20.33 1.36 -3.70	20.50 1.45 -2.91	20.22 1.45 -2.63	20.01 1.42 -2.85	20.22 1.38 -2.83	21.15 1.37 -3.61	24.29 1.56 -4.60	28.26 1.69 -5.67	31.70 1.68 -9.03	32.19 1.86 -6.48	26.07 1.49 -4.21	24.06 1.55 -2.83	21.38 1.20 -4.03
RAVENSWOOD___1 23533	22.85 1.67 0.00	21.44 1.51 0.00	20.76 1.47 0.00	20.50 1.48 0.00	20.46 1.43 0.00	20.78 1.17 -1.54	22.95 1.23 -2.83	23.65 1.21 -4.93	22.77 1.54 -1.29	21.16 1.54 -1.26	20.79 1.40 -3.26	20.35 1.38 -3.70	20.52 1.47 -2.91	20.24 1.47 -2.63	20.04 1.45 -2.85	20.24 1.39 -2.83	21.18 1.41 -3.61	24.33 1.60 -4.60	28.30 1.73 -5.67	31.72 1.70 -9.03	32.21 1.88 -6.48	26.07 1.49 -4.21	24.08 1.57 -2.83	21.40 1.21 -4.03
RAVENSWOOD___2 23534	22.83 1.65 0.00	21.44 1.51 0.00	20.74 1.45 0.00	20.50 1.48 0.00	20.46 1.43 0.00	20.76 1.16 -1.54	22.95 1.23 -2.83	23.64 1.19 -4.93	22.77 1.54 -1.29	21.16 1.54 -1.26	20.78 1.39 -3.26	20.35 1.38 -3.70	20.52 1.47 -2.91	20.22 1.45 -2.63	20.02 1.43 -2.85	20.24 1.39 -2.83	21.18 1.41 -3.61	24.33 1.60 -4.60	28.30 1.73 -5.67	31.72 1.70 -9.03	32.21 1.88 -6.48	26.07 1.49 -4.21	24.08 1.57 -2.83	21.40 1.21 -4.03
RAVENSWOOD___3 23535	22.78 1.61 0.00	21.38 1.45 0.00	20.70 1.41 0.00	20.48 1.46 0.00	20.42 1.39 0.00	20.78 1.17 -1.54	22.97 1.25 -2.83	23.67 1.23 -4.93	22.79 1.56 -1.29	21.16 1.54 -1.26	20.78 1.39 -3.26	20.33 1.36 -3.70	20.50 1.45 -2.91	20.22 1.45 -2.63	20.02 1.43 -2.85	20.22 1.38 -2.83	21.17 1.39 -3.61	24.31 1.58 -4.60	28.26 1.69 -5.67	31.70 1.68 -9.03	32.19 1.86 -6.48	26.07 1.49 -4.21	24.06 1.55 -2.83	21.38 1.20 -4.03
RAVENSWOOD___4 23820	22.83 1.65 0.00	21.44 1.51 0.00	20.74 1.45 0.00	20.50 1.48 0.00	20.44 1.41 0.00	20.76 1.16 -1.54	22.93 1.21 -2.83	23.64 1.19 -4.93	22.77 1.54 -1.29	21.14 1.52 -1.26	20.78 1.39 -3.26	20.35 1.38 -3.70	20.50 1.45 -2.91	20.22 1.45 -2.63	20.02 1.43 -2.85	20.24 1.39 -2.83	21.18 1.41 -3.61	24.33 1.60 -4.60	28.28 1.71 -5.67	31.72 1.70 -9.03	32.19 1.86 -6.48	26.05 1.47 -4.21	24.08 1.57 -2.83	21.38 1.20 -4.03
RCPL_TRUST___DRP 24196	22.70 1.52 0.00	21.28 1.35 0.00	20.62 1.33 0.00	20.37 1.35 0.00	20.40 1.37 0.00	20.77 1.17 -1.53	22.96 1.25 -2.83	23.68 1.24 -4.92	22.78 1.56 -1.29	21.16 1.54 -1.26	20.77 1.39 -3.26	20.28 1.31 -3.69	20.50 1.45 -2.90	20.22 1.45 -2.62	20.00 1.42 -2.84	20.22 1.38 -2.83	21.13 1.36 -3.61	24.28 1.56 -4.59	28.27 1.71 -5.66	31.70 1.70 -9.01	32.37 1.91 -6.62	26.08 1.51 -4.20	24.07 1.57 -2.83	21.38 1.20 -4.02
RED___ROCHESTER 323720	20.60 -0.57 0.00	19.35 -0.58 0.00	18.73 -0.56 0.00	18.45 -0.57 0.00	18.46 -0.57 0.00	17.79 -0.49 -0.21	18.82 -0.45 -0.39	17.68 -0.51 -0.68	19.30 -0.82 -0.18	17.83 -0.70 -0.17	15.90 -0.68 -0.45	15.17 -0.61 -0.51	15.88 -0.66 -0.40	15.81 -0.69 -0.36	15.52 -0.61 -0.39	15.81 -0.59 -0.39	16.12 -0.53 -0.49	18.04 -0.73 -0.63	20.82 -0.86 -0.78	21.39 -0.84 -1.24	21.47 -0.86 1.52	20.32 -0.63 -0.58	19.45 -0.61 -0.39	16.32 -0.39 -0.55
REGAN___SOLAR 323812	22.89 1.71 0.00	21.48 1.56 0.00	20.82 1.52 0.00	20.48 1.46 0.00	20.55 1.52 0.00	21.90 1.30 -2.54	25.00 1.43 -4.68	26.92 1.26 -8.14	23.43 1.36 -2.13	21.63 1.19 -2.09	22.48 0.97 -5.39	22.14 0.76 -6.11	21.68 0.74 -4.80	21.28 0.81 -4.33	21.11 0.66 -4.70	21.46 0.77 -4.68	23.00 0.87 -5.97	26.80 1.07 -7.59	31.62 1.36 -9.36	37.36 1.47 -14.90	36.33 1.79 -10.70	28.85 1.53 -6.95	25.75 1.40 -4.68	24.07 1.26 -6.65
RENSSELAER___COGEN 23796	21.60 0.42 0.00	20.38 0.46 0.00	19.75 0.46 0.00	19.51 0.49 0.00	19.52 0.49 0.00	20.52 0.33 -2.13	23.16 0.34 -3.93	24.63 0.28 -6.83	22.17 0.44 -1.79	20.53 0.42 -1.75	21.01 0.35 -4.52	20.77 0.37 -5.13	20.53 0.35 -4.03	20.14 0.35 -3.64	20.04 0.35 -3.95	20.29 0.35 -3.93	21.54 0.37 -5.01	24.87 0.36 -6.38	29.20 0.44 -7.86	33.93 0.42 -12.52	33.31 0.48 -8.99	26.66 0.45 -5.83	24.01 0.41 -3.93	22.00 0.26 -5.58
REPUBLIC_115KV_BARTNBRK 55605	23.12 1.95 0.00	21.70 1.77 0.00	21.05 1.76 0.00	20.69 1.67 0.00	20.86 1.83 0.00	21.82 1.54 -2.22	24.72 1.74 -4.09	26.22 1.58 -7.12	23.62 1.81 -1.86	21.81 1.63 -1.83	22.15 1.31 -4.71	21.81 1.19 -5.34	21.41 1.07 -4.20	20.97 1.03 -3.79	20.79 0.93 -4.12	21.13 1.02 -4.09	22.55 1.16 -5.22	26.18 1.40 -6.65	30.79 1.69 -8.19	35.81 1.78 -13.04	35.66 2.34 -9.48	28.45 2.00 -6.08	25.63 1.87 -4.09	23.37 1.39 -5.82
REVERE_CPPR_DRP 24186	21.77 0.59 0.00	20.46 0.54 0.00	19.79 0.50 0.00	19.55 0.53 0.00	19.52 0.49 0.00	18.53 0.40 -0.07	19.40 0.38 -0.13	18.10 0.35 -0.23	20.30 0.30 -0.06	18.61 0.20 -0.06	16.41 0.13 -0.15	15.55 0.11 -0.17	16.42 0.15 -0.13	16.38 0.11 -0.12	15.94 0.06 -0.13	16.22 0.08 -0.13	16.39 0.06 -0.17	18.47 0.13 -0.21	21.41 0.25 -0.26	21.66 0.25 -0.42	24.58 0.36 -0.37	20.88 0.31 -0.20	20.04 0.24 -0.13	16.59 0.24 -0.19

REYNOLDS_115KV_TB3 80639	21.75 0.57 0.00	20.48 0.56 0.00	19.85 0.56 0.00	19.61 0.59 0.00	19.68 0.65 0.00	20.65 0.47 -2.11	23.27 0.49 -3.89	24.71 0.42 -6.77	22.29 0.58 -1.77	20.62 0.53 -1.74	21.08 0.47 -4.48	20.78 0.43 -5.08	20.60 0.47 -3.99	20.22 0.47 -3.61	20.11 0.46 -3.91	20.38 0.48 -3.89	21.61 0.48 -4.97	24.96 0.51 -6.32	29.28 0.59 -7.79	33.98 0.59 -12.40	33.54 0.67 -9.03	26.77 0.61 -5.78	24.14 0.57 -3.89	22.08 0.39 -5.53
RIVERBAY____ 323610	22.91 1.74 0.00	21.46 1.53 0.00	20.78 1.49 0.00	20.50 1.48 0.00	20.53 1.50 0.00	20.81 1.21 -1.54	22.97 1.25 -2.83	23.65 1.21 -4.93	22.79 1.56 -1.29	21.18 1.56 -1.26	20.79 1.40 -3.26	20.30 1.33 -3.70	20.52 1.47 -2.91	20.25 1.49 -2.63	19.98 1.39 -2.85	20.19 1.34 -2.83	21.08 1.31 -3.61	24.26 1.52 -4.60	28.24 1.67 -5.67	31.65 1.64 -9.03	32.29 1.81 -6.63	25.99 1.41 -4.21	24.02 1.51 -2.83	21.45 1.26 -4.03
RIVERSDE_115KV_TB3 55908	21.64 0.47 0.00	20.40 0.48 0.00	19.77 0.48 0.00	19.53 0.51 0.00	19.60 0.57 0.00	20.58 0.40 -2.12	23.20 0.42 -3.90	24.63 0.33 -6.78	22.21 0.50 -1.77	20.57 0.48 -1.74	21.02 0.40 -4.49	20.73 0.37 -5.09	20.55 0.40 -4.00	20.16 0.40 -3.61	20.06 0.39 -3.92	20.33 0.42 -3.90	21.57 0.44 -4.97	24.90 0.44 -6.33	29.21 0.50 -7.81	33.92 0.50 -12.42	33.46 0.57 -9.05	26.68 0.51 -5.79	24.04 0.47 -3.90	22.03 0.32 -5.54
ROARING____BROOK_WT_PWR 323790	20.94 -0.23 0.00	19.73 -0.20 0.00	19.12 -0.17 0.00	18.81 -0.21 0.00	18.82 -0.21 0.00	17.87 -0.20 0.00	18.66 -0.23 0.00	17.31 -0.21 0.00	19.70 -0.24 0.00	18.13 -0.22 0.00	15.92 -0.21 0.00	15.08 -0.20 0.00	15.92 -0.23 0.00	15.92 -0.23 0.00	15.54 -0.21 0.00	15.80 -0.21 0.00	15.93 -0.23 0.00	17.90 -0.24 0.00	20.63 -0.27 0.00	20.68 -0.31 0.00	23.44 -0.41 0.00	20.01 -0.37 0.00	19.30 -0.37 0.00	15.85 -0.31 0.00
ROCHESRG_115KV_T4 355643	20.39 -0.78 0.00	19.21 -0.72 0.00	18.60 -0.69 0.00	18.33 -0.68 0.00	18.31 -0.72 0.00	17.62 -0.65 -0.21	18.65 -0.62 -0.39	17.52 -0.67 -0.67	19.12 -1.00 -0.18	17.66 -0.86 -0.17	15.78 -0.79 -0.44	15.09 -0.69 -0.50	15.75 -0.79 -0.40	15.71 -0.79 -0.36	15.37 -0.76 -0.39	15.64 -0.75 -0.39	15.96 -0.69 -0.49	17.89 -0.87 -0.63	20.60 -1.07 -0.77	21.17 -1.05 -1.23	21.22 -1.12 1.50	20.09 -0.86 -0.57	19.23 -0.83 -0.39	16.17 -0.53 -0.55
ROCHESTER_9_IC 23652	20.50 -0.68 0.00	19.31 -0.62 0.00	18.69 -0.60 0.00	18.43 -0.59 0.00	18.40 -0.63 0.00	17.72 -0.56 -0.21	18.75 -0.53 -0.39	17.62 -0.58 -0.68	19.22 -0.90 -0.18	17.76 -0.77 -0.17	15.85 -0.73 -0.45	15.17 -0.61 -0.51	15.82 -0.73 -0.40	15.79 -0.71 -0.36	15.46 -0.68 -0.39	15.73 -0.67 -0.39	16.04 -0.61 -0.50	17.99 -0.78 -0.63	20.74 -0.94 -0.78	21.31 -0.92 -1.24	21.35 -0.98 1.52	20.22 -0.73 -0.58	19.37 -0.69 -0.39	16.26 -0.45 -0.55
ROCKVIEW_13_KV_LD 356306	22.66 1.48 0.00	21.26 1.33 0.00	20.58 1.29 0.00	20.33 1.31 0.00	20.36 1.33 0.00	20.75 1.16 -1.53	22.94 1.23 -2.82	23.64 1.21 -4.91	22.72 1.50 -1.29	21.10 1.49 -1.26	20.70 1.32 -3.25	20.22 1.25 -3.69	20.41 1.37 -2.90	20.15 1.39 -2.62	19.94 1.35 -2.84	20.15 1.31 -2.83	21.07 1.31 -3.60	24.22 1.51 -4.59	28.20 1.65 -5.65	31.65 1.66 -9.00	32.29 1.84 -6.61	26.06 1.49 -4.19	24.01 1.51 -2.82	21.34 1.16 -4.01
ROME____115KV_TB2 80656	21.77 0.59 0.00	20.46 0.54 0.00	19.79 0.50 0.00	19.55 0.53 0.00	19.52 0.49 0.00	18.53 0.40 -0.07	19.40 0.38 -0.13	18.10 0.35 -0.23	20.30 0.30 -0.06	18.61 0.20 -0.06	16.41 0.13 -0.15	15.55 0.11 -0.17	16.42 0.15 -0.13	16.38 0.11 -0.12	15.94 0.06 -0.13	16.22 0.08 -0.13	16.39 0.06 -0.17	18.47 0.13 -0.21	21.41 0.25 -0.26	21.66 0.25 -0.42	24.58 0.36 -0.37	20.88 0.31 -0.20	20.04 0.24 -0.13	16.59 0.24 -0.19
ROSETON____1 23587	22.45 1.27 0.00	21.12 1.20 0.00	20.43 1.14 0.00	20.20 1.18 0.00	20.17 1.14 0.00	20.55 0.97 -1.51	22.70 1.02 -2.79	23.37 1.00 -4.85	22.47 1.26 -1.27	20.81 1.21 -1.24	20.42 1.08 -3.21	19.99 1.07 -3.64	20.13 1.13 -2.86	19.86 1.13 -2.59	19.65 1.10 -2.81	19.89 1.09 -2.79	20.80 1.08 -3.56	23.90 1.23 -4.53	27.84 1.36 -5.58	31.24 1.36 -8.89	31.75 1.53 -6.38	25.76 1.24 -4.14	23.72 1.26 -2.79	21.08 0.95 -3.96
ROSETON____2 23588	22.45 1.27 0.00	21.12 1.20 0.00	20.43 1.14 0.00	20.20 1.18 0.00	20.17 1.14 0.00	20.55 0.97 -1.51	22.70 1.02 -2.79	23.37 1.00 -4.85	22.47 1.26 -1.27	20.81 1.21 -1.24	20.42 1.08 -3.21	19.99 1.07 -3.64	20.13 1.13 -2.86	19.86 1.13 -2.59	19.65 1.10 -2.81	19.89 1.09 -2.79	20.80 1.08 -3.56	23.90 1.23 -4.53	27.84 1.36 -5.58	31.24 1.36 -8.89	31.75 1.53 -6.38	25.76 1.24 -4.14	23.72 1.26 -2.79	21.08 0.95 -3.96
ROTTSDAM_115KV_TB3 80664	21.96 0.78 0.00	20.66 0.74 0.00	20.01 0.71 0.00	19.74 0.72 0.00	19.79 0.76 0.00	20.96 0.63 -2.26	23.73 0.68 -4.16	25.37 0.61 -7.24	22.57 0.74 -1.89	20.89 0.68 -1.86	21.50 0.58 -4.79	21.24 0.53 -5.43	20.98 0.57 -4.27	20.57 0.57 -3.86	20.45 0.52 -4.19	20.73 0.56 -4.16	22.05 0.58 -5.31	25.54 0.65 -6.76	30.00 0.77 -8.33	35.03 0.78 -13.26	34.41 0.93 -9.64	27.35 0.79 -6.18	24.58 0.75 -4.16	22.64 0.57 -5.91
RUSSELL____1 23602	20.58 -0.59 0.00	19.39 -0.54 0.00	18.77 -0.52 0.00	18.49 -0.53 0.00	18.46 -0.57 0.00	17.79 -0.49 -0.21	18.83 -0.45 -0.39	17.69 -0.51 -0.68	19.30 -0.82 -0.18	17.83 -0.70 -0.17	15.90 -0.68 -0.45	15.22 -0.57 -0.51	15.88 -0.66 -0.40	15.84 -0.66 -0.36	15.52 -0.61 -0.39	15.81 -0.59 -0.39	16.12 -0.53 -0.50	18.06 -0.71 -0.63	20.82 -0.86 -0.78	21.39 -0.84 -1.24	21.46 -0.86 1.52	20.32 -0.63 -0.58	19.45 -0.61 -0.39	16.33 -0.39 -0.55
RUSSELL____2 23532	20.58 -0.59 0.00	19.39 -0.54 0.00	18.77 -0.52 0.00	18.49 -0.53 0.00	18.46 -0.57 0.00	17.79 -0.49 -0.21	18.83 -0.45 -0.39	17.69 -0.51 -0.68	19.30 -0.82 -0.18	17.83 -0.70 -0.17	15.90 -0.68 -0.45	15.22 -0.57 -0.51	15.88 -0.66 -0.40	15.84 -0.66 -0.36	15.52 -0.61 -0.39	15.81 -0.59 -0.39	16.12 -0.53 -0.50	18.06 -0.71 -0.63	20.82 -0.86 -0.78	21.39 -0.84 -1.24	21.46 -0.86 1.52	20.32 -0.63 -0.58	19.45 -0.61 -0.39	16.33 -0.39 -0.55
RUSSELL____3 23549	20.58 -0.59 0.00	19.39 -0.54 0.00	18.77 -0.52 0.00	18.49 -0.53 0.00	18.46 -0.57 0.00	17.79 -0.49 -0.21	18.83 -0.45 -0.39	17.69 -0.51 -0.68	19.30 -0.82 -0.18	17.83 -0.70 -0.17	15.90 -0.68 -0.45	15.22 -0.57 -0.51	15.88 -0.66 -0.40	15.84 -0.66 -0.36	15.52 -0.61 -0.39	15.81 -0.59 -0.39	16.12 -0.53 -0.50	18.06 -0.71 -0.63	20.82 -0.86 -0.78	21.39 -0.84 -1.24	21.46 -0.86 1.52	20.32 -0.63 -0.58	19.45 -0.61 -0.39	16.33 -0.39 -0.55
RUSSELL____4 23556	20.58 -0.59 0.00	19.39 -0.54 0.00	18.77 -0.52 0.00	18.49 -0.53 0.00	18.46 -0.57 0.00	17.79 -0.49 -0.21	18.83 -0.45 -0.39	17.69 -0.51 -0.68	19.30 -0.82 -0.18	17.83 -0.70 -0.17	15.90 -0.68 -0.45	15.22 -0.57 -0.51	15.88 -0.66 -0.40	15.84 -0.66 -0.36	15.52 -0.61 -0.39	15.81 -0.59 -0.39	16.12 -0.53 -0.50	18.06 -0.71 -0.63	20.82 -0.86 -0.78	21.39 -0.84 -1.24	21.46 -0.86 1.52	20.32 -0.63 -0.58	19.45 -0.61 -0.39	16.33 -0.39 -0.55

RUSSELL___STATION 23914	20.58 -0.59 0.00	19.39 -0.54 0.00	18.77 -0.52 0.00	18.49 -0.53 0.00	18.46 -0.57 0.00	17.79 -0.49 -0.21	18.83 -0.45 -0.39	17.69 -0.51 -0.68	19.30 -0.82 -0.18	17.83 -0.70 -0.17	15.90 -0.68 -0.45	15.22 -0.57 -0.51	15.88 -0.66 -0.40	15.84 -0.66 -0.36	15.52 -0.61 -0.39	15.81 -0.59 -0.39	16.12 -0.53 -0.50	18.06 -0.71 -0.63	20.82 -0.86 -0.78	21.39 -0.84 -1.24	21.46 -0.86 1.52	20.32 -0.63 -0.58	19.45 -0.61 -0.39	16.33 -0.39 -0.55
S SALMON___HYD 24043	20.88 -0.30 0.00	19.65 -0.28 0.00	19.00 -0.29 0.00	18.75 -0.27 0.00	18.78 -0.25 0.00	17.77 -0.43 -0.14	18.65 -0.49 -0.25	17.46 -0.49 -0.44	19.40 -0.66 -0.11	17.80 -0.66 -0.11	15.77 -0.65 -0.29	15.01 -0.60 -0.33	15.79 -0.61 -0.26	15.76 -0.61 -0.23	15.40 -0.60 -0.25	15.65 -0.61 -0.25	15.88 -0.60 -0.32	17.89 -0.65 -0.41	20.73 -0.67 -0.50	21.18 -0.61 -0.80	23.87 -0.55 -0.57	20.28 -0.47 -0.37	19.43 -0.49 -0.25	16.11 -0.40 -0.36
S.PERRY__115KV_TB1 80734	21.26 0.08 0.00	20.02 0.10 0.00	19.39 0.10 0.00	19.09 0.08 0.00	19.07 0.04 0.00	18.34 -0.02 -0.29	19.52 0.09 -0.54	18.44 -0.02 -0.94	19.85 -0.34 -0.25	18.30 -0.29 -0.24	16.36 -0.39 -0.62	15.69 -0.29 -0.70	16.29 -0.40 -0.55	16.22 -0.42 -0.50	15.92 -0.36 -0.54	16.20 -0.35 -0.54	16.57 -0.27 -0.69	18.70 -0.31 -0.88	21.64 -0.33 -1.08	22.43 -0.27 -1.72	25.92 -0.14 -2.22	21.12 -0.06 -0.80	20.17 -0.04 -0.54	16.99 0.06 -0.77
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	19.84 -1.33 0.00	18.75 -1.18 0.00	18.17 -1.12 0.00	17.92 -1.10 0.00	17.87 -1.16 0.00	17.14 -1.19 -0.27	18.23 -1.15 -0.50	17.14 -1.24 -0.86	18.43 -1.73 -0.23	17.12 -1.45 -0.22	15.39 -1.31 -0.57	14.81 -1.12 -0.65	15.33 -1.32 -0.51	15.26 -1.34 -0.46	14.95 -1.29 -0.50	15.21 -1.30 -0.50	15.55 -1.24 -0.63	17.43 -1.51 -0.81	20.03 -1.86 -0.99	20.73 -1.85 -1.58	21.38 -2.00 0.46	19.51 -1.61 -0.74	18.62 -1.55 -0.50	15.88 -0.99 -0.71
SAWYER__23_KV_LOAD 55526	19.84 -1.33 0.00	18.75 -1.18 0.00	18.17 -1.12 0.00	17.92 -1.10 0.00	17.87 -1.16 0.00	17.14 -1.19 -0.27	18.23 -1.15 -0.50	17.14 -1.24 -0.86	18.43 -1.73 -0.23	17.12 -1.45 -0.22	15.39 -1.31 -0.57	14.81 -1.12 -0.65	15.33 -1.32 -0.51	15.26 -1.34 -0.46	14.95 -1.29 -0.50	15.21 -1.30 -0.50	15.55 -1.24 -0.63	17.43 -1.51 -0.81	20.03 -1.86 -0.99	20.73 -1.85 -1.58	21.38 -2.00 0.46	19.51 -1.61 -0.74	18.62 -1.55 -0.50	15.88 -0.99 -0.71
SELKIRK___I 23801	21.77 0.59 0.00	20.52 0.60 0.00	19.89 0.60 0.00	19.63 0.61 0.00	19.66 0.63 0.00	20.60 0.45 -2.08	23.22 0.49 -3.84	24.60 0.40 -6.68	22.23 0.54 -1.75	20.56 0.50 -1.71	20.95 0.40 -4.42	20.70 0.41 -5.01	20.49 0.40 -3.94	20.09 0.39 -3.56	19.98 0.38 -3.86	20.25 0.40 -3.84	21.50 0.44 -4.90	24.82 0.45 -6.23	29.13 0.54 -7.69	33.77 0.54 -12.23	33.27 0.64 -8.78	26.67 0.59 -5.70	24.06 0.55 -3.84	22.00 0.39 -5.46
SELKIRK___II 23799	21.71 0.53 0.00	20.46 0.54 0.00	19.83 0.54 0.00	19.57 0.55 0.00	19.58 0.55 0.00	20.60 0.42 -2.12	23.23 0.43 -3.91	24.68 0.37 -6.80	22.22 0.50 -1.78	20.57 0.48 -1.74	21.05 0.42 -4.50	20.79 0.41 -5.10	20.57 0.42 -4.01	20.17 0.40 -3.62	20.07 0.39 -3.93	20.33 0.42 -3.91	21.58 0.44 -4.99	24.91 0.43 -6.35	29.24 0.52 -7.82	33.96 0.52 -12.45	33.38 0.60 -8.94	26.71 0.53 -5.80	24.07 0.49 -3.91	22.05 0.34 -5.55
SENECA OSWGO___HYD 24041	20.88 -0.30 0.00	19.65 -0.28 0.00	19.00 -0.29 0.00	18.73 -0.28 0.00	18.78 -0.25 0.00	17.77 -0.45 -0.15	18.72 -0.45 -0.28	17.54 -0.47 -0.49	19.43 -0.64 -0.13	17.87 -0.61 -0.13	15.89 -0.56 -0.33	15.10 -0.55 -0.37	15.87 -0.57 -0.29	15.84 -0.57 -0.26	15.48 -0.55 -0.28	15.75 -0.54 -0.28	16.00 -0.52 -0.36	18.00 -0.60 -0.46	20.80 -0.67 -0.57	21.26 -0.63 -0.90	23.82 -0.67 -0.65	20.25 -0.55 -0.42	19.43 -0.53 -0.28	16.13 -0.44 -0.40
SENECA___115KV_TB3 355854	20.14 -1.04 0.00	19.03 -0.90 0.00	18.44 -0.85 0.00	18.18 -0.84 0.00	18.13 -0.89 0.00	17.24 -1.10 -0.28	18.37 -1.04 -0.52	17.30 -1.12 -0.90	18.58 -1.60 -0.24	17.26 -1.32 -0.23	15.51 -1.21 -0.60	14.94 -1.01 -0.67	15.46 -1.21 -0.53	15.38 -1.24 -0.48	15.06 -1.20 -0.52	15.33 -1.20 -0.52	15.67 -1.15 -0.66	17.60 -1.38 -0.84	20.22 -1.71 -1.04	20.96 -1.68 -1.65	21.69 -1.81 0.34	19.68 -1.47 -0.77	18.77 -1.42 -0.52	16.01 -0.89 -0.74
SENECA___ENERGY 23797	20.98 -0.19 0.00	19.73 -0.20 0.00	19.10 -0.19 0.00	18.83 -0.19 0.00	18.84 -0.19 0.00	17.98 -0.31 -0.22	19.03 -0.26 -0.41	17.93 -0.30 -0.71	19.65 -0.48 -0.19	18.09 -0.44 -0.18	16.16 -0.43 -0.47	15.37 -0.44 -0.53	16.11 -0.45 -0.42	16.05 -0.47 -0.38	15.70 -0.46 -0.41	16.00 -0.42 -0.41	16.29 -0.39 -0.52	18.34 -0.45 -0.66	21.20 -0.52 -0.82	21.83 -0.46 -1.30	32.39 -0.48 -9.02	20.62 -0.37 -0.61	19.71 -0.37 -0.41	16.48 -0.26 -0.58
SHOEMAKER___GT 23640	22.28 1.10 0.00	20.98 1.06 0.00	20.29 1.00 0.00	20.06 1.05 0.00	20.06 1.03 0.00	20.29 0.87 -1.36	22.30 0.91 -2.50	22.76 0.89 -4.35	22.18 1.10 -1.14	20.51 1.05 -1.12	19.92 0.92 -2.88	19.47 0.93 -3.26	19.66 0.95 -2.56	19.41 0.95 -2.32	19.20 0.94 -2.51	19.46 0.94 -2.50	20.30 0.95 -3.19	23.28 1.09 -4.06	27.09 1.19 -5.00	30.17 1.22 -7.97	30.95 1.38 -5.72	25.23 1.14 -3.71	23.33 1.16 -2.50	20.57 0.86 -3.55
SHOEMAKR_138KV_BK 111 55601	22.23 1.06 0.00	20.92 1.00 0.00	20.26 0.96 0.00	20.01 0.99 0.00	20.04 1.01 0.00	20.29 0.87 -1.36	22.31 0.93 -2.50	22.76 0.89 -4.35	22.18 1.10 -1.14	20.53 1.06 -1.11	19.94 0.94 -2.88	19.42 0.89 -3.26	19.67 0.97 -2.56	19.43 0.97 -2.32	19.22 0.96 -2.51	19.45 0.94 -2.50	20.30 0.95 -3.19	23.28 1.09 -4.06	27.09 1.19 -5.00	30.17 1.22 -7.96	31.10 1.38 -5.87	25.21 1.12 -3.71	23.31 1.14 -2.50	20.57 0.86 -3.55
SHOREHAM_IC_1 23715	28.35 2.08 -5.10	26.79 2.07 -4.79	24.29 2.03 -2.97	23.43 2.11 -2.30	24.33 2.04 -3.26	25.27 1.81 -5.40	24.01 1.96 -3.15	29.41 1.91 -9.98	28.64 2.29 -6.41	27.99 2.16 -7.48	23.69 1.90 -5.66	22.80 1.89 -5.63	22.20 1.92 -4.14	22.27 1.90 -4.22	22.82 1.94 -5.14	23.43 1.79 -5.63	25.35 1.81 -7.38	30.72 1.99 -10.59	36.33 2.13 -13.30	36.78 2.04 -13.76	40.82 2.27 -14.71	36.03 1.96 -13.70	26.14 2.05 -4.42	25.83 1.75 -7.92
SHOREHAM_IC_2 23716	28.35 2.08 -5.10	26.79 2.07 -4.79	24.29 2.03 -2.97	23.43 2.11 -2.30	24.33 2.04 -3.26	25.27 1.81 -5.40	24.01 1.96 -3.15	29.41 1.91 -9.98	28.64 2.29 -6.41	27.99 2.16 -7.48	23.69 1.90 -5.66	22.80 1.89 -5.63	22.20 1.92 -4.14	22.27 1.90 -4.22	22.82 1.94 -5.14	23.43 1.79 -5.63	25.35 1.81 -7.38	30.72 1.99 -10.59	36.33 2.13 -13.30	36.78 2.04 -13.76	40.82 2.27 -14.71	36.03 1.96 -13.70	26.14 2.05 -4.42	25.83 1.75 -7.92
SISSONVILLE___ 23735	20.37 -0.80 0.00	19.17 -0.76 0.00	18.54 -0.75 0.00	18.18 -0.84 0.00	18.17 -0.86 0.00	17.35 -0.74 -0.02	18.10 -0.83 -0.04	16.89 -0.70 -0.07	19.16 -0.80 -0.02	17.56 -0.81 -0.02	15.43 -0.74 -0.05	14.61 -0.72 -0.05	15.44 -0.74 -0.04	15.42 -0.76 -0.04	15.04 -0.74 -0.04	15.28 -0.77 -0.04	15.44 -0.78 -0.05	17.40 -0.80 -0.07	20.17 -0.82 -0.08	20.24 -0.88 -0.13	22.89 -1.05 -0.10	19.54 -0.90 -0.06	18.79 -0.92 -0.04	15.49 -0.73 -0.06

SITHE_IND_GS1 24169	20.67 -0.51 0.00	19.45 -0.48 0.00	18.83 -0.46 0.00	18.56 -0.46 0.00	18.61 -0.42 0.00	17.60 -0.60 -0.13	18.51 -0.62 -0.24	17.31 -0.63 -0.42	19.25 -0.80 -0.11	17.71 -0.75 -0.11	15.73 -0.68 -0.28	14.93 -0.66 -0.32	15.71 -0.68 -0.25	15.69 -0.68 -0.22	15.32 -0.66 -0.24	15.60 -0.66 -0.24	15.82 -0.65 -0.31	17.78 -0.74 -0.39	20.53 -0.86 -0.48	20.92 -0.84 -0.77	23.49 -0.91 -0.55	19.98 -0.75 -0.36	19.19 -0.73 -0.24	15.92 -0.58 -0.34
SITHE_IND_GS2 24170	20.67 -0.51 0.00	19.45 -0.48 0.00	18.83 -0.46 0.00	18.56 -0.46 0.00	18.61 -0.42 0.00	17.60 -0.60 -0.13	18.51 -0.62 -0.24	17.31 -0.63 -0.42	19.25 -0.80 -0.11	17.71 -0.75 -0.11	15.73 -0.68 -0.28	14.93 -0.66 -0.32	15.71 -0.68 -0.25	15.69 -0.68 -0.22	15.32 -0.66 -0.24	15.60 -0.66 -0.24	15.82 -0.65 -0.31	17.78 -0.74 -0.39	20.53 -0.86 -0.48	20.92 -0.84 -0.77	23.49 -0.91 -0.55	19.98 -0.75 -0.36	19.19 -0.73 -0.24	15.92 -0.58 -0.34
SITHE_IND_GS3 24171	20.67 -0.51 0.00	19.45 -0.48 0.00	18.83 -0.46 0.00	18.56 -0.46 0.00	18.61 -0.42 0.00	17.60 -0.60 -0.13	18.51 -0.62 -0.24	17.31 -0.63 -0.42	19.25 -0.80 -0.11	17.71 -0.75 -0.11	15.73 -0.68 -0.28	14.93 -0.66 -0.32	15.71 -0.68 -0.25	15.69 -0.68 -0.22	15.32 -0.66 -0.24	15.60 -0.66 -0.24	15.82 -0.65 -0.31	17.78 -0.74 -0.39	20.53 -0.86 -0.48	20.92 -0.84 -0.77	23.49 -0.91 -0.55	19.98 -0.75 -0.36	19.19 -0.73 -0.24	15.92 -0.58 -0.34
SITHE_IND_GS4 24172	20.67 -0.51 0.00	19.45 -0.48 0.00	18.83 -0.46 0.00	18.56 -0.46 0.00	18.61 -0.42 0.00	17.60 -0.60 -0.13	18.51 -0.62 -0.24	17.31 -0.63 -0.42	19.25 -0.80 -0.11	17.71 -0.75 -0.11	15.73 -0.68 -0.28	14.93 -0.66 -0.32	15.71 -0.68 -0.25	15.69 -0.68 -0.22	15.32 -0.66 -0.24	15.60 -0.66 -0.24	15.82 -0.65 -0.31	17.78 -0.74 -0.39	20.53 -0.86 -0.48	20.92 -0.84 -0.77	23.49 -0.91 -0.55	19.98 -0.75 -0.36	19.19 -0.73 -0.24	15.92 -0.58 -0.34
SITHE___BATAVIA 24024	20.46 -0.72 0.00	19.19 -0.74 0.00	18.60 -0.69 0.00	18.28 -0.74 0.00	18.31 -0.72 0.00	17.61 -0.69 -0.23	18.68 -0.64 -0.43	17.55 -0.72 -0.75	18.98 -1.16 -0.20	17.57 -0.97 -0.19	15.69 -0.94 -0.50	14.93 -0.90 -0.56	15.62 -0.97 -0.44	15.49 -1.05 -0.40	15.23 -0.94 -0.43	15.50 -0.94 -0.43	15.85 -0.86 -0.55	17.75 -1.09 -0.70	20.47 -1.30 -0.86	21.13 -1.24 -1.37	21.65 -1.12 1.07	20.04 -0.98 -0.64	19.18 -0.92 -0.43	16.24 -0.53 -0.61
SITHE___INDEPEND 23800	20.73 -0.44 0.00	19.51 -0.42 0.00	18.89 -0.41 0.00	18.62 -0.40 0.00	18.61 -0.42 0.00	17.60 -0.60 -0.13	18.51 -0.62 -0.24	17.31 -0.63 -0.43	19.26 -0.80 -0.11	17.71 -0.75 -0.11	15.73 -0.68 -0.28	14.97 -0.63 -0.32	15.72 -0.68 -0.25	15.69 -0.68 -0.23	15.33 -0.66 -0.25	15.60 -0.66 -0.24	15.83 -0.65 -0.31	17.79 -0.74 -0.40	20.53 -0.86 -0.49	20.93 -0.84 -0.78	23.37 -0.91 -0.43	19.99 -0.75 -0.36	19.19 -0.73 -0.24	15.93 -0.58 -0.35
SITHE___MASSENA 23902	20.96 -0.21 0.00	19.73 -0.20 0.00	19.12 -0.17 0.00	18.75 -0.27 0.00	18.74 -0.28 0.00	17.85 -0.22 0.00	18.63 -0.26 0.00	17.32 -0.19 0.00	19.72 -0.22 0.00	18.11 -0.24 0.00	15.90 -0.23 0.00	15.03 -0.24 0.00	15.90 -0.24 0.00	15.92 -0.23 0.00	15.51 -0.24 0.00	15.77 -0.24 0.00	15.90 -0.26 0.00	17.90 -0.24 0.00	20.67 -0.23 0.00	20.72 -0.27 0.00	23.46 -0.38 0.00	20.07 -0.31 0.00	19.36 -0.32 0.00	15.95 -0.21 0.00
SITHE___OGDNSBRG 24021	20.92 -0.25 0.00	19.69 -0.24 0.00	19.06 -0.23 0.00	18.69 -0.32 0.00	18.69 -0.34 0.00	17.83 -0.25 -0.02	18.60 -0.32 -0.03	17.33 -0.25 -0.05	19.66 -0.30 -0.01	18.00 -0.37 -0.01	15.81 -0.35 -0.04	14.96 -0.35 -0.04	15.82 -0.36 -0.03	15.82 -0.36 -0.03	15.41 -0.36 -0.03	15.67 -0.37 -0.03	15.83 -0.37 -0.04	17.88 -0.31 -0.05	20.71 -0.25 -0.06	20.77 -0.31 -0.10	23.53 -0.38 -0.07	20.10 -0.33 -0.05	19.31 -0.39 -0.03	15.95 -0.26 -0.04
SITHE___STERLING 23777	21.71 0.53 0.00	20.42 0.50 0.00	19.75 0.46 0.00	19.49 0.48 0.00	19.50 0.48 0.00	18.52 0.36 -0.09	19.42 0.36 -0.17	18.12 0.32 -0.29	20.30 0.28 -0.08	18.61 0.18 -0.07	16.45 0.13 -0.19	15.57 0.08 -0.22	16.46 0.14 -0.17	16.41 0.11 -0.16	15.97 0.06 -0.17	16.27 0.10 -0.17	16.42 0.05 -0.21	18.50 0.09 -0.27	21.42 0.19 -0.33	21.71 0.19 -0.53	24.51 0.29 -0.38	20.85 0.22 -0.25	20.02 0.18 -0.17	16.59 0.19 -0.24
SLEIGHT__34_KV_TB1 80719	21.43 0.25 0.00	20.18 0.26 0.00	19.52 0.23 0.00	19.25 0.23 0.00	19.24 0.21 0.00	18.40 0.13 -0.21	19.47 0.19 -0.39	18.36 0.16 -0.68	20.16 0.04 -0.18	18.53 0.00 -0.17	16.51 -0.06 -0.45	15.72 -0.06 -0.51	16.46 -0.08 -0.40	16.46 -0.05 -0.36	16.04 -0.09 -0.39	16.34 -0.06 -0.39	16.64 -0.02 -0.50	18.73 -0.04 -0.64	21.64 -0.04 -0.78	22.24 0.00 -1.25	24.66 0.07 -0.74	21.06 0.10 -0.58	20.16 0.10 -0.39	16.83 0.11 -0.56
SOUTH CAIRO___GT 23612	21.90 0.72 0.00	20.84 0.92 0.00	20.10 0.81 0.00	19.91 0.89 0.00	19.96 0.93 0.00	20.71 0.69 -1.96	23.30 0.79 -3.61	24.49 0.68 -6.29	22.40 0.82 -1.64	20.68 0.72 -1.61	20.84 0.55 -4.16	20.53 0.53 -4.72	20.33 0.48 -3.71	19.94 0.45 -3.35	19.85 0.47 -3.63	20.15 0.53 -3.61	21.40 0.63 -4.61	24.78 0.78 -5.87	29.03 0.90 -7.23	33.47 0.97 -11.51	33.30 1.19 -8.27	26.76 1.02 -5.37	24.19 0.91 -3.61	21.89 0.60 -5.13
SOUTH HAMPTN___IC 23720	28.65 2.37 -5.10	27.03 2.31 -4.79	24.52 2.26 -2.97	23.64 2.32 -2.30	24.55 2.26 -3.26	25.47 2.01 -5.40	24.20 2.15 -3.15	29.58 2.08 -9.98	28.86 2.51 -6.41	28.20 2.37 -7.48	23.87 2.08 -5.66	23.00 2.09 -5.63	22.36 2.08 -4.14	22.43 2.07 -4.22	23.02 2.14 -5.14	23.67 2.03 -5.63	25.59 2.05 -7.38	31.05 2.32 -10.59	36.72 2.53 -13.30	37.16 2.41 -13.76	41.25 2.69 -14.71	36.40 2.32 -13.70	26.49 2.40 -4.42	26.03 1.95 -7.92
SOUTHDOW__115KV_TB1 355954	20.71 -0.47 0.00	19.59 -0.34 0.00	18.98 -0.31 0.00	18.71 -0.30 0.00	18.67 -0.36 0.00	17.76 -0.61 -0.31	18.98 -0.47 -0.57	17.98 -0.53 -0.99	19.34 -0.86 -0.26	17.93 -0.68 -0.25	16.13 -0.65 -0.65	15.52 -0.49 -0.74	16.04 -0.68 -0.58	15.96 -0.71 -0.52	15.60 -0.71 -0.57	15.87 -0.70 -0.57	16.22 -0.66 -0.72	18.26 -0.80 -0.92	21.01 -1.02 -1.13	21.85 -0.94 -1.81	23.61 -1.03 -0.79	20.40 -0.82 -0.84	19.37 -0.87 -0.57	16.50 -0.47 -0.81
SOUTHOLD_69_KV_BK 2 55809	28.90 2.63 -5.10	27.23 2.51 -4.79	24.71 2.45 -2.97	23.81 2.49 -2.30	24.80 2.51 -3.26	25.72 2.26 -5.40	24.42 2.40 -3.13	29.43 2.29 -9.62	28.75 2.77 -6.04	27.99 2.61 -7.03	24.08 2.29 -5.66	22.99 2.09 -5.63	22.55 2.28 -4.13	22.61 2.24 -4.22	23.24 2.36 -5.14	23.91 2.27 -5.63	25.83 2.29 -7.38	31.35 2.63 -10.59	37.12 2.93 -13.30	37.54 2.79 -13.75	41.83 3.12 -14.86	36.78 2.71 -13.70	26.85 2.75 -4.42	26.28 2.20 -7.92
SOUTHOLD___IC 23719	28.97 2.69 -5.10	27.31 2.59 -4.79	24.79 2.53 -2.97	23.90 2.59 -2.30	24.80 2.51 -3.26	25.72 2.26 -5.40	24.44 2.40 -3.15	29.81 2.31 -9.98	29.12 2.77 -6.41	28.43 2.60 -7.48	24.08 2.29 -5.66	23.22 2.32 -5.63	22.56 2.28 -4.14	22.61 2.24 -4.22	23.24 2.36 -5.14	23.91 2.27 -5.63	25.85 2.31 -7.38	31.35 2.63 -10.59	37.12 2.93 -13.30	37.54 2.79 -13.76	41.68 3.12 -14.71	36.79 2.71 -13.70	26.85 2.75 -4.42	26.28 2.20 -7.92

SPIERFLS_115KV_TB 1 80737	22.04 0.87 0.00	20.72 0.80 0.00	20.06 0.77 0.00	19.78 0.76 0.00	19.87 0.84 0.00	20.96 0.67 -2.22	23.75 0.76 -4.10	25.33 0.68 -7.13	22.63 0.82 -1.87	20.92 0.73 -1.83	21.45 0.60 -4.72	21.16 0.53 -5.35	20.87 0.52 -4.21	20.46 0.52 -3.80	20.35 0.49 -4.12	20.66 0.54 -4.10	22.01 0.61 -5.23	25.53 0.74 -6.66	30.01 0.90 -8.21	35.00 0.94 -13.06	34.51 1.17 -9.50	27.49 1.02 -6.09	24.70 0.92 -4.10	22.62 0.63 -5.83
ST LAWRENCE____ 23600	20.82 -0.36 0.00	19.60 -0.32 0.00	18.98 -0.31 0.00	18.64 -0.38 0.00	18.65 -0.38 0.00	17.74 -0.32 0.00	18.53 -0.36 0.00	17.22 -0.30 0.00	19.60 -0.34 0.00	18.02 -0.33 0.00	15.84 -0.29 0.00	15.00 -0.27 0.00	15.84 -0.31 0.00	15.85 -0.29 0.00	15.46 -0.28 0.00	15.72 -0.29 0.00	15.85 -0.31 0.00	17.81 -0.33 0.00	20.54 -0.36 0.00	20.61 -0.38 0.00	23.34 -0.50 0.00	19.97 -0.41 0.00	19.26 -0.41 0.00	15.85 -0.31 0.00
STATE_CA_115KV_115_LB 55624	21.64 0.47 0.00	20.40 0.48 0.00	19.79 0.50 0.00	19.53 0.51 0.00	19.60 0.57 0.00	20.60 0.40 -2.14	23.25 0.42 -3.94	24.72 0.35 -6.86	22.23 0.50 -1.79	20.61 0.50 -1.76	21.08 0.42 -4.54	20.80 0.38 -5.14	20.59 0.40 -4.04	20.20 0.40 -3.65	20.08 0.38 -3.96	20.37 0.42 -3.94	21.62 0.44 -5.03	24.97 0.44 -6.40	29.29 0.50 -7.89	34.05 0.50 -12.55	33.55 0.57 -9.14	26.74 0.51 -5.85	24.10 0.49 -3.94	22.08 0.32 -5.60
STATE_ST_34_KV_LOAD 55959	21.30 0.13 0.00	20.04 0.12 0.00	19.41 0.12 0.00	19.15 0.13 0.00	19.14 0.11 0.00	18.23 -0.05 -0.22	19.29 0.00 -0.40	18.20 -0.02 -0.70	20.02 -0.10 -0.18	18.40 -0.13 -0.18	16.41 -0.18 -0.46	15.63 -0.17 -0.52	16.36 -0.19 -0.41	16.35 -0.16 -0.37	16.10 -0.05 -0.40	16.40 -0.02 -0.40	16.69 0.02 -0.51	18.80 0.02 -0.65	21.72 0.02 -0.80	22.31 0.04 -1.28	27.33 0.14 -3.34	21.12 0.14 -0.60	20.19 0.12 -0.40	16.68 -0.05 -0.57
STATION 5_MISC_HYD 23604	20.52 -0.66 0.00	19.27 -0.66 0.00	18.67 -0.62 0.00	18.37 -0.65 0.00	18.40 -0.63 0.00	17.72 -0.56 -0.21	18.75 -0.53 -0.39	17.61 -0.58 -0.67	19.22 -0.90 -0.18	17.75 -0.77 -0.17	15.85 -0.73 -0.45	15.11 -0.67 -0.51	15.81 -0.73 -0.40	15.74 -0.76 -0.36	15.46 -0.68 -0.39	15.73 -0.67 -0.39	16.04 -0.61 -0.49	17.97 -0.80 -0.63	20.74 -0.94 -0.78	21.30 -0.92 -1.24	21.34 -0.98 1.52	20.22 -0.73 -0.58	19.37 -0.69 -0.39	16.26 -0.45 -0.55
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	20.79 -0.38 0.00	19.59 -0.34 0.00	18.96 -0.33 0.00	18.69 -0.32 0.00	18.67 -0.36 0.00	17.90 -0.38 -0.21	18.95 -0.34 -0.40	17.84 -0.37 -0.69	19.50 -0.62 -0.18	17.98 -0.55 -0.18	16.05 -0.53 -0.46	15.33 -0.46 -0.52	16.02 -0.53 -0.41	15.98 -0.54 -0.37	15.61 -0.54 -0.40	15.89 -0.51 -0.40	16.20 -0.47 -0.51	18.20 -0.58 -0.64	21.00 -0.69 -0.79	21.58 -0.67 -1.26	15.42 -0.69 7.73	20.46 -0.51 -0.59	19.58 -0.49 -0.40	16.42 -0.31 -0.56
STA_56_34_KV_BUS2_REV_LBMP_B 345033	20.37 -0.80 0.00	19.21 -0.72 0.00	18.58 -0.71 0.00	18.31 -0.70 0.00	18.29 -0.74 0.00	17.61 -0.67 -0.21	18.64 -0.64 -0.39	17.53 -0.67 -0.67	19.12 -1.00 -0.18	17.66 -0.86 -0.17	15.77 -0.81 -0.45	15.09 -0.69 -0.51	15.73 -0.81 -0.40	15.71 -0.79 -0.36	15.38 -0.76 -0.39	15.65 -0.75 -0.39	15.94 -0.71 -0.49	17.89 -0.87 -0.63	20.63 -1.04 -0.78	21.20 -1.03 -1.23	20.63 -1.10 2.12	20.10 -0.86 -0.58	19.25 -0.81 -0.39	16.15 -0.57 -0.55
STA_56____34_KV_BUS2 355983	20.37 -0.80 0.00	19.21 -0.72 0.00	18.58 -0.71 0.00	18.31 -0.70 0.00	18.29 -0.74 0.00	17.61 -0.67 -0.21	18.64 -0.64 -0.39	17.53 -0.67 -0.67	19.12 -1.00 -0.18	17.66 -0.86 -0.17	15.77 -0.81 -0.45	15.09 -0.69 -0.51	15.73 -0.81 -0.40	15.71 -0.79 -0.36	15.38 -0.76 -0.39	15.65 -0.75 -0.39	15.94 -0.71 -0.49	17.89 -0.87 -0.63	20.63 -1.04 -0.78	21.20 -1.03 -1.23	20.63 -1.10 2.12	20.10 -0.86 -0.58	19.25 -0.81 -0.39	16.15 -0.57 -0.55
STA_67____115KV_BK2 355882	20.46 -0.72 0.00	19.29 -0.64 0.00	18.66 -0.64 0.00	18.39 -0.63 0.00	18.36 -0.67 0.00	17.68 -0.60 -0.21	18.71 -0.57 -0.39	17.58 -0.61 -0.68	19.18 -0.94 -0.18	17.72 -0.81 -0.17	15.82 -0.76 -0.45	15.14 -0.64 -0.51	15.80 -0.74 -0.40	15.76 -0.74 -0.36	15.43 -0.71 -0.39	15.70 -0.70 -0.39	16.01 -0.65 -0.50	17.95 -0.82 -0.63	20.70 -0.98 -0.78	21.26 -0.97 -1.24	21.31 -1.03 1.51	20.18 -0.77 -0.58	19.31 -0.75 -0.39	16.23 -0.48 -0.55
STA_7____115KV_9TRANS 80674	20.58 -0.59 0.00	19.39 -0.54 0.00	18.77 -0.52 0.00	18.49 -0.53 0.00	18.46 -0.57 0.00	17.79 -0.49 -0.21	18.83 -0.45 -0.39	17.69 -0.51 -0.68	19.30 -0.82 -0.18	17.83 -0.70 -0.17	15.90 -0.68 -0.45	15.22 -0.57 -0.51	15.88 -0.66 -0.40	15.84 -0.66 -0.36	15.52 -0.61 -0.39	15.81 -0.59 -0.39	16.12 -0.53 -0.50	18.06 -0.71 -0.63	20.82 -0.86 -0.78	21.39 -0.84 -1.24	21.46 -0.86 1.52	20.32 -0.63 -0.58	19.45 -0.61 -0.39	16.33 -0.39 -0.55
STA_82____115KV_TB1 80780	20.48 -0.70 0.00	19.29 -0.64 0.00	18.67 -0.62 0.00	18.41 -0.61 0.00	18.38 -0.65 0.00	17.70 -0.58 -0.21	18.73 -0.55 -0.39	17.60 -0.60 -0.68	19.20 -0.92 -0.18	17.74 -0.79 -0.17	15.84 -0.74 -0.45	15.16 -0.63 -0.51	15.80 -0.74 -0.40	15.76 -0.74 -0.36	15.44 -0.69 -0.39	15.71 -0.69 -0.39	16.03 -0.63 -0.50	17.97 -0.80 -0.64	20.70 -0.98 -0.78	21.27 -0.97 -1.25	21.27 -1.00 1.57	20.20 -0.75 -0.58	19.34 -0.73 -0.39	16.25 -0.47 -0.56
STEEL____WIND 323596	20.22 -0.95 0.00	18.99 -0.94 0.00	18.42 -0.87 0.00	18.12 -0.89 0.00	18.13 -0.89 0.00	17.24 -1.10 -0.27	18.36 -1.04 -0.51	17.27 -1.12 -0.88	18.58 -1.60 -0.23	17.24 -1.34 -0.23	15.50 -1.21 -0.58	14.79 -1.15 -0.66	15.43 -1.23 -0.52	15.30 -1.31 -0.47	15.04 -1.21 -0.51	15.31 -1.20 -0.50	15.64 -1.16 -0.64	17.54 -1.41 -0.82	20.18 -1.73 -1.01	20.90 -1.70 -1.61	21.70 -1.84 0.31	19.64 -1.49 -0.75	18.74 -1.44 -0.51	15.97 -0.90 -0.72
STEPHTWN_115KV_BK_2 55603	21.77 0.59 0.00	20.52 0.60 0.00	19.89 0.60 0.00	19.65 0.63 0.00	19.71 0.69 0.00	20.66 0.49 -2.11	23.31 0.53 -3.89	24.74 0.46 -6.77	22.35 0.64 -1.77	20.69 0.61 -1.74	21.12 0.52 -4.48	20.83 0.47 -5.08	20.63 0.50 -3.99	20.23 0.48 -3.61	20.10 0.44 -3.91	20.38 0.48 -3.89	21.64 0.52 -4.96	24.98 0.53 -6.32	29.31 0.63 -7.79	34.02 0.63 -12.40	33.61 0.74 -9.03	26.81 0.65 -5.78	24.17 0.61 -3.89	22.13 0.44 -5.53
STEBEN_REC_LFGE 323667	21.39 0.21 0.00	20.18 0.26 0.00	19.56 0.27 0.00	19.27 0.25 0.00	19.24 0.21 0.00	18.39 -0.04 -0.36	19.65 0.09 -0.67	18.68 0.00 -1.16	19.99 -0.26 -0.30	18.43 -0.22 -0.30	16.64 -0.26 -0.77	15.98 -0.17 -0.87	16.57 -0.26 -0.68	16.49 -0.27 -0.62	16.11 -0.30 -0.67	16.39 -0.29 -0.67	16.78 -0.23 -0.85	18.92 -0.29 -1.08	21.86 -0.38 -1.33	22.82 -0.29 -2.12	28.43 -0.24 -4.83	21.20 -0.16 -0.99	20.18 -0.16 -0.67	17.12 0.02 -0.95
STONY____BROOK 24151	28.48 2.20 -5.10	26.81 2.09 -4.79	24.29 2.03 -2.97	23.41 2.09 -2.30	24.31 2.02 -3.26	25.25 1.79 -5.40	23.95 1.91 -3.15	29.33 1.84 -9.98	28.58 2.23 -6.40	27.93 2.11 -7.47	23.64 1.85 -5.66	22.84 1.94 -5.63	22.17 1.89 -4.14	22.25 1.89 -4.22	22.87 1.98 -5.14	23.54 1.90 -5.63	25.46 1.92 -7.38	30.90 2.17 -10.59	36.56 2.36 -13.30	36.99 2.25 -13.76	41.06 2.50 -14.71	36.23 2.16 -13.70	26.34 2.24 -4.42	25.81 1.73 -7.92

STURGEON_POOL_HYD 23609	22.98 1.80 0.00	21.68 1.75 0.00	20.95 1.66 0.00	20.77 1.75 0.00	20.80 1.77 0.00	21.27 1.61 -1.60	23.57 1.74 -2.94	24.33 1.70 -5.12	23.29 2.01 -1.34	21.57 1.91 -1.31	21.17 1.66 -3.39	20.66 1.54 -3.84	20.89 1.73 -3.02	20.56 1.70 -2.73	20.26 1.56 -2.96	20.49 1.54 -2.94	21.50 1.58 -3.75	24.83 1.92 -4.78	28.88 2.09 -5.89	32.54 2.18 -9.37	33.22 2.50 -6.88	26.72 1.98 -4.37	24.54 1.93 -2.94	21.94 1.60 -4.18
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	22.36 1.19 0.00	21.02 1.10 0.00	20.35 1.06 0.00	20.12 1.10 0.00	20.15 1.12 0.00	20.43 0.96 -1.41	22.51 1.02 -2.59	23.03 1.00 -4.51	22.36 1.24 -1.18	20.72 1.21 -1.16	20.18 1.06 -2.99	19.66 0.99 -3.39	19.92 1.11 -2.66	19.65 1.10 -2.41	19.41 1.05 -2.61	19.65 1.04 -2.60	20.52 1.05 -3.31	23.54 1.20 -4.21	27.41 1.32 -5.19	30.60 1.34 -8.27	31.46 1.53 -6.09	25.45 1.22 -3.85	23.53 1.26 -2.59	20.82 0.97 -3.69
SWANROAD_115KV_TB1 355699	19.40 -1.78 0.00	18.33 -1.59 0.00	17.77 -1.52 0.00	17.50 -1.52 0.00	17.39 -1.64 0.00	16.82 -1.50 -0.26	17.85 -1.51 -0.47	16.75 -1.59 -0.82	18.00 -2.15 -0.22	16.73 -1.84 -0.21	15.03 -1.64 -0.54	14.47 -1.42 -0.62	14.97 -1.66 -0.49	14.90 -1.68 -0.44	14.60 -1.62 -0.48	14.85 -1.63 -0.47	15.18 -1.58 -0.60	17.02 -1.89 -0.77	19.55 -2.30 -0.95	20.21 -2.29 -1.51	21.05 -2.15 0.65	19.04 -2.04 -0.70	18.20 -1.95 -0.47	15.57 -1.26 -0.67
SYNERGY___BIOGAS 323694	20.46 -0.72 0.00	19.19 -0.74 0.00	18.60 -0.69 0.00	18.28 -0.74 0.00	18.31 -0.72 0.00	17.61 -0.69 -0.23	18.68 -0.64 -0.43	17.55 -0.72 -0.75	18.98 -1.16 -0.20	17.57 -0.97 -0.19	15.69 -0.94 -0.50	14.93 -0.90 -0.56	15.62 -0.97 -0.44	15.49 -1.05 -0.40	15.23 -0.94 -0.43	15.50 -0.94 -0.43	15.85 -0.86 -0.55	17.75 -1.09 -0.70	20.47 -1.30 -0.86	21.13 -1.24 -1.37	21.65 -1.12 1.07	20.04 -0.98 -0.64	19.18 -0.92 -0.43	16.24 -0.53 -0.61
SYRACUSE___ENERGY_ST1 323597	21.18 0.00 0.00	19.92 0.00 0.00	19.29 0.00 0.00	19.02 0.00 0.00	19.05 0.02 0.00	18.09 -0.16 -0.18	19.08 -0.15 -0.34	17.91 -0.19 -0.59	19.78 -0.32 -0.15	18.19 -0.31 -0.15	16.21 -0.31 -0.39	15.41 -0.31 -0.44	16.20 -0.29 -0.35	16.17 -0.29 -0.31	15.80 -0.28 -0.34	16.08 -0.27 -0.34	16.35 -0.24 -0.43	18.39 -0.29 -0.55	21.24 -0.34 -0.68	21.76 -0.31 -1.08	25.44 -0.29 -1.88	20.64 -0.24 -0.50	19.78 -0.24 -0.34	16.47 -0.18 -0.48
SYRACUSE___ENERGY_ST2 323598	21.18 0.00 0.00	19.92 0.00 0.00	19.29 0.00 0.00	19.02 0.00 0.00	19.05 0.02 0.00	18.09 -0.16 -0.18	19.08 -0.15 -0.34	17.91 -0.19 -0.59	19.78 -0.32 -0.15	18.19 -0.31 -0.15	16.21 -0.31 -0.39	15.41 -0.31 -0.44	16.20 -0.29 -0.35	16.17 -0.29 -0.31	15.80 -0.28 -0.34	16.08 -0.27 -0.34	16.35 -0.24 -0.43	18.39 -0.29 -0.55	21.24 -0.34 -0.68	21.76 -0.31 -1.08	25.44 -0.29 -1.88	20.64 -0.24 -0.50	19.78 -0.24 -0.34	16.47 -0.18 -0.48
SYRACUSE___POWER 24017	21.15 -0.02 0.00	19.90 -0.02 0.00	19.27 -0.02 0.00	19.00 -0.02 0.00	18.99 -0.04 0.00	18.04 -0.22 -0.19	19.04 -0.21 -0.36	17.91 -0.23 -0.62	19.74 -0.36 -0.16	18.18 -0.33 -0.16	16.21 -0.32 -0.41	15.45 -0.29 -0.47	16.20 -0.31 -0.37	16.17 -0.31 -0.33	15.79 -0.31 -0.36	16.06 -0.30 -0.36	16.34 -0.27 -0.45	18.38 -0.33 -0.58	21.24 -0.38 -0.71	21.79 -0.34 -1.13	24.64 -0.33 -1.13	20.64 -0.26 -0.53	19.75 -0.28 -0.36	16.46 -0.21 -0.51
TALLMAN__138KV_BK151 55660	22.49 1.31 0.00	21.12 1.20 0.00	20.45 1.16 0.00	20.22 1.20 0.00	20.25 1.22 0.00	20.57 1.05 -1.45	22.68 1.11 -2.68	23.28 1.10 -4.66	22.54 1.38 -1.22	20.89 1.34 -1.19	20.40 1.19 -3.08	19.89 1.12 -3.50	20.13 1.24 -2.75	19.87 1.24 -2.48	19.63 1.20 -2.69	19.86 1.17 -2.68	20.74 1.16 -3.42	23.82 1.34 -4.35	27.76 1.50 -5.36	31.03 1.51 -8.53	31.82 1.69 -6.28	25.72 1.37 -3.98	23.73 1.38 -2.68	21.05 1.08 -3.81
TEALLAVE_115KV_TB7 355573	21.07 -0.11 0.00	19.82 -0.10 0.00	19.20 -0.10 0.00	18.92 -0.10 0.00	18.91 -0.11 0.00	17.94 -0.29 -0.16	18.91 -0.28 -0.30	17.75 -0.30 -0.53	19.64 -0.44 -0.14	18.06 -0.42 -0.14	16.07 -0.40 -0.35	15.32 -0.35 -0.40	16.08 -0.37 -0.31	16.05 -0.37 -0.28	15.67 -0.38 -0.30	15.95 -0.37 -0.30	16.21 -0.34 -0.39	18.23 -0.40 -0.49	21.05 -0.46 -0.61	21.53 -0.42 -0.96	24.22 -0.43 -0.80	20.46 -0.37 -0.45	19.62 -0.35 -0.30	16.33 -0.26 -0.43
TELGRAPH_34_KV_EAST 80808	19.95 -1.23 0.00	18.85 -1.08 0.00	18.25 -1.04 0.00	17.97 -1.05 0.00	17.91 -1.12 0.00	17.26 -1.05 -0.25	18.33 -1.02 -0.46	17.21 -1.10 -0.79	18.55 -1.60 -0.21	17.22 -1.34 -0.20	15.43 -1.23 -0.53	14.81 -1.05 -0.59	15.35 -1.26 -0.47	15.29 -1.28 -0.42	14.95 -1.24 -0.46	15.23 -1.23 -0.45	15.56 -1.18 -0.58	17.46 -1.41 -0.74	20.08 -1.73 -0.91	20.72 -1.72 -1.45	21.32 -1.65 0.88	19.59 -1.47 -0.68	18.73 -1.40 -0.46	15.95 -0.86 -0.65
TEMPLE___115KV_TB 2 55572	21.09 -0.08 0.00	19.84 -0.08 0.00	19.22 -0.08 0.00	18.94 -0.08 0.00	18.93 -0.10 0.00	17.96 -0.27 -0.17	18.93 -0.26 -0.31	17.77 -0.28 -0.54	19.66 -0.42 -0.14	18.09 -0.40 -0.14	16.09 -0.39 -0.35	15.34 -0.34 -0.40	16.10 -0.36 -0.32	16.07 -0.36 -0.29	15.69 -0.36 -0.31	15.97 -0.35 -0.31	16.23 -0.32 -0.39	18.25 -0.38 -0.50	21.08 -0.44 -0.62	21.55 -0.42 -0.98	24.25 -0.41 -0.82	20.49 -0.35 -0.46	19.65 -0.33 -0.31	16.34 -0.26 -0.44
TIANA____69_KV_BK 1 55817	28.52 2.24 -5.10	26.89 2.17 -4.79	24.39 2.12 -2.97	23.48 2.17 -2.30	24.48 2.19 -3.26	25.41 1.95 -5.40	24.12 2.10 -3.13	29.17 2.03 -9.62	28.43 2.45 -6.04	27.69 2.31 -7.03	23.82 2.03 -5.66	22.76 1.86 -5.63	22.31 2.03 -4.13	22.40 2.03 -4.22	23.01 2.13 -5.14	23.64 2.00 -5.63	25.54 2.00 -7.38	30.99 2.27 -10.59	36.66 2.47 -13.30	37.07 2.33 -13.75	41.31 2.60 -14.86	36.36 2.28 -13.70	26.42 2.32 -4.42	25.97 1.89 -7.92
TILDEN___115KV_TB1 80814	21.15 -0.02 0.00	19.90 -0.02 0.00	19.27 -0.02 0.00	19.00 -0.02 0.00	18.99 -0.04 0.00	18.04 -0.22 -0.19	19.04 -0.21 -0.36	17.91 -0.23 -0.62	19.74 -0.36 -0.16	18.18 -0.33 -0.16	16.21 -0.32 -0.41	15.45 -0.29 -0.47	16.20 -0.31 -0.37	16.17 -0.31 -0.33	15.79 -0.31 -0.36	16.06 -0.30 -0.36	16.34 -0.27 -0.45	18.38 -0.33 -0.58	21.24 -0.38 -0.71	21.79 -0.34 -1.13	24.64 -0.33 -1.13	20.64 -0.26 -0.53	19.75 -0.28 -0.36	16.46 -0.21 -0.51
TRIGEN___CC 323695	28.14 1.86 -5.10	26.41 1.69 -4.79	23.90 1.64 -2.97	22.97 1.65 -2.30	23.98 1.69 -3.26	24.92 1.46 -5.40	23.53 1.55 -3.09	27.94 1.51 -8.92	27.13 1.85 -5.33	26.30 1.78 -6.17	23.35 1.56 -5.66	22.37 1.47 -5.63	21.91 1.63 -4.13	21.99 1.63 -4.22	22.54 1.65 -5.14	23.26 1.62 -5.63	25.14 1.60 -7.38	30.52 1.80 -10.59	36.12 1.92 -13.30	36.68 1.93 -13.75	40.85 2.15 -14.86	35.85 1.77 -13.70	25.92 1.83 -4.42	25.47 1.39 -7.92
TRINITY__115KV__ 4 BK 55933	21.58 0.40 0.00	20.34 0.42 0.00	19.74 0.44 0.00	19.47 0.46 0.00	19.54 0.51 0.00	20.52 0.34 -2.11	23.15 0.36 -3.90	24.60 0.30 -6.78	22.15 0.44 -1.77	20.51 0.42 -1.74	20.99 0.37 -4.49	20.70 0.34 -5.09	20.51 0.37 -4.00	20.13 0.37 -3.61	20.03 0.36 -3.92	20.28 0.37 -3.90	21.52 0.39 -4.97	24.84 0.38 -6.33	29.16 0.46 -7.80	33.85 0.44 -12.42	33.39 0.50 -9.04	26.64 0.47 -5.79	24.00 0.43 -3.90	21.98 0.27 -5.54

UNION___PROCESSING_DRP 323587	20.48 -0.70 0.00	19.31 -0.62 0.00	18.67 -0.62 0.00	18.41 -0.61 0.00	18.38 -0.65 0.00	17.72 -0.56 -0.21	18.75 -0.53 -0.39	17.62 -0.58 -0.68	19.20 -0.92 -0.18	17.74 -0.79 -0.17	15.84 -0.74 -0.45	15.16 -0.63 -0.51	15.82 -0.73 -0.40	15.78 -0.73 -0.36	15.44 -0.69 -0.39	15.73 -0.67 -0.39	16.03 -0.63 -0.50	17.97 -0.80 -0.64	20.72 -0.96 -0.78	21.29 -0.94 -1.25	21.28 -0.98 1.59	20.21 -0.75 -0.58	19.36 -0.71 -0.39	16.25 -0.47 -0.56
UPPER HUDSON___HYD 24058	22.09 0.91 0.00	20.76 0.84 0.00	20.10 0.81 0.00	19.82 0.80 0.00	19.86 0.84 0.00	20.97 0.67 -2.23	23.77 0.76 -4.12	25.37 0.68 -7.17	22.63 0.82 -1.87	20.92 0.73 -1.84	21.47 0.60 -4.74	21.26 0.61 -5.38	20.88 0.52 -4.23	20.48 0.52 -3.82	20.37 0.49 -4.14	20.68 0.54 -4.12	22.03 0.61 -5.25	25.57 0.74 -6.69	30.04 0.90 -8.24	35.06 0.95 -13.12	34.43 1.17 -9.42	27.51 1.02 -6.12	24.72 0.92 -4.12	22.64 0.63 -5.85
UPPER RAQUET___HYD 24056	20.37 -0.80 0.00	19.17 -0.76 0.00	18.54 -0.75 0.00	18.18 -0.84 0.00	18.17 -0.86 0.00	17.32 -0.74 0.00	18.06 -0.83 0.00	16.82 -0.70 0.00	19.14 -0.80 0.00	17.54 -0.81 0.00	15.39 -0.74 0.00	14.54 -0.73 0.00	15.40 -0.74 0.00	15.40 -0.74 0.00	15.00 -0.74 0.00	15.24 -0.77 0.00	15.37 -0.79 0.00	17.34 -0.80 0.00	20.08 -0.82 0.00	20.11 -0.88 0.00	22.79 -1.05 0.00	19.48 -0.90 0.00	18.75 -0.92 0.00	15.43 -0.73 0.00
VALLEY44_115KV_TB2 355964	20.67 -0.51 0.00	19.49 -0.44 0.00	18.93 -0.37 0.00	18.66 -0.36 0.00	18.61 -0.42 0.00	17.26 -1.12 -0.32	18.44 -1.04 -0.58	17.50 -1.03 -1.02	18.77 -1.44 -0.27	17.38 -1.23 -0.26	15.69 -1.11 -0.67	15.07 -0.96 -0.76	15.61 -1.13 -0.60	15.54 -1.15 -0.54	15.23 -1.10 -0.59	15.49 -1.10 -0.58	15.84 -1.07 -0.74	17.81 -1.27 -0.95	20.48 -1.59 -1.17	21.32 -1.53 -1.86	23.29 -1.67 -1.12	19.88 -1.37 -0.87	18.90 -1.36 -0.58	16.07 -0.92 -0.83
VALLEY___115KV_TB 1-4 80826	21.56 0.38 0.00	20.28 0.36 0.00	19.64 0.35 0.00	19.36 0.34 0.00	19.37 0.34 0.00	18.34 0.27 -0.01	19.17 0.26 -0.01	17.79 0.25 -0.02	20.21 0.26 -0.01	18.60 0.24 -0.01	16.34 0.19 -0.02	15.46 0.17 -0.02	16.35 0.19 -0.01	16.33 0.18 -0.01	15.88 0.13 -0.01	16.14 0.11 -0.01	16.29 0.11 -0.02	18.28 0.13 -0.02	21.07 0.15 -0.03	21.16 0.13 -0.05	24.04 0.17 -0.03	20.54 0.14 -0.02	19.84 0.16 -0.01	16.37 0.19 -0.02
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	22.02 0.85 0.00	20.70 0.78 0.00	20.04 0.75 0.00	19.80 0.78 0.00	19.81 0.78 0.00	19.41 0.63 -0.71	20.85 0.64 -1.32	20.44 0.63 -2.29	21.24 0.70 -0.60	19.56 0.62 -0.59	18.18 0.53 -1.52	17.50 0.50 -1.72	18.04 0.55 -1.35	17.93 0.57 -1.22	17.67 0.60 -1.32	17.95 0.62 -1.32	18.49 0.65 -1.68	21.03 0.76 -2.14	24.43 0.90 -2.64	26.09 0.90 -4.20	28.38 1.07 -3.47	23.23 0.90 -1.96	21.84 0.85 -1.32	18.63 0.60 -1.87
VISCHER___FERRY HYD 24020	21.98 0.80 0.00	20.70 0.78 0.00	20.04 0.75 0.00	19.78 0.76 0.00	19.81 0.78 0.00	20.87 0.63 -2.17	23.55 0.66 -4.00	25.08 0.60 -6.97	22.50 0.74 -1.82	20.80 0.66 -1.79	21.30 0.56 -4.61	21.07 0.57 -5.23	20.82 0.56 -4.11	20.40 0.55 -3.71	20.31 0.54 -4.03	20.58 0.56 -4.01	21.85 0.58 -5.11	25.29 0.65 -6.50	29.69 0.77 -8.02	34.52 0.78 -12.76	33.91 0.91 -9.16	27.14 0.82 -5.95	24.44 0.77 -4.00	22.38 0.53 -5.69
V_A_10_SYNC_DSASP 323832	19.91 -1.27 0.00	18.69 -1.24 0.00	18.11 -1.18 0.00	17.84 -1.18 0.00	17.85 -1.18 0.00	17.29 -1.01 -0.23	18.33 -0.98 -0.43	17.21 -1.05 -0.74	18.64 -1.50 -0.19	17.29 -1.25 -0.19	15.49 -1.13 -0.49	14.75 -1.08 -0.56	15.45 -1.13 -0.44	15.35 -1.19 -0.40	15.07 -1.10 -0.43	15.33 -1.10 -0.43	15.64 -1.07 -0.55	17.50 -1.32 -0.69	20.17 -1.59 -0.86	20.76 -1.60 -1.36	21.27 -1.72 0.85	19.65 -1.37 -0.64	18.78 -1.32 -0.43	15.93 -0.84 -0.61
V_CMM_10_SYNC_DSASP 323787	20.90 -0.28 0.00	19.69 -0.24 0.00	19.06 -0.23 0.00	18.71 -0.31 0.00	18.72 -0.31 0.00	17.81 -0.25 0.00	18.61 -0.28 0.00	17.29 -0.23 0.00	19.68 -0.26 0.00	18.09 -0.26 0.00	15.90 -0.23 0.00	15.05 -0.23 0.00	15.90 -0.24 0.00	15.92 -0.23 0.00	15.52 -0.22 0.00	15.77 -0.24 0.00	15.90 -0.26 0.00	17.88 -0.25 0.00	20.63 -0.27 0.00	20.70 -0.29 0.00	23.44 -0.41 0.00	20.05 -0.33 0.00	19.34 -0.33 0.00	15.92 -0.24 0.00
V_CMP_10_SYNC_DSASP 323788	21.64 0.47 0.00	20.32 0.40 0.00	19.62 0.33 0.00	19.13 0.11 0.00	19.09 0.06 0.00	18.17 0.11 0.00	18.99 0.09 0.00	17.76 0.25 0.00	20.24 0.30 0.00	18.63 0.28 0.00	16.32 0.19 0.00	15.49 0.21 0.00	16.29 0.14 0.00	16.22 0.08 0.00	15.84 0.10 0.00	16.07 0.06 0.00	16.23 0.06 0.00	18.31 0.18 0.00	21.17 0.27 0.00	21.14 0.15 0.00	23.87 0.02 0.00	20.32 -0.06 0.00	19.57 -0.10 0.00	16.03 -0.13 0.00
V_E_10_SYNC_DSASP 323830	22.78 1.61 0.00	21.44 1.51 0.00	20.72 1.43 0.00	20.50 1.48 0.00	20.47 1.45 0.00	19.77 1.25 -0.46	20.97 1.23 -0.85	20.13 1.14 -1.48	21.36 1.04 -0.39	19.48 0.75 -0.38	17.64 0.53 -0.98	16.81 0.43 -1.11	17.55 0.53 -0.87	17.48 0.55 -0.79	17.10 0.50 -0.85	17.48 0.62 -0.85	17.91 0.66 -1.08	20.38 0.87 -1.38	23.79 1.19 -1.70	24.91 1.22 -2.71	28.50 1.55 -3.10	22.98 1.34 -1.26	21.72 1.20 -0.85	18.43 1.07 -1.21
V_F_30_NSYNC___DSASP 323816	22.23 1.06 0.00	20.92 1.00 0.00	20.26 0.96 0.00	19.99 0.97 0.00	20.02 0.99 0.00	21.10 0.81 -2.23	23.90 0.91 -4.10	25.46 0.81 -7.14	22.77 0.96 -1.87	21.03 0.84 -1.83	21.56 0.71 -4.72	21.35 0.72 -5.36	21.03 0.68 -4.21	20.61 0.66 -3.80	20.51 0.65 -4.13	20.82 0.70 -4.10	22.14 0.74 -5.23	25.65 0.85 -6.66	30.11 1.00 -8.21	35.11 1.05 -13.07	34.47 1.24 -9.39	27.55 1.08 -6.09	24.80 1.02 -4.10	22.74 0.74 -5.83
V_F_30_SYNC_DSASP 323786	21.68 0.51 0.00	20.46 0.54 0.00	19.83 0.54 0.00	19.59 0.57 0.00	19.60 0.57 0.00	20.62 0.40 -2.16	23.28 0.42 -3.97	24.78 0.35 -6.91	22.25 0.50 -1.81	20.62 0.50 -1.77	21.11 0.40 -4.58	20.88 0.41 -5.19	20.62 0.40 -4.08	20.23 0.40 -3.68	20.12 0.38 -4.00	20.40 0.42 -3.97	21.67 0.44 -5.07	25.00 0.42 -6.45	29.35 0.50 -7.95	34.15 0.50 -12.66	33.51 0.57 -9.09	26.79 0.51 -5.90	24.12 0.47 -3.97	22.13 0.32 -5.65
V_XM_10_SYNC_DSASP 323789	21.64 0.47 0.00	20.32 0.40 0.00	19.62 0.33 0.00	19.13 0.11 0.00	19.09 0.06 0.00	18.17 0.11 0.00	18.99 0.09 0.00	17.76 0.25 0.00	20.24 0.30 0.00	18.63 0.28 0.00	16.32 0.19 0.00	15.49 0.21 0.00	16.29 0.14 0.00	16.22 0.08 0.00	15.84 0.10 0.00	16.07 0.06 0.00	16.23 0.06 0.00	18.31 0.18 0.00	21.17 0.27 0.00	21.14 0.15 0.00	23.87 0.02 0.00	20.32 -0.06 0.00	19.57 -0.10 0.00	16.03 -0.13 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	22.53 1.36 0.00	21.16 1.24 0.00	20.49 1.20 0.00	20.25 1.24 0.00	20.28 1.26 0.00	20.61 1.08 -1.47	22.76 1.17 -2.70	23.35 1.14 -4.70	22.59 1.42 -1.23	20.93 1.38 -1.21	20.46 1.23 -3.11	19.96 1.16 -3.53	20.19 1.28 -2.77	19.92 1.28 -2.50	19.69 1.23 -2.72	19.93 1.22 -2.70	20.82 1.21 -3.45	23.92 1.40 -4.39	27.85 1.55 -5.41	31.17 1.57 -8.61	31.94 1.76 -6.33	25.81 1.43 -4.01	23.81 1.44 -2.70	21.11 1.12 -3.84

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	22.70 1.52 0.00	21.28 1.35 0.00	20.62 1.33 0.00	20.37 1.35 0.00	20.40 1.37 0.00	20.77 1.17 -1.53	22.96 1.25 -2.83	23.68 1.24 -4.92	22.78 1.56 -1.29	21.16 1.54 -1.26	20.77 1.39 -3.26	20.28 1.31 -3.69	20.50 1.45 -2.90	20.22 1.45 -2.62	20.00 1.42 -2.84	20.22 1.38 -2.83	21.13 1.36 -3.61	24.28 1.56 -4.59	28.27 1.71 -5.66	31.70 1.70 -9.01	32.37 1.91 -6.62	26.08 1.51 -4.20	24.07 1.57 -2.83	21.38 1.20 -4.02
W50THST__13_KV_LOAD 356117	22.76 1.59 0.00	21.34 1.41 0.00	20.68 1.39 0.00	20.43 1.41 0.00	20.46 1.43 0.00	20.83 1.23 -1.53	23.02 1.30 -2.83	23.73 1.30 -4.92	22.86 1.64 -1.29	21.23 1.61 -1.26	20.83 1.45 -3.26	20.34 1.37 -3.69	20.55 1.50 -2.90	20.28 1.52 -2.62	20.07 1.48 -2.84	20.26 1.42 -2.83	21.17 1.41 -3.61	24.34 1.61 -4.59	28.36 1.80 -5.66	31.78 1.78 -9.01	32.44 1.98 -6.62	26.15 1.57 -4.20	24.13 1.63 -2.83	21.42 1.24 -4.02
WADING RIVER_IC_1 23522	28.33 2.05 -5.10	26.77 2.05 -4.79	24.27 2.01 -2.97	23.41 2.09 -2.30	24.31 2.02 -3.26	25.25 1.79 -5.40	23.99 1.95 -3.15	29.39 1.89 -9.98	28.64 2.29 -6.41	27.99 2.16 -7.48	23.69 1.90 -5.66	22.80 1.89 -5.63	22.20 1.92 -4.14	22.27 1.90 -4.22	22.82 1.94 -5.14	23.43 1.79 -5.63	25.33 1.79 -7.38	30.72 1.99 -10.59	36.31 2.11 -13.30	36.74 2.00 -13.76	40.78 2.22 -14.71	36.01 1.94 -13.70	26.12 2.03 -4.42	25.81 1.73 -7.92
WADING RIVER_IC_2 23547	28.33 2.05 -5.10	26.77 2.05 -4.79	24.27 2.01 -2.97	23.41 2.09 -2.30	24.31 2.02 -3.26	25.25 1.79 -5.40	23.99 1.95 -3.15	29.39 1.89 -9.98	28.64 2.29 -6.41	27.99 2.16 -7.48	23.69 1.90 -5.66	22.80 1.89 -5.63	22.20 1.92 -4.14	22.27 1.90 -4.22	22.82 1.94 -5.14	23.43 1.79 -5.63	25.33 1.79 -7.38	30.72 1.99 -10.59	36.31 2.11 -13.30	36.74 2.00 -13.76	40.78 2.22 -14.71	36.01 1.94 -13.70	26.12 2.03 -4.42	25.81 1.73 -7.92
WADING RIVER_IC_3 23601	28.33 2.05 -5.10	26.77 2.05 -4.79	24.27 2.01 -2.97	23.41 2.09 -2.30	24.31 2.02 -3.26	25.25 1.79 -5.40	23.99 1.95 -3.15	29.39 1.89 -9.98	28.64 2.29 -6.41	27.99 2.16 -7.48	23.69 1.90 -5.66	22.80 1.89 -5.63	22.20 1.92 -4.14	22.27 1.90 -4.22	22.82 1.94 -5.14	23.43 1.79 -5.63	25.33 1.79 -7.38	30.72 1.99 -10.59	36.31 2.11 -13.30	36.74 2.00 -13.76	40.78 2.22 -14.71	36.01 1.94 -13.70	26.12 2.03 -4.42	25.81 1.73 -7.92
WALDENNY_12_KV_BK2 80841	20.07 -1.10 0.00	18.97 -0.96 0.00	18.39 -0.91 0.00	18.12 -0.89 0.00	18.06 -0.97 0.00	17.22 -1.12 -0.28	18.34 -1.06 -0.51	17.27 -1.14 -0.89	18.54 -1.64 -0.23	17.22 -1.36 -0.23	15.49 -1.23 -0.59	14.90 -1.04 -0.67	15.42 -1.24 -0.52	15.36 -1.26 -0.47	15.03 -1.23 -0.51	15.30 -1.22 -0.51	15.63 -1.18 -0.65	17.55 -1.41 -0.83	20.17 -1.76 -1.03	20.90 -1.72 -1.63	21.66 -1.81 0.37	19.63 -1.51 -0.76	18.73 -1.46 -0.51	15.97 -0.92 -0.73
WALDEN__HYDRO 24148	22.59 1.42 0.00	21.34 1.41 0.00	20.60 1.31 0.00	20.39 1.37 0.00	20.36 1.33 0.00	20.69 1.16 -1.47	22.85 1.25 -2.71	23.44 1.21 -4.72	22.63 1.45 -1.23	20.96 1.39 -1.21	20.46 1.21 -3.12	19.98 1.16 -3.54	20.18 1.26 -2.78	19.90 1.24 -2.51	19.67 1.20 -2.73	19.92 1.20 -2.71	20.85 1.23 -3.46	23.97 1.43 -4.40	27.92 1.59 -5.43	31.27 1.64 -8.64	31.91 1.86 -6.20	25.89 1.49 -4.03	23.86 1.48 -2.71	21.18 1.16 -3.85
WARRENSBURG____ 23737	22.09 0.91 0.00	20.76 0.84 0.00	20.10 0.81 0.00	19.82 0.80 0.00	19.86 0.84 0.00	20.97 0.67 -2.23	23.77 0.76 -4.12	25.37 0.68 -7.17	22.63 0.82 -1.87	20.92 0.73 -1.84	21.47 0.60 -4.74	21.26 0.61 -5.38	20.88 0.52 -4.23	20.48 0.52 -3.82	20.37 0.49 -4.14	20.68 0.54 -4.12	22.03 0.61 -5.25	25.57 0.74 -6.69	30.04 0.90 -8.24	35.06 0.95 -13.12	34.43 1.17 -9.42	27.51 1.02 -6.12	24.72 0.92 -4.12	22.64 0.63 -5.85
WATERSIDE____6 8 9 23538	22.76 1.59 0.00	21.34 1.41 0.00	20.66 1.37 0.00	20.41 1.39 0.00	20.44 1.41 0.00	20.76 1.16 -1.54	22.93 1.21 -2.83	23.64 1.19 -4.93	22.77 1.54 -1.29	21.16 1.54 -1.26	20.78 1.39 -3.26	20.30 1.33 -3.70	20.50 1.45 -2.91	20.22 1.45 -2.63	20.02 1.43 -2.85	20.24 1.39 -2.83	21.13 1.36 -3.61	24.31 1.58 -4.60	28.28 1.71 -5.67	31.72 1.70 -9.03	32.34 1.86 -6.63	26.05 1.47 -4.21	24.06 1.55 -2.83	21.38 1.20 -4.03
WATKINRD_115KV_LN8_ILLION 55919	21.45 0.28 0.00	20.18 0.26 0.00	19.54 0.25 0.00	19.27 0.25 0.00	19.28 0.25 0.00	18.25 0.18 -0.01	19.09 0.19 -0.01	17.70 0.16 -0.02	20.13 0.18 -0.01	18.51 0.15 -0.01	16.27 0.13 -0.02	15.40 0.11 -0.02	16.29 0.13 -0.01	16.27 0.11 -0.01	15.84 0.08 -0.01	16.12 0.10 -0.01	16.28 0.10 -0.02	18.26 0.11 -0.02	21.05 0.13 -0.03	21.16 0.13 -0.05	24.04 0.17 -0.03	20.54 0.14 -0.02	19.82 0.14 -0.01	16.33 0.15 -0.02
WATSON____69_KV_BK 1 55734	28.56 2.29 -5.10	26.83 2.11 -4.79	24.33 2.06 -2.97	23.41 2.09 -2.30	24.38 2.09 -3.26	25.32 1.86 -5.40	24.00 1.98 -3.13	29.02 1.89 -9.61	28.27 2.29 -6.03	27.54 2.17 -7.02	23.70 1.92 -5.66	22.66 1.76 -5.63	22.21 1.94 -4.13	22.32 1.95 -4.22	22.88 2.00 -5.14	23.58 1.94 -5.63	25.48 1.94 -7.38	30.94 2.21 -10.59	36.60 2.40 -13.30	37.14 2.39 -13.75	41.38 2.67 -14.86	36.31 2.24 -13.70	26.42 2.32 -4.42	25.89 1.81 -7.92
WDELAWARE__HYD 323627	22.83 1.65 0.00	21.60 1.67 0.00	20.82 1.52 0.00	20.63 1.62 0.00	20.61 1.58 0.00	20.81 1.41 -1.34	22.86 1.51 -2.46	23.27 1.47 -4.29	22.78 1.72 -1.12	21.07 1.62 -1.10	20.33 1.37 -2.84	19.71 1.22 -3.22	20.12 1.45 -2.53	19.85 1.42 -2.28	19.49 1.27 -2.48	19.76 1.28 -2.46	20.63 1.33 -3.14	23.71 1.58 -4.00	27.59 1.76 -4.93	30.64 1.81 -7.85	31.58 2.10 -5.63	25.68 1.65 -3.66	23.77 1.63 -2.46	21.07 1.41 -3.50
WEST BABYLON__IC 23714	28.48 2.20 -5.10	26.75 2.03 -4.79	24.23 1.97 -2.97	23.29 1.98 -2.30	24.29 2.00 -3.26	25.23 1.77 -5.40	23.89 1.87 -3.13	28.92 1.80 -9.60	28.16 2.19 -6.02	27.43 2.07 -7.00	23.61 1.82 -5.66	22.58 1.68 -5.63	22.13 1.86 -4.13	22.24 1.87 -4.22	22.80 1.92 -5.14	23.50 1.86 -5.63	25.40 1.86 -7.38	30.84 2.12 -10.59	36.49 2.30 -13.30	37.03 2.29 -13.75	41.28 2.58 -14.86	36.21 2.14 -13.70	26.30 2.20 -4.42	25.79 1.71 -7.92
WEST CANADA__HYD 24049	21.22 0.04 0.00	19.96 0.04 0.00	19.33 0.04 0.00	19.08 0.06 0.00	19.09 0.06 0.00	18.07 0.00 0.00	18.89 0.00 0.00	17.52 0.00 0.00	19.92 -0.02 0.00	18.33 -0.02 0.00	16.11 -0.02 0.00	15.26 -0.02 0.00	16.13 -0.02 0.00	16.13 -0.02 0.00	15.73 -0.02 0.00	15.99 -0.02 0.00	16.16 0.00 0.00	18.13 0.00 0.00	20.90 0.00 0.00	20.99 0.00 0.00	23.84 0.00 0.00	20.38 0.00 0.00	19.67 0.00 0.00	16.16 0.00 0.00
WESTERN_NY_WIND 24143	20.41 -0.76 0.00	19.17 -0.76 0.00	18.56 -0.73 0.00	18.26 -0.76 0.00	18.27 -0.76 0.00	17.60 -0.70 -0.24	18.65 -0.68 -0.44	17.52 -0.75 -0.76	18.96 -1.18 -0.20	17.54 -1.01 -0.19	15.68 -0.95 -0.50	14.91 -0.93 -0.57	15.59 -1.00 -0.44	15.46 -1.08 -0.40	15.20 -0.98 -0.44	15.47 -0.98 -0.43	15.82 -0.89 -0.55	17.72 -1.12 -0.71	20.43 -1.34 -0.87	21.10 -1.28 -1.39	21.67 -1.14 1.03	20.01 -1.02 -0.65	19.14 -0.96 -0.44	16.21 -0.57 -0.62



WESTOVER___LESR 323668	21.45 0.28 0.00	20.18 0.26 0.00	19.56 0.27 0.00	19.28 0.27 0.00	19.28 0.25 0.00	18.61 0.04 -0.51	19.92 0.09 -0.93	19.19 0.05 -1.62	20.33 -0.04 -0.42	18.73 -0.04 -0.42	17.14 -0.06 -1.07	16.46 -0.03 -1.22	17.05 -0.05 -0.96	16.96 -0.05 -0.86	16.62 -0.06 -0.94	16.91 -0.03 -0.93	17.33 -0.02 -1.19	19.61 -0.04 -1.51	22.70 -0.06 -1.87	23.94 -0.02 -2.97	26.93 0.02 -3.07	21.78 0.02 -1.38	20.62 0.02 -0.93	17.55 0.06 -1.32
WETHRSFD_WT_PWR 323626	20.50 -0.68 0.00	19.25 -0.68 0.00	18.67 -0.62 0.00	18.39 -0.63 0.00	18.38 -0.65 0.00	17.55 -0.81 -0.30	18.71 -0.74 -0.56	17.68 -0.81 -0.97	19.00 -1.20 -0.25	17.59 -1.01 -0.25	15.83 -0.94 -0.64	15.11 -0.89 -0.73	15.78 -0.94 -0.57	15.66 -1.00 -0.52	15.37 -0.93 -0.56	15.64 -0.93 -0.56	16.00 -0.87 -0.71	17.95 -1.09 -0.90	20.70 -1.32 -1.11	21.48 -1.28 -1.77	26.22 -1.36 -3.73	20.10 -1.10 -0.83	19.17 -1.06 -0.56	16.29 -0.66 -0.79
WHAVSTOR_138KV_BK127 55557	22.47 1.29 0.00	21.10 1.18 0.00	20.43 1.14 0.00	20.20 1.18 0.00	20.23 1.20 0.00	20.56 1.03 -1.47	22.69 1.10 -2.70	23.30 1.09 -4.70	22.53 1.36 -1.23	20.88 1.32 -1.21	20.40 1.16 -3.11	19.90 1.10 -3.53	20.14 1.23 -2.77	19.87 1.23 -2.50	19.64 1.18 -2.72	19.87 1.15 -2.70	20.75 1.15 -3.45	23.84 1.32 -4.39	27.79 1.48 -5.41	31.09 1.49 -8.61	31.85 1.67 -6.34	25.73 1.34 -4.01	23.73 1.36 -2.70	21.05 1.05 -3.84
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	22.47 1.29 0.00	21.10 1.18 0.00	20.43 1.14 0.00	20.20 1.18 0.00	20.23 1.20 0.00	20.56 1.03 -1.47	22.69 1.10 -2.70	23.30 1.09 -4.70	22.53 1.36 -1.23	20.88 1.32 -1.21	20.40 1.16 -3.11	19.90 1.10 -3.53	20.14 1.23 -2.77	19.87 1.23 -2.50	19.64 1.18 -2.72	19.87 1.15 -2.70	20.75 1.15 -3.45	23.84 1.32 -4.39	27.79 1.48 -5.41	31.09 1.49 -8.61	31.85 1.67 -6.34	25.73 1.34 -4.01	23.73 1.36 -2.70	21.05 1.05 -3.84
WHITEHAL_115KV_TB1 80871	22.47 1.29 0.00	21.10 1.18 0.00	20.43 1.14 0.00	20.12 1.10 0.00	20.25 1.22 0.00	21.28 0.99 -2.22	24.12 1.13 -4.09	25.67 1.03 -7.12	23.00 1.20 -1.86	21.24 1.06 -1.83	21.70 0.85 -4.71	21.40 0.78 -5.34	21.07 0.73 -4.20	20.65 0.71 -3.79	20.55 0.69 -4.12	20.86 0.75 -4.09	22.24 0.86 -5.22	25.81 1.03 -6.65	30.35 1.25 -8.19	35.35 1.32 -13.04	35.02 1.69 -9.48	27.90 1.45 -6.08	25.10 1.34 -4.09	22.90 0.92 -5.82
WHITEPLN_13_KV_LOAD 356215	22.66 1.48 0.00	21.26 1.33 0.00	20.58 1.29 0.00	20.33 1.31 0.00	20.36 1.33 0.00	20.75 1.16 -1.53	22.94 1.23 -2.82	23.63 1.21 -4.90	22.74 1.52 -1.28	21.10 1.49 -1.26	20.66 1.29 -3.25	20.18 1.22 -3.68	20.38 1.34 -2.89	20.11 1.36 -2.61	19.87 1.29 -2.84	20.08 1.25 -2.82	21.00 1.24 -3.60	24.14 1.43 -4.58	28.19 1.65 -5.64	31.63 1.66 -8.98	32.28 1.84 -6.60	26.05 1.49 -4.19	24.01 1.51 -2.82	21.38 1.21 -4.01
WM_FLOYD_69_KV_BK2 356380	28.44 2.16 -5.10	26.77 2.05 -4.79	24.27 2.01 -2.97	23.37 2.05 -2.30	24.37 2.07 -3.26	25.30 1.84 -5.40	24.00 1.98 -3.13	29.04 1.91 -9.62	28.29 2.31 -6.04	27.56 2.18 -7.03	23.70 1.92 -5.66	22.67 1.77 -5.63	22.21 1.94 -4.13	22.30 1.94 -4.22	22.88 2.00 -5.14	23.53 1.89 -5.63	25.41 1.87 -7.38	30.84 2.12 -10.59	36.49 2.30 -13.30	36.95 2.20 -13.75	41.16 2.46 -14.86	36.17 2.10 -13.70	26.30 2.20 -4.42	25.87 1.79 -7.92
WOODARD__115KV_TB2 355635	21.05 -0.13 0.00	19.80 -0.12 0.00	19.18 -0.12 0.00	18.90 -0.11 0.00	18.90 -0.13 0.00	17.92 -0.31 -0.16	18.88 -0.30 -0.30	17.72 -0.32 -0.52	19.62 -0.46 -0.13	18.04 -0.44 -0.13	16.05 -0.42 -0.34	15.30 -0.37 -0.39	16.04 -0.40 -0.30	16.03 -0.39 -0.27	15.65 -0.39 -0.30	15.92 -0.38 -0.30	16.17 -0.37 -0.38	18.20 -0.42 -0.48	21.01 -0.48 -0.59	21.47 -0.46 -0.94	24.24 -0.48 -0.88	20.43 -0.39 -0.44	19.60 -0.37 -0.30	16.29 -0.29 -0.42
YORK___WARBASSE 23770	22.92 1.74 -0.01	21.48 1.55 0.00	20.78 1.49 0.00	20.50 1.48 0.00	20.55 1.52 0.00	20.83 1.23 -1.54	22.97 1.25 -2.83	23.64 1.19 -4.93	22.77 1.54 -1.29	21.16 1.54 -1.26	20.79 1.40 -3.26	20.32 1.34 -3.70	20.53 1.49 -2.91	20.25 1.49 -2.63	20.06 1.46 -2.85	20.27 1.42 -2.83	21.16 1.39 -3.61	24.37 1.63 -4.60	28.39 1.82 -5.67	31.80 1.78 -9.03	32.43 1.96 -6.63	26.13 1.55 -4.21	24.16 1.65 -2.83	21.48 1.29 -4.03