

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/26/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	21.14	18.22	18.46	18.39	18.53	20.20	30.94	39.56	33.23	24.87	24.33	28.30	30.10	30.08	30.45	32.03	33.92	47.34	54.11	40.85	32.18	27.40	24.14	22.16
24138	1.55	1.13	1.04	1.06	1.17	1.48	2.46	2.90	2.50	2.28	2.25	2.21	2.17	2.19	2.29	2.67	3.17	3.77	3.20	2.98	2.18	1.77	0.98	0.77
	-1.32	-2.78	-3.97	-3.14	-1.37	0.00	-0.19	-6.72	-4.48	0.00	-0.08	-4.48	-6.87	-6.80	-6.35	-4.47	0.00	-8.39	-20.66	-9.50	-8.20	-5.31	-12.31	-12.22
74TH STREET_GT_1	21.12	18.21	18.44	18.37	18.50	20.16	30.86	39.47	33.17	24.82	24.29	28.32	30.18	30.14	30.51	32.04	33.88	47.26	53.97	40.74	32.10	27.38	24.05	22.07
24260	1.53	1.12	1.02	1.05	1.14	1.44	2.38	2.81	2.44	2.24	2.20	2.14	2.13	2.13	2.23	2.59	3.14	3.73	3.18	2.92	2.14	1.77	0.95	0.75
	-1.32	-2.78	-3.97	-3.14	-1.37	0.00	-0.19	-6.72	-4.48	0.00	-0.08	-4.57	-7.00	-6.93	-6.46	-4.55	0.00	-8.35	-20.55	-9.45	-8.16	-5.28	-12.25	-12.16
74TH STREET_GT_2	21.12	18.21	18.44	18.37	18.50	20.16	30.86	39.47	33.17	24.82	24.29	28.32	30.18	30.14	30.51	32.04	33.88	47.26	53.97	40.74	32.10	27.38	24.05	22.07
24261	1.53	1.12	1.02	1.05	1.14	1.44	2.38	2.81	2.44	2.24	2.20	2.14	2.13	2.13	2.23	2.59	3.14	3.73	3.18	2.92	2.14	1.77	0.95	0.75
	-1.32	-2.78	-3.97	-3.14	-1.37	0.00	-0.19	-6.72	-4.48	0.00	-0.08	-4.57	-7.00	-6.93	-6.46	-4.55	0.00	-8.35	-20.55	-9.45	-8.16	-5.28	-12.25	-12.16
ADK HUDSON___FALLS	21.07	18.67	19.35	19.10	19.01	20.39	31.24	41.27	34.41	24.73	23.89	23.33	22.77	22.83	23.69	27.09	33.39	48.60	58.51	42.54	33.82	28.45	26.74	24.80
24011	1.17	0.92	0.97	1.02	1.31	1.67	2.72	2.99	2.60	2.15	1.94	1.79	1.75	1.75	1.88	2.19	2.64	3.06	2.75	2.44	1.90	1.57	0.69	0.55
	-1.64	-3.44	-4.93	-3.89	-1.69	0.00	-0.24	-8.34	-5.56	0.00	0.05	0.08	0.03	0.00	0.00	0.00	0.00	-10.36	-25.51	-11.73	-10.13	-6.55	-15.20	-15.09
ADK RESOURCE___RCVRY	21.16	18.73	19.43	19.17	19.10	20.54	31.50	41.54	34.68	24.94	24.09	23.50	22.92	22.98	23.84	27.29	33.58	49.21	59.56	43.13	34.34	28.79	27.28	25.32
23798	1.26	0.97	1.05	1.09	1.41	1.82	2.97	3.26	2.86	2.35	2.13	1.97	1.90	1.90	2.03	2.39	2.83	3.34	2.99	2.67	2.09	1.71	0.75	0.59
	-1.64	-3.45	-4.93	-3.89	-1.69	0.00	-0.24	-8.34	-5.56	0.00	0.05	0.08	0.03	0.00	0.00	0.00	0.00	-10.69	-26.32	-12.10	-10.45	-6.76	-15.68	-15.57
ADK S GLENS___FALLS	21.07	18.67	19.35	19.10	19.01	20.39	31.24	41.27	34.41	24.73	23.89	23.33	22.77	22.83	23.69	27.09	33.39	48.60	58.51	42.54	33.82	28.45	26.74	24.80
24028	1.17	0.92	0.97	1.02	1.31	1.67	2.72	2.99	2.60	2.15	1.94	1.79	1.75	1.75	1.88	2.19	2.64	3.06	2.75	2.44	1.90	1.57	0.69	0.55
	-1.64	-3.44	-4.93	-3.89	-1.69	0.00	-0.24	-8.34	-5.56	0.00	0.05	0.08	0.03	0.00	0.00	0.00	0.00	-10.36	-25.51	-11.73	-10.13	-6.55	-15.20	-15.09
ADK_NYS___DAM	20.87	18.51	18.97	18.78	18.60	19.94	30.41	40.05	33.48	24.03	23.15	22.59	22.17	22.32	23.14	26.54	32.75	47.72	57.32	41.74	33.22	28.03	26.41	24.50
23527	1.02	0.87	0.77	0.84	0.96	1.22	1.90	2.06	1.86	1.45	1.30	1.21	1.20	1.24	1.33	1.64	2.00	2.36	2.00	1.84	1.46	1.26	0.62	0.49
	-1.58	-3.32	-4.75	-3.75	-1.63	0.00	-0.23	-8.05	-5.36	0.00	0.15	0.23	0.08	0.00	0.01	0.00	0.00	-10.19	-25.08	-11.53	-9.96	-6.45	-14.95	-14.84
AIR_PRODUCTS___DRP	20.27	18.02	18.57	18.31	18.04	19.21	29.37	39.07	32.55	23.27	22.52	22.03	21.55	21.61	22.40	25.62	31.73	46.52	56.20	40.78	32.43	27.31	25.94	24.10
24190	0.40	0.34	0.31	0.33	0.38	0.49	0.85	0.99	0.87	0.68	0.57	0.50	0.53	0.53	0.59	0.72	0.98	1.23	1.06	0.96	0.74	0.59	0.26	0.21
	-1.60	-3.36	-4.81	-3.80	-1.65	0.00	-0.23	-8.14	-5.43	0.00	0.05	0.08	0.03	0.00	0.00	0.00	0.00	-10.11	-24.90	-11.45	-9.89	-6.40	-14.84	-14.73
AKWESSNE_115KV_BK	17.72	13.90	13.06	13.79	15.47	18.00	27.30	29.01	25.52	22.02	21.46	21.07	20.51	20.51	21.23	24.22	29.95	34.26	29.43	27.66	21.15	19.70	8.85	8.89
355683	-0.55	-0.42	-0.39	-0.40	-0.53	-0.71	-0.99	-0.93	-0.74	-0.56	-0.55	-0.54	-0.55	-0.57	-0.59	-0.67	-0.80	-0.91	-0.82	-0.71	-0.65	-0.63	-0.34	-0.27
	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.66	0.00
ALBANY___1	20.27	18.02	18.57	18.31	18.04	19.21	29.37	39.07	32.55	23.27	22.52	22.03	21.55	21.61	22.40	25.62	31.73	46.52	56.20	40.78	32.43	27.31	25.94	24.10
23571	0.40	0.34	0.31	0.33	0.38	0.49	0.85	0.99	0.87	0.68	0.57	0.50	0.53	0.53	0.59	0.72	0.98	1.23	1.06	0.96	0.74	0.59	0.26	0.21
	-1.60	-3.36	-4.81	-3.80	-1.65	0.00	-0.23	-8.14	-5.43	0.00	0.05	0.08	0.03	0.00	0.00	0.00	0.00	-10.11	-24.90	-11.45	-9.89	-6.40	-14.84	-14.73
ALBANY___2	20.27	18.02	18.57	18.31	18.04	19.21	29.37	39.07	32.55	23.27	22.52	22.03	21.55	21.61	22.40	25.62	31.73	46.52	56.20	40.78	32.43	27.31	25.94	24.10
23572	0.40	0.34	0.31	0.33	0.38	0.49	0.85	0.99	0.87	0.68	0.57	0.50	0.53	0.53	0.59	0.72	0.98	1.23	1.06	0.96	0.74	0.59	0.26	0.21
	-1.60	-3.36	-4.81	-3.80	-1.65	0.00	-0.23	-8.14	-5.43	0.00	0.05	0.08	0.03	0.00	0.00	0.00	0.00	-10.11	-24.90	-11.45	-9.89	-6.40	-14.84	-14.73
ALBANY___3	20.27	18.02	18.57	18.31	18.04	19.21	29.37	39.07	32.55	23.27	22.52	22.03	21.55	21.61	22.40	25.62	31.73	46.52	56.20	40.78	32.43	27.31	25.94	24.10
23573	0.40	0.34	0.31	0.33	0.38	0.49	0.85	0.99	0.87	0.68	0.57	0.50	0.53	0.53	0.59	0.72	0.98	1.23	1.06	0.96	0.74	0.59	0.26	0.21
	-1.60	-3.36	-4.81	-3.80	-1.65	0.00	-0.23	-8.14	-5.43	0.00	0.05	0.08	0.03	0.00	0.00	0.00	0.00	-10.11	-24.90	-11.45	-9.89	-6.40	-14.84	-14.73

ALBANY___4 23574	20.27 0.40 -1.60	18.02 0.34 -3.36	18.57 0.31 -4.81	18.31 0.33 -3.80	18.04 0.38 -1.65	19.21 0.49 0.00	29.37 0.85 -0.23	39.07 0.99 -8.14	32.55 0.87 -5.43	23.27 0.68 0.00	22.52 0.57 0.05	22.03 0.50 0.08	21.55 0.53 0.03	21.61 0.53 0.00	22.40 0.59 0.00	25.62 0.72 0.00	31.73 0.98 0.00	46.52 1.23 -10.11	56.20 1.06 -24.90	40.78 0.96 -11.45	32.43 0.74 -9.89	27.31 0.59 -6.40	25.94 0.26 -14.84	24.10 0.21 -14.73
ALBANY___LFGE 323615	20.50 0.62 -1.61	18.20 0.50 -3.38	18.75 0.46 -4.84	18.49 0.48 -3.82	18.23 0.56 -1.66	19.45 0.73 0.00	29.71 1.19 -0.24	39.48 1.35 -8.19	32.90 1.18 -5.46	23.54 0.95 0.00	22.79 0.84 0.06	22.28 0.76 0.08	21.80 0.78 0.03	21.88 0.80 0.00	22.69 0.87 0.00	25.92 1.02 0.00	32.07 1.32 0.00	47.21 1.62 -10.41	57.29 1.42 -25.62	41.43 1.28 -11.78	32.98 1.00 -10.17	27.72 0.81 -6.58	26.48 0.37 -15.27	24.62 0.30 -15.16
ALCOA_PA_115KV_PL-6C 55860	17.75 -0.51 0.00	13.94 -0.37 0.00	13.09 -0.36 0.00	13.82 -0.37 0.00	15.49 -0.51 0.00	18.02 -0.69 0.01	27.33 -0.96 0.00	29.01 -0.93 0.00	25.57 -0.68 0.00	22.09 -0.50 0.00	21.52 -0.48 0.00	21.09 -0.52 0.00	20.53 -0.53 0.00	20.49 -0.59 0.00	21.21 -0.61 0.00	24.22 -0.67 0.00	29.95 -0.80 0.00	34.30 -0.88 0.00	29.46 -0.79 0.00	27.69 -0.68 0.00	21.15 -0.65 0.00	19.70 -0.63 0.00	8.91 -0.33 1.61	8.92 -0.25 0.00
ALCOA_RYNLDS___DRP 24188	17.75 -0.51 0.00	13.94 -0.37 0.00	13.09 -0.36 0.00	13.82 -0.37 0.00	15.49 -0.51 0.00	18.02 -0.69 0.01	27.33 -0.96 0.00	29.01 -0.93 0.00	25.57 -0.68 0.00	22.09 -0.50 0.00	21.52 -0.48 0.00	21.09 -0.52 0.00	20.53 -0.53 0.00	20.49 -0.59 0.00	21.21 -0.61 0.00	24.22 -0.67 0.00	29.95 -0.80 0.00	34.30 -0.88 0.00	29.46 -0.79 0.00	27.69 -0.68 0.00	21.15 -0.65 0.00	19.70 -0.63 0.00	8.91 -0.33 1.61	8.92 -0.25 0.00
ALCOA___DSASP 323711	17.75 -0.51 0.00	13.94 -0.37 0.00	13.09 -0.36 0.00	13.82 -0.37 0.00	15.49 -0.51 0.00	18.02 -0.69 0.01	27.30 -0.99 0.00	29.01 -0.93 0.00	25.57 -0.68 0.00	22.09 -0.50 0.00	21.52 -0.48 0.00	21.09 -0.52 0.00	20.53 -0.53 0.00	20.49 -0.59 0.00	21.21 -0.61 0.00	24.22 -0.67 0.00	29.95 -0.80 0.00	34.30 -0.88 0.00	29.46 -0.79 0.00	27.69 -0.68 0.00	21.15 -0.65 0.00	19.69 -0.63 0.00	8.91 -0.33 1.61	8.92 -0.25 0.00
ALLEGHENY___COGEN 23514	19.59 0.93 -0.39	15.87 0.73 -0.82	15.33 0.70 -1.18	15.87 0.75 -0.93	17.37 0.96 -0.40	20.22 1.50 0.00	30.35 2.01 -0.06	33.94 2.01 -1.99	29.23 1.65 -1.33	23.83 1.24 0.00	23.35 1.34 0.00	22.93 1.32 0.00	22.27 1.22 0.00	22.26 1.18 0.00	22.97 1.16 0.00	26.11 1.22 0.00	32.50 1.75 0.00	39.52 1.97 -2.37	38.00 1.91 -5.85	32.76 1.70 -2.69	25.52 1.40 -2.32	23.07 1.24 -1.50	14.98 0.65 -3.48	13.18 0.56 -3.46
ALTAMONT_115KV_TB 2 55880	20.56 0.69 -1.60	18.22 0.54 -3.36	18.77 0.51 -4.81	18.53 0.54 -3.80	18.28 0.62 -1.65	19.49 0.77 0.00	29.74 1.22 -0.23	39.43 1.35 -8.15	32.86 1.18 -5.43	23.56 0.97 0.00	22.88 0.90 0.03	22.41 0.84 0.05	21.88 0.84 0.02	21.95 0.86 0.00	22.73 0.92 0.00	26.02 1.12 0.00	32.16 1.41 0.00	46.88 1.58 -10.12	56.52 1.36 -24.91	41.10 1.28 -11.45	32.69 1.00 -9.89	27.54 0.81 -6.40	26.09 0.40 -14.84	24.23 0.33 -14.73
ALTONA_WT_PWR 323606	17.50 -0.77 0.00	13.74 -0.57 0.00	12.91 -0.54 0.00	13.62 -0.57 0.00	15.33 -0.67 0.00	17.68 -1.03 0.01	26.93 -1.36 0.00	28.68 -1.26 0.00	25.44 -0.81 0.00	22.11 -0.48 0.00	21.65 -0.35 0.00	21.27 -0.35 0.00	20.76 -0.29 0.00	20.77 -0.32 0.00	21.49 -0.33 0.00	24.52 -0.37 0.00	30.38 -0.37 0.00	34.37 -0.81 0.00	29.76 -0.49 0.00	28.28 -0.08 0.00	21.39 -0.41 0.00	19.80 -0.53 0.00	8.77 -0.42 1.66	8.79 -0.38 0.00
AMERICAN_REF_FUEL 24010	18.37 -0.26 -0.36	15.03 -0.04 -0.76	14.52 -0.03 -1.09	15.05 0.00 -0.86	16.44 0.06 -0.38	19.10 0.37 0.00	28.06 -0.28 -0.05	30.92 -0.87 -1.85	26.80 -0.68 -1.23	22.14 -0.45 0.00	21.94 -0.07 0.00	21.63 0.02 0.00	21.08 0.02 0.00	21.06 -0.02 0.00	21.77 -0.04 0.00	24.47 -0.42 0.00	30.07 -0.68 0.00	36.26 -1.13 -2.21	34.68 -1.00 -5.43	29.87 -0.99 -2.50	23.35 -0.61 -2.16	21.15 -0.57 -1.40	13.95 -0.13 -3.24	12.39 0.01 -3.21
ARKWRIGHT___SUMMIT_WT_PWR 323751	18.71 0.05 -0.39	15.23 0.10 -0.82	14.74 0.12 -1.17	15.30 0.18 -0.93	16.72 0.32 -0.40	19.73 1.01 0.00	28.97 0.62 -0.06	32.22 0.30 -1.98	27.91 0.34 -1.32	23.29 0.70 0.00	23.08 1.08 0.00	22.84 1.23 0.00	22.23 1.18 0.00	22.14 1.05 0.00	22.86 1.05 0.00	25.74 0.85 0.00	31.76 1.01 0.00	37.90 0.35 -2.37	36.19 0.12 -5.83	30.91 -0.14 -2.68	24.03 -0.09 -2.31	21.62 -0.20 -1.50	14.29 -0.03 -3.47	12.64 0.03 -3.45
ARTHUR_KILL_GT_1 23520	21.38 1.79 -1.33	18.44 1.35 -2.78	18.67 1.25 -3.97	18.59 1.26 -3.14	18.74 1.38 -1.37	20.29 1.57 0.00	30.57 2.09 -0.19	32.48 2.40 -0.15	32.26 2.10 -3.91	24.69 2.10 0.00	24.15 2.07 -0.08	28.00 1.82 -4.57	29.89 1.83 -7.00	29.85 1.83 -6.93	30.21 1.94 -6.46	31.72 2.29 -4.54	32.74 2.58 0.59	33.03 3.31 5.45	33.02 2.75 -0.02	32.84 2.52 -1.95	31.87 1.88 -8.19	27.44 1.81 -5.31	24.23 1.06 -12.32	22.28 0.89 -12.23
ARTHUR_KILL_2 23512	21.35 1.75 -1.33	18.41 1.32 -2.78	18.64 1.22 -3.97	18.56 1.23 -3.14	18.71 1.34 -1.37	20.26 1.54 0.00	30.52 2.04 -0.19	32.39 2.31 -0.15	32.18 2.02 -3.91	24.62 2.03 0.00	24.09 2.00 -0.08	27.95 1.77 -4.57	29.85 1.79 -7.00	29.81 1.79 -6.93	30.15 1.88 -6.46	31.65 2.21 -4.54	32.68 2.52 0.59	32.93 3.20 5.45	32.93 2.66 -0.02	32.76 2.44 -1.95	31.80 1.81 -8.19	27.40 1.77 -5.31	24.20 1.03 -12.32	22.27 0.87 -12.23
ARTHUR_KILL_3 23513	20.92 1.33 -1.32	18.05 0.96 -2.78	18.28 0.86 -3.97	18.20 0.88 -3.14	18.33 0.96 -1.37	19.96 1.24 0.00	30.57 2.09 -0.19	32.55 2.46 -0.15	32.27 2.10 -3.92	24.58 1.99 0.00	24.02 1.94 -0.08	28.10 1.92 -4.56	29.95 1.90 -7.00	29.93 1.92 -6.93	30.28 2.01 -6.46	31.78 2.34 -4.55	32.90 2.74 0.58	32.97 3.23 5.44	33.06 2.78 -0.03	32.91 2.58 -1.96	31.90 1.90 -8.20	27.16 1.53 -5.31	23.99 0.84 -12.31	22.04 0.65 -12.22
ARTHUR_KILL_COGEN 323718	21.38 1.79 -1.33	18.44 1.35 -2.78	18.67 1.25 -3.97	18.59 1.26 -3.14	18.74 1.38 -1.37	20.29 1.57 0.00	30.57 2.09 -0.19	32.48 2.40 -0.15	32.26 2.10 -3.91	24.69 2.10 0.00	24.15 2.07 -0.08	28.00 1.82 -4.57	29.89 1.83 -7.00	29.85 1.83 -6.93	30.21 1.94 -6.46	31.72 2.29 -4.54	32.74 2.58 0.59	33.03 3.31 5.45	33.02 2.75 -0.02	32.84 2.52 -1.95	31.87 1.88 -8.19	27.44 1.81 -5.31	24.23 1.06 -12.32	22.28 0.89 -12.23
ASHOKAN____ 23654	20.09 0.38 -1.44	17.59 0.24 -3.03	18.01 0.23 -4.33	17.84 0.23 -3.42	17.78 0.29 -1.49	19.75 1.03 0.00	30.28 1.78 -0.21	38.02 0.75 -7.34	31.72 0.58 -4.89	23.58 0.99 0.00	23.22 1.21 0.00	22.74 1.12 0.00	22.17 1.12 0.00	21.93 0.84 0.00	22.75 0.94 0.00	26.04 1.15 0.00	32.35 1.60 0.00	45.70 1.30 -9.22	54.13 1.18 -22.71	39.77 0.97 -10.44	31.45 0.63 -9.01	26.47 0.31 -5.83	24.46 0.09 -13.53	22.70 0.10 -13.43

ASTORIA_EAST_ENERGY_CC1 323581	21.13 1.53 -1.33	18.21 1.12 -2.78	18.44 1.02 -3.97	18.35 1.02 -3.14	18.47 1.10 -1.37	20.03 1.31 0.00	30.60 2.12 -0.19	39.07 2.42 -6.71	32.85 2.13 -4.47	24.61 2.03 0.01	24.10 2.02 -0.07	28.13 1.95 -4.57	29.99 1.94 -7.00	29.95 1.94 -6.93	30.29 2.01 -6.47	31.82 2.37 -4.56	33.35 2.61 0.01	46.80 3.23 -8.38	53.62 2.72 -20.65	40.39 2.52 -9.49	31.87 1.88 -8.19	27.15 1.53 -5.30	24.06 0.90 -12.31	22.15 0.76 -12.23
ASTORIA_EAST_ENERGY_CC2 323582	21.13 1.53 -1.33	18.21 1.12 -2.78	18.44 1.02 -3.97	18.35 1.02 -3.14	18.47 1.10 -1.37	20.03 1.31 0.00	30.60 2.12 -0.19	39.07 2.42 -6.71	32.85 2.13 -4.47	24.61 2.03 0.01	24.10 2.02 -0.07	28.13 1.95 -4.57	29.99 1.94 -7.00	29.95 1.94 -6.93	30.29 2.01 -6.47	31.82 2.37 -4.56	33.35 2.61 0.01	46.80 3.23 -8.38	53.62 2.72 -20.65	40.39 2.52 -9.49	31.87 1.88 -8.19	27.15 1.53 -5.30	24.06 0.90 -12.31	22.15 0.76 -12.23
ASTORIA_GT2_1 24094	21.12 1.53 -1.32	18.21 1.12 -2.78	18.46 1.04 -3.97	18.36 1.04 -3.14	18.49 1.12 -1.37	20.03 1.31 0.00	30.60 2.12 -0.19	39.08 2.42 -6.72	32.89 2.15 -4.48	24.64 2.06 0.00	24.15 2.07 -0.07	28.13 1.95 -4.57	30.00 1.94 -7.00	29.98 1.96 -6.93	30.31 2.03 -6.47	31.82 2.37 -4.56	33.42 2.68 0.00	46.80 3.27 -8.35	53.52 2.72 -20.55	40.34 2.52 -9.45	31.84 1.87 -8.16	27.15 1.54 -5.28	24.01 0.91 -12.25	22.08 0.76 -12.16
ASTORIA_GT2_2 24095	21.12 1.53 -1.32	18.21 1.12 -2.78	18.46 1.04 -3.97	18.36 1.04 -3.14	18.49 1.12 -1.37	20.03 1.31 0.00	30.60 2.12 -0.19	39.08 2.42 -6.72	32.89 2.15 -4.48	24.64 2.06 0.00	24.15 2.07 -0.07	28.13 1.95 -4.57	30.00 1.94 -7.00	29.98 1.96 -6.93	30.31 2.03 -6.47	31.82 2.37 -4.56	33.42 2.68 0.00	46.80 3.27 -8.35	53.52 2.72 -20.55	40.34 2.52 -9.45	31.84 1.87 -8.16	27.15 1.54 -5.28	24.01 0.91 -12.25	22.08 0.76 -12.16
ASTORIA_GT2_3 24096	21.12 1.53 -1.32	18.21 1.12 -2.78	18.46 1.04 -3.97	18.36 1.04 -3.14	18.49 1.12 -1.37	20.03 1.31 0.00	30.60 2.12 -0.19	39.08 2.42 -6.72	32.89 2.15 -4.48	24.64 2.06 0.00	24.15 2.07 -0.07	28.13 1.95 -4.57	30.00 1.94 -7.00	29.98 1.96 -6.93	30.31 2.03 -6.47	31.82 2.37 -4.56	33.42 2.68 0.00	46.80 3.27 -8.35	53.52 2.72 -20.55	40.34 2.52 -9.45	31.84 1.87 -8.16	27.15 1.54 -5.28	24.01 0.91 -12.25	22.08 0.76 -12.16
ASTORIA_GT2_4 24097	21.12 1.53 -1.32	18.21 1.12 -2.78	18.46 1.04 -3.97	18.36 1.04 -3.14	18.49 1.12 -1.37	20.03 1.31 0.00	30.60 2.12 -0.19	39.08 2.42 -6.72	32.89 2.15 -4.48	24.64 2.06 0.00	24.15 2.07 -0.07	28.13 1.95 -4.57	30.00 1.94 -7.00	29.98 1.96 -6.93	30.31 2.03 -6.47	31.82 2.37 -4.56	33.42 2.68 0.00	46.80 3.27 -8.35	53.52 2.72 -20.55	40.34 2.52 -9.45	31.84 1.87 -8.16	27.15 1.54 -5.28	24.01 0.91 -12.25	22.08 0.76 -12.16
ASTORIA_GT3_1 24098	21.12 1.53 -1.32	18.21 1.12 -2.78	18.46 1.04 -3.97	18.36 1.04 -3.14	18.49 1.12 -1.37	20.03 1.31 0.00	30.60 2.12 -0.19	39.08 2.42 -6.72	32.89 2.15 -4.48	24.64 2.06 0.00	24.15 2.07 -0.07	28.13 1.95 -4.57	30.00 1.94 -7.00	29.98 1.96 -6.93	30.31 2.03 -6.47	31.82 2.37 -4.56	33.42 2.68 0.00	46.80 3.27 -8.35	53.52 2.72 -20.55	40.34 2.52 -9.45	31.84 1.87 -8.16	27.15 1.54 -5.28	24.01 0.91 -12.25	22.08 0.76 -12.16
ASTORIA_GT3_2 24099	21.12 1.53 -1.32	18.21 1.12 -2.78	18.46 1.04 -3.97	18.36 1.04 -3.14	18.49 1.12 -1.37	20.03 1.31 0.00	30.60 2.12 -0.19	39.08 2.42 -6.72	32.89 2.15 -4.48	24.64 2.06 0.00	24.15 2.07 -0.07	28.13 1.95 -4.57	30.00 1.94 -7.00	29.98 1.96 -6.93	30.31 2.03 -6.47	31.82 2.37 -4.56	33.42 2.68 0.00	46.80 3.27 -8.35	53.52 2.72 -20.55	40.34 2.52 -9.45	31.84 1.87 -8.16	27.15 1.54 -5.28	24.01 0.91 -12.25	22.08 0.76 -12.16
ASTORIA_GT3_3 24100	21.12 1.53 -1.32	18.21 1.12 -2.78	18.46 1.04 -3.97	18.36 1.04 -3.14	18.49 1.12 -1.37	20.03 1.31 0.00	30.60 2.12 -0.19	39.08 2.42 -6.72	32.89 2.15 -4.48	24.64 2.06 0.00	24.15 2.07 -0.07	28.13 1.95 -4.57	30.00 1.94 -7.00	29.98 1.96 -6.93	30.31 2.03 -6.47	31.82 2.37 -4.56	33.42 2.68 0.00	46.80 3.27 -8.35	53.52 2.72 -20.55	40.34 2.52 -9.45	31.84 1.87 -8.16	27.15 1.54 -5.28	24.01 0.91 -12.25	22.08 0.76 -12.16
ASTORIA_GT3_4 24101	21.12 1.53 -1.32	18.21 1.12 -2.78	18.46 1.04 -3.97	18.36 1.04 -3.14	18.49 1.12 -1.37	20.03 1.31 0.00	30.60 2.12 -0.19	39.08 2.42 -6.72	32.89 2.15 -4.48	24.64 2.06 0.00	24.15 2.07 -0.07	28.13 1.95 -4.57	30.00 1.94 -7.00	29.98 1.96 -6.93	30.31 2.03 -6.47	31.82 2.37 -4.56	33.42 2.68 0.00	46.80 3.27 -8.35	53.52 2.72 -20.55	40.34 2.52 -9.45	31.84 1.87 -8.16	27.15 1.54 -5.28	24.01 0.91 -12.25	22.08 0.76 -12.16
ASTORIA_GT4_1 24102	21.12 1.53 -1.32	18.21 1.12 -2.78	18.46 1.04 -3.97	18.36 1.04 -3.14	18.49 1.12 -1.37	20.03 1.31 0.00	30.60 2.12 -0.19	39.08 2.42 -6.72	32.89 2.15 -4.48	24.64 2.06 0.00	24.15 2.07 -0.07	28.13 1.95 -4.57	30.00 1.94 -7.00	29.98 1.96 -6.93	30.31 2.03 -6.47	31.82 2.37 -4.56	33.42 2.68 0.00	46.80 3.27 -8.35	53.52 2.72 -20.55	40.34 2.52 -9.45	31.84 1.87 -8.16	27.15 1.54 -5.28	24.01 0.91 -12.25	22.08 0.76 -12.16
ASTORIA_GT4_2 24103	21.12 1.53 -1.32	18.21 1.12 -2.78	18.46 1.04 -3.97	18.36 1.04 -3.14	18.49 1.12 -1.37	20.03 1.31 0.00	30.60 2.12 -0.19	39.08 2.42 -6.72	32.89 2.15 -4.48	24.64 2.06 0.00	24.15 2.07 -0.07	28.13 1.95 -4.57	30.00 1.94 -7.00	29.98 1.96 -6.93	30.31 2.03 -6.47	31.82 2.37 -4.56	33.42 2.68 0.00	46.80 3.27 -8.35	53.52 2.72 -20.55	40.34 2.52 -9.45	31.84 1.87 -8.16	27.15 1.54 -5.28	24.01 0.91 -12.25	22.08 0.76 -12.16
ASTORIA_GT4_3 24104	21.12 1.53 -1.32	18.21 1.12 -2.78	18.46 1.04 -3.97	18.36 1.04 -3.14	18.49 1.12 -1.37	20.03 1.31 0.00	30.60 2.12 -0.19	39.08 2.42 -6.72	32.89 2.15 -4.48	24.64 2.06 0.00	24.15 2.07 -0.07	28.13 1.95 -4.57	30.00 1.94 -7.00	29.98 1.96 -6.93	30.31 2.03 -6.47	31.82 2.37 -4.56	33.42 2.68 0.00	46.80 3.27 -8.35	53.52 2.72 -20.55	40.34 2.52 -9.45	31.84 1.87 -8.16	27.15 1.54 -5.28	24.01 0.91 -12.25	22.08 0.76 -12.16
ASTORIA_GT4_4 24105	21.12 1.53 -1.32	18.21 1.12 -2.78	18.46 1.04 -3.97	18.36 1.04 -3.14	18.49 1.12 -1.37	20.03 1.31 0.00	30.60 2.12 -0.19	39.08 2.42 -6.72	32.89 2.15 -4.48	24.64 2.06 0.00	24.15 2.07 -0.07	28.13 1.95 -4.57	30.00 1.94 -7.00	29.98 1.96 -6.93	30.31 2.03 -6.47	31.82 2.37 -4.56	33.42 2.68 0.00	46.80 3.27 -8.35	53.52 2.72 -20.55	40.34 2.52 -9.45	31.84 1.87 -8.16	27.15 1.54 -5.28	24.01 0.91 -12.25	22.08 0.76 -12.16
ASTORIA_GT_1 23523	21.16 1.57 -1.33	18.24 1.15 -2.78	18.47 1.05 -3.97	18.37 1.05 -3.14	18.50 1.14 -1.37	20.05 1.33 0.00	30.66 2.18 -0.19	39.13 2.48 -6.71	32.93 2.21 -4.47	24.68 2.10 0.01	24.15 2.07 -0.07	28.17 1.99 -4.57	30.04 1.98 -7.00	30.02 2.00 -6.93	30.36 2.07 -6.47	31.87 2.41 -4.56	33.45 2.71 0.01	46.91 3.34 -8.38	53.71 2.81 -20.65	40.47 2.61 -9.49	31.91 1.92 -8.19	27.19 1.57 -5.30	24.09 0.93 -12.31	22.17 0.78 -12.23

ASTORIA_GT_10 24110	21.06 1.48 -1.32	18.18 1.09 -2.78	18.42 1.00 -3.97	18.32 0.99 -3.14	18.44 1.07 -1.37	20.03 1.31 0.00	30.63 2.15 -0.19	39.17 2.51 -6.72	32.94 2.21 -4.48	24.64 2.06 0.00	24.11 2.02 -0.08	28.22 1.92 -4.68	30.15 1.92 -7.18	30.11 1.92 -7.11	30.44 1.99 -6.63	31.88 2.32 -4.67	33.45 2.71 0.00	46.87 3.34 -8.35	53.61 2.81 -20.55	40.40 2.58 -9.45	31.88 1.92 -8.16	27.21 1.61 -5.28	24.01 0.91 -12.25	22.06 0.73 -12.16
ASTORIA_GT_11 24225	21.06 1.48 -1.32	18.18 1.09 -2.78	18.42 1.00 -3.97	18.32 0.99 -3.14	18.44 1.07 -1.37	20.03 1.31 0.00	30.63 2.15 -0.19	39.17 2.51 -6.72	32.94 2.21 -4.48	24.64 2.06 0.00	24.11 2.02 -0.08	28.22 1.92 -4.68	30.15 1.92 -7.18	30.11 1.92 -7.11	30.44 1.99 -6.63	31.88 2.32 -4.67	33.45 2.71 0.00	46.87 3.34 -8.35	53.61 2.81 -20.55	40.40 2.58 -9.45	31.88 1.92 -8.16	27.21 1.61 -5.28	24.01 0.91 -12.25	22.06 0.73 -12.16
ASTORIA_GT_12 24226	21.06 1.48 -1.32	18.18 1.09 -2.78	18.42 1.00 -3.97	18.32 0.99 -3.14	18.44 1.07 -1.37	20.03 1.31 0.00	30.63 2.15 -0.19	39.17 2.51 -6.72	32.94 2.21 -4.48	24.64 2.06 0.00	24.11 2.02 -0.08	28.22 1.92 -4.68	30.15 1.92 -7.18	30.11 1.92 -7.11	30.44 1.99 -6.63	31.88 2.32 -4.67	33.45 2.71 0.00	46.87 3.34 -8.35	53.61 2.81 -20.55	40.40 2.58 -9.45	31.88 1.92 -8.16	27.21 1.61 -5.28	24.01 0.91 -12.25	22.06 0.73 -12.16
ASTORIA_GT_13 24227	21.06 1.48 -1.32	18.18 1.09 -2.78	18.42 1.00 -3.97	18.32 0.99 -3.14	18.44 1.07 -1.37	20.03 1.31 0.00	30.63 2.15 -0.19	39.17 2.51 -6.72	32.94 2.21 -4.48	24.64 2.06 0.00	24.11 2.02 -0.08	28.22 1.92 -4.68	30.15 1.92 -7.18	30.11 1.92 -7.11	30.44 1.99 -6.63	31.88 2.32 -4.67	33.45 2.71 0.00	46.87 3.34 -8.35	53.61 2.81 -20.55	40.40 2.58 -9.45	31.88 1.92 -8.16	27.21 1.61 -5.28	24.01 0.91 -12.25	22.06 0.73 -12.16
ASTORIA_GT_5 24106	21.16 1.57 -1.33	18.24 1.15 -2.78	18.47 1.05 -3.97	18.37 1.05 -3.14	18.50 1.14 -1.37	20.05 1.33 0.00	30.66 2.18 -0.19	39.13 2.48 -6.71	32.93 2.21 -4.47	24.68 2.10 0.01	24.15 2.07 -0.07	28.17 1.99 -4.57	30.04 1.98 -7.00	30.02 2.00 -6.93	30.36 2.07 -6.47	31.87 2.41 -4.56	33.45 2.71 0.01	46.91 3.34 -8.38	53.71 2.81 -20.65	40.47 2.61 -9.49	31.91 1.92 -8.19	27.19 1.57 -5.30	24.09 0.93 -12.31	22.17 0.78 -12.23
ASTORIA_GT_7 24107	21.16 1.57 -1.33	18.24 1.15 -2.78	18.47 1.05 -3.97	18.37 1.05 -3.14	18.50 1.14 -1.37	20.05 1.33 0.00	30.66 2.18 -0.19	39.13 2.48 -6.71	32.93 2.21 -4.47	24.68 2.10 0.01	24.15 2.07 -0.07	28.17 1.99 -4.57	30.04 1.98 -7.00	30.02 2.00 -6.93	30.36 2.07 -6.47	31.87 2.41 -4.56	33.45 2.71 0.01	46.91 3.34 -8.38	53.71 2.81 -20.65	40.47 2.61 -9.49	31.91 1.92 -8.19	27.19 1.57 -5.30	24.09 0.93 -12.31	22.17 0.78 -12.23
ASTORIA_GT_8 24108	21.16 1.57 -1.32	18.23 1.15 -2.78	18.47 1.05 -3.97	18.37 1.05 -3.14	18.50 1.14 -1.37	20.05 1.33 0.00	30.66 2.18 -0.19	39.14 2.48 -6.72	32.94 2.21 -4.48	24.67 2.08 0.00	24.19 2.11 -0.07	28.17 1.99 -4.57	30.04 1.98 -7.00	30.02 2.00 -6.93	30.36 2.07 -6.47	31.87 2.41 -4.56	33.48 2.74 0.00	46.87 3.34 -8.35	53.61 2.81 -20.55	40.40 2.58 -9.45	31.88 1.92 -8.16	27.19 1.59 -5.28	24.02 0.92 -12.25	22.10 0.78 -12.16
ASTORIA___2 24149	21.13 1.53 -1.33	18.21 1.12 -2.78	18.46 1.04 -3.97	18.36 1.04 -3.14	18.49 1.12 -1.37	20.03 1.31 0.00	30.60 2.12 -0.19	39.07 2.42 -6.71	32.88 2.15 -4.47	24.63 2.06 0.01	24.10 2.02 -0.07	28.13 1.95 -4.57	29.99 1.94 -7.00	29.98 1.96 -6.93	30.31 2.03 -6.47	31.82 2.37 -4.56	33.39 2.64 0.01	46.83 3.27 -8.38	53.62 2.72 -20.65	40.39 2.52 -9.49	31.87 1.88 -8.19	27.17 1.54 -5.30	24.07 0.91 -12.31	22.15 0.76 -12.23
ASTORIA___3 23516	21.07 1.48 -1.33	18.18 1.09 -2.78	18.42 1.00 -3.97	18.32 0.99 -3.14	18.44 1.07 -1.37	20.03 1.31 0.00	30.63 2.15 -0.19	39.17 2.52 -6.72	32.94 2.21 -4.48	24.64 2.06 0.00	24.09 2.00 -0.08	28.22 1.92 -4.68	30.15 1.92 -7.18	30.11 1.92 -7.11	30.44 1.99 -6.63	31.91 2.34 -4.67	33.41 2.67 0.01	46.91 3.34 -8.39	53.72 2.81 -20.66	40.45 2.58 -9.50	31.92 1.92 -8.20	27.22 1.59 -5.31	24.07 0.91 -12.31	22.13 0.73 -12.23
ASTORIA___4 23517	21.06 1.48 -1.32	18.18 1.09 -2.78	18.42 1.00 -3.97	18.32 0.99 -3.14	18.44 1.07 -1.37	20.03 1.31 0.00	30.63 2.15 -0.19	39.17 2.51 -6.72	32.94 2.21 -4.48	24.64 2.06 0.00	24.11 2.02 -0.08	28.22 1.92 -4.68	30.15 1.92 -7.18	30.11 1.92 -7.11	30.44 1.99 -6.63	31.88 2.32 -4.67	33.45 2.71 0.00	46.87 3.34 -8.35	53.61 2.81 -20.55	40.40 2.58 -9.45	31.88 1.92 -8.16	27.21 1.61 -5.28	24.01 0.91 -12.25	22.06 0.73 -12.16
ASTORIA___5 23518	21.07 1.48 -1.33	18.18 1.09 -2.78	18.42 1.00 -3.97	18.32 0.99 -3.14	18.44 1.07 -1.37	20.03 1.31 0.00	30.63 2.15 -0.19	39.17 2.52 -6.72	32.94 2.21 -4.48	24.64 2.06 0.00	24.09 2.00 -0.08	28.22 1.92 -4.68	30.15 1.92 -7.18	30.11 1.92 -7.11	30.44 1.99 -6.63	31.91 2.34 -4.67	33.41 2.67 0.01	46.91 3.34 -8.39	53.72 2.81 -20.66	40.45 2.58 -9.50	31.92 1.92 -8.20	27.22 1.59 -5.31	24.07 0.91 -12.31	22.13 0.73 -12.23
AST_ENERGY_2_CC3 323677	21.03 1.44 -1.32	18.15 1.06 -2.78	18.38 0.96 -3.97	18.30 0.98 -3.14	18.44 1.07 -1.37	20.09 1.37 0.00	30.74 2.26 -0.19	39.32 2.66 -6.72	33.02 2.28 -4.48	24.69 2.10 0.00	24.13 2.05 -0.08	28.20 2.03 -4.56	30.05 2.00 -7.00	30.03 2.02 -6.93	30.42 2.14 -6.46	31.93 2.49 -4.55	33.67 2.92 0.00	47.05 3.48 -8.39	53.87 2.97 -20.66	40.62 2.75 -9.50	32.03 2.03 -8.20	27.28 1.65 -5.31	24.06 0.90 -12.31	22.09 0.71 -12.22
AST_ENERGY_2_CC4 323678	21.03 1.44 -1.32	18.15 1.06 -2.78	18.38 0.96 -3.97	18.30 0.98 -3.14	18.44 1.07 -1.37	20.09 1.37 0.00	30.74 2.26 -0.19	39.32 2.66 -6.72	33.02 2.28 -4.48	24.69 2.10 0.00	24.13 2.05 -0.08	28.20 2.03 -4.56	30.05 2.00 -7.00	30.03 2.02 -6.93	30.42 2.14 -6.46	31.93 2.49 -4.55	33.67 2.92 0.00	47.05 3.48 -8.39	53.87 2.97 -20.66	40.62 2.75 -9.50	32.03 2.03 -8.20	27.28 1.65 -5.31	24.06 0.90 -12.31	22.09 0.71 -12.22
ATHENS_STG_1 23668	20.52 0.80 -1.45	17.98 0.62 -3.05	18.39 0.58 -4.37	18.25 0.61 -3.45	18.17 0.67 -1.50	19.54 0.82 0.00	29.80 1.30 -0.21	38.79 1.47 -7.39	32.47 1.29 -4.93	23.69 1.11 0.00	23.08 1.06 -0.02	22.65 1.02 -0.03	22.07 1.01 -0.01	22.11 1.03 0.00	22.91 1.09 0.00	26.19 1.29 0.00	32.29 1.54 0.00	46.21 1.79 -9.24	54.53 1.54 -22.74	40.27 1.45 -10.46	31.94 1.11 -9.03	27.06 0.89 -5.84	24.86 0.47 -13.55	23.02 0.40 -13.45
ATHENS_STG_2 23670	20.52 0.80 -1.45	17.98 0.62 -3.05	18.39 0.58 -4.37	18.25 0.61 -3.45	18.17 0.67 -1.50	19.54 0.82 0.00	29.80 1.30 -0.21	38.79 1.47 -7.39	32.47 1.29 -4.93	23.69 1.11 0.00	23.08 1.06 -0.02	22.65 1.02 -0.03	22.07 1.01 -0.01	22.11 1.03 0.00	22.91 1.09 0.00	26.19 1.29 0.00	32.29 1.54 0.00	46.21 1.79 -9.24	54.53 1.54 -22.74	40.27 1.45 -10.46	31.94 1.11 -9.03	27.06 0.89 -5.84	24.86 0.47 -13.55	23.02 0.40 -13.45

ATHENS_STG_3 23677	20.52 0.80 -1.45	17.98 0.62 -3.05	18.39 0.58 -4.37	18.25 0.61 -3.45	18.17 0.67 -1.50	19.54 0.82 0.00	29.80 1.30 -0.21	38.79 1.47 -7.39	32.47 1.29 -4.93	23.69 1.11 0.00	23.08 1.06 -0.02	22.65 1.02 -0.03	22.07 1.01 -0.01	22.11 1.03 0.00	22.91 1.09 0.00	26.19 1.29 0.00	32.29 1.54 0.00	46.21 1.79 -9.24	54.53 1.54 -22.74	40.27 1.45 -10.46	31.94 1.11 -9.03	27.06 0.89 -5.84	24.86 0.47 -13.55	23.02 0.40 -13.45
AUBURN___LFGE 323710	19.08 0.47 -0.34	15.40 0.37 -0.71	14.82 0.35 -1.02	15.35 0.35 -0.81	16.83 0.48 -0.35	19.41 0.69 0.00	29.27 0.93 -0.05	32.78 1.11 -1.73	28.32 0.92 -1.15	23.40 0.81 0.00	22.80 0.79 0.00	22.43 0.82 0.00	21.81 0.76 0.00	21.86 0.78 0.00	22.62 0.81 0.00	25.74 0.85 0.00	31.79 1.05 0.00	38.45 1.13 -2.15	36.59 1.06 -5.29	31.74 0.94 -2.43	24.69 0.78 -2.10	22.46 0.77 -1.36	14.34 0.34 -3.15	12.57 0.27 -3.13
BABYLON_RES_REC 323704	22.94 1.84 -2.83	21.21 1.36 -5.54	20.56 1.26 -5.85	20.75 1.30 -5.25	22.60 1.42 -5.17	24.20 1.82 -3.67	32.05 2.89 -0.88	40.01 3.35 -6.72	33.72 2.86 -4.60	30.59 2.64 -5.36	27.54 2.53 -3.01	28.43 2.51 -4.31	28.10 2.48 -4.57	28.03 2.47 -4.48	28.87 2.57 -4.48	29.91 2.99 -2.03	37.85 3.57 -3.54	51.85 4.15 -12.53	59.45 3.57 -25.64	49.29 3.29 -17.63	39.97 2.46 -15.70	30.34 2.09 -7.92	29.02 1.03 -17.14	26.55 0.88 -16.51
BABYLON__69_KV_BK2 356345	23.14 2.05 -2.82	21.37 1.52 -5.54	20.71 1.41 -5.85	20.91 1.48 -5.25	22.78 1.60 -5.17	24.42 2.04 -3.66	32.38 3.22 -0.87	40.34 3.68 -6.72	33.99 2.97 -4.78	30.85 2.89 -5.37	27.70 2.68 -3.01	28.68 2.77 -4.30	28.25 2.63 -4.56	28.13 2.57 -4.48	28.96 2.66 -4.48	30.32 3.04 -2.39	37.98 3.69 -3.54	53.01 4.29 -13.54	63.78 3.69 -29.84	55.93 3.40 -24.15	40.08 2.62 -15.67	30.81 2.22 -8.27	29.44 1.07 -17.52	26.55 0.93 -16.45
BALL_HILL_WT_PWR 323825	18.78 0.13 -0.38	15.29 0.17 -0.81	14.78 0.17 -1.16	15.31 0.21 -0.91	16.72 0.32 -0.40	19.69 0.97 0.00	28.91 0.57 -0.06	32.01 0.12 -1.96	27.74 0.19 -1.30	23.13 0.54 0.00	22.91 0.90 0.00	22.61 0.99 0.00	22.02 0.97 0.00	21.97 0.89 0.00	22.71 0.89 0.00	25.54 0.65 0.00	31.49 0.74 0.00	37.62 0.11 -2.33	36.02 0.03 -5.75	30.90 -0.11 -2.64	24.10 0.02 -2.28	21.74 -0.06 -1.48	14.35 0.08 -3.42	12.70 0.14 -3.40
BARON_WINDS___WT_PWR 323822	19.00 0.27 -0.46	15.53 0.26 -0.96	15.06 0.24 -1.37	15.55 0.28 -1.08	16.89 0.42 -0.47	19.66 0.94 0.00	29.23 0.88 -0.07	32.89 0.63 -2.32	28.35 0.55 -1.55	23.33 0.74 0.00	22.95 0.95 0.00	22.59 0.97 0.00	21.98 0.93 0.00	21.99 0.91 0.00	22.71 0.89 0.00	25.69 0.80 0.00	31.79 1.05 0.00	38.60 0.67 -2.76	37.58 0.54 -6.79	31.89 0.40 -3.12	24.87 0.37 -2.70	22.33 0.26 -1.75	15.08 0.18 -4.05	13.37 0.18 -4.02
BARRETT_IC_1 23704	22.69 1.59 -2.83	21.04 1.19 -5.54	20.39 1.09 -5.85	20.56 1.12 -5.25	22.42 1.25 -5.17	23.94 1.55 -3.67	31.54 2.38 -0.88	39.38 2.72 -6.72	33.12 2.39 -4.48	30.14 2.19 -5.36	27.12 2.11 -3.01	28.00 2.07 -4.31	27.68 2.06 -4.57	27.63 2.07 -4.48	28.46 2.16 -4.48	29.16 2.49 -1.78	37.24 2.95 -3.54	50.36 3.41 -11.77	55.72 2.93 -22.54	43.97 2.70 -12.90	39.57 2.07 -15.70	29.69 1.71 -7.65	28.61 0.94 -16.82	26.44 0.77 -16.50
BARRETT_IC_10 23701	22.69 1.59 -2.83	21.04 1.19 -5.54	20.39 1.09 -5.85	20.56 1.12 -5.25	22.42 1.25 -5.17	23.94 1.55 -3.67	31.54 2.38 -0.88	39.38 2.72 -6.72	33.12 2.39 -4.48	30.14 2.19 -5.36	27.12 2.11 -3.01	28.00 2.07 -4.31	27.68 2.06 -4.57	27.63 2.07 -4.48	28.46 2.16 -4.48	29.16 2.49 -1.78	37.24 2.95 -3.54	50.36 3.41 -11.77	55.72 2.93 -22.54	43.97 2.70 -12.90	39.57 2.07 -15.70	29.69 1.71 -7.65	28.61 0.94 -16.82	26.44 0.77 -16.50
BARRETT_IC_11 23702	22.69 1.59 -2.83	21.04 1.19 -5.54	20.39 1.09 -5.85	20.56 1.12 -5.25	22.42 1.25 -5.17	23.94 1.55 -3.67	31.54 2.38 -0.88	39.38 2.72 -6.72	33.12 2.39 -4.48	30.14 2.19 -5.36	27.12 2.11 -3.01	28.00 2.07 -4.31	27.68 2.06 -4.57	27.63 2.07 -4.48	28.46 2.16 -4.48	29.16 2.49 -1.78	37.24 2.95 -3.54	50.36 3.41 -11.77	55.72 2.93 -22.54	43.97 2.70 -12.90	39.57 2.07 -15.70	29.69 1.71 -7.65	28.61 0.94 -16.82	26.44 0.77 -16.50
BARRETT_IC_12 23703	22.69 1.59 -2.83	21.04 1.19 -5.54	20.39 1.09 -5.85	20.56 1.12 -5.25	22.42 1.25 -5.17	23.94 1.55 -3.67	31.54 2.38 -0.88	39.38 2.72 -6.72	33.12 2.39 -4.48	30.14 2.19 -5.36	27.12 2.11 -3.01	28.00 2.07 -4.31	27.68 2.06 -4.57	27.63 2.07 -4.48	28.46 2.16 -4.48	29.16 2.49 -1.78	37.24 2.95 -3.54	50.36 3.41 -11.77	55.72 2.93 -22.54	43.97 2.70 -12.90	39.57 2.07 -15.70	29.69 1.71 -7.65	28.61 0.94 -16.82	26.44 0.77 -16.50
BARRETT_IC_2 23705	22.69 1.59 -2.83	21.04 1.19 -5.54	20.39 1.09 -5.85	20.56 1.12 -5.25	22.42 1.25 -5.17	23.94 1.55 -3.67	31.54 2.38 -0.88	39.38 2.72 -6.72	33.12 2.39 -4.48	30.14 2.19 -5.36	27.12 2.11 -3.01	28.00 2.07 -4.31	27.68 2.06 -4.57	27.63 2.07 -4.48	28.46 2.16 -4.48	29.16 2.49 -1.78	37.24 2.95 -3.54	50.36 3.41 -11.77	55.72 2.93 -22.54	43.97 2.70 -12.90	39.57 2.07 -15.70	29.69 1.71 -7.65	28.61 0.94 -16.82	26.44 0.77 -16.50
BARRETT_IC_3 23706	22.69 1.59 -2.83	21.04 1.19 -5.54	20.39 1.09 -5.85	20.56 1.12 -5.25	22.42 1.25 -5.17	23.94 1.55 -3.67	31.54 2.38 -0.88	39.38 2.72 -6.72	33.12 2.39 -4.48	30.14 2.19 -5.36	27.12 2.11 -3.01	28.00 2.07 -4.31	27.68 2.06 -4.57	27.63 2.07 -4.48	28.46 2.16 -4.48	29.16 2.49 -1.78	37.24 2.95 -3.54	50.36 3.41 -11.77	55.72 2.93 -22.54	43.97 2.70 -12.90	39.57 2.07 -15.70	29.69 1.71 -7.65	28.61 0.94 -16.82	26.44 0.77 -16.50
BARRETT_IC_4 23707	22.69 1.59 -2.83	21.04 1.19 -5.54	20.39 1.09 -5.85	20.56 1.12 -5.25	22.42 1.25 -5.17	23.94 1.55 -3.67	31.54 2.38 -0.88	39.38 2.72 -6.72	33.12 2.39 -4.48	30.14 2.19 -5.36	27.12 2.11 -3.01	28.00 2.07 -4.31	27.68 2.06 -4.57	27.63 2.07 -4.48	28.46 2.16 -4.48	29.16 2.49 -1.78	37.24 2.95 -3.54	50.36 3.41 -11.77	55.72 2.93 -22.54	43.97 2.70 -12.90	39.57 2.07 -15.70	29.69 1.71 -7.65	28.61 0.94 -16.82	26.44 0.77 -16.50
BARRETT_IC_5 23708	22.69 1.59 -2.83	21.04 1.19 -5.54	20.39 1.09 -5.85	20.56 1.12 -5.25	22.42 1.25 -5.17	23.94 1.55 -3.67	31.54 2.38 -0.88	39.38 2.72 -6.72	33.12 2.39 -4.48	30.14 2.19 -5.36	27.12 2.11 -3.01	28.00 2.07 -4.31	27.68 2.06 -4.57	27.63 2.07 -4.48	28.46 2.16 -4.48	29.16 2.49 -1.78	37.24 2.95 -3.54	50.36 3.41 -11.77	55.72 2.93 -22.54	43.97 2.70 -12.90	39.57 2.07 -15.70	29.69 1.71 -7.65	28.61 0.94 -16.82	26.44 0.77 -16.50
BARRETT_IC_6 23709	22.69 1.59 -2.83	21.04 1.19 -5.54	20.39 1.09 -5.85	20.56 1.12 -5.25	22.42 1.25 -5.17	23.94 1.55 -3.67	31.54 2.38 -0.88	39.38 2.72 -6.72	33.12 2.39 -4.48	30.14 2.19 -5.36	27.12 2.11 -3.01	28.00 2.07 -4.31	27.68 2.06 -4.57	27.63 2.07 -4.48	28.46 2.16 -4.48	29.16 2.49 -1.78	37.24 2.95 -3.54	50.36 3.41 -11.77	55.72 2.93 -22.54	43.97 2.70 -12.90	39.57 2.07 -15.70	29.69 1.71 -7.65	28.61 0.94 -16.82	26.44 0.77 -16.50

BARRETT_IC_7 23710	22.68 1.59 -2.82	21.04 1.19 -5.54	20.39 1.09 -5.85	20.55 1.12 -5.25	22.42 1.25 -5.17	23.93 1.55 -3.66	31.53 2.38 -0.87	39.38 2.72 -6.72	33.12 2.39 -4.48	30.14 2.19 -5.36	27.15 2.13 -3.01	27.99 2.07 -4.30	27.67 2.06 -4.56	27.62 2.07 -4.47	28.45 2.16 -4.47	29.16 2.49 -1.78	37.27 2.98 -3.54	50.31 3.41 -11.72	55.58 2.90 -22.44	43.91 2.70 -12.85	39.53 2.07 -15.66	29.68 1.73 -7.62	28.55 0.94 -16.76	26.37 0.77 -16.44
BARRETT_IC_8 23711	22.69 1.59 -2.83	21.04 1.19 -5.54	20.39 1.09 -5.85	20.56 1.12 -5.25	22.42 1.25 -5.17	23.94 1.55 -3.67	31.54 2.38 -0.88	39.38 2.72 -6.72	33.12 2.39 -4.48	30.14 2.19 -5.36	27.12 2.11 -3.01	28.00 2.07 -4.31	27.68 2.06 -4.57	27.63 2.07 -4.48	28.46 2.16 -4.48	29.16 2.49 -1.78	37.24 2.95 -3.54	50.36 3.41 -11.77	55.72 2.93 -22.54	43.97 2.70 -12.90	39.57 2.07 -15.70	29.69 1.71 -7.65	28.61 0.94 -16.82	26.44 0.77 -16.50
BARRETT_IC_9 23700	22.69 1.59 -2.83	21.04 1.19 -5.54	20.39 1.09 -5.85	20.56 1.12 -5.25	22.42 1.25 -5.17	23.94 1.55 -3.67	31.54 2.38 -0.88	39.38 2.72 -6.72	33.12 2.39 -4.48	30.14 2.19 -5.36	27.12 2.11 -3.01	28.00 2.07 -4.31	27.68 2.06 -4.57	27.63 2.07 -4.48	28.46 2.16 -4.48	29.16 2.49 -1.78	37.24 2.95 -3.54	50.36 3.41 -11.77	55.72 2.93 -22.54	43.97 2.70 -12.90	39.57 2.07 -15.70	29.69 1.71 -7.65	28.61 0.94 -16.82	26.44 0.77 -16.50
BARRETT___1 23545	22.69 1.59 -2.83	21.04 1.19 -5.54	20.39 1.09 -5.85	20.56 1.12 -5.25	22.42 1.25 -5.17	23.94 1.55 -3.67	31.54 2.38 -0.88	39.38 2.72 -6.72	33.12 2.39 -4.48	30.14 2.19 -5.36	27.12 2.11 -3.01	28.00 2.07 -4.31	27.68 2.06 -4.57	27.63 2.07 -4.48	28.46 2.16 -4.48	29.16 2.49 -1.78	37.24 2.95 -3.54	50.36 3.41 -11.77	55.72 2.93 -22.54	43.97 2.70 -12.90	39.57 2.07 -15.70	29.69 1.71 -7.65	28.61 0.94 -16.82	26.44 0.77 -16.50
BARRETT___2 23546	22.69 1.59 -2.83	21.04 1.19 -5.54	20.39 1.09 -5.85	20.56 1.12 -5.25	22.42 1.25 -5.17	23.94 1.55 -3.67	31.54 2.38 -0.88	39.38 2.72 -6.72	33.12 2.39 -4.48	30.14 2.19 -5.36	27.12 2.11 -3.01	28.00 2.07 -4.31	27.68 2.06 -4.57	27.63 2.07 -4.48	28.46 2.16 -4.48	29.16 2.49 -1.78	37.24 2.95 -3.54	50.36 3.41 -11.77	55.72 2.93 -22.54	43.97 2.70 -12.90	39.57 2.07 -15.70	29.69 1.71 -7.65	28.61 0.94 -16.82	26.44 0.77 -16.50
BATAVIA___115KV_TB1 55881	19.00 0.38 -0.35	15.43 0.39 -0.73	14.87 0.38 -1.05	15.43 0.41 -0.83	16.92 0.56 -0.36	19.69 0.97 0.00	29.19 0.85 -0.05	32.19 0.48 -1.77	27.96 0.53 -1.18	23.02 0.43 0.00	22.67 0.66 0.00	22.41 0.80 0.00	21.79 0.74 0.00	21.80 0.72 0.00	22.54 0.72 0.00	25.47 0.57 0.00	31.21 0.46 0.00	37.80 0.42 -2.20	36.06 0.39 -5.42	31.14 0.28 -2.49	24.30 0.35 -2.15	21.94 0.22 -1.39	14.35 0.27 -3.23	12.68 0.31 -3.20
BAYONEEC___CTG1 323682	21.01 1.43 -1.32	18.12 1.03 -2.78	18.36 0.94 -3.97	18.29 0.97 -3.14	18.42 1.06 -1.37	20.05 1.33 0.00	30.71 2.23 -0.19	39.29 2.64 -6.72	32.99 2.26 -4.48	24.69 2.10 0.00	24.13 2.05 -0.08	28.18 2.01 -4.56	30.03 1.98 -7.00	30.01 2.00 -6.93	30.37 2.09 -6.46	31.89 2.44 -4.55	33.64 2.89 0.00	47.02 3.45 -8.39	53.84 2.93 -20.66	40.59 2.72 -9.50	32.01 2.00 -8.20	27.26 1.63 -5.31	24.05 0.89 -12.31	22.08 0.70 -12.22
BAYONEEC___CTG10 323750	21.01 1.43 -1.32	18.12 1.03 -2.78	18.36 0.94 -3.97	18.29 0.97 -3.14	18.42 1.06 -1.37	20.05 1.33 0.00	30.71 2.23 -0.19	39.29 2.64 -6.72	32.99 2.26 -4.48	24.69 2.10 0.00	24.13 2.05 -0.08	28.18 2.01 -4.56	30.03 1.98 -7.00	30.01 2.00 -6.93	30.37 2.09 -6.46	31.89 2.44 -4.55	33.64 2.89 0.00	47.02 3.45 -8.39	53.84 2.93 -20.66	40.59 2.72 -9.50	32.01 2.00 -8.20	27.26 1.63 -5.31	24.05 0.89 -12.31	22.08 0.70 -12.22
BAYONEEC___CTG2 323683	21.01 1.43 -1.32	18.12 1.03 -2.78	18.36 0.94 -3.97	18.29 0.97 -3.14	18.42 1.06 -1.37	20.05 1.33 0.00	30.71 2.23 -0.19	39.29 2.64 -6.72	32.99 2.26 -4.48	24.69 2.10 0.00	24.13 2.05 -0.08	28.18 2.01 -4.56	30.03 1.98 -7.00	30.01 2.00 -6.93	30.37 2.09 -6.46	31.89 2.44 -4.55	33.64 2.89 0.00	47.02 3.45 -8.39	53.84 2.93 -20.66	40.59 2.72 -9.50	32.01 2.00 -8.20	27.26 1.63 -5.31	24.05 0.89 -12.31	22.08 0.70 -12.22
BAYONEEC___CTG3 323684	21.01 1.43 -1.32	18.12 1.03 -2.78	18.36 0.94 -3.97	18.29 0.97 -3.14	18.42 1.06 -1.37	20.05 1.33 0.00	30.71 2.23 -0.19	39.29 2.64 -6.72	32.99 2.26 -4.48	24.69 2.10 0.00	24.13 2.05 -0.08	28.18 2.01 -4.56	30.03 1.98 -7.00	30.01 2.00 -6.93	30.37 2.09 -6.46	31.89 2.44 -4.55	33.64 2.89 0.00	47.02 3.45 -8.39	53.84 2.93 -20.66	40.59 2.72 -9.50	32.01 2.00 -8.20	27.26 1.63 -5.31	24.05 0.89 -12.31	22.08 0.70 -12.22
BAYONEEC___CTG4 323685	21.01 1.43 -1.32	18.12 1.03 -2.78	18.36 0.94 -3.97	18.29 0.97 -3.14	18.42 1.06 -1.37	20.05 1.33 0.00	30.71 2.23 -0.19	39.29 2.64 -6.72	32.99 2.26 -4.48	24.69 2.10 0.00	24.13 2.05 -0.08	28.18 2.01 -4.56	30.03 1.98 -7.00	30.01 2.00 -6.93	30.37 2.09 -6.46	31.89 2.44 -4.55	33.64 2.89 0.00	47.02 3.45 -8.39	53.84 2.93 -20.66	40.59 2.72 -9.50	32.01 2.00 -8.20	27.26 1.63 -5.31	24.05 0.89 -12.31	22.08 0.70 -12.22
BAYONEEC___CTG5 323686	21.01 1.43 -1.32	18.12 1.03 -2.78	18.36 0.94 -3.97	18.29 0.97 -3.14	18.42 1.06 -1.37	20.05 1.33 0.00	30.71 2.23 -0.19	39.29 2.64 -6.72	32.99 2.26 -4.48	24.69 2.10 0.00	24.13 2.05 -0.08	28.18 2.01 -4.56	30.03 1.98 -7.00	30.01 2.00 -6.93	30.37 2.09 -6.46	31.89 2.44 -4.55	33.64 2.89 0.00	47.02 3.45 -8.39	53.84 2.93 -20.66	40.59 2.72 -9.50	32.01 2.00 -8.20	27.26 1.63 -5.31	24.05 0.89 -12.31	22.08 0.70 -12.22
BAYONEEC___CTG6 323687	21.01 1.43 -1.32	18.12 1.03 -2.78	18.36 0.94 -3.97	18.29 0.97 -3.14	18.42 1.06 -1.37	20.05 1.33 0.00	30.71 2.23 -0.19	39.29 2.64 -6.72	32.99 2.26 -4.48	24.69 2.10 0.00	24.13 2.05 -0.08	28.18 2.01 -4.56	30.03 1.98 -7.00	30.01 2.00 -6.93	30.37 2.09 -6.46	31.89 2.44 -4.55	33.64 2.89 0.00	47.02 3.45 -8.39	53.84 2.93 -20.66	40.59 2.72 -9.50	32.01 2.00 -8.20	27.26 1.63 -5.31	24.05 0.89 -12.31	22.08 0.70 -12.22
BAYONEEC___CTG7 323688	21.01 1.43 -1.32	18.12 1.03 -2.78	18.36 0.94 -3.97	18.29 0.97 -3.14	18.42 1.06 -1.37	20.05 1.33 0.00	30.71 2.23 -0.19	39.29 2.64 -6.72	32.99 2.26 -4.48	24.69 2.10 0.00	24.13 2.05 -0.08	28.18 2.01 -4.56	30.03 1.98 -7.00	30.01 2.00 -6.93	30.37 2.09 -6.46	31.89 2.44 -4.55	33.64 2.89 0.00	47.02 3.45 -8.39	53.84 2.93 -20.66	40.59 2.72 -9.50	32.01 2.00 -8.20	27.26 1.63 -5.31	24.05 0.89 -12.31	22.08 0.70 -12.22
BAYONEEC___CTG8 323689	21.01 1.43 -1.32	18.12 1.03 -2.78	18.36 0.94 -3.97	18.29 0.97 -3.14	18.42 1.06 -1.37	20.05 1.33 0.00	30.71 2.23 -0.19	39.29 2.64 -6.72	32.99 2.26 -4.48	24.69 2.10 0.00	24.13 2.05 -0.08	28.18 2.01 -4.56	30.03 1.98 -7.00	30.01 2.00 -6.93	30.37 2.09 -6.46	31.89 2.44 -4.55	33.64 2.89 0.00	47.02 3.45 -8.39	53.84 2.93 -20.66	40.59 2.72 -9.50	32.01 2.00 -8.20	27.26 1.63 -5.31	24.05 0.89 -12.31	22.08 0.70 -12.22

BAYONEEC___CTG9 323749	21.01 1.43 -1.32	18.12 1.03 -2.78	18.36 0.94 -3.97	18.29 0.97 -3.14	18.42 1.06 -1.37	20.05 1.33 0.00	30.71 2.23 -0.19	39.29 2.64 -6.72	32.99 2.26 -4.48	24.69 2.10 0.00	24.13 2.05 -0.08	28.18 2.01 -4.56	30.03 1.98 -7.00	30.01 2.00 -6.93	30.37 2.09 -6.46	31.89 2.44 -4.55	33.64 2.89 0.00	47.02 3.45 -8.39	53.84 2.93 -20.66	40.59 2.72 -9.50	32.01 2.00 -8.20	27.26 1.63 -5.31	24.05 0.89 -12.31	22.08 0.70 -12.22
BEACON___LESR 323632	20.59 0.73 -1.60	18.25 0.57 -3.36	18.78 0.52 -4.80	18.54 0.55 -3.80	18.29 0.64 -1.65	19.54 0.82 0.00	29.91 1.39 -0.23	39.60 1.53 -8.13	33.01 1.34 -5.42	23.65 1.06 0.00	22.87 0.92 0.06	22.35 0.82 0.08	21.89 0.86 0.03	21.95 0.86 0.00	22.75 0.94 0.00	26.07 1.17 0.00	32.29 1.54 0.00	47.41 1.93 -10.30	57.29 1.69 -25.35	41.56 1.53 -11.66	33.06 1.20 -10.06	27.81 0.98 -6.51	26.40 0.44 -15.11	24.53 0.37 -15.00
BEAVER RIVER___HYD 24048	18.10 -0.27 -0.11	14.31 -0.23 -0.23	13.55 -0.23 -0.33	14.19 -0.25 -0.26	15.83 -0.29 -0.11	18.42 -0.30 0.00	27.99 -0.31 -0.02	30.19 -0.30 -0.55	26.38 -0.24 -0.37	22.32 -0.27 0.00	21.70 -0.31 0.00	21.22 -0.39 0.00	20.53 -0.53 0.00	20.51 -0.57 0.00	21.23 -0.59 0.00	24.27 -0.62 0.00	30.20 -0.55 0.00	35.46 -0.39 -0.66	31.64 -0.24 -1.63	28.92 -0.20 -0.75	22.17 -0.28 -0.65	20.50 -0.24 -0.42	11.24 -0.14 -0.54	10.02 -0.11 -0.97
BEEBEE_GT_13 23619	18.90 0.31 -0.32	15.27 0.27 -0.68	14.70 0.27 -0.98	15.24 0.28 -0.77	16.72 0.38 -0.34	19.28 0.56 0.00	28.96 0.62 -0.05	31.98 0.39 -1.65	27.77 0.42 -1.10	22.84 0.25 0.00	22.40 0.40 0.00	22.11 0.50 0.00	21.50 0.44 0.00	21.52 0.44 0.00	22.25 0.44 0.00	25.22 0.32 0.00	30.96 0.22 0.00	37.55 0.32 -2.05	35.60 0.30 -5.06	30.92 0.23 -2.33	24.09 0.28 -2.01	21.87 0.24 -1.30	14.09 0.23 -3.01	12.39 0.24 -2.99
BENSHRST_27_KV_BENSHRST_1 355998	21.28 1.70 -1.32	18.33 1.25 -2.78	18.55 1.13 -3.97	18.46 1.13 -3.14	18.60 1.23 -1.37	20.20 1.48 0.00	30.80 2.32 -0.19	39.38 2.72 -6.72	33.12 2.39 -4.48	24.85 2.26 0.00	24.33 2.24 -0.08	28.37 2.07 -4.68	30.30 2.06 -7.18	30.28 2.09 -7.11	30.61 2.16 -6.63	32.11 2.54 -4.67	33.67 2.92 0.00	47.15 3.62 -8.35	53.82 3.02 -20.55	40.63 2.81 -9.45	32.08 2.11 -8.16	27.44 1.83 -5.28	24.14 1.04 -12.25	22.16 0.83 -12.16
BETHLEHEM___GRP 23843	20.27 0.40 -1.60	18.02 0.34 -3.36	18.57 0.31 -4.81	18.31 0.33 -3.80	18.04 0.38 -1.65	19.21 0.49 0.00	29.37 0.85 -0.23	39.07 0.99 -8.14	32.55 0.87 -5.43	23.27 0.68 0.00	22.52 0.57 0.05	22.03 0.50 0.08	21.55 0.53 0.03	21.61 0.53 0.00	22.40 0.59 0.00	25.62 0.72 0.00	31.73 0.98 0.00	46.52 1.23 -10.11	56.20 1.06 -24.90	40.78 0.96 -11.45	32.43 0.74 -9.89	27.31 0.59 -6.40	25.94 0.26 -14.84	24.10 0.21 -14.73
BETHLEHEM___GS1 323560	20.27 0.40 -1.60	18.02 0.34 -3.36	18.57 0.31 -4.81	18.31 0.33 -3.80	18.04 0.38 -1.65	19.21 0.49 0.00	29.37 0.85 -0.23	39.07 0.99 -8.14	32.55 0.87 -5.43	23.26 0.68 0.00	22.52 0.57 0.05	22.03 0.50 0.08	21.55 0.53 0.03	21.61 0.53 0.00	22.40 0.59 0.00	25.62 0.72 0.00	31.67 0.92 0.00	46.72 1.23 -10.31	56.68 1.06 -25.37	41.00 0.97 -11.67	32.64 0.76 -10.07	27.44 0.59 -6.52	26.23 0.26 -15.12	24.39 0.21 -15.01
BETHLEHEM___GS2 323561	20.27 0.40 -1.60	18.02 0.34 -3.36	18.57 0.31 -4.81	18.31 0.33 -3.80	18.04 0.38 -1.65	19.21 0.49 0.00	29.37 0.85 -0.23	39.07 0.99 -8.14	32.55 0.87 -5.43	23.26 0.68 0.00	22.52 0.57 0.05	22.03 0.50 0.08	21.55 0.53 0.03	21.61 0.53 0.00	22.40 0.59 0.00	25.62 0.72 0.00	31.67 0.92 0.00	46.72 1.23 -10.31	56.68 1.06 -25.37	41.00 0.97 -11.67	32.64 0.76 -10.07	27.44 0.59 -6.52	26.23 0.26 -15.12	24.39 0.21 -15.01
BETHLEHEM___GS3 323562	20.27 0.40 -1.60	18.02 0.34 -3.36	18.57 0.31 -4.81	18.31 0.33 -3.80	18.04 0.38 -1.65	19.21 0.49 0.00	29.37 0.85 -0.23	39.07 0.99 -8.14	32.55 0.87 -5.43	23.26 0.68 0.00	22.52 0.57 0.05	22.03 0.50 0.08	21.55 0.53 0.03	21.61 0.53 0.00	22.40 0.59 0.00	25.62 0.72 0.00	31.67 0.92 0.00	46.72 1.23 -10.31	56.68 1.06 -25.37	41.00 0.97 -11.67	32.64 0.76 -10.07	27.44 0.59 -6.52	26.23 0.26 -15.12	24.39 0.21 -15.01
BETHLEHEM___STEEL 23779	18.70 0.05 -0.38	15.22 0.11 -0.79	14.71 0.12 -1.14	15.24 0.16 -0.90	16.65 0.26 -0.39	19.60 0.88 0.00	28.71 0.37 -0.06	31.77 -0.09 -1.92	27.53 0.00 -1.28	22.97 0.38 0.00	22.67 0.66 0.00	22.45 0.84 0.00	21.85 0.80 0.00	21.82 0.74 0.00	22.56 0.74 0.00	25.39 0.50 0.00	31.09 0.34 0.00	37.43 -0.14 -2.39	35.98 -0.15 -5.89	30.82 -0.26 -2.71	24.05 -0.09 -2.34	21.67 -0.16 -1.51	14.42 0.07 -3.51	12.78 0.14 -3.48
BETHLHEM_115KV_TB1 79974	20.34 0.47 -1.60	18.06 0.39 -3.36	18.61 0.35 -4.81	18.36 0.37 -3.80	18.09 0.43 -1.65	19.26 0.54 0.00	29.45 0.93 -0.23	39.13 1.05 -8.14	32.60 0.92 -5.43	23.31 0.72 0.00	22.59 0.64 0.05	22.12 0.58 0.08	21.62 0.59 0.03	21.69 0.61 0.00	22.49 0.68 0.00	25.69 0.80 0.00	31.82 1.08 0.00	46.59 1.30 -10.11	56.26 1.12 -24.89	40.84 1.02 -11.45	32.49 0.81 -9.88	27.37 0.65 -6.40	25.97 0.29 -14.83	24.13 0.24 -14.72
BETHPAGE_CC_5 323564	22.89 1.79 -2.83	21.18 1.33 -5.54	20.52 1.22 -5.85	20.72 1.28 -5.25	22.57 1.39 -5.17	24.15 1.76 -3.67	31.96 2.80 -0.88	39.89 3.23 -6.72	33.64 2.84 -4.56	30.50 2.55 -5.36	27.50 2.49 -3.01	28.38 2.46 -4.31	28.06 2.44 -4.57	28.01 2.44 -4.48	28.85 2.55 -4.48	29.77 2.94 -1.93	37.76 3.47 -3.54	51.50 4.08 -12.24	58.21 3.48 -24.49	47.48 3.23 -15.87	39.92 2.42 -15.70	30.16 2.01 -7.82	28.91 1.04 -17.02	26.54 0.87 -16.51
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	18.66 0.02 -0.38	15.20 0.09 -0.80	14.69 0.09 -1.14	15.22 0.13 -0.90	16.62 0.22 -0.39	19.64 0.92 0.00	28.71 0.37 -0.06	31.75 -0.12 -1.94	27.52 -0.03 -1.29	23.04 0.45 0.00	22.73 0.73 0.00	22.52 0.91 0.00	21.94 0.88 0.00	21.88 0.80 0.00	22.62 0.81 0.00	25.47 0.57 0.00	31.18 0.43 0.00	37.44 -0.14 -2.41	35.99 -0.18 -5.92	30.81 -0.28 -2.72	24.04 -0.11 -2.35	21.64 -0.20 -1.52	14.42 0.04 -3.53	12.78 0.11 -3.50
BINGHAMTON___COGEN 23790	19.35 0.49 -0.59	15.94 0.39 -1.24	15.60 0.38 -1.78	15.99 0.40 -1.40	17.11 0.50 -0.61	19.51 0.79 0.00	29.34 0.96 -0.09	33.87 0.93 -3.01	29.04 0.79 -2.00	23.38 0.79 0.00	22.82 0.81 0.00	22.45 0.84 0.00	21.85 0.80 0.00	21.88 0.80 0.00	22.62 0.81 0.00	25.77 0.87 0.00	31.82 1.08 0.00	39.93 1.02 -3.73	40.31 0.88 -9.19	33.39 0.79 -4.23	26.10 0.65 -3.65	23.26 0.57 -2.36	16.65 0.33 -5.48	14.89 0.28 -5.44
BIXINCNT_115KV_LOAD 355685	18.46 -0.20 -0.39	15.01 -0.13 -0.82	14.48 -0.15 -1.18	15.00 -0.11 -0.93	16.44 0.03 -0.40	19.71 0.99 0.00	28.63 0.28 -0.06	31.75 -0.18 -1.99	27.58 0.00 -1.33	23.29 0.70 0.00	22.95 0.95 0.00	22.74 1.12 0.00	22.15 1.09 0.00	22.05 0.97 0.00	22.73 0.92 0.00	25.52 0.62 0.00	31.42 0.68 0.00	37.55 -0.11 -2.48	36.19 -0.15 -6.10	30.75 -0.43 -2.80	23.98 -0.24 -2.42	21.49 -0.41 -1.57	14.35 -0.13 -3.63	12.70 -0.07 -3.61

BLACK RIVER___HYD 24047	18.33 -0.09 -0.16	14.54 -0.10 -0.33	13.81 -0.11 -0.47	14.43 -0.13 -0.37	16.05 -0.11 -0.16	18.66 -0.06 0.00	28.37 0.06 -0.02	30.79 0.06 -0.79	26.75 -0.03 -0.53	22.43 -0.16 0.00	21.81 -0.20 0.00	21.33 -0.28 0.00	20.68 -0.38 0.00	20.66 -0.42 0.00	21.38 -0.44 0.00	24.45 -0.45 0.00	30.47 -0.28 0.00	36.06 -0.07 -0.95	32.67 0.09 -2.33	29.56 0.11 -1.07	22.70 -0.02 -0.93	20.95 0.02 -0.60	11.93 0.00 -1.09	10.54 -0.01 -1.38
BLACKRVR_115KV_TB2 79977	18.33 -0.09 -0.16	14.54 -0.10 -0.33	13.81 -0.11 -0.47	14.43 -0.13 -0.37	16.05 -0.11 -0.16	18.66 -0.06 0.00	28.37 0.06 -0.02	30.79 0.06 -0.79	26.75 -0.03 -0.53	22.43 -0.16 0.00	21.81 -0.20 0.00	21.33 -0.28 0.00	20.68 -0.38 0.00	20.66 -0.42 0.00	21.38 -0.44 0.00	24.45 -0.45 0.00	30.47 -0.28 0.00	36.09 -0.07 -0.98	32.76 0.09 -2.42	29.60 0.11 -1.11	22.74 -0.02 -0.96	20.97 0.02 -0.62	11.99 0.00 -1.14	10.59 -0.01 -1.43
BLISS_WT_PWR 323608	18.40 -0.26 -0.39	14.95 -0.19 -0.82	14.43 -0.20 -1.18	14.95 -0.17 -0.93	16.39 -0.02 -0.40	19.68 0.95 0.00	28.66 0.31 -0.06	31.72 -0.21 -1.99	27.55 -0.03 -1.33	23.26 0.68 0.00	23.04 1.03 0.00	22.76 1.14 0.00	22.15 1.09 0.00	22.05 0.97 0.00	22.71 0.89 0.00	25.47 0.57 0.00	31.58 0.83 0.00	37.41 -0.14 -2.38	35.92 -0.18 -5.85	30.58 -0.48 -2.69	23.84 -0.28 -2.32	21.38 -0.45 -1.50	14.15 -0.18 -3.49	12.51 -0.12 -3.46
BLUESTONE___WT_PWR 323821	20.12 1.21 -0.65	16.60 0.92 -1.37	16.28 0.87 -1.96	16.64 0.91 -1.55	17.78 1.10 -0.67	20.26 1.54 0.00	30.70 2.32 -0.10	35.74 2.48 -3.31	30.53 2.07 -2.21	24.30 1.72 0.00	23.70 1.69 0.00	23.25 1.64 0.00	22.55 1.50 0.00	22.60 1.52 0.00	23.41 1.59 0.00	26.74 1.84 0.00	33.30 2.55 0.00	41.73 2.92 -3.63	41.73 2.54 -8.95	34.81 2.33 -4.11	27.05 1.70 -3.55	24.13 1.50 -2.30	16.95 0.77 -5.33	15.09 0.63 -5.29
BLUE_CIRC_CHEM_DRP 24182	20.59 0.75 -1.57	18.23 0.60 -3.31	18.75 0.56 -4.74	18.52 0.60 -3.74	18.32 0.69 -1.63	19.56 0.84 0.00	29.85 1.33 -0.23	39.42 1.47 -8.02	32.88 1.29 -5.35	23.63 1.04 0.00	22.90 0.92 0.03	22.43 0.86 0.05	21.90 0.86 0.02	21.97 0.89 0.00	22.78 0.96 0.00	26.07 1.17 0.00	32.25 1.51 0.00	46.86 1.72 -9.96	56.27 1.51 -24.52	41.03 1.39 -11.27	32.62 1.09 -9.73	27.52 0.89 -6.30	25.88 0.42 -14.61	24.02 0.36 -14.50
BOC_GAS_DRP 24189	20.50 0.64 -1.60	18.17 0.50 -3.35	18.72 0.47 -4.80	18.48 0.50 -3.79	18.21 0.56 -1.65	19.41 0.69 0.00	29.62 1.10 -0.23	39.29 1.23 -8.12	32.74 1.08 -5.42	23.49 0.90 0.00	22.81 0.84 0.03	22.36 0.80 0.05	21.82 0.78 0.02	21.88 0.80 0.00	22.67 0.85 0.00	25.92 1.02 0.00	32.04 1.29 0.00	46.71 1.44 -10.09	56.33 1.24 -24.84	40.95 1.16 -11.42	32.56 0.89 -9.86	27.44 0.73 -6.38	26.02 0.37 -14.80	24.16 0.30 -14.70
BOONVILLE_115KV_TB1 79983	18.61 0.26 -0.09	14.68 0.19 -0.18	13.87 0.16 -0.26	14.56 0.17 -0.21	16.30 0.21 -0.09	19.04 0.32 0.00	28.87 0.57 -0.01	30.92 0.54 -0.44	26.99 0.45 -0.30	22.88 0.29 0.00	22.29 0.29 0.00	21.85 0.24 0.00	21.20 0.15 0.00	21.21 0.13 0.00	21.97 0.15 0.00	25.09 0.20 0.00	31.18 0.43 0.00	36.33 0.60 -0.55	32.18 0.57 -1.36	29.53 0.54 -0.62	22.69 0.35 -0.54	21.00 0.33 -0.35	11.74 0.18 -0.71	10.11 0.15 -0.80
BORALEX_4TH_BRANCH 23824	20.87 1.02 -1.58	18.51 0.87 -3.32	18.97 0.77 -4.75	18.78 0.84 -3.75	18.60 0.96 -1.63	19.94 1.22 0.00	30.41 1.90 -0.23	40.05 2.07 -8.05	33.48 1.86 -5.36	24.03 1.45 0.00	23.15 1.30 0.15	22.59 1.21 0.23	22.17 1.20 0.08	22.33 1.24 0.00	23.14 1.33 0.01	26.54 1.64 0.00	32.78 2.03 0.00	47.53 2.36 -10.00	56.85 2.00 -24.61	41.53 1.84 -11.32	33.03 1.46 -9.77	27.91 1.26 -6.32	26.13 0.62 -14.66	24.22 0.49 -14.56
BOWLINE___1 23526	20.65 1.17 -1.21	17.71 0.84 -2.55	17.86 0.77 -3.64	17.86 0.79 -2.88	18.12 0.86 -1.25	19.75 1.03 0.00	30.10 1.64 -0.18	38.02 1.92 -6.17	32.02 1.65 -4.11	24.08 1.49 0.00	23.50 1.45 -0.05	23.08 1.40 -0.07	22.49 1.41 -0.02	22.49 1.41 0.00	23.32 1.50 0.00	26.64 1.74 0.00	32.87 2.12 0.00	45.47 2.60 -7.69	51.38 2.21 -18.93	39.12 2.04 -8.70	30.82 1.50 -7.52	26.39 1.20 -4.86	22.76 0.63 -11.28	20.88 0.51 -11.20
BOWLINE___2 23595	20.66 1.19 -1.21	17.71 0.84 -2.55	17.87 0.78 -3.64	17.86 0.79 -2.88	18.13 0.88 -1.25	19.79 1.07 0.00	30.16 1.70 -0.18	38.08 1.98 -6.17	32.07 1.71 -4.11	24.12 1.54 0.00	23.55 1.50 -0.05	23.13 1.45 -0.07	22.53 1.45 -0.02	22.54 1.45 0.00	23.37 1.55 0.00	26.69 1.79 0.00	32.93 2.18 0.00	45.51 2.64 -7.69	51.45 2.27 -18.93	39.17 2.10 -8.70	30.84 1.53 -7.52	26.41 1.22 -4.86	22.78 0.65 -11.28	20.89 0.53 -11.20
BRADY___115KV_TB2 356060	17.98 -0.33 -0.04	14.13 -0.27 -0.09	13.31 -0.27 -0.13	14.01 -0.28 -0.10	15.57 -0.48 -0.05	18.04 -0.67 0.01	27.59 -0.71 -0.01	29.59 -0.57 -0.22	26.24 -0.16 -0.15	22.38 -0.20 0.00	21.79 -0.22 0.00	21.29 -0.32 0.00	20.40 -0.65 0.00	20.24 -0.84 0.00	20.94 -0.87 0.00	23.97 -0.92 0.00	29.98 -0.77 0.00	34.97 -0.49 -0.28	30.60 -0.33 -0.69	28.46 -0.23 -0.32	21.53 -0.55 -0.27	19.97 -0.53 -0.18	9.71 -0.27 0.86	9.42 -0.15 -0.41
BRANSCOMB___SOLAR 323811	20.94 1.04 -1.63	18.58 0.83 -3.43	19.18 0.82 -4.91	18.93 0.87 -3.88	18.76 1.07 -1.69	20.07 1.35 0.00	30.70 2.18 -0.24	40.62 2.36 -8.32	33.85 2.05 -5.55	24.24 1.65 0.00	23.45 1.50 0.06	22.91 1.38 0.08	22.39 1.37 0.03	22.47 1.39 0.00	23.30 1.48 0.00	26.64 1.74 0.00	32.90 2.15 0.00	48.41 2.60 -10.63	58.70 2.30 -26.16	42.47 2.07 -12.03	33.80 1.61 -10.39	28.39 1.34 -6.72	27.05 0.62 -15.59	25.13 0.49 -15.48
BRENTWOD_69_KV_W. BRTWOOD 56703	23.06 1.97 -2.82	21.31 1.46 -5.54	20.66 1.36 -5.85	20.85 1.42 -5.25	22.70 1.52 -5.17	24.34 1.97 -3.66	32.24 3.08 -0.87	40.16 3.50 -6.72	33.67 2.70 -4.71	30.73 2.78 -5.37	27.50 2.49 -3.01	28.55 2.64 -4.30	28.08 2.46 -4.56	27.92 2.36 -4.48	28.74 2.44 -4.48	29.91 2.76 -2.26	37.58 3.29 -3.54	52.10 3.76 -13.15	61.77 3.27 -28.26	53.09 2.98 -21.74	39.84 2.38 -15.66	30.43 1.97 -8.13	29.16 0.95 -17.36	26.47 0.86 -16.45
BRISTLHL_115KV_TB1 79998	18.49 -0.02 -0.24	14.81 -0.01 -0.51	14.17 -0.01 -0.74	14.75 -0.01 -0.58	16.29 0.03 -0.25	18.78 0.06 0.00	28.32 0.00 -0.04	30.91 -0.27 -1.24	26.79 -0.29 -0.83	22.34 -0.25 0.00	21.76 -0.24 0.00	21.40 -0.22 0.00	20.84 -0.21 0.00	20.87 -0.21 0.00	21.58 -0.24 0.00	24.57 -0.32 0.00	30.35 -0.40 0.00	36.23 -0.49 -1.55	33.66 -0.39 -3.81	29.75 -0.37 -1.75	23.12 -0.20 -1.51	21.24 -0.06 -0.98	13.14 0.02 -2.27	11.43 0.02 -2.25
BROOKHAVEN___DRP 24191	23.01 1.92 -2.82	21.25 1.40 -5.54	20.63 1.33 -5.85	20.82 1.39 -5.25	22.65 1.47 -5.17	24.29 1.91 -3.66	32.13 2.97 -0.87	40.07 3.41 -6.72	35.82 3.12 -6.45	30.79 2.80 -5.40	27.83 2.77 -3.05	28.55 2.64 -4.30	28.33 2.67 -4.60	28.32 2.72 -4.52	29.15 2.81 -4.52	33.86 3.14 -5.83	38.08 3.75 -3.58	63.34 4.40 -23.76	105.50 3.78 -71.48	119.52 3.49 -87.66	40.14 2.64 -15.70	34.55 2.32 -11.91	33.74 1.10 -21.80	26.59 0.94 -16.48

BROOKLYN_NAVY_YARD 23515	20.99 1.41 -1.32	18.11 1.02 -2.78	18.35 0.93 -3.97	18.26 0.94 -3.14	18.39 1.03 -1.37	20.03 1.31 0.00	30.71 2.23 -0.19	39.32 2.66 -6.72	33.04 2.31 -4.48	24.71 2.12 0.00	24.15 2.07 -0.08	28.23 2.05 -4.56	30.09 2.04 -7.00	30.05 2.04 -6.93	30.44 2.16 -6.46	31.96 2.51 -4.55	33.70 2.95 0.00	47.12 3.55 -8.39	53.93 3.02 -20.66	40.68 2.81 -9.50	32.05 2.05 -8.20	27.30 1.67 -5.31	24.06 0.90 -12.31	22.08 0.70 -12.22
BROOKLYN___ARMY_DRP 323595	21.21 1.63 -1.32	18.29 1.20 -2.78	18.51 1.09 -3.97	18.42 1.09 -3.14	18.55 1.18 -1.37	20.14 1.42 0.00	30.72 2.23 -0.19	39.26 2.60 -6.72	33.02 2.28 -4.48	24.76 2.17 0.00	24.24 2.16 -0.08	28.28 1.99 -4.68	30.22 1.98 -7.18	30.19 2.00 -7.11	30.52 2.07 -6.63	32.01 2.44 -4.67	33.52 2.77 0.00	46.97 3.45 -8.35	53.67 2.87 -20.55	40.49 2.67 -9.45	31.97 2.01 -8.16	27.35 1.75 -5.28	24.09 1.00 -12.25	22.13 0.81 -12.16
BROOKVLE_69_KV_TB1 55790	22.84 1.75 -2.82	21.17 1.32 -5.54	20.51 1.21 -5.85	20.68 1.25 -5.25	22.57 1.39 -5.17	24.12 1.74 -3.66	31.93 2.77 -0.87	39.89 3.23 -6.72	33.58 2.84 -4.49	30.48 2.53 -5.36	27.52 2.51 -3.01	28.36 2.44 -4.30	28.03 2.42 -4.56	28.00 2.45 -4.47	28.84 2.55 -4.47	29.62 2.91 -1.81	37.85 3.57 -3.54	51.15 4.15 -11.82	56.65 3.57 -22.83	45.12 3.29 -13.46	39.95 2.49 -15.66	30.08 2.09 -7.66	28.71 1.06 -16.80	26.48 0.87 -16.44
BROOME_2_LFGE 323671	19.35 0.49 -0.59	15.94 0.39 -1.24	15.60 0.38 -1.78	15.99 0.40 -1.40	17.11 0.50 -0.61	19.51 0.79 0.00	29.36 0.99 -0.09	33.87 0.93 -3.01	29.02 0.76 -2.00	23.38 0.79 0.00	22.84 0.84 0.00	22.45 0.84 0.00	21.85 0.80 0.00	21.88 0.80 0.00	22.63 0.81 0.00	25.74 0.85 0.00	31.85 1.11 0.00	39.74 1.02 -3.54	39.84 0.88 -8.72	33.17 0.79 -4.01	25.91 0.65 -3.46	23.13 0.57 -2.24	16.37 0.33 -5.19	14.61 0.28 -5.16
BROOME___LFGE 323600	19.35 0.49 -0.59	15.94 0.39 -1.24	15.60 0.38 -1.78	15.99 0.40 -1.40	17.11 0.50 -0.61	19.51 0.79 0.00	29.36 0.99 -0.09	33.87 0.93 -3.01	29.02 0.76 -2.00	23.38 0.79 0.00	22.84 0.84 0.00	22.45 0.84 0.00	21.85 0.80 0.00	21.88 0.80 0.00	22.63 0.81 0.00	25.74 0.85 0.00	31.85 1.11 0.00	39.74 1.02 -3.54	39.84 0.88 -8.72	33.17 0.79 -4.01	25.91 0.65 -3.46	23.13 0.57 -2.24	16.37 0.33 -5.19	14.61 0.28 -5.16
BROWNFLS_115KV_TB_3_5 80003	17.70 -0.64 -0.08	13.98 -0.50 -0.16	13.20 -0.48 -0.23	13.86 -0.51 -0.18	15.43 -0.66 -0.08	17.89 -0.82 0.00	27.22 -1.07 -0.01	29.28 -1.05 -0.39	25.78 -0.74 -0.26	21.98 -0.61 0.00	21.39 -0.62 0.00	20.88 -0.73 0.00	20.15 -0.91 0.00	20.07 -1.01 0.00	20.77 -1.05 0.00	23.75 -1.15 0.00	29.52 -1.23 0.00	34.44 -1.23 -0.49	30.46 -1.00 -1.21	28.05 -0.88 -0.56	21.43 -0.85 -0.48	19.86 -0.77 -0.31	10.31 -0.41 0.12	9.58 -0.30 -0.72
BROWNSV1_27_KV_LOAD 356125	21.14 1.55 -1.32	18.22 1.13 -2.78	18.46 1.04 -3.97	18.37 1.05 -3.14	18.52 1.15 -1.37	20.18 1.46 0.00	30.91 2.43 -0.19	39.53 2.87 -6.72	33.23 2.49 -4.48	24.87 2.28 0.00	24.35 2.27 -0.08	28.38 2.20 -4.56	30.22 2.17 -7.00	30.20 2.19 -6.93	30.57 2.29 -6.46	32.11 2.66 -4.55	33.95 3.20 0.00	47.33 3.80 -8.35	54.04 3.24 -20.55	40.83 3.01 -9.45	32.16 2.20 -8.16	27.42 1.81 -5.28	24.07 0.98 -12.25	22.09 0.77 -12.16
BURROWS___LYONSDAL 23803	18.52 0.16 -0.09	14.62 0.11 -0.19	13.82 0.09 -0.27	14.49 0.09 -0.22	16.22 0.13 -0.09	18.93 0.21 0.00	28.70 0.40 -0.01	30.79 0.39 -0.46	26.88 0.32 -0.31	22.79 0.20 0.00	22.18 0.18 0.00	21.72 0.11 0.00	21.08 0.02 0.00	21.08 0.00 0.00	21.82 0.00 0.00	24.92 0.02 0.00	30.99 0.25 0.00	36.18 0.42 -0.58	32.09 0.42 -1.42	29.45 0.43 -0.65	22.61 0.24 -0.56	20.89 0.20 -0.37	11.65 0.12 -0.68	10.11 0.10 -0.84
CAITHNESS_CC_1 323624	22.96 1.86 -2.83	21.23 1.37 -5.54	20.59 1.29 -5.85	20.79 1.35 -5.25	22.60 1.42 -5.17	24.24 1.85 -3.67	32.05 2.89 -0.88	39.95 3.29 -6.72	35.72 3.02 -6.45	30.70 2.71 -5.40	27.74 2.68 -3.05	28.47 2.55 -4.31	28.25 2.59 -4.61	28.24 2.63 -4.52	29.07 2.73 -4.52	33.81 3.09 -5.83	37.92 3.60 -3.58	63.22 4.22 -23.82	105.50 3.63 -71.63	119.52 3.37 -87.78	40.05 2.51 -15.74	34.42 2.15 -11.94	33.77 1.05 -21.87	26.62 0.91 -16.55
CALPINE BETH_PAGE_GT4 24209	22.86 1.77 -2.82	21.18 1.33 -5.54	20.52 1.22 -5.85	20.70 1.26 -5.25	22.57 1.39 -5.17	24.14 1.76 -3.66	31.96 2.80 -0.87	39.89 3.23 -6.72	33.60 2.84 -4.51	30.50 2.55 -5.36	27.52 2.51 -3.01	28.36 2.44 -4.30	28.03 2.42 -4.56	28.00 2.45 -4.47	28.84 2.55 -4.47	29.55 2.81 -1.84	37.70 3.41 -3.54	51.11 4.01 -11.92	56.94 3.45 -23.25	45.63 3.18 -14.09	39.84 2.38 -15.66	30.11 2.09 -7.69	28.74 1.05 -16.84	26.48 0.87 -16.44
CALPINE_BETH_PAGE_GT_4 323586	22.87 1.77 -2.83	21.18 1.33 -5.54	20.52 1.22 -5.85	20.70 1.26 -5.25	22.57 1.39 -5.17	24.15 1.76 -3.67	31.96 2.80 -0.88	39.89 3.23 -6.72	33.60 2.84 -4.51	30.50 2.55 -5.36	27.50 2.49 -3.01	28.36 2.44 -4.31	28.04 2.42 -4.57	28.01 2.44 -4.48	28.85 2.55 -4.48	29.67 2.94 -1.84	37.70 3.41 -3.54	51.15 4.01 -11.97	57.04 3.45 -23.35	45.68 3.18 -14.14	39.88 2.38 -15.70	30.04 1.99 -7.72	28.80 1.05 -16.91	26.54 0.87 -16.50
CALPINE_BP_GT1 23823	22.87 1.77 -2.83	21.18 1.33 -5.54	20.52 1.22 -5.85	20.70 1.26 -5.25	22.57 1.39 -5.17	24.15 1.76 -3.67	31.96 2.80 -0.88	39.89 3.23 -6.72	33.60 2.84 -4.51	30.50 2.55 -5.36	27.50 2.49 -3.01	28.36 2.44 -4.31	28.04 2.42 -4.57	28.01 2.44 -4.48	28.85 2.55 -4.48	29.67 2.94 -1.84	37.70 3.41 -3.54	51.15 4.01 -11.97	57.04 3.45 -23.35	45.68 3.18 -14.14	39.88 2.38 -15.70	30.04 1.99 -7.72	28.80 1.05 -16.91	26.54 0.87 -16.50
CALSPAN___DRP 24200	18.70 0.05 -0.38	15.22 0.11 -0.79	14.71 0.12 -1.14	15.24 0.16 -0.90	16.65 0.26 -0.39	19.60 0.88 0.00	28.71 0.37 -0.06	31.77 -0.09 -1.92	27.53 0.00 -1.28	22.97 0.38 0.00	22.67 0.66 0.00	22.45 0.84 0.00	21.85 0.80 0.00	21.82 0.74 0.00	22.56 0.74 0.00	25.39 0.50 0.00	31.09 0.34 0.00	37.43 -0.14 -2.39	35.98 -0.15 -5.89	30.82 -0.26 -2.71	24.05 -0.09 -2.34	21.67 -0.16 -1.51	14.42 0.07 -3.51	12.78 0.14 -3.48
CALVERTON___SOLAR 323806	23.07 1.97 -2.83	21.31 1.46 -5.54	20.67 1.37 -5.85	20.87 1.43 -5.25	22.70 1.52 -5.17	24.37 1.98 -3.67	32.25 3.08 -0.88	40.25 3.59 -6.72	35.98 3.28 -6.45	30.91 2.91 -5.40	27.91 2.86 -3.05	28.67 2.75 -4.31	28.46 2.80 -4.61	28.45 2.84 -4.52	29.29 2.94 -4.52	34.08 3.36 -5.83	38.23 3.91 -3.58	63.60 4.61 -23.81	105.80 3.96 -71.59	119.76 3.66 -87.73	40.27 2.72 -15.74	34.62 2.36 -11.94	33.85 1.14 -21.86	26.69 0.98 -16.55
CANDIGU_WT_PWR 323617	19.00 0.27 -0.46	15.53 0.26 -0.96	15.06 0.24 -1.37	15.55 0.28 -1.08	16.89 0.42 -0.47	19.66 0.94 0.00	29.23 0.88 -0.07	32.89 0.63 -2.32	28.35 0.55 -1.55	23.33 0.74 0.00	22.95 0.95 0.00	22.59 0.97 0.00	21.98 0.93 0.00	21.99 0.91 0.00	22.71 0.89 0.00	25.69 0.80 0.00	31.79 1.05 0.00	38.60 0.67 -2.76	37.58 0.54 -6.79	31.89 0.40 -3.12	24.87 0.37 -2.70	22.33 0.26 -1.75	15.08 0.18 -4.05	13.37 0.18 -4.02

CARR STREET_E_SYR 24060	18.69 0.15 -0.28	15.02 0.11 -0.59	14.42 0.12 -0.85	14.99 0.13 -0.67	16.49 0.19 -0.29	19.00 0.28 0.00	28.64 0.31 -0.04	31.56 0.18 -1.44	27.32 0.11 -0.96	22.68 0.09 0.00	22.14 0.13 0.00	21.76 0.15 0.00	21.18 0.13 0.00	21.23 0.15 0.00	21.95 0.13 0.00	24.97 0.07 0.00	30.72 -0.03 0.00	36.80 -0.11 -1.72	34.40 -0.09 -4.24	30.23 -0.08 -1.95	23.57 0.09 -1.68	21.60 0.18 -1.09	13.51 0.13 -2.53	11.78 0.11 -2.51
CARTHAGE___PAPER 23857	18.16 -0.24 -0.14	14.39 -0.21 -0.29	13.65 -0.22 -0.41	14.27 -0.24 -0.33	15.89 -0.26 -0.14	18.46 -0.26 0.00	28.08 -0.23 -0.02	30.43 -0.21 -0.70	26.51 -0.21 -0.47	22.32 -0.27 0.00	21.70 -0.31 0.00	21.20 -0.41 0.00	20.53 -0.53 0.00	20.51 -0.57 0.00	21.23 -0.59 0.00	24.27 -0.62 0.00	30.26 -0.49 0.00	35.70 -0.32 -0.84	32.16 -0.15 -2.06	29.20 -0.11 -0.95	22.42 -0.20 -0.82	20.67 -0.18 -0.53	11.60 -0.12 -0.87	10.28 -0.10 -1.22
CASSADAGA_WT_PWR 323784	18.75 0.09 -0.39	15.25 0.11 -0.82	14.77 0.15 -1.18	15.34 0.23 -0.93	16.79 0.38 -0.40	19.88 1.16 0.00	29.17 0.82 -0.06	32.41 0.48 -1.99	28.08 0.50 -1.33	23.49 0.90 0.00	23.26 1.25 0.00	23.02 1.40 0.00	22.36 1.31 0.00	22.24 1.16 0.00	22.95 1.13 0.00	25.84 0.95 0.00	31.95 1.20 0.00	38.01 0.46 -2.37	36.30 0.21 -5.84	31.03 -0.03 -2.69	24.10 -0.02 -2.32	21.64 -0.18 -1.50	14.31 -0.02 -3.48	12.65 0.03 -3.46
CE_DUNWOOD___DRP 24194	20.88 1.30 -1.32	18.04 0.96 -2.77	18.29 0.87 -3.96	18.23 0.91 -3.13	18.36 0.99 -1.36	19.98 1.25 0.00	30.49 2.01 -0.19	39.04 2.40 -6.71	32.80 2.07 -4.47	24.46 1.87 0.00	23.91 1.85 -0.06	23.47 1.77 -0.08	22.85 1.77 -0.03	22.85 1.77 0.00	23.70 1.88 0.00	27.06 2.17 0.00	33.36 2.61 0.00	46.61 3.10 -8.34	53.43 2.66 -20.52	40.25 2.44 -9.44	31.76 1.81 -8.15	27.08 1.48 -5.27	23.86 0.78 -12.23	21.94 0.63 -12.14
CE_MILLWOOD___DRP 24193	20.84 1.26 -1.31	18.00 0.93 -2.76	18.25 0.86 -3.94	18.18 0.88 -3.11	18.33 0.98 -1.36	19.94 1.22 0.00	30.43 1.95 -0.19	38.92 2.31 -6.67	32.72 2.02 -4.45	24.39 1.81 0.00	23.84 1.78 -0.05	23.40 1.71 -0.08	22.79 1.71 -0.03	22.79 1.71 0.00	23.63 1.81 0.00	26.99 2.09 0.00	33.27 2.52 0.00	46.49 3.03 -8.29	53.23 2.57 -20.41	40.14 2.38 -9.39	31.67 1.77 -8.10	26.99 1.42 -5.24	23.77 0.76 -12.16	21.85 0.61 -12.07
CE_NYC2_DRP 24202	21.08 1.50 -1.32	18.19 1.10 -2.78	18.42 1.00 -3.97	18.33 1.01 -3.14	18.45 1.09 -1.37	20.05 1.33 0.00	30.66 2.18 -0.19	39.20 2.54 -6.72	32.96 2.23 -4.48	24.67 2.08 0.00	24.15 2.07 -0.08	28.24 1.95 -4.68	30.17 1.94 -7.18	30.13 1.94 -7.11	30.48 2.03 -6.63	31.93 2.37 -4.67	33.52 2.77 0.00	46.90 3.38 -8.35	53.64 2.84 -20.55	40.43 2.61 -9.45	31.90 1.94 -8.16	27.23 1.63 -5.28	24.02 0.92 -12.25	22.06 0.73 -12.16
CE_NYC_DRP 24195	21.05 1.46 -1.32	18.15 1.06 -2.78	18.39 0.97 -3.97	18.32 0.99 -3.14	18.45 1.09 -1.37	20.09 1.37 0.00	30.77 2.29 -0.19	39.35 2.69 -6.72	33.07 2.34 -4.48	24.73 2.15 0.00	24.20 2.11 -0.08	28.21 2.05 -4.55	30.07 2.04 -6.97	30.03 2.04 -6.90	30.42 2.16 -6.44	31.92 2.49 -4.53	33.73 2.98 0.00	47.04 3.52 -8.35	53.82 3.02 -20.55	40.63 2.81 -9.45	32.01 2.05 -8.16	27.29 1.69 -5.28	24.01 0.91 -12.25	22.04 0.71 -12.16
CHAFFEE___LFGE 323603	18.69 0.04 -0.38	15.21 0.09 -0.81	14.70 0.09 -1.16	15.23 0.13 -0.91	16.62 0.22 -0.40	19.62 0.90 0.00	28.74 0.40 -0.06	31.81 -0.09 -1.96	27.56 0.00 -1.31	23.02 0.43 0.00	22.80 0.79 0.00	22.52 0.91 0.00	21.92 0.86 0.00	21.88 0.80 0.00	22.63 0.81 0.00	25.42 0.52 0.00	31.36 0.61 0.00	37.41 -0.11 -2.34	35.87 -0.12 -5.75	30.79 -0.23 -2.64	24.02 -0.07 -2.28	21.68 -0.12 -1.48	14.33 0.05 -3.43	12.69 0.13 -3.40
CHATEAUG_35_KV_LOAD 355732	17.46 -0.80 0.00	13.71 -0.60 0.00	12.87 -0.58 0.00	13.59 -0.60 0.00	15.28 -0.72 0.00	17.68 -1.03 0.01	26.93 -1.36 0.00	28.65 -1.29 0.00	25.39 -0.87 0.00	22.07 -0.52 0.00	21.59 -0.42 0.00	21.20 -0.41 0.00	20.70 -0.36 0.00	20.70 -0.38 0.00	21.42 -0.39 0.00	24.47 -0.42 0.00	30.29 -0.46 0.00	34.40 -0.77 0.00	29.67 -0.57 0.00	28.11 -0.26 0.00	21.28 -0.52 0.00	19.70 -0.63 0.00	8.77 -0.46 1.62	8.76 -0.40 0.00
CHATEAUG_WT_PWR 323614	17.48 -0.78 0.00	13.71 -0.60 0.00	12.87 -0.58 0.00	13.58 -0.61 0.00	15.28 -0.72 0.00	17.67 -1.05 0.01	26.90 -1.39 0.00	28.62 -1.32 0.00	25.36 -0.89 0.00	22.05 -0.54 0.00	21.59 -0.42 0.00	21.20 -0.41 0.00	20.70 -0.36 0.00	20.70 -0.38 0.00	21.40 -0.42 0.00	24.45 -0.45 0.00	30.29 -0.46 0.00	34.33 -0.84 0.00	29.67 -0.58 0.00	28.14 -0.23 0.00	21.30 -0.50 0.00	19.74 -0.59 0.00	8.73 -0.46 1.66	8.76 -0.40 0.00
CHAT_HIGH_FALL_HYD 323578	17.46 -0.80 0.00	13.71 -0.60 0.00	12.87 -0.58 0.00	13.59 -0.60 0.00	15.28 -0.72 0.00	17.68 -1.03 0.01	26.93 -1.36 0.00	28.65 -1.29 0.00	25.39 -0.87 0.00	22.07 -0.52 0.00	21.59 -0.42 0.00	21.20 -0.41 0.00	20.70 -0.36 0.00	20.70 -0.38 0.00	21.43 -0.39 0.00	24.47 -0.42 0.00	30.29 -0.46 0.00	34.40 -0.77 0.00	29.67 -0.58 0.00	28.11 -0.26 0.00	21.28 -0.52 0.00	19.69 -0.63 0.00	8.77 -0.46 1.62	8.76 -0.40 0.00
CHAUTAUQUA___LFGE 323629	18.84 0.18 -0.39	15.34 0.22 -0.81	14.83 0.21 -1.16	15.38 0.27 -0.92	16.80 0.40 -0.40	19.81 1.09 0.00	29.08 0.73 -0.06	32.27 0.36 -1.97	27.93 0.37 -1.31	23.31 0.72 0.00	23.08 1.08 0.00	22.82 1.21 0.00	22.21 1.16 0.00	22.16 1.07 0.00	22.89 1.07 0.00	25.74 0.85 0.00	31.73 0.98 0.00	37.92 0.39 -2.35	36.25 0.21 -5.79	31.06 0.03 -2.66	24.21 0.11 -2.30	21.79 -0.02 -1.49	14.39 0.10 -3.45	12.73 0.15 -3.42
CHERRYST_13_KV_LD 356241	21.08 1.50 -1.32	18.19 1.10 -2.78	18.42 1.00 -3.97	18.35 1.02 -3.14	18.49 1.12 -1.37	20.14 1.42 0.00	30.83 2.35 -0.19	39.44 2.78 -6.72	33.15 2.42 -4.48	24.80 2.21 0.00	24.29 2.20 -0.08	28.30 2.14 -4.55	30.13 2.11 -6.97	30.11 2.13 -6.90	30.48 2.23 -6.44	32.02 2.59 -4.53	33.85 3.11 0.00	47.19 3.66 -8.35	53.91 3.12 -20.55	40.71 2.89 -9.45	32.08 2.11 -8.16	27.33 1.73 -5.28	24.04 0.94 -12.25	22.07 0.74 -12.16
CHESTROR_138KV_BK263 355645	20.54 1.10 -1.18	17.59 0.80 -2.47	17.71 0.73 -3.54	17.73 0.75 -2.79	18.05 0.83 -1.22	19.75 1.03 0.00	30.07 1.61 -0.17	37.81 1.89 -5.99	31.87 1.63 -3.99	24.01 1.42 0.00	23.43 1.39 -0.04	23.01 1.34 -0.06	22.40 1.33 -0.02	22.43 1.35 0.00	23.24 1.42 0.00	26.56 1.67 0.00	32.81 2.06 0.00	45.12 2.50 -7.44	50.68 2.12 -18.32	38.75 1.96 -8.42	30.51 1.44 -7.27	26.19 1.16 -4.71	22.37 0.61 -10.91	20.50 0.50 -10.83
CH_MIDHUDSON___DRP 24192	20.77 1.17 -1.33	17.99 0.87 -2.81	18.26 0.79 -4.01	18.18 0.82 -3.17	18.29 0.91 -1.38	19.86 1.14 0.00	30.29 1.81 -0.20	38.83 2.10 -6.79	32.59 1.81 -4.53	24.15 1.56 0.00	23.58 1.54 -0.03	23.13 1.47 -0.05	22.53 1.45 -0.02	22.56 1.48 0.00	23.37 1.55 0.00	26.74 1.84 0.00	32.99 2.24 0.00	46.33 2.71 -8.44	53.35 2.33 -20.78	40.05 2.13 -9.55	31.64 1.59 -8.25	26.95 1.28 -5.34	23.90 0.67 -12.38	22.02 0.56 -12.29

CH_MISC_IPPS 23765	20.87 1.30 -1.31	18.01 0.94 -2.75	18.26 0.87 -3.93	18.20 0.91 -3.11	18.36 1.01 -1.35	19.96 1.24 0.00	30.46 1.98 -0.19	38.84 2.25 -6.66	32.63 1.94 -4.44	24.24 1.65 0.00	23.65 1.61 -0.04	23.23 1.56 -0.06	22.61 1.54 -0.02	22.64 1.56 0.00	23.48 1.66 0.00	26.84 1.94 0.00	33.12 2.37 0.00	46.48 2.99 -8.32	53.32 2.60 -20.47	40.14 2.35 -9.41	31.65 1.72 -8.13	26.95 1.36 -5.26	23.76 0.72 -12.20	21.87 0.60 -12.11
CH_RES_BVR_FALLS 23983	17.53 -0.73 0.00	13.78 -0.53 0.00	12.95 -0.50 0.00	13.68 -0.51 0.00	15.41 -0.59 0.00	17.98 -0.73 0.01	27.30 -0.99 0.00	29.01 -0.93 0.00	25.52 -0.73 0.00	22.00 -0.59 0.00	21.48 -0.53 0.00	21.12 -0.50 0.00	20.57 -0.48 0.00	20.58 -0.51 0.00	21.29 -0.52 0.00	24.30 -0.60 0.00	30.04 -0.71 0.00	34.30 -0.88 0.00	29.37 -0.88 0.00	27.46 -0.91 0.00	20.95 -0.85 0.00	19.43 -0.89 0.00	7.21 -0.51 3.13	8.72 -0.44 0.00
CH_RES_NIAGARA 23895	18.32 -0.31 -0.36	14.92 -0.16 -0.76	14.40 -0.13 -1.09	14.92 -0.13 -0.86	16.30 -0.08 -0.37	18.93 0.21 0.00	27.92 -0.42 -0.05	30.76 -1.02 -1.84	26.67 -0.81 -1.23	22.00 -0.59 0.00	21.83 -0.18 0.00	21.53 -0.09 0.00	20.97 -0.08 0.00	20.94 -0.15 0.00	21.64 -0.18 0.00	24.32 -0.57 0.00	29.89 -0.86 0.00	36.08 -1.30 -2.20	34.48 -1.18 -5.42	29.72 -1.14 -2.49	23.25 -0.70 -2.15	21.07 -0.65 -1.39	13.91 -0.16 -3.23	12.33 -0.04 -3.20
CH_RES_SYRACUSE 23985	18.88 0.31 -0.30	15.19 0.24 -0.64	14.59 0.23 -0.91	15.15 0.24 -0.72	16.65 0.34 -0.31	19.19 0.47 0.00	28.93 0.59 -0.04	31.95 0.48 -1.54	27.62 0.34 -1.03	22.90 0.32 0.00	22.34 0.33 0.00	21.96 0.34 0.00	21.37 0.32 0.00	21.42 0.34 0.00	22.15 0.33 0.00	25.22 0.32 0.00	31.15 0.40 0.00	37.37 0.35 -1.84	35.11 0.33 -4.53	30.77 0.31 -2.08	23.90 0.31 -1.80	21.86 0.37 -1.16	13.78 0.23 -2.70	12.04 0.19 -2.68
CLINTON_WT_PWR 323605	17.48 -0.78 0.00	13.71 -0.60 0.00	12.87 -0.58 0.00	13.58 -0.61 0.00	15.28 -0.72 0.00	17.67 -1.05 0.01	26.90 -1.39 0.00	28.62 -1.32 0.00	25.36 -0.89 0.00	22.05 -0.54 0.00	21.59 -0.42 0.00	21.20 -0.41 0.00	20.70 -0.36 0.00	20.70 -0.38 0.00	21.40 -0.42 0.00	24.45 -0.45 0.00	30.29 -0.46 0.00	34.33 -0.84 0.00	29.67 -0.58 0.00	28.14 -0.23 0.00	21.30 -0.50 0.00	19.74 -0.59 0.00	8.73 -0.46 1.66	8.76 -0.40 0.00
CLINTON__LFGE 323618	17.57 -0.69 0.00	13.80 -0.51 0.00	12.95 -0.50 0.00	13.68 -0.51 0.00	15.38 -0.62 0.00	17.72 -0.99 0.01	26.99 -1.30 0.00	28.77 -1.17 0.00	25.52 -0.73 0.00	22.20 -0.38 0.00	21.72 -0.29 0.00	21.33 -0.28 0.00	20.84 -0.21 0.00	20.83 -0.25 0.00	21.56 -0.26 0.00	24.62 -0.27 0.00	30.50 -0.25 0.00	34.51 -0.67 0.00	29.85 -0.39 0.00	28.43 0.06 0.00	21.47 -0.33 0.00	19.90 -0.43 0.00	8.83 -0.37 1.65	8.83 -0.33 0.00
COBBLENY_34_KV_TB1 80064	18.69 0.04 -0.38	15.21 0.09 -0.81	14.70 0.09 -1.16	15.23 0.13 -0.91	16.62 0.22 -0.40	19.62 0.90 0.00	28.71 0.37 -0.06	31.81 -0.09 -1.96	27.56 0.00 -1.31	23.02 0.43 0.00	22.71 0.70 0.00	22.52 0.91 0.00	21.92 0.86 0.00	21.88 0.80 0.00	22.62 0.81 0.00	25.44 0.55 0.00	31.18 0.43 0.00	37.51 -0.11 -2.43	36.12 -0.12 -5.99	30.90 -0.23 -2.76	24.11 -0.07 -2.38	21.70 -0.16 -1.54	14.47 0.05 -3.57	12.84 0.13 -3.54
COFFEEN__115KV_TB3 355620	18.44 0.02 -0.16	14.63 -0.01 -0.33	13.90 -0.03 -0.48	14.51 -0.06 -0.38	16.15 -0.02 -0.16	18.78 0.06 0.00	28.57 0.25 -0.02	30.98 0.24 -0.81	26.92 0.13 -0.54	22.54 -0.05 0.00	21.90 -0.11 0.00	21.42 -0.19 0.00	20.74 -0.32 0.00	20.74 -0.34 0.00	21.47 -0.35 0.00	24.55 -0.35 0.00	30.63 -0.12 0.00	36.32 0.14 -1.00	33.02 0.30 -2.47	29.82 0.31 -1.14	22.91 0.13 -0.98	21.12 0.16 -0.63	12.09 0.07 -1.18	10.67 0.05 -1.46
COLDSPRG_115KV_BK1 355956	18.90 0.24 -0.40	15.36 0.21 -0.83	14.87 0.23 -1.19	15.43 0.30 -0.94	16.86 0.45 -0.41	20.16 1.44 0.00	29.34 0.99 -0.06	32.68 0.72 -2.02	28.28 0.68 -1.35	23.85 1.26 0.00	23.52 1.52 0.00	23.32 1.71 0.00	22.68 1.62 0.00	22.60 1.52 0.00	23.32 1.51 0.00	26.26 1.37 0.00	32.32 1.57 0.00	38.46 0.77 -2.51	36.97 0.54 -6.19	31.55 0.34 -2.84	24.54 0.28 -2.46	22.00 0.08 -1.59	14.66 0.13 -3.69	12.98 0.16 -3.66
COLONIE_LFGE__ 323577	20.74 0.86 -1.62	18.42 0.70 -3.41	18.98 0.66 -4.87	18.73 0.70 -3.85	18.49 0.82 -1.68	19.75 1.03 0.00	30.16 1.64 -0.24	40.02 1.83 -8.25	33.36 1.60 -5.50	23.87 1.29 0.00	23.10 1.17 0.07	22.61 1.10 0.10	22.11 1.09 0.04	22.18 1.10 0.00	22.99 1.18 0.00	26.29 1.39 0.00	32.47 1.72 0.00	47.74 2.07 -10.49	57.85 1.78 -25.83	41.89 1.64 -11.87	33.34 1.29 -10.25	28.04 1.08 -6.64	26.75 0.51 -15.39	24.85 0.41 -15.28
COOPERNY_115KV_TB1 80082	20.10 0.90 -0.94	16.95 0.66 -1.98	16.89 0.61 -2.83	17.05 0.62 -2.24	17.68 0.70 -0.97	19.58 0.86 0.00	29.75 1.33 -0.14	36.29 1.56 -4.79	30.79 1.34 -3.20	23.76 1.17 0.00	23.18 1.14 -0.03	22.78 1.12 -0.04	22.16 1.09 -0.01	22.20 1.12 0.00	23.00 1.18 0.00	26.26 1.37 0.00	32.44 1.69 0.00	43.14 2.01 -5.95	46.63 1.72 -14.66	36.70 1.59 -6.74	28.80 1.18 -5.82	25.07 0.98 -3.77	20.09 0.51 -8.73	18.26 0.42 -8.67
COPENHAGEN_WT_PWR 323753	18.34 -0.09 -0.16	14.57 -0.09 -0.35	13.85 -0.09 -0.49	14.46 -0.11 -0.39	16.08 -0.10 -0.17	18.68 -0.04 0.00	28.37 0.06 -0.02	30.80 0.03 -0.84	26.76 -0.05 -0.56	22.43 -0.16 0.00	21.79 -0.22 0.00	21.33 -0.28 0.00	20.68 -0.38 0.00	20.68 -0.40 0.00	21.40 -0.42 0.00	24.45 -0.45 0.00	30.44 -0.31 0.00	36.07 -0.11 -1.00	32.74 0.03 -2.47	29.56 0.06 -1.13	22.74 -0.04 -0.98	20.98 0.02 -0.63	12.04 0.00 -1.19	10.61 -0.01 -1.46
CORNELL____ 23752	19.42 0.69 -0.46	15.83 0.54 -0.97	15.35 0.51 -1.39	15.82 0.54 -1.10	17.17 0.69 -0.48	19.69 0.97 0.00	29.71 1.36 -0.07	33.64 1.35 -2.35	28.92 1.10 -1.57	23.54 0.95 0.00	22.93 0.92 0.00	22.54 0.93 0.00	21.90 0.84 0.00	21.97 0.89 0.00	22.71 0.89 0.00	25.89 1.00 0.00	32.07 1.32 0.00	39.54 1.44 -2.92	38.73 1.30 -7.19	32.87 1.19 -3.31	25.59 0.94 -2.85	23.05 0.87 -1.85	15.61 0.48 -4.28	13.81 0.39 -4.25
CORONAAV_69_KV_TB1 355595	22.75 1.66 -2.82	21.10 1.25 -5.54	20.44 1.14 -5.85	20.63 1.19 -5.25	22.49 1.31 -5.17	24.01 1.63 -3.66	31.73 2.57 -0.87	39.59 2.93 -6.72	33.31 2.57 -4.48	30.25 2.30 -5.36	27.30 2.29 -3.01	28.14 2.23 -4.30	27.82 2.21 -4.56	27.77 2.21 -4.47	28.63 2.33 -4.47	29.37 2.69 -1.79	37.58 3.29 -3.54	50.77 3.83 -11.75	56.07 3.27 -22.55	44.44 3.04 -13.03	39.75 2.29 -15.66	29.85 1.89 -7.63	28.63 1.01 -16.77	26.43 0.82 -16.44
CORTLAND_115KV_TB3 80093	19.19 0.53 -0.39	15.54 0.40 -0.82	15.02 0.39 -1.18	15.53 0.41 -0.93	16.92 0.51 -0.40	19.47 0.75 0.00	29.36 1.02 -0.06	32.92 0.99 -1.99	28.37 0.79 -1.33	23.29 0.70 0.00	22.71 0.70 0.00	22.33 0.71 0.00	21.71 0.65 0.00	21.76 0.67 0.00	22.49 0.68 0.00	25.64 0.75 0.00	31.70 0.95 0.00	38.67 1.02 -2.47	37.27 0.94 -6.09	32.02 0.85 -2.80	24.89 0.68 -2.42	22.54 0.65 -1.56	14.83 0.36 -3.63	13.07 0.30 -3.60

COXSACKIE___GT 23611	20.77 0.99 -1.51	18.24 0.74 -3.18	18.70 0.70 -4.55	18.52 0.74 -3.60	18.45 0.88 -1.57	19.92 1.20 0.00	30.57 2.06 -0.22	39.59 1.94 -7.71	33.02 1.63 -5.14	23.85 1.26 0.00	23.15 1.17 0.02	22.61 1.04 0.04	22.07 1.03 0.01	22.07 0.99 0.00	22.95 1.13 0.00	26.26 1.37 0.00	32.69 1.94 0.00	47.47 2.57 -9.72	56.51 2.33 -23.93	41.39 2.01 -11.01	32.81 1.50 -9.50	27.63 1.16 -6.15	25.55 0.44 -14.26	23.73 0.40 -14.16
CPV_VALLEY___CC1 323721	20.38 1.02 -1.10	17.36 0.74 -2.31	17.44 0.69 -3.30	17.50 0.71 -2.61	17.92 0.78 -1.13	19.69 0.97 0.00	29.97 1.53 -0.16	37.29 1.77 -5.59	31.50 1.52 -3.72	23.94 1.36 0.00	23.36 1.32 -0.04	22.96 1.30 -0.06	22.36 1.28 -0.02	22.37 1.29 0.00	23.17 1.35 0.00	26.49 1.59 0.00	32.69 1.94 0.00	44.45 2.32 -6.95	49.34 2.00 -17.10	38.08 1.84 -7.86	29.94 1.35 -6.79	25.82 1.10 -4.40	21.61 0.57 -10.19	19.76 0.48 -10.12
CPV_VALLEY___CC2 323722	20.38 1.02 -1.10	17.36 0.74 -2.31	17.44 0.69 -3.30	17.50 0.71 -2.61	17.92 0.78 -1.13	19.69 0.97 0.00	29.97 1.53 -0.16	37.29 1.77 -5.59	31.50 1.52 -3.72	23.94 1.36 0.00	23.36 1.32 -0.04	22.96 1.30 -0.06	22.36 1.28 -0.02	22.37 1.29 0.00	23.17 1.35 0.00	26.49 1.59 0.00	32.69 1.94 0.00	44.45 2.32 -6.95	49.34 2.00 -17.10	38.08 1.84 -7.86	29.94 1.35 -6.79	25.82 1.10 -4.40	21.61 0.57 -10.19	19.76 0.48 -10.12
CRESCENT___HYD 24018	20.74 0.86 -1.62	18.42 0.70 -3.41	18.98 0.66 -4.87	18.73 0.70 -3.85	18.49 0.82 -1.68	19.75 1.03 0.00	30.16 1.64 -0.24	40.02 1.83 -8.25	33.36 1.60 -5.50	23.87 1.29 0.00	23.10 1.17 0.07	22.61 1.10 0.10	22.11 1.09 0.04	22.18 1.10 0.00	22.99 1.18 0.00	26.29 1.39 0.00	32.47 1.72 0.00	47.74 2.07 -10.49	57.85 1.78 -25.83	41.89 1.64 -11.87	33.34 1.29 -10.25	28.04 1.08 -6.64	26.75 0.51 -15.39	24.85 0.41 -15.28
CRICKET___VALLEY_CC1 323756	20.61 0.97 -1.38	17.96 0.74 -2.90	18.28 0.67 -4.16	18.18 0.71 -3.28	18.21 0.78 -1.43	19.71 0.99 0.00	29.99 1.50 -0.20	38.77 1.80 -7.03	32.52 1.57 -4.69	23.92 1.33 0.00	22.39 1.25 0.87	21.52 1.21 1.30	21.78 1.20 0.47	22.30 1.22 0.00	23.07 1.29 0.03	26.46 1.57 0.00	32.59 1.84 0.00	46.19 2.22 -8.79	53.77 1.88 -21.65	40.08 1.76 -9.96	31.73 1.33 -8.60	26.97 1.08 -5.56	24.31 0.56 -12.90	22.46 0.49 -12.81
CRICKET___VALLEY_CC2 323757	20.61 0.97 -1.38	17.96 0.74 -2.90	18.28 0.67 -4.16	18.18 0.71 -3.28	18.21 0.78 -1.43	19.71 0.99 0.00	29.99 1.50 -0.20	38.77 1.80 -7.03	32.52 1.57 -4.69	23.92 1.33 0.00	22.39 1.25 0.87	21.52 1.21 1.30	21.78 1.20 0.47	22.30 1.22 0.00	23.07 1.29 0.03	26.46 1.57 0.00	32.59 1.84 0.00	46.19 2.22 -8.79	53.77 1.88 -21.65	40.08 1.76 -9.96	31.73 1.33 -8.60	26.97 1.08 -5.56	24.31 0.56 -12.90	22.46 0.49 -12.81
CRICKET___VALLEY_CC3 323758	20.61 0.97 -1.38	17.96 0.74 -2.90	18.28 0.67 -4.16	18.18 0.71 -3.28	18.21 0.78 -1.43	19.71 0.99 0.00	29.99 1.50 -0.20	38.77 1.80 -7.03	32.52 1.57 -4.69	23.92 1.33 0.00	22.39 1.25 0.87	21.52 1.21 1.30	21.78 1.20 0.47	22.30 1.22 0.00	23.07 1.29 0.03	26.46 1.57 0.00	32.59 1.84 0.00	46.19 2.22 -8.79	53.77 1.88 -21.65	40.08 1.76 -9.96	31.73 1.33 -8.60	26.97 1.08 -5.56	24.31 0.56 -12.90	22.46 0.49 -12.81
CRUCIBLE_METL_DRP 24180	18.88 0.31 -0.30	15.19 0.24 -0.64	14.59 0.23 -0.91	15.15 0.24 -0.72	16.65 0.34 -0.31	19.19 0.47 0.00	28.93 0.59 -0.04	31.96 0.48 -1.54	27.62 0.34 -1.03	22.90 0.32 0.00	22.34 0.33 0.00	21.96 0.35 0.00	21.37 0.32 0.00	21.42 0.34 0.00	22.14 0.33 0.00	25.22 0.32 0.00	31.12 0.37 0.00	37.44 0.35 -1.91	35.29 0.33 -4.71	30.85 0.31 -2.16	23.97 0.31 -1.87	21.92 0.39 -1.21	13.88 0.23 -2.81	12.14 0.19 -2.79
DAHOWA___HYDRO 323763	20.98 1.08 -1.64	18.61 0.86 -3.44	19.24 0.87 -4.92	18.98 0.91 -3.89	18.83 1.14 -1.69	20.16 1.44 0.00	30.87 2.35 -0.24	40.84 2.58 -8.33	34.01 2.21 -5.55	24.40 1.81 0.00	23.58 1.63 0.05	23.02 1.49 0.08	22.50 1.47 0.03	22.58 1.50 0.00	23.41 1.59 0.00	26.79 1.89 0.00	33.06 2.31 0.00	48.57 2.75 -10.65	58.91 2.45 -26.21	42.61 2.18 -12.05	33.91 1.70 -10.41	28.48 1.42 -6.74	27.11 0.64 -15.62	25.18 0.51 -15.51
DANC___LFGE 323619	18.37 -0.09 -0.20	14.64 -0.09 -0.41	13.96 -0.08 -0.59	14.55 -0.10 -0.46	16.12 -0.08 -0.20	18.70 -0.02 0.00	28.32 0.00 -0.03	30.87 -0.06 -0.99	26.76 -0.16 -0.66	22.36 -0.23 0.00	21.76 -0.24 0.00	21.35 -0.26 0.00	20.72 -0.34 0.00	20.74 -0.34 0.00	21.45 -0.37 0.00	24.45 -0.45 0.00	30.38 -0.37 0.00	36.09 -0.28 -1.19	33.03 -0.15 -2.93	29.58 -0.14 -1.35	22.83 -0.13 -1.16	21.06 -0.02 -0.75	12.40 -0.01 -1.56	10.89 -0.01 -1.73
DANSKAMMER___1 23586	20.87 1.30 -1.31	18.01 0.94 -2.75	18.26 0.87 -3.93	18.20 0.91 -3.11	18.36 1.01 -1.35	19.96 1.24 0.00	30.46 1.98 -0.19	38.84 2.25 -6.66	32.63 1.94 -4.44	24.24 1.65 0.00	23.65 1.61 -0.04	23.23 1.56 -0.06	22.61 1.54 -0.02	22.64 1.56 0.00	23.48 1.66 0.00	26.84 1.94 0.00	33.12 2.37 0.00	46.48 2.99 -8.32	53.32 2.60 -20.47	40.14 2.35 -9.41	31.65 1.72 -8.13	26.95 1.36 -5.26	23.76 0.72 -12.20	21.87 0.60 -12.11
DANSKAMMER___2 23589	20.87 1.30 -1.31	18.01 0.94 -2.75	18.26 0.87 -3.93	18.20 0.91 -3.11	18.36 1.01 -1.35	19.96 1.24 0.00	30.46 1.98 -0.19	38.84 2.25 -6.66	32.63 1.94 -4.44	24.24 1.65 0.00	23.65 1.61 -0.04	23.23 1.56 -0.06	22.61 1.54 -0.02	22.64 1.56 0.00	23.48 1.66 0.00	26.84 1.94 0.00	33.12 2.37 0.00	46.48 2.99 -8.32	53.32 2.60 -20.47	40.14 2.35 -9.41	31.65 1.72 -8.13	26.95 1.36 -5.26	23.76 0.72 -12.20	21.87 0.60 -12.11
DANSKAMMER___3 23590	20.87 1.30 -1.31	18.01 0.94 -2.75	18.26 0.87 -3.93	18.20 0.91 -3.11	18.36 1.01 -1.35	19.96 1.24 0.00	30.46 1.98 -0.19	38.84 2.25 -6.66	32.63 1.94 -4.44	24.24 1.65 0.00	23.65 1.61 -0.04	23.23 1.56 -0.06	22.61 1.54 -0.02	22.64 1.56 0.00	23.48 1.66 0.00	26.84 1.94 0.00	33.12 2.37 0.00	46.48 2.99 -8.32	53.32 2.60 -20.47	40.14 2.35 -9.41	31.65 1.72 -8.13	26.95 1.36 -5.26	23.76 0.72 -12.20	21.87 0.60 -12.11
DANSKAMMER___4 23591	20.87 1.30 -1.31	18.01 0.94 -2.75	18.26 0.87 -3.93	18.20 0.91 -3.11	18.36 1.01 -1.35	19.96 1.24 0.00	30.46 1.98 -0.19	38.84 2.25 -6.66	32.63 1.94 -4.44	24.24 1.65 0.00	23.65 1.61 -0.04	23.23 1.56 -0.06	22.61 1.54 -0.02	22.64 1.56 0.00	23.48 1.66 0.00	26.84 1.94 0.00	33.12 2.37 0.00	46.48 2.99 -8.32	53.32 2.60 -20.47	40.14 2.35 -9.41	31.65 1.72 -8.13	26.95 1.36 -5.26	23.76 0.72 -12.20	21.87 0.60 -12.11
DANSKAMMER___DIESEL 23592	20.87 1.30 -1.31	18.01 0.94 -2.75	18.26 0.87 -3.93	18.20 0.91 -3.11	18.36 1.01 -1.35	19.96 1.24 0.00	30.46 1.98 -0.19	38.84 2.25 -6.66	32.63 1.94 -4.44	24.24 1.65 0.00	23.68 1.63 -0.04	23.23 1.56 -0.06	22.61 1.54 -0.02	22.64 1.56 0.00	23.48 1.66 0.00	26.84 1.94 0.00	33.15 2.40 0.00	46.44 2.99 -8.27	53.21 2.60 -20.37	40.09 2.35 -9.37	31.61 1.72 -8.09	26.94 1.38 -5.23	23.69 0.71 -12.14	21.81 0.60 -12.05

DARBY___SOLAR 323810	20.96 1.06 -1.63	18.58 0.83 -3.43	19.20 0.83 -4.91	18.95 0.88 -3.88	18.78 1.09 -1.69	20.09 1.37 0.00	30.73 2.21 -0.24	40.68 2.42 -8.32	33.90 2.10 -5.55	24.30 1.72 0.00	23.51 1.56 0.06	22.98 1.45 0.08	22.46 1.43 0.03	22.52 1.43 0.00	23.34 1.53 0.00	26.71 1.82 0.00	32.96 2.22 0.00	48.45 2.64 -10.63	58.74 2.33 -26.16	42.50 2.10 -12.03	33.82 1.64 -10.39	28.41 1.36 -6.72	27.07 0.63 -15.59	25.15 0.50 -15.48
DASHVILLE___HYD 23610	20.50 0.90 -1.34	17.76 0.63 -2.81	18.04 0.56 -4.03	17.95 0.58 -3.18	18.03 0.64 -1.38	19.75 1.03 0.00	30.12 1.64 -0.20	38.22 1.47 -6.81	32.06 1.26 -4.54	23.92 1.33 0.00	23.50 1.47 -0.02	23.07 1.43 -0.03	22.47 1.41 -0.01	22.39 1.31 0.00	23.19 1.37 0.00	26.54 1.64 0.00	32.75 2.00 0.00	45.75 2.11 -8.47	52.90 1.81 -20.84	39.60 1.65 -9.58	31.25 1.18 -8.27	26.55 0.87 -5.36	23.75 0.49 -12.42	21.91 0.41 -12.33
DEERFIELD_69_KV_DEERFIELD LD 355887	23.39 2.30 -2.82	21.57 1.72 -5.54	20.91 1.61 -5.85	21.14 1.70 -5.25	22.98 1.81 -5.17	24.74 2.36 -3.66	32.80 3.65 -0.87	41.03 4.37 -6.72	36.71 4.02 -6.44	31.52 3.52 -5.40	28.51 3.45 -3.05	29.24 3.33 -4.30	29.02 3.37 -4.60	29.01 3.42 -4.52	29.89 3.56 -4.52	34.68 3.96 -5.82	39.16 4.83 -3.58	64.52 5.59 -23.75	106.52 4.84 -71.43	120.42 4.45 -87.59	40.88 3.38 -15.70	35.26 3.03 -11.90	34.02 1.38 -21.79	26.81 1.16 -16.48
DELAWARE___LFGE 323621	19.89 0.82 -0.80	16.63 0.63 -1.68	16.46 0.61 -2.41	16.71 0.62 -1.90	17.57 0.74 -0.83	19.66 0.94 0.00	29.82 1.41 -0.12	35.57 1.56 -4.08	30.31 1.34 -2.72	23.72 1.13 0.00	23.13 1.12 0.00	22.69 1.08 0.00	22.11 1.05 0.00	22.14 1.05 0.00	22.93 1.11 0.00	26.16 1.27 0.00	32.38 1.63 0.00	42.04 1.79 -5.06	44.25 1.54 -12.47	35.58 1.48 -5.73	27.86 1.11 -4.95	24.48 0.96 -3.20	18.77 0.50 -7.43	16.95 0.41 -7.37
DERFIELD_115KV_TB7 355931	18.39 0.09 -0.03	14.45 0.07 -0.07	13.62 0.07 -0.10	14.34 0.07 -0.08	16.12 0.08 -0.03	18.83 0.11 0.00	28.46 0.17 0.00	30.28 0.18 -0.17	26.52 0.16 -0.11	22.70 0.11 0.00	22.09 0.09 0.00	21.70 0.09 0.00	21.14 0.08 0.00	21.17 0.08 0.00	21.90 0.09 0.00	25.02 0.12 0.00	30.90 0.15 0.00	35.60 0.21 -0.21	30.93 0.18 -0.51	28.74 0.14 -0.23	22.11 0.11 -0.20	20.56 0.10 -0.13	11.30 0.05 -0.40	9.50 0.04 -0.30
DOGLEVILLE___HYD 23807	18.83 0.53 -0.03	14.80 0.42 -0.07	13.92 0.38 -0.10	14.66 0.40 -0.08	16.50 0.46 -0.03	19.30 0.58 0.00	29.20 0.90 0.00	30.88 0.78 -0.17	27.02 0.66 -0.11	23.13 0.54 0.00	22.53 0.53 0.00	22.15 0.54 0.00	21.52 0.46 0.00	21.53 0.44 0.00	22.25 0.44 0.00	25.39 0.50 0.00	31.42 0.68 0.00	36.15 0.77 -0.20	31.37 0.64 -0.49	29.16 0.57 -0.22	22.39 0.39 -0.19	20.86 0.41 -0.13	11.52 0.28 -0.39	9.69 0.24 -0.29
DUNKIRK___115KV_TB_200 55889	18.85 0.20 -0.39	15.34 0.21 -0.81	14.84 0.23 -1.16	15.38 0.27 -0.92	16.80 0.40 -0.40	19.79 1.07 0.00	29.02 0.68 -0.06	32.24 0.33 -1.97	27.93 0.37 -1.31	23.29 0.70 0.00	22.97 0.97 0.00	22.78 1.17 0.00	22.19 1.14 0.00	22.14 1.05 0.00	22.86 1.05 0.00	25.74 0.85 0.00	31.52 0.77 0.00	37.98 0.35 -2.45	36.48 0.21 -6.03	31.20 0.06 -2.77	24.30 0.11 -2.39	21.85 -0.02 -1.55	14.55 0.11 -3.59	12.89 0.16 -3.56
DUNKIRK___1 23563	18.85 0.20 -0.39	15.34 0.21 -0.81	14.84 0.23 -1.16	15.38 0.27 -0.92	16.80 0.40 -0.40	19.79 1.07 0.00	29.02 0.68 -0.06	32.24 0.33 -1.97	27.93 0.37 -1.31	23.29 0.70 0.00	22.97 0.97 0.00	22.78 1.17 0.00	22.19 1.14 0.00	22.14 1.05 0.00	22.86 1.05 0.00	25.74 0.85 0.00	31.52 0.77 0.00	37.98 0.35 -2.45	36.48 0.21 -6.03	31.20 0.06 -2.77	24.30 0.11 -2.39	21.85 -0.02 -1.55	14.55 0.11 -3.59	12.89 0.16 -3.56
DUNKIRK___2 23564	18.85 0.20 -0.39	15.34 0.21 -0.81	14.84 0.23 -1.16	15.38 0.27 -0.92	16.80 0.40 -0.40	19.79 1.07 0.00	29.02 0.68 -0.06	32.24 0.33 -1.97	27.93 0.37 -1.31	23.29 0.70 0.00	22.97 0.97 0.00	22.78 1.17 0.00	22.19 1.14 0.00	22.14 1.05 0.00	22.86 1.05 0.00	25.74 0.85 0.00	31.52 0.77 0.00	37.98 0.35 -2.45	36.48 0.21 -6.03	31.20 0.06 -2.77	24.30 0.11 -2.39	21.85 -0.02 -1.55	14.55 0.11 -3.59	12.89 0.16 -3.56
DUNKIRK___3 23565	18.82 0.16 -0.39	15.31 0.19 -0.81	14.82 0.20 -1.16	15.35 0.24 -0.92	16.75 0.35 -0.40	19.75 1.03 0.00	28.94 0.59 -0.06	32.15 0.24 -1.97	27.85 0.29 -1.31	23.24 0.66 0.00	22.93 0.92 0.00	22.71 1.10 0.00	22.11 1.05 0.00	22.07 0.99 0.00	22.80 0.98 0.00	25.69 0.80 0.00	31.46 0.71 0.00	37.84 0.21 -2.45	36.39 0.12 -6.03	31.11 -0.03 -2.77	24.26 0.07 -2.39	21.83 -0.04 -1.55	14.54 0.10 -3.59	12.88 0.15 -3.57
DUNKIRK___4 23566	18.79 0.15 -0.38	15.30 0.19 -0.80	14.79 0.19 -1.15	15.32 0.23 -0.91	16.75 0.35 -0.40	19.73 1.01 0.00	28.91 0.57 -0.06	32.09 0.21 -1.95	27.81 0.26 -1.30	23.20 0.61 0.00	22.89 0.88 0.00	22.67 1.06 0.00	22.09 1.03 0.00	22.03 0.95 0.00	22.78 0.96 0.00	25.64 0.75 0.00	31.39 0.65 0.00	37.81 0.21 -2.42	36.29 0.09 -5.95	31.05 -0.06 -2.74	24.21 0.04 -2.36	21.79 -0.06 -1.53	14.48 0.09 -3.55	12.83 0.15 -3.52
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	20.92 1.33 -1.32	18.08 0.99 -2.77	18.32 0.90 -3.97	18.25 0.92 -3.14	18.39 1.02 -1.37	20.01 1.29 0.00	30.57 2.09 -0.19	39.14 2.48 -6.72	32.89 2.15 -4.48	24.53 1.94 0.00	23.98 1.91 -0.06	23.55 1.86 -0.08	22.94 1.85 -0.03	22.94 1.86 0.00	23.76 1.94 0.00	27.16 2.27 0.00	33.45 2.71 0.00	46.73 3.20 -8.35	53.55 2.75 -20.55	40.34 2.52 -9.45	31.84 1.87 -8.16	27.13 1.52 -5.28	23.91 0.81 -12.25	21.97 0.65 -12.16
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	20.66 1.15 -1.24	17.78 0.84 -2.62	17.96 0.77 -3.74	17.94 0.79 -2.96	18.17 0.88 -1.29	19.81 1.09 0.00	30.20 1.73 -0.18	38.25 1.98 -6.34	32.18 1.71 -4.22	24.06 1.47 0.00	23.50 1.45 -0.04	23.08 1.40 -0.06	22.47 1.39 -0.02	22.49 1.41 0.00	23.30 1.48 0.00	26.64 1.74 0.00	32.90 2.15 0.00	45.65 2.60 -7.87	51.86 2.24 -19.38	39.35 2.07 -8.91	31.02 1.53 -7.69	26.52 1.22 -4.98	23.03 0.64 -11.55	21.16 0.53 -11.46
E179THST_138_KV_TB4_REV_LBMP_J 345001	21.10 1.52 -1.32	18.21 1.12 -2.78	18.44 1.02 -3.97	18.35 1.02 -3.14	18.47 1.10 -1.37	20.01 1.29 0.00	30.57 2.09 -0.19	39.05 2.40 -6.72	32.83 2.10 -4.48	24.55 1.97 0.00	24.03 1.96 -0.06	23.54 1.84 -0.09	22.93 1.83 -0.04	22.95 1.86 -0.01	23.75 1.92 -0.01	27.14 2.24 -0.01	33.36 2.61 0.00	46.76 3.24 -8.35	53.49 2.69 -20.55	40.32 2.50 -9.45	31.81 1.85 -8.16	27.13 1.52 -5.28	23.99 0.90 -12.25	22.07 0.75 -12.16
E179THST_13_KV_LOAD 356214	21.17 1.59 -1.32	18.25 1.16 -2.78	18.48 1.06 -3.97	18.39 1.06 -3.14	18.52 1.15 -1.37	20.09 1.37 0.00	30.69 2.21 -0.19	39.20 2.54 -6.72	32.96 2.23 -4.48	24.67 2.08 0.00	24.12 2.05 -0.06	23.65 1.95 -0.09	23.04 1.94 -0.04	23.03 1.94 -0.01	23.84 2.01 -0.01	27.27 2.37 -0.01	33.52 2.77 0.00	46.94 3.41 -8.35	53.67 2.87 -20.55	40.46 2.64 -9.45	31.90 1.94 -8.16	27.21 1.61 -5.28	24.05 0.95 -12.25	22.11 0.79 -12.16

EAST HAMPTON___GT 23717	23.60 2.50 -2.83	21.71 1.86 -5.54	21.06 1.76 -5.85	21.29 1.84 -5.25	23.16 1.98 -5.17	24.95 2.56 -3.67	33.15 3.99 -0.88	41.48 4.82 -6.72	37.10 4.41 -6.44	31.83 3.84 -5.40	28.84 3.79 -3.05	29.55 3.63 -4.31	29.34 3.68 -4.61	29.32 3.71 -4.52	30.22 3.88 -4.52	35.20 4.48 -5.82	39.62 5.29 -3.58	65.06 6.09 -23.80	107.04 5.26 -71.53	120.88 4.88 -87.63	41.21 3.66 -15.74	35.49 3.23 -11.93	34.21 1.51 -21.86	26.98 1.27 -16.55
EAST RIVER___6 23660	21.08 1.50 -1.32	18.19 1.10 -2.78	18.42 1.00 -3.97	18.35 1.02 -3.14	18.49 1.12 -1.37	20.14 1.42 0.00	30.83 2.35 -0.19	39.44 2.78 -6.72	33.15 2.41 -4.48	24.80 2.21 0.00	24.26 2.18 -0.08	28.30 2.14 -4.55	30.15 2.13 -6.97	30.14 2.15 -6.90	30.50 2.25 -6.44	32.04 2.61 -4.53	33.85 3.10 0.00	47.26 3.69 -8.39	54.05 3.15 -20.66	40.79 2.92 -9.50	32.12 2.11 -8.20	27.36 1.73 -5.31	24.10 0.94 -12.31	22.13 0.74 -12.22
EAST RIVER___7 23524	21.08 1.50 -1.32	18.19 1.10 -2.78	18.42 1.00 -3.97	18.35 1.02 -3.14	18.49 1.12 -1.37	20.14 1.42 0.00	30.83 2.35 -0.19	39.44 2.78 -6.72	33.15 2.41 -4.48	24.80 2.21 0.00	24.26 2.18 -0.08	28.30 2.14 -4.55	30.15 2.13 -6.97	30.14 2.15 -6.90	30.50 2.25 -6.44	32.04 2.61 -4.53	33.85 3.10 0.00	47.26 3.69 -8.39	54.05 3.15 -20.66	40.79 2.92 -9.50	32.12 2.11 -8.20	27.36 1.73 -5.31	24.10 0.94 -12.31	22.13 0.74 -12.22
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	20.88 1.30 -1.32	18.04 0.96 -2.77	18.29 0.87 -3.96	18.23 0.91 -3.13	18.36 0.99 -1.36	19.98 1.25 0.00	30.49 2.01 -0.19	39.04 2.40 -6.71	32.80 2.07 -4.47	24.46 1.87 0.00	23.91 1.85 -0.06	23.47 1.77 -0.08	22.85 1.77 -0.03	22.85 1.77 0.00	23.70 1.88 0.00	27.06 2.17 0.00	33.36 2.61 0.00	46.61 3.10 -8.34	53.43 2.66 -20.52	40.25 2.44 -9.44	31.76 1.81 -8.15	27.08 1.48 -5.27	23.86 0.78 -12.23	21.94 0.63 -12.14
EAST_HAMPTON___DIESEL 23722	23.60 2.50 -2.83	21.71 1.86 -5.54	21.06 1.76 -5.85	21.29 1.84 -5.25	23.16 1.98 -5.17	24.95 2.56 -3.67	33.18 4.02 -0.88	41.51 4.85 -6.72	37.10 4.41 -6.44	31.83 3.84 -5.40	28.84 3.79 -3.05	29.55 3.63 -4.31	29.34 3.68 -4.61	29.34 3.73 -4.52	30.22 3.88 -4.52	35.20 4.48 -5.82	39.65 5.32 -3.58	65.09 6.12 -23.80	107.07 5.29 -71.53	120.91 4.91 -87.63	41.23 3.69 -15.74	35.49 3.23 -11.93	34.21 1.51 -21.86	26.98 1.27 -16.55
EAST_PULASKI___ESR 323781	18.41 -0.07 -0.22	14.72 -0.06 -0.47	14.07 -0.05 -0.67	14.66 -0.06 -0.53	16.20 -0.03 -0.23	18.74 0.02 0.00	28.32 0.00 -0.03	30.89 -0.18 -1.13	26.74 -0.26 -0.76	22.34 -0.25 0.00	21.74 -0.26 0.00	21.35 -0.26 0.00	20.76 -0.29 0.00	20.81 -0.27 0.00	21.51 -0.31 0.00	24.50 -0.40 0.00	30.29 -0.46 0.00	36.13 -0.46 -1.41	33.38 -0.33 -3.46	29.65 -0.31 -1.59	22.98 -0.20 -1.38	21.15 -0.06 -0.89	12.81 0.00 -1.97	11.21 0.00 -2.05
EAST_RIVER___1 323558	21.05 1.46 -1.32	18.15 1.06 -2.78	18.39 0.97 -3.97	18.32 0.99 -3.14	18.46 1.09 -1.37	20.09 1.37 0.00	30.77 2.29 -0.19	39.35 2.70 -6.72	33.07 2.34 -4.48	24.73 2.15 0.00	24.18 2.09 -0.08	28.21 2.05 -4.55	30.07 2.04 -6.97	30.03 2.04 -6.90	30.42 2.16 -6.44	31.94 2.51 -4.53	33.70 2.95 0.00	47.09 3.52 -8.39	53.93 3.02 -20.66	40.68 2.81 -9.50	32.05 2.05 -8.20	27.30 1.67 -5.31	24.07 0.91 -12.31	22.10 0.72 -12.22
EAST_RIVER___2 323559	21.08 1.50 -1.32	18.19 1.10 -2.78	18.42 1.00 -3.97	18.35 1.02 -3.14	18.49 1.12 -1.37	20.14 1.42 0.00	30.83 2.35 -0.19	39.44 2.78 -6.72	33.15 2.41 -4.48	24.80 2.21 0.00	24.26 2.18 -0.08	28.30 2.14 -4.55	30.15 2.13 -6.97	30.14 2.15 -6.90	30.50 2.25 -6.44	32.04 2.61 -4.53	33.85 3.10 0.00	47.26 3.69 -8.39	54.05 3.15 -20.66	40.79 2.92 -9.50	32.12 2.11 -8.20	27.36 1.73 -5.31	24.10 0.94 -12.31	22.13 0.74 -12.22
EAST___DELAWARE_HYD 23607	20.71 1.30 -1.15	17.66 0.93 -2.42	17.77 0.86 -3.46	17.80 0.88 -2.74	18.18 0.99 -1.19	19.90 1.18 0.00	30.35 1.90 -0.17	37.81 2.01 -5.86	31.86 1.71 -3.91	24.03 1.45 0.00	23.46 1.43 -0.03	23.06 1.40 -0.04	22.46 1.39 -0.01	22.47 1.39 0.00	23.28 1.46 0.00	26.61 1.72 0.00	32.90 2.15 0.00	45.23 2.75 -7.31	50.59 2.36 -17.99	38.79 2.15 -8.27	30.51 1.57 -7.14	26.19 1.24 -4.62	22.26 0.69 -10.72	20.40 0.60 -10.64
EIGHT_POINT___WT_PWR 323820	19.19 0.49 -0.43	15.64 0.42 -0.91	15.15 0.39 -1.31	15.66 0.44 -1.03	17.07 0.62 -0.45	19.98 1.25 0.00	29.71 1.36 -0.06	33.23 1.08 -2.21	28.67 0.94 -1.47	23.69 1.11 0.00	23.30 1.30 0.00	22.95 1.34 0.00	22.32 1.26 0.00	22.33 1.24 0.00	23.04 1.22 0.00	26.04 1.15 0.00	32.29 1.54 0.00	38.97 1.16 -2.63	37.66 0.94 -6.48	32.11 0.77 -2.98	25.05 0.68 -2.57	22.52 0.53 -1.66	15.02 0.31 -3.86	13.29 0.29 -3.83
ELBRIDGE_115KV_TB2 80188	18.91 0.33 -0.32	15.22 0.24 -0.67	14.65 0.24 -0.95	15.20 0.26 -0.75	16.67 0.34 -0.33	19.21 0.49 0.00	28.96 0.62 -0.05	32.09 0.54 -1.61	27.75 0.42 -1.08	22.95 0.36 0.00	22.38 0.37 0.00	22.02 0.41 0.00	21.43 0.38 0.00	21.48 0.40 0.00	22.21 0.39 0.00	25.29 0.40 0.00	31.21 0.46 0.00	37.64 0.46 -2.00	35.60 0.42 -4.93	31.01 0.37 -2.27	24.13 0.37 -1.96	22.00 0.41 -1.27	14.01 0.23 -2.94	12.28 0.19 -2.92
ELEC_TRO_TEK 24086	22.68 1.59 -2.82	21.05 1.20 -5.54	20.39 1.09 -5.85	20.57 1.13 -5.25	22.44 1.26 -5.17	23.93 1.55 -3.66	31.64 2.49 -0.87	39.59 2.93 -6.72	33.29 2.55 -4.49	30.25 2.30 -5.36	27.28 2.27 -3.01	28.12 2.20 -4.30	27.80 2.19 -4.56	27.75 2.19 -4.47	28.58 2.29 -4.47	29.33 2.64 -1.79	37.45 3.17 -3.54	50.68 3.73 -11.77	56.05 3.18 -22.63	44.47 2.95 -13.15	39.68 2.22 -15.66	29.84 1.87 -7.64	28.58 0.95 -16.78	26.38 0.78 -16.44
ELLENBURG_WT_PWR 323604	17.48 -0.78 0.00	13.71 -0.60 0.00	12.87 -0.58 0.00	13.58 -0.61 0.00	15.28 -0.72 0.00	17.67 -1.05 0.01	26.90 -1.39 0.00	28.62 -1.32 0.00	25.36 -0.89 0.00	22.05 -0.54 0.00	21.59 -0.42 0.00	21.20 -0.41 0.00	20.70 -0.36 0.00	20.70 -0.38 0.00	21.40 -0.42 0.00	24.45 -0.45 0.00	30.29 -0.46 0.00	34.33 -0.84 0.00	29.67 -0.58 0.00	28.14 -0.23 0.00	21.30 -0.50 0.00	19.74 -0.59 0.00	8.73 -0.46 1.66	8.76 -0.40 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	18.66 0.02 -0.37	15.20 0.10 -0.79	14.68 0.11 -1.12	15.20 0.13 -0.89	16.61 0.22 -0.39	19.47 0.75 0.00	28.60 0.25 -0.05	31.60 -0.24 -1.90	27.42 -0.11 -1.27	22.79 0.20 0.00	22.47 0.46 0.00	22.26 0.65 0.00	21.69 0.63 0.00	21.65 0.57 0.00	22.38 0.57 0.00	25.19 0.30 0.00	30.81 0.06 0.00	37.23 -0.32 -2.37	35.77 -0.30 -5.82	30.65 -0.40 -2.68	23.94 -0.17 -2.31	21.60 -0.22 -1.50	14.36 0.04 -3.47	12.73 0.12 -3.45
EMPIRE_CC_1 323656	20.61 0.80 -1.55	18.22 0.66 -3.25	18.70 0.61 -4.65	18.51 0.65 -3.67	18.34 0.74 -1.60	19.64 0.92 0.00	29.96 1.44 -0.23	39.42 1.62 -7.87	32.94 1.44 -5.25	23.74 1.15 0.00	22.95 1.06 0.12	22.43 0.99 0.17	21.98 0.99 0.06	22.09 1.01 0.00	22.90 1.09 0.00	26.19 1.29 0.00	32.32 1.57 0.00	46.93 1.86 -9.89	56.20 1.60 -24.35	41.04 1.47 -11.20	32.62 1.15 -9.67	27.54 0.96 -6.26	25.82 0.47 -14.51	23.96 0.38 -14.41

EMPIRE_CC_2 323658	20.61 0.80 -1.55	18.22 0.66 -3.25	18.70 0.61 -4.65	18.51 0.65 -3.67	18.34 0.74 -1.60	19.64 0.92 0.00	29.96 1.44 -0.23	39.42 1.62 -7.87	32.94 1.44 -5.25	23.74 1.15 0.00	22.95 1.06 0.12	22.43 0.99 0.17	21.98 0.99 0.06	22.09 1.01 0.00	22.90 1.09 0.00	26.19 1.29 0.00	32.32 1.57 0.00	46.93 1.86 -9.89	56.20 1.60 -24.35	41.04 1.47 -11.20	32.62 1.15 -9.67	27.54 0.96 -6.26	25.82 0.47 -14.51	23.96 0.38 -14.41
ENORWICH_115KV_TB1 80156	20.26 1.41 -0.59	16.63 1.07 -1.24	16.25 1.02 -1.78	16.64 1.05 -1.41	17.91 1.30 -0.61	20.52 1.80 0.00	31.17 2.80 -0.09	35.89 2.93 -3.01	30.70 2.44 -2.01	24.53 1.94 0.00	23.88 1.87 0.00	23.43 1.82 0.00	22.68 1.62 0.00	22.75 1.67 0.00	23.54 1.72 0.00	26.91 2.02 0.00	33.61 2.86 0.00	42.34 3.41 -3.75	42.43 2.96 -9.22	35.33 2.72 -4.24	27.40 1.94 -3.66	24.42 1.73 -2.37	17.23 0.89 -5.49	15.34 0.72 -5.45
ERIE_ST__34_KV_TB1-2 80199	18.55 -0.09 -0.38	15.10 -0.01 -0.80	14.59 0.00 -1.14	15.12 0.03 -0.90	16.51 0.11 -0.39	19.73 1.01 0.00	28.60 0.25 -0.06	31.63 -0.24 -1.93	27.41 -0.13 -1.29	23.15 0.56 0.00	22.84 0.84 0.00	22.65 1.04 0.00	22.04 0.99 0.00	22.01 0.93 0.00	22.76 0.94 0.00	25.62 0.72 0.00	31.42 0.68 0.00	37.37 -0.21 -2.40	35.89 -0.27 -5.92	30.72 -0.37 -2.72	23.98 -0.17 -2.35	21.56 -0.28 -1.52	14.36 -0.01 -3.53	12.72 0.05 -3.50
ERIE_WT_PWR 323693	18.72 0.07 -0.38	15.24 0.13 -0.79	14.72 0.13 -1.14	15.26 0.17 -0.90	16.66 0.27 -0.39	19.62 0.90 0.00	28.77 0.42 -0.06	31.77 -0.09 -1.92	27.53 0.00 -1.28	22.97 0.38 0.00	22.75 0.75 0.00	22.45 0.84 0.00	21.87 0.82 0.00	21.84 0.76 0.00	22.58 0.76 0.00	25.37 0.47 0.00	31.27 0.52 0.00	37.37 -0.11 -2.29	35.74 -0.15 -5.65	30.71 -0.26 -2.60	23.98 -0.07 -2.24	21.66 -0.12 -1.45	14.29 0.08 -3.37	12.64 0.14 -3.34
ESPRGFLD_115KV_TB1 80157	20.08 1.00 -0.81	16.77 0.76 -1.70	16.59 0.71 -2.43	16.86 0.75 -1.92	17.72 0.88 -0.84	19.86 1.14 0.00	30.19 1.78 -0.12	36.03 1.98 -4.11	30.73 1.73 -2.74	24.01 1.42 0.00	23.41 1.41 0.00	22.97 1.36 0.00	22.34 1.28 0.00	22.37 1.29 0.00	23.17 1.35 0.00	26.44 1.54 0.00	32.78 2.03 0.00	42.65 2.36 -5.11	44.95 2.12 -12.58	36.08 1.93 -5.79	28.26 1.46 -5.00	24.84 1.28 -3.23	18.93 0.59 -7.50	17.08 0.47 -7.44
ETNA_115_KV_TB1_REV_LBMP_C 345029	19.40 0.68 -0.46	15.81 0.53 -0.97	15.33 0.50 -1.39	15.81 0.52 -1.09	17.13 0.66 -0.48	19.66 0.94 0.00	29.68 1.33 -0.07	33.57 1.29 -2.35	28.87 1.05 -1.56	23.51 0.93 0.00	22.91 0.90 0.00	22.50 0.89 0.00	21.88 0.82 0.00	21.92 0.84 0.00	22.69 0.87 0.00	25.87 0.97 0.00	32.01 1.26 0.00	39.50 1.41 -2.91	38.66 1.24 -7.17	32.80 1.13 -3.30	25.56 0.92 -2.85	23.02 0.85 -1.84	15.58 0.46 -4.27	13.79 0.38 -4.24
ETNA_____115KV_TB2 80207	19.40 0.68 -0.46	15.81 0.53 -0.97	15.33 0.50 -1.39	15.81 0.52 -1.09	17.13 0.66 -0.48	19.66 0.94 0.00	29.68 1.33 -0.07	33.57 1.29 -2.35	28.87 1.05 -1.56	23.51 0.93 0.00	22.91 0.90 0.00	22.50 0.89 0.00	21.88 0.82 0.00	21.92 0.84 0.00	22.69 0.87 0.00	25.87 0.97 0.00	32.01 1.26 0.00	39.50 1.41 -2.91	38.66 1.24 -7.17	32.80 1.13 -3.30	25.56 0.92 -2.85	23.02 0.85 -1.84	15.58 0.46 -4.27	13.79 0.38 -4.24
EUCLID__115KV_TB2 356179	18.57 0.04 -0.27	14.92 0.03 -0.57	14.30 0.03 -0.82	14.88 0.04 -0.65	16.36 0.08 -0.28	18.87 0.15 0.00	28.44 0.11 -0.04	31.27 -0.06 -1.39	27.07 -0.11 -0.92	22.50 -0.09 0.00	21.94 -0.07 0.00	21.57 -0.04 0.00	21.01 -0.04 0.00	21.06 -0.02 0.00	21.77 -0.04 0.00	24.77 -0.12 0.00	30.53 -0.22 0.00	36.62 -0.28 -1.72	34.28 -0.21 -4.24	30.09 -0.23 -1.95	23.42 -0.07 -1.68	21.46 0.04 -1.09	13.43 0.05 -2.53	11.72 0.05 -2.51
E_CANADA_CAP_HY 24051	20.84 0.93 -1.65	18.52 0.74 -3.46	19.14 0.74 -4.95	18.87 0.77 -3.91	18.65 0.94 -1.70	19.98 1.25 0.00	30.79 2.26 -0.24	40.93 2.60 -8.39	34.02 2.18 -5.59	24.30 1.72 0.00	23.37 1.41 0.04	22.76 1.21 0.06	22.04 1.01 0.02	22.11 1.03 0.00	22.97 1.16 0.00	26.36 1.47 0.00	32.87 2.12 0.00	50.99 2.60 -13.21	65.13 2.36 -32.53	45.45 2.13 -14.96	36.35 1.64 -12.91	30.13 1.44 -8.36	30.84 0.61 -19.38	28.87 0.47 -19.24
E_CANADA_MHWK_HY 24050	18.83 0.53 -0.03	14.80 0.42 -0.07	13.92 0.38 -0.10	14.66 0.40 -0.08	16.50 0.46 -0.03	19.30 0.58 0.00	29.20 0.90 0.00	30.88 0.78 -0.17	27.02 0.66 -0.11	23.13 0.54 0.00	22.53 0.53 0.00	22.15 0.54 0.00	21.52 0.46 0.00	21.53 0.44 0.00	22.25 0.44 0.00	25.39 0.50 0.00	31.42 0.68 0.00	36.15 0.77 -0.20	31.37 0.64 -0.49	29.16 0.57 -0.22	22.39 0.39 -0.19	20.86 0.41 -0.13	11.52 0.28 -0.39	9.69 0.24 -0.29
E_FISHKILL__LBMP 23776	20.74 1.13 -1.34	17.97 0.84 -2.81	18.26 0.78 -4.03	18.18 0.81 -3.18	18.28 0.90 -1.38	19.83 1.10 0.00	30.24 1.75 -0.20	38.85 2.10 -6.82	32.61 1.81 -4.55	24.17 1.58 0.00	23.62 1.56 -0.06	23.19 1.49 -0.08	22.58 1.49 -0.03	22.58 1.50 0.00	23.41 1.59 0.00	26.76 1.87 0.00	32.99 2.24 0.00	46.32 2.67 -8.47	53.36 2.27 -20.85	40.05 2.27 -9.59	31.65 1.57 -8.28	26.96 1.28 -5.36	23.94 0.67 -12.42	22.06 0.56 -12.33
FALCON__SEABRD_CC1 323796	17.61 -0.66 0.00	13.83 -0.49 0.00	12.98 -0.47 0.00	13.70 -0.48 0.00	15.41 -0.59 0.00	17.68 -1.03 0.01	26.93 -1.36 0.00	28.71 -1.23 0.00	25.46 -0.79 0.00	22.16 -0.43 0.00	21.68 -0.33 0.00	21.29 -0.32 0.00	20.80 -0.25 0.00	20.79 -0.30 0.00	21.51 -0.31 0.00	24.57 -0.32 0.00	30.41 -0.34 0.00	34.30 -0.88 0.00	29.79 -0.45 0.00	28.43 0.06 0.00	21.50 -0.31 0.00	19.92 -0.41 0.00	8.84 -0.36 1.65	8.84 -0.32 0.00
FALCON__SEABRD_CC2 323797	17.61 -0.66 0.00	13.83 -0.49 0.00	12.98 -0.47 0.00	13.70 -0.48 0.00	15.41 -0.59 0.00	17.68 -1.03 0.01	26.93 -1.36 0.00	28.71 -1.23 0.00	25.46 -0.79 0.00	22.16 -0.43 0.00	21.68 -0.33 0.00	21.29 -0.32 0.00	20.80 -0.25 0.00	20.79 -0.30 0.00	21.51 -0.31 0.00	24.57 -0.32 0.00	30.41 -0.34 0.00	34.30 -0.88 0.00	29.79 -0.45 0.00	28.43 0.06 0.00	21.50 -0.31 0.00	19.92 -0.41 0.00	8.84 -0.36 1.65	8.84 -0.32 0.00
FAR ROCKAWAY__4 23548	22.88 1.79 -2.82	21.20 1.35 -5.54	20.54 1.24 -5.85	20.71 1.28 -5.25	22.60 1.42 -5.17	24.16 1.78 -3.66	31.96 2.80 -0.87	39.83 3.17 -6.72	33.52 2.78 -4.48	30.43 2.48 -5.36	27.45 2.44 -3.01	28.31 2.40 -4.30	27.99 2.38 -4.56	27.96 2.40 -4.47	28.80 2.51 -4.47	29.59 2.91 -1.78	37.88 3.60 -3.54	51.08 4.15 -11.75	56.36 3.57 -22.54	44.68 3.29 -13.02	39.95 2.49 -15.66	30.01 2.05 -7.63	28.71 1.10 -16.77	26.49 0.89 -16.44
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	21.05 1.46 -1.32	18.15 1.06 -2.78	18.39 0.97 -3.97	18.32 0.99 -3.14	18.45 1.09 -1.37	20.09 1.37 0.00	30.74 2.26 -0.19	39.35 2.69 -6.72	33.04 2.31 -4.48	24.73 2.15 0.00	24.20 2.11 -0.08	28.23 2.05 -4.56	30.07 2.02 -7.00	30.05 2.04 -6.93	30.42 2.14 -6.46	31.93 2.49 -4.55	33.73 2.98 0.00	47.04 3.52 -8.35	53.82 3.02 -20.55	40.63 2.81 -9.45	32.01 2.05 -8.16	27.29 1.69 -5.28	24.01 0.91 -12.25	22.04 0.71 -12.16

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	21.05 1.46 -1.32	18.15 1.06 -2.78	18.39 0.97 -3.97	18.32 0.99 -3.14	18.45 1.09 -1.37	20.09 1.37 0.00	30.77 2.29 -0.19	39.35 2.69 -6.72	33.04 2.31 -4.48	24.73 2.15 0.00	24.20 2.11 -0.08	28.23 2.05 -4.56	30.07 2.02 -7.00	30.05 2.04 -6.93	30.42 2.14 -6.46	31.93 2.49 -4.55	33.73 2.98 0.00	47.04 3.52 -8.35	53.82 3.02 -20.55	40.63 2.81 -9.45	32.01 2.05 -8.16	27.29 1.69 -5.28	24.01 0.91 -12.25	22.04 0.71 -12.16
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	21.03 1.44 -1.32	18.15 1.06 -2.78	18.38 0.95 -3.97	18.30 0.98 -3.14	18.44 1.07 -1.37	20.09 1.37 0.00	30.74 2.26 -0.19	39.35 2.69 -6.72	33.04 2.31 -4.48	24.71 2.12 0.00	24.18 2.09 -0.08	28.20 2.03 -4.56	30.07 2.02 -7.00	30.05 2.04 -6.93	30.42 2.14 -6.46	31.91 2.46 -4.55	33.70 2.95 0.00	47.04 3.52 -8.35	53.79 2.99 -20.55	40.60 2.78 -9.45	32.01 2.05 -8.16	27.27 1.67 -5.28	23.99 0.90 -12.25	22.04 0.71 -12.16
FARRAGUT___LBMP 323566	21.03 1.44 -1.32	18.13 1.04 -2.78	18.38 0.95 -3.97	18.30 0.98 -3.14	18.44 1.07 -1.37	20.07 1.35 0.00	30.72 2.23 -0.19	39.32 2.66 -6.72	33.02 2.28 -4.48	24.69 2.10 0.00	24.18 2.09 -0.08	28.20 2.03 -4.56	30.05 2.00 -7.00	30.03 2.02 -6.93	30.39 2.12 -6.46	31.91 2.46 -4.55	33.67 2.92 0.00	47.01 3.48 -8.35	53.76 2.96 -20.55	40.57 2.75 -9.45	31.99 2.03 -8.16	27.25 1.65 -5.28	23.99 0.90 -12.25	22.03 0.71 -12.16
FENNER___WINDPWR 24204	19.03 0.49 -0.27	15.25 0.37 -0.56	14.60 0.35 -0.80	15.19 0.37 -0.63	16.74 0.46 -0.28	19.36 0.64 0.00	29.29 0.96 -0.04	32.23 0.93 -1.36	27.92 0.76 -0.91	23.20 0.61 0.00	22.60 0.59 0.00	22.20 0.58 0.00	21.58 0.53 0.00	21.61 0.53 0.00	22.36 0.55 0.00	25.52 0.62 0.00	31.64 0.89 0.00	37.85 1.05 -1.62	35.16 0.94 -3.98	31.08 0.88 -1.83	24.03 0.65 -1.58	21.96 0.61 -1.02	13.56 0.34 -2.37	11.79 0.27 -2.36
FIBERTEK___ENERGY 23856	18.88 0.31 -0.30	15.19 0.24 -0.64	14.59 0.23 -0.91	15.15 0.24 -0.72	16.65 0.34 -0.31	19.19 0.47 0.00	28.93 0.59 -0.04	31.96 0.48 -1.54	27.62 0.34 -1.03	22.90 0.32 0.00	22.34 0.33 0.00	21.96 0.35 0.00	21.37 0.32 0.00	21.42 0.34 0.00	22.14 0.33 0.00	25.22 0.32 0.00	31.12 0.37 0.00	37.44 0.35 -1.91	35.29 0.33 -4.71	30.85 0.31 -2.16	23.97 0.31 -1.87	21.92 0.39 -1.21	13.88 0.23 -2.81	12.14 0.19 -2.79
FITZPATRICK____ 23598	18.15 -0.31 -0.20	14.49 -0.24 -0.41	13.81 -0.23 -0.59	14.43 -0.23 -0.47	15.97 -0.24 -0.20	18.46 -0.26 0.00	27.81 -0.51 -0.03	30.20 -0.75 -1.00	26.21 -0.71 -0.67	21.98 -0.61 0.00	21.43 -0.57 0.00	21.07 -0.54 0.00	20.53 -0.53 0.00	20.56 -0.57 0.00	21.25 -0.70 0.00	24.20 -0.86 0.00	29.89 -1.02 0.00	35.36 -0.88 -1.21	32.34 -0.82 -2.97	28.91 -0.82 -1.37	22.43 -0.54 -1.18	20.70 -0.39 -0.76	12.45 -0.16 -1.77	10.78 -0.14 -1.76
FLOWRFLD_69_KV_BK1 356044	23.04 1.95 -2.82	21.30 1.45 -5.54	20.64 1.35 -5.85	20.84 1.40 -5.25	22.66 1.49 -5.17	24.31 1.93 -3.66	32.18 3.03 -0.87	40.22 3.56 -6.72	36.34 3.26 -6.83	30.91 2.91 -5.41	27.92 2.86 -3.06	28.68 2.77 -4.30	28.44 2.78 -4.61	28.41 2.80 -4.52	29.24 2.90 -4.52	34.80 3.29 -6.62	38.24 3.91 -3.59	65.87 4.57 -26.12	115.24 3.93 -81.06	134.29 3.63 -102.29	40.24 2.73 -15.71	35.45 2.38 -12.74	34.75 1.12 -22.78	26.61 0.95 -16.49
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	20.89 1.32 -1.31	18.03 0.96 -2.76	18.29 0.89 -3.95	18.23 0.92 -3.12	18.38 1.02 -1.36	19.96 1.24 0.00	30.49 2.01 -0.19	38.90 2.28 -6.69	32.68 1.97 -4.46	24.26 1.67 0.00	23.70 1.65 -0.04	23.25 1.58 -0.06	22.63 1.56 -0.02	22.66 1.58 0.00	23.50 1.68 0.00	26.86 1.97 0.00	33.18 2.43 0.00	46.51 3.03 -8.31	53.32 2.63 -20.45	40.15 2.38 -9.40	31.68 1.77 -8.12	26.98 1.40 -5.25	23.75 0.72 -12.18	21.86 0.60 -12.10
FORT ORANGE____ 23900	20.42 0.57 -1.59	18.11 0.46 -3.34	18.65 0.42 -4.78	18.42 0.45 -3.78	18.17 0.53 -1.64	19.41 0.69 0.00	29.65 1.13 -0.23	39.29 1.26 -8.09	32.72 1.08 -5.40	23.45 0.86 0.00	22.70 0.75 0.05	22.20 0.67 0.08	21.72 0.69 0.03	21.78 0.69 0.00	22.58 0.76 0.00	25.87 0.97 0.00	32.01 1.26 0.00	47.01 1.58 -10.24	56.85 1.39 -25.22	41.21 1.25 -11.60	32.79 0.98 -10.01	27.60 0.79 -6.48	26.22 0.35 -15.03	24.37 0.29 -14.92
FORT_DRUM_COGEN 23780	18.33 -0.09 -0.15	14.53 -0.10 -0.32	13.80 -0.11 -0.46	14.42 -0.13 -0.36	16.05 -0.11 -0.16	18.64 -0.07 0.00	28.34 0.03 -0.02	30.74 0.03 -0.77	26.71 -0.05 -0.52	22.43 -0.16 0.00	21.79 -0.22 0.00	21.33 -0.28 0.00	20.65 -0.40 0.00	20.66 -0.42 0.00	21.38 -0.44 0.00	24.42 -0.47 0.00	30.44 -0.31 0.00	36.03 -0.11 -0.96	32.67 0.06 -2.37	29.54 0.09 -1.09	22.70 -0.04 -0.94	20.93 0.00 -0.61	11.93 -0.01 -1.10	10.55 -0.02 -1.40
FPL_FAR_ROCK_GT1 24212	22.89 1.79 -2.83	21.20 1.35 -5.54	20.53 1.24 -5.85	20.72 1.28 -5.25	22.60 1.42 -5.17	24.15 1.76 -3.67	31.96 2.80 -0.88	39.83 3.17 -6.72	33.49 2.76 -4.48	30.43 2.48 -5.36	27.43 2.42 -3.01	28.32 2.40 -4.31	28.00 2.38 -4.57	27.97 2.40 -4.48	28.81 2.51 -4.48	29.59 2.91 -1.78	37.85 3.57 -3.54	51.12 4.15 -11.79	56.46 3.57 -22.65	44.75 3.32 -13.07	40.01 2.51 -15.70	30.06 2.07 -7.66	28.78 1.10 -16.84	26.56 0.89 -16.50
FPL_FAR_ROCK_GT2 23815	22.89 1.79 -2.83	21.20 1.35 -5.54	20.53 1.24 -5.85	20.72 1.28 -5.25	22.60 1.42 -5.17	24.15 1.76 -3.67	31.96 2.80 -0.88	39.83 3.17 -6.72	33.49 2.76 -4.48	30.43 2.48 -5.36	27.43 2.42 -3.01	28.32 2.40 -4.31	28.00 2.38 -4.57	27.97 2.40 -4.48	28.81 2.51 -4.48	29.59 2.91 -1.78	37.85 3.57 -3.54	51.12 4.15 -11.79	56.46 3.57 -22.65	44.75 3.32 -13.07	40.01 2.51 -15.70	30.06 2.07 -7.66	28.78 1.10 -16.84	26.56 0.89 -16.50
FRANKLIN_FALL_HYD 24054	17.50 -0.77 0.00	13.74 -0.57 0.00	12.91 -0.54 0.00	13.62 -0.57 0.00	15.28 -0.72 0.00	17.70 -1.01 0.01	26.93 -1.36 0.00	28.68 -1.26 0.00	25.46 -0.79 0.00	22.14 -0.45 0.00	21.63 -0.37 0.00	21.20 -0.41 0.00	20.63 -0.42 0.00	20.60 -0.48 0.00	21.32 -0.50 0.00	24.35 -0.55 0.00	30.16 -0.58 0.00	34.37 -0.81 0.00	29.58 -0.67 0.00	28.00 -0.37 0.00	21.19 -0.61 0.00	19.65 -0.67 0.00	8.87 -0.44 1.53	8.80 -0.37 0.00
FREEPORT_EQUS_GT1 23764	22.85 1.75 -2.83	21.15 1.30 -5.54	20.49 1.20 -5.85	20.69 1.25 -5.25	22.55 1.38 -5.17	24.11 1.72 -3.67	31.91 2.74 -0.88	39.83 3.17 -6.72	33.53 2.78 -4.50	30.46 2.51 -5.36	27.45 2.44 -3.01	28.34 2.42 -4.31	28.02 2.40 -4.57	27.97 2.40 -4.48	28.81 2.51 -4.48	29.62 2.91 -1.81	37.76 3.47 -3.54	51.13 4.08 -11.87	56.69 3.48 -22.96	45.14 3.23 -13.54	39.94 2.44 -15.70	30.03 2.01 -7.69	28.75 1.04 -16.87	26.53 0.86 -16.50
FREEPORT___CT2 23818	22.85 1.75 -2.83	21.15 1.30 -5.54	20.49 1.20 -5.85	20.69 1.25 -5.25	22.55 1.38 -5.17	24.11 1.72 -3.67	31.91 2.74 -0.88	39.83 3.17 -6.72	33.53 2.78 -4.50	30.46 2.51 -5.36	27.45 2.44 -3.01	28.34 2.42 -4.31	28.02 2.40 -4.57	27.97 2.40 -4.48	28.81 2.51 -4.48	29.62 2.91 -1.81	37.76 3.47 -3.54	51.13 4.08 -11.87	56.69 3.48 -22.96	45.14 3.23 -13.54	39.94 2.44 -15.70	30.03 2.01 -7.69	28.75 1.04 -16.87	26.53 0.86 -16.50

FRESHKLS_33_KV_LOAD 356253	21.38 1.79 -1.32	18.43 1.35 -2.78	18.67 1.25 -3.97	18.59 1.26 -3.14	18.74 1.38 -1.37	20.29 1.57 0.00	30.57 2.09 -0.19	32.49 2.40 -0.15	32.27 2.10 -3.92	24.69 2.10 0.00	24.18 2.09 -0.08	28.00 1.82 -4.57	29.89 1.83 -7.00	29.85 1.83 -6.93	30.22 1.94 -6.46	31.73 2.29 -4.54	32.78 2.61 0.58	33.00 3.31 5.48	32.92 2.75 0.08	32.80 2.52 -1.91	31.84 1.87 -8.16	27.42 1.81 -5.28	24.16 1.06 -12.25	22.21 0.89 -12.16
FULTON COGEN____ 23766	18.49 -0.02 -0.24	14.81 -0.01 -0.51	14.17 -0.01 -0.74	14.75 -0.01 -0.58	16.29 0.03 -0.25	18.78 0.06 0.00	28.32 0.00 -0.04	30.91 -0.27 -1.24	26.79 -0.29 -0.83	22.34 -0.25 0.00	21.76 -0.24 0.00	21.40 -0.22 0.00	20.84 -0.21 0.00	20.87 -0.21 0.00	21.58 -0.24 0.00	24.57 -0.32 0.00	30.35 -0.40 0.00	36.23 -0.49 -1.55	33.66 -0.39 -3.81	29.75 -0.37 -1.75	23.12 -0.20 -1.51	21.24 -0.06 -0.98	13.14 0.02 -2.27	11.43 0.02 -2.25
FULTON____LFGE 323630	21.41 1.50 -1.65	18.95 1.17 -3.46	19.55 1.14 -4.95	19.29 1.19 -3.91	19.18 1.47 -1.70	20.63 1.91 0.00	31.92 3.39 -0.24	41.56 3.23 -8.39	34.60 2.76 -5.59	24.82 2.24 0.00	23.81 1.85 0.04	23.17 1.62 0.06	22.57 1.54 0.02	22.70 1.62 0.00	23.61 1.79 0.00	27.09 2.19 0.00	33.82 3.07 0.00	51.24 3.62 -12.44	64.10 3.24 -30.62	45.34 2.90 -14.08	36.20 2.25 -12.15	30.10 1.91 -7.87	30.00 0.91 -18.24	27.99 0.72 -18.11
G.F.CEMENT____DRP 24184	21.07 1.17 -1.64	18.67 0.92 -3.44	19.35 0.97 -4.93	19.10 1.02 -3.89	19.01 1.31 -1.69	20.39 1.67 0.00	31.24 2.72 -0.24	41.27 2.99 -8.34	34.41 2.60 -5.56	24.73 2.15 0.00	23.89 1.94 0.05	23.33 1.79 0.08	22.77 1.75 0.03	22.83 1.75 0.00	23.69 1.88 0.00	27.09 2.19 0.00	33.39 2.64 0.00	48.60 3.06 -10.36	58.51 2.75 -25.51	42.54 2.44 -11.73	33.82 1.90 -10.13	28.45 1.57 -6.55	26.74 0.69 -15.20	24.80 0.55 -15.09
GARDENVILLE____LBMP 24039	18.66 0.02 -0.38	15.21 0.10 -0.79	14.69 0.11 -1.14	15.23 0.14 -0.90	16.62 0.22 -0.39	19.54 0.82 0.00	28.65 0.31 -0.06	31.71 -0.15 -1.92	27.48 -0.05 -1.28	22.88 0.29 0.00	22.58 0.57 0.00	22.37 0.76 0.00	21.79 0.74 0.00	21.76 0.67 0.00	22.47 0.65 0.00	25.29 0.40 0.00	30.96 0.22 0.00	37.36 -0.21 -2.39	35.89 -0.24 -5.89	30.74 -0.34 -2.71	24.01 -0.13 -2.34	21.63 -0.20 -1.51	14.40 0.04 -3.51	12.77 0.12 -3.48
GARDNVLA_35_KV_LD 355827	18.73 0.09 -0.38	15.25 0.14 -0.79	14.73 0.15 -1.14	15.27 0.18 -0.90	16.68 0.29 -0.39	19.64 0.92 0.00	28.77 0.42 -0.06	31.83 -0.03 -1.92	27.59 0.05 -1.28	23.02 0.43 0.00	22.71 0.70 0.00	22.50 0.89 0.00	21.92 0.86 0.00	21.88 0.80 0.00	22.60 0.79 0.00	25.44 0.55 0.00	31.15 0.40 0.00	37.50 -0.07 -2.39	36.04 -0.09 -5.88	30.88 -0.20 -2.71	24.09 -0.04 -2.34	21.72 -0.12 -1.51	14.44 0.09 -3.51	12.80 0.16 -3.48
GELCKHM__115KV_LOAD 80723	18.68 0.13 -0.28	15.01 0.10 -0.60	14.40 0.09 -0.85	14.96 0.10 -0.67	16.45 0.16 -0.29	18.96 0.24 0.00	28.61 0.28 -0.04	31.50 0.12 -1.44	27.27 0.05 -0.96	22.63 0.05 0.00	22.07 0.07 0.00	21.72 0.11 0.00	21.14 0.08 0.00	21.19 0.11 0.00	21.90 0.09 0.00	24.94 0.05 0.00	30.75 0.00 0.00	36.94 -0.04 -1.79	34.66 0.00 -4.41	30.37 -0.03 -2.03	23.62 0.07 -1.75	21.62 0.16 -1.13	13.59 0.11 -2.63	11.87 0.09 -2.61
GENERAL____MILLS 23808	18.70 0.05 -0.38	15.22 0.11 -0.79	14.71 0.12 -1.14	15.24 0.16 -0.90	16.65 0.26 -0.39	19.60 0.88 0.00	28.71 0.37 -0.06	31.77 -0.09 -1.92	27.53 0.00 -1.28	22.97 0.38 0.00	22.67 0.66 0.00	22.45 0.84 0.00	21.85 0.80 0.00	21.82 0.74 0.00	22.56 0.74 0.00	25.39 0.50 0.00	31.09 0.34 0.00	37.43 -0.14 -2.39	35.98 -0.15 -5.89	30.82 -0.26 -2.71	24.05 -0.09 -2.34	21.67 -0.16 -1.51	14.42 0.07 -3.51	12.78 0.14 -3.48
GE_PLASTICS____DRP 24183	20.46 0.60 -1.59	18.15 0.49 -3.35	18.70 0.46 -4.79	18.45 0.48 -3.78	18.19 0.54 -1.65	19.41 0.69 0.00	29.62 1.10 -0.23	39.27 1.23 -8.11	32.73 1.08 -5.41	23.47 0.88 0.00	22.78 0.81 0.04	22.29 0.73 0.06	21.79 0.76 0.02	21.84 0.76 0.00	22.65 0.83 0.00	25.89 1.00 0.00	32.04 1.29 0.00	46.73 1.48 -10.07	56.34 1.30 -24.79	40.96 1.19 -11.40	32.56 0.92 -9.84	27.45 0.75 -6.37	25.98 0.36 -14.77	24.13 0.30 -14.67
GILBOA____1 23756	20.29 0.71 -1.32	17.64 0.56 -2.77	17.97 0.56 -3.96	17.91 0.60 -3.13	18.03 0.67 -1.36	19.49 0.77 0.00	29.67 1.19 -0.19	37.99 1.35 -6.70	31.87 1.15 -4.47	23.58 0.99 0.00	22.95 0.95 0.00	22.54 0.93 0.00	21.96 0.90 0.00	22.01 0.93 0.00	22.80 0.98 0.00	26.04 1.15 0.00	32.13 1.38 0.00	44.95 1.44 -8.33	51.99 1.24 -20.51	39.02 1.22 -9.43	30.92 0.98 -8.14	26.41 0.81 -5.27	23.49 0.42 -12.22	21.65 0.36 -12.13
GILBOA____2 23757	20.29 0.71 -1.32	17.64 0.56 -2.77	17.97 0.56 -3.96	17.91 0.60 -3.13	18.03 0.67 -1.36	19.49 0.77 0.00	29.67 1.19 -0.19	37.99 1.35 -6.70	31.87 1.15 -4.47	23.58 0.99 0.00	22.95 0.95 0.00	22.54 0.93 0.00	21.96 0.90 0.00	22.01 0.93 0.00	22.80 0.98 0.00	26.04 1.15 0.00	32.13 1.38 0.00	44.95 1.44 -8.33	51.99 1.24 -20.51	39.02 1.22 -9.43	30.92 0.98 -8.14	26.41 0.81 -5.27	23.49 0.42 -12.22	21.65 0.36 -12.13
GILBOA____3 23758	20.29 0.71 -1.32	17.64 0.56 -2.77	17.97 0.56 -3.96	17.91 0.60 -3.13	18.03 0.67 -1.36	19.49 0.77 0.00	29.67 1.19 -0.19	37.99 1.35 -6.70	31.87 1.15 -4.47	23.58 0.99 0.00	22.95 0.95 0.00	22.54 0.93 0.00	21.96 0.90 0.00	22.01 0.93 0.00	22.80 0.98 0.00	26.04 1.15 0.00	32.13 1.38 0.00	44.95 1.44 -8.33	51.99 1.24 -20.51	39.02 1.22 -9.43	30.92 0.98 -8.14	26.41 0.81 -5.27	23.49 0.42 -12.22	21.65 0.36 -12.13
GILBOA____4 23759	20.29 0.71 -1.32	17.64 0.56 -2.77	17.97 0.56 -3.96	17.91 0.60 -3.13	18.03 0.67 -1.36	19.49 0.77 0.00	29.67 1.19 -0.19	37.99 1.35 -6.70	31.87 1.15 -4.47	23.58 0.99 0.00	22.95 0.95 0.00	22.54 0.93 0.00	21.96 0.90 0.00	22.01 0.93 0.00	22.80 0.98 0.00	26.04 1.15 0.00	32.13 1.38 0.00	44.95 1.44 -8.33	51.99 1.24 -20.51	39.02 1.22 -9.43	30.92 0.98 -8.14	26.41 0.81 -5.27	23.49 0.42 -12.22	21.65 0.36 -12.13
GILBOA____ 23599	20.29 0.71 -1.32	17.64 0.56 -2.77	17.97 0.56 -3.96	17.91 0.60 -3.13	18.03 0.67 -1.36	19.49 0.77 0.00	29.67 1.19 -0.19	37.99 1.35 -6.70	31.87 1.16 -4.47	23.58 0.99 0.00	22.95 0.95 0.00	22.54 0.93 0.00	21.96 0.91 0.00	22.01 0.93 0.00	22.80 0.98 0.00	26.04 1.15 0.00	32.16 1.41 0.00	44.94 1.44 -8.32	51.98 1.24 -20.49	39.01 1.22 -9.42	30.92 0.98 -8.14	26.40 0.81 -5.27	23.48 0.42 -12.21	21.65 0.36 -12.12
GINNA____ 23603	17.98 -0.60 -0.32	14.52 -0.47 -0.67	13.98 -0.43 -0.96	14.49 -0.45 -0.76	15.89 -0.45 -0.33	18.29 -0.43 0.00	27.54 -0.79 -0.05	30.52 -1.05 -1.63	26.50 -0.84 -1.09	21.71 -0.88 0.00	21.30 -0.71 0.00	20.96 -0.65 0.00	20.38 -0.67 0.00	20.41 -0.68 0.00	21.10 -0.72 0.00	23.97 -0.92 0.00	29.58 -1.17 0.00	35.72 -1.41 -1.95	33.90 -1.15 -4.80	29.41 -1.16 -2.21	22.90 -0.81 -1.91	20.83 -0.73 -1.23	13.38 -0.33 -2.86	11.76 -0.25 -2.84

GLEN PARK____ 23778	18.40 -0.02 -0.16	14.60 -0.04 -0.33	13.87 -0.05 -0.47	14.49 -0.07 -0.37	16.12 -0.05 -0.16	18.74 0.02 0.00	28.48 0.17 -0.02	30.92 0.18 -0.80	26.87 0.08 -0.54	22.50 -0.09 0.00	21.85 -0.15 0.00	21.40 -0.22 0.00	20.72 -0.34 0.00	20.72 -0.36 0.00	21.45 -0.37 0.00	24.50 -0.40 0.00	30.56 -0.18 0.00	36.21 0.07 -0.96	32.85 0.24 -2.37	29.71 0.25 -1.09	22.81 0.07 -0.94	21.04 0.10 -0.61	12.01 0.04 -1.12	10.59 0.03 -1.40
GLENDALDE_27_KV_LOAD 356172	21.14 1.55 -1.32	18.23 1.15 -2.78	18.46 1.04 -3.97	18.37 1.05 -3.14	18.50 1.14 -1.37	20.11 1.39 0.00	30.74 2.26 -0.19	39.32 2.66 -6.72	33.07 2.34 -4.48	24.78 2.19 0.00	24.24 2.16 -0.08	28.33 2.03 -4.68	30.26 2.02 -7.18	30.24 2.04 -7.11	30.57 2.12 -6.63	32.03 2.46 -4.67	33.64 2.89 0.00	47.08 3.55 -8.35	53.79 2.99 -20.55	40.57 2.75 -9.45	32.01 2.05 -8.16	27.31 1.71 -5.28	24.06 0.97 -12.25	22.09 0.77 -12.16
GLENWOOD_IC_1_G5 23712	22.79 1.70 -2.82	21.13 1.27 -5.54	20.47 1.17 -5.85	20.64 1.21 -5.25	22.52 1.34 -5.17	24.04 1.67 -3.66	31.84 2.69 -0.87	39.80 3.14 -6.72	33.48 2.73 -4.49	30.39 2.44 -5.36	27.43 2.42 -3.01	28.29 2.38 -4.30	27.95 2.34 -4.56	27.92 2.36 -4.47	28.76 2.47 -4.47	29.54 2.84 -1.81	37.73 3.44 -3.54	51.04 4.05 -11.82	56.52 3.45 -22.83	45.03 3.21 -13.45	39.86 2.40 -15.66	30.00 2.01 -7.66	28.68 1.03 -16.80	26.44 0.83 -16.44
GLENWOOD_IC_2_G1 23688	22.74 1.64 -2.83	21.08 1.23 -5.54	20.43 1.13 -5.85	20.62 1.18 -5.25	22.47 1.30 -5.17	24.00 1.61 -3.67	31.76 2.60 -0.88	39.68 3.02 -6.72	33.36 2.62 -4.48	30.32 2.37 -5.36	27.32 2.31 -3.01	28.21 2.29 -4.31	27.87 2.25 -4.57	27.84 2.28 -4.48	28.68 2.38 -4.48	29.42 2.74 -1.79	37.58 3.29 -3.54	50.84 3.87 -11.80	56.23 3.33 -22.66	44.54 3.09 -13.08	39.81 2.31 -15.70	29.90 1.91 -7.66	28.67 0.99 -16.84	26.48 0.81 -16.50
GLENWOOD_IC_3_G1 23689	22.74 1.64 -2.83	21.08 1.23 -5.54	20.43 1.13 -5.85	20.62 1.18 -5.25	22.47 1.30 -5.17	24.00 1.61 -3.67	31.76 2.60 -0.88	39.68 3.02 -6.72	33.36 2.62 -4.48	30.32 2.37 -5.36	27.32 2.31 -3.01	28.21 2.29 -4.31	27.87 2.25 -4.57	27.84 2.28 -4.48	28.68 2.38 -4.48	29.42 2.74 -1.79	37.58 3.29 -3.54	50.84 3.87 -11.80	56.23 3.33 -22.66	44.54 3.09 -13.08	39.81 2.31 -15.70	29.90 1.91 -7.66	28.67 0.99 -16.84	26.48 0.81 -16.50
GLENWOOD____4 23550	22.79 1.70 -2.82	21.13 1.27 -5.54	20.47 1.17 -5.85	20.64 1.21 -5.25	22.52 1.34 -5.17	24.04 1.67 -3.66	31.84 2.69 -0.87	39.80 3.14 -6.72	33.48 2.73 -4.49	30.39 2.44 -5.36	27.43 2.42 -3.01	28.29 2.38 -4.30	27.95 2.34 -4.56	27.92 2.36 -4.47	28.76 2.47 -4.47	29.54 2.84 -1.81	37.73 3.44 -3.54	51.04 4.05 -11.82	56.52 3.45 -22.83	45.03 3.21 -13.45	39.86 2.40 -15.66	30.00 2.01 -7.66	28.68 1.03 -16.80	26.44 0.83 -16.44
GLENWOOD____5 23614	22.79 1.70 -2.82	21.13 1.27 -5.54	20.47 1.17 -5.85	20.64 1.21 -5.25	22.52 1.34 -5.17	24.04 1.67 -3.66	31.84 2.69 -0.87	39.80 3.14 -6.72	33.48 2.73 -4.49	30.39 2.44 -5.36	27.43 2.42 -3.01	28.29 2.38 -4.30	27.95 2.34 -4.56	27.92 2.36 -4.47	28.76 2.47 -4.47	29.54 2.84 -1.81	37.73 3.44 -3.54	51.04 4.05 -11.82	56.52 3.45 -22.83	45.03 3.21 -13.45	39.86 2.40 -15.66	30.00 2.01 -7.66	28.68 1.03 -16.80	26.44 0.83 -16.44
GLOBAL GREEN_PORT_GT1 23814	23.56 2.46 -2.83	21.68 1.83 -5.54	21.02 1.72 -5.85	21.26 1.82 -5.25	23.13 1.95 -5.17	24.90 2.51 -3.67	33.09 3.93 -0.88	41.33 4.67 -6.72	36.95 4.25 -6.44	31.70 3.70 -5.40	28.71 3.65 -3.05	29.42 3.50 -4.31	29.22 3.56 -4.61	29.21 3.60 -4.52	30.10 3.75 -4.52	35.05 4.33 -5.82	39.46 5.13 -3.58	64.92 5.95 -23.79	106.91 5.14 -71.52	120.75 4.76 -87.62	41.12 3.58 -15.74	35.36 3.11 -11.93	34.19 1.49 -21.86	26.97 1.26 -16.55
GLOBE____DSASP 323697	18.26 -0.37 -0.36	14.89 -0.19 -0.76	14.38 -0.16 -1.09	14.89 -0.16 -0.86	16.25 -0.13 -0.37	18.87 0.15 0.00	27.86 -0.48 -0.05	30.67 -1.11 -1.84	26.61 -0.87 -1.23	21.96 -0.63 0.00	21.68 -0.33 0.00	21.46 -0.15 0.00	20.91 -0.15 0.00	20.87 -0.21 0.00	21.58 -0.24 0.00	24.27 -0.62 0.00	29.61 -1.14 0.00	36.09 -1.37 -2.29	34.64 -1.24 -5.63	29.77 -1.19 -2.59	23.27 -0.76 -2.24	21.04 -0.73 -1.45	14.01 -0.20 -3.36	12.43 -0.06 -3.33
GOETHSLN____LBMP 323567	20.92 1.33 -1.32	18.05 0.96 -2.78	18.28 0.86 -3.97	18.20 0.88 -3.14	18.33 0.96 -1.37	19.96 1.24 0.00	30.57 2.09 -0.19	39.11 2.45 -6.72	32.83 2.10 -4.48	24.58 1.99 0.00	24.04 1.96 -0.08	28.10 1.92 -4.56	29.95 1.89 -7.00	29.93 1.92 -6.93	30.28 2.01 -6.46	31.76 2.32 -4.55	33.52 2.77 0.00	46.76 3.24 -8.35	53.58 2.78 -20.55	40.40 2.58 -9.45	31.86 1.90 -8.16	27.15 1.54 -5.28	23.94 0.85 -12.25	21.97 0.65 -12.16
GOLAH____69_KV_TB 1_2 80279	18.96 0.37 -0.33	15.35 0.34 -0.69	14.76 0.32 -0.98	15.32 0.35 -0.78	16.79 0.45 -0.34	19.43 0.71 0.00	29.04 0.71 -0.05	31.99 0.39 -1.67	27.81 0.45 -1.11	22.84 0.25 0.00	22.42 0.42 0.00	22.13 0.52 0.00	21.54 0.48 0.00	21.52 0.44 0.00	22.28 0.46 0.00	25.19 0.30 0.00	30.93 0.18 0.00	37.49 0.25 -2.07	35.58 0.24 -5.09	30.88 0.17 -2.34	24.08 0.26 -2.02	21.86 0.22 -1.31	14.14 0.26 -3.03	12.44 0.27 -3.01
GOODYEAR_LAKE_HYD 323669	20.00 0.93 -0.81	16.73 0.72 -1.70	16.57 0.69 -2.43	16.82 0.71 -1.92	17.67 0.83 -0.84	19.79 1.07 0.00	30.05 1.64 -0.12	35.88 1.83 -4.11	30.57 1.58 -2.74	23.92 1.33 0.00	23.30 1.30 0.00	22.87 1.25 0.00	22.25 1.20 0.00	22.28 1.20 0.00	23.08 1.27 0.00	26.34 1.44 0.00	32.65 1.91 0.00	42.40 2.11 -5.11	44.67 1.84 -12.58	35.89 1.73 -5.79	28.08 1.29 -5.00	24.68 1.12 -3.23	18.91 0.56 -7.50	17.07 0.46 -7.44
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	19.35 0.49 -0.59	15.94 0.39 -1.23	15.59 0.38 -1.77	15.98 0.40 -1.40	17.11 0.50 -0.61	19.53 0.81 0.00	29.34 0.96 -0.09	33.83 0.90 -2.99	29.01 0.76 -1.99	23.36 0.77 0.00	22.82 0.81 0.00	22.45 0.84 0.00	21.85 0.80 0.00	21.88 0.80 0.00	22.62 0.81 0.00	25.74 0.85 0.00	31.82 1.08 0.00	39.88 0.98 -3.71	40.27 0.88 -9.15	33.34 0.77 -4.21	26.06 0.63 -3.63	23.24 0.57 -2.35	16.62 0.33 -5.45	14.86 0.28 -5.41
GOUDEY____7 23579	19.36 0.51 -0.59	15.95 0.40 -1.23	15.61 0.39 -1.77	15.99 0.41 -1.40	17.12 0.51 -0.61	19.54 0.82 0.00	29.36 0.99 -0.09	33.86 0.93 -2.99	29.03 0.79 -1.99	23.40 0.81 0.00	22.84 0.84 0.00	22.48 0.86 0.00	21.88 0.82 0.00	21.90 0.82 0.00	22.67 0.85 0.00	25.79 0.90 0.00	31.86 1.11 0.00	39.91 1.02 -3.71	40.30 0.91 -9.15	33.40 0.82 -4.21	26.09 0.65 -3.63	23.26 0.59 -2.35	16.63 0.34 -5.45	14.87 0.29 -5.41
GOUDEY____8 23580	19.35 0.49 -0.59	15.94 0.39 -1.23	15.59 0.38 -1.77	15.98 0.40 -1.40	17.11 0.50 -0.61	19.53 0.81 0.00	29.34 0.96 -0.09	33.83 0.90 -2.99	29.01 0.76 -1.99	23.36 0.77 0.00	22.82 0.81 0.00	22.45 0.84 0.00	21.85 0.80 0.00	21.88 0.80 0.00	22.62 0.81 0.00	25.74 0.85 0.00	31.82 1.08 0.00	39.88 0.98 -3.71	40.27 0.88 -9.15	33.34 0.77 -4.21	26.06 0.63 -3.63	23.24 0.57 -2.35	16.62 0.33 -5.45	14.86 0.28 -5.41

GOWANUS_GT1_1 24077	21.21 1.63 -1.32	18.29 1.20 -2.78	18.51 1.09 -3.97	18.42 1.09 -3.14	18.55 1.18 -1.37	20.14 1.42 0.00	30.72 2.23 -0.19	39.26 2.60 -6.72	33.02 2.28 -4.48	24.76 2.17 0.00	24.24 2.16 -0.08	28.28 1.99 -4.68	30.22 1.98 -7.18	30.19 2.00 -7.11	30.52 2.07 -6.63	32.01 2.44 -4.67	33.52 2.77 0.00	46.97 3.45 -8.35	53.67 2.87 -20.55	40.49 2.67 -9.45	31.97 2.01 -8.16	27.35 1.75 -5.28	24.09 1.00 -12.25	22.13 0.81 -12.16
GOWANUS_GT1_2 24078	21.21 1.63 -1.32	18.29 1.20 -2.78	18.51 1.09 -3.97	18.42 1.09 -3.14	18.55 1.18 -1.37	20.14 1.42 0.00	30.72 2.23 -0.19	39.26 2.60 -6.72	33.02 2.28 -4.48	24.76 2.17 0.00	24.24 2.16 -0.08	28.28 1.99 -4.68	30.22 1.98 -7.18	30.19 2.00 -7.11	30.52 2.07 -6.63	32.01 2.44 -4.67	33.52 2.77 0.00	46.97 3.45 -8.35	53.67 2.87 -20.55	40.49 2.67 -9.45	31.97 2.01 -8.16	27.35 1.75 -5.28	24.09 1.00 -12.25	22.13 0.81 -12.16
GOWANUS_GT1_3 24079	21.21 1.63 -1.32	18.29 1.20 -2.78	18.51 1.09 -3.97	18.42 1.09 -3.14	18.55 1.18 -1.37	20.14 1.42 0.00	30.72 2.23 -0.19	39.26 2.60 -6.72	33.02 2.28 -4.48	24.76 2.17 0.00	24.24 2.16 -0.08	28.28 1.99 -4.68	30.22 1.98 -7.18	30.19 2.00 -7.11	30.52 2.07 -6.63	32.01 2.44 -4.67	33.52 2.77 0.00	46.97 3.45 -8.35	53.67 2.87 -20.55	40.49 2.67 -9.45	31.97 2.01 -8.16	27.35 1.75 -5.28	24.09 1.00 -12.25	22.13 0.81 -12.16
GOWANUS_GT1_4 24080	21.21 1.63 -1.32	18.29 1.20 -2.78	18.51 1.09 -3.97	18.42 1.09 -3.14	18.55 1.18 -1.37	20.14 1.42 0.00	30.72 2.23 -0.19	39.26 2.60 -6.72	33.02 2.28 -4.48	24.76 2.17 0.00	24.24 2.16 -0.08	28.28 1.99 -4.68	30.22 1.98 -7.18	30.19 2.00 -7.11	30.52 2.07 -6.63	32.01 2.44 -4.67	33.52 2.77 0.00	46.97 3.45 -8.35	53.67 2.87 -20.55	40.49 2.67 -9.45	31.97 2.01 -8.16	27.35 1.75 -5.28	24.09 1.00 -12.25	22.13 0.81 -12.16
GOWANUS_GT1_5 24084	21.21 1.63 -1.32	18.29 1.20 -2.78	18.51 1.09 -3.97	18.42 1.09 -3.14	18.55 1.18 -1.37	20.14 1.42 0.00	30.72 2.23 -0.19	39.26 2.60 -6.72	33.02 2.28 -4.48	24.76 2.17 0.00	24.24 2.16 -0.08	28.28 1.99 -4.68	30.22 1.98 -7.18	30.19 2.00 -7.11	30.52 2.07 -6.63	32.01 2.44 -4.67	33.52 2.77 0.00	46.97 3.45 -8.35	53.67 2.87 -20.55	40.49 2.67 -9.45	31.97 2.01 -8.16	27.35 1.75 -5.28	24.09 1.00 -12.25	22.13 0.81 -12.16
GOWANUS_GT1_6 24111	21.21 1.63 -1.32	18.29 1.20 -2.78	18.51 1.09 -3.97	18.42 1.09 -3.14	18.55 1.18 -1.37	20.14 1.42 0.00	30.72 2.23 -0.19	39.26 2.60 -6.72	33.02 2.28 -4.48	24.76 2.17 0.00	24.24 2.16 -0.08	28.28 1.99 -4.68	30.22 1.98 -7.18	30.19 2.00 -7.11	30.52 2.07 -6.63	32.01 2.44 -4.67	33.52 2.77 0.00	46.97 3.45 -8.35	53.67 2.87 -20.55	40.49 2.67 -9.45	31.97 2.01 -8.16	27.35 1.75 -5.28	24.09 1.00 -12.25	22.13 0.81 -12.16
GOWANUS_GT1_7 24112	21.21 1.63 -1.32	18.29 1.20 -2.78	18.51 1.09 -3.97	18.42 1.09 -3.14	18.55 1.18 -1.37	20.14 1.42 0.00	30.72 2.23 -0.19	39.26 2.60 -6.72	33.02 2.28 -4.48	24.76 2.17 0.00	24.24 2.16 -0.08	28.28 1.99 -4.68	30.22 1.98 -7.18	30.19 2.00 -7.11	30.52 2.07 -6.63	32.01 2.44 -4.67	33.52 2.77 0.00	46.97 3.45 -8.35	53.67 2.87 -20.55	40.49 2.67 -9.45	31.97 2.01 -8.16	27.35 1.75 -5.28	24.09 1.00 -12.25	22.13 0.81 -12.16
GOWANUS_GT1_8 24113	21.21 1.63 -1.32	18.29 1.20 -2.78	18.51 1.09 -3.97	18.42 1.09 -3.14	18.55 1.18 -1.37	20.14 1.42 0.00	30.72 2.23 -0.19	39.26 2.60 -6.72	33.02 2.28 -4.48	24.76 2.17 0.00	24.24 2.16 -0.08	28.28 1.99 -4.68	30.22 1.98 -7.18	30.19 2.00 -7.11	30.52 2.07 -6.63	32.01 2.44 -4.67	33.52 2.77 0.00	46.97 3.45 -8.35	53.67 2.87 -20.55	40.49 2.67 -9.45	31.97 2.01 -8.16	27.35 1.75 -5.28	24.09 1.00 -12.25	22.13 0.81 -12.16
GOWANUS_GT2_1 24114	21.22 1.63 -1.33	18.30 1.20 -2.78	18.51 1.09 -3.97	18.42 1.09 -3.14	18.55 1.18 -1.37	20.14 1.42 0.00	30.71 2.23 -0.19	39.26 2.60 -6.72	33.02 2.28 -4.48	24.76 2.17 0.00	24.20 2.11 -0.08	28.28 1.99 -4.68	30.22 1.98 -7.18	30.17 1.98 -7.11	30.52 2.07 -6.63	32.01 2.44 -4.67	33.51 2.77 0.01	47.02 3.45 -8.39	53.81 2.90 -20.66	40.54 2.67 -9.50	32.01 2.00 -8.20	27.38 1.75 -5.31	24.16 1.00 -12.32	22.20 0.81 -12.23
GOWANUS_GT2_2 24115	21.22 1.63 -1.33	18.30 1.20 -2.78	18.51 1.09 -3.97	18.42 1.09 -3.14	18.55 1.18 -1.37	20.14 1.42 0.00	30.71 2.23 -0.19	39.26 2.60 -6.72	33.02 2.28 -4.48	24.76 2.17 0.00	24.20 2.11 -0.08	28.28 1.99 -4.68	30.22 1.98 -7.18	30.17 1.98 -7.11	30.52 2.07 -6.63	32.01 2.44 -4.67	33.51 2.77 0.01	47.02 3.45 -8.39	53.81 2.90 -20.66	40.54 2.67 -9.50	32.01 2.00 -8.20	27.38 1.75 -5.31	24.16 1.00 -12.32	22.20 0.81 -12.23
GOWANUS_GT2_3 24116	21.22 1.63 -1.33	18.30 1.20 -2.78	18.51 1.09 -3.97	18.42 1.09 -3.14	18.55 1.18 -1.37	20.14 1.42 0.00	30.71 2.23 -0.19	39.26 2.60 -6.72	33.02 2.28 -4.48	24.76 2.17 0.00	24.20 2.11 -0.08	28.28 1.99 -4.68	30.22 1.98 -7.18	30.17 1.98 -7.11	30.52 2.07 -6.63	32.01 2.44 -4.67	33.51 2.77 0.01	47.02 3.45 -8.39	53.81 2.90 -20.66	40.54 2.67 -9.50	32.01 2.00 -8.20	27.38 1.75 -5.31	24.16 1.00 -12.32	22.20 0.81 -12.23
GOWANUS_GT2_4 24117	21.22 1.63 -1.33	18.30 1.20 -2.78	18.51 1.09 -3.97	18.42 1.09 -3.14	18.55 1.18 -1.37	20.14 1.42 0.00	30.71 2.23 -0.19	39.26 2.60 -6.72	33.02 2.28 -4.48	24.76 2.17 0.00	24.20 2.11 -0.08	28.28 1.99 -4.68	30.22 1.98 -7.18	30.17 1.98 -7.11	30.52 2.07 -6.63	32.01 2.44 -4.67	33.51 2.77 0.01	47.02 3.45 -8.39	53.81 2.90 -20.66	40.54 2.67 -9.50	32.01 2.00 -8.20	27.38 1.75 -5.31	24.16 1.00 -12.32	22.20 0.81 -12.23
GOWANUS_GT2_5 24118	21.22 1.63 -1.33	18.30 1.20 -2.78	18.51 1.09 -3.97	18.42 1.09 -3.14	18.55 1.18 -1.37	20.14 1.42 0.00	30.71 2.23 -0.19	39.26 2.60 -6.72	33.02 2.28 -4.48	24.76 2.17 0.00	24.20 2.11 -0.08	28.28 1.99 -4.68	30.22 1.98 -7.18	30.17 1.98 -7.11	30.52 2.07 -6.63	32.01 2.44 -4.67	33.51 2.77 0.01	47.02 3.45 -8.39	53.81 2.90 -20.66	40.54 2.67 -9.50	32.01 2.00 -8.20	27.38 1.75 -5.31	24.16 1.00 -12.32	22.20 0.81 -12.23
GOWANUS_GT2_6 24119	21.22 1.63 -1.33	18.30 1.20 -2.78	18.51 1.09 -3.97	18.42 1.09 -3.14	18.55 1.18 -1.37	20.14 1.42 0.00	30.71 2.23 -0.19	39.26 2.60 -6.72	33.02 2.28 -4.48	24.76 2.17 0.00	24.20 2.11 -0.08	28.28 1.99 -4.68	30.22 1.98 -7.18	30.17 1.98 -7.11	30.52 2.07 -6.63	32.01 2.44 -4.67	33.51 2.77 0.01	47.02 3.45 -8.39	53.81 2.90 -20.66	40.54 2.67 -9.50	32.01 2.00 -8.20	27.38 1.75 -5.31	24.16 1.00 -12.32	22.20 0.81 -12.23
GOWANUS_GT2_7 24120	21.22 1.63 -1.33	18.30 1.20 -2.78	18.51 1.09 -3.97	18.42 1.09 -3.14	18.55 1.18 -1.37	20.14 1.42 0.00	30.71 2.23 -0.19	39.26 2.60 -6.72	33.02 2.28 -4.48	24.76 2.17 0.00	24.20 2.11 -0.08	28.28 1.99 -4.68	30.22 1.98 -7.18	30.17 1.98 -7.11	30.52 2.07 -6.63	32.01 2.44 -4.67	33.51 2.77 0.01	47.02 3.45 -8.39	53.81 2.90 -20.66	40.54 2.67 -9.50	32.01 2.00 -8.20	27.38 1.75 -5.31	24.16 1.00 -12.32	22.20 0.81 -12.23

GOWANUS_GT2_8 24121	21.22 1.63 -1.33	18.30 1.20 -2.78	18.51 1.09 -3.97	18.42 1.09 -3.14	18.55 1.18 -1.37	20.14 1.42 0.00	30.71 2.23 -0.19	39.26 2.60 -6.72	33.02 2.28 -4.48	24.76 2.17 0.00	24.20 2.11 -0.08	28.28 1.99 -4.68	30.22 1.98 -7.18	30.17 1.98 -7.11	30.52 2.07 -6.63	32.01 2.44 -4.67	33.51 2.77 0.01	47.02 3.45 -8.39	53.81 2.90 -20.66	40.54 2.67 -9.50	32.01 2.00 -8.20	27.38 1.75 -5.31	24.16 1.00 -12.32	22.20 0.81 -12.23
GOWANUS_GT3_1 24122	21.22 1.63 -1.33	18.30 1.20 -2.78	18.51 1.09 -3.97	18.42 1.09 -3.14	18.55 1.18 -1.37	20.14 1.42 0.00	30.71 2.23 -0.19	39.26 2.60 -6.72	33.02 2.28 -4.48	24.76 2.17 0.00	24.20 2.11 -0.08	28.28 1.99 -4.68	30.22 1.98 -7.18	30.17 1.98 -7.11	30.52 2.07 -6.63	32.01 2.44 -4.67	33.51 2.77 0.01	47.02 3.45 -8.39	53.81 2.90 -20.66	40.54 2.67 -9.50	32.01 2.00 -8.20	27.38 1.75 -5.31	24.16 1.00 -12.32	22.20 0.81 -12.23
GOWANUS_GT3_2 24123	21.22 1.63 -1.33	18.30 1.20 -2.78	18.51 1.09 -3.97	18.42 1.09 -3.14	18.55 1.18 -1.37	20.14 1.42 0.00	30.71 2.23 -0.19	39.26 2.60 -6.72	33.02 2.28 -4.48	24.76 2.17 0.00	24.20 2.11 -0.08	28.28 1.99 -4.68	30.22 1.98 -7.18	30.17 1.98 -7.11	30.52 2.07 -6.63	32.01 2.44 -4.67	33.51 2.77 0.01	47.02 3.45 -8.39	53.81 2.90 -20.66	40.54 2.67 -9.50	32.01 2.00 -8.20	27.38 1.75 -5.31	24.16 1.00 -12.32	22.20 0.81 -12.23
GOWANUS_GT3_3 24124	21.22 1.63 -1.33	18.30 1.20 -2.78	18.51 1.09 -3.97	18.42 1.09 -3.14	18.55 1.18 -1.37	20.14 1.42 0.00	30.71 2.23 -0.19	39.26 2.60 -6.72	33.02 2.28 -4.48	24.76 2.17 0.00	24.20 2.11 -0.08	28.28 1.99 -4.68	30.22 1.98 -7.18	30.17 1.98 -7.11	30.52 2.07 -6.63	32.01 2.44 -4.67	33.51 2.77 0.01	47.02 3.45 -8.39	53.81 2.90 -20.66	40.54 2.67 -9.50	32.01 2.00 -8.20	27.38 1.75 -5.31	24.16 1.00 -12.32	22.20 0.81 -12.23
GOWANUS_GT3_4 24125	21.22 1.63 -1.33	18.30 1.20 -2.78	18.51 1.09 -3.97	18.42 1.09 -3.14	18.55 1.18 -1.37	20.14 1.42 0.00	30.71 2.23 -0.19	39.26 2.60 -6.72	33.02 2.28 -4.48	24.76 2.17 0.00	24.20 2.11 -0.08	28.28 1.99 -4.68	30.22 1.98 -7.18	30.17 1.98 -7.11	30.52 2.07 -6.63	32.01 2.44 -4.67	33.51 2.77 0.01	47.02 3.45 -8.39	53.81 2.90 -20.66	40.54 2.67 -9.50	32.01 2.00 -8.20	27.38 1.75 -5.31	24.16 1.00 -12.32	22.20 0.81 -12.23
GOWANUS_GT3_5 24126	21.22 1.63 -1.33	18.30 1.20 -2.78	18.51 1.09 -3.97	18.42 1.09 -3.14	18.55 1.18 -1.37	20.14 1.42 0.00	30.71 2.23 -0.19	39.26 2.60 -6.72	33.02 2.28 -4.48	24.76 2.17 0.00	24.20 2.11 -0.08	28.28 1.99 -4.68	30.22 1.98 -7.18	30.17 1.98 -7.11	30.52 2.07 -6.63	32.01 2.44 -4.67	33.51 2.77 0.01	47.02 3.45 -8.39	53.81 2.90 -20.66	40.54 2.67 -9.50	32.01 2.00 -8.20	27.38 1.75 -5.31	24.16 1.00 -12.32	22.20 0.81 -12.23
GOWANUS_GT3_6 24127	21.22 1.63 -1.33	18.30 1.20 -2.78	18.51 1.09 -3.97	18.42 1.09 -3.14	18.55 1.18 -1.37	20.14 1.42 0.00	30.71 2.23 -0.19	39.26 2.60 -6.72	33.02 2.28 -4.48	24.76 2.17 0.00	24.20 2.11 -0.08	28.28 1.99 -4.68	30.22 1.98 -7.18	30.17 1.98 -7.11	30.52 2.07 -6.63	32.01 2.44 -4.67	33.51 2.77 0.01	47.02 3.45 -8.39	53.81 2.90 -20.66	40.54 2.67 -9.50	32.01 2.00 -8.20	27.38 1.75 -5.31	24.16 1.00 -12.32	22.20 0.81 -12.23
GOWANUS_GT3_7 24128	21.22 1.63 -1.33	18.30 1.20 -2.78																						

GOWANUS_GT4_7 24136	21.21 1.63 -1.32	18.29 1.20 -2.78	18.51 1.09 -3.97	18.42 1.09 -3.14	18.55 1.18 -1.37	20.14 1.42 0.00	30.72 2.23 -0.19	39.26 2.60 -6.72	33.02 2.28 -4.48	24.76 2.17 0.00	24.24 2.16 -0.08	28.28 1.99 -4.68	30.22 1.98 -7.18	30.19 2.00 -7.11	30.52 2.07 -6.63	32.01 2.44 -4.67	33.52 2.77 0.00	46.97 3.45 -8.35	53.67 2.87 -20.55	40.49 2.67 -9.45	31.97 2.01 -8.16	27.35 1.75 -5.28	24.09 1.00 -12.25	22.13 0.81 -12.16
GOWANUS_GT4_8 24137	21.21 1.63 -1.32	18.29 1.20 -2.78	18.51 1.09 -3.97	18.42 1.09 -3.14	18.55 1.18 -1.37	20.14 1.42 0.00	30.72 2.23 -0.19	39.26 2.60 -6.72	33.02 2.28 -4.48	24.76 2.17 0.00	24.24 2.16 -0.08	28.28 1.99 -4.68	30.22 1.98 -7.18	30.19 2.00 -7.11	30.52 2.07 -6.63	32.01 2.44 -4.67	33.52 2.77 0.00	46.97 3.45 -8.35	53.67 2.87 -20.55	40.49 2.67 -9.45	31.97 2.01 -8.16	27.35 1.75 -5.28	24.09 1.00 -12.25	22.13 0.81 -12.16
GREENBSH_115KV_TB3 55895	20.36 0.49 -1.60	18.07 0.40 -3.36	18.62 0.36 -4.80	18.38 0.40 -3.80	18.10 0.45 -1.65	19.30 0.58 0.00	29.51 0.99 -0.23	39.18 1.11 -8.13	32.65 0.97 -5.42	23.36 0.77 0.00	22.63 0.68 0.06	22.13 0.61 0.08	21.63 0.61 0.03	21.71 0.63 0.00	22.51 0.70 0.00	25.77 0.87 0.00	31.92 1.17 0.00	46.69 1.41 -10.10	56.33 1.21 -24.87	40.91 1.11 -11.44	32.55 0.87 -9.87	27.43 0.71 -6.39	25.98 0.31 -14.82	24.13 0.26 -14.71
GREENDGE_115KV_TB5 80291	19.20 0.51 -0.42	15.62 0.42 -0.89	15.12 0.39 -1.28	15.62 0.43 -1.01	17.02 0.58 -0.44	19.69 0.97 0.00	29.57 1.22 -0.06	33.06 0.96 -2.16	28.59 0.89 -1.44	23.45 0.86 0.00	22.93 0.92 0.00	22.58 0.97 0.00	21.94 0.88 0.00	21.99 0.91 0.00	22.71 0.89 0.00	25.79 0.90 0.00	31.86 1.11 0.00	38.68 0.81 -2.69	37.62 0.76 -6.62	32.21 0.79 -3.04	25.15 0.72 -2.63	22.64 0.61 -1.70	15.16 0.37 -3.94	13.40 0.32 -3.91
GREENIDGE___3 23582	19.20 0.51 -0.42	15.62 0.42 -0.89	15.12 0.39 -1.28	15.62 0.43 -1.01	17.02 0.58 -0.44	19.69 0.97 0.00	29.57 1.22 -0.06	33.06 0.96 -2.16	28.59 0.89 -1.44	23.45 0.86 0.00	22.93 0.92 0.00	22.58 0.97 0.00	21.94 0.88 0.00	21.99 0.91 0.00	22.71 0.89 0.00	25.79 0.90 0.00	31.86 1.11 0.00	38.68 0.81 -2.69	37.62 0.76 -6.62	32.21 0.79 -3.04	25.15 0.72 -2.63	22.64 0.61 -1.70	15.16 0.37 -3.94	13.40 0.32 -3.91
GREENIDGE___4 23583	19.20 0.51 -0.42	15.62 0.42 -0.89	15.12 0.39 -1.28	15.62 0.43 -1.01	17.02 0.58 -0.44	19.69 0.97 0.00	29.59 1.24 -0.06	33.06 0.96 -2.16	28.59 0.89 -1.44	23.45 0.86 0.00	22.97 0.97 0.00	22.59 0.97 0.00	21.94 0.88 0.00	21.99 0.91 0.00	22.71 0.89 0.00	25.79 0.89 0.00	31.98 1.23 0.00	38.56 0.81 -2.57	37.34 0.76 -6.34	32.13 0.85 -2.91	25.03 0.72 -2.52	22.58 0.63 -1.63	14.99 0.37 -3.77	13.23 0.32 -3.75
GREENLWN_69_KV_BK 3 55738	22.88 1.79 -2.82	21.18 1.33 -5.54	20.52 1.22 -5.85	20.71 1.28 -5.25	22.57 1.39 -5.17	24.12 1.74 -3.66	31.96 2.80 -0.87	39.86 3.20 -6.72	33.45 2.89 -4.32	30.47 2.53 -5.36	27.51 2.51 -3.00	28.36 2.44 -4.30	28.05 2.44 -4.55	28.02 2.47 -4.47	28.86 2.57 -4.47	29.33 2.99 -1.44	37.85 3.57 -3.53	50.15 4.22 -10.75	52.32 3.60 -18.47	38.53 3.35 -6.81	39.92 2.46 -15.65	29.71 2.11 -7.27	28.28 1.08 -16.35	26.47 0.87 -16.44
GREENWD_138_KV_38B11_REV_LBMP_J 345004	21.21 1.63 -1.32	18.29 1.20 -2.78	18.51 1.09 -3.97	18.42 1.09 -3.14	18.55 1.18 -1.37	20.14 1.42 0.00	30.72 2.23 -0.19	39.26 2.60 -6.72	33.02 2.28 -4.48	24.76 2.17 0.00	24.24 2.16 -0.08	28.28 1.99 -4.68	30.22 1.98 -7.18	30.19 2.00 -7.11	30.52 2.07 -6.63	32.01 2.44 -4.67	33.52 2.77 0.00	46.97 3.45 -8.35	53.67 2.87 -20.55	40.49 2.67 -9.45	31.97 2.01 -8.16	27.35 1.75 -5.28	24.09 1.00 -12.25	22.13 0.81 -12.16
GRISSOM___SOLAR 323813	21.41 1.50 -1.65	18.95 1.17 -3.46	19.55 1.14 -4.95	19.29 1.19 -3.91	19.18 1.47 -1.70	20.63 1.91 0.00	31.92 3.39 -0.24	41.56 3.23 -8.39	34.60 2.76 -5.59	24.82 2.24 0.00	23.81 1.85 0.04	23.17 1.62 0.06	22.57 1.54 0.02	22.70 1.62 0.00	23.61 1.79 0.00	27.09 2.19 0.00	33.82 3.07 0.00	51.24 3.62 -12.44	64.10 3.24 -30.62	45.34 2.90 -14.08	36.20 2.25 -12.15	30.10 1.91 -7.87	30.00 0.91 -18.24	27.99 0.72 -18.11
GROVEVILLE___HYD 323602	20.89 1.32 -1.31	18.03 0.96 -2.76	18.29 0.89 -3.95	18.23 0.92 -3.12	18.38 1.02 -1.36	19.96 1.24 0.00	30.49 2.01 -0.19	38.90 2.28 -6.69	32.68 1.97 -4.46	24.26 1.67 0.00	23.70 1.65 -0.04	23.25 1.58 -0.06	22.63 1.56 -0.02	22.66 1.58 0.00	23.50 1.68 0.00	26.86 1.97 0.00	33.18 2.43 0.00	46.51 3.03 -8.31	53.32 2.63 -20.45	40.15 2.38 -9.40	31.68 1.77 -8.12	26.98 1.40 -5.25	23.75 0.72 -12.18	21.86 0.60 -12.10
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	18.88 0.31 -0.30	15.19 0.24 -0.64	14.59 0.23 -0.91	15.15 0.24 -0.72	16.65 0.34 -0.31	19.19 0.47 0.00	28.93 0.59 -0.04	31.96 0.48 -1.54	27.62 0.34 -1.03	22.90 0.32 0.00	22.34 0.33 0.00	21.96 0.35 0.00	21.37 0.32 0.00	21.42 0.34 0.00	22.14 0.33 0.00	25.22 0.32 0.00	31.12 0.37 0.00	37.44 0.35 -1.91	35.29 0.33 -4.71	30.85 0.31 -2.16	23.97 0.31 -1.87	21.92 0.39 -1.21	13.88 0.23 -2.81	12.14 0.19 -2.79
HAMLTNNY_34_KV_TB 80303	19.00 0.42 -0.32	15.30 0.31 -0.67	14.71 0.31 -0.95	15.27 0.33 -0.75	16.76 0.43 -0.33	19.32 0.60 0.00	29.13 0.79 -0.05	32.27 0.72 -1.61	27.91 0.58 -1.08	23.11 0.52 0.00	22.53 0.53 0.00	22.17 0.56 0.00	21.58 0.53 0.00	21.63 0.55 0.00	22.36 0.55 0.00	25.44 0.55 0.00	31.39 0.65 0.00	37.89 0.70 -2.01	35.82 0.64 -4.94	31.21 0.57 -2.27	24.26 0.50 -1.96	22.12 0.53 -1.27	14.08 0.29 -2.94	12.33 0.25 -2.92
HAMPSHIRE___PAPER_HYD 323593	17.70 -0.64 -0.08	13.98 -0.50 -0.16	13.20 -0.48 -0.23	13.86 -0.51 -0.18	15.42 -0.66 -0.08	17.89 -0.82 0.00	27.22 -1.07 -0.01	29.28 -1.05 -0.39	25.78 -0.73 -0.26	21.98 -0.61 0.00	21.39 -0.62 0.00	20.88 -0.73 0.00	20.15 -0.90 0.00	20.07 -1.01 0.00	20.77 -1.05 0.00	23.75 -1.14 0.00	29.52 -1.23 0.00	34.42 -1.23 -0.47	30.41 -1.00 -1.16	28.02 -0.88 -0.54	21.41 -0.85 -0.46	19.85 -0.77 -0.30	10.29 -0.41 0.15	9.55 -0.30 -0.69
HARDSCRABBLE_WT_PWR 323673	18.72 0.42 -0.03	14.71 0.33 -0.07	13.84 0.30 -0.10	14.58 0.31 -0.08	16.40 0.37 -0.03	19.19 0.47 0.00	29.03 0.73 0.00	30.73 0.63 -0.17	26.89 0.52 -0.11	23.04 0.45 0.00	22.45 0.44 0.00	22.04 0.43 0.00	21.43 0.38 0.00	21.44 0.36 0.00	22.17 0.35 0.00	25.29 0.40 0.00	31.27 0.52 0.00	36.01 0.63 -0.20	31.25 0.51 -0.49	29.02 0.43 -0.22	22.28 0.28 -0.19	20.76 0.31 -0.13	11.44 0.21 -0.39	9.63 0.17 -0.29
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	20.68 1.22 -1.19	17.70 0.89 -2.50	17.83 0.81 -3.57	17.85 0.84 -2.82	18.16 0.93 -1.23	19.84 1.12 0.00	30.24 1.78 -0.17	37.99 2.01 -6.05	32.02 1.73 -4.03	24.08 1.49 0.00	23.52 1.47 -0.04	23.10 1.43 -0.06	22.49 1.41 -0.02	22.52 1.43 0.00	23.32 1.51 0.00	26.66 1.77 0.00	32.93 2.18 0.00	45.40 2.71 -7.51	51.07 2.33 -18.49	39.00 2.13 -8.50	30.69 1.55 -7.34	26.32 1.24 -4.75	22.53 0.66 -11.02	20.65 0.55 -10.94

HARSNRAD_115KV_TB1 81005	18.60 -0.02 -0.35	15.18 0.11 -0.75	14.65 0.13 -1.07	15.19 0.16 -0.84	16.62 0.26 -0.37	19.36 0.64 0.00	28.48 0.14 -0.05	31.39 -0.36 -1.81	27.25 -0.21 -1.21	22.52 -0.07 0.00	22.20 0.20 0.00	22.00 0.39 0.00	21.43 0.38 0.00	21.40 0.32 0.00	22.12 0.31 0.00	24.92 0.02 0.00	30.47 -0.28 0.00	36.93 -0.49 -2.25	35.29 -0.48 -5.53	30.43 -0.48 -2.54	23.76 -0.24 -2.20	21.44 -0.30 -1.42	14.15 0.01 -3.29	12.56 0.13 -3.27
HARZA MOOSE__RIVER 24016	18.52 0.16 -0.09	14.62 0.11 -0.19	13.82 0.09 -0.27	14.49 0.09 -0.22	16.22 0.13 -0.09	18.93 0.21 0.00	28.70 0.40 -0.01	30.79 0.39 -0.46	26.88 0.32 -0.31	22.79 0.20 0.00	22.18 0.18 0.00	21.72 0.11 0.00	21.08 0.02 0.00	21.08 0.00 0.00	21.82 0.00 0.00	24.92 0.02 0.00	30.99 0.25 0.00	36.18 0.42 -0.58	32.09 0.42 -1.42	29.45 0.43 -0.65	22.61 0.24 -0.56	20.89 0.20 -0.37	11.65 0.12 -0.68	10.11 0.10 -0.84
HDSNBRDG_115KV_BRDG_TB1 355580	18.70 0.15 -0.28	15.03 0.11 -0.60	14.41 0.11 -0.86	14.99 0.13 -0.68	16.47 0.18 -0.29	19.00 0.28 0.00	28.64 0.31 -0.04	31.57 0.18 -1.45	27.32 0.11 -0.97	22.68 0.09 0.00	22.12 0.11 0.00	21.76 0.15 0.00	21.18 0.13 0.00	21.23 0.15 0.00	21.95 0.13 0.00	24.97 0.07 0.00	30.78 0.03 0.00	36.94 -0.04 -1.80	34.67 0.00 -4.43	30.38 -0.03 -2.04	23.65 0.09 -1.76	21.65 0.18 -1.14	13.62 0.13 -2.64	11.89 0.11 -2.62
HELLGATE_13_KV_LD 55870	21.08 1.50 -1.32	18.19 1.10 -2.78	18.42 1.00 -3.97	18.33 1.01 -3.14	18.45 1.09 -1.37	20.03 1.31 0.00	30.63 2.15 -0.19	39.17 2.51 -6.72	32.94 2.21 -4.48	24.64 2.06 0.00	24.13 2.05 -0.08	28.22 1.92 -4.68	30.15 1.92 -7.18	30.11 1.92 -7.11	30.44 1.99 -6.63	31.91 2.34 -4.67	33.45 2.71 0.00	46.87 3.34 -8.35	53.61 2.81 -20.55	40.40 2.58 -9.45	31.88 1.92 -8.16	27.21 1.61 -5.28	24.01 0.91 -12.25	22.06 0.73 -12.16
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	21.08 1.50 -1.32	18.19 1.10 -2.78	18.42 1.00 -3.97	18.33 1.01 -3.14	18.45 1.09 -1.37	20.03 1.31 0.00	30.63 2.15 -0.19	39.17 2.51 -6.72	32.94 2.21 -4.48	24.64 2.06 0.00	24.13 2.05 -0.08	28.22 1.92 -4.68	30.15 1.92 -7.18	30.11 1.92 -7.11	30.44 1.99 -6.63	31.91 2.34 -4.67	33.45 2.71 0.00	46.87 3.34 -8.35	53.61 2.81 -20.55	40.40 2.58 -9.45	31.88 1.92 -8.16	27.21 1.61 -5.28	24.01 0.91 -12.25	22.06 0.73 -12.16
HEMPSTEAD____ 23647	22.72 1.63 -2.83	21.07 1.22 -5.54	20.41 1.12 -5.85	20.59 1.15 -5.25	22.46 1.28 -5.17	23.98 1.59 -3.67	31.71 2.55 -0.88	39.65 2.99 -6.72	33.37 2.62 -4.50	30.32 2.37 -5.36	27.32 2.31 -3.01	28.21 2.29 -4.31	27.87 2.25 -4.57	27.84 2.28 -4.48	28.68 2.38 -4.48	29.44 2.74 -1.81	37.54 3.26 -3.54	50.88 3.83 -11.87	56.49 3.30 -22.94	44.94 3.06 -13.51	39.79 2.29 -15.70	29.90 1.89 -7.69	28.69 0.98 -16.86	26.47 0.80 -16.50
HEWLETT__69_KV_BK3 55828	22.81 1.72 -2.82	21.14 1.29 -5.54	20.48 1.18 -5.85	20.65 1.22 -5.25	22.54 1.36 -5.17	24.06 1.68 -3.66	31.81 2.66 -0.87	39.68 3.02 -6.72	33.39 2.65 -4.48	30.32 2.37 -5.36	27.37 2.35 -3.01	28.20 2.29 -4.30	27.89 2.27 -4.56	27.85 2.30 -4.47	28.69 2.40 -4.47	29.47 2.79 -1.78	37.70 3.41 -3.54	50.87 3.94 -11.75	56.18 3.39 -22.54	44.53 3.15 -13.02	39.84 2.38 -15.66	29.91 1.95 -7.63	28.66 1.04 -16.77	26.46 0.85 -16.44
HICKLING__1 23621	19.29 0.53 -0.50	15.80 0.44 -1.04	15.36 0.42 -1.49	15.82 0.45 -1.18	17.12 0.61 -0.51	19.84 1.12 0.00	29.60 1.24 -0.07	33.64 1.17 -2.53	28.94 1.00 -1.69	23.69 1.11 0.00	23.19 1.19 0.00	22.87 1.25 0.00	22.23 1.18 0.00	22.26 1.18 0.00	23.00 1.18 0.00	26.09 1.19 0.00	32.22 1.48 0.00	39.59 1.27 -3.14	39.07 1.09 -7.74	32.89 0.96 -3.56	25.66 0.78 -3.07	22.96 0.65 -1.99	15.83 0.37 -4.61	14.07 0.33 -4.58
HICKLING__2 23622	19.29 0.53 -0.50	15.80 0.44 -1.04	15.36 0.42 -1.49	15.82 0.45 -1.18	17.12 0.61 -0.51	19.84 1.12 0.00	29.60 1.24 -0.07	33.64 1.17 -2.53	28.94 1.00 -1.69	23.69 1.11 0.00	23.19 1.19 0.00	22.87 1.25 0.00	22.23 1.18 0.00	22.26 1.18 0.00	23.00 1.18 0.00	26.09 1.19 0.00	32.22 1.48 0.00	39.59 1.27 -3.14	39.07 1.09 -7.74	32.89 0.96 -3.56	25.66 0.78 -3.07	22.96 0.65 -1.99	15.83 0.37 -4.61	14.07 0.33 -4.58
HIGH FALLS__HY 23754	20.83 1.28 -1.29	17.93 0.92 -2.70	18.15 0.83 -3.87	18.11 0.87 -3.05	18.28 0.94 -1.33	19.86 1.14 0.00	30.31 1.84 -0.19	38.43 1.95 -6.55	32.30 1.68 -4.36	24.03 1.45 0.00	23.50 1.47 -0.02	23.09 1.45 -0.03	22.50 1.43 -0.01	22.52 1.43 0.00	23.32 1.51 0.00	26.66 1.77 0.00	32.96 2.21 0.00	46.05 2.74 -8.13	52.62 2.36 -20.02	39.73 2.16 -9.20	31.30 1.55 -7.95	26.69 1.22 -5.14	23.47 0.69 -11.93	21.60 0.60 -11.84
HILLBURN__GT 23639	20.71 1.24 -1.20	17.73 0.89 -2.53	17.88 0.82 -3.61	17.88 0.84 -2.85	18.17 0.93 -1.24	19.84 1.12 0.00	30.28 1.81 -0.18	38.06 2.01 -6.12	32.06 1.73 -4.08	24.15 1.56 0.00	23.57 1.52 -0.04	23.17 1.49 -0.07	22.57 1.50 -0.02	22.58 1.50 0.00	23.39 1.57 0.00	26.74 1.84 0.00	32.96 2.22 0.00	45.51 2.71 -7.62	51.34 2.33 -18.77	39.10 2.10 -8.63	30.80 1.55 -7.45	26.39 1.24 -4.82	22.73 0.69 -11.18	20.83 0.56 -11.10
HILLSIDE_115KV_TB1 80332	19.10 0.33 -0.51	15.66 0.27 -1.07	15.25 0.27 -1.53	15.68 0.28 -1.21	16.93 0.40 -0.53	19.58 0.86 0.00	29.18 0.82 -0.07	33.19 0.66 -2.59	28.53 0.55 -1.73	23.33 0.75 0.00	22.82 0.81 0.00	22.48 0.86 0.00	21.88 0.82 0.00	21.90 0.82 0.00	22.65 0.83 0.00	25.69 0.80 0.00	31.73 0.98 0.00	39.10 0.70 -3.22	38.77 0.60 -7.92	32.52 0.51 -3.64	25.38 0.44 -3.14	22.71 0.35 -2.04	15.81 0.24 -4.72	14.07 0.22 -4.69
HISHELDN_WT_PWR 323625	18.72 0.05 -0.40	15.25 0.10 -0.83	14.75 0.11 -1.19	15.27 0.14 -0.94	16.65 0.24 -0.41	19.51 0.79 0.00	28.77 0.42 -0.06	31.93 -0.03 -2.02	27.63 0.03 -1.35	22.93 0.34 0.00	22.67 0.66 0.00	22.35 0.74 0.00	21.77 0.72 0.00	21.74 0.65 0.00	22.45 0.63 0.00	25.27 0.37 0.00	31.21 0.46 0.00	37.52 -0.07 -2.41	36.05 -0.12 -5.93	30.87 -0.23 -2.73	24.11 -0.04 -2.35	21.75 -0.10 -1.52	14.44 0.05 -3.53	12.78 0.11 -3.51
HOLTSVILLE_IC_1 23690	22.94 1.84 -2.83	21.21 1.36 -5.54	20.58 1.28 -5.85	20.77 1.33 -5.25	22.58 1.41 -5.17	24.22 1.84 -3.67	32.02 2.86 -0.88	39.89 3.23 -6.72	35.67 2.97 -6.45	30.68 2.69 -5.40	27.69 2.64 -3.05	28.45 2.53 -4.31	28.21 2.55 -4.61	28.18 2.57 -4.52	29.00 2.66 -4.52	33.77 3.04 -5.84	37.86 3.53 -3.58	63.16 4.15 -23.84	105.50 3.57 -71.69	119.54 3.29 -87.88	39.99 2.44 -15.74	34.38 2.11 -11.94	33.75 1.03 -21.87	26.61 0.90 -16.55
HOLTSVILLE_IC_10 23699	23.03 1.94 -2.83	21.28 1.43 -5.54	20.64 1.34 -5.85	20.85 1.40 -5.25	22.66 1.49 -5.17	24.31 1.93 -3.67	32.19 3.03 -0.88	40.16 3.50 -6.72	35.80 3.18 -6.38	30.86 2.87 -5.40	27.85 2.80 -3.05	28.62 2.70 -4.31	28.38 2.72 -4.61	28.34 2.74 -4.52	29.17 2.84 -4.52	33.82 3.23 -5.69	38.11 3.78 -3.58	63.00 4.43 -23.39	103.95 3.81 -69.90	117.02 3.52 -85.14	40.16 2.61 -15.74	34.39 2.28 -11.79	33.62 1.08 -21.69	26.65 0.94 -16.54

HOLTSVILLE_IC_2 23691	22.94 1.84 -2.83	21.21 1.36 -5.54	20.58 1.28 -5.85	20.77 1.33 -5.25	22.58 1.41 -5.17	24.22 1.84 -3.67	32.02 2.86 -0.88	39.89 3.23 -6.72	35.67 2.97 -6.45	30.68 2.69 -5.40	27.69 2.64 -3.05	28.45 2.53 -4.31	28.21 2.55 -4.61	28.18 2.57 -4.52	29.00 2.66 -4.52	33.77 3.04 -5.84	37.86 3.53 -3.58	63.16 4.15 -23.84	105.50 3.57 -71.69	119.54 3.29 -87.88	39.99 2.44 -15.74	34.38 2.11 -11.94	33.75 1.03 -21.87	26.61 0.90 -16.55
HOLTSVILLE_IC_3 23692	22.94 1.84 -2.83	21.21 1.36 -5.54	20.58 1.28 -5.85	20.77 1.33 -5.25	22.58 1.41 -5.17	24.22 1.84 -3.67	32.02 2.86 -0.88	39.89 3.23 -6.72	35.67 2.97 -6.45	30.68 2.69 -5.40	27.69 2.64 -3.05	28.45 2.53 -4.31	28.21 2.55 -4.61	28.18 2.57 -4.52	29.00 2.66 -4.52	33.77 3.04 -5.84	37.86 3.53 -3.58	63.16 4.15 -23.84	105.50 3.57 -71.69	119.54 3.29 -87.88	39.99 2.44 -15.74	34.38 2.11 -11.94	33.75 1.03 -21.87	26.61 0.90 -16.55
HOLTSVILLE_IC_4 23693	22.94 1.84 -2.83	21.21 1.36 -5.54	20.58 1.28 -5.85	20.77 1.33 -5.25	22.58 1.41 -5.17	24.22 1.84 -3.67	32.02 2.86 -0.88	39.89 3.23 -6.72	35.67 2.97 -6.45	30.68 2.69 -5.40	27.69 2.64 -3.05	28.45 2.53 -4.31	28.21 2.55 -4.61	28.18 2.57 -4.52	29.00 2.66 -4.52	33.77 3.04 -5.84	37.86 3.53 -3.58	63.16 4.15 -23.84	105.50 3.57 -71.69	119.54 3.29 -87.88	39.99 2.44 -15.74	34.38 2.11 -11.94	33.75 1.03 -21.87	26.61 0.90 -16.55
HOLTSVILLE_IC_5 23694	22.94 1.84 -2.83	21.21 1.36 -5.54	20.58 1.28 -5.85	20.77 1.33 -5.25	22.58 1.41 -5.17	24.22 1.84 -3.67	32.02 2.86 -0.88	39.89 3.23 -6.72	35.67 2.97 -6.45	30.68 2.69 -5.40	27.69 2.64 -3.05	28.45 2.53 -4.31	28.21 2.55 -4.61	28.18 2.57 -4.52	29.00 2.66 -4.52	33.77 3.04 -5.84	37.86 3.53 -3.58	63.16 4.15 -23.84	105.50 3.57 -71.69	119.54 3.29 -87.88	39.99 2.44 -15.74	34.38 2.11 -11.94	33.75 1.03 -21.87	26.61 0.90 -16.55
HOLTSVILLE_IC_6 23695	23.03 1.94 -2.83	21.28 1.43 -5.54	20.64 1.34 -5.85	20.85 1.40 -5.25	22.66 1.49 -5.17	24.31 1.93 -3.67	32.19 3.03 -0.88	40.16 3.50 -6.72	35.80 3.18 -6.38	30.86 2.87 -5.40	27.85 2.80 -3.05	28.62 2.70 -4.31	28.38 2.72 -4.61	28.34 2.74 -4.52	29.17 2.84 -4.52	33.82 3.23 -5.69	38.11 3.78 -3.58	63.00 4.43 -23.39	103.95 3.81 -69.90	117.02 3.52 -85.14	40.16 2.61 -15.74	34.39 2.28 -11.79	33.62 1.08 -21.69	26.65 0.94 -16.54
HOLTSVILLE_IC_7 23696	23.03 1.94 -2.83	21.28 1.43 -5.54	20.64 1.34 -5.85	20.85 1.40 -5.25	22.66 1.49 -5.17	24.31 1.93 -3.67	32.19 3.03 -0.88	40.16 3.50 -6.72	35.80 3.18 -6.38	30.86 2.87 -5.40	27.85 2.80 -3.05	28.62 2.70 -4.31	28.38 2.72 -4.61	28.34 2.74 -4.52	29.17 2.84 -4.52	33.82 3.23 -5.69	38.11 3.78 -3.58	63.00 4.43 -23.39	103.95 3.81 -69.90	117.02 3.52 -85.14	40.16 2.61 -15.74	34.39 2.28 -11.79	33.62 1.08 -21.69	26.65 0.94 -16.54
HOLTSVILLE_IC_8 23697	23.03 1.94 -2.83	21.28 1.43 -5.54	20.64 1.34 -5.85	20.85 1.40 -5.25	22.66 1.49 -5.17	24.31 1.93 -3.67	32.19 3.03 -0.88	40.16 3.50 -6.72	35.80 3.18 -6.38	30.86 2.87 -5.40	27.85 2.80 -3.05	28.62 2.70 -4.31	28.38 2.72 -4.61	28.34 2.74 -4.52	29.17 2.84 -4.52	33.82 3.23 -5.69	38.11 3.78 -3.58	63.00 4.43 -23.39	103.95 3.81 -69.90	117.02 3.52 -85.14	40.16 2.61 -15.74	34.39 2.28 -11.79	33.62 1.08 -21.69	26.65 0.94 -16.54
HOLTSVILLE_IC_9 23698	23.03 1.94 -2.83	21.28 1.43 -5.54	20.64 1.34 -5.85	20.85 1.40 -5.25	22.66 1.49 -5.17	24.31 1.93 -3.67	32.19 3.03 -0.88	40.16 3.50 -6.72	35.80 3.18 -6.38	30.86 2.87 -5.40	27.85 2.80 -3.05	28.62 2.70 -4.31	28.38 2.72 -4.61	28.34 2.74 -4.52	29.17 2.84 -4.52	33.82 3.23 -5.69	38.11 3.78 -3.58	63.00 4.43 -23.39	103.95 3.81 -69.90	117.02 3.52 -85.14	40.16 2.61 -15.74	34.39 2.28 -11.79	33.62 1.08 -21.69	26.65 0.94 -16.54
HOMER_HL_115KV_TB2 355744	18.45 -0.22 -0.40	15.03 -0.13 -0.85	14.55 -0.11 -1.21	15.06 -0.09 -0.96	16.42 0.00 -0.42	19.83 1.10 0.00	28.57 0.23 -0.06	31.81 -0.18 -2.05	27.49 -0.13 -1.37	23.40 0.81 0.00	23.04 1.03 0.00	22.80 1.19 0.00	22.19 1.14 0.00	22.16 1.08 0.00	22.89 1.07 0.00	25.79 0.90 0.00	31.73 0.98 0.00	37.48 -0.25 -2.55	36.24 -0.27 -6.27	30.88 -0.37 -2.88	24.05 -0.24 -2.49	21.57 -0.37 -1.61	14.48 -0.10 -3.73	12.84 -0.04 -3.71
HOWARD_WT_PWR 323690	19.18 0.47 -0.44	15.64 0.40 -0.92	15.16 0.39 -1.32	15.67 0.44 -1.04	17.08 0.62 -0.45	19.98 1.25 0.00	29.71 1.36 -0.06	33.28 1.11 -2.23	28.71 0.97 -1.49	23.72 1.13 0.00	23.33 1.32 0.00	22.97 1.36 0.00	22.34 1.28 0.00	22.35 1.26 0.00	23.06 1.24 0.00	26.07 1.17 0.00	32.35 1.60 0.00	39.03 1.20 -2.66	37.75 0.97 -6.54	32.14 0.77 -3.01	25.07 0.68 -2.60	22.51 0.51 -1.68	15.06 0.31 -3.90	13.32 0.28 -3.87
HQ_GEN_CEDARS 23644	17.70 -0.57 0.00	13.90 -0.42 0.00	13.05 -0.40 0.00	13.78 -0.41 0.00	15.44 -0.56 0.00	17.95 -0.77 0.01	27.21 -1.07 0.00	28.92 -1.02 0.00	25.52 -0.74 0.00	22.05 -0.54 0.00	21.48 -0.53 0.00	21.05 -0.56 0.00	20.44 -0.61 0.00	20.41 -0.67 0.00	21.12 -0.70 0.00	24.12 -0.77 0.00	29.83 -0.92 0.00	34.16 -1.02 0.00	29.34 -0.91 0.00	27.57 -0.79 0.00	21.06 -0.74 0.00	19.63 -0.69 0.00	8.93 -0.36 1.56	8.89 -0.27 0.00
HQ_GEN_CEDARS_PROXY 323590	17.70 -0.57 0.00	13.90 -0.42 0.00	13.05 -0.40 0.00	13.78 -0.41 0.00	15.44 -0.56 0.00	17.95 -0.77 0.01	27.21 -1.07 0.00	28.92 -1.02 0.00	25.52 -0.73 0.00	22.05 -0.54 0.00	21.48 -0.53 0.00	21.05 -0.56 0.00	20.44 -0.61 0.00	20.41 -0.68 0.00	21.12 -0.70 0.00	24.12 -0.77 0.00	29.83 -0.92 0.00	34.16 -1.02 0.00	29.34 -0.91 0.00	27.57 -0.79 0.00	21.06 -0.74 0.00	19.61 -0.71 0.00	8.93 -0.36 1.56	8.89 -0.27 0.00
HQ_GEN_IMPORT 323601	17.90 -0.37 0.00	14.04 -0.27 0.00	13.19 -0.26 0.00	13.92 -0.27 0.00	15.66 -0.34 0.00	18.27 -0.45 0.00	27.66 -0.62 0.00	29.34 -0.60 0.00	25.78 -0.47 0.00	22.20 -0.38 0.00	21.63 -0.37 0.00	21.24 -0.37 0.00	20.68 -0.38 0.00	20.70 -0.38 0.00	21.43 -0.39 0.00	24.45 -0.45 0.00	30.20 -0.55 0.00	34.55 -0.63 0.00	29.70 -0.54 0.00	27.89 -0.48 0.00	21.39 -0.41 0.00	19.92 -0.41 0.00	10.27 -0.23 0.34	8.98 -0.18 0.00
HQ_GEN_WHEEL 23651	17.90 -0.37 0.00	14.04 -0.27 0.00	13.19 -0.26 0.00	13.92 -0.27 0.00	15.66 -0.34 0.00	18.27 -0.45 0.00	27.66 -0.62 0.00	29.34 -0.60 0.00	25.78 -0.47 0.00	22.20 -0.38 0.00	21.63 -0.37 0.00	21.24 -0.37 0.00	20.68 -0.38 0.00	20.70 -0.38 0.00	21.43 -0.39 0.00	24.45 -0.45 0.00	30.20 -0.55 0.00	34.55 -0.63 0.00	29.70 -0.54 0.00	27.89 -0.48 0.00	21.39 -0.41 0.00	19.92 -0.41 0.00	10.27 -0.23 0.34	8.98 -0.18 0.00
HUDSON_AVE_GT_3 23810	21.03 1.44 -1.32	18.15 1.06 -2.78	18.38 0.95 -3.97	18.30 0.98 -3.14	18.44 1.07 -1.37	20.09 1.37 0.00	30.74 2.26 -0.19	39.35 2.69 -6.72	33.04 2.31 -4.48	24.73 2.15 -0.08	24.20 2.11 -4.56	28.23 2.05 -7.00	30.09 2.04 -6.93	30.05 2.04 -6.93	30.42 2.14 -6.46	31.93 2.49 -4.55	33.73 2.98 0.00	47.04 3.52 -8.35	53.82 3.02 -20.55	40.63 2.81 -9.45	32.01 2.05 -8.16	27.29 1.69 -5.28	24.01 0.91 -12.25	22.04 0.71 -12.16

HUDSON AVE_GT_4 23540	21.03 1.44 -1.32	18.15 1.06 -2.78	18.38 0.95 -3.97	18.30 0.98 -3.14	18.44 1.07 -1.37	20.09 1.37 0.00	30.74 2.26 -0.19	39.35 2.69 -6.72	33.04 2.31 -4.48	24.73 2.15 0.00	24.20 2.11 -0.08	28.23 2.05 -4.56	30.09 2.04 -7.00	30.05 2.04 -6.93	30.42 2.14 -6.46	31.93 2.49 -4.55	33.73 2.98 0.00	47.04 3.52 -8.35	53.82 3.02 -20.55	40.63 2.81 -9.45	32.01 2.05 -8.16	27.29 1.69 -5.28	24.01 0.91 -12.25	22.04 0.71 -12.16
HUDSON AVE_GT_5 23657	21.03 1.44 -1.32	18.15 1.06 -2.78	18.38 0.95 -3.97	18.30 0.98 -3.14	18.44 1.07 -1.37	20.09 1.37 0.00	30.74 2.26 -0.19	39.35 2.69 -6.72	33.04 2.31 -4.48	24.73 2.15 0.00	24.20 2.11 -0.08	28.23 2.05 -4.56	30.09 2.04 -7.00	30.05 2.04 -6.93	30.42 2.14 -6.46	31.93 2.49 -4.55	33.73 2.98 0.00	47.04 3.52 -8.35	53.82 3.02 -20.55	40.63 2.81 -9.45	32.01 2.05 -8.16	27.29 1.69 -5.28	24.01 0.91 -12.25	22.04 0.71 -12.16
HUDSON_AVE_10 24168	20.99 1.41 -1.32	18.11 1.02 -2.78	18.33 0.91 -3.97	18.26 0.94 -3.14	18.39 1.02 -1.37	20.03 1.31 0.00	30.72 2.23 -0.19	39.32 2.66 -6.72	33.04 2.31 -4.48	24.71 2.12 0.00	24.18 2.09 -0.08	28.23 2.05 -4.56	30.09 2.04 -7.00	30.05 2.04 -6.93	30.44 2.16 -6.46	31.93 2.49 -4.55	33.73 2.98 0.00	47.08 3.55 -8.35	53.82 3.02 -20.55	40.63 2.81 -9.45	32.01 2.05 -8.16	27.27 1.67 -5.28	23.99 0.90 -12.25	22.02 0.70 -12.16
HUDSON___115KV_TB 4 355613	20.57 0.75 -1.56	18.18 0.59 -3.28	18.69 0.55 -4.69	18.47 0.58 -3.70	18.30 0.69 -1.61	19.68 0.95 0.00	30.10 1.58 -0.23	39.46 1.59 -7.93	32.91 1.37 -5.29	23.69 1.11 0.00	22.96 0.99 0.04	22.44 0.89 0.06	21.92 0.88 0.02	21.97 0.89 0.00	22.80 0.98 0.00	26.09 1.19 0.00	32.41 1.66 0.00	47.04 2.01 -9.85	56.29 1.78 -24.26	41.11 1.59 -11.15	32.65 1.22 -9.63	27.53 0.98 -6.23	25.71 0.41 -14.45	23.86 0.35 -14.35
HUNTER MOUNT___DRP 323613	20.51 0.73 -1.51	18.07 0.57 -3.18	18.56 0.55 -4.55	18.37 0.58 -3.60	18.26 0.69 -1.57	19.73 1.01 0.00	30.21 1.70 -0.22	39.23 1.59 -7.71	32.76 1.37 -5.14	23.69 1.11 0.00	22.99 1.01 0.02	22.48 0.91 0.04	21.95 0.91 0.01	21.95 0.86 0.00	22.80 0.98 0.00	26.07 1.17 0.00	32.41 1.66 0.00	46.80 2.04 -9.58	55.64 1.81 -23.58	40.80 1.59 -10.84	32.36 1.20 -9.36	27.32 0.93 -6.06	25.26 0.36 -14.05	23.43 0.32 -13.95
HUNTINGTON_RES_REC 323705	22.98 1.88 -2.83	21.24 1.39 -5.54	20.59 1.29 -5.85	20.79 1.35 -5.25	22.60 1.42 -5.17	24.20 1.82 -3.67	32.05 2.89 -0.88	40.04 3.38 -6.72	33.04 3.07 -3.72	30.66 2.73 -5.34	27.66 2.66 -2.99	28.51 2.59 -4.31	28.19 2.59 -4.55	28.16 2.61 -4.46	29.01 2.73 -4.46	28.28 3.16 -0.22	37.99 3.72 -3.52	46.73 4.40 -7.16	37.80 3.78 -3.78	16.13 3.49 15.73	40.08 2.59 -15.68	28.55 2.22 -6.01	26.82 1.08 -14.89	26.55 0.90 -16.49
HUNTLEY___63 23557	18.67 0.04 -0.36	15.21 0.13 -0.77	14.68 0.13 -1.10	15.21 0.16 -0.87	16.63 0.26 -0.38	19.43 0.71 0.00	28.57 0.23 -0.05	31.53 -0.27 -1.86	27.36 -0.13 -1.24	22.66 0.07 0.00	22.38 0.37 0.00	22.17 0.56 0.00	21.60 0.55 0.00	21.57 0.48 0.00	22.30 0.48 0.00	25.09 0.20 0.00	30.69 -0.06 0.00	37.17 -0.32 -2.31	35.59 -0.33 -5.68	30.58 -0.40 -2.61	23.88 -0.17 -2.26	21.54 -0.24 -1.46	14.29 0.05 -3.39	12.66 0.14 -3.36
HUNTLEY___64 23558	18.67 0.04 -0.36	15.21 0.13 -0.77	14.68 0.13 -1.10	15.21 0.16 -0.87	16.63 0.26 -0.38	19.43 0.71 0.00	28.57 0.23 -0.05	31.53 -0.27 -1.86	27.36 -0.13 -1.24	22.66 0.07 0.00	22.38 0.37 0.00	22.17 0.56 0.00	21.60 0.55 0.00	21.57 0.48 0.00	22.30 0.48 0.00	25.09 0.20 0.00	30.69 -0.06 0.00	37.17 -0.32 -2.31	35.59 -0.33 -5.68	30.58 -0.40 -2.61	23.88 -0.17 -2.26	21.54 -0.24 -1.46	14.29 0.05 -3.39	12.66 0.14 -3.36
HUNTLEY___65 23559	18.67 0.04 -0.36	15.21 0.13 -0.77	14.68 0.13 -1.10	15.21 0.16 -0.87	16.63 0.26 -0.38	19.43 0.71 0.00	28.57 0.23 -0.05	31.53 -0.27 -1.86	27.36 -0.13 -1.24	22.66 0.07 0.00	22.38 0.37 0.00	22.17 0.56 0.00	21.60 0.55 0.00	21.57 0.48 0.00	22.30 0.48 0.00	25.09 0.20 0.00	30.69 -0.06 0.00	37.17 -0.32 -2.31	35.59 -0.33 -5.68	30.58 -0.40 -2.61	23.88 -0.17 -2.26	21.54 -0.24 -1.46	14.29 0.05 -3.39	12.66 0.14 -3.36
HUNTLEY___66 23560	18.67 0.04 -0.36	15.21 0.13 -0.77	14.68 0.13 -1.10	15.21 0.16 -0.87	16.63 0.26 -0.38	19.43 0.71 0.00	28.57 0.23 -0.05	31.53 -0.27 -1.86	27.36 -0.13 -1.24	22.66 0.07 0.00	22.38 0.37 0.00	22.17 0.56 0.00	21.60 0.55 0.00	21.57 0.48 0.00	22.30 0.48 0.00	25.09 0.20 0.00	30.69 -0.06 0.00	37.17 -0.32 -2.31	35.59 -0.33 -5.68	30.58 -0.40 -2.61	23.88 -0.17 -2.26	21.54 -0.24 -1.46	14.29 0.05 -3.39	12.66 0.14 -3.36
HUNTLEY___67 23561	18.60 -0.04 -0.37	15.15 0.06 -0.78	14.63 0.07 -1.11	15.17 0.10 -0.88	16.56 0.18 -0.38	19.34 0.62 0.00	28.45 0.11 -0.05	31.40 -0.42 -1.88	27.25 -0.26 -1.26	22.59 0.00 0.00	22.29 0.29 0.00	22.07 0.45 0.00	21.50 0.44 0.00	21.46 0.38 0.00	22.19 0.37 0.00	24.97 0.07 0.00	30.53 -0.22 0.00	36.99 -0.53 -2.34	35.52 -0.48 -5.76	30.48 -0.54 -2.65	23.81 -0.28 -2.29	21.48 -0.33 -1.48	14.28 0.00 -3.43	12.67 0.09 -3.41
HUNTLEY___68 23562	18.60 -0.04 -0.37	15.15 0.06 -0.78	14.63 0.07 -1.11	15.17 0.10 -0.88	16.56 0.18 -0.38	19.34 0.62 0.00	28.45 0.11 -0.05	31.40 -0.42 -1.88	27.25 -0.26 -1.26	22.59 0.00 0.00	22.29 0.29 0.00	22.07 0.45 0.00	21.50 0.44 0.00	21.46 0.38 0.00	22.19 0.37 0.00	24.97 0.07 0.00	30.53 -0.22 0.00	36.99 -0.53 -2.34	35.52 -0.48 -5.76	30.48 -0.54 -2.65	23.81 -0.28 -2.29	21.48 -0.33 -1.48	14.28 0.00 -3.43	12.67 0.09 -3.41
HYLAND___LFGE 323620	19.66 1.00 -0.39	15.91 0.77 -0.82	15.37 0.74 -1.18	15.91 0.79 -0.93	17.43 1.03 -0.40	20.29 1.57 0.00	30.49 2.15 -0.06	34.11 2.18 -1.99	29.37 1.79 -1.33	23.87 1.29 0.00	23.39 1.39 0.00	22.97 1.36 0.00	22.30 1.24 0.00	22.28 1.20 0.00	22.99 1.18 0.00	26.16 1.27 0.00	32.59 1.84 0.00	39.70 2.15 -2.37	38.18 2.09 -5.85	32.96 1.90 -2.69	25.67 1.55 -2.32	23.17 1.34 -1.50	15.02 0.69 -3.48	13.22 0.60 -3.46
INDECK___CORINTH 23802	20.98 1.08 -1.64	18.59 0.83 -3.45	19.30 0.92 -4.93	19.05 0.97 -3.90	18.96 1.26 -1.70	20.35 1.63 0.00	31.19 2.66 -0.24	41.22 2.94 -8.35	34.39 2.57 -5.57	24.71 2.12 0.00	23.87 1.91 0.05	23.31 1.77 0.08	22.75 1.73 0.03	22.81 1.73 0.00	23.67 1.85 0.00	27.09 2.19 0.00	33.27 2.52 0.00	48.80 2.92 -10.70	59.22 2.63 -26.34	42.78 2.30 -12.11	34.05 1.79 -10.46	28.56 1.46 -6.77	27.18 0.64 -15.70	25.25 0.50 -15.58
INDECK___ILION 23567	18.59 0.29 -0.03	14.61 0.23 -0.07	13.76 0.22 -0.10	14.48 0.21 -0.08	16.29 0.26 -0.03	19.06 0.34 0.00	28.83 0.54 0.00	30.58 0.48 -0.17	26.76 0.39 -0.11	22.90 0.32 0.00	22.31 0.31 0.00	21.91 0.30 0.00	21.33 0.27 0.00	21.33 0.25 0.00	22.08 0.26 0.00	25.19 0.30 0.00	31.18 0.43 0.00	35.88 0.49 -0.21	31.18 0.42 -0.51	28.97 0.37 -0.23	22.26 0.26 -0.20	20.72 0.26 -0.13	11.41 0.16 -0.40	9.60 0.14 -0.30

INDECK___OLEAN 23982	18.45 -0.22 -0.40	15.03 -0.13 -0.85	14.55 -0.11 -1.21	15.06 -0.08 -0.96	16.42 0.00 -0.42	19.83 1.10 0.00	28.66 0.31 -0.06	31.81 -0.18 -2.05	27.46 -0.16 -1.37	23.40 0.81 0.00	23.11 1.10 0.00	22.80 1.19 0.00	22.19 1.14 0.00	22.16 1.07 0.00	22.89 1.07 0.00	25.77 0.87 0.00	31.89 1.14 0.00	37.37 -0.24 -2.44	35.98 -0.27 -6.01	30.74 -0.40 -2.76	23.95 -0.24 -2.39	21.52 -0.35 -1.54	14.33 -0.10 -3.58	12.68 -0.04 -3.56
INDECK___OSWEGO 23783	18.30 -0.20 -0.23	14.64 -0.16 -0.48	14.00 -0.15 -0.69	14.58 -0.16 -0.55	16.10 -0.14 -0.24	18.57 -0.15 0.00	28.01 -0.31 -0.03	30.57 -0.54 -1.17	26.48 -0.55 -0.78	22.11 -0.48 0.00	21.54 -0.46 0.00	21.18 -0.43 0.00	20.61 -0.44 0.00	20.66 -0.42 0.00	21.34 -0.48 0.00	24.32 -0.57 0.00	30.04 -0.71 0.00	35.74 -0.84 -1.41	33.01 -0.69 -3.46	29.31 -0.65 -1.59	22.76 -0.41 -1.38	20.97 -0.24 -0.89	12.82 -0.09 -2.06	11.13 -0.08 -2.05
INDECK___YERKES 23781	18.69 0.05 -0.36	15.21 0.13 -0.77	14.68 0.13 -1.10	15.23 0.17 -0.87	16.65 0.27 -0.38	19.45 0.73 0.00	28.59 0.25 -0.05	31.55 -0.24 -1.86	27.36 -0.13 -1.24	22.68 0.09 0.00	22.49 0.48 0.00	22.20 0.58 0.00	21.62 0.57 0.00	21.59 0.51 0.00	22.32 0.50 0.00	25.07 0.18 0.00	30.90 0.15 0.00	37.08 -0.32 -2.22	35.40 -0.30 -5.46	30.51 -0.37 -2.51	23.81 -0.15 -2.17	21.54 -0.18 -1.40	14.16 0.07 -3.25	12.54 0.15 -3.23
INDIAN POINT_GT_1 24139	20.80 1.24 -1.30	17.96 0.92 -2.73	18.19 0.83 -3.90	18.13 0.87 -3.08	18.30 0.96 -1.34	19.90 1.18 0.00	30.37 1.90 -0.19	38.79 2.25 -6.60	32.62 1.97 -4.40	24.33 1.74 0.00	23.80 1.74 -0.05	23.36 1.66 -0.08	22.73 1.64 -0.03	22.75 1.67 0.00	23.56 1.75 0.00	26.94 2.04 0.00	33.21 2.46 0.00	46.34 2.95 -8.20	52.98 2.54 -20.20	39.98 2.33 -9.29	31.54 1.72 -8.02	26.92 1.40 -5.19	23.62 0.74 -12.04	21.71 0.60 -11.95
INDIAN POINT_GT_2 23659	20.80 1.24 -1.30	17.96 0.92 -2.73	18.19 0.83 -3.90	18.13 0.87 -3.08	18.30 0.96 -1.34	19.90 1.18 0.00	30.37 1.90 -0.19	38.79 2.25 -6.60	32.62 1.97 -4.40	24.33 1.74 0.00	23.80 1.74 -0.05	23.36 1.66 -0.08	22.73 1.64 -0.03	22.75 1.67 0.00	23.56 1.75 0.00	26.94 2.04 0.00	33.21 2.46 0.00	46.34 2.95 -8.20	52.98 2.54 -20.20	39.98 2.33 -9.29	31.54 1.72 -8.02	26.92 1.40 -5.19	23.62 0.74 -12.04	21.71 0.60 -11.95
INDIAN POINT_GT_3 24019	20.80 1.24 -1.30	17.96 0.92 -2.73	18.19 0.83 -3.90	18.13 0.87 -3.08	18.30 0.96 -1.34	19.90 1.18 0.00	30.37 1.90 -0.19	38.79 2.25 -6.60	32.62 1.97 -4.40	24.33 1.74 0.00	23.80 1.74 -0.05	23.36 1.66 -0.08	22.73 1.64 -0.03	22.75 1.67 0.00	23.56 1.75 0.00	26.94 2.04 0.00	33.21 2.46 0.00	46.34 2.95 -8.20	52.98 2.54 -20.20	39.98 2.33 -9.29	31.54 1.72 -8.02	26.92 1.40 -5.19	23.62 0.74 -12.04	21.71 0.60 -11.95
INDIAN POINT___2 23530	20.74 1.22 -1.25	17.85 0.90 -2.64	18.04 0.82 -3.77	18.02 0.85 -2.98	18.23 0.93 -1.30	19.86 1.14 0.00	30.31 1.84 -0.18	38.51 2.18 -6.39	32.40 1.89 -4.26	24.28 1.69 0.00	23.71 1.65 -0.05	23.29 1.60 -0.07	22.68 1.60 -0.03	22.68 1.60 0.00	23.52 1.70 0.00	26.86 1.97 0.00	33.12 2.37 0.00	45.99 2.85 -7.97	52.31 2.45 -19.62	39.66 2.27 -9.02	31.24 1.66 -7.79	26.71 1.34 -5.04	23.25 0.72 -11.69	21.35 0.58 -11.61
INDIAN POINT___3 23531	20.85 1.26 -1.33	18.05 0.94 -2.79	18.31 0.86 -4.00	18.23 0.88 -3.16	18.35 0.98 -1.37	19.94 1.22 0.00	30.46 1.98 -0.19	39.04 2.34 -6.77	32.79 2.02 -4.51	24.39 1.81 0.00	23.85 1.78 -0.06	23.43 1.73 -0.08	22.79 1.71 -0.03	22.81 1.73 0.00	23.63 1.81 0.00	27.01 2.12 0.00	33.30 2.55 0.00	46.58 2.99 -8.41	53.52 2.57 -20.70	40.27 2.38 -9.52	31.78 1.77 -8.22	27.09 1.44 -5.32	23.94 0.76 -12.34	22.02 0.61 -12.25
INGHAM_C_115KV_TB7 356103	18.83 0.53 -0.03	14.80 0.42 -0.07	13.92 0.38 -0.10	14.66 0.40 -0.08	16.50 0.46 -0.03	19.30 0.58 0.00	29.20 0.91 0.00	30.88 0.78 -0.17	27.02 0.66 -0.11	23.13 0.54 0.00	22.53 0.53 0.00	22.15 0.54 0.00	21.52 0.46 0.00	21.52 0.44 0.00	22.25 0.44 0.00	25.39 0.50 0.00	31.42 0.68 0.00	36.16 0.77 -0.21	31.42 0.67 -0.51	29.17 0.57 -0.23	22.39 0.39 -0.20	20.86 0.41 -0.13	11.53 0.28 -0.40	9.70 0.24 -0.30
IP CORINTH___1 23988	20.98 1.08 -1.64	18.59 0.83 -3.45	19.30 0.91 -4.93	19.05 0.96 -3.90	18.96 1.26 -1.70	20.35 1.63 0.00	31.19 2.66 -0.24	41.22 2.93 -8.35	34.39 2.57 -5.57	24.71 2.12 0.00	23.87 1.91 0.05	23.31 1.77 0.08	22.75 1.73 0.03	22.81 1.73 0.00	23.67 1.85 0.00	27.09 2.19 0.00	33.30 2.55 0.00	48.50 2.95 -10.37	58.41 2.63 -25.53	42.41 2.30 -11.74	33.72 1.79 -10.14	28.35 1.46 -6.56	26.70 0.64 -15.21	24.77 0.50 -15.10
IP___TICONDEROGA 23804	21.82 1.92 -1.64	19.26 1.50 -3.45	19.93 1.55 -4.93	19.70 1.62 -3.89	19.73 2.03 -1.69	21.29 2.56 0.00	32.74 4.21 -0.24	42.83 4.55 -8.34	35.80 3.99 -5.56	25.89 3.30 0.00	24.93 2.97 0.05	24.26 2.72 0.08	23.43 2.40 0.03	23.48 2.40 0.00	24.37 2.55 0.00	27.91 3.01 0.00	34.50 3.75 0.00	49.94 4.40 -10.36	59.72 3.96 -25.52	43.96 3.86 -11.73	34.94 3.01 -10.13	29.40 2.52 -6.56	27.19 1.14 -15.20	25.16 0.90 -15.09
ISLIP_RES_REC 323679	23.12 2.03 -2.83	21.34 1.49 -5.54	20.70 1.40 -5.85	20.90 1.46 -5.25	22.74 1.57 -5.17	24.41 2.02 -3.67	32.36 3.20 -0.88	40.34 3.68 -6.72	35.73 3.31 -6.17	30.99 3.00 -5.40	27.97 2.93 -3.04	28.75 2.83 -4.31	28.50 2.84 -4.60	28.44 2.84 -4.52	29.28 2.94 -4.52	33.52 3.36 -5.27	38.29 3.97 -3.57	61.96 4.64 -22.14	99.00 3.96 -64.80	109.41 3.69 -77.36	40.29 2.75 -15.74	34.04 2.38 -11.34	33.15 1.14 -21.16	26.69 0.98 -16.54
JAMAICA__27_KV_LOAD 355505	21.06 1.48 -1.32	18.15 1.06 -2.78	18.38 0.95 -3.97	18.29 0.96 -3.14	18.42 1.06 -1.37	20.13 1.40 0.00	30.91 2.43 -0.19	39.62 2.96 -6.72	33.33 2.60 -4.48	24.94 2.35 0.00	24.37 2.29 -0.08	28.49 2.31 -4.56	30.37 2.32 -7.00	30.33 2.32 -6.93	30.72 2.44 -6.46	32.28 2.84 -4.55	34.13 3.38 0.00	47.54 4.01 -8.35	54.22 3.42 -20.55	41.00 3.18 -9.45	32.27 2.31 -8.16	27.48 1.87 -5.28	24.08 0.99 -12.25	22.07 0.74 -12.16
JANIS___SOLAR 323808	19.86 1.06 -0.53	16.24 0.80 -1.12	15.82 0.77 -1.60	16.25 0.79 -1.27	17.55 0.99 -0.55	20.13 1.40 0.00	30.49 2.12 -0.08	34.81 2.16 -2.71	29.79 1.73 -1.81	23.99 1.40 0.00	23.33 1.32 0.00	22.87 1.25 0.00	22.17 1.12 0.00	22.22 1.14 0.00	22.99 1.18 0.00	26.29 1.39 0.00	32.81 2.06 0.00	40.67 2.39 -3.10	40.01 2.15 -7.62	33.83 1.96 -3.50	26.26 1.44 -3.03	23.60 1.32 -1.96	16.07 0.68 -4.54	14.23 0.56 -4.51
JARVIS____ 23743	18.39 0.09 -0.03	14.45 0.07 -0.07	13.62 0.07 -0.10	14.34 0.07 -0.08	16.12 0.08 -0.03	18.83 0.11 0.00	28.46 0.17 0.00	30.28 0.18 -0.17	26.52 0.16 -0.11	22.70 0.11 0.00	22.09 0.09 0.00	21.70 0.09 0.00	21.14 0.08 0.00	21.17 0.08 0.00	21.91 0.09 0.00	25.02 0.13 0.00	30.90 0.15 0.00	35.59 0.21 -0.20	30.91 0.18 -0.49	28.74 0.14 -0.22	22.10 0.11 -0.19	20.55 0.10 -0.13	11.29 0.05 -0.39	9.49 0.04 -0.29

JENNISON___1 23625	20.05 1.13 -0.65	16.54 0.86 -1.37	16.23 0.82 -1.96	16.59 0.85 -1.55	17.71 1.04 -0.67	20.16 1.44 0.00	30.56 2.18 -0.10	35.56 2.31 -3.31	30.40 1.94 -2.21	24.19 1.60 0.00	23.57 1.56 0.00	23.15 1.53 0.00	22.46 1.41 0.00	22.49 1.41 0.00	23.30 1.48 0.00	26.61 1.72 0.00	33.12 2.37 0.00	41.97 2.67 -4.12	42.71 2.33 -10.14	35.19 2.16 -4.66	27.39 1.57 -4.02	24.33 1.40 -2.60	17.60 0.72 -6.04	15.75 0.59 -6.00
JENNISON___2 23626	20.05 1.13 -0.65	16.54 0.86 -1.37	16.23 0.82 -1.96	16.59 0.85 -1.55	17.71 1.04 -0.67	20.16 1.44 0.00	30.56 2.18 -0.10	35.56 2.31 -3.31	30.40 1.94 -2.21	24.19 1.60 0.00	23.57 1.56 0.00	23.15 1.53 0.00	22.46 1.41 0.00	22.49 1.41 0.00	23.30 1.48 0.00	26.61 1.72 0.00	33.12 2.37 0.00	41.97 2.67 -4.12	42.71 2.33 -10.14	35.19 2.16 -4.66	27.39 1.57 -4.02	24.33 1.40 -2.60	17.60 0.72 -6.04	15.75 0.59 -6.00
JERICHO_RISE_WT_PWR 323719	17.43 -0.84 0.00	13.67 -0.64 0.00	12.85 -0.61 0.00	13.55 -0.64 0.00	15.25 -0.75 0.00	17.65 -1.07 0.01	26.87 -1.41 0.00	28.56 -1.38 0.00	25.31 -0.94 0.00	22.00 -0.59 0.00	21.54 -0.46 0.00	21.16 -0.45 0.00	20.65 -0.40 0.00	20.64 -0.44 0.00	21.36 -0.46 0.00	24.40 -0.50 0.00	30.20 -0.55 0.00	34.30 -0.88 0.00	29.61 -0.64 0.00	28.03 -0.34 0.00	21.21 -0.59 0.00	19.65 -0.67 0.00	8.74 -0.49 1.62	8.73 -0.43 0.00
KATONAH___115KV_46KV_TB4 355592	20.93 1.33 -1.33	18.11 0.99 -2.81	18.38 0.91 -4.02	18.31 0.95 -3.17	18.42 1.04 -1.38	20.03 1.31 0.00	30.58 2.09 -0.20	39.25 2.51 -6.80	32.96 2.18 -4.53	24.55 1.97 0.00	24.02 1.96 -0.05	23.55 1.86 -0.08	22.92 1.83 -0.03	22.94 1.86 0.00	23.76 1.94 0.00	27.19 2.29 0.00	33.45 2.71 0.00	46.86 3.24 -8.44	53.88 2.84 -20.79	40.54 2.61 -9.56	31.99 1.94 -8.25	27.19 1.52 -5.34	24.03 0.79 -12.39	22.08 0.62 -12.30
KCE_NY_1 323755	21.02 1.11 -1.64	18.63 0.87 -3.44	19.24 0.86 -4.92	18.99 0.91 -3.89	18.80 1.10 -1.69	20.11 1.39 0.00	30.76 2.23 -0.24	40.70 2.42 -8.34	33.94 2.13 -5.56	24.35 1.76 0.00	23.54 1.59 0.05	23.00 1.47 0.08	22.50 1.47 0.03	22.56 1.48 0.00	23.39 1.57 0.00	26.76 1.87 0.00	33.06 2.31 0.00	48.56 2.71 -10.67	58.94 2.42 -26.28	42.64 2.18 -12.08	33.93 1.70 -10.43	28.50 1.42 -6.75	27.17 0.66 -15.66	25.24 0.53 -15.54
KCE_NY_6_ESR 323823	18.72 0.07 -0.38	15.24 0.13 -0.79	14.72 0.13 -1.14	15.26 0.17 -0.90	16.66 0.27 -0.39	19.62 0.90 0.00	28.77 0.42 -0.06	31.77 0.00 -1.92	27.53 0.00 -1.28	22.97 0.38 0.00	22.75 0.75 0.00	22.45 0.84 0.00	21.87 0.82 0.00	21.84 0.76 0.00	22.58 0.76 0.00	25.37 0.47 0.00	31.27 0.52 0.00	37.37 -0.11 -2.29	35.74 -0.15 -5.65	30.71 -0.26 -2.60	23.98 -0.07 -2.24	21.66 -0.12 -1.45	14.29 0.08 -3.37	12.64 0.14 -3.34
KEDC_PORT_JEFF_GT2 24210	23.00 1.90 -2.83	21.25 1.40 -5.54	20.62 1.32 -5.85	20.82 1.38 -5.25	22.63 1.46 -5.17	24.28 1.89 -3.67	32.13 2.97 -0.88	39.95 3.29 -6.72	35.94 3.10 -6.59	30.77 2.78 -5.41	27.78 2.73 -3.05	28.56 2.64 -4.31	28.32 2.65 -4.61	28.29 2.68 -4.53	29.12 2.77 -4.53	34.16 3.14 -6.13	37.93 3.60 -3.58	64.13 4.25 -24.70	109.12 3.66 -75.22	125.00 3.37 -93.25	40.05 2.51 -15.75	34.75 2.18 -12.25	34.15 1.06 -22.24	26.65 0.94 -16.55
KEDC_PORT_JEFF_GT3 24211	23.00 1.90 -2.83	21.25 1.40 -5.54	20.62 1.32 -5.85	20.82 1.38 -5.25	22.63 1.46 -5.17	24.28 1.89 -3.67	32.13 2.97 -0.88	39.95 3.29 -6.72	35.94 3.10 -6.59	30.77 2.78 -5.41	27.78 2.73 -3.05	28.56 2.64 -4.31	28.32 2.65 -4.61	28.29 2.68 -4.53	29.12 2.77 -4.53	34.16 3.14 -6.13	37.93 3.60 -3.58	64.13 4.25 -24.70	109.12 3.66 -75.22	125.00 3.37 -93.25	40.05 2.51 -15.75	34.75 2.18 -12.25	34.15 1.06 -22.24	26.65 0.94 -16.55
KEDC_GLWD_GT4 24219	22.80 1.70 -2.83	21.12 1.27 -5.54	20.47 1.17 -5.85	20.65 1.21 -5.25	22.52 1.34 -5.17	24.05 1.67 -3.67	31.85 2.69 -0.88	39.80 3.14 -6.72	33.48 2.73 -4.49	30.41 2.46 -5.36	27.41 2.40 -3.01	28.30 2.38 -4.31	27.96 2.34 -4.57	27.92 2.36 -4.48	28.76 2.46 -4.48	29.56 2.86 -1.81	37.70 3.41 -3.54	51.09 4.04 -11.86	56.63 3.45 -22.94	45.08 3.20 -13.50	39.90 2.40 -15.70	30.00 1.99 -7.69	28.74 1.03 -16.86	26.50 0.83 -16.50
KEDC_GLWD_GT5 24220	22.80 1.70 -2.83	21.12 1.27 -5.54	20.47 1.17 -5.85	20.65 1.21 -5.25	22.52 1.34 -5.17	24.05 1.67 -3.67	31.85 2.69 -0.88	39.80 3.14 -6.72	33.48 2.73 -4.49	30.41 2.46 -5.36	27.41 2.40 -3.01	28.30 2.38 -4.31	27.96 2.34 -4.57	27.92 2.36 -4.48	28.76 2.46 -4.48	29.56 2.86 -1.81	37.70 3.41 -3.54	51.09 4.04 -11.86	56.63 3.45 -22.94	45.08 3.20 -13.50	39.90 2.40 -15.70	30.00 1.99 -7.69	28.74 1.03 -16.86	26.50 0.83 -16.50
KENSICO____ 23655	20.88 1.30 -1.32	18.04 0.96 -2.77	18.29 0.87 -3.96	18.23 0.91 -3.13	18.36 0.99 -1.36	19.98 1.25 0.00	30.49 2.01 -0.19	39.04 2.40 -6.71	32.80 2.07 -4.47	24.46 1.87 0.00	23.91 1.85 -0.06	23.47 1.77 -0.08	22.85 1.77 -0.03	22.85 1.77 0.00	23.70 1.88 0.00	27.06 2.17 0.00	33.36 2.61 0.00	46.61 3.10 -8.34	53.43 2.66 -20.52	40.25 2.44 -9.44	31.76 1.81 -8.15	27.08 1.48 -5.27	23.86 0.78 -12.23	21.94 0.63 -12.14
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	20.77 1.30 -1.21	17.79 0.93 -2.54	17.95 0.86 -3.64	17.94 0.88 -2.88	18.23 0.98 -1.25	19.90 1.18 0.00	30.39 1.92 -0.18	38.13 2.04 -6.16	32.12 1.76 -4.11	24.08 1.49 0.00	23.53 1.50 -0.03	23.10 1.45 -0.04	22.50 1.43 -0.01	22.54 1.45 0.00	23.35 1.53 0.00	26.69 1.79 0.00	32.99 2.24 0.00	45.65 2.81 -7.65	51.54 2.45 -18.84	39.25 2.21 -8.66	30.89 1.61 -7.48	26.45 1.28 -4.84	22.77 0.69 -11.23	20.91 0.60 -11.15
KIAC_JFK_GT1 23816	21.01 1.42 -1.32	18.12 1.03 -2.78	18.33 0.91 -3.97	18.26 0.94 -3.14	18.39 1.02 -1.37	20.07 1.35 0.00	30.86 2.38 -0.19	39.56 2.90 -6.72	33.28 2.55 -4.48	24.87 2.28 0.00	24.33 2.24 -0.08	28.44 2.27 -4.56	30.30 2.25 -7.00	30.28 2.28 -6.93	30.68 2.40 -6.46	32.21 2.76 -4.55	34.04 3.29 0.00	47.43 3.90 -8.35	54.16 3.36 -20.55	40.91 3.09 -9.45	32.21 2.25 -8.16	27.44 1.83 -5.28	24.05 0.95 -12.25	22.04 0.71 -12.16
KIAC_JFK_GT2 23817	21.01 1.42 -1.32	18.12 1.03 -2.78	18.33 0.91 -3.97	18.26 0.94 -3.14	18.39 1.02 -1.37	20.07 1.35 0.00	30.86 2.38 -0.19	39.56 2.90 -6.72	33.28 2.55 -4.48	24.87 2.28 0.00	24.33 2.24 -0.08	28.44 2.27 -4.56	30.30 2.25 -7.00	30.28 2.28 -6.93	30.68 2.40 -6.46	32.21 2.76 -4.55	34.04 3.29 0.00	47.43 3.90 -8.35	54.16 3.36 -20.55	40.91 3.09 -9.45	32.21 2.25 -8.16	27.44 1.83 -5.28	24.05 0.95 -12.25	22.04 0.71 -12.16
KIAC_JFK____ 323774	21.01 1.43 -1.32	18.12 1.03 -2.78	18.34 0.92 -3.97	18.26 0.94 -3.14	18.39 1.03 -1.37	20.07 1.35 0.00	30.86 2.38 -0.19	39.56 2.90 -6.72	33.28 2.55 -4.48	24.89 2.31 0.00	24.31 2.22 -0.08	28.44 2.27 -4.56	30.30 2.25 -7.00	30.28 2.28 -6.93	30.68 2.40 -6.46	32.23 2.79 -4.55	34.04 3.29 0.00	47.47 3.90 -8.39	54.26 3.36 -20.66	40.96 3.09 -9.50	32.25 2.25 -8.20	27.46 1.83 -5.31	24.11 0.95 -12.31	22.10 0.72 -12.22

KINTIGH____ 23543	18.68 0.07 -0.34	15.16 0.13 -0.72	14.61 0.13 -1.03	15.16 0.16 -0.81	16.58 0.22 -0.35	19.13 0.41 0.00	28.51 0.17 -0.05	31.44 -0.24 -1.74	27.28 -0.13 -1.16	22.43 -0.16 0.00	22.07 0.07 0.00	21.83 0.22 0.00	21.24 0.19 0.00	21.23 0.15 0.00	21.95 0.13 0.00	24.77 -0.12 0.00	30.29 -0.46 0.00	36.95 -0.39 -2.16	35.24 -0.33 -5.33	30.42 -0.40 -2.45	23.76 -0.15 -2.12	21.53 -0.16 -1.37	14.10 0.08 -3.17	12.45 0.14 -3.15
KNTFSRNC_46_KV_46KV_LOAD 80397	17.57 -0.69 0.00	13.80 -0.52 0.00	12.95 -0.50 0.00	13.68 -0.51 0.00	15.38 -0.62 0.00	17.72 -0.99 0.01	26.99 -1.30 0.00	28.77 -1.17 0.00	25.52 -0.74 0.00	22.20 -0.38 0.00	21.72 -0.29 0.00	21.33 -0.28 0.00	20.84 -0.21 0.00	20.83 -0.25 0.00	21.56 -0.26 0.00	24.62 -0.27 0.00	30.50 -0.25 0.00	34.51 -0.67 0.00	29.85 -0.39 0.00	28.43 0.06 0.00	21.47 -0.33 0.00	19.90 -0.43 0.00	8.83 -0.37 1.65	8.83 -0.33 0.00
LACHUTE__HYDRO 323717	21.82 1.92 -1.64	19.26 1.50 -3.45	19.92 1.55 -4.93	19.70 1.62 -3.89	19.73 2.03 -1.69	21.29 2.56 0.00	32.74 4.22 -0.24	42.83 4.55 -8.34	35.80 3.99 -5.56	25.89 3.30 0.00	24.92 2.97 0.05	24.26 2.72 0.08	23.43 2.40 0.03	23.48 2.40 0.00	24.37 2.55 0.00	27.91 3.01 0.00	34.47 3.72 0.00	50.26 4.40 -10.69	60.52 3.96 -26.32	44.36 3.89 -12.10	35.26 3.01 -10.45	29.61 2.52 -6.76	27.66 1.13 -15.68	25.63 0.90 -15.57
LAWRNCV_115KV_TB1 80681	17.54 -0.77 -0.04	13.81 -0.59 -0.08	13.00 -0.56 -0.12	13.68 -0.60 -0.09	15.21 -0.83 -0.04	17.59 -1.12 0.01	26.77 -1.53 -0.01	28.67 -1.47 -0.20	25.41 -0.97 -0.13	21.89 -0.70 0.00	21.32 -0.68 0.00	20.79 -0.82 0.00	20.04 -1.01 0.00	19.94 -1.14 0.00	20.64 -1.18 0.00	23.58 -1.32 0.00	29.24 -1.51 0.00	33.80 -1.62 -0.24	29.46 -1.39 -0.60	27.43 -1.22 -0.28	20.91 -1.13 -0.24	19.42 -1.06 -0.15	9.32 -0.54 0.98	9.15 -0.38 -0.36
LEDERLE____ 23769	20.75 1.28 -1.21	17.77 0.92 -2.54	17.92 0.83 -3.63	17.92 0.87 -2.87	18.21 0.96 -1.25	19.86 1.14 0.00	30.30 1.84 -0.18	38.21 2.13 -6.15	32.24 1.89 -4.10	24.24 1.65 0.00	23.68 1.63 -0.04	23.26 1.58 -0.07	22.64 1.56 -0.02	22.66 1.58 0.00	23.50 1.68 0.00	26.84 1.94 0.00	33.12 2.37 0.00	45.67 2.85 -7.64	51.51 2.45 -18.81	39.26 2.24 -8.65	30.93 1.66 -7.47	26.48 1.32 -4.83	22.76 0.71 -11.21	20.86 0.57 -11.13
LIGHTHSE_115KV_TB6 355974	18.45 -0.04 -0.22	14.73 -0.04 -0.46	14.07 -0.04 -0.66	14.65 -0.06 -0.52	16.21 -0.02 -0.23	18.76 0.04 0.00	28.35 0.03 -0.03	30.96 -0.09 -1.12	26.81 -0.18 -0.74	22.36 -0.23 0.00	21.79 -0.22 0.00	21.40 -0.22 0.00	20.78 -0.27 0.00	20.83 -0.25 0.00	21.53 -0.28 0.00	24.50 -0.40 0.00	30.35 -0.40 0.00	36.18 -0.39 -1.39	33.39 -0.27 -3.42	29.68 -0.26 -1.57	23.00 -0.15 -1.36	21.18 -0.02 -0.88	12.78 0.01 -1.92	11.19 0.01 -2.02
LINDEN COGEN____ 23786	20.90 1.32 -1.32	18.05 0.96 -2.78	18.28 0.86 -3.97	18.20 0.88 -3.14	18.33 0.96 -1.37	19.96 1.24 0.00	30.54 2.06 -0.19	39.11 2.46 -6.72	32.83 2.10 -4.48	24.55 1.96 0.00	24.02 1.94 -0.08	28.08 1.90 -4.56	29.95 1.90 -7.00	29.93 1.92 -6.93	30.26 1.99 -6.46	31.76 2.32 -4.55	33.45 2.71 0.00	46.80 3.23 -8.39	53.69 2.78 -20.66	40.45 2.58 -9.50	31.90 1.90 -8.20	27.16 1.53 -5.31	23.99 0.84 -12.31	22.04 0.65 -12.22
LINDHRST_69_KV_BK1 356055	23.03 1.94 -2.82	21.28 1.43 -5.54	20.63 1.33 -5.85	20.82 1.39 -5.25	22.68 1.50 -5.17	24.29 1.91 -3.66	32.18 3.03 -0.87	40.16 3.50 -6.72	33.84 2.97 -4.62	30.73 2.78 -5.36	27.65 2.64 -3.01	28.57 2.66 -4.30	28.20 2.59 -4.56	28.13 2.57 -4.48	28.98 2.68 -4.48	30.01 3.04 -2.07	37.98 3.69 -3.54	52.09 4.29 -12.62	60.01 3.69 -26.07	50.17 3.40 -18.40	40.06 2.59 -15.66	30.48 2.22 -7.94	29.05 1.07 -17.13	26.52 0.92 -16.44
LIPA_MISC_IPP 23656	23.01 1.92 -2.82	21.25 1.40 -5.54	20.63 1.33 -5.85	20.82 1.39 -5.25	22.65 1.47 -5.17	24.29 1.91 -3.66	32.13 2.97 -0.87	40.07 3.41 -6.72	35.82 3.12 -6.45	30.79 2.80 -5.40	27.83 2.77 -3.05	28.55 2.64 -4.30	28.33 2.67 -4.60	28.32 2.72 -4.52	29.15 2.81 -4.52	33.86 3.14 -5.83	38.08 3.75 -3.58	63.34 4.40 -23.76	105.50 3.78 -71.48	119.52 3.49 -87.66	40.14 2.64 -15.70	34.55 2.32 -11.91	33.74 1.10 -21.80	26.59 0.94 -16.48
LISF__SOLAR 323691	23.03 1.94 -2.83	21.28 1.43 -5.54	20.64 1.34 -5.85	20.85 1.40 -5.25	22.66 1.49 -5.17	24.31 1.93 -3.67	32.19 3.03 -0.88	40.10 3.44 -6.72	35.86 3.18 -6.43	30.81 2.82 -5.40	27.85 2.80 -3.05	28.58 2.66 -4.31	28.36 2.70 -4.61	28.34 2.74 -4.52	29.18 2.84 -4.52	33.93 3.23 -5.80	38.11 3.78 -3.58	63.34 4.43 -23.72	105.30 3.81 -71.24	119.11 3.55 -87.19	40.18 2.64 -15.74	34.51 2.28 -11.91	33.79 1.12 -21.83	26.67 0.96 -16.55
LITTLE FALLS__HYD 24013	18.83 0.53 -0.03	14.80 0.42 -0.07	13.92 0.38 -0.10	14.66 0.40 -0.08	16.50 0.46 -0.03	19.30 0.58 0.00	29.20 0.91 0.00	30.88 0.78 -0.17	27.02 0.66 -0.11	23.13 0.54 0.00	22.53 0.53 0.00	22.15 0.54 0.00	21.52 0.46 0.00	21.52 0.44 0.00	22.25 0.44 0.00	25.39 0.50 0.00	31.42 0.68 0.00	36.16 0.77 -0.21	31.42 0.67 -0.51	29.17 0.57 -0.23	22.39 0.39 -0.20	20.86 0.41 -0.13	11.53 0.28 -0.40	9.70 0.24 -0.30
LITTLRIV_115KV_TB1 356100	17.72 -0.58 -0.04	13.96 -0.44 -0.09	13.15 -0.43 -0.13	13.84 -0.45 -0.10	15.36 -0.69 -0.05	17.78 -0.94 0.01	27.13 -1.16 -0.01	29.05 -1.11 -0.22	25.80 -0.60 -0.15	22.11 -0.47 0.00	21.54 -0.46 0.00	21.01 -0.61 0.00	20.17 -0.88 0.00	20.03 -1.05 0.00	20.73 -1.09 0.00	23.70 -1.19 0.00	29.52 -1.23 0.00	34.30 -1.16 -0.28	29.96 -0.97 -0.69	27.86 -0.82 -0.32	21.16 -0.92 -0.27	19.65 -0.85 -0.18	9.55 -0.43 0.86	9.30 -0.27 -0.41
LI_NEWBRDGE__DRP 323616	22.64 1.55 -2.82	21.02 1.17 -5.54	20.37 1.08 -5.85	20.54 1.11 -5.25	22.41 1.23 -5.17	23.89 1.52 -3.66	31.59 2.43 -0.87	39.47 2.81 -6.72	33.20 2.47 -4.48	30.16 2.21 -5.36	27.19 2.18 -3.01	28.08 2.16 -4.30	27.74 2.13 -4.56	27.71 2.15 -4.47	28.54 2.25 -4.47	29.23 2.56 -1.78	37.36 3.07 -3.54	50.53 3.62 -11.72	55.80 3.12 -22.44	44.08 2.87 -12.85	39.60 2.14 -15.66	29.74 1.79 -7.62	28.52 0.91 -16.76	26.36 0.75 -16.44
LOCKPORT_115KV_TB60_63_64 80432	18.58 -0.04 -0.35	15.18 0.11 -0.75	14.64 0.12 -1.07	15.17 0.14 -0.84	16.61 0.24 -0.37	19.34 0.62 0.00	28.45 0.11 -0.05	31.36 -0.39 -1.81	27.22 -0.24 -1.21	22.50 -0.09 0.00	22.20 0.20 0.00	21.98 0.37 0.00	21.41 0.36 0.00	21.38 0.30 0.00	22.10 0.28 0.00	24.90 0.00 0.00	30.44 -0.31 0.00	36.90 -0.53 -2.25	35.26 -0.51 -5.53	30.40 -0.51 -2.54	23.73 -0.26 -2.20	21.42 -0.33 -1.42	14.15 0.01 -3.29	12.55 0.12 -3.27
LOCKPORT__CC1 323769	18.60 -0.02 -0.35	15.17 0.11 -0.75	14.65 0.13 -1.07	15.19 0.16 -0.84	16.62 0.26 -0.37	19.36 0.64 0.00	28.48 0.14 -0.05	31.39 -0.36 -1.81	27.22 -0.24 -1.21	22.50 -0.09 0.00	22.31 0.31 0.00	22.00 0.39 0.00	21.43 0.38 0.00	21.40 0.32 0.00	22.12 0.31 0.00	24.90 0.00 0.00	30.66 -0.09 0.00	36.84 -0.49 -2.16	35.07 -0.49 -5.31	30.30 -0.51 -2.44	23.67 -0.24 -2.11	21.43 -0.26 -1.37	14.02 0.01 -3.17	12.43 0.13 -3.14

LOCKPORT___CC2 323770	18.60 -0.02 -0.35	15.17 0.11 -0.75	14.65 0.13 -1.07	15.19 0.16 -0.84	16.62 0.26 -0.37	19.36 0.64 0.00	28.48 0.14 -0.05	31.39 -0.36 -1.81	27.22 -0.24 -1.21	22.50 -0.09 0.00	22.31 0.31 0.00	22.00 0.39 0.00	21.43 0.38 0.00	21.40 0.32 0.00	22.12 0.31 0.00	24.90 0.00 0.00	30.66 -0.09 0.00	36.84 -0.49 -2.16	35.07 -0.49 -5.31	30.30 -0.51 -2.44	23.67 -0.24 -2.11	21.43 -0.26 -1.37	14.02 0.01 -3.17	12.43 0.13 -3.14
LOCKPORT___CC3 323771	18.60 -0.02 -0.35	15.17 0.11 -0.75	14.65 0.13 -1.07	15.19 0.16 -0.84	16.62 0.26 -0.37	19.36 0.64 0.00	28.48 0.14 -0.05	31.39 -0.36 -1.81	27.22 -0.24 -1.21	22.50 -0.09 0.00	22.31 0.31 0.00	22.00 0.39 0.00	21.43 0.38 0.00	21.40 0.32 0.00	22.12 0.31 0.00	24.90 0.00 0.00	30.66 -0.09 0.00	36.84 -0.49 -2.16	35.07 -0.49 -5.31	30.30 -0.51 -2.44	23.67 -0.24 -2.11	21.43 -0.26 -1.37	14.02 0.01 -3.17	12.43 0.13 -3.14
LONG_LAKE_PHOENIX 24014	18.49 -0.02 -0.24	14.81 -0.01 -0.51	14.17 -0.01 -0.74	14.75 -0.01 -0.58	16.29 0.03 -0.25	18.78 0.06 0.00	28.32 0.00 -0.04	30.91 -0.27 -1.24	26.79 -0.29 -0.83	22.34 -0.25 0.00	21.76 -0.24 0.00	21.40 -0.22 0.00	20.84 -0.21 0.00	20.87 -0.21 0.00	21.58 -0.24 0.00	24.57 -0.32 0.00	30.35 -0.40 0.00	36.23 -0.49 -1.55	33.66 -0.39 -3.81	29.75 -0.37 -1.75	23.12 -0.20 -1.51	21.24 -0.06 -0.98	13.14 0.02 -2.27	11.43 0.02 -2.25
LOVETT___3 23632	20.66 1.19 -1.21	17.70 0.84 -2.54	17.87 0.78 -3.64	17.86 0.79 -2.87	18.13 0.88 -1.25	19.77 1.05 0.00	30.16 1.70 -0.18	38.07 1.98 -6.16	32.14 1.79 -4.11	24.17 1.58 0.00	23.61 1.56 -0.05	23.17 1.49 -0.07	22.57 1.49 -0.02	22.58 1.50 0.00	23.41 1.59 0.00	26.74 1.84 0.00	32.93 2.18 0.00	45.47 2.64 -7.65	51.35 2.27 -18.84	39.10 2.07 -8.66	30.81 1.53 -7.48	26.39 1.22 -4.84	22.72 0.65 -11.23	20.83 0.52 -11.14
LOVETT___4 23642	20.66 1.19 -1.21	17.70 0.84 -2.54	17.87 0.78 -3.64	17.86 0.79 -2.87	18.13 0.88 -1.25	19.77 1.05 0.00	30.16 1.70 -0.18	38.07 1.98 -6.16	32.14 1.79 -4.11	24.17 1.58 0.00	23.61 1.56 -0.05	23.17 1.49 -0.07	22.57 1.49 -0.02	22.58 1.50 0.00	23.41 1.59 0.00	26.74 1.84 0.00	32.93 2.18 0.00	45.47 2.64 -7.65	51.35 2.27 -18.84	39.10 2.07 -8.66	30.81 1.53 -7.48	26.39 1.22 -4.84	22.72 0.65 -11.23	20.83 0.52 -11.14
LOVETT___5 23593	20.66 1.19 -1.21	17.70 0.84 -2.54	17.87 0.78 -3.64	17.86 0.79 -2.87	18.13 0.88 -1.25	19.77 1.05 0.00	30.16 1.70 -0.18	38.07 1.98 -6.16	32.14 1.79 -4.11	24.17 1.58 0.00	23.61 1.56 -0.05	23.17 1.49 -0.07	22.57 1.49 -0.02	22.58 1.50 0.00	23.41 1.59 0.00	26.74 1.84 0.00	32.93 2.18 0.00	45.47 2.64 -7.65	51.35 2.27 -18.84	39.10 2.07 -8.66	30.81 1.53 -7.48	26.39 1.22 -4.84	22.72 0.65 -11.23	20.83 0.52 -11.14
LOWER RAQUET___HYD 24057	17.47 -0.84 -0.04	13.76 -0.64 -0.09	12.96 -0.62 -0.13	13.64 -0.65 -0.10	15.14 -0.91 -0.05	17.48 -1.24 0.01	26.62 -1.67 -0.01	28.54 -1.62 -0.22	25.35 -1.05 -0.15	21.84 -0.74 0.00	21.26 -0.75 0.00	20.72 -0.89 0.00	19.92 -1.14 0.00	19.77 -1.31 0.00	20.46 -1.35 0.00	23.40 -1.49 0.00	29.06 -1.69 0.00	33.65 -1.79 -0.27	29.37 -1.54 -0.66	27.31 -1.36 -0.30	20.80 -1.26 -0.26	19.32 -1.18 -0.17	9.36 -0.61 0.88	9.14 -0.41 -0.39
LOWER___HUDSON 24059	20.74 0.86 -1.62	18.42 0.70 -3.41	18.98 0.66 -4.87	18.73 0.70 -3.85	18.49 0.82 -1.68	19.75 1.03 0.00	30.16 1.64 -0.24	40.02 1.83 -8.25	33.36 1.60 -5.50	23.87 1.29 0.00	23.10 1.17 0.07	22.61 1.10 0.10	22.11 1.09 0.04	22.18 1.10 0.00	22.99 1.18 0.00	26.29 1.39 0.00	32.47 1.72 0.00	47.74 2.07 -10.49	57.85 1.78 -25.83	41.89 1.64 -11.87	33.34 1.29 -10.25	28.04 1.08 -6.64	26.75 0.51 -15.39	24.85 0.41 -15.28
LOWVILLE_115KV_TB2 356335	18.35 -0.02 -0.10	14.48 -0.04 -0.21	13.71 -0.04 -0.30	14.37 -0.06 -0.24	16.06 -0.05 -0.10	18.70 -0.02 0.00	28.42 0.11 -0.01	30.54 0.09 -0.51	26.67 0.08 -0.34	22.59 0.00 0.00	21.96 -0.04 0.00	21.48 -0.13 0.00	20.82 -0.23 0.00	20.81 -0.27 0.00	21.53 -0.28 0.00	24.62 -0.27 0.00	30.66 -0.09 0.00	35.88 0.07 -0.63	31.96 0.15 -1.56	29.26 0.17 -0.72	22.44 0.02 -0.62	20.75 0.02 -0.40	11.49 0.01 -0.63	10.10 0.01 -0.92
LUTHERFT_115KV_GLOB_FND_222 355753	21.00 1.10 -1.64	18.62 0.86 -3.44	19.24 0.86 -4.92	18.99 0.91 -3.89	18.78 1.09 -1.69	20.09 1.37 0.00	30.73 2.21 -0.24	40.70 2.42 -8.34	33.91 2.10 -5.56	24.33 1.74 0.00	23.54 1.58 0.05	23.00 1.47 0.08	22.48 1.45 0.03	22.54 1.45 0.00	23.39 1.57 0.00	26.74 1.84 0.00	33.05 2.31 0.00	48.24 2.71 -10.36	58.13 2.39 -25.50	42.25 2.16 -11.72	33.60 1.68 -10.12	28.28 1.40 -6.55	26.69 0.65 -15.19	24.77 0.52 -15.08
LUTHERNY_35_KV_BK2 355980	21.02 1.11 -1.64	18.63 0.87 -3.44	19.24 0.86 -4.92	18.99 0.91 -3.89	18.80 1.10 -1.69	20.11 1.39 0.00	30.76 2.23 -0.24	40.70 2.42 -8.34	33.94 2.13 -5.56	24.35 1.76 0.00	23.56 1.61 0.05	23.00 1.47 0.08	22.50 1.47 0.03	22.56 1.48 0.00	23.39 1.57 0.00	26.76 1.87 0.00	33.09 2.34 0.00	48.28 2.74 -10.36	58.16 2.42 -25.50	42.25 2.16 -11.72	33.62 1.70 -10.12	28.30 1.42 -6.55	26.70 0.66 -15.19	24.78 0.53 -15.08
LWR___OSWEGATCHIE_HYD 23850	17.70 -0.64 -0.08	13.98 -0.50 -0.16	13.20 -0.48 -0.23	13.86 -0.51 -0.18	15.43 -0.66 -0.08	17.89 -0.82 0.00	27.22 -1.07 -0.01	29.28 -1.05 -0.39	25.78 -0.74 -0.26	21.98 -0.61 0.00	21.39 -0.62 0.00	20.88 -0.73 0.00	20.15 -0.91 0.00	20.07 -1.01 0.00	20.77 -1.05 0.00	23.75 -1.15 0.00	29.52 -1.23 0.00	34.44 -1.23 -0.49	30.46 -1.00 -1.21	28.05 -0.88 -0.56	21.43 -0.85 -0.48	19.86 -0.77 -0.31	10.31 -0.41 0.12	9.58 -0.30 -0.72
LYONS_FALL_HYD 23570	18.52 0.16 -0.09	14.62 0.11 -0.19	13.82 0.09 -0.27	14.49 0.09 -0.22	16.22 0.13 -0.09	18.93 0.21 0.00	28.70 0.40 -0.01	30.79 0.39 -0.46	26.88 0.32 -0.31	22.79 0.20 0.00	22.16 0.16 0.00	21.72 0.11 0.00	21.08 0.02 0.00	21.08 0.00 0.00	21.82 0.00 0.00	24.92 0.02 0.00	30.99 0.24 0.00	36.16 0.42 -0.56	32.04 0.42 -1.37	29.42 0.43 -0.63	22.58 0.24 -0.54	20.88 0.20 -0.35	11.62 0.12 -0.65	10.07 0.10 -0.81
MADISON___COUNTY_LFGE 323628	18.97 0.57 -0.14	15.04 0.43 -0.29	14.26 0.39 -0.42	14.93 0.41 -0.33	16.66 0.51 -0.14	19.41 0.69 0.00	29.41 1.10 -0.02	31.69 1.05 -0.71	27.59 0.87 -0.47	23.24 0.66 0.00	22.64 0.64 0.00	22.22 0.61 0.00	21.60 0.55 0.00	21.63 0.55 0.00	22.38 0.57 0.00	25.57 0.67 0.00	31.73 0.98 0.00	37.26 1.20 -0.88	33.50 1.09 -2.17	30.39 1.02 -1.00	23.40 0.74 -0.86	21.57 0.69 -0.56	12.52 0.38 -1.29	10.75 0.30 -1.28
MALONE___115KV_TB1 356076	17.50 -0.77 0.00	13.74 -0.57 0.00	12.91 -0.54 0.00	13.62 -0.57 0.00	15.28 -0.72 0.00	17.70 -1.01 0.01	26.93 -1.36 0.00	28.68 -1.26 0.00	25.46 -0.79 0.00	22.14 -0.45 0.00	21.63 -0.37 0.00	21.20 -0.41 0.00	20.63 -0.42 0.00	20.60 -0.48 0.00	21.32 -0.50 0.00	24.35 -0.55 0.00	30.16 -0.58 0.00	34.37 -0.81 0.00	29.58 -0.67 0.00	28.00 -0.37 0.00	21.19 -0.61 0.00	19.65 -0.67 0.00	8.87 -0.44 1.53	8.80 -0.37 0.00

MAPLEWOD_115KV_TB3 80458	20.66 0.79 -1.61	18.32 0.63 -3.38	18.86 0.58 -4.83	18.63 0.62 -3.82	18.38 0.72 -1.66	19.62 0.90 0.00	29.99 1.47 -0.24	39.77 1.65 -8.18	33.15 1.44 -5.45	23.76 1.17 0.00	23.00 1.06 0.06	22.47 0.95 0.09	21.99 0.97 0.03	22.07 0.99 0.00	22.88 1.07 0.00	26.14 1.24 0.00	32.38 1.63 0.00	47.27 1.93 -10.16	56.92 1.66 -25.02	41.40 1.53 -11.50	32.93 1.20 -9.93	27.75 1.00 -6.43	26.21 0.46 -14.91	24.34 0.38 -14.80
MAPLE_RIDGE_WT_1 323574	17.35 -0.91 0.00	13.64 -0.67 0.00	12.83 -0.62 0.00	13.54 -0.65 0.00	15.27 -0.74 0.00	17.81 -0.90 0.01	27.10 -1.19 0.00	28.80 -1.14 0.00	25.36 -0.89 0.00	21.89 -0.70 0.00	21.39 -0.62 0.00	21.03 -0.58 0.00	20.49 -0.57 0.00	20.49 -0.59 0.00	21.21 -0.61 0.00	24.22 -0.67 0.00	29.92 -0.83 0.00	34.12 -1.05 0.00	29.18 -1.06 0.00	27.23 -1.14 0.00	20.71 -1.09 0.00	19.17 -1.16 0.00	7.06 -0.66 3.13	8.60 -0.57 0.00
MAPLE_RIDGE_WT_2 323611	17.35 -0.91 0.00	13.64 -0.67 0.00	12.83 -0.62 0.00	13.54 -0.65 0.00	15.27 -0.74 0.00	17.81 -0.90 0.01	27.10 -1.19 0.00	28.80 -1.14 0.00	25.36 -0.89 0.00	21.89 -0.70 0.00	21.39 -0.62 0.00	21.03 -0.58 0.00	20.49 -0.57 0.00	20.49 -0.59 0.00	21.21 -0.61 0.00	24.22 -0.67 0.00	29.92 -0.83 0.00	34.12 -1.05 0.00	29.18 -1.06 0.00	27.23 -1.14 0.00	20.71 -1.09 0.00	19.17 -1.16 0.00	7.06 -0.66 3.13	8.60 -0.57 0.00
MARBLE_RIVER_WT_PWR 323696	17.46 -0.80 0.00	13.70 -0.62 0.00	12.86 -0.59 0.00	13.58 -0.61 0.00	15.28 -0.72 0.00	17.67 -1.05 0.01	26.90 -1.39 0.00	28.62 -1.32 0.00	25.36 -0.89 0.00	22.07 -0.52 0.00	21.59 -0.42 0.00	21.20 -0.41 0.00	20.70 -0.36 0.00	20.70 -0.38 0.00	21.43 -0.39 0.00	24.47 -0.42 0.00	30.29 -0.46 0.00	34.33 -0.84 0.00	29.67 -0.58 0.00	28.11 -0.26 0.00	21.30 -0.50 0.00	19.72 -0.61 0.00	8.73 -0.46 1.66	8.76 -0.40 0.00
MARSHVLE_115KV_TB1 80742	20.90 0.99 -1.65	18.56 0.79 -3.46	19.17 0.77 -4.95	18.90 0.79 -3.91	18.70 0.99 -1.70	20.01 1.29 0.00	30.88 2.35 -0.24	41.05 2.72 -8.39	34.13 2.28 -5.59	24.37 1.78 0.00	23.44 1.47 0.04	22.82 1.28 0.06	22.10 1.07 0.02	22.18 1.10 0.00	23.06 1.24 0.00	26.44 1.54 0.00	32.99 2.24 0.00	48.31 2.71 -10.42	58.37 2.48 -25.65	42.40 2.24 -11.79	33.71 1.72 -10.18	28.44 1.52 -6.59	26.76 0.63 -15.28	24.83 0.49 -15.17
MARSH_HILL_WT_PWR 323713	19.19 0.49 -0.43	15.64 0.42 -0.91	15.15 0.39 -1.31	15.66 0.44 -1.03	17.07 0.62 -0.45	19.98 1.25 0.00	29.71 1.36 -0.06	33.23 1.08 -2.21	28.67 0.94 -1.47	23.69 1.11 0.00	23.30 1.30 0.00	22.95 1.34 0.00	22.32 1.26 0.00	22.33 1.24 0.00	23.04 1.22 0.00	26.04 1.15 0.00	32.29 1.54 0.00	38.97 1.16 -2.63	37.66 0.94 -6.48	32.11 0.77 -2.98	25.05 0.68 -2.57	22.52 0.53 -1.66	15.02 0.31 -3.86	13.29 0.29 -3.83
MCINTYRE_115KV_TB2 80467	17.94 -0.37 -0.04	14.12 -0.29 -0.09	13.30 -0.28 -0.13	13.98 -0.31 -0.10	15.55 -0.50 -0.05	18.02 -0.69 0.01	27.53 -0.76 -0.01	29.53 -0.63 -0.22	26.19 -0.21 -0.15	22.36 -0.23 0.00	21.76 -0.24 0.00	21.27 -0.35 0.00	20.38 -0.67 0.00	20.24 -0.84 0.00	20.92 -0.89 0.00	23.95 -0.95 0.00	29.95 -0.80 0.00	34.89 -0.56 -0.28	30.51 -0.42 -0.69	28.37 -0.31 -0.32	21.48 -0.59 -0.27	19.93 -0.57 -0.18	9.70 -0.28 0.86	9.41 -0.16 -0.41
MECO____69_KV_BK1 80468	21.41 1.50 -1.65	18.95 1.17 -3.46	19.55 1.14 -4.95	19.29 1.19 -3.91	19.18 1.47 -1.70	20.63 1.91 0.00	31.92 3.39 -0.24	41.56 3.23 -8.39	34.60 2.76 -5.59	24.82 2.24 0.00	23.81 1.85 0.04	23.17 1.62 0.06	22.57 1.54 0.02	22.70 1.62 0.00	23.60 1.79 0.00	27.09 2.19 0.00	33.85 3.11 0.00	49.22 3.62 -10.42	59.13 3.24 -25.65	43.06 2.89 -11.79	34.23 2.25 -10.18	28.85 1.93 -6.59	27.04 0.91 -15.28	25.05 0.71 -15.17
MENANDS__115KV_TB5 355628	20.55 0.68 -1.60	18.23 0.54 -3.37	18.78 0.50 -4.83	18.54 0.54 -3.81	18.29 0.62 -1.66	19.51 0.79 0.00	29.80 1.27 -0.24	39.55 1.44 -8.17	32.99 1.29 -5.45	23.60 1.02 0.00	22.87 0.92 0.06	22.34 0.82 0.09	21.86 0.84 0.03	21.95 0.86 0.00	22.75 0.94 0.00	25.99 1.10 0.00	32.19 1.45 0.00	47.05 1.72 -10.15	56.71 1.48 -24.98	41.22 1.36 -11.49	32.79 1.07 -9.92	27.62 0.87 -6.42	26.13 0.40 -14.89	24.27 0.33 -14.78
MG INDUSTRY__DRP 24185	20.59 0.75 -1.57	18.23 0.60 -3.31	18.75 0.56 -4.74	18.52 0.60 -3.74	18.32 0.69 -1.63	19.56 0.84 0.00	29.85 1.33 -0.23	39.42 1.47 -8.02	32.88 1.29 -5.35	23.63 1.04 0.00	22.90 0.92 0.03	22.43 0.86 0.05	21.90 0.86 0.02	21.97 0.89 0.00	22.78 0.96 0.00	26.07 1.17 0.00	32.25 1.51 0.00	46.86 1.72 -9.96	56.27 1.51 -24.52	41.03 1.39 -11.27	32.62 1.09 -9.73	27.52 0.89 -6.30	25.88 0.42 -14.61	24.02 0.36 -14.50
MID__OSWEGATCHIE_HYD 23849	17.70 -0.64 -0.08	13.98 -0.50 -0.16	13.20 -0.48 -0.23	13.86 -0.51 -0.18	15.43 -0.66 -0.08	17.89 -0.82 0.00	27.22 -1.07 -0.01	29.28 -1.05 -0.39	25.78 -0.74 -0.26	21.98 -0.61 0.00	21.39 -0.62 0.00	20.88 -0.73 0.00	20.15 -0.91 0.00	20.07 -1.01 0.00	20.77 -1.05 0.00	23.75 -1.15 0.00	29.52 -1.23 0.00	34.44 -1.23 -0.49	30.46 -1.00 -1.21	28.05 -0.88 -0.56	21.43 -0.85 -0.48	19.86 -0.77 -0.31	10.31 -0.41 0.12	9.58 -0.30 -0.72
MID__RAQUETTE_HYD 23851	17.47 -0.84 -0.04	13.76 -0.64 -0.09	12.96 -0.62 -0.13	13.64 -0.65 -0.10	15.13 -0.91 -0.05	17.48 -1.24 0.01	26.62 -1.67 -0.01	28.54 -1.62 -0.22	25.35 -1.05 -0.15	21.84 -0.75 0.00	21.28 -0.73 0.00	20.73 -0.89 0.00	19.92 -1.14 0.00	19.77 -1.31 0.00	20.46 -1.35 0.00	23.40 -1.49 0.00	29.06 -1.69 0.00	33.66 -1.79 -0.28	29.39 -1.54 -0.69	27.32 -1.36 -0.32	20.81 -1.26 -0.27	19.32 -1.18 -0.18	9.38 -0.61 0.86	9.16 -0.41 -0.41
MILLIKEN__1 23584	19.39 0.69 -0.43	15.77 0.54 -0.91	15.26 0.51 -1.30	15.76 0.54 -1.03	17.12 0.67 -0.45	19.68 0.95 0.00	29.68 1.33 -0.06	33.46 1.32 -2.21	28.80 1.08 -1.47	23.51 0.93 0.00	22.91 0.90 0.00	22.52 0.91 0.00	21.88 0.82 0.00	21.95 0.86 0.00	22.69 0.87 0.00	25.87 0.97 0.00	32.01 1.26 0.00	39.33 1.41 -2.74	38.26 1.27 -6.75	32.63 1.16 -3.10	25.39 0.92 -2.68	22.93 0.87 -1.73	15.33 0.47 -4.02	13.55 0.39 -3.99
MILLIKEN__2 23585	19.39 0.69 -0.43	15.77 0.54 -0.91	15.26 0.51 -1.30	15.76 0.54 -1.03	17.12 0.67 -0.45	19.68 0.95 0.00	29.68 1.33 -0.06	33.46 1.32 -2.21	28.80 1.08 -1.47	23.51 0.93 0.00	22.91 0.90 0.00	22.52 0.91 0.00	21.88 0.82 0.00	21.95 0.86 0.00	22.69 0.87 0.00	25.87 0.97 0.00	32.01 1.26 0.00	39.33 1.41 -2.74	38.26 1.27 -6.75	32.63 1.16 -3.10	25.39 0.92 -2.68	22.93 0.87 -1.73	15.33 0.47 -4.02	13.55 0.39 -3.99
MILLIKEN__DIESEL 23629	19.39 0.69 -0.43	15.77 0.54 -0.91	15.26 0.51 -1.30	15.76 0.54 -1.03	17.12 0.67 -0.45	19.68 0.95 0.00	29.68 1.33 -0.06	33.46 1.32 -2.21	28.80 1.08 -1.47	23.51 0.93 0.00	22.91 0.90 0.00	22.52 0.91 0.00	21.88 0.82 0.00	21.95 0.86 0.00	22.69 0.87 0.00	25.87 0.97 0.00	32.01 1.26 0.00	39.33 1.41 -2.74	38.26 1.27 -6.75	32.63 1.16 -3.10	25.39 0.92 -2.68	22.93 0.87 -1.73	15.33 0.47 -4.02	13.55 0.39 -3.99

MILLSEAT___LFGE 323607	18.85 0.24 -0.35	15.34 0.29 -0.74	14.79 0.28 -1.05	15.35 0.33 -0.83	16.81 0.45 -0.36	19.58 0.86 0.00	28.96 0.62 -0.05	31.93 0.21 -1.78	27.73 0.29 -1.19	22.86 0.27 0.00	22.60 0.59 0.00	22.28 0.67 0.00	21.67 0.61 0.00	21.65 0.57 0.00	22.38 0.57 0.00	25.24 0.35 0.00	31.15 0.40 0.00	37.41 0.11 -2.13	35.57 0.09 -5.24	30.81 0.03 -2.41	24.03 0.15 -2.08	21.75 0.08 -1.35	14.15 0.18 -3.12	12.51 0.25 -3.10
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	20.84 1.26 -1.31	18.00 0.93 -2.76	18.25 0.86 -3.94	18.18 0.88 -3.11	18.33 0.98 -1.36	19.94 1.22 0.00	30.43 1.95 -0.19	38.92 2.31 -6.67	32.72 2.02 -4.45	24.39 1.81 0.00	23.84 1.78 -0.05	23.40 1.71 -0.08	22.79 1.71 -0.03	22.79 1.71 0.00	23.63 1.81 0.00	26.99 2.09 0.00	33.27 2.52 0.00	46.49 3.03 -8.29	53.23 2.57 -20.41	40.14 2.38 -9.39	31.67 1.77 -8.10	26.99 1.42 -5.24	23.77 0.76 -12.16	21.85 0.61 -12.07
MILLWOOD_13_KV_LOAD 356217	20.89 1.32 -1.31	18.03 0.96 -2.76	18.28 0.89 -3.94	18.22 0.92 -3.11	18.37 1.01 -1.36	19.98 1.25 0.00	30.49 2.01 -0.19	39.01 2.40 -6.67	32.80 2.10 -4.45	24.46 1.87 0.00	23.91 1.85 -0.05	23.47 1.77 -0.08	22.85 1.77 -0.03	22.87 1.79 0.00	23.70 1.88 0.00	27.09 2.19 0.00	33.36 2.61 0.00	46.60 3.13 -8.29	53.35 2.69 -20.41	40.25 2.50 -9.39	31.76 1.85 -8.10	27.05 1.48 -5.24	23.79 0.78 -12.16	21.86 0.62 -12.07
MODEL_CITY_ENERGY 24167	18.42 -0.20 -0.36	15.07 0.00 -0.76	14.54 0.01 -1.08	15.07 0.03 -0.85	16.49 0.11 -0.37	19.17 0.45 0.00	28.14 -0.20 -0.05	31.02 -0.75 -1.83	26.92 -0.55 -1.22	22.23 -0.36 0.00	22.03 0.02 0.00	21.74 0.13 0.00	21.16 0.11 0.00	21.12 0.04 0.00	21.86 0.04 0.00	24.57 -0.32 0.00	30.23 -0.52 0.00	36.41 -0.95 -2.18	34.74 -0.88 -5.38	29.96 -0.88 -2.47	23.41 -0.52 -2.13	21.20 -0.51 -1.38	13.95 -0.10 -3.20	12.38 0.04 -3.18
MODERN_LFGE___ 323580	18.42 -0.20 -0.36	15.07 0.00 -0.76	14.54 0.01 -1.08	15.07 0.03 -0.85	16.49 0.11 -0.37	19.17 0.45 0.00	28.14 -0.20 -0.05	31.02 -0.75 -1.83	26.92 -0.55 -1.22	22.23 -0.36 0.00	22.03 0.02 0.00	21.74 0.13 0.00	21.16 0.11 0.00	21.12 0.04 0.00	21.86 0.04 0.00	24.57 -0.32 0.00	30.23 -0.52 0.00	36.41 -0.95 -2.18	34.74 -0.88 -5.38	29.96 -0.88 -2.47	23.41 -0.52 -2.13	21.20 -0.51 -1.38	13.95 -0.10 -3.20	12.38 0.04 -3.18
MOHAWK_PAPER___DRP 24187	20.66 0.79 -1.61	18.32 0.63 -3.38	18.86 0.58 -4.83	18.63 0.62 -3.82	18.38 0.72 -1.66	19.62 0.90 0.00	29.99 1.47 -0.24	39.77 1.65 -8.18	33.15 1.44 -5.45	23.76 1.17 0.00	23.00 1.06 0.06	22.47 0.95 0.09	21.99 0.97 0.03	22.07 0.99 0.00	22.88 1.07 0.00	26.14 1.24 0.00	32.38 1.63 0.00	47.27 1.93 -10.16	56.92 1.66 -25.02	41.40 1.53 -11.50	32.93 1.20 -9.93	27.75 1.00 -6.43	26.21 0.46 -14.91	24.34 0.38 -14.80
MOHICAN___35_KV_115KV_LD 80490	21.07 1.17 -1.64	18.67 0.92 -3.44	19.35 0.97 -4.93	19.10 1.02 -3.89	19.01 1.31 -1.69	20.39 1.67 0.00	31.24 2.72 -0.24	41.27 2.99 -8.34	34.41 2.60 -5.56	24.73 2.15 0.00	23.89 1.94 0.05	23.33 1.79 0.08	22.77 1.75 0.03	22.83 1.75 0.00	23.69 1.88 0.00	27.09 2.19 0.00	33.39 2.64 0.00	48.60 3.06 -10.36	58.51 2.75 -25.51	42.54 2.44 -11.73	33.82 1.90 -10.13	28.45 1.57 -6.55	26.74 0.69 -15.20	24.80 0.55 -15.09
MONGAUP___HYD 23641	20.57 1.15 -1.16	17.57 0.83 -2.43	17.69 0.77 -3.48	17.71 0.78 -2.75	18.08 0.88 -1.20	19.77 1.05 0.00	30.15 1.70 -0.17	37.68 1.86 -5.89	31.78 1.60 -3.92	23.94 1.36 0.00	23.39 1.34 -0.04	22.97 1.30 -0.06	22.36 1.28 -0.02	22.39 1.31 0.00	23.19 1.38 0.00	26.51 1.62 0.00	32.78 2.03 0.00	44.97 2.46 -7.33	50.44 2.15 -18.04	38.62 1.96 -8.30	30.45 1.48 -7.16	26.14 1.18 -4.64	22.19 0.60 -10.75	20.35 0.51 -10.67
MONTAUK___DIESEL 23721	23.59 2.50 -2.82	21.71 1.86 -5.54	21.06 1.76 -5.85	21.28 1.84 -5.25	23.16 1.98 -5.17	24.94 2.56 -3.66	33.14 3.99 -0.87	41.48 4.82 -6.72	37.11 4.41 -6.44	31.83 3.84 -5.40	28.84 3.79 -3.05	29.54 3.63 -4.30	29.34 3.68 -4.60	29.33 3.73 -4.52	30.22 3.88 -4.52	35.07 4.36 -5.82	39.62 5.29 -3.58	65.02 6.09 -23.75	106.96 5.29 -71.42	120.80 4.85 -87.58	41.23 3.73 -15.70	35.56 3.33 -11.90	34.15 1.51 -21.79	26.92 1.27 -16.48
MOONROAD_115KV_HARTFLD_TB1-2 355988	18.75 0.09 -0.39	15.25 0.11 -0.82	14.77 0.15 -1.18	15.34 0.23 -0.93	16.79 0.38 -0.40	19.88 1.16 0.00	29.11 0.76 -0.06	32.41 0.48 -1.99	28.10 0.53 -1.33	23.51 0.93 0.00	23.17 1.17 0.00	23.02 1.40 0.00	22.36 1.31 0.00	22.24 1.16 0.00	22.95 1.13 0.00	25.87 0.97 0.00	31.76 1.01 0.00	38.11 0.46 -2.47	36.55 0.21 -6.09	31.14 -0.03 -2.80	24.20 -0.02 -2.42	21.69 -0.20 -1.57	14.45 -0.02 -3.63	12.80 0.03 -3.60
MORTIMER_115KV_TB3 55949	18.88 0.29 -0.33	15.26 0.26 -0.68	14.69 0.26 -0.98	15.23 0.27 -0.77	16.71 0.37 -0.34	19.26 0.54 0.00	28.93 0.59 -0.05	31.96 0.36 -1.66	27.75 0.39 -1.11	22.81 0.23 0.00	22.38 0.37 0.00	22.09 0.48 0.00	21.48 0.42 0.00	21.50 0.42 0.00	22.23 0.41 0.00	25.19 0.30 0.00	30.93 0.18 0.00	37.52 0.28 -2.06	35.59 0.27 -5.07	30.90 0.20 -2.33	24.08 0.26 -2.01	21.85 0.22 -1.30	14.09 0.22 -3.02	12.39 0.23 -3.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	20.99 1.41 -1.32	18.12 1.03 -2.78	18.36 0.94 -3.97	18.29 0.96 -3.14	18.42 1.06 -1.37	20.05 1.33 0.00	30.66 2.18 -0.19	39.23 2.57 -6.72	32.96 2.23 -4.48	24.62 2.03 0.00	24.05 2.00 -0.04	21.49 1.95 2.06	19.66 1.92 3.31	19.70 1.94 3.32	20.75 2.03 3.09	25.08 2.37 2.18	33.58 2.83 0.00	46.90 3.38 -8.35	53.67 2.87 -20.55	40.49 2.67 -9.45	31.92 1.96 -8.16	27.21 1.61 -5.28	23.96 0.87 -12.25	22.01 0.69 -12.16
MUNSVILLE_WIND_PWR 323609	20.34 1.48 -0.59	16.69 1.13 -1.24	16.29 1.06 -1.78	16.70 1.11 -1.41	17.97 1.36 -0.61	20.59 1.87 0.00	31.32 2.94 -0.09	36.07 3.11 -3.01	30.86 2.60 -2.01	24.66 2.08 0.00	24.01 2.00 0.00	23.53 1.92 0.00	22.80 1.75 0.00	22.85 1.77 0.00	23.67 1.85 0.00	27.04 2.14 0.00	33.85 3.10 0.00	42.17 3.62 -3.37	41.68 3.15 -8.29	35.04 2.86 -3.81	27.12 2.03 -3.29	24.26 1.81 -2.13	16.71 0.92 -4.94	14.81 0.74 -4.90
N SALMON___HYD 24042	17.50 -0.77 0.00	13.74 -0.57 0.00	12.91 -0.54 0.00	13.62 -0.57 0.00	15.28 -0.72 0.00	17.70 -1.01 0.01	26.93 -1.36 0.00	28.68 -1.26 0.00	25.46 -0.79 0.00	22.16 -0.43 0.00	21.63 -0.37 0.00	21.20 -0.41 0.00	20.63 -0.42 0.00	20.60 -0.48 0.00	21.32 -0.50 0.00	24.35 -0.55 0.00	30.16 -0.59 0.00	34.37 -0.81 0.00	29.58 -0.67 0.00	28.00 -0.37 0.00	21.19 -0.61 0.00	19.65 -0.67 0.00	8.87 -0.45 1.53	8.80 -0.37 0.00
N.AKRON___115KV_KNAPP 355671	18.85 0.24 -0.35	15.34 0.29 -0.74	14.80 0.30 -1.06	15.35 0.33 -0.83	16.81 0.45 -0.36	19.58 0.86 0.00	28.96 0.62 -0.05	31.91 0.18 -1.79	27.71 0.26 -1.19	22.86 0.27 0.00	22.51 0.51 0.00	22.28 0.67 0.00	21.66 0.61 0.00	21.65 0.57 0.00	22.38 0.57 0.00	25.27 0.37 0.00	30.93 0.18 0.00	37.50 0.11 -2.22	35.77 0.06 -5.47	30.88 0.00 -2.51	24.10 0.13 -2.17	21.75 0.02 -1.41	14.29 0.18 -3.26	12.65 0.25 -3.23

N.BELMOR_69_KV_BK1 55787	22.81 1.72 -2.82	21.14 1.29 -5.54	20.48 1.18 -5.85	20.65 1.22 -5.25	22.52 1.34 -5.17	24.06 1.68 -3.66	31.84 2.69 -0.87	39.80 3.14 -6.72	33.50 2.76 -4.50	30.43 2.48 -5.36	27.45 2.44 -3.01	28.31 2.40 -4.30	27.97 2.36 -4.56	27.94 2.38 -4.47	28.78 2.49 -4.47	29.54 2.84 -1.81	37.73 3.44 -3.54	51.01 4.01 -11.82	56.54 3.45 -22.84	45.05 3.21 -13.47	39.86 2.40 -15.66	30.02 2.03 -7.66	28.68 1.03 -16.80	26.45 0.84 -16.44
N.E_GEN_SANDY PD 24062	20.62 0.89 -1.46	18.12 0.73 -3.08	18.50 0.65 -4.40	18.36 0.70 -3.48	18.30 0.78 -1.51	19.69 0.97 0.00	30.00 1.50 -0.21	39.13 1.74 -7.46	32.77 1.55 -4.97	23.85 1.26 0.00	22.69 1.17 0.48	22.00 1.10 0.71	21.91 1.12 0.26	22.20 1.12 0.00	23.00 1.20 0.02	26.34 1.44 0.00	32.50 1.75 0.00	46.60 2.07 -9.35	55.01 1.75 -23.01	40.59 1.64 -10.58	32.20 1.26 -9.14	27.27 1.04 -5.91	25.09 0.53 -13.71	23.23 0.45 -13.61
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	20.70 1.22 -1.21	17.73 0.87 -2.54	17.88 0.79 -3.64	17.88 0.82 -2.87	18.15 0.90 -1.25	19.81 1.09 0.00	30.19 1.73 -0.18	38.10 2.01 -6.16	32.19 1.84 -4.10	24.19 1.60 0.00	23.64 1.58 -0.05	23.21 1.53 -0.07	22.59 1.52 -0.02	22.62 1.54 0.00	23.46 1.64 0.00	26.79 1.89 0.00	32.99 2.24 0.00	45.53 2.71 -7.65	51.40 2.33 -18.83	39.15 2.13 -8.66	30.84 1.57 -7.47	26.42 1.26 -4.84	22.73 0.66 -11.22	20.84 0.54 -11.14
N.QUEENS_27_KV_LOAD 356247	21.16 1.57 -1.32	18.23 1.15 -2.78	18.47 1.05 -3.97	18.37 1.05 -3.14	18.50 1.14 -1.37	20.05 1.33 0.00	30.66 2.18 -0.19	39.14 2.48 -6.72	32.94 2.21 -4.48	24.67 2.08 0.00	24.19 2.11 -0.07	28.17 1.99 -4.57	30.04 1.98 -7.00	30.02 2.00 -6.93	30.36 2.07 -6.47	31.87 2.41 -4.56	33.48 2.74 0.00	46.87 3.34 -8.35	53.61 2.81 -20.55	40.40 2.58 -9.45	31.88 1.92 -8.16	27.19 1.59 -5.28	24.02 0.92 -12.25	22.10 0.78 -12.16
N.TROY___115KV_TB1 355778	20.74 0.86 -1.62	18.42 0.70 -3.41	18.98 0.66 -4.87	18.73 0.70 -3.85	18.49 0.82 -1.68	19.75 1.03 0.00	30.17 1.64 -0.24	40.02 1.83 -8.25	33.36 1.60 -5.50	23.88 1.29 0.00	23.13 1.19 0.07	22.61 1.10 0.10	22.11 1.09 0.04	22.18 1.10 0.00	22.99 1.18 0.00	26.29 1.39 0.00	32.50 1.75 0.00	47.51 2.08 -10.25	57.27 1.78 -25.24	41.59 1.62 -11.61	33.11 1.29 -10.02	27.89 1.08 -6.49	26.40 0.51 -15.04	24.51 0.41 -14.93
NARROWS_GT1_1 24228	21.22 1.63 -1.33	18.30 1.20 -2.78	18.51 1.09 -3.97	18.42 1.09 -3.14	18.55 1.18 -1.37	20.14 1.42 0.00	30.71 2.23 -0.19	39.26 2.60 -6.72	33.02 2.28 -4.48	24.76 2.17 0.00	24.20 2.11 -0.08	28.28 1.99 -4.68	30.22 1.98 -7.18	30.17 1.98 -7.11	30.52 2.07 -6.63	32.01 2.44 -4.67	33.51 2.77 0.01	47.02 3.45 -8.39	53.81 2.90 -20.66	40.54 2.67 -9.50	32.01 2.00 -8.20	27.38 1.75 -5.31	24.16 1.00 -12.32	22.20 0.81 -12.23
NARROWS_GT1_2 24229	21.22 1.63 -1.33	18.30 1.20 -2.78	18.51 1.09 -3.97	18.42 1.09 -3.14	18.55 1.18 -1.37	20.14 1.42 0.00	30.71 2.23 -0.19	39.26 2.60 -6.72	33.02 2.28 -4.48	24.76 2.17 0.00	24.20 2.11 -0.08	28.28 1.99 -4.68	30.22 1.98 -7.18	30.17 1.98 -7.11	30.52 2.07 -6.63	32.01 2.44 -4.67	33.51 2.77 0.01	47.02 3.45 -8.39	53.81 2.90 -20.66	40.54 2.67 -9.50	32.01 2.00 -8.20	27.38 1.75 -5.31	24.16 1.00 -12.32	22.20 0.81 -12.23
NARROWS_GT1_3 24230	21.22 1.63 -1.33	18.30 1.20 -2.78	18.51 1.09 -3.97	18.42 1.09 -3.14	18.55 1.18 -1.37	20.14 1.42 0.00	30.71 2.23 -0.19	39.26 2.60 -6.72	33.02 2.28 -4.48	24.76 2.17 0.00	24.20 2.11 -0.08	28.28 1.99 -4.68	30.22 1.98 -7.18	30.17 1.98 -7.11	30.52 2.07 -6.63	32.01 2.44 -4.67	33.51 2.77 0.01	47.02 3.45 -8.39	53.81 2.90 -20.66	40.54 2.67 -9.50	32.01 2.00 -8.20	27.38 1.75 -5.31	24.16 1.00 -12.32	22.20 0.81 -12.23
NARROWS_GT1_4 24231	21.22 1.63 -1.33	18.30 1.20 -2.78	18.51 1.09 -3.97	18.42 1.09 -3.14	18.55 1.18 -1.37	20.14 1.42 0.00	30.71 2.23 -0.19	39.26 2.60 -6.72	33.02 2.28 -4.48	24.76 2.17 0.00	24.20 2.11 -0.08	28.28 1.99 -4.68	30.22 1.98 -7.18	30.17 1.98 -7.11	30.52 2.07 -6.63	32.01 2.44 -4.67	33.51 2.77 0.01	47.02 3.45 -8.39	53.81 2.90 -20.66	40.54 2.67 -9.50	32.01 2.00 -8.20	27.38 1.75 -5.31	24.16 1.00 -12.32	22.20 0.81 -12.23
NARROWS_GT1_5 24232	21.22 1.63 -1.33	18.30 1.20 -2.78	18.51 1.09 -3.97	18.42 1.09 -3.14	18.55 1.18 -1.37	20.14 1.42 0.00	30.71 2.23 -0.19	39.26 2.60 -6.72	33.02 2.28 -4.48	24.76 2.17 0.00	24.20 2.11 -0.08	28.28 1.99 -4.68	30.22 1.98 -7.18	30.17 1.98 -7.11	30.52 2.07 -6.63	32.01 2.44 -4.67	33.51 2.77 0.01	47.02 3.45 -8.39	53.81 2.90 -20.66	40.54 2.67 -9.50	32.01 2.00 -8.20	27.38 1.75 -5.31	24.16 1.00 -12.32	22.20 0.81 -12.23
NARROWS_GT1_6 24233	21.22 1.63 -1.33	18.30 1.20 -2.78	18.51 1.09 -3.97	18.42 1.09 -3.14	18.55 1.18 -1.37	20.14 1.42 0.00	30.71 2.23 -0.19	39.26 2.60 -6.72	33.02 2.28 -4.48	24.76 2.17 0.00	24.20 2.11 -0.08	28.28 1.99 -4.68	30.22 1.98 -7.18	30.17 1.98 -7.11	30.52 2.07 -6.63	32.01 2.44 -4.67	33.51 2.77 0.01	47.02 3.45 -8.39	53.81 2.90 -20.66	40.54 2.67 -9.50	32.01 2.00 -8.20	27.38 1.75 -5.31	24.16 1.00 -12.32	22.20 0.81 -12.23
NARROWS_GT1_7 24234	21.22 1.63 -1.33	18.30 1.20 -2.78	18.51 1.09 -3.97	18.42 1.09 -3.14	18.55 1.18 -1.37	20.14 1.42 0.00	30.71 2.23 -0.19	39.26 2.60 -6.72	33.02 2.28 -4.48	24.76 2.17 0.00	24.20 2.11 -0.08	28.28 1.99 -4.68	30.22 1.98 -7.18	30.17 1.98 -7.11	30.52 2.07 -6.63	32.01 2.44 -4.67	33.51 2.77 0.01	47.02 3.45 -8.39	53.81 2.90 -20.66	40.54 2.67 -9.50	32.01 2.00 -8.20	27.38 1.75 -5.31	24.16 1.00 -12.32	22.20 0.81 -12.23
NARROWS_GT1_8 24235	21.22 1.63 -1.33	18.30 1.20 -2.78	18.51 1.09 -3.97	18.42 1.09 -3.14	18.55 1.18 -1.37	20.14 1.42 0.00	30.71 2.23 -0.19	39.26 2.60 -6.72	33.02 2.28 -4.48	24.76 2.17 0.00	24.20 2.11 -0.08	28.28 1.99 -4.68	30.22 1.98 -7.18	30.17 1.98 -7.11	30.52 2.07 -6.63	32.01 2.44 -4.67	33.51 2.77 0.01	47.02 3.45 -8.39	53.81 2.90 -20.66	40.54 2.67 -9.50	32.01 2.00 -8.20	27.38 1.75 -5.31	24.16 1.00 -12.32	22.20 0.81 -12.23
NARROWS_GT2_1 24236	21.22 1.63 -1.33	18.30 1.20 -2.78	18.51 1.09 -3.97	18.42 1.09 -3.14	18.55 1.18 -1.37	20.14 1.42 0.00	30.71 2.23 -0.19	39.26 2.60 -6.72	33.02 2.28 -4.48	24.76 2.17 0.00	24.20 2.11 -0.08	28.28 1.99 -4.68	30.22 1.98 -7.18	30.17 1.98 -7.11	30.52 2.07 -6.63	32.01 2.44 -4.67	33.51 2.77 0.01	47.02 3.45 -8.39	53.81 2.90 -20.66	40.54 2.67 -9.50	32.01 2.00 -8.20	27.38 1.75 -5.31	24.16 1.00 -12.32	22.20 0.81 -12.23
NARROWS_GT2_2 24237	21.22 1.63 -1.33	18.30 1.20 -2.78	18.51 1.09 -3.97	18.42 1.09 -3.14	18.55 1.18 -1.37	20.14 1.42 0.00	30.71 2.23 -0.19	39.26 2.60 -6.72	33.02 2.28 -4.48	24.76 2.17 0.00	24.20 2.11 -0.08	28.28 1.99 -4.68	30.22 1.98 -7.18	30.17 1.98 -7.11	30.52 2.07 -6.63	32.01 2.44 -4.67	33.51 2.77 0.01	47.02 3.45 -8.39	53.81 2.90 -20.66	40.54 2.67 -9.50	32.01 2.00 -8.20	27.38 1.75 -5.31	24.16 1.00 -12.32	22.20 0.81 -12.23

NARROWS_GT2_3 24238	21.22 1.63 -1.33	18.30 1.20 -2.78	18.51 1.09 -3.97	18.42 1.09 -3.14	18.55 1.18 -1.37	20.14 1.42 0.00	30.71 2.23 -0.19	39.26 2.60 -6.72	33.02 2.28 -4.48	24.76 2.17 0.00	24.20 2.11 -0.08	28.28 1.99 -4.68	30.22 1.98 -7.18	30.17 1.98 -7.11	30.52 2.07 -6.63	32.01 2.44 -4.67	33.51 2.77 0.01	47.02 3.45 -8.39	53.81 2.90 -20.66	40.54 2.67 -9.50	32.01 2.00 -8.20	27.38 1.75 -5.31	24.16 1.00 -12.32	22.20 0.81 -12.23
NARROWS_GT2_4 24239	21.22 1.63 -1.33	18.30 1.20 -2.78	18.51 1.09 -3.97	18.42 1.09 -3.14	18.55 1.18 -1.37	20.14 1.42 0.00	30.71 2.23 -0.19	39.26 2.60 -6.72	33.02 2.28 -4.48	24.76 2.17 0.00	24.20 2.11 -0.08	28.28 1.99 -4.68	30.22 1.98 -7.18	30.17 1.98 -7.11	30.52 2.07 -6.63	32.01 2.44 -4.67	33.51 2.77 0.01	47.02 3.45 -8.39	53.81 2.90 -20.66	40.54 2.67 -9.50	32.01 2.00 -8.20	27.38 1.75 -5.31	24.16 1.00 -12.32	22.20 0.81 -12.23
NARROWS_GT2_5 24240	21.22 1.63 -1.33	18.30 1.20 -2.78	18.51 1.09 -3.97	18.42 1.09 -3.14	18.55 1.18 -1.37	20.14 1.42 0.00	30.71 2.23 -0.19	39.26 2.60 -6.72	33.02 2.28 -4.48	24.76 2.17 0.00	24.20 2.11 -0.08	28.28 1.99 -4.68	30.22 1.98 -7.18	30.17 1.98 -7.11	30.52 2.07 -6.63	32.01 2.44 -4.67	33.51 2.77 0.01	47.02 3.45 -8.39	53.81 2.90 -20.66	40.54 2.67 -9.50	32.01 2.00 -8.20	27.38 1.75 -5.31	24.16 1.00 -12.32	22.20 0.81 -12.23
NARROWS_GT2_6 24241	21.22 1.63 -1.33	18.30 1.20 -2.78	18.51 1.09 -3.97	18.42 1.09 -3.14	18.55 1.18 -1.37	20.14 1.42 0.00	30.71 2.23 -0.19	39.26 2.60 -6.72	33.02 2.28 -4.48	24.76 2.17 0.00	24.20 2.11 -0.08	28.28 1.99 -4.68	30.22 1.98 -7.18	30.17 1.98 -7.11	30.52 2.07 -6.63	32.01 2.44 -4.67	33.51 2.77 0.01	47.02 3.45 -8.39	53.81 2.90 -20.66	40.54 2.67 -9.50	32.01 2.00 -8.20	27.38 1.75 -5.31	24.16 1.00 -12.32	22.20 0.81 -12.23
NARROWS_GT2_7 24242	21.22 1.63 -1.33	18.30 1.20 -2.78	18.51 1.09 -3.97	18.42 1.09 -3.14	18.55 1.18 -1.37	20.14 1.42 0.00	30.71 2.23 -0.19	39.26 2.60 -6.72	33.02 2.28 -4.48	24.76 2.17 0.00	24.20 2.11 -0.08	28.28 1.99 -4.68	30.22 1.98 -7.18	30.17 1.98 -7.11	30.52 2.07 -6.63	32.01 2.44 -4.67	33.51 2.77 0.01	47.02 3.45 -8.39	53.81 2.90 -20.66	40.54 2.67 -9.50	32.01 2.00 -8.20	27.38 1.75 -5.31	24.16 1.00 -12.32	22.20 0.81 -12.23
NARROWS_GT2_8 24243	21.22 1.63 -1.33	18.30 1.20 -2.78	18.51 1.09 -3.97	18.42 1.09 -3.14	18.55 1.18 -1.37	20.14 1.42 0.00	30.71 2.23 -0.19	39.26 2.60 -6.72	33.02 2.28 -4.48	24.76 2.17 0.00	24.20 2.11 -0.08	28.28 1.99 -4.68	30.22 1.98 -7.18	30.17 1.98 -7.11	30.52 2.07 -6.63	32.01 2.44 -4.67	33.51 2.77 0.01	47.02 3.45 -8.39	53.81 2.90 -20.66	40.54 2.67 -9.50	32.01 2.00 -8.20	27.38 1.75 -5.31	24.16 1.00 -12.32	22.20 0.81 -12.23
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	20.51 0.73 -1.51	18.07 0.57 -3.18	18.56 0.55 -4.55	18.37 0.58 -3.60	18.26 0.69 -1.57	19.73 1.01 0.00	30.21 1.70 -0.22	39.23 1.59 -7.71	32.76 1.37 -5.14	23.69 1.11 0.00	22.99 1.01 0.02	22.48 0.91 0.04	21.95 0.91 0.01	21.95 0.86 0.00	22.80 0.98 0.00	26.07 1.17 0.00	32.41 1.66 0.00	46.80 2.04 -9.58	55.64 1.81 -23.58	40.80 1.59 -10.84	32.36 1.20 -9.36	27.32 0.93 -6.06	25.26 0.36 -14.05	23.43 0.32 -13.95
NCHELSEA_115KV_TR2 355582	20.87 1.30 -1.31	18.03 0.96 -2.75	18.27 0.87 -3.94	18.21 0.91 -3.11	18.36 1.01 -1.36	19.96 1.24 0.00	30.46 1.98 -0.19	38.85 2.25 -6.67	32.64 1.94 -4.45	24.24 1.65 0.00	23.68 1.63 -0.04	23.23 1.56 -0.06	22.61 1.54 -0.02	22.64 1.56 0.00	23.48 1.66 0.00	26.84 1.94 0.00	33.15 2.40 0.00	46.46 2.99 -8.29	53.25 2.60 -20.40	40.11 2.35 -9.38	31.64 1.74 -8.10	26.95 1.38 -5.24	23.72 0.72 -12.16	21.84 0.60 -12.07
NEG CAPITAL___MECHNVIL 23645	21.01 1.11 -1.63	18.64 0.89 -3.43	19.22 0.86 -4.91	18.98 0.91 -3.88	18.78 1.09 -1.69	20.09 1.37 0.00	30.73 2.21 -0.24	40.65 2.40 -8.32	33.90 2.10 -5.55	24.33 1.74 0.00	23.53 1.59 0.06	23.00 1.47 0.09	22.47 1.45 0.03	22.56 1.48 0.00	23.39 1.57 0.00	26.74 1.84 0.00	33.06 2.31 0.00	48.55 2.75 -10.62	58.81 2.42 -26.15	42.58 2.18 -12.02	33.88 1.70 -10.38	28.47 1.42 -6.72	27.09 0.66 -15.58	25.17 0.54 -15.47
NEG CENTRAL_HIGH_ACRES 23767	18.51 -0.07 -0.32	14.93 -0.06 -0.68	14.38 -0.04 -0.97	14.91 -0.04 -0.77	16.37 0.03 -0.33	18.85 0.13 0.00	28.36 0.03 -0.05	31.37 -0.21 -1.64	27.21 -0.13 -1.09	22.38 -0.20 0.00	21.96 -0.04 0.00	21.59 -0.02 0.00	20.99 -0.06 0.00	21.04 -0.04 0.00	21.75 -0.07 0.00	24.67 -0.22 0.00	30.47 -0.28 0.00	36.75 -0.39 -1.96	34.80 -0.27 -4.82	30.25 -0.34 -2.22	23.54 -0.18 -1.92	21.42 -0.14 -1.24	13.72 0.00 -2.87	12.05 0.03 -2.85
NEG CENTRAL___DRP 24199	19.05 0.44 -0.34	15.38 0.34 -0.72	14.80 0.32 -1.03	15.34 0.34 -0.81	16.84 0.48 -0.35	19.47 0.75 0.00	29.30 0.96 -0.05	32.52 0.84 -1.74	28.12 0.71 -1.16	23.24 0.66 0.00	22.69 0.68 0.00	22.33 0.71 0.00	21.71 0.65 0.00	21.76 0.67 0.00	22.47 0.65 0.00	25.57 0.67 0.00	31.55 0.80 0.00	38.12 0.77 -2.16	36.30 0.73 -5.33	31.47 0.65 -2.45	24.50 0.59 -2.11	22.24 0.55 -1.37	14.34 0.31 -3.17	12.58 0.27 -3.15
NEG CENTRAL___INDECK 23768	19.48 0.82 -0.39	15.78 0.64 -0.82	15.25 0.62 -1.18	15.78 0.67 -0.93	17.27 0.86 -0.41	20.09 1.37 0.00	30.13 1.78 -0.06	33.55 1.62 -1.99	28.95 1.36 -1.33	23.69 1.11 0.00	23.26 1.25 0.00	22.87 1.25 0.00	22.21 1.16 0.00	22.22 1.14 0.00	22.93 1.11 0.00	26.02 1.12 0.00	32.32 1.57 0.00	39.21 1.65 -2.38	37.64 1.54 -5.85	32.42 1.36 -2.69	25.26 1.13 -2.32	22.82 1.00 -1.50	14.91 0.57 -3.49	13.13 0.50 -3.46
NEG CENTRAL___SENECA 23627	19.12 0.49 -0.36	15.45 0.39 -0.75	14.90 0.38 -1.08	15.45 0.41 -0.85	16.93 0.56 -0.37	19.64 0.92 0.00	29.50 1.16 -0.05	32.69 0.93 -1.82	28.31 0.84 -1.22	23.36 0.77 0.00	22.84 0.84 0.00	22.48 0.86 0.00	21.85 0.80 0.00	21.90 0.82 0.00	22.62 0.81 0.00	25.69 0.80 0.00	31.73 0.98 0.00	38.32 0.88 -2.27	36.64 0.82 -5.58	31.70 0.77 -2.56	24.69 0.68 -2.21	22.35 0.59 -1.43	14.53 0.36 -3.32	12.78 0.31 -3.30
NEG CENTRAL___STATE_STREET 24147	19.08 0.47 -0.34	15.40 0.37 -0.71	14.82 0.35 -1.02	15.35 0.35 -0.81	16.83 0.48 -0.35	19.41 0.69 0.00	29.27 0.93 -0.05	32.78 1.11 -1.73	28.32 0.92 -1.15	23.40 0.81 0.00	22.80 0.79 0.00	22.43 0.82 0.00	21.81 0.76 0.00	21.86 0.78 0.00	22.62 0.81 0.00	25.74 0.85 0.00	31.79 1.05 0.00	38.45 1.13 -2.15	36.59 1.06 -5.29	31.74 0.94 -2.43	24.69 0.78 -2.10	22.46 0.77 -1.36	14.34 0.34 -3.15	12.57 0.27 -3.13
NEG MILLWOOD___DRP 24198	20.96 1.37 -1.33	18.11 1.00 -2.79	18.37 0.93 -3.99	18.32 0.98 -3.15	18.45 1.07 -1.37	20.05 1.33 0.00	30.60 2.12 -0.19	39.21 2.51 -6.76	32.91 2.15 -4.51	24.49 1.90 0.00	23.95 1.89 -0.05	23.48 1.79 -0.07	22.85 1.77 -0.03	22.89 1.81 0.00	23.72 1.90 0.00	27.11 2.22 0.00	33.42 2.68 0.00	46.85 3.27 -8.40	53.79 2.87 -20.68	40.49 2.61 -9.51	31.95 1.94 -8.21	27.16 1.52 -5.31	23.95 0.78 -12.32	22.02 0.62 -12.23

NEG NORTH_FLCN_SEA 23793	17.61 -0.66 0.00	13.83 -0.49 0.00	12.98 -0.47 0.00	13.71 -0.48 0.00	15.41 -0.59 0.00	17.68 -1.03 0.01	26.93 -1.36 0.00	28.71 -1.23 0.00	25.46 -0.79 0.00	22.16 -0.43 0.00	21.68 -0.33 0.00	21.29 -0.32 0.00	20.80 -0.25 0.00	20.79 -0.30 0.00	21.51 -0.31 0.00	24.57 -0.32 0.00	30.41 -0.34 0.00	34.30 -0.88 0.00	29.79 -0.45 0.00	28.43 0.06 0.00	21.50 -0.31 0.00	19.92 -0.41 0.00	8.84 -0.36 1.65	8.84 -0.32 0.00
NEG NORTH_KES_CHATEGAY 23792	17.46 -0.80 0.00	13.71 -0.60 0.00	12.87 -0.58 0.00	13.59 -0.60 0.00	15.28 -0.72 0.00	17.68 -1.03 0.01	26.93 -1.36 0.00	28.65 -1.29 0.00	25.39 -0.87 0.00	22.07 -0.52 0.00	21.59 -0.42 0.00	21.20 -0.41 0.00	20.70 -0.36 0.00	20.70 -0.38 0.00	21.42 -0.39 0.00	24.47 -0.42 0.00	30.29 -0.46 0.00	34.40 -0.77 0.00	29.67 -0.57 0.00	28.11 -0.26 0.00	21.28 -0.52 0.00	19.70 -0.63 0.00	8.77 -0.46 1.62	8.76 -0.40 0.00
NEG NORTH___ALICE_FALLS 23915	17.57 -0.69 0.00	13.80 -0.52 0.00	12.95 -0.50 0.00	13.68 -0.51 0.00	15.38 -0.62 0.00	17.72 -0.99 0.01	26.99 -1.30 0.00	28.77 -1.17 0.00	25.52 -0.74 0.00	22.20 -0.38 0.00	21.72 -0.29 0.00	21.33 -0.28 0.00	20.84 -0.21 0.00	20.83 -0.25 0.00	21.56 -0.26 0.00	24.62 -0.27 0.00	30.50 -0.25 0.00	34.51 -0.67 0.00	29.85 -0.39 0.00	28.43 0.06 0.00	21.47 -0.33 0.00	19.90 -0.43 0.00	8.83 -0.37 1.65	8.83 -0.33 0.00
NEG NORTH___LWR_SARANAC 23913	17.57 -0.69 0.00	13.80 -0.52 0.00	12.95 -0.50 0.00	13.68 -0.51 0.00	15.38 -0.62 0.00	17.72 -0.99 0.01	26.99 -1.30 0.00	28.77 -1.17 0.00	25.52 -0.74 0.00	22.20 -0.38 0.00	21.72 -0.29 0.00	21.33 -0.28 0.00	20.84 -0.21 0.00	20.83 -0.25 0.00	21.56 -0.26 0.00	24.62 -0.27 0.00	30.50 -0.25 0.00	34.51 -0.67 0.00	29.85 -0.39 0.00	28.43 0.06 0.00	21.47 -0.33 0.00	19.90 -0.43 0.00	8.83 -0.37 1.65	8.83 -0.33 0.00
NEG NORTH___PLATTSBURG 23628	17.57 -0.69 0.00	13.80 -0.51 0.00	12.95 -0.50 0.00	13.68 -0.51 0.00	15.38 -0.62 0.00	17.72 -0.99 0.01	26.99 -1.30 0.00	28.77 -1.17 0.00	25.52 -0.73 0.00	22.20 -0.38 0.00	21.72 -0.29 0.00	21.33 -0.28 0.00	20.84 -0.21 0.00	20.83 -0.25 0.00	21.56 -0.26 0.00	24.62 -0.27 0.00	30.50 -0.25 0.00	34.51 -0.67 0.00	29.85 -0.39 0.00	28.43 0.06 0.00	21.47 -0.33 0.00	19.90 -0.43 0.00	8.83 -0.37 1.65	8.83 -0.33 0.00
NEG WEST_LEA_LOCKPORT 23791	18.60 -0.02 -0.35	15.18 0.11 -0.75	14.65 0.13 -1.07	15.19 0.16 -0.84	16.62 0.26 -0.37	19.36 0.64 0.00	28.48 0.14 -0.05	31.39 -0.36 -1.81	27.25 -0.21 -1.21	22.52 -0.07 0.00	22.20 0.20 0.00	22.00 0.39 0.00	21.43 0.38 0.00	21.40 0.32 0.00	22.12 0.31 0.00	24.92 0.02 0.00	30.47 0.00 0.00	36.93 -0.49 -2.25	35.29 -0.48 -5.53	30.43 -0.48 -2.54	23.76 -0.24 -2.20	21.44 -0.30 -1.42	14.15 0.01 -3.29	12.56 0.13 -3.27
NEG WEST___LANCASTR 23811	18.25 -0.40 -0.39	14.87 -0.26 -0.82	14.39 -0.23 -1.17	14.88 -0.23 -0.92	16.24 -0.16 -0.40	19.66 0.94 0.00	28.23 -0.11 -0.06	31.23 -0.69 -1.98	27.02 -0.55 -1.32	23.08 0.50 0.00	22.75 0.75 0.00	22.54 0.93 0.00	21.94 0.88 0.00	21.90 0.82 0.00	22.65 0.83 0.00	25.49 0.60 0.00	31.30 0.55 0.00	36.83 -0.81 -2.46	35.54 -0.76 -6.05	30.33 -0.82 -2.78	23.66 -0.55 -2.40	21.25 -0.63 -1.55	14.24 -0.21 -3.60	12.63 -0.11 -3.58
NEG_PENN_ALLEGHNY 23528	19.39 0.53 -0.59	15.97 0.42 -1.24	15.63 0.40 -1.77	16.01 0.43 -1.40	17.16 0.54 -0.61	19.56 0.84 0.00	29.45 1.07 -0.09	33.96 1.02 -3.00	29.09 0.84 -2.00	23.45 0.86 0.00	22.91 0.90 0.00	22.52 0.91 0.00	21.92 0.86 0.00	21.95 0.86 0.00	22.69 0.87 0.00	25.82 0.92 0.00	31.95 1.20 0.00	39.84 1.13 -3.54	39.92 0.97 -8.71	33.25 0.88 -4.01	25.98 0.72 -3.46	23.19 0.63 -2.24	16.39 0.36 -5.19	14.63 0.31 -5.15
NEG___GEN_MONROE 24207	18.96 0.37 -0.33	15.35 0.34 -0.69	14.76 0.32 -0.98	15.32 0.35 -0.78	16.79 0.45 -0.34	19.43 0.71 0.00	29.04 0.71 -0.05	31.99 0.39 -1.67	27.81 0.45 -1.11	22.84 0.25 0.00	22.42 0.42 0.00	22.13 0.52 0.00	21.54 0.48 0.00	21.52 0.44 0.00	22.28 0.46 0.00	25.19 0.30 0.00	30.93 0.18 0.00	37.49 0.25 -2.07	35.58 0.24 -5.09	30.88 0.17 -2.34	24.08 0.26 -2.02	21.86 0.22 -1.31	14.14 0.26 -3.03	12.44 0.27 -3.01
NEPA___ENERGY 23901	18.91 0.26 -0.39	15.40 0.26 -0.83	14.89 0.26 -1.18	15.42 0.30 -0.93	16.82 0.42 -0.41	19.86 1.14 0.00	29.08 0.74 -0.06	32.36 0.42 -2.00	28.00 0.42 -1.33	23.42 0.84 0.00	23.06 1.06 0.00	22.84 1.23 0.00	22.23 1.18 0.00	22.20 1.12 0.00	22.93 1.11 0.00	25.87 0.97 0.00	31.64 0.89 0.00	38.02 0.35 -2.49	36.61 0.24 -6.13	31.30 0.11 -2.82	24.41 0.17 -2.43	21.96 0.06 -1.57	14.63 0.13 -3.65	12.96 0.17 -3.62
NEVERSINK___HYD 23608	20.71 1.30 -1.14	17.65 0.93 -2.41	17.75 0.86 -3.44	17.79 0.88 -2.72	18.18 0.99 -1.18	19.90 1.18 0.00	30.35 1.90 -0.17	37.77 2.01 -5.83	31.84 1.71 -3.89	24.03 1.45 0.00	23.46 1.43 -0.03	23.06 1.40 -0.04	22.44 1.37 -0.01	22.47 1.39 0.00	23.28 1.46 0.00	26.61 1.72 0.00	32.90 2.15 0.00	45.15 2.71 -7.26	50.45 2.33 -17.88	38.72 2.13 -8.22	30.45 1.55 -7.10	26.16 1.24 -4.59	22.19 0.69 -10.65	20.33 0.60 -10.58
NEWKRMKL_115KV_TB1 55635	20.42 0.55 -1.61	18.13 0.44 -3.38	18.70 0.42 -4.83	18.44 0.44 -3.82	18.17 0.51 -1.66	19.38 0.66 0.00	29.63 1.10 -0.24	39.34 1.23 -8.17	32.80 1.10 -5.45	23.45 0.86 0.00	22.70 0.75 0.06	22.20 0.67 0.08	21.72 0.69 0.03	21.80 0.72 0.00	22.60 0.79 0.00	25.82 0.92 0.00	31.98 1.23 0.00	46.84 1.51 -10.15	56.54 1.30 -24.99	41.05 1.19 -11.49	32.66 0.94 -9.92	27.50 0.75 -6.42	26.08 0.34 -14.89	24.22 0.27 -14.79
NEWTON___FALLS_HYD 23847	17.70 -0.64 -0.08	13.98 -0.50 -0.16	13.20 -0.48 -0.23	13.86 -0.51 -0.18	15.43 -0.66 -0.08	17.89 -0.82 0.00	27.22 -1.07 -0.01	29.28 -1.05 -0.39	25.78 -0.74 -0.26	21.98 -0.61 0.00	21.39 -0.62 0.00	20.88 -0.73 0.00	20.15 -0.91 0.00	20.07 -1.01 0.00	20.77 -1.05 0.00	23.75 -1.15 0.00	29.52 -1.23 0.00	34.44 -1.23 -0.49	30.46 -1.00 -1.21	28.05 -0.88 -0.56	21.43 -0.85 -0.48	19.86 -0.77 -0.31	10.31 -0.41 0.12	9.58 -0.30 -0.72
NGRID_A1_DSASP 323792	18.32 -0.31 -0.36	14.92 -0.16 -0.76	14.40 -0.13 -1.09	14.92 -0.13 -0.86	16.30 -0.08 -0.37	18.93 0.21 0.00	27.92 -0.42 -0.05	30.76 -1.02 -1.84	26.67 -0.81 -1.23	22.00 -0.59 0.00	21.83 -0.18 0.00	21.53 -0.09 0.00	20.97 -0.08 0.00	20.94 -0.15 0.00	21.64 -0.18 0.00	24.32 -0.57 0.00	29.89 -0.86 0.00	36.08 -1.30 -2.20	34.48 -1.18 -5.42	29.72 -1.14 -2.49	23.25 -0.70 -2.15	21.07 -0.65 -1.39	13.91 -0.16 -3.23	12.33 -0.04 -3.20
NGRID_A2_DSASP 323793	18.32 -0.31 -0.36	14.92 -0.16 -0.76	14.40 -0.13 -1.09	14.92 -0.13 -0.86	16.30 -0.08 -0.37	18.93 0.21 0.00	27.92 -0.42 -0.05	30.76 -1.02 -1.84	26.67 -0.81 -1.23	22.00 -0.59 0.00	21.83 -0.18 0.00	21.53 -0.09 0.00	20.97 -0.08 0.00	20.94 -0.15 0.00	21.64 -0.18 0.00	24.32 -0.57 0.00	29.89 -0.86 0.00	36.08 -1.30 -2.20	34.48 -1.18 -5.42	29.72 -1.14 -2.49	23.25 -0.70 -2.15	21.07 -0.65 -1.39	13.91 -0.16 -3.23	12.33 -0.04 -3.20

NGRID_A4_DSASP 323807	18.32 -0.31 -0.36	14.92 -0.16 -0.76	14.40 -0.13 -1.09	14.92 -0.13 -0.86	16.30 -0.08 -0.37	18.93 0.21 0.00	27.92 -0.42 -0.05	30.76 -1.02 -1.84	26.67 -0.81 -1.23	22.00 -0.59 0.00	21.83 -0.18 0.00	21.53 -0.09 0.00	20.97 -0.08 0.00	20.94 -0.15 0.00	21.64 -0.18 0.00	24.32 -0.57 0.00	29.89 -0.86 0.00	36.08 -1.30 -2.20	34.48 -1.18 -5.42	29.72 -1.14 -2.49	23.25 -0.70 -2.15	21.07 -0.65 -1.39	13.91 -0.16 -3.23	12.33 -0.04 -3.20
NIAGARA_115E_LBMP 323715	18.33 -0.29 -0.36	15.02 -0.06 -0.76	14.50 -0.04 -1.09	15.02 -0.03 -0.86	16.41 0.03 -0.37	19.08 0.35 0.00	27.97 -0.37 -0.05	30.82 -0.96 -1.84	26.74 -0.73 -1.23	22.09 -0.50 0.00	21.90 -0.11 0.00	21.59 -0.02 0.00	21.03 -0.02 0.00	21.00 -0.08 0.00	21.73 -0.09 0.00	24.40 -0.50 0.00	30.01 -0.74 0.00	36.18 -1.20 -2.20	34.57 -1.09 -5.41	29.81 -1.05 -2.49	23.29 -0.65 -2.15	21.11 -0.61 -1.39	13.91 -0.16 -3.22	12.35 -0.01 -3.20
NIAGARA_115W_LBMP 323714	18.26 -0.37 -0.36	14.89 -0.19 -0.76	14.38 -0.16 -1.09	14.89 -0.16 -0.86	16.25 -0.13 -0.37	18.87 0.15 0.00	27.83 -0.51 -0.05	30.67 -1.11 -1.84	26.61 -0.87 -1.23	21.93 -0.66 0.00	21.76 -0.24 0.00	21.46 -0.15 0.00	20.91 -0.15 0.00	20.87 -0.21 0.00	21.58 -0.24 0.00	24.25 -0.65 0.00	29.79 -0.95 0.00	36.00 -1.37 -2.20	34.41 -1.24 -5.41	29.64 -1.22 -2.49	23.19 -0.76 -2.15	21.02 -0.69 -1.39	13.88 -0.19 -3.22	12.30 -0.06 -3.20
NIAGARA_230_LBMP 323716	18.50 -0.13 -0.36	15.07 0.00 -0.76	14.55 0.01 -1.08	15.07 0.03 -0.85	16.45 0.08 -0.37	19.13 0.41 0.00	28.23 -0.11 -0.05	31.08 -0.69 -1.83	26.95 -0.52 -1.22	22.25 -0.34 0.00	22.05 0.04 0.00	21.74 0.13 0.00	21.18 0.13 0.00	21.15 0.06 0.00	21.88 0.07 0.00	24.57 -0.32 0.00	30.23 -0.52 0.00	36.45 -0.91 -2.19	34.84 -0.79 -5.38	30.02 -0.82 -2.47	23.48 -0.46 -2.14	21.28 -0.43 -1.38	14.00 -0.05 -3.21	12.40 0.06 -3.18
NIAGARA__115KV_198_GIBSON 55903	18.26 -0.37 -0.36	14.89 -0.19 -0.76	14.38 -0.16 -1.09	14.89 -0.16 -0.86	16.25 -0.13 -0.37	18.87 0.15 0.00	27.86 -0.48 -0.05	30.67 -1.11 -1.84	26.61 -0.87 -1.23	21.96 -0.63 0.00	21.68 -0.33 0.00	21.46 -0.15 0.00	20.91 -0.15 0.00	20.87 -0.21 0.00	21.58 -0.24 0.00	24.27 -0.62 0.00	29.61 -1.14 0.00	36.09 -1.37 -2.29	34.64 -1.24 -5.63	29.77 -1.19 -2.59	23.27 -0.76 -2.24	21.04 -0.73 -1.45	14.01 -0.20 -3.36	12.43 -0.06 -3.33
NIAGARA____ 23760	18.50 -0.13 -0.36	15.07 0.00 -0.76	14.55 0.01 -1.09	15.08 0.03 -0.86	16.46 0.08 -0.37	19.13 0.41 0.00	28.23 -0.11 -0.05	31.09 -0.69 -1.84	26.95 -0.52 -1.23	22.25 -0.34 0.00	22.05 0.04 0.00	21.74 0.13 0.00	21.18 0.13 0.00	21.15 0.06 0.00	21.88 0.07 0.00	24.57 -0.32 0.00	30.23 -0.52 0.00	36.46 -0.91 -2.19	34.86 -0.79 -5.40	30.03 -0.82 -2.48	23.49 -0.46 -2.14	21.29 -0.43 -1.39	14.01 -0.05 -3.22	12.42 0.06 -3.20
NINE_MILE_1 23575	18.16 -0.31 -0.20	14.50 -0.24 -0.43	13.85 -0.22 -0.61	14.44 -0.23 -0.48	15.97 -0.24 -0.21	18.46 -0.26 0.00	27.81 -0.51 -0.03	30.23 -0.75 -1.04	26.26 -0.68 -0.69	21.98 -0.61 0.00	21.43 -0.57 0.00	21.07 -0.54 0.00	20.53 -0.53 0.00	20.56 -0.53 0.00	21.25 -0.57 0.00	24.22 -0.67 0.00	29.89 -0.86 0.00	35.40 -1.02 -1.25	32.43 -0.88 -3.07	28.96 -0.82 -1.41	22.47 -0.54 -1.22	20.75 -0.37 -0.79	12.51 -0.16 -1.83	10.84 -0.14 -1.81
NINE_MILE_2 23744	18.16 -0.31 -0.20	14.50 -0.24 -0.43	13.84 -0.22 -0.61	14.44 -0.23 -0.48	15.97 -0.24 -0.21	18.46 -0.26 0.00	27.81 -0.51 -0.03	30.22 -0.75 -1.03	26.23 -0.71 -0.69	21.98 -0.61 0.00	21.43 -0.57 0.00	21.07 -0.54 0.00	20.53 -0.53 0.00	20.56 -0.53 0.00	21.25 -0.57 0.00	24.22 -0.67 0.00	29.89 -0.86 0.00	35.40 -1.02 -1.24	32.42 -0.88 -3.05	28.95 -0.82 -1.40	22.47 -0.54 -1.21	20.74 -0.37 -0.78	12.50 -0.16 -1.82	10.83 -0.14 -1.81
NM_CAPITAL____DRP 24208	20.47 0.60 -1.60	18.17 0.49 -3.37	18.72 0.44 -4.82	18.48 0.48 -3.81	18.22 0.56 -1.66	19.43 0.71 0.00	29.68 1.16 -0.23	39.42 1.32 -8.16	32.88 1.18 -5.44	23.51 0.93 0.00	22.76 0.81 0.06	22.26 0.73 0.09	21.78 0.76 0.03	21.86 0.78 0.00	22.67 0.85 0.00	25.89 1.00 0.00	32.10 1.35 0.00	46.93 1.62 -10.13	56.58 1.39 -24.94	41.11 1.28 -11.47	32.70 1.00 -9.90	27.55 0.81 -6.41	26.08 0.37 -14.86	24.22 0.30 -14.75
NM_CENTRAL____DRP 24181	18.71 0.16 -0.28	15.03 0.13 -0.58	14.41 0.12 -0.84	14.98 0.13 -0.66	16.48 0.19 -0.29	19.02 0.30 0.00	28.67 0.34 -0.04	31.53 0.18 -1.42	27.30 0.11 -0.94	22.68 0.09 0.00	22.12 0.11 0.00	21.76 0.15 0.00	21.18 0.13 0.00	21.23 0.15 0.00	21.95 0.13 0.00	24.97 0.07 0.00	30.78 0.03 0.00	36.94 0.00 -1.76	34.57 0.00 -4.33	30.33 -0.03 -1.99	23.63 0.11 -1.72	21.64 0.20 -1.11	13.56 0.13 -2.58	11.84 0.12 -2.56
NM_FRONTIER____DRP 24179	18.26 -0.37 -0.36	14.89 -0.19 -0.76	14.38 -0.16 -1.09	14.89 -0.16 -0.86	16.25 -0.13 -0.37	18.87 0.15 0.00	27.86 -0.48 -0.05	30.67 -1.11 -1.84	26.61 -0.87 -1.23	21.96 -0.63 0.00	21.68 -0.33 0.00	21.46 -0.15 0.00	20.91 -0.15 0.00	20.87 -0.21 0.00	21.58 -0.24 0.00	24.27 -0.62 0.00	29.61 -1.14 0.00	36.09 -1.37 -2.29	34.64 -1.24 -5.63	29.77 -1.19 -2.59	23.27 -0.76 -2.24	21.04 -0.73 -1.45	14.01 -0.20 -3.36	12.43 -0.06 -3.33
NM_ST_REGIS____HYD 24053	17.46 -0.84 -0.04	13.75 -0.64 -0.08	12.95 -0.62 -0.12	13.64 -0.64 -0.09	15.16 -0.88 -0.04	17.50 -1.22 0.01	26.65 -1.64 -0.01	28.58 -1.56 -0.20	25.39 -1.00 -0.13	21.91 -0.68 0.00	21.35 -0.66 0.00	20.83 -0.78 0.00	20.09 -0.97 0.00	19.96 -1.12 0.00	20.66 -1.16 0.00	23.63 -1.27 0.00	29.30 -1.45 0.00	33.85 -1.58 -0.25	29.54 -1.33 -0.63	27.52 -1.13 -0.29	20.94 -1.11 -0.25	19.41 -1.08 -0.16	9.32 -0.57 0.95	9.12 -0.41 -0.37
NORTHPORT____1 23551	22.78 1.68 -2.83	21.10 1.24 -5.54	20.45 1.16 -5.85	20.63 1.19 -5.25	22.46 1.28 -5.17	24.03 1.65 -3.67	31.71 2.55 -0.88	39.47 2.81 -6.72	33.25 2.50 -4.50	30.30 2.35 -5.36	27.30 2.29 -3.01	28.10 2.18 -4.31	27.81 2.19 -4.57	27.80 2.23 -4.48	28.59 2.29 -4.48	29.30 2.59 -1.82	37.27 2.98 -3.54	50.59 3.52 -11.89	56.32 3.02 -23.05	44.82 2.78 -13.67	39.55 2.05 -15.70	29.79 1.77 -7.70	28.59 0.87 -16.88	26.46 0.79 -16.50
NORTHPORT____2 23552	22.78 1.68 -2.83	21.10 1.24 -5.54	20.45 1.16 -5.85	20.63 1.19 -5.25	22.46 1.28 -5.17	24.03 1.65 -3.67	31.71 2.55 -0.88	39.47 2.81 -6.72	33.25 2.50 -4.50	30.30 2.35 -5.36	27.30 2.29 -3.01	28.10 2.18 -4.31	27.81 2.19 -4.57	27.80 2.23 -4.48	28.59 2.29 -4.48	29.30 2.59 -1.82	37.27 2.98 -3.54	50.59 3.52 -11.89	56.32 3.02 -23.05	44.82 2.78 -13.67	39.55 2.05 -15.70	29.79 1.77 -7.70	28.59 0.87 -16.88	26.46 0.79 -16.50
NORTHPORT____3 23553	22.87 1.77 -2.83	21.18 1.33 -5.54	20.53 1.24 -5.85	20.72 1.28 -5.25	22.58 1.41 -5.17	24.13 1.74 -3.67	31.96 2.80 -0.88	39.89 3.23 -6.72	33.69 2.91 -4.52	30.50 2.55 -5.36	27.50 2.49 -3.00	28.38 2.46 -4.31	28.06 2.44 -4.56	28.01 2.44 -4.48	28.85 2.55 -4.48	29.75 2.99 -1.87	37.79 3.50 -3.54	51.44 4.18 -12.07	57.66 3.60 -23.82	46.54 3.32 -14.85	39.96 2.46 -15.70	30.17 2.09 -7.76	28.88 1.08 -16.95	26.54 0.87 -16.50

NORTHPORT___4 23650	22.87 1.77 -2.83	21.18 1.33 -5.54	20.53 1.24 -5.85	20.72 1.28 -5.25	22.58 1.41 -5.17	24.13 1.74 -3.67	31.96 2.80 -0.88	39.89 3.23 -6.72	33.69 2.91 -4.52	30.50 2.55 -5.36	27.50 2.49 -3.00	28.38 2.46 -4.31	28.06 2.44 -4.56	28.01 2.44 -4.48	28.85 2.55 -4.48	29.75 2.99 -1.87	37.79 3.50 -3.54	51.44 4.18 -12.07	57.66 3.60 -23.82	46.54 3.32 -14.85	39.96 2.46 -15.70	30.17 2.09 -7.76	28.88 1.08 -16.95	26.54 0.87 -16.50
NORTHPORT___IC 23718	22.78 1.68 -2.83	21.10 1.24 -5.54	20.45 1.16 -5.85	20.63 1.19 -5.25	22.46 1.28 -5.17	24.03 1.65 -3.67	31.71 2.55 -0.88	39.47 2.81 -6.72	33.25 2.50 -4.50	30.30 2.35 -5.36	27.30 2.29 -3.01	28.10 2.18 -4.31	27.81 2.19 -4.57	27.80 2.23 -4.48	28.59 2.29 -4.48	29.30 2.59 -1.82	37.27 2.98 -3.54	50.59 3.52 -11.89	56.32 3.02 -23.05	44.82 2.78 -13.67	39.55 2.05 -15.70	29.79 1.77 -7.70	28.59 0.87 -16.88	26.46 0.79 -16.50
NORTH___COUNTRY_ESR 323785	17.43 -0.84 0.00	13.67 -0.64 0.00	12.85 -0.61 0.00	13.55 -0.64 0.00	15.25 -0.75 0.00	17.65 -1.07 0.01	26.87 -1.41 0.00	28.56 -1.38 0.00	25.31 -0.94 0.00	22.00 -0.59 0.00	21.54 -0.46 0.00	21.16 -0.45 0.00	20.65 -0.40 0.00	20.64 -0.44 0.00	21.36 -0.46 0.00	24.40 -0.50 0.00	30.20 -0.55 0.00	34.30 -0.88 0.00	29.61 -0.64 0.00	28.03 -0.34 0.00	21.21 -0.59 0.00	19.65 -0.67 0.00	8.74 -0.49 1.62	8.73 -0.43 0.00
NPX_GEN_1385_PROXY 323591	22.65 1.55 -2.83	20.97 1.12 -5.54	20.32 1.02 -5.85	20.51 1.06 -5.25	22.20 1.03 -5.17	23.90 1.52 -3.67	31.60 2.43 -0.88	38.84 2.18 -6.72	32.69 1.94 -4.50	27.90 1.38 -3.93	25.80 1.34 -2.45	24.70 1.25 -1.84	24.80 1.31 -2.44	25.60 1.33 -3.19	26.60 1.38 -3.41	28.53 1.82 -1.82	36.10 1.81 -3.54	49.39 2.32 -11.89	55.32 2.03 -23.05	43.80 1.76 -13.67	35.70 1.26 -12.64	29.24 1.22 -7.70	28.00 0.54 -16.61	25.40 0.51 -15.72
NPX_GEN_CSC 323557	23.09 1.99 -2.83	21.31 1.46 -5.54	20.68 1.39 -5.85	20.89 1.45 -5.25	22.71 1.54 -5.17	24.37 1.98 -3.67	32.27 3.11 -0.88	40.28 3.62 -6.72	36.04 3.33 -6.45	30.93 2.94 -5.40	27.96 2.90 -3.05	28.69 2.77 -4.31	28.48 2.82 -4.61	28.47 2.87 -4.52	29.31 2.97 -4.52	34.11 3.39 -5.83	38.26 3.94 -3.58	63.62 4.61 -23.83	105.91 3.99 -71.68	119.91 3.69 -87.85	40.29 2.75 -15.74	34.65 2.38 -11.94	33.87 1.15 -21.87	26.69 0.98 -16.55
NSINS_S_GLNS_FALLS 23858	21.07 1.17 -1.64	18.68 0.92 -3.45	19.36 0.98 -4.93	19.10 1.02 -3.89	19.02 1.33 -1.69	20.42 1.70 0.00	31.30 2.77 -0.24	41.31 3.02 -8.34	34.47 2.65 -5.56	24.78 2.19 0.00	23.93 1.98 0.05	23.35 1.82 0.08	22.79 1.77 0.03	22.87 1.79 0.00	23.71 1.90 0.00	27.14 2.24 0.00	33.42 2.68 0.00	48.64 3.10 -10.36	58.54 2.78 -25.52	42.57 2.47 -11.73	33.85 1.92 -10.13	28.47 1.59 -6.56	26.75 0.69 -15.20	24.81 0.55 -15.09
NUCOR_STEEL___DRP 24197	19.13 0.53 -0.33	15.42 0.40 -0.70	14.84 0.39 -1.00	15.38 0.40 -0.79	16.86 0.51 -0.34	19.45 0.73 0.00	29.30 0.96 -0.05	32.53 0.90 -1.70	28.12 0.74 -1.13	23.22 0.63 0.00	22.62 0.62 0.00	22.26 0.65 0.00	21.66 0.61 0.00	21.71 0.63 0.00	22.45 0.63 0.00	25.54 0.65 0.00	31.55 0.80 0.00	38.17 0.88 -2.11	36.25 0.82 -5.19	31.49 0.74 -2.39	24.49 0.63 -2.06	22.31 0.65 -1.33	14.30 0.36 -3.09	12.53 0.29 -3.07
NUMBER_THREE_WT_PWR 323818	18.31 -0.05 -0.10	14.47 -0.06 -0.21	13.69 -0.07 -0.30	14.34 -0.08 -0.24	16.03 -0.08 -0.10	18.66 -0.06 0.00	28.36 0.06 -0.01	30.51 0.06 -0.52	26.65 0.05 -0.34	22.54 -0.05 0.00	21.92 -0.09 0.00	21.46 -0.15 0.00	20.78 -0.27 0.00	20.77 -0.32 0.00	21.51 -0.31 0.00	24.57 -0.32 0.00	30.60 -0.15 0.00	35.83 0.04 -0.62	31.88 0.12 -1.52	29.18 0.11 -0.70	22.38 -0.02 -0.60	20.70 -0.02 -0.39	11.42 -0.01 -0.59	10.05 -0.01 -0.90
NYISO_LBMP_REFERENCE 24008	18.27 0.00 0.00	14.31 0.00 0.00	13.45 0.00 0.00	14.19 0.00 0.00	16.00 0.00 0.00	18.72 0.00 0.00	28.29 0.00 0.00	29.94 0.00 0.00	26.25 0.00 0.00	22.59 0.00 0.00	22.01 0.00 0.00	21.61 0.00 0.00	21.05 0.00 0.00	21.08 0.00 0.00	21.82 0.00 0.00	24.90 0.00 0.00	30.75 0.00 0.00	35.18 0.00 0.00	30.24 0.00 0.00	28.37 0.00 0.00	21.80 0.00 0.00	20.33 0.00 0.00	10.85 0.00 0.00	9.16 0.00 0.00
NYPA_BRENTWD___GT 24164	23.07 1.97 -2.83	21.31 1.46 -5.54	20.66 1.36 -5.85	20.86 1.42 -5.25	22.70 1.52 -5.17	24.35 1.97 -3.67	32.27 3.11 -0.88	40.16 3.50 -6.72	33.67 2.70 -4.71	30.73 2.78 -5.37	27.48 2.46 -3.01	28.56 2.64 -4.31	28.09 2.46 -4.57	27.93 2.36 -4.49	28.75 2.44 -4.49	29.96 2.81 -2.26	37.73 3.44 -3.54	52.17 3.80 -13.20	61.85 3.24 -28.37	53.16 3.01 -21.79	39.73 2.22 -15.71	30.44 1.95 -8.16	29.22 0.95 -17.42	26.53 0.86 -16.51
NYPA_GOWANUS___GT5 24156	21.22 1.63 -1.33	18.30 1.20 -2.78	18.51 1.09 -3.97	18.42 1.09 -3.14	18.55 1.18 -1.37	20.14 1.42 0.00	30.71 2.23 -0.19	39.26 2.60 -6.72	33.02 2.28 -4.48	24.76 2.17 0.00	24.20 2.11 -0.08	28.28 1.99 -4.68	30.22 1.98 -7.18	30.17 1.98 -7.11	30.52 2.07 -6.63	32.01 2.44 -4.67	33.48 2.74 0.01	47.02 3.45 -8.39	53.78 2.87 -20.66	40.54 2.67 -9.50	32.01 2.00 -8.20	27.38 1.75 -5.31	24.16 1.00 -12.32	22.20 0.81 -12.23
NYPA_GOWANUS___GT6 24157	21.22 1.63 -1.33	18.30 1.20 -2.78	18.51 1.09 -3.97	18.42 1.09 -3.14	18.55 1.18 -1.37	20.14 1.42 0.00	30.71 2.23 -0.19	39.26 2.60 -6.72	33.02 2.28 -4.48	24.76 2.17 0.00	24.20 2.11 -0.08	28.28 1.99 -4.68	30.22 1.98 -7.18	30.17 1.98 -7.11	30.52 2.07 -6.63	32.01 2.44 -4.67	33.48 2.74 0.01	47.02 3.45 -8.39	53.78 2.87 -20.66	40.54 2.67 -9.50	32.01 2.00 -8.20	27.38 1.75 -5.31	24.16 1.00 -12.32	22.20 0.81 -12.23
NYPA_HARLEM__RVR_GT1 24160	21.13 1.53 -1.33	18.21 1.12 -2.78	18.46 1.04 -3.97	18.36 1.04 -3.14	18.47 1.10 -1.37	20.03 1.31 0.00	30.60 2.12 -0.19	39.07 2.42 -6.71	32.85 2.13 -4.47	24.61 2.03 0.01	24.07 2.00 -0.06	24.05 1.92 -0.51	36.27 1.92 -13.30	23.66 1.92 -0.66	24.42 1.99 -0.62	27.67 2.34 -0.43	33.35 2.61 0.01	46.83 3.27 -8.38	53.62 2.72 -20.65	40.39 2.52 -9.49	31.87 1.88 -8.19	27.17 1.54 -5.30	24.07 0.91 -12.31	22.15 0.76 -12.23
NYPA_HARLEM__RVR_GT2 24161	21.13 1.53 -1.33	18.21 1.12 -2.78	18.46 1.04 -3.97	18.36 1.04 -3.14	18.47 1.10 -1.37	20.03 1.31 0.00	30.60 2.12 -0.19	39.07 2.42 -6.71	32.85 2.13 -4.47	24.61 2.03 0.01	24.07 2.00 -0.06	24.05 1.92 -0.51	36.27 1.92 -13.30	23.66 1.92 -0.66	24.42 1.99 -0.62	27.67 2.34 -0.43	33.35 2.61 0.01	46.83 3.27 -8.38	53.62 2.72 -20.65	40.39 2.52 -9.49	31.87 1.88 -8.19	27.17 1.54 -5.30	24.07 0.91 -12.31	22.15 0.76 -12.23
NYPA_KENT___GT 24152	21.16 1.57 -1.33	18.24 1.15 -2.78	18.47 1.05 -3.97	18.37 1.05 -3.14	18.50 1.14 -1.37	20.11 1.39 0.00	30.69 2.21 -0.19	39.23 2.58 -6.72	32.99 2.26 -4.48	24.71 2.12 0.00	24.18 2.09 -0.08	28.26 1.97 -4.68	30.20 1.96 -7.18	30.17 1.98 -7.11	30.50 2.05 -6.63	31.98 2.41 -4.67	33.48 2.74 0.01	46.98 3.41 -8.39	53.75 2.84 -20.66	40.51 2.64 -9.50	31.99 1.98 -8.20	27.32 1.69 -5.31	24.13 0.97 -12.32	22.16 0.77 -12.23

NYPA_POUCH1____GT 24155	21.24 1.64 -1.33	18.31 1.22 -2.78	18.52 1.10 -3.97	18.44 1.12 -3.14	18.58 1.22 -1.37	20.16 1.44 0.00	30.74 2.26 -0.19	39.15 2.64 -6.57	33.03 2.31 -4.47	24.78 2.19 0.00	24.24 2.16 -0.08	28.30 2.01 -4.68	30.24 2.00 -7.18	30.22 2.02 -7.11	30.54 2.09 -6.63	32.03 2.47 -4.67	33.46 2.74 0.02	46.71 3.45 -8.08	53.32 2.87 -20.20	40.37 2.67 -9.33	32.05 2.05 -8.20	27.40 1.77 -5.31	24.19 1.02 -12.32	22.21 0.82 -12.23
NYPA_VERNON____GT2 24162	21.09 1.50 -1.33	18.20 1.10 -2.78	18.42 1.00 -3.97	18.33 1.01 -3.14	18.46 1.09 -1.37	20.05 1.33 0.00	30.66 2.18 -0.19	39.20 2.54 -6.72	32.96 2.23 -4.48	24.66 2.08 0.00	24.13 2.05 -0.08	28.24 1.95 -4.68	30.17 1.94 -7.18	30.15 1.96 -7.11	30.48 2.03 -6.63	31.93 2.37 -4.67	33.48 2.74 0.01	46.95 3.38 -8.39	53.75 2.84 -20.66	40.51 2.64 -9.50	31.94 1.94 -8.20	27.26 1.63 -5.31	24.08 0.92 -12.31	22.13 0.73 -12.23
NYPA_VERNON____GT3 24163	21.09 1.50 -1.33	18.20 1.10 -2.78	18.42 1.00 -3.97	18.33 1.01 -3.14	18.46 1.09 -1.37	20.05 1.33 0.00	30.66 2.18 -0.19	39.20 2.54 -6.72	32.96 2.23 -4.48	24.66 2.08 0.00	24.13 2.05 -0.08	28.24 1.95 -4.68	30.17 1.94 -7.18	30.15 1.96 -7.11	30.48 2.03 -6.63	31.93 2.37 -4.67	33.48 2.74 0.01	46.95 3.38 -8.39	53.75 2.84 -20.66	40.51 2.64 -9.50	31.94 1.94 -8.20	27.26 1.63 -5.31	24.08 0.92 -12.31	22.13 0.73 -12.23
NYPA____ASTORIA_CC1 323568	21.07 1.48 -1.33	18.18 1.09 -2.78	18.42 1.00 -3.97	18.32 0.99 -3.14	18.44 1.07 -1.37	20.03 1.31 0.00	30.63 2.15 -0.19	39.17 2.52 -6.72	32.94 2.21 -4.48	24.64 2.06 0.00	24.09 2.00 -0.08	28.22 1.92 -4.68	30.15 1.92 -7.18	30.11 1.92 -7.11	30.44 1.99 -6.63	31.91 2.34 -4.67	33.41 2.67 0.01	46.91 3.34 -8.39	53.72 2.81 -20.66	40.45 2.58 -9.50	31.92 1.92 -8.20	27.22 1.59 -5.31	24.07 0.91 -12.31	22.13 0.73 -12.23
NYPA____ASTORIA_CC2 323569	21.07 1.48 -1.33	18.18 1.09 -2.78	18.42 1.00 -3.97	18.32 0.99 -3.14	18.44 1.07 -1.37	20.03 1.31 0.00	30.63 2.15 -0.19	39.17 2.52 -6.72	32.94 2.21 -4.48	24.64 2.06 0.00	24.09 2.00 -0.08	28.22 1.92 -4.68	30.15 1.92 -7.18	30.11 1.92 -7.11	30.44 1.99 -6.63	31.91 2.34 -4.67	33.41 2.67 0.01	46.91 3.34 -8.39	53.72 2.81 -20.66	40.45 2.58 -9.50	31.92 1.92 -8.20	27.22 1.59 -5.31	24.07 0.91 -12.31	22.13 0.73 -12.23
NYPA____HOLTSVILL 23794	22.94 1.84 -2.83	21.21 1.36 -5.54	20.58 1.28 -5.85	20.77 1.33 -5.25	22.58 1.41 -5.17	24.22 1.84 -3.67	32.02 2.86 -0.88	39.89 3.23 -6.72	35.67 2.97 -6.45	30.68 2.69 -5.40	27.69 2.64 -3.05	28.45 2.53 -4.31	28.21 2.55 -4.61	28.18 2.57 -4.52	29.00 2.66 -4.52	33.77 3.04 -5.84	37.86 3.53 -3.58	63.16 4.15 -23.84	105.50 3.57 -71.69	119.54 3.29 -87.88	39.99 2.44 -15.74	34.38 2.11 -11.94	33.75 1.03 -21.87	26.61 0.90 -16.55
NYPA____HELLGATE_GT1 24158	21.13 1.53 -1.33	18.21 1.12 -2.78	18.46 1.04 -3.97	18.36 1.04 -3.14	18.47 1.10 -1.37	20.03 1.31 0.00	30.60 2.12 -0.19	39.07 2.42 -6.71	32.85 2.13 -4.47	24.61 2.03 0.01	24.09 2.00 -0.08	32.17 1.92 -8.63	23.67 1.92 -0.70	36.21 1.92 -13.21	36.12 1.99 -12.32	35.92 2.34 -8.68	33.35 2.61 0.01	46.80 3.23 -8.38	53.59 2.69 -20.65	40.36 2.50 -9.49	31.85 1.85 -8.19	27.17 1.54 -5.30	24.07 0.91 -12.31	22.15 0.76 -12.23
NYPA____HELLGATE_GT2 24159	21.13 1.53 -1.33	18.21 1.12 -2.78	18.46 1.04 -3.97	18.36 1.04 -3.14	18.47 1.10 -1.37	20.03 1.31 0.00	30.60 2.12 -0.19	39.07 2.42 -6.71	32.85 2.13 -4.47	24.61 2.03 0.01	24.09 2.00 -0.08	32.17 1.92 -8.63	23.67 1.92 -0.70	36.21 1.92 -13.21	36.12 1.99 -12.32	35.92 2.34 -8.68	33.35 2.61 0.01	46.80 3.23 -8.38	53.59 2.69 -20.65	40.36 2.50 -9.49	31.85 1.85 -8.19	27.17 1.54 -5.30	24.07 0.91 -12.31	22.15 0.76 -12.23
NYS_BARGE____HYD 23848	18.58 -0.04 -0.35	15.17 0.11 -0.75	14.64 0.12 -1.07	15.17 0.14 -0.84	16.61 0.24 -0.37	19.34 0.62 0.00	28.45 0.11 -0.05	31.36 -0.39 -1.81	27.19 -0.26 -1.21	22.48 -0.11 0.00	22.29 0.29 0.00	21.98 0.37 0.00	21.41 0.36 0.00	21.38 0.29 0.00	22.10 0.28 0.00	24.87 -0.02 0.00	30.63 -0.12 0.00	36.81 -0.53 -2.16	35.04 -0.51 -5.31	30.27 -0.54 -2.44	23.65 -0.26 -2.11	21.41 -0.28 -1.37	14.02 0.01 -3.17	12.43 0.12 -3.14
OAK ORCHARD____HYD 24046	18.88 0.29 -0.33	15.26 0.26 -0.68	14.68 0.25 -0.98	15.23 0.27 -0.77	16.71 0.37 -0.34	19.26 0.54 0.00	28.90 0.57 -0.05	31.96 0.36 -1.66	27.72 0.37 -1.11	22.79 0.20 0.00	22.45 0.44 0.00	22.09 0.47 0.00	21.48 0.42 0.00	21.50 0.42 0.00	22.23 0.41 0.00	25.17 0.27 0.00	31.02 0.28 0.00	37.44 0.28 -1.98	35.40 0.27 -4.88	30.78 0.17 -2.24	24.00 0.26 -1.94	21.82 0.24 -1.25	13.97 0.22 -2.91	12.28 0.23 -2.89
OAKDALE__35_KV_LOAD 356122	19.33 0.47 -0.59	15.92 0.37 -1.24	15.58 0.36 -1.77	15.97 0.38 -1.40	17.09 0.48 -0.61	19.49 0.77 0.00	29.28 0.91 -0.09	33.80 0.87 -3.00	28.98 0.74 -2.00	23.33 0.75 0.00	22.78 0.77 0.00	22.41 0.80 0.00	21.81 0.76 0.00	21.84 0.76 0.00	22.60 0.79 0.00	25.72 0.82 0.00	31.76 1.01 0.00	39.85 0.95 -3.72	40.22 0.82 -9.16	33.32 0.74 -4.21	26.05 0.61 -3.64	23.23 0.55 -2.35	16.62 0.31 -5.46	14.86 0.27 -5.42
OCC_CHEM____DRP 24175	18.32 -0.31 -0.36	14.92 -0.16 -0.76	14.40 -0.13 -1.09	14.92 -0.13 -0.86	16.30 -0.08 -0.37	18.93 0.21 0.00	27.92 -0.42 -0.05	30.76 -1.02 -1.84	26.69 -0.79 -1.23	22.00 -0.59 0.00	21.72 -0.29 0.00	21.53 -0.09 0.00	20.97 -0.08 0.00	20.93 -0.15 0.00	21.64 -0.17 0.00	24.35 -0.55 0.00	29.67 -1.08 0.00	36.17 -1.30 -2.29	34.70 -1.18 -5.64	29.83 -1.13 -2.59	23.34 -0.70 -2.24	21.08 -0.69 -1.45	14.03 -0.17 -3.36	12.46 -0.04 -3.34
OH_GEN_PROXY 24063	18.52 -0.11 -0.36	15.07 0.00 -0.76	14.54 0.01 -1.08	15.07 0.03 -0.85	16.47 0.10 -0.37	19.13 0.41 0.00	28.28 -0.06 -0.05	31.14 -0.63 -1.83	27.00 -0.47 -1.22	22.32 -0.27 0.00	22.09 0.09 0.00	21.78 0.17 0.00	21.22 0.17 0.00	21.19 0.11 0.00	21.91 0.09 0.00	24.65 -0.25 0.00	30.29 -0.46 0.00	36.52 -0.84 -2.18	34.90 -0.73 -5.38	30.08 -0.76 -2.47	23.52 -0.41 -2.13	21.32 -0.39 -1.38	14.01 -0.04 -3.20	12.41 0.06 -3.18
OLIN_CORP_DRP 24177	18.37 -0.26 -0.36	15.03 -0.04 -0.76	14.52 -0.03 -1.09	15.05 0.00 -0.86	16.44 0.06 -0.38	19.10 0.37 0.00	28.03 -0.31 -0.05	30.92 -0.87 -1.85	26.80 -0.68 -1.23	22.14 -0.45 0.00	21.85 -0.15 0.00	21.63 0.02 0.00	21.08 0.02 0.00	21.04 -0.04 0.00	21.77 -0.04 0.00	24.50 -0.40 0.00	29.89 -0.86 0.00	36.35 -1.13 -2.30	34.87 -1.03 -5.65	29.98 -0.99 -2.60	23.43 -0.61 -2.24	21.17 -0.61 -1.45	14.09 -0.13 -3.37	12.52 0.01 -3.35
OLIN_CORP_DSASP 323712	18.32 -0.31 -0.36	14.92 -0.16 -0.76	14.40 -0.13 -1.09	14.92 -0.13 -0.86	16.30 -0.08 -0.37	18.93 0.21 0.00	27.92 -0.42 -0.05	30.76 -1.02 -1.84	26.67 -0.81 -1.23	22.00 -0.59 0.00	21.83 -0.18 0.00	21.53 -0.09 0.00	20.97 -0.08 0.00	20.94 -0.15 0.00	21.64 -0.18 0.00	24.32 -0.57 0.00	29.89 -0.86 0.00	36.08 -1.30 -2.20	34.48 -1.18 -5.42	29.72 -1.14 -2.49	23.25 -0.70 -2.15	21.07 -0.65 -1.39	13.91 -0.16 -3.23	12.33 -0.04 -3.20

ONEIDA_HERK_LFGE 323681	18.60 0.26 -0.08	14.68 0.19 -0.18	13.86 0.16 -0.25	14.54 0.16 -0.20	16.30 0.21 -0.09	19.02 0.30 0.00	28.86 0.57 -0.01	30.87 0.51 -0.43	26.98 0.45 -0.28	22.88 0.29 0.00	22.27 0.27 0.00	21.83 0.22 0.00	21.20 0.15 0.00	21.21 0.13 0.00	21.97 0.15 0.00	25.09 0.20 0.00	31.15 0.40 0.00	36.28 0.60 -0.51	32.07 0.57 -1.25	29.48 0.54 -0.58	22.63 0.33 -0.50	20.95 0.31 -0.32	11.68 0.17 -0.66	10.04 0.14 -0.74
ONEIDA___115KV_TB4 55905	18.97 0.57 -0.14	15.04 0.43 -0.29	14.26 0.39 -0.42	14.93 0.41 -0.33	16.66 0.51 -0.14	19.41 0.69 0.00	29.41 1.10 -0.02	31.69 1.05 -0.71	27.59 0.87 -0.47	23.24 0.66 0.00	22.64 0.64 0.00	22.22 0.61 0.00	21.60 0.55 0.00	21.63 0.55 0.00	22.38 0.57 0.00	25.57 0.67 0.00	31.73 0.98 0.00	37.26 1.20 -0.88	33.50 1.09 -2.17	30.39 1.02 -1.00	23.40 0.74 -0.86	21.57 0.69 -0.56	12.52 0.38 -1.29	10.75 0.30 -1.28
ONONDAGA_REF_OCCRA 23987	18.83 0.26 -0.31	15.15 0.19 -0.65	14.55 0.17 -0.92	15.10 0.18 -0.73	16.58 0.26 -0.32	19.11 0.39 0.00	28.81 0.48 -0.05	31.86 0.36 -1.57	27.56 0.26 -1.04	22.84 0.25 0.00	22.27 0.26 0.00	21.89 0.28 0.00	21.31 0.25 0.00	21.36 0.27 0.00	22.08 0.26 0.00	25.14 0.25 0.00	30.99 0.25 0.00	37.37 0.25 -1.95	35.28 0.24 -4.79	30.77 0.20 -2.20	23.94 0.24 -1.90	21.86 0.30 -1.23	13.88 0.18 -2.85	12.15 0.16 -2.83
ONONDAGA___COGEN 23986	18.88 0.31 -0.30	15.19 0.24 -0.64	14.59 0.23 -0.91	15.15 0.24 -0.72	16.65 0.34 -0.31	19.19 0.47 0.00	28.93 0.59 -0.04	31.96 0.48 -1.54	27.62 0.34 -1.03	22.90 0.32 0.00	22.34 0.33 0.00	21.96 0.35 0.00	21.37 0.32 0.00	21.42 0.34 0.00	22.14 0.33 0.00	25.22 0.32 0.00	31.12 0.37 0.00	37.44 0.35 -1.91	35.29 0.33 -4.71	30.85 0.31 -2.16	23.97 0.31 -1.87	21.92 0.39 -1.21	13.88 0.23 -2.81	12.14 0.19 -2.79
ONTARIO___LFGE 23819	19.12 0.49 -0.36	15.45 0.39 -0.75	14.90 0.38 -1.08	15.45 0.41 -0.85	16.93 0.56 -0.37	19.64 0.92 0.00	29.50 1.16 -0.05	32.69 0.93 -1.82	28.31 0.84 -1.22	23.36 0.77 0.00	22.86 0.86 0.00	22.48 0.87 0.00	21.85 0.80 0.00	21.90 0.82 0.00	22.63 0.81 0.00	25.69 0.80 0.00	31.82 1.08 0.00	38.23 0.88 -2.17	36.42 0.82 -5.35	31.62 0.79 -2.46	24.60 0.68 -2.13	22.29 0.59 -1.38	14.39 0.36 -3.19	12.64 0.31 -3.17
ORANGEVILLE_WT_PWR 323706	18.74 0.07 -0.41	15.28 0.11 -0.85	14.79 0.12 -1.22	15.31 0.16 -0.96	16.69 0.27 -0.42	19.53 0.80 0.00	28.83 0.48 -0.06	32.06 0.06 -2.06	27.76 0.13 -1.38	22.99 0.41 0.00	22.71 0.70 0.00	22.39 0.78 0.00	21.81 0.76 0.00	21.78 0.69 0.00	22.49 0.68 0.00	25.34 0.45 0.00	31.30 0.55 0.00	37.71 0.07 -2.46	36.27 -0.03 -6.05	31.01 -0.14 -2.78	24.23 0.02 -2.40	21.84 -0.04 -1.56	14.52 0.07 -3.61	12.86 0.12 -3.58
ORANGEVILLE___ESR 323794	18.74 0.07 -0.41	15.28 0.11 -0.85	14.79 0.12 -1.22	15.31 0.16 -0.96	16.69 0.27 -0.42	19.53 0.80 0.00	28.83 0.48 -0.06	32.06 0.06 -2.06	27.76 0.13 -1.38	22.99 0.41 0.00	22.71 0.70 0.00	22.39 0.78 0.00	21.81 0.76 0.00	21.78 0.69 0.00	22.49 0.68 0.00	25.34 0.45 0.00	31.30 0.55 0.00	37.71 0.07 -2.46	36.27 -0.03 -6.05	31.01 -0.14 -2.78	24.23 0.02 -2.40	21.84 -0.04 -1.56	14.52 0.07 -3.61	12.86 0.12 -3.58
OSWEGATCHIE___HYD 24044	17.70 -0.64 -0.08	13.98 -0.50 -0.16	13.20 -0.48 -0.23	13.86 -0.51 -0.18	15.42 -0.66 -0.08	17.89 -0.82 0.00	27.22 -1.07 -0.01	29.28 -1.05 -0.39	25.78 -0.73 -0.26	21.98 -0.61 0.00	21.39 -0.62 0.00	20.88 -0.73 0.00	20.15 -0.90 0.00	20.07 -1.01 0.00	20.77 -1.05 0.00	23.75 -1.14 0.00	29.52 -1.23 0.00	34.42 -1.23 -0.47	30.41 -1.00 -1.16	28.02 -0.88 -0.54	21.41 -0.85 -0.46	19.85 -0.77 -0.30	10.29 -0.41 0.15	9.55 -0.30 -0.69
OSWEGO___5 23606	18.25 -0.22 -0.20	14.57 -0.17 -0.43	13.90 -0.16 -0.61	14.50 -0.17 -0.48	16.05 -0.16 -0.21	18.53 -0.19 0.00	27.95 -0.37 -0.03	30.40 -0.57 -1.03	26.39 -0.55 -0.69	22.11 -0.48 0.00	21.57 -0.44 0.00	21.20 -0.41 0.00	20.65 -0.40 0.00	20.68 -0.40 0.00	21.38 -0.44 0.00	24.35 -0.55 0.00	30.07 -0.68 0.00	35.61 -0.81 -1.24	32.60 -0.69 -3.05	29.12 -0.65 -1.40	22.58 -0.44 -1.21	20.82 -0.28 -0.78	12.55 -0.12 -1.82	10.88 -0.09 -1.80
OSWEGO___6 23613	18.25 -0.22 -0.20	14.57 -0.17 -0.43	13.90 -0.16 -0.61	14.50 -0.17 -0.48	16.05 -0.16 -0.21	18.53 -0.19 0.00	27.95 -0.37 -0.03	30.40 -0.57 -1.03	26.39 -0.55 -0.69	22.11 -0.48 0.00	21.57 -0.44 0.00	21.20 -0.41 0.00	20.65 -0.40 0.00	20.68 -0.40 0.00	21.38 -0.44 0.00	24.35 -0.55 0.00	30.07 -0.68 0.00	35.61 -0.81 -1.24	32.60 -0.69 -3.05	29.12 -0.65 -1.40	22.58 -0.44 -1.21	20.82 -0.28 -0.78	12.55 -0.12 -1.82	10.88 -0.09 -1.80
OUTOKUMPU-AB___DRP 24206	18.67 0.04 -0.36	15.21 0.13 -0.77	14.68 0.13 -1.10	15.21 0.16 -0.87	16.63 0.26 -0.38	19.43 0.71 0.00	28.57 0.23 -0.05	31.53 -0.27 -1.86	27.36 -0.13 -1.24	22.66 0.07 0.00	22.38 0.37 0.00	22.17 0.56 0.00	21.60 0.55 0.00	21.57 0.48 0.00	22.30 0.48 0.00	25.09 0.20 0.00	30.69 -0.06 0.00	37.17 -0.32 -2.31	35.59 -0.33 -5.68	30.58 -0.40 -2.61	23.88 -0.17 -2.26	21.54 -0.24 -1.46	14.29 0.05 -3.39	12.66 0.14 -3.36
OXBOW___ 24026	18.52 -0.11 -0.36	15.09 0.01 -0.76	14.57 0.03 -1.09	15.09 0.04 -0.86	16.50 0.13 -0.38	19.21 0.49 0.00	28.31 -0.03 -0.05	31.22 -0.57 -1.85	27.06 -0.42 -1.23	22.38 -0.20 0.00	22.20 0.20 0.00	21.89 0.28 0.00	21.35 0.29 0.00	21.31 0.23 0.00	22.04 0.22 0.00	24.75 -0.15 0.00	30.44 -0.31 0.00	36.68 -0.70 -2.21	35.01 -0.67 -5.44	30.19 -0.68 -2.50	23.59 -0.37 -2.16	21.34 -0.39 -1.40	14.05 -0.03 -3.24	12.45 0.07 -3.22
OXY_CHEM_DSASP 323612	18.32 -0.31 -0.36	14.92 -0.16 -0.76	14.40 -0.13 -1.09	14.92 -0.13 -0.86	16.30 -0.08 -0.37	18.93 0.21 0.00	27.92 -0.42 -0.05	30.76 -1.02 -1.84	26.69 -0.79 -1.23	22.00 -0.59 0.00	21.72 -0.29 0.00	21.53 -0.09 0.00	20.97 -0.08 0.00	20.93 -0.15 0.00	21.64 -0.17 0.00	24.35 -0.55 0.00	29.67 -1.08 0.00	36.17 -1.30 -2.29	34.70 -1.18 -5.64	29.83 -1.13 -2.59	23.34 -0.70 -2.24	21.08 -0.69 -1.45	14.03 -0.17 -3.36	12.46 -0.04 -3.34
OZONE_PARK_ESR 323760	21.14 1.55 -1.32	18.23 1.15 -2.78	18.46 1.04 -3.97	18.39 1.06 -3.14	18.52 1.15 -1.37	20.18 1.46 0.00	30.91 2.43 -0.19	39.56 2.90 -6.72	33.23 2.49 -4.48	24.87 2.28 0.00	24.35 2.27 -0.08	28.38 2.20 -4.56	30.22 2.17 -7.00	30.20 2.19 -6.93	30.57 2.29 -6.46	32.11 2.66 -4.55	33.95 3.20 0.00	47.33 3.80 -8.35	54.04 3.24 -20.55	40.83 3.01 -9.45	32.16 2.20 -8.16	27.42 1.81 -5.28	24.08 0.99 -12.25	22.09 0.77 -12.16
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	18.32 -0.31 -0.36	14.92 -0.16 -0.76	14.40 -0.13 -1.09	14.92 -0.13 -0.86	16.30 -0.08 -0.37	18.93 0.21 0.00	27.92 -0.42 -0.05	30.76 -1.02 -1.84	26.69 -0.79 -1.23	22.00 -0.59 0.00	21.72 -0.29 0.00	21.53 -0.09 0.00	20.97 -0.08 0.00	20.93 -0.15 0.00	21.64 -0.17 0.00	24.35 -0.55 0.00	29.67 -1.08 0.00	36.17 -1.30 -2.29	34.70 -1.18 -5.64	29.83 -1.13 -2.59	23.34 -0.70 -2.24	21.08 -0.69 -1.45	14.03 -0.17 -3.36	12.46 -0.04 -3.34

PACKARD__115KV_DUPONT_184 80571	18.32 -0.31 -0.36	14.92 -0.16 -0.76	14.40 -0.13 -1.09	14.92 -0.13 -0.86	16.30 -0.08 -0.37	18.93 0.21 0.00	27.92 -0.42 -0.05	30.76 -1.02 -1.84	26.69 -0.79 -1.23	22.00 -0.59 0.00	21.72 -0.29 0.00	21.53 -0.09 0.00	20.97 -0.08 0.00	20.93 -0.15 0.00	21.64 -0.17 0.00	24.35 -0.55 0.00	29.67 -1.08 0.00	36.17 -1.30 -2.29	34.70 -1.18 -5.64	29.83 -1.13 -2.59	23.34 -0.70 -2.24	21.08 -0.69 -1.45	14.03 -0.17 -3.36	12.46 -0.04 -3.34
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	21.10 1.52 -1.32	18.19 1.10 -2.78	18.44 1.02 -3.97	18.35 1.02 -3.14	18.47 1.10 -1.37	20.01 1.29 0.00	30.57 2.09 -0.19	39.05 2.40 -6.72	32.83 2.10 -4.48	24.55 1.97 0.00	24.01 1.94 -0.06	23.52 1.82 -0.09	22.91 1.81 -0.04	22.93 1.83 -0.01	23.73 1.90 -0.01	27.12 2.22 -0.01	33.33 2.58 0.00	46.76 3.24 -8.35	53.49 2.69 -20.55	40.32 2.50 -9.45	31.79 1.83 -8.16	27.13 1.52 -5.28	23.99 0.90 -12.25	22.07 0.74 -12.16
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	21.28 1.70 -1.32	18.33 1.25 -2.78	18.56 1.14 -3.97	18.47 1.15 -3.14	18.61 1.25 -1.37	20.20 1.48 0.00	30.91 2.43 -0.19	39.23 2.57 -6.72	32.99 2.26 -4.48	24.67 2.08 0.00	24.12 2.05 -0.06	23.62 1.92 -0.09	23.01 1.92 -0.04	23.03 1.94 -0.01	23.84 2.01 -0.01	27.27 2.37 -0.01	33.52 2.77 0.00	46.94 3.41 -8.35	53.67 2.87 -20.55	40.46 2.64 -9.45	31.92 1.96 -8.16	27.23 1.63 -5.28	24.11 1.02 -12.25	22.16 0.83 -12.16
PATROON__115KV_TB1 80586	20.50 0.62 -1.61	18.20 0.50 -3.38	18.75 0.46 -4.84	18.49 0.48 -3.82	18.23 0.56 -1.66	19.45 0.73 0.00	29.71 1.19 -0.24	39.48 1.35 -8.19	32.89 1.18 -5.46	23.54 0.95 0.00	22.79 0.84 0.06	22.28 0.76 0.08	21.80 0.78 0.03	21.88 0.80 0.00	22.69 0.87 0.00	25.89 1.00 0.00	32.10 1.35 0.00	46.97 1.62 -10.17	56.71 1.42 -25.05	41.16 1.28 -11.52	32.75 1.00 -9.94	27.57 0.81 -6.44	26.14 0.37 -14.92	24.28 0.30 -14.82
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	18.45 -0.20 -0.38	15.03 -0.09 -0.80	14.53 -0.07 -1.15	15.05 -0.04 -0.91	16.43 0.03 -0.39	19.68 0.95 0.00	28.48 0.14 -0.06	31.49 -0.39 -1.94	27.26 -0.29 -1.30	23.08 0.50 0.00	22.78 0.77 0.00	22.56 0.95 0.00	21.98 0.93 0.00	21.95 0.86 0.00	22.67 0.85 0.00	25.52 0.62 0.00	31.30 0.55 0.00	37.14 -0.46 -2.42	35.74 -0.45 -5.95	30.56 -0.54 -2.74	23.86 -0.31 -2.36	21.45 -0.41 -1.53	14.32 -0.08 -3.54	12.68 0.00 -3.52
PAWLING_115_KV_BK3_REV_LBMP_H 345028	20.96 1.37 -1.33	18.11 1.00 -2.79	18.37 0.93 -3.99	18.32 0.98 -3.15	18.45 1.07 -1.37	20.05 1.33 0.00	30.60 2.12 -0.19	39.21 2.51 -6.76	32.91 2.15 -4.51	24.49 1.90 0.00	23.95 1.89 -0.05	23.48 1.79 -0.07	22.85 1.77 -0.03	22.89 1.81 0.00	23.72 1.90 0.00	27.11 2.22 0.00	33.42 2.68 0.00	46.85 3.27 -8.40	53.79 2.87 -20.68	40.49 2.61 -9.51	31.95 1.94 -8.21	27.16 1.52 -5.31	23.95 0.78 -12.32	22.02 0.62 -12.23
PEEKSKILL____ 23653	20.80 1.24 -1.30	17.96 0.92 -2.73	18.19 0.83 -3.90	18.14 0.87 -3.08	18.30 0.96 -1.34	19.90 1.18 0.00	30.37 1.90 -0.19	38.79 2.25 -6.60	32.62 1.97 -4.40	24.35 1.76 0.00	23.78 1.72 -0.05	23.36 1.66 -0.08	22.73 1.64 -0.03	22.75 1.67 0.00	23.57 1.75 0.00	26.96 2.07 0.00	33.21 2.46 0.00	46.38 2.96 -8.24	53.08 2.54 -20.30	40.03 2.33 -9.33	31.58 1.72 -8.06	26.92 1.38 -5.22	23.68 0.74 -12.09	21.77 0.60 -12.01
PGE MADISON__WINDPWR 24146	20.34 1.48 -0.59	16.69 1.13 -1.24	16.29 1.06 -1.78	16.70 1.11 -1.41	17.97 1.36 -0.61	20.59 1.87 0.00	31.32 2.94 -0.09	36.07 3.11 -3.01	30.86 2.60 -2.01	24.66 2.08 0.00	24.01 2.00 0.00	23.53 1.92 0.00	22.80 1.75 0.00	22.85 1.77 0.00	23.67 1.85 0.00	27.04 2.14 0.00	33.85 3.10 0.00	42.17 3.62 -3.37	41.68 3.15 -8.29	35.04 2.86 -3.81	27.12 2.03 -3.29	24.26 1.81 -2.13	16.71 0.92 -4.94	14.81 0.74 -4.90
PIERCEFIELD__HYD 23852	17.47 -0.84 -0.04	13.76 -0.64 -0.09	12.96 -0.62 -0.13	13.64 -0.65 -0.10	15.13 -0.91 -0.05	17.48 -1.24 0.01	26.62 -1.67 -0.01	28.54 -1.62 -0.22	25.35 -1.05 -0.15	21.84 -0.75 0.00	21.28 -0.73 0.00	20.73 -0.89 0.00	19.92 -1.14 0.00	19.77 -1.31 0.00	20.46 -1.35 0.00	23.40 -1.49 0.00	29.06 -1.69 0.00	33.66 -1.79 -0.28	29.39 -1.54 -0.69	27.32 -1.36 -0.32	20.81 -1.26 -0.27	19.32 -1.18 -0.18	9.38 -0.61 0.86	9.16 -0.41 -0.41
PINELAWN_CC_1 323563	22.94 1.84 -2.83	21.21 1.36 -5.54	20.56 1.26 -5.85	20.75 1.30 -5.25	22.60 1.42 -5.17	24.20 1.82 -3.67	32.05 2.89 -0.88	40.01 3.35 -6.72	33.72 2.86 -4.60	30.59 2.64 -5.36	27.54 2.53 -3.01	28.43 2.51 -4.31	28.10 2.48 -4.57	28.03 2.47 -4.48	28.87 2.57 -4.48	29.91 2.99 -2.03	37.85 3.57 -3.54	51.85 4.15 -12.53	59.45 3.57 -25.64	49.29 3.29 -17.63	39.97 2.46 -15.70	30.34 2.09 -7.92	29.02 1.03 -17.14	26.55 0.88 -16.51
PJM_GEN_HTP_PROXY 323702	21.03 1.44 -1.32	18.15 1.06 -2.78	18.38 0.96 -3.97	18.30 0.98 -3.14	18.44 1.07 -1.37	20.09 1.37 0.00	30.74 2.26 -0.19	39.32 2.66 -6.72	33.02 2.28 -4.48	24.71 2.12 0.00	24.15 2.07 -0.08	28.13 2.03 -4.48	29.93 2.00 -6.87	29.89 2.00 -6.80	30.28 2.12 -6.35	31.81 2.44 -4.47	33.64 2.89 0.00	47.02 3.45 -8.39	53.87 2.97 -20.66	40.62 2.75 -9.50	32.03 2.03 -8.20	27.28 1.65 -5.31	24.06 0.90 -12.31	22.09 0.71 -12.22
PJM_GEN_KEystone 24065	19.70 0.58 -0.85	16.55 0.44 -1.79	16.43 0.42 -2.56	16.65 0.44 -2.02	17.39 0.51 -0.88	19.58 0.86 0.00	29.40 0.99 -0.12	35.23 0.96 -4.34	29.98 0.84 -2.89	23.51 0.93 0.00	23.07 1.03 -0.03	23.00 1.04 -0.35	22.59 1.03 -0.50	22.58 1.01 -0.48	23.32 1.05 -0.45	26.31 1.09 -0.32	32.07 1.32 0.00	41.83 1.30 -5.35	44.51 1.09 -13.17	35.39 0.97 -6.06	27.77 0.74 -5.23	24.28 0.57 -3.39	19.04 0.35 -7.85	17.27 0.31 -7.79
PJM_GEN_NEPTUNE_PROXY 323594	21.95 1.55 -2.13	21.01 1.16 -5.54	20.36 1.06 -5.85	20.55 1.11 -5.25	22.39 1.22 -5.17	22.19 1.50 -1.97	31.59 2.43 -0.87	39.47 2.81 -6.72	33.17 2.44 -4.48	27.68 2.21 -2.88	25.80 2.16 -1.64	28.06 2.14 -4.31	26.37 2.11 -3.21	27.07 2.13 -3.86	28.37 2.23 -4.33	28.41 2.56 -0.95	35.69 3.04 -1.90	48.97 3.59 -10.20	55.00 3.09 -21.67	42.56 2.86 -11.32	36.14 2.11 -12.23	28.64 1.75 -6.57	26.49 0.91 -14.73	24.42 0.74 -14.52
PJM_GEN_VFT_PROXY 323633	20.90 1.32 -1.32	18.05 0.96 -2.78	18.28 0.86 -3.97	18.20 0.88 -3.14	18.33 0.96 -1.37	19.96 1.24 0.00	30.54 2.06 -0.19	39.11 2.46 -6.72	32.83 2.10 -4.48	24.55 1.96 0.00	24.02 1.94 -0.08	28.08 1.90 -4.56	29.95 1.90 -7.00	29.93 1.92 -6.93	30.26 1.99 -6.46	31.76 2.32 -4.55	33.45 2.71 0.00	46.80 3.23 -8.39	53.69 2.78 -20.66	40.45 2.58 -9.50	31.90 1.90 -8.20	27.16 1.53 -5.31	23.99 0.84 -12.31	22.04 0.65 -12.22
PLATSBRG_115KV_PMLD1 355749	17.59 -0.68 0.00	13.81 -0.50 0.00	12.97 -0.48 0.00	13.69 -0.50 0.00	15.39 -0.61 0.00	17.72 -0.99 0.01	26.99 -1.30 0.00	28.77 -1.17 0.00	25.49 -0.76 0.00	22.18 -0.41 0.00	21.72 -0.29 0.00	21.33 -0.28 0.00	20.82 -0.23 0.00	20.83 -0.25 0.00	21.53 -0.28 0.00	24.60 -0.30 0.00	30.47 -0.28 0.00	34.40 -0.77 0.00	29.82 -0.42 0.00	28.43 0.06 0.00	21.50 -0.31 0.00	19.90 -0.43 0.00	8.83 -0.37 1.65	8.83 -0.33 0.00

PLEASANTVLY___LBMP 24000	20.73 1.10 -1.37	18.03 0.83 -2.88	18.33 0.75 -4.13	18.24 0.79 -3.26	18.30 0.88 -1.42	19.81 1.09 0.00	30.21 1.73 -0.20	38.96 2.04 -6.99	32.67 1.76 -4.66	24.15 1.56 0.00	23.59 1.52 -0.06	23.15 1.45 -0.09	22.52 1.43 -0.03	22.54 1.45 0.00	23.35 1.53 0.00	26.71 1.82 0.00	32.93 2.18 0.00	46.46 2.60 -8.68	53.82 2.21 -21.37	40.24 2.04 -9.82	31.81 1.53 -8.48	27.06 1.24 -5.49	24.23 0.65 -12.73	22.34 0.54 -12.64
PLSNTVLE_13_KV_13.8KVDIST 80602	20.89 1.30 -1.33	18.06 0.96 -2.79	18.31 0.87 -3.99	18.25 0.91 -3.15	18.37 0.99 -1.37	19.98 1.25 0.00	30.49 2.01 -0.19	39.09 2.40 -6.75	32.86 2.10 -4.50	24.44 1.85 0.00	23.89 1.83 -0.06	23.47 1.77 -0.08	22.85 1.77 -0.03	22.85 1.77 0.00	23.67 1.85 0.00	27.06 2.17 0.00	33.36 2.61 0.00	46.67 3.10 -8.39	53.57 2.66 -20.66	40.31 2.44 -9.50	31.83 1.83 -8.20	27.12 1.48 -5.31	23.94 0.78 -12.31	22.02 0.63 -12.22
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	20.89 1.30 -1.33	18.06 0.96 -2.79	18.31 0.87 -3.99	18.25 0.91 -3.15	18.37 0.99 -1.37	19.98 1.25 0.00	30.49 2.01 -0.19	39.09 2.40 -6.75	32.86 2.10 -4.50	24.44 1.85 0.00	23.89 1.83 -0.06	23.47 1.77 -0.08	22.85 1.77 -0.03	22.85 1.77 0.00	23.67 1.85 0.00	27.06 2.17 0.00	33.36 2.61 0.00	46.67 3.10 -8.39	53.57 2.66 -20.66	40.31 2.44 -9.50	31.83 1.83 -8.20	27.12 1.48 -5.31	23.94 0.78 -12.31	22.02 0.63 -12.22
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	20.79 1.19 -1.34	18.02 0.89 -2.82	18.29 0.81 -4.03	18.21 0.84 -3.18	18.32 0.93 -1.39	19.86 1.14 0.00	30.32 1.84 -0.20	38.86 2.10 -6.82	32.61 1.81 -4.55	24.12 1.54 0.00	23.50 1.52 0.02	23.03 1.45 0.03	22.47 1.43 0.01	22.54 1.45 0.00	23.37 1.55 0.00	26.71 1.82 0.00	32.99 2.24 0.00	46.40 2.74 -8.48	53.47 2.36 -20.87	40.12 2.16 -9.60	31.70 1.61 -8.29	26.97 1.28 -5.36	23.96 0.67 -12.44	22.08 0.57 -12.35
POLETTI____ 23519	21.03 1.44 -1.32	18.15 1.06 -2.78	18.38 0.95 -3.97	18.30 0.98 -3.14	18.44 1.07 -1.37	20.09 1.37 0.00	30.74 2.26 -0.19	39.32 2.66 -6.72	33.02 2.28 -4.48	24.69 2.10 0.00	24.15 2.07 -0.08	28.20 2.03 -4.56	30.05 2.00 -7.00	30.03 2.02 -6.93	30.42 2.14 -6.46	31.93 2.49 -4.55	33.67 2.92 0.00	47.01 3.48 -8.35	53.76 2.96 -20.55	40.57 2.75 -9.45	31.99 2.03 -8.16	27.25 1.65 -5.28	23.99 0.90 -12.25	22.03 0.71 -12.16
POMONA___ESR 323819	20.70 1.22 -1.21	17.73 0.87 -2.54	17.88 0.79 -3.64	17.88 0.82 -2.87	18.15 0.90 -1.25	19.81 1.09 0.00	30.19 1.73 -0.18	38.10 2.01 -6.16	32.17 1.81 -4.10	24.19 1.60 0.00	23.64 1.59 -0.05	23.21 1.53 -0.07	22.60 1.52 -0.02	22.62 1.54 0.00	23.46 1.64 0.00	26.79 1.89 0.00	32.96 2.22 0.00	45.56 2.71 -7.67	51.46 2.33 -18.89	39.18 2.13 -8.69	30.87 1.57 -7.50	26.42 1.24 -4.85	22.77 0.66 -11.26	20.88 0.54 -11.17
PORT_JEFF_3 23555	22.96 1.86 -2.83	21.23 1.37 -5.54	20.59 1.29 -5.85	20.79 1.35 -5.25	22.60 1.42 -5.17	24.24 1.85 -3.67	32.05 2.89 -0.88	39.83 3.17 -6.72	35.75 3.02 -6.48	30.70 2.71 -5.40	27.72 2.66 -3.05	28.49 2.57 -4.31	28.25 2.59 -4.61	28.22 2.61 -4.52	29.05 2.70 -4.52	33.83 3.04 -5.90	37.77 3.44 -3.58	63.24 4.04 -24.02	106.18 3.48 -72.45	120.64 3.23 -89.04	39.94 2.40 -15.74	34.43 2.09 -12.01	33.83 1.03 -21.95	26.62 0.91 -16.55
PORT_JEFF_4 23616	22.96 1.86 -2.83	21.23 1.37 -5.54	20.59 1.29 -5.85	20.79 1.35 -5.25	22.60 1.42 -5.17	24.24 1.85 -3.67	32.05 2.89 -0.88	39.83 3.17 -6.72	35.75 3.02 -6.48	30.70 2.71 -5.40	27.72 2.66 -3.05	28.49 2.57 -4.31	28.25 2.59 -4.61	28.22 2.61 -4.52	29.05 2.70 -4.52	33.83 3.04 -5.90	37.77 3.44 -3.58	63.24 4.04 -24.02	106.18 3.48 -72.45	120.64 3.23 -89.04	39.94 2.40 -15.74	34.43 2.09 -12.01	33.83 1.03 -21.95	26.62 0.91 -16.55
PORT_JEFF_IC 23713	23.00 1.90 -2.83	21.25 1.40 -5.54	20.62 1.32 -5.85	20.82 1.38 -5.25	22.63 1.46 -5.17	24.28 1.89 -3.67	32.13 2.97 -0.88	39.95 3.29 -6.72	35.94 3.10 -6.59	30.77 2.78 -5.41	27.78 2.73 -3.05	28.56 2.64 -4.31	28.32 2.65 -4.61	28.29 2.68 -4.53	29.12 2.77 -4.53	34.16 3.14 -6.13	37.93 3.60 -3.58	64.13 4.25 -24.70	109.12 3.66 -75.22	125.00 3.37 -93.25	40.05 2.51 -15.75	34.75 2.18 -12.25	34.15 1.06 -22.24	26.65 0.94 -16.55
PPL PILGRIM_ST_GT1 24216	23.07 1.97 -2.83	21.31 1.46 -5.54	20.66 1.36 -5.85	20.86 1.42 -5.25	22.70 1.52 -5.17	24.35 1.97 -3.67	32.27 3.11 -0.88	40.16 3.50 -6.72	33.67 2.70 -4.71	30.73 2.78 -5.37	27.48 2.46 -3.01	28.56 2.64 -4.31	28.09 2.46 -4.57	27.93 2.36 -4.49	28.75 2.44 -4.49	29.96 2.81 -2.26	37.73 3.44 -3.54	52.17 3.80 -13.20	61.85 3.24 -28.37	53.16 3.01 -21.79	39.73 2.22 -15.71	30.44 1.95 -8.16	29.22 0.95 -17.42	26.53 0.86 -16.51
PPL PILGRIM_ST_GT2 24217	23.07 1.97 -2.83	21.31 1.46 -5.54	20.66 1.36 -5.85	20.86 1.42 -5.25	22.70 1.52 -5.17	24.35 1.97 -3.67	32.27 3.11 -0.88	40.16 3.50 -6.72	33.67 2.70 -4.71	30.73 2.78 -5.37	27.48 2.46 -3.01	28.56 2.64 -4.31	28.09 2.46 -4.57	27.93 2.36 -4.49	28.75 2.44 -4.49	29.96 2.81 -2.26	37.73 3.44 -3.54	52.17 3.80 -13.20	61.85 3.24 -28.37	53.16 3.01 -21.79	39.73 2.22 -15.71	30.44 1.95 -8.16	29.22 0.95 -17.42	26.53 0.86 -16.51
PPL_SHRM_GT3 24213	23.09 1.99 -2.83	21.31 1.46 -5.54	20.68 1.39 -5.85	20.89 1.45 -5.25	22.71 1.54 -5.17	24.37 1.98 -3.67	32.27 3.11 -0.88	40.22 3.56 -6.72	36.05 3.33 -6.47	30.91 2.91 -5.40	27.94 2.88 -3.05	28.67 2.75 -4.31	28.48 2.82 -4.61	28.47 2.87 -4.52	29.31 2.97 -4.52	34.15 3.39 -5.87	38.27 3.94 -3.58	63.73 4.61 -23.94	106.34 3.96 -72.14	120.61 3.69 -88.56	40.29 2.75 -15.74	34.69 2.38 -11.98	33.92 1.15 -21.92	26.70 0.99 -16.55
PPL_SHRM_GT4 24214	23.09 1.99 -2.83	21.31 1.46 -5.54	20.68 1.39 -5.85	20.89 1.45 -5.25	22.71 1.54 -5.17	24.37 1.98 -3.67	32.27 3.11 -0.88	40.22 3.56 -6.72	36.05 3.33 -6.47	30.91 2.91 -5.40	27.94 2.88 -3.05	28.67 2.75 -4.31	28.48 2.82 -4.61	28.47 2.87 -4.52	29.31 2.97 -4.52	34.15 3.39 -5.87	38.27 3.94 -3.58	63.73 4.61 -23.94	106.34 3.96 -72.14	120.61 3.69 -88.56	40.29 2.75 -15.74	34.69 2.38 -11.98	33.92 1.15 -21.92	26.70 0.99 -16.55
PROJECT___ORANGE 1 24174	18.73 0.18 -0.28	15.03 0.13 -0.59	14.43 0.13 -0.84	15.00 0.14 -0.67	16.50 0.21 -0.29	19.04 0.32 0.00	28.70 0.37 -0.04	31.57 0.21 -1.43	27.33 0.13 -0.95	22.72 0.14 0.00	22.16 0.15 0.00	21.78 0.17 0.00	21.22 0.17 0.00	21.27 0.19 0.00	21.99 0.17 0.00	25.02 0.12 0.00	30.81 0.06 0.00	36.99 0.04 -1.77	34.64 0.03 -4.36	30.38 0.00 -2.01	23.66 0.13 -1.73	21.67 0.22 -1.12	13.59 0.14 -2.60	11.87 0.13 -2.58
PROJECT___ORANGE 2 24166	18.73 0.18 -0.28	15.03 0.13 -0.59	14.43 0.13 -0.84	15.00 0.14 -0.67	16.50 0.21 -0.29	19.04 0.32 0.00	28.70 0.37 -0.04	31.57 0.21 -1.43	27.33 0.13 -0.95	22.72 0.14 0.00	22.16 0.15 0.00	21.78 0.17 0.00	21.22 0.17 0.00	21.27 0.19 0.00	21.99 0.17 0.00	25.02 0.12 0.00	30.81 0.06 0.00	36.99 0.04 -1.77	34.64 0.03 -4.36	30.38 0.00 -2.01	23.66 0.13 -1.73	21.67 0.22 -1.12	13.59 0.14 -2.60	11.87 0.13 -2.58

PUCKETT___SOLAR 323809	19.62 0.75 -0.61	16.18 0.59 -1.28	15.83 0.55 -1.83	16.22 0.58 -1.45	17.35 0.72 -0.63	19.79 1.07 0.00	29.87 1.50 -0.09	34.54 1.50 -3.10	29.53 1.21 -2.07	23.65 1.06 0.00	23.06 1.06 0.00	22.63 1.02 0.00	22.00 0.95 0.00	22.03 0.95 0.00	22.80 0.98 0.00	26.02 1.12 0.00	32.32 1.57 0.00	40.40 1.65 -3.57	40.49 1.45 -8.79	33.74 1.33 -4.04	26.32 1.02 -3.49	23.50 0.92 -2.26	16.57 0.49 -5.24	14.78 0.41 -5.20
PYRITES___HYD 24023	17.83 -0.47 -0.04	14.03 -0.37 -0.09	13.21 -0.38 -0.13	13.89 -0.40 -0.10	15.45 -0.59 -0.05	17.89 -0.82 0.01	27.30 -0.99 -0.01	29.23 -0.93 -0.22	25.95 -0.45 -0.15	22.23 -0.36 0.00	21.63 -0.37 0.00	21.11 -0.50 0.00	20.25 -0.80 0.00	20.11 -0.97 0.00	20.81 -1.00 0.00	23.80 -1.10 0.00	29.67 -1.08 0.00	34.51 -0.95 -0.28	30.18 -0.76 -0.69	28.06 -0.62 -0.32	21.29 -0.78 -0.27	19.75 -0.75 -0.18	9.62 -0.37 0.86	9.35 -0.22 -0.41
QUAKERRD_115KV_BK1 80622	18.42 -0.16 -0.32	14.87 -0.11 -0.67	14.32 -0.09 -0.96	14.85 -0.10 -0.76	16.29 -0.05 -0.33	18.74 0.02 0.00	28.19 -0.14 -0.05	31.18 -0.39 -1.63	27.05 -0.29 -1.09	22.23 -0.36 0.00	21.76 -0.24 0.00	21.46 -0.15 0.00	20.89 -0.17 0.00	20.91 -0.17 0.00	21.62 -0.20 0.00	24.55 -0.35 0.00	30.16 -0.58 0.00	36.61 -0.60 -2.03	34.76 -0.48 -5.00	30.16 -0.51 -2.30	23.48 -0.31 -1.98	21.34 -0.26 -1.28	13.76 -0.07 -2.98	12.10 -0.02 -2.96
QUEENSBRY_115KV_TB8 356137	21.07 1.17 -1.64	18.68 0.92 -3.45	19.38 1.00 -4.93	19.12 1.04 -3.89	19.04 1.34 -1.70	20.46 1.74 0.00	31.36 2.83 -0.24	41.43 3.14 -8.35	34.55 2.73 -5.56	24.85 2.26 0.00	24.00 2.05 0.05	23.42 1.88 0.08	22.86 1.83 0.03	22.94 1.86 0.00	23.78 1.96 0.00	27.21 2.32 0.00	33.48 2.74 0.00	48.75 3.20 -10.37	58.61 2.84 -25.52	42.63 2.52 -11.74	33.90 1.96 -10.13	28.51 1.63 -6.56	26.76 0.71 -15.21	24.81 0.55 -15.10
RAMAPO___LBMP 323565	20.65 1.17 -1.21	17.71 0.84 -2.55	17.87 0.78 -3.64	17.86 0.79 -2.88	18.13 0.88 -1.25	19.79 1.07 0.00	30.19 1.73 -0.18	38.11 2.01 -6.17	32.10 1.73 -4.11	24.12 1.54 0.00	23.57 1.52 -0.05	23.15 1.47 -0.07	22.53 1.45 -0.02	22.56 1.48 0.00	23.37 1.55 0.00	26.71 1.82 0.00	32.96 2.21 0.00	45.52 2.67 -7.66	51.41 2.30 -18.87	39.14 2.10 -8.68	30.84 1.55 -7.49	26.41 1.24 -4.85	22.74 0.65 -11.24	20.86 0.53 -11.16
RANKINE____ 23646	18.70 0.05 -0.38	15.22 0.11 -0.79	14.71 0.12 -1.14	15.24 0.16 -0.90	16.65 0.26 -0.39	19.60 0.88 0.00	28.71 0.37 -0.06	31.77 -0.09 -1.92	27.53 0.00 -1.28	22.97 0.38 0.00	22.67 0.66 0.00	22.45 0.84 0.00	21.85 0.80 0.00	21.82 0.74 0.00	22.56 0.74 0.00	25.39 0.50 0.00	31.09 0.34 0.00	37.43 -0.14 -2.39	35.98 -0.15 -5.89	30.82 -0.26 -2.71	24.05 -0.09 -2.34	21.67 -0.16 -1.51	14.42 0.07 -3.51	12.78 0.14 -3.48
RAVENSWOOD_GT2_1 24244	20.99 1.41 -1.32	18.13 1.04 -2.78	18.44 1.02 -3.97	18.37 1.05 -3.14	18.52 1.15 -1.37	20.16 1.44 0.00	30.89 2.40 -0.19	39.50 2.84 -6.72	33.20 2.47 -4.48	24.82 2.24 0.00	24.31 2.22 -0.08	28.31 2.14 -4.55	30.16 2.13 -6.98	30.14 2.15 -6.91	30.51 2.25 -6.45	32.05 2.61 -4.54	33.88 3.14 0.00	47.26 3.73 -8.35	53.97 3.18 -20.55	40.77 2.95 -9.45	32.12 2.16 -8.16	27.38 1.77 -5.28	24.06 0.97 -12.25	22.07 0.75 -12.16
RAVENSWOOD_GT2_2 24245	20.99 1.41 -1.32	18.13 1.04 -2.78	18.44 1.02 -3.97	18.37 1.05 -3.14	18.52 1.15 -1.37	20.16 1.44 0.00	30.89 2.40 -0.19	39.50 2.84 -6.72	33.20 2.47 -4.48	24.82 2.24 0.00	24.31 2.22 -0.08	28.31 2.14 -4.55	30.16 2.13 -6.98	30.14 2.15 -6.91	30.51 2.25 -6.45	32.05 2.61 -4.54	33.88 3.14 0.00	47.26 3.73 -8.35	53.97 3.18 -20.55	40.77 2.95 -9.45	32.12 2.16 -8.16	27.38 1.77 -5.28	24.06 0.97 -12.25	22.07 0.75 -12.16
RAVENSWOOD_GT2_3 24246	21.01 1.42 -1.32	18.13 1.04 -2.78	18.36 0.94 -3.97	18.29 0.96 -3.14	18.44 1.07 -1.37	20.07 1.35 0.00	30.69 2.21 -0.19	39.29 2.63 -6.72	32.99 2.26 -4.48	24.67 2.08 0.00	24.13 2.05 -0.08	28.10 1.97 -4.52	29.93 1.96 -6.92	29.91 1.98 -6.85	30.28 2.07 -6.39	31.79 2.39 -4.50	33.64 2.89 0.00	46.94 3.41 -8.35	53.73 2.93 -20.55	40.54 2.72 -9.45	31.97 2.01 -8.16	27.23 1.63 -5.28	23.97 0.88 -12.25	22.02 0.70 -12.16
RAVENSWOOD_GT2_4 24247	21.01 1.42 -1.32	18.13 1.04 -2.78	18.36 0.94 -3.97	18.29 0.96 -3.14	18.44 1.07 -1.37	20.07 1.35 0.00	30.69 2.21 -0.19	39.29 2.63 -6.72	32.99 2.26 -4.48	24.67 2.08 0.00	24.13 2.05 -0.08	28.10 1.97 -4.52	29.93 1.96 -6.92	29.91 1.98 -6.85	30.28 2.07 -6.39	31.79 2.39 -4.50	33.64 2.89 0.00	46.94 3.41 -8.35	53.73 2.93 -20.55	40.54 2.72 -9.45	31.97 2.01 -8.16	27.23 1.63 -5.28	23.97 0.88 -12.25	22.02 0.70 -12.16
RAVENSWOOD_GT3_1 24248	21.01 1.42 -1.32	18.13 1.04 -2.78	18.36 0.94 -3.97	18.29 0.96 -3.14	18.42 1.06 -1.37	20.05 1.33 0.00	30.69 2.21 -0.19	39.26 2.60 -6.72	32.99 2.26 -4.48	24.67 2.08 0.00	24.13 2.05 -0.08	28.26 1.97 -4.69	30.20 1.96 -7.19	30.16 1.96 -7.12	30.53 2.07 -6.64	31.96 2.39 -4.68	33.64 2.89 0.00	46.94 3.41 -8.35	53.70 2.90 -20.55	40.51 2.70 -9.45	31.94 1.98 -8.16	27.23 1.63 -5.28	23.98 0.89 -12.25	22.02 0.70 -12.16
RAVENSWOOD_GT3_2 24249	21.01 1.42 -1.32	18.13 1.04 -2.78	18.36 0.94 -3.97	18.29 0.96 -3.14	18.42 1.06 -1.37	20.05 1.33 0.00	30.69 2.21 -0.19	39.26 2.60 -6.72	32.99 2.26 -4.48	24.67 2.08 0.00	24.13 2.05 -0.08	28.26 1.97 -4.69	30.20 1.96 -7.19	30.16 1.96 -7.12	30.53 2.07 -6.64	31.96 2.39 -4.68	33.64 2.89 0.00	46.94 3.41 -8.35	53.70 2.90 -20.55	40.51 2.70 -9.45	31.94 1.98 -8.16	27.23 1.63 -5.28	23.98 0.89 -12.25	22.02 0.70 -12.16
RAVENSWOOD_GT3_3 24250	21.03 1.44 -1.32	18.15 1.06 -2.78	18.39 0.97 -3.97	18.32 0.99 -3.14	18.45 1.09 -1.37	20.09 1.37 0.00	30.72 2.23 -0.19	39.32 2.66 -6.72	33.04 2.31 -4.48	24.69 2.10 0.00	24.15 2.07 -0.08	28.27 2.01 -4.65	30.19 2.00 -7.13	30.15 2.00 -7.06	30.50 2.09 -6.59	31.97 2.44 -4.64	33.67 2.92 0.00	47.01 3.48 -8.35	53.76 2.96 -20.55	40.57 2.75 -9.45	31.99 2.03 -8.16	27.27 1.67 -5.28	23.99 0.90 -12.25	22.04 0.71 -12.16
RAVENSWOOD_GT3_4 24251	21.03 1.44 -1.32	18.15 1.06 -2.78	18.39 0.97 -3.97	18.32 0.99 -3.14	18.45 1.09 -1.37	20.09 1.37 0.00	30.72 2.23 -0.19	39.32 2.66 -6.72	33.04 2.31 -4.48	24.69 2.10 0.00	24.15 2.07 -0.08	28.27 2.01 -4.65	30.19 2.00 -7.13	30.15 2.00 -7.06	30.50 2.09 -6.59	31.97 2.44 -4.64	33.67 2.92 0.00	47.01 3.48 -8.35	53.76 2.96 -20.55	40.57 2.75 -9.45	31.99 2.03 -8.16	27.27 1.67 -5.28	23.99 0.90 -12.25	22.04 0.71 -12.16
RAVENSWOOD_GT_1 23729	21.08 1.50 -1.32	18.19 1.10 -2.78	18.42 1.00 -3.97	18.33 1.01 -3.14	18.45 1.09 -1.37	20.05 1.33 0.00	30.66 2.18 -0.19	39.20 2.54 -6.72	32.96 2.23 -4.48	24.67 2.08 0.00	24.15 2.07 -0.08	28.24 1.95 -4.68	30.17 1.94 -7.18	30.15 1.96 -7.11	30.48 2.03 -6.63	31.93 2.37 -4.67	33.52 2.77 0.00	46.90 3.38 -8.35	53.64 2.84 -20.55	40.43 2.61 -9.45	31.90 1.94 -8.16	27.23 1.63 -5.28	24.02 0.92 -12.25	22.06 0.73 -12.16

RAVENSWOOD_GT_10 24258	20.99 1.41 -1.32	18.13 1.04 -2.78	18.44 1.02 -3.97	18.37 1.05 -3.14	18.52 1.15 -1.37	20.16 1.44 0.00	30.89 2.40 -0.19	39.47 2.81 -6.72	33.20 2.47 -4.48	24.82 2.24 0.00	24.31 2.22 -0.08	28.31 2.14 -4.55	30.16 2.13 -6.98	30.14 2.15 -6.91	30.51 2.25 -6.45	32.05 2.61 -4.54	33.88 3.14 0.00	47.26 3.73 -8.35	53.97 3.18 -20.55	40.77 2.95 -9.45	32.12 2.16 -8.16	27.38 1.77 -5.28	24.06 0.97 -12.25	22.07 0.75 -12.16
RAVENSWOOD_GT_11 24259	20.99 1.41 -1.32	18.13 1.04 -2.78	18.44 1.02 -3.97	18.37 1.05 -3.14	18.52 1.15 -1.37	20.16 1.44 0.00	30.89 2.40 -0.19	39.47 2.81 -6.72	33.20 2.47 -4.48	24.82 2.24 0.00	24.31 2.22 -0.08	28.31 2.14 -4.55	30.16 2.13 -6.98	30.14 2.15 -6.91	30.51 2.25 -6.45	32.05 2.61 -4.54	33.88 3.14 0.00	47.26 3.73 -8.35	53.97 3.18 -20.55	40.77 2.95 -9.45	32.12 2.16 -8.16	27.38 1.77 -5.28	24.06 0.97 -12.25	22.07 0.75 -12.16
RAVENSWOOD_GT_4 24252	20.99 1.41 -1.32	18.12 1.03 -2.78	18.36 0.94 -3.97	18.29 0.96 -3.14	18.42 1.06 -1.37	20.05 1.33 0.00	30.69 2.21 -0.19	39.29 2.63 -6.72	32.99 2.26 -4.48	24.67 2.08 0.00	24.13 2.05 -0.08	28.26 1.99 -4.66	30.15 1.96 -7.14	30.13 1.98 -7.07	30.48 2.07 -6.59	31.95 2.41 -4.64	33.64 2.89 0.00	46.94 3.41 -8.35	53.73 2.93 -20.55	40.54 2.72 -9.45	31.97 2.01 -8.16	27.23 1.63 -5.28	23.97 0.88 -12.25	22.02 0.70 -12.16
RAVENSWOOD_GT_5 24254	20.99 1.41 -1.32	18.12 1.03 -2.78	18.36 0.94 -3.97	18.29 0.96 -3.14	18.42 1.06 -1.37	20.05 1.33 0.00	30.69 2.21 -0.19	39.29 2.63 -6.72	32.99 2.26 -4.48	24.67 2.08 0.00	24.13 2.05 -0.08	28.26 1.99 -4.66	30.15 1.96 -7.14	30.13 1.98 -7.07	30.48 2.07 -6.59	31.95 2.41 -4.64	33.64 2.89 0.00	46.94 3.41 -8.35	53.73 2.93 -20.55	40.54 2.72 -9.45	31.97 2.01 -8.16	27.23 1.63 -5.28	23.97 0.88 -12.25	22.02 0.70 -12.16
RAVENSWOOD_GT_6 24253	20.99 1.41 -1.32	18.12 1.03 -2.78	18.36 0.94 -3.97	18.29 0.96 -3.14	18.42 1.06 -1.37	20.05 1.33 0.00	30.69 2.21 -0.19	39.29 2.63 -6.72	32.99 2.26 -4.48	24.67 2.08 0.00	24.13 2.05 -0.08	28.26 1.99 -4.66	30.15 1.96 -7.14	30.13 1.98 -7.07	30.48 2.07 -6.59	31.95 2.41 -4.64	33.64 2.89 0.00	46.94 3.41 -8.35	53.73 2.93 -20.55	40.54 2.72 -9.45	31.97 2.01 -8.16	27.23 1.63 -5.28	23.97 0.88 -12.25	22.02 0.70 -12.16
RAVENSWOOD_GT_7 24255	20.99 1.41 -1.32	18.12 1.03 -2.78	18.36 0.94 -3.97	18.29 0.96 -3.14	18.42 1.06 -1.37	20.05 1.33 0.00	30.69 2.21 -0.19	39.29 2.63 -6.72	32.99 2.26 -4.48	24.67 2.08 0.00	24.13 2.05 -0.08	28.26 1.99 -4.66	30.15 1.96 -7.14	30.13 1.98 -7.07	30.48 2.07 -6.59	31.95 2.41 -4.64	33.64 2.89 0.00	46.94 3.41 -8.35	53.73 2.93 -20.55	40.54 2.72 -9.45	31.97 2.01 -8.16	27.23 1.63 -5.28	23.97 0.88 -12.25	22.02 0.70 -12.16
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	20.99 1.41 -1.32	18.13 1.04 -2.78	18.44 1.02 -3.97	18.37 1.05 -3.14	18.52 1.15 -1.37	20.16 1.44 0.00	30.89 2.40 -0.19	39.47 2.81 -6.72	33.20 2.47 -4.48	24.82 2.24 0.00	24.31 2.22 -0.08	28.31 2.14 -4.55	30.16 2.13 -6.98	30.14 2.15 -6.91	30.51 2.25 -6.45	32.05 2.61 -4.54	33.88 3.14 0.00	47.26 3.73 -8.35	53.97 3.18 -20.55	40.77 2.95 -9.45	32.12 2.16 -8.16	27.38 1.77 -5.28	24.06 0.97 -12.25	22.07 0.75 -12.16
RAVENSWOOD_GT_9 24257	20.99 1.41 -1.32	18.13 1.04 -2.78	18.44 1.02 -3.97	18.37 1.05 -3.14	18.52 1.15 -1.37	20.16 1.44 0.00	30.89 2.40 -0.19	39.47 2.81 -6.72	33.20 2.47 -4.48	24.82 2.24 0.00	24.31 2.22 -0.08	28.31 2.14 -4.55	30.16 2.13 -6.98	30.14 2.15 -6.91	30.51 2.25 -6.45	32.05 2.61 -4.54	33.88 3.14 0.00	47.26 3.73 -8.35	53.97 3.18 -20.55	40.77 2.95 -9.45	32.12 2.16 -8.16	27.38 1.77 -5.28	24.06 0.97 -12.25	22.07 0.75 -12.16
RAVENSWOOD___1 23533	21.09 1.50 -1.33	18.20 1.10 -2.78	18.42 1.00 -3.97	18.33 1.01 -3.14	18.46 1.09 -1.37	20.05 1.33 0.00	30.66 2.18 -0.19	39.20 2.54 -6.72	32.96 2.23 -4.48	24.66 2.08 0.00	24.13 2.05 -0.08	28.24 1.95 -4.68	30.17 1.94 -7.18	30.15 1.96 -7.11	30.48 2.03 -6.63	31.93 2.37 -4.67	33.48 2.74 0.01	46.95 3.38 -8.39	53.75 2.84 -20.66	40.51 2.64 -9.50	31.94 1.94 -8.20	27.26 1.63 -5.31	24.08 0.92 -12.31	22.13 0.73 -12.23
RAVENSWOOD___2 23534	21.09 1.50 -1.33	18.20 1.10 -2.78	18.42 1.00 -3.97	18.33 1.01 -3.14	18.46 1.09 -1.37	20.05 1.33 0.00	30.66 2.18 -0.19	39.20 2.54 -6.72	32.96 2.23 -4.48	24.66 2.08 0.00	24.13 2.05 -0.08	28.24 1.95 -4.68	30.17 1.94 -7.18	30.15 1.96 -7.11	30.48 2.03 -6.63	31.93 2.37 -4.67	33.48 2.74 0.01	46.95 3.38 -8.39	53.75 2.84 -20.66	40.51 2.64 -9.50	31.94 1.94 -8.20	27.26 1.63 -5.31	24.08 0.92 -12.31	22.13 0.73 -12.23
RAVENSWOOD___3 23535	21.01 1.43 -1.32	18.13 1.04 -2.78	18.36 0.94 -3.97	18.29 0.97 -3.14	18.42 1.06 -1.37	20.05 1.33 0.00	30.69 2.21 -0.19	39.26 2.60 -6.72	32.99 2.26 -4.48	24.66 2.08 0.00	24.11 2.02 -0.08	28.12 1.97 -4.54	29.98 1.96 -6.96	29.94 1.96 -6.89	30.30 2.05 -6.43	31.82 2.39 -4.53	33.61 2.86 0.00	46.98 3.41 -8.39	53.81 2.90 -20.66	40.57 2.70 -9.50	31.99 1.98 -8.20	27.26 1.63 -5.31	24.04 0.88 -12.31	22.08 0.70 -12.22
RAVENSWOOD___4 23820	21.09 1.50 -1.33	18.20 1.10 -2.78	18.42 1.00 -3.97	18.33 1.01 -3.14	18.46 1.09 -1.37	20.05 1.33 0.00	30.66 2.18 -0.19	39.20 2.54 -6.72	32.96 2.23 -4.48	24.66 2.08 0.00	24.13 2.05 -0.08	28.24 1.95 -4.68	30.17 1.94 -7.18	30.15 1.96 -7.11	30.48 2.03 -6.63	31.93 2.37 -4.67	33.48 2.74 0.01	46.95 3.38 -8.39	53.75 2.84 -20.66	40.51 2.64 -9.50	31.94 1.94 -8.20	27.26 1.63 -5.31	24.08 0.92 -12.31	22.13 0.73 -12.23
RCPL_TRUST___DRP 24196	21.05 1.46 -1.32	18.16 1.07 -2.78	18.40 0.98 -3.97	18.33 1.01 -3.14	18.47 1.10 -1.37	20.11 1.39 0.00	30.77 2.29 -0.19	39.38 2.72 -6.72	33.07 2.34 -4.48	24.76 2.17 0.00	24.22 2.13 -0.08	28.17 2.07 -4.48	29.97 2.04 -6.87	29.95 2.07 -6.80	30.32 2.16 -6.35	31.88 2.51 -4.47	33.73 2.98 0.00	47.04 3.52 -8.35	53.82 3.02 -20.55	40.63 2.81 -9.45	32.03 2.07 -8.16	27.29 1.69 -5.28	24.02 0.92 -12.25	22.05 0.72 -12.16
RED___ROCHESTER 323720	18.97 0.38 -0.32	15.31 0.31 -0.68	14.74 0.31 -0.98	15.29 0.33 -0.77	16.77 0.43 -0.34	19.36 0.64 0.00	29.07 0.73 -0.05	32.13 0.54 -1.65	27.91 0.55 -1.10	22.95 0.36 0.00	22.58 0.57 0.00	22.24 0.63 0.00	21.62 0.57 0.00	21.63 0.55 0.00	22.36 0.55 0.00	25.34 0.45 0.00	31.27 0.52 0.00	37.68 0.53 -1.98	35.59 0.48 -4.87	30.97 0.37 -2.24	24.12 0.39 -1.93	21.94 0.37 -1.25	14.02 0.27 -2.90	12.31 0.27 -2.88
REGAN___SOLAR 323812	21.41 1.50 -1.65	18.95 1.17 -3.46	19.55 1.14 -4.95	19.29 1.19 -3.91	19.18 1.47 -1.70	20.63 1.91 0.00	31.92 3.39 -0.24	41.56 3.23 -8.39	34.60 2.76 -5.59	24.82 2.24 0.00	23.81 1.85 0.04	23.17 1.62 0.06	22.57 1.54 0.02	22.70 1.62 0.00	23.61 1.79 0.00	27.09 2.19 0.00	33.82 3.07 0.00	51.24 3.62 -12.44	64.10 3.24 -30.62	45.34 2.90 -14.08	36.20 2.25 -12.15	30.10 1.91 -7.87	30.00 0.91 -18.24	27.99 0.72 -18.11

RENSSELAER___COGEN 23796	20.36 0.49 -1.60	18.07 0.40 -3.36	18.62 0.36 -4.80	18.38 0.40 -3.80	18.10 0.45 -1.65	19.30 0.58 0.00	29.51 0.99 -0.23	39.18 1.11 -8.13	32.65 0.97 -5.42	23.36 0.77 0.00	22.61 0.66 0.06	22.13 0.60 0.08	21.63 0.61 0.03	21.71 0.63 0.00	22.51 0.70 0.00	25.77 0.87 0.00	31.85 1.11 0.00	46.88 1.41 -10.30	56.81 1.21 -25.35	41.13 1.11 -11.66	32.74 0.87 -10.06	27.55 0.71 -6.51	26.27 0.31 -15.11	24.42 0.26 -15.00
REPUBLIC_115KV_BARTNBRK 55605	21.95 2.05 -1.64	19.36 1.60 -3.45	20.02 1.64 -4.93	19.78 1.70 -3.89	19.84 2.14 -1.69	21.44 2.71 0.00	32.97 4.44 -0.24	43.04 4.76 -8.34	35.99 4.17 -5.56	26.07 3.48 0.00	25.08 3.12 0.05	24.41 2.87 0.08	23.57 2.55 0.03	23.63 2.55 0.00	24.52 2.71 0.00	28.06 3.16 0.00	34.71 3.97 0.00	50.22 4.68 -10.36	59.97 4.20 -25.52	44.19 4.09 -11.73	35.11 3.18 -10.13	29.54 2.66 -6.56	27.26 1.20 -15.20	25.21 0.95 -15.09
REVERE_CPPR_DRP 24186	18.99 0.60 -0.12	15.01 0.44 -0.26	14.23 0.42 -0.37	14.90 0.43 -0.29	16.66 0.53 -0.13	19.43 0.71 0.00	29.46 1.16 -0.02	31.67 1.11 -0.62	27.58 0.92 -0.41	23.27 0.68 0.00	22.67 0.66 0.00	22.22 0.61 0.00	21.58 0.53 0.00	21.61 0.53 0.00	22.36 0.55 0.00	25.57 0.67 0.00	31.76 1.01 0.00	37.25 1.30 -0.77	33.32 1.18 -1.90	30.35 1.11 -0.87	23.32 0.76 -0.75	21.52 0.71 -0.49	12.38 0.40 -1.13	10.61 0.32 -1.12
REYNOLDS_115KV_TB3 80639	20.59 0.73 -1.60	18.28 0.60 -3.36	18.81 0.55 -4.81	18.58 0.60 -3.80	18.33 0.67 -1.65	19.58 0.86 0.00	29.88 1.36 -0.23	39.63 1.56 -8.14	33.04 1.37 -5.43	23.69 1.11 0.00	22.93 0.99 0.07	22.42 0.91 0.10	21.94 0.93 0.04	22.03 0.95 0.00	22.84 1.03 0.00	26.07 1.17 0.00	32.22 1.48 0.00	47.05 1.76 -10.11	56.65 1.51 -24.90	41.18 1.36 -11.45	32.75 1.07 -9.88	27.62 0.89 -6.40	26.09 0.41 -14.83	24.23 0.34 -14.73
RIVERBAY____ 323610	21.28 1.70 -1.32	18.33 1.25 -2.78	18.56 1.14 -3.97	18.47 1.15 -3.14	18.61 1.25 -1.37	20.20 1.48 0.00	30.91 2.43 -0.19	39.23 2.57 -6.72	32.99 2.26 -4.48	24.67 2.08 0.00	24.12 2.05 -0.06	23.62 1.92 -0.09	23.01 1.92 -0.04	23.03 1.94 -0.01	23.84 2.01 -0.01	27.27 2.37 -0.01	33.52 2.77 0.00	46.94 3.41 -8.35	53.67 2.87 -20.55	40.46 2.64 -9.45	31.92 1.96 -8.16	27.23 1.63 -5.28	24.11 1.02 -12.25	22.16 0.83 -12.16
RIVERSDE_115KV_TB3 55908	20.47 0.60 -1.60	18.17 0.49 -3.37	18.72 0.44 -4.82	18.48 0.48 -3.81	18.22 0.56 -1.66	19.43 0.71 0.00	29.68 1.16 -0.23	39.42 1.32 -8.16	32.88 1.18 -5.44	23.51 0.93 0.00	22.76 0.81 0.06	22.26 0.73 0.09	21.78 0.76 0.03	21.86 0.78 0.00	22.67 0.85 0.00	25.89 1.00 0.00	32.10 1.35 0.00	46.93 1.62 -10.13	56.58 1.39 -24.94	41.11 1.28 -11.47	32.70 1.00 -9.90	27.55 0.81 -6.41	26.08 0.37 -14.86	24.22 0.30 -14.75
ROARING___BROOK_WT_PWR 323790	17.35 -0.91 0.00	13.64 -0.67 0.00	12.83 -0.62 0.00	13.54 -0.65 0.00	15.27 -0.74 0.00	17.81 -0.90 0.01	27.10 -1.19 0.00	28.80 -1.14 0.00	25.36 -0.89 0.00	21.89 -0.70 0.00	21.39 -0.62 0.00	21.03 -0.58 0.00	20.49 -0.57 0.00	20.49 -0.59 0.00	21.21 -0.61 0.00	24.22 -0.67 0.00	29.92 -0.83 0.00	34.12 -1.05 0.00	29.18 -1.06 0.00	27.23 -1.14 0.00	20.71 -1.09 0.00	19.17 -1.16 0.00	7.06 -0.66 3.13	8.60 -0.57 0.00
ROCHESRG_115KV_T4 355643	18.81 0.22 -0.32	15.19 0.20 -0.68	14.62 0.20 -0.97	15.17 0.21 -0.77	16.64 0.30 -0.33	19.19 0.47 0.00	28.79 0.45 -0.05	31.76 0.18 -1.65	27.59 0.24 -1.10	22.68 0.09 0.00	22.25 0.24 0.00	21.96 0.35 0.00	21.37 0.32 0.00	21.38 0.30 0.00	22.10 0.28 0.00	25.04 0.15 0.00	30.75 0.00 0.00	37.29 0.07 -2.05	35.37 0.09 -5.04	30.71 0.03 -2.32	23.93 0.13 -2.00	21.74 0.12 -1.29	14.01 0.16 -3.00	12.33 0.18 -2.98
ROCHESTER_9_IC 23652	18.90 0.31 -0.32	15.27 0.27 -0.68	14.70 0.27 -0.98	15.24 0.28 -0.77	16.72 0.38 -0.34	19.28 0.56 0.00	28.96 0.62 -0.05	31.98 0.39 -1.65	27.77 0.42 -1.10	22.84 0.25 0.00	22.40 0.40 0.00	22.11 0.50 0.00	21.50 0.44 0.00	21.52 0.44 0.00	22.25 0.44 0.00	25.22 0.32 0.00	30.96 0.22 0.00	37.55 0.32 -2.05	35.60 0.30 -5.06	30.92 0.23 -2.33	24.09 0.28 -2.01	21.87 0.24 -1.30	14.09 0.23 -3.01	12.39 0.24 -2.99
ROCKVIEW_13_KV_LD 356306	20.96 1.37 -1.32	18.11 1.02 -2.77	18.35 0.93 -3.97	18.27 0.95 -3.14	18.42 1.06 -1.37	20.05 1.33 0.00	30.63 2.15 -0.19	39.23 2.57 -6.72	32.96 2.23 -4.48	24.60 2.01 0.00	24.04 1.98 -0.06	23.62 1.92 -0.08	23.00 1.92 -0.03	23.02 1.94 0.00	23.85 2.03 0.00	27.26 2.37 0.00	33.58 2.83 0.00	46.87 3.34 -8.35	53.64 2.84 -20.55	40.46 2.64 -9.45	31.92 1.96 -8.16	27.19 1.59 -5.28	23.93 0.84 -12.25	22.00 0.68 -12.16
ROME____115KV_TB2 80656	18.99 0.60 -0.12	15.01 0.44 -0.26	14.23 0.42 -0.37	14.90 0.43 -0.29	16.66 0.53 -0.13	19.43 0.71 0.00	29.46 1.16 -0.02	31.67 1.11 -0.62	27.58 0.92 -0.41	23.27 0.68 0.00	22.67 0.66 0.00	22.22 0.61 0.00	21.58 0.53 0.00	21.61 0.53 0.00	22.36 0.55 0.00	25.57 0.67 0.00	31.76 1.01 0.00	37.25 1.30 -0.77	33.32 1.18 -1.90	30.35 1.11 -0.87	23.32 0.76 -0.75	21.52 0.71 -0.49	12.38 0.40 -1.13	10.61 0.32 -1.12
ROSETON___1 23587	20.66 1.10 -1.30	17.88 0.83 -2.74	18.12 0.75 -3.92	18.06 0.78 -3.09	18.21 0.86 -1.35	19.79 1.07 0.00	30.18 1.70 -0.19	38.57 2.01 -6.63	32.40 1.73 -4.42	24.10 1.51 0.00	23.53 1.47 -0.05	23.13 1.45 -0.07	22.51 1.43 -0.03	22.52 1.43 0.00	23.35 1.53 0.00	26.69 1.79 0.00	32.87 2.12 0.00	46.02 2.57 -8.27	52.82 2.21 -20.37	39.78 2.04 -9.37	31.39 1.50 -8.09	26.78 1.22 -5.23	23.64 0.65 -12.14	21.75 0.53 -12.05
ROSETON___2 23588	20.66 1.10 -1.30	17.88 0.83 -2.74	18.12 0.75 -3.92	18.06 0.78 -3.09	18.21 0.86 -1.35	19.79 1.07 0.00	30.18 1.70 -0.19	38.57 2.01 -6.63	32.40 1.73 -4.42	24.10 1.51 0.00	23.53 1.47 -0.05	23.13 1.45 -0.07	22.51 1.43 -0.03	22.52 1.43 0.00	23.35 1.53 0.00	26.69 1.79 0.00	32.87 2.12 0.00	46.02 2.57 -8.27	52.82 2.21 -20.37	39.78 2.04 -9.37	31.39 1.50 -8.09	26.78 1.22 -5.23	23.64 0.65 -12.14	21.75 0.53 -12.05
ROTTTRDAM_115KV_TB3 80664	20.72 0.80 -1.65	18.41 0.63 -3.46	19.01 0.61 -4.95	18.74 0.64 -3.91	18.46 0.75 -1.70	19.66 0.94 0.00	30.03 1.50 -0.24	39.97 1.65 -8.39	33.29 1.44 -5.59	23.76 1.17 0.00	23.04 1.08 0.04	22.56 1.02 0.06	22.04 1.01 0.02	22.09 1.01 0.00	22.91 1.09 0.00	26.19 1.29 0.00	32.38 1.63 0.00	47.50 1.90 -10.42	57.56 1.66 -25.65	41.67 1.50 -11.79	33.16 1.18 -10.18	27.89 0.98 -6.59	26.62 0.49 -15.28	24.73 0.39 -15.17
RUSSELL___1 23602	18.97 0.38 -0.32	15.31 0.31 -0.68	14.74 0.31 -0.98	15.29 0.33 -0.77	16.77 0.43 -0.34	19.36 0.64 0.00	29.07 0.74 -0.05	32.13 0.54 -1.65	27.91 0.55 -1.10	22.95 0.36 0.00	22.51 0.51 0.00	22.24 0.63 0.00	21.62 0.57 0.00	21.63 0.55 0.00	22.36 0.55 0.00	25.37 0.47 0.00	31.15 0.40 0.00	37.76 0.53 -2.05	35.79 0.48 -5.06	31.06 0.37 -2.33	24.20 0.39 -2.01	21.97 0.35 -1.30	14.13 0.27 -3.01	12.43 0.27 -2.99

RUSSELL___2 23532	18.97 0.38 -0.32	15.31 0.31 -0.68	14.74 0.31 -0.98	15.29 0.33 -0.77	16.77 0.43 -0.34	19.36 0.64 0.00	29.07 0.74 -0.05	32.13 0.54 -1.65	27.91 0.55 -1.10	22.95 0.36 0.00	22.51 0.51 0.00	22.24 0.63 0.00	21.62 0.57 0.00	21.63 0.55 0.00	22.36 0.55 0.00	25.37 0.47 0.00	31.15 0.40 0.00	37.76 0.53 -2.05	35.79 0.48 -5.06	31.06 0.37 -2.33	24.20 0.39 -2.01	21.97 0.35 -1.30	14.13 0.27 -3.01	12.43 0.27 -2.99
RUSSELL___3 23549	18.97 0.38 -0.32	15.31 0.31 -0.68	14.74 0.31 -0.98	15.29 0.33 -0.77	16.77 0.43 -0.34	19.36 0.64 0.00	29.07 0.74 -0.05	32.13 0.54 -1.65	27.91 0.55 -1.10	22.95 0.36 0.00	22.51 0.51 0.00	22.24 0.63 0.00	21.62 0.57 0.00	21.63 0.55 0.00	22.36 0.55 0.00	25.37 0.47 0.00	31.15 0.40 0.00	37.76 0.53 -2.05	35.79 0.48 -5.06	31.06 0.37 -2.33	24.20 0.39 -2.01	21.97 0.35 -1.30	14.13 0.27 -3.01	12.43 0.27 -2.99
RUSSELL___4 23556	18.97 0.38 -0.32	15.31 0.31 -0.68	14.74 0.31 -0.98	15.29 0.33 -0.77	16.77 0.43 -0.34	19.36 0.64 0.00	29.07 0.74 -0.05	32.13 0.54 -1.65	27.91 0.55 -1.10	22.95 0.36 0.00	22.51 0.51 0.00	22.24 0.63 0.00	21.62 0.57 0.00	21.63 0.55 0.00	22.36 0.55 0.00	25.37 0.47 0.00	31.15 0.40 0.00	37.76 0.53 -2.05	35.79 0.48 -5.06	31.06 0.37 -2.33	24.20 0.39 -2.01	21.97 0.35 -1.30	14.13 0.27 -3.01	12.43 0.27 -2.99
RUSSELL___STATION 23914	18.97 0.38 -0.32	15.31 0.31 -0.68	14.74 0.31 -0.98	15.29 0.33 -0.77	16.77 0.43 -0.34	19.36 0.64 0.00	29.07 0.74 -0.05	32.13 0.54 -1.65	27.91 0.55 -1.10	22.95 0.36 0.00	22.51 0.51 0.00	22.24 0.63 0.00	21.62 0.57 0.00	21.63 0.55 0.00	22.36 0.55 0.00	25.37 0.47 0.00	31.15 0.40 0.00	37.76 0.53 -2.05	35.79 0.48 -5.06	31.06 0.37 -2.33	24.20 0.39 -2.01	21.97 0.35 -1.30	14.13 0.27 -3.01	12.43 0.27 -2.99
S SALMON___HYD 24043	18.45 -0.04 -0.22	14.73 -0.04 -0.46	14.07 -0.04 -0.66	14.65 -0.06 -0.52	16.21 -0.02 -0.23	18.76 0.04 0.00	28.35 0.03 -0.03	30.97 -0.09 -1.12	26.79 -0.21 -0.74	22.36 -0.23 0.00	21.79 -0.22 0.00	21.40 -0.22 0.00	20.78 -0.27 0.00	20.83 -0.25 0.00	21.53 -0.28 0.00	24.50 -0.40 0.00	30.35 -0.40 0.00	36.13 -0.39 -1.34	33.27 -0.27 -3.30	29.63 -0.26 -1.52	22.96 -0.15 -1.31	21.15 -0.02 -0.85	12.70 0.01 -1.85	11.12 0.01 -1.95
S.PERRY___115KV_TB1 80734	19.48 0.82 -0.39	15.78 0.64 -0.82	15.25 0.62 -1.18	15.78 0.67 -0.93	17.27 0.86 -0.41	20.09 1.37 0.00	30.10 1.75 -0.06	33.55 1.62 -1.99	28.97 1.39 -1.33	23.69 1.11 0.00	23.19 1.19 0.00	22.87 1.25 0.00	22.21 1.16 0.00	22.22 1.14 0.00	22.93 1.11 0.00	26.04 1.15 0.00	32.19 1.45 0.00	39.31 1.65 -2.48	37.89 1.54 -6.10	32.53 1.36 -2.80	25.36 1.13 -2.42	22.87 0.98 -1.57	15.06 0.57 -3.63	13.28 0.50 -3.61
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	18.64 0.00 -0.37	15.18 0.09 -0.78	14.66 0.09 -1.11	15.19 0.13 -0.88	16.59 0.21 -0.38	19.39 0.67 0.00	28.54 0.20 -0.05	31.49 -0.33 -1.88	27.30 -0.21 -1.26	22.66 0.07 0.00	22.36 0.35 0.00	22.13 0.52 0.00	21.56 0.51 0.00	21.52 0.44 0.00	22.25 0.44 0.00	25.04 0.15 0.00	30.63 -0.12 0.00	37.10 -0.42 -2.34	35.61 -0.39 -5.76	30.56 -0.45 -2.65	23.87 -0.22 -2.29	21.54 -0.26 -1.48	14.31 0.03 -3.43	12.69 0.12 -3.41
SAWYER___23_KV_LOAD 55526	18.64 0.00 -0.37	15.18 0.09 -0.78	14.66 0.09 -1.11	15.19 0.13 -0.88	16.59 0.21 -0.38	19.39 0.67 0.00	28.54 0.20 -0.05	31.49 -0.33 -1.88	27.30 -0.21 -1.26	22.66 0.07 0.00	22.36 0.35 0.00	22.13 0.52 0.00	21.56 0.51 0.00	21.52 0.44 0.00	22.25 0.44 0.00	25.04 0.15 0.00	30.63 -0.12 0.00	37.10 -0.42 -2.34	35.61 -0.39 -5.76	30.56 -0.45 -2.65	23.87 -0.22 -2.29	21.54 -0.26 -1.48	14.31 0.03 -3.43	12.69 0.12 -3.41
SELKIRK___I 23801	20.59 0.75 -1.57	18.23 0.60 -3.31	18.75 0.56 -4.74	18.52 0.60 -3.74	18.32 0.69 -1.63	19.56 0.84 0.00	29.85 1.33 -0.23	39.42 1.47 -8.02	32.88 1.29 -5.35	23.63 1.04 0.00	22.90 0.92 0.03	22.43 0.87 0.05	21.90 0.86 0.02	21.97 0.89 0.00	22.78 0.96 0.00	26.07 1.17 0.00	32.22 1.48 0.00	47.02 1.72 -10.12	56.67 1.51 -24.92	41.22 1.39 -11.46	32.78 1.09 -9.89	27.62 0.89 -6.40	26.12 0.42 -14.85	24.26 0.36 -14.74
SELKIRK___II 23799	20.46 0.60 -1.59	18.15 0.49 -3.35	18.70 0.46 -4.79	18.45 0.48 -3.78	18.19 0.54 -1.65	19.41 0.69 0.00	29.62 1.10 -0.23	39.27 1.23 -8.11	32.73 1.08 -5.41	23.47 0.88 0.00	22.76 0.79 0.04	22.29 0.74 0.06	21.79 0.76 0.02	21.84 0.76 0.00	22.64 0.83 0.00	25.92 1.02 0.00	32.01 1.26 0.00	46.90 1.48 -10.24	56.77 1.30 -25.22	41.16 1.19 -11.60	32.73 0.92 -10.01	27.56 0.75 -6.48	26.23 0.36 -15.03	24.39 0.30 -14.92
SENECA OSWGO___HYD 24041	18.49 -0.02 -0.24	14.81 -0.01 -0.51	14.17 -0.01 -0.74	14.75 -0.01 -0.58	16.29 0.03 -0.25	18.78 0.06 0.00	28.32 0.00 -0.04	30.91 -0.27 -1.24	26.79 -0.29 -0.83	22.32 -0.27 0.00	21.76 -0.24 0.00	21.40 -0.22 0.00	20.84 -0.21 0.00	20.87 -0.21 0.00	21.58 -0.24 0.00	24.57 -0.32 0.00	30.35 -0.40 0.00	36.18 -0.49 -1.49	33.52 -0.39 -3.67	29.69 -0.37 -1.69	23.06 -0.20 -1.46	21.21 -0.06 -0.94	13.06 0.02 -2.19	11.36 0.02 -2.17
SENECA___115KV_TB3 355854	18.73 0.09 -0.38	15.25 0.14 -0.79	14.73 0.15 -1.14	15.27 0.18 -0.90	16.68 0.29 -0.39	19.64 0.92 0.00	28.77 0.42 -0.06	31.80 -0.06 -1.92	27.59 0.05 -1.28	23.02 0.43 0.00	22.69 0.68 0.00	22.50 0.89 0.00	21.90 0.84 0.00	21.86 0.78 0.00	22.60 0.79 0.00	25.44 0.55 0.00	31.15 0.40 0.00	37.50 -0.07 -2.39	36.01 -0.12 -5.89	30.85 -0.23 -2.71	24.09 -0.04 -2.34	21.70 -0.14 -1.51	14.43 0.08 -3.51	12.79 0.15 -3.48
SENECA___ENERGY 23797	18.90 0.29 -0.34	15.27 0.24 -0.72	14.70 0.23 -1.03	15.24 0.24 -0.81	16.71 0.35 -0.35	19.32 0.60 0.00	29.07 0.73 -0.05	32.27 0.60 -1.74	27.93 0.52 -1.16	23.04 0.45 0.00	22.53 0.53 0.00	22.15 0.54 0.00	21.54 0.48 0.00	21.57 0.49 0.00	22.30 0.48 0.00	25.34 0.45 0.00	31.36 0.61 0.00	37.78 0.53 -2.07	35.83 0.48 -5.10	31.17 0.45 -2.34	24.24 0.41 -2.02	22.04 0.41 -1.31	14.12 0.24 -3.04	12.38 0.20 -3.02
SHOEMAKER___GT 23640	20.44 1.02 -1.16	17.50 0.76 -2.43	17.63 0.70 -3.48	17.66 0.72 -2.75	18.00 0.80 -1.20	19.69 0.97 0.00	30.01 1.55 -0.17	37.65 1.83 -5.89	31.72 1.55 -3.92	23.92 1.33 0.00	23.37 1.32 -0.04	22.95 1.27 -0.06	22.34 1.26 -0.02	22.37 1.29 0.00	23.17 1.35 0.00	26.46 1.57 0.00	32.69 1.94 0.00	44.86 2.36 -7.33	50.32 2.03 -18.04	38.54 1.87 -8.30	30.36 1.40 -7.16	26.08 1.12 -4.64	22.17 0.57 -10.75	20.31 0.48 -10.67
SHOEMAKR_138KV_BK 111 55601	20.44 1.02 -1.15	17.49 0.76 -2.41	17.60 0.70 -3.45	17.64 0.72 -2.73	17.99 0.80 -1.19	19.69 0.97 0.00	30.01 1.56 -0.17	37.58 1.80 -5.85	31.70 1.55 -3.90	23.92 1.33 0.00	23.37 1.32 -0.04	22.95 1.28 -0.06	22.34 1.26 -0.02	22.37 1.29 0.00	23.17 1.35 0.00	26.46 1.57 0.00	32.69 1.94 0.00	44.80 2.36 -7.26	50.15 2.03 -17.88	38.46 1.87 -8.22	30.27 1.37 -7.10	26.04 1.12 -4.59	22.08 0.57 -10.65	20.22 0.48 -10.58

SHOREHAM_IC_1 23715	23.09 1.99 -2.83	21.31 1.46 -5.54	20.68 1.39 -5.85	20.89 1.45 -5.25	22.71 1.54 -5.17	24.37 1.98 -3.67	32.27 3.11 -0.88	40.22 3.56 -6.72	36.05 3.33 -6.47	30.91 2.91 -5.40	27.94 2.88 -3.05	28.67 2.75 -4.31	28.48 2.82 -4.61	28.47 2.87 -4.52	29.31 2.97 -4.52	34.15 3.39 -5.87	38.27 3.94 -3.58	63.73 4.61 -23.94	106.34 3.96 -72.14	120.61 3.69 -88.56	40.29 2.75 -15.74	34.69 2.38 -11.98	33.92 1.15 -21.92	26.70 0.99 -16.55
SHOREHAM_IC_2 23716	23.09 1.99 -2.83	21.31 1.46 -5.54	20.68 1.39 -5.85	20.89 1.45 -5.25	22.71 1.54 -5.17	24.37 1.98 -3.67	32.27 3.11 -0.88	40.22 3.56 -6.72	36.05 3.33 -6.47	30.91 2.91 -5.40	27.94 2.88 -3.05	28.67 2.75 -4.31	28.48 2.82 -4.61	28.47 2.87 -4.52	29.31 2.97 -4.52	34.15 3.39 -5.87	38.27 3.94 -3.58	63.73 4.61 -23.94	106.34 3.96 -72.14	120.61 3.69 -88.56	40.29 2.75 -15.74	34.69 2.38 -11.98	33.92 1.15 -21.92	26.70 0.99 -16.55
SISSONVILLE____ 23735	17.47 -0.84 -0.04	13.76 -0.64 -0.09	12.96 -0.62 -0.13	13.64 -0.65 -0.10	15.13 -0.91 -0.05	17.48 -1.24 0.01	26.62 -1.67 -0.01	28.54 -1.62 -0.22	25.35 -1.05 -0.15	21.84 -0.75 0.00	21.28 -0.73 0.00	20.73 -0.89 0.00	19.92 -1.14 0.00	19.77 -1.31 0.00	20.46 -1.35 0.00	23.40 -1.49 0.00	29.06 -1.69 0.00	33.66 -1.79 -0.28	29.39 -1.54 -0.69	27.32 -1.36 -0.32	20.81 -1.26 -0.27	19.32 -1.18 -0.18	9.38 -0.61 0.86	9.16 -0.41 -0.41
SITHE_IND_GS1 24169	18.20 -0.27 -0.21	14.54 -0.21 -0.44	13.87 -0.20 -0.62	14.47 -0.21 -0.49	16.01 -0.21 -0.21	18.48 -0.24 0.00	27.81 -0.51 -0.03	30.25 -0.75 -1.06	26.25 -0.71 -0.71	21.98 -0.61 0.00	21.43 -0.57 0.00	21.07 -0.54 0.00	20.53 -0.53 0.00	20.56 -0.53 0.00	21.25 -0.57 0.00	24.20 -0.70 0.00	29.86 -0.89 0.00	35.39 -1.05 -1.27	32.49 -0.88 -3.13	28.98 -0.82 -1.44	22.50 -0.54 -1.24	20.76 -0.37 -0.80	12.56 -0.15 -1.86	10.89 -0.12 -1.85
SITHE_IND_GS2 24170	18.20 -0.27 -0.21	14.54 -0.21 -0.44	13.87 -0.20 -0.62	14.47 -0.21 -0.49	16.01 -0.21 -0.21	18.48 -0.24 0.00	27.81 -0.51 -0.03	30.25 -0.75 -1.06	26.25 -0.71 -0.71	21.98 -0.61 0.00	21.43 -0.57 0.00	21.07 -0.54 0.00	20.53 -0.53 0.00	20.56 -0.53 0.00	21.25 -0.57 0.00	24.20 -0.70 0.00	29.86 -0.89 0.00	35.39 -1.05 -1.27	32.49 -0.88 -3.13	28.98 -0.82 -1.44	22.50 -0.54 -1.24	20.76 -0.37 -0.80	12.56 -0.15 -1.86	10.89 -0.12 -1.85
SITHE_IND_GS3 24171	18.20 -0.27 -0.21	14.54 -0.21 -0.44	13.87 -0.20 -0.62	14.47 -0.21 -0.49	16.01 -0.21 -0.21	18.48 -0.24 0.00	27.81 -0.51 -0.03	30.25 -0.75 -1.06	26.25 -0.71 -0.71	21.98 -0.61 0.00	21.43 -0.57 0.00	21.07 -0.54 0.00	20.53 -0.53 0.00	20.56 -0.53 0.00	21.25 -0.57 0.00	24.20 -0.70 0.00	29.86 -0.89 0.00	35.39 -1.05 -1.27	32.49 -0.88 -3.13	28.98 -0.82 -1.44	22.50 -0.54 -1.24	20.76 -0.37 -0.80	12.56 -0.15 -1.86	10.89 -0.12 -1.85
SITHE_IND_GS4 24172	18.20 -0.27 -0.21	14.54 -0.21 -0.44	13.87 -0.20 -0.62	14.47 -0.21 -0.49	16.01 -0.21 -0.21	18.48 -0.24 0.00	27.81 -0.51 -0.03	30.25 -0.75 -1.06	26.25 -0.71 -0.71	21.98 -0.61 0.00	21.43 -0.57 0.00	21.07 -0.54 0.00	20.53 -0.53 0.00	20.56 -0.53 0.00	21.25 -0.57 0.00	24.20 -0.70 0.00	29.86 -0.89 0.00	35.39 -1.05 -1.27	32.49 -0.88 -3.13	28.98 -0.82 -1.44	22.50 -0.54 -1.24	20.76 -0.37 -0.80	12.56 -0.15 -1.86	10.89 -0.12 -1.85
SITHE____BATAVIA 24024	19.01 0.40 -0.35	15.44 0.40 -0.73	14.88 0.39 -1.04	15.43 0.43 -0.82	16.93 0.58 -0.36	19.71 0.99 0.00	29.24 0.90 -0.05	32.24 0.54 -1.76	28.00 0.58 -1.17	23.04 0.45 0.00	22.78 0.77 0.00	22.43 0.82 0.00	21.81 0.76 0.00	21.82 0.74 0.00	22.54 0.72 0.00	25.47 0.57 0.00	31.42 0.68 0.00	37.77 0.49 -2.10	35.85 0.42 -5.18	31.09 0.34 -2.38	24.23 0.37 -2.06	21.94 0.28 -1.33	14.21 0.28 -3.09	12.55 0.32 -3.06
SITHE____INDEPEND 23800	18.20 -0.27 -0.21	14.54 -0.21 -0.44	13.87 -0.20 -0.62	14.47 -0.21 -0.49	16.01 -0.21 -0.21	18.48 -0.24 0.00	27.81 -0.51 -0.03	30.25 -0.75 -1.06	26.25 -0.71 -0.71	21.98 -0.61 0.00	21.41 -0.59 0.00	21.07 -0.54 0.00	20.53 -0.53 0.00	20.55 -0.53 0.00	21.25 -0.57 0.00	24.20 -0.70 0.00	29.86 -0.89 0.00	35.44 -1.06 -1.31	32.60 -0.88 -3.24	29.03 -0.82 -1.49	22.54 -0.55 -1.28	20.79 -0.37 -0.83	12.62 -0.15 -1.93	10.96 -0.12 -1.91
SITHE____MASSENA 23902	17.75 -0.51 0.00	13.93 -0.39 0.00	13.09 -0.36 0.00	13.81 -0.38 0.00	15.49 -0.51 0.00	18.00 -0.71 0.01	27.30 -0.99 0.00	29.01 -0.93 0.00	25.57 -0.68 0.00	22.09 -0.50 0.00	21.52 -0.48 0.00	21.09 -0.52 0.00	20.51 -0.55 0.00	20.49 -0.59 0.00	21.21 -0.61 0.00	24.20 -0.70 0.00	29.95 -0.80 0.00	34.26 -0.91 0.00	29.43 -0.82 0.00	27.66 -0.71 0.00	21.12 -0.68 0.00	19.69 -0.63 0.00	8.92 -0.33 1.60	8.92 -0.25 0.00
SITHE____OGDNSBRG 24021	17.96 -0.35 -0.04	14.12 -0.29 -0.09	13.30 -0.28 -0.13	13.99 -0.30 -0.10	15.55 -0.50 -0.05	18.02 -0.69 0.01	27.56 -0.74 -0.01	29.56 -0.60 -0.22	26.22 -0.18 -0.15	22.36 -0.23 0.00	21.76 -0.24 0.00	21.29 -0.32 0.00	20.38 -0.67 0.00	20.24 -0.84 0.00	20.94 -0.87 0.00	23.97 -0.92 0.00	29.95 -0.80 0.00	34.93 -0.53 -0.28	30.54 -0.39 -0.69	28.40 -0.28 -0.32	21.51 -0.57 -0.27	19.95 -0.55 -0.18	9.70 -0.28 0.86	9.42 -0.16 -0.41
SITHE____STERLING 23777	18.97 0.57 -0.14	15.04 0.43 -0.29	14.26 0.39 -0.42	14.93 0.41 -0.33	16.66 0.51 -0.14	19.41 0.69 0.00	29.41 1.10 -0.02	31.69 1.05 -0.71	27.59 0.87 -0.47	23.24 0.66 0.00	22.64 0.64 0.00	22.22 0.60 0.00	21.60 0.55 0.00	21.63 0.55 0.00	22.38 0.57 0.00	25.57 0.67 0.00	31.73 0.98 0.00	37.22 1.20 -0.85	33.42 1.09 -2.08	30.35 1.02 -0.96	23.37 0.74 -0.83	21.55 0.69 -0.54	12.47 0.38 -1.24	10.70 0.30 -1.23
SLEIGHT__34_KV_TB1 80719	18.75 0.16 -0.32	15.14 0.14 -0.68	14.56 0.13 -0.97	15.10 0.14 -0.77	16.58 0.24 -0.33	19.11 0.39 0.00	28.82 0.48 -0.05	31.89 0.30 -1.65	27.64 0.29 -1.10	22.75 0.16 0.00	22.25 0.24 0.00	21.94 0.32 0.00	21.33 0.27 0.00	21.36 0.27 0.00	22.08 0.26 0.00	25.09 0.20 0.00	30.87 0.12 0.00	37.40 0.18 -2.05	35.50 0.21 -5.04	30.80 0.11 -2.32	23.98 0.17 -2.00	21.78 0.16 -1.29	14.00 0.15 -3.00	12.29 0.15 -2.98
SOUTH CAIRO____GT 23612	20.66 0.88 -1.51	18.17 0.67 -3.18	18.64 0.63 -4.55	18.45 0.67 -3.60	18.37 0.80 -1.57	19.84 1.12 0.00	30.43 1.92 -0.22	39.44 1.80 -7.71	32.91 1.52 -5.14	23.76 1.17 0.00	23.06 1.08 0.02	22.52 0.95 0.04	22.01 0.97 0.01	22.01 0.93 0.00	22.86 1.05 0.00	26.16 1.27 0.00	32.56 1.81 0.00	47.26 2.36 -9.72	56.30 2.12 -23.93	41.22 1.84 -11.01	32.68 1.37 -9.50	27.53 1.06 -6.15	25.52 0.41 -14.26	23.69 0.37 -14.16
SOUTH HAMPTN____IC 23720	23.29 2.19 -2.83	21.48 1.63 -5.54	20.83 1.53 -5.85	21.04 1.60 -5.25	22.89 1.71 -5.17	24.61 2.23 -3.67	32.64 3.48 -0.88	40.76 4.10 -6.72	36.48 3.78 -6.44	31.29 3.30 -5.40	28.31 3.26 -3.05	29.03 3.11 -4.31	28.84 3.18 -4.61	28.83 3.23 -4.52	29.68 3.34 -4.52	34.55 3.83 -5.82	38.85 4.52 -3.58	64.25 5.28 -23.80	106.32 4.54 -71.54	120.21 4.20 -87.65	40.68 3.14 -15.74	34.98 2.72 -11.93	34.01 1.30 -21.86	26.81 1.10 -16.55

SOUTHDOW_115KV_TB1 355954	19.01 0.35 -0.39	15.44 0.30 -0.83	14.95 0.31 -1.19	15.51 0.38 -0.94	16.97 0.56 -0.41	20.20 1.48 0.00	29.50 1.16 -0.06	32.88 0.93 -2.01	28.46 0.87 -1.34	23.92 1.33 0.00	23.59 1.58 0.00	23.41 1.79 0.00	22.76 1.71 0.00	22.66 1.58 0.00	23.39 1.57 0.00	26.34 1.44 0.00	32.38 1.63 0.00	38.66 0.98 -2.50	37.09 0.70 -6.15	31.65 0.45 -2.83	24.61 0.37 -2.44	22.05 0.14 -1.58	14.69 0.17 -3.67	13.00 0.19 -3.64
SOUTHOLD_69_KV_BK 2 55809	23.56 2.47 -2.82	21.68 1.83 -5.54	21.02 1.72 -5.85	21.25 1.82 -5.25	23.13 1.95 -5.17	24.91 2.53 -3.66	33.09 3.93 -0.87	41.33 4.67 -6.72	36.95 4.25 -6.44	31.70 3.70 -5.40	28.71 3.65 -3.05	29.41 3.50 -4.30	29.21 3.56 -4.60	29.20 3.60 -4.52	30.09 3.75 -4.52	34.92 4.21 -5.82	39.46 5.13 -3.58	64.87 5.95 -23.75	106.80 5.14 -71.41	120.67 4.74 -87.57	41.10 3.60 -15.70	35.44 3.21 -11.90	34.13 1.49 -21.79	26.90 1.26 -16.48
SOUTHOLD___IC 23719	23.56 2.46 -2.83	21.68 1.83 -5.54	21.02 1.72 -5.85	21.26 1.82 -5.25	23.13 1.95 -5.17	24.90 2.51 -3.67	33.09 3.93 -0.88	41.33 4.67 -6.72	36.95 4.25 -6.44	31.70 3.70 -5.40	28.71 3.65 -3.05	29.42 3.50 -4.31	29.22 3.56 -4.61	29.21 3.60 -4.52	30.10 3.75 -4.52	35.05 4.33 -5.82	39.46 5.13 -3.58	64.92 5.95 -23.79	106.91 5.14 -71.52	120.75 4.76 -87.62	41.12 3.58 -15.74	35.36 3.11 -11.93	34.19 1.49 -21.86	26.97 1.26 -16.55
SPIERFLS_115KV_TB 1 80737	20.98 1.08 -1.64	18.59 0.83 -3.45	19.30 0.91 -4.93	19.05 0.96 -3.90	18.96 1.26 -1.70	20.35 1.63 0.00	31.19 2.66 -0.24	41.22 2.93 -8.35	34.39 2.57 -5.57	24.71 2.12 0.00	23.87 1.91 0.05	23.31 1.77 0.08	22.75 1.73 0.03	22.81 1.73 0.00	23.67 1.85 0.00	27.09 2.19 0.00	33.30 2.55 0.00	48.50 2.95 -10.37	58.41 2.63 -25.53	42.41 2.30 -11.74	33.72 1.79 -10.14	28.35 1.46 -6.56	26.70 0.64 -15.21	24.77 0.50 -15.10
ST LAWRENCE____ 23600	17.66 -0.60 0.00	13.86 -0.46 0.00	13.02 -0.43 0.00	13.73 -0.45 0.00	15.43 -0.58 0.00	17.94 -0.77 0.01	27.21 -1.07 0.00	28.92 -1.02 0.00	25.44 -0.81 0.00	21.93 -0.66 0.00	21.39 -0.62 0.00	20.98 -0.63 0.00	20.42 -0.63 0.00	20.43 -0.65 0.00	21.14 -0.68 0.00	24.12 -0.77 0.00	29.83 -0.92 0.00	34.12 -1.05 0.00	29.34 -0.91 0.00	27.55 -0.82 0.00	21.08 -0.72 0.00	19.63 -0.69 0.00	8.81 -0.38 1.66	8.85 -0.31 0.00
STATE_CA_115KV_115_LB 55624	20.50 0.62 -1.61	18.20 0.50 -3.38	18.75 0.46 -4.84	18.49 0.48 -3.82	18.24 0.58 -1.66	19.45 0.73 0.00	29.71 1.19 -0.24	39.48 1.35 -8.20	32.90 1.18 -5.46	23.54 0.95 0.00	22.79 0.84 0.06	22.28 0.76 0.08	21.80 0.78 0.03	21.88 0.80 0.00	22.69 0.87 0.00	25.92 1.02 0.00	32.10 1.35 0.00	47.01 1.65 -10.18	56.72 1.42 -25.06	41.17 1.28 -11.52	32.75 1.00 -9.95	27.58 0.81 -6.44	26.15 0.37 -14.93	24.29 0.30 -14.82
STATE_ST_34_KV_LOAD 55959	19.08 0.47 -0.34	15.40 0.37 -0.71	14.82 0.35 -1.02	15.35 0.35 -0.81	16.83 0.48 -0.35	19.41 0.69 0.00	29.27 0.93 -0.05	32.78 1.11 -1.73	28.32 0.92 -1.15	23.40 0.81 0.00	22.80 0.79 0.00	22.43 0.82 0.00	21.81 0.76 0.00	21.86 0.78 0.00	22.62 0.81 0.00	25.74 0.85 0.00	31.79 1.05 0.00	38.45 1.13 -2.15	36.59 1.06 -5.29	31.74 0.94 -2.43	24.69 0.78 -2.10	22.46 0.77 -1.36	14.34 0.34 -3.15	12.57 0.27 -3.13
STATION 5_MISC_HYD 23604	18.90 0.31 -0.32	15.27 0.27 -0.68	14.70 0.27 -0.98	15.24 0.28 -0.77	16.72 0.38 -0.34	19.28 0.56 0.00	28.93 0.59 -0.05	31.98 0.39 -1.65	27.77 0.42 -1.10	22.84 0.25 0.00	22.47 0.46 0.00	22.11 0.50 0.00	21.50 0.44 0.00	21.53 0.44 0.00	22.25 0.44 0.00	25.22 0.32 0.00	31.09 0.34 0.00	37.47 0.32 -1.98	35.41 0.30 -4.87	30.83 0.23 -2.24	24.01 0.28 -1.93	21.84 0.26 -1.25	13.97 0.23 -2.90	12.28 0.24 -2.88
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	19.01 0.42 -0.33	15.33 0.33 -0.69	14.74 0.31 -0.99	15.31 0.34 -0.78	16.79 0.45 -0.34	19.41 0.69 0.00	29.21 0.88 -0.05	32.29 0.69 -1.67	28.02 0.66 -1.11	23.06 0.47 0.00	22.58 0.57 0.00	22.26 0.65 0.00	21.62 0.57 0.00	21.65 0.57 0.00	22.38 0.57 0.00	25.44 0.55 0.00	31.30 0.55 0.00	37.88 0.63 -2.07	35.92 0.57 -5.10	31.20 0.48 -2.35	24.28 0.46 -2.03	22.04 0.41 -1.31	14.18 0.29 -3.04	12.45 0.27 -3.02
STA_56_34_KV_BUS2_REV_LBMP_B 345033	18.79 0.20 -0.32	15.17 0.17 -0.68	14.60 0.17 -0.97	15.14 0.18 -0.77	16.61 0.27 -0.33	19.15 0.43 0.00	28.79 0.45 -0.05	31.80 0.21 -1.65	27.61 0.26 -1.10	22.70 0.11 0.00	22.27 0.26 0.00	21.98 0.37 0.00	21.37 0.32 0.00	21.38 0.30 0.00	22.12 0.31 0.00	25.09 0.20 0.00	30.81 0.06 0.00	37.37 0.14 -2.05	35.44 0.15 -5.04	30.74 0.06 -2.32	23.95 0.15 -2.00	21.74 0.12 -1.30	14.01 0.16 -3.00	12.32 0.17 -2.98
STA_56___34_KV_BUS2 355983	18.79 0.20 -0.32	15.17 0.17 -0.68	14.60 0.17 -0.97	15.14 0.18 -0.77	16.61 0.27 -0.33	19.15 0.43 0.00	28.79 0.45 -0.05	31.80 0.21 -1.65	27.61 0.26 -1.10	22.70 0.11 0.00	22.27 0.26 0.00	21.98 0.37 0.00	21.37 0.32 0.00	21.38 0.30 0.00	22.12 0.31 0.00	25.09 0.20 0.00	30.81 0.06 0.00	37.37 0.14 -2.05	35.44 0.15 -5.04	30.74 0.06 -2.32	23.95 0.15 -2.00	21.74 0.12 -1.30	14.01 0.16 -3.00	12.32 0.17 -2.98
STA_67___115KV_BK2 355882	18.86 0.27 -0.32	15.24 0.24 -0.68	14.67 0.24 -0.98	15.21 0.26 -0.77	16.69 0.35 -0.34	19.25 0.52 0.00	28.90 0.57 -0.05	31.92 0.33 -1.65	27.69 0.34 -1.10	22.77 0.18 0.00	22.34 0.33 0.00	22.07 0.45 0.00	21.45 0.40 0.00	21.48 0.40 0.00	22.21 0.39 0.00	25.17 0.27 0.00	30.87 0.12 0.00	37.48 0.25 -2.05	35.54 0.24 -5.05	30.83 0.14 -2.32	24.02 0.22 -2.01	21.83 0.20 -1.30	14.06 0.21 -3.01	12.37 0.22 -2.99
STA_7___115KV_9TRANS 80674	18.97 0.38 -0.32	15.31 0.31 -0.68	14.74 0.31 -0.98	15.29 0.33 -0.77	16.77 0.43 -0.34	19.36 0.64 0.00	29.07 0.74 -0.05	32.13 0.54 -1.65	27.91 0.55 -1.10	22.95 0.36 0.00	22.51 0.51 0.00	22.24 0.63 0.00	21.62 0.57 0.00	21.63 0.55 0.00	22.36 0.55 0.00	25.37 0.47 0.00	31.15 0.40 0.00	37.76 0.53 -2.05	35.79 0.48 -5.06	31.06 0.37 -2.33	24.20 0.39 -2.01	21.97 0.35 -1.30	14.13 0.27 -3.01	12.43 0.27 -2.99
STA_82___115KV_TB1 80780	18.88 0.29 -0.33	15.26 0.26 -0.68	14.67 0.24 -0.98	15.23 0.27 -0.77	16.71 0.37 -0.34	19.26 0.54 0.00	28.90 0.57 -0.05	31.92 0.33 -1.66	27.72 0.37 -1.11	22.79 0.20 0.00	22.36 0.35 0.00	22.09 0.48 0.00	21.48 0.42 0.00	21.48 0.40 0.00	22.21 0.39 0.00	25.17 0.27 0.00	30.90 0.15 0.00	37.52 0.28 -2.06	35.59 0.27 -5.07	30.87 0.17 -2.33	24.05 0.24 -2.01	21.85 0.22 -1.30	14.08 0.22 -3.02	12.38 0.22 -3.00
STEEL___WIND 323596	18.72 0.07 -0.38	15.24 0.13 -0.79	14.72 0.13 -1.14	15.26 0.17 -0.90	16.66 0.27 -0.39	19.62 0.90 0.00	28.77 0.42 -0.06	31.77 -0.09 -1.92	27.53 0.00 -1.28	22.97 0.38 0.00	22.75 0.75 0.00	22.45 0.84 0.00	21.87 0.82 0.00	21.84 0.76 0.00	22.58 0.76 0.00	25.37 0.47 0.00	31.27 0.52 0.00	37.37 -0.11 -2.29	35.74 -0.15 -5.65	30.71 -0.26 -2.60	23.98 -0.07 -2.24	21.66 -0.12 -1.45	14.29 0.08 -3.37	12.64 0.14 -3.34

STEPHTWN_115KV_BK_2 55603	20.59 0.73 -1.60	18.24 0.57 -3.36	18.78 0.52 -4.80	18.54 0.55 -3.80	18.29 0.64 -1.65	19.54 0.82 0.00	29.91 1.39 -0.23	39.60 1.53 -8.13	33.01 1.34 -5.42	23.65 1.06 0.00	22.90 0.95 0.06	22.35 0.82 0.08	21.89 0.86 0.03	21.95 0.86 0.00	22.75 0.94 0.00	26.07 1.17 0.00	32.32 1.57 0.00	47.22 1.93 -10.10	56.81 1.69 -24.87	41.34 1.53 -11.44	32.85 1.18 -9.87	27.69 0.98 -6.39	26.11 0.44 -14.82	24.24 0.37 -14.71
STEUBEN_REC_LFGE 323667	19.26 0.55 -0.45	15.72 0.46 -0.95	15.25 0.44 -1.36	15.76 0.50 -1.07	17.16 0.69 -0.47	20.09 1.37 0.00	29.82 1.47 -0.07	33.49 1.26 -2.30	28.89 1.10 -1.53	23.85 1.26 0.00	23.39 1.39 0.00	23.08 1.47 0.00	22.42 1.37 0.00	22.43 1.35 0.00	23.15 1.33 0.00	26.21 1.32 0.00	32.38 1.63 0.00	39.37 1.34 -2.85	38.39 1.12 -7.03	32.51 0.91 -3.23	25.37 0.78 -2.79	22.74 0.61 -1.81	15.39 0.36 -4.19	13.65 0.33 -4.16
STILLWATER___SOLAR 323814	20.98 1.08 -1.64	18.60 0.84 -3.44	19.20 0.83 -4.92	18.95 0.88 -3.89	18.77 1.07 -1.69	20.07 1.35 0.00	30.68 2.15 -0.24	40.63 2.37 -8.33	33.88 2.07 -5.55	24.28 1.69 0.00	23.49 1.54 0.05	22.96 1.43 0.08	22.44 1.41 0.03	22.52 1.43 0.00	23.34 1.53 0.00	26.69 1.79 0.00	32.99 2.24 0.00	48.16 2.64 -10.35	58.04 2.33 -25.47	42.18 2.10 -11.71	33.55 1.64 -10.11	28.23 1.36 -6.55	26.66 0.64 -15.18	24.74 0.51 -15.07
STONY___BROOK 24151	23.03 1.94 -2.83	21.28 1.43 -5.54	20.63 1.33 -5.85	20.83 1.39 -5.25	22.66 1.49 -5.17	24.30 1.91 -3.67	32.16 3.00 -0.88	40.16 3.50 -6.72	36.20 3.20 -6.75	30.89 2.89 -5.41	27.90 2.84 -3.05	28.67 2.75 -4.31	28.40 2.74 -4.61	28.39 2.78 -4.53	29.23 2.88 -4.53	34.61 3.26 -6.45	38.15 3.81 -3.59	65.31 4.47 -25.67	113.25 3.84 -79.16	131.22 3.57 -99.27	40.21 2.66 -15.75	35.22 2.30 -12.60	34.58 1.10 -22.64	26.66 0.94 -16.55
STURGEON_POOL_HYD 23609	20.64 1.04 -1.33	17.87 0.76 -2.80	18.14 0.69 -4.01	18.06 0.71 -3.17	18.15 0.77 -1.38	19.77 1.05 0.00	30.15 1.67 -0.20	38.43 1.71 -6.78	32.24 1.47 -4.52	23.99 1.40 0.00	23.52 1.50 -0.02	23.09 1.45 -0.03	22.50 1.43 -0.01	22.45 1.37 0.00	23.26 1.44 0.00	26.61 1.72 0.00	32.84 2.09 0.00	45.96 2.36 -8.43	53.02 2.03 -20.75	39.75 1.84 -9.54	31.39 1.35 -8.24	26.69 1.04 -5.33	23.80 0.59 -12.36	21.93 0.49 -12.27
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	20.56 1.11 -1.18	17.61 0.82 -2.48	17.76 0.75 -3.55	17.76 0.77 -2.81	18.07 0.85 -1.22	19.77 1.05 0.00	30.13 1.67 -0.17	37.84 1.89 -6.02	31.89 1.63 -4.01	24.01 1.42 0.00	23.46 1.41 -0.04	23.02 1.34 -0.06	22.42 1.35 -0.02	22.43 1.35 0.00	23.24 1.42 0.00	26.56 1.67 0.00	32.81 2.06 0.00	45.15 2.50 -7.47	50.79 2.15 -18.40	38.79 1.96 -8.46	30.54 1.44 -7.30	26.21 1.16 -4.73	22.44 0.63 -10.96	20.56 0.51 -10.88
SWANROAD_115KV_TB1 355699	18.37 -0.26 -0.36	15.04 -0.03 -0.76	14.52 -0.01 -1.08	15.04 0.00 -0.86	16.44 0.06 -0.37	19.11 0.39 0.00	28.06 -0.28 -0.05	30.90 -0.87 -1.83	26.82 -0.66 -1.22	22.16 -0.43 0.00	21.87 -0.13 0.00	21.66 0.04 0.00	21.10 0.04 0.00	21.06 -0.02 0.00	21.77 -0.04 0.00	24.50 -0.40 0.00	29.92 -0.83 0.00	36.37 -1.09 -2.28	34.86 -1.00 -5.61	29.99 -0.96 -2.58	23.44 -0.59 -2.23	21.16 -0.61 -1.44	14.06 -0.13 -3.34	12.49 0.01 -3.32
SYNERGY___BIOGAS 323694	19.01 0.40 -0.35	15.44 0.40 -0.73	14.88 0.39 -1.04	15.43 0.43 -0.82	16.93 0.58 -0.36	19.71 0.99 0.00	29.24 0.90 -0.05	32.24 0.54 -1.76	28.00 0.58 -1.17	23.04 0.45 0.00	22.78 0.77 0.00	22.43 0.82 0.00	21.81 0.76 0.00	21.82 0.74 0.00	22.54 0.72 0.00	25.47 0.57 0.00	31.42 0.68 0.00	37.77 0.49 -2.10	35.85 0.42 -5.18	31.09 0.34 -2.38	24.23 0.37 -2.06	21.94 0.28 -1.33	14.21 0.28 -3.09	12.55 0.32 -3.06
SYRACUSE___ENERGY_ST1 323597	18.88 0.31 -0.30	15.19 0.24 -0.64	14.59 0.23 -0.91	15.15 0.24 -0.72	16.65 0.34 -0.31	19.19 0.47 0.00	28.93 0.59 -0.04	31.96 0.48 -1.54	27.62 0.34 -1.03	22.90 0.32 0.00	22.34 0.33 0.00	21.96 0.35 0.00	21.37 0.32 0.00	21.42 0.34 0.00	22.14 0.33 0.00	25.22 0.32 0.00	31.12 0.37 0.00	37.44 0.35 -1.91	35.29 0.33 -4.71	30.85 0.31 -2.16	23.97 0.31 -1.87	21.92 0.39 -1.21	13.88 0.23 -2.81	12.14 0.19 -2.79
SYRACUSE___ENERGY_ST2 323598	18.88 0.31 -0.30	15.19 0.24 -0.64	14.59 0.23 -0.91	15.15 0.24 -0.72	16.65 0.34 -0.31	19.19 0.47 0.00	28.93 0.59 -0.04	31.96 0.48 -1.54	27.62 0.34 -1.03	22.90 0.32 0.00	22.34 0.33 0.00	21.96 0.35 0.00	21.37 0.32 0.00	21.42 0.34 0.00	22.14 0.33 0.00	25.22 0.32 0.00	31.12 0.37 0.00	37.44 0.35 -1.91	35.29 0.33 -4.71	30.85 0.31 -2.16	23.97 0.31 -1.87	21.92 0.39 -1.21	13.88 0.23 -2.81	12.14 0.19 -2.79
SYRACUSE___POWER 24017	18.81 0.24 -0.30	15.14 0.19 -0.64	14.54 0.17 -0.91	15.09 0.18 -0.72	16.57 0.26 -0.31	19.10 0.37 0.00	28.81 0.48 -0.04	31.84 0.36 -1.55	27.54 0.26 -1.03	22.81 0.23 0.00	22.25 0.24 0.00	21.89 0.28 0.00	21.31 0.25 0.00	21.36 0.27 0.00	22.08 0.26 0.00	25.12 0.22 0.00	30.96 0.22 0.00	37.31 0.21 -1.92	35.18 0.21 -4.73	30.71 0.17 -2.17	23.89 0.22 -1.88	21.84 0.30 -1.21	13.85 0.18 -2.82	12.12 0.16 -2.80
TALLMAN__138KV_BK151 55660	20.70 1.22 -1.21	17.72 0.87 -2.54	17.87 0.79 -3.63	17.88 0.82 -2.87	18.16 0.91 -1.25	19.81 1.09 0.00	30.22 1.75 -0.18	38.12 2.04 -6.14	32.16 1.81 -4.10	24.19 1.60 0.00	23.64 1.58 -0.04	23.21 1.53 -0.07	22.59 1.52 -0.02	22.62 1.54 0.00	23.43 1.61 0.00	26.79 1.89 0.00	33.02 2.28 0.00	45.55 2.74 -7.63	51.39 2.36 -18.79	39.16 2.16 -8.64	30.85 1.59 -7.46	26.43 1.28 -4.83	22.72 0.67 -11.20	20.83 0.55 -11.11
TEALLAVE_115KV_TB7 355573	18.71 0.16 -0.28	15.03 0.13 -0.58	14.41 0.12 -0.84	14.98 0.13 -0.66	16.48 0.19 -0.29	19.02 0.30 0.00	28.67 0.34 -0.04	31.53 0.18 -1.42	27.30 0.11 -0.94	22.68 0.09 0.00	22.12 0.11 0.00	21.76 0.15 0.00	21.18 0.13 0.00	21.23 0.15 0.00	21.95 0.13 0.00	24.97 0.07 0.00	30.78 0.03 0.00	36.94 0.00 -1.76	34.57 0.00 -4.33	30.33 -0.03 -1.99	23.63 0.11 -1.72	21.64 0.20 -1.11	13.56 0.13 -2.58	11.84 0.12 -2.56
TELGRAPH_34_KV_EAST 80808	18.76 0.15 -0.35	15.28 0.23 -0.74	14.73 0.23 -1.06	15.28 0.26 -0.83	16.73 0.37 -0.36	19.49 0.77 0.00	28.76 0.42 -0.05	31.72 0.00 -1.79	27.55 0.11 -1.19	22.72 0.14 0.00	22.40 0.40 0.00	22.17 0.56 0.00	21.58 0.53 0.00	21.57 0.48 0.00	22.30 0.48 0.00	25.14 0.25 0.00	30.78 0.03 0.00	37.29 -0.11 -2.22	35.59 -0.12 -5.46	30.71 -0.17 -2.51	23.97 0.00 -2.17	21.65 -0.08 -1.40	14.22 0.12 -3.26	12.60 0.20 -3.23
TEMPLE___115KV_TB 2 55572	18.73 0.18 -0.28	15.03 0.13 -0.59	14.43 0.13 -0.84	15.00 0.14 -0.67	16.50 0.21 -0.29	19.04 0.32 0.00	28.70 0.37 -0.04	31.57 0.21 -1.43	27.33 0.13 -0.95	22.72 0.14 0.00	22.16 0.15 0.00	21.78 0.17 0.00	21.22 0.17 0.00	21.27 0.19 0.00	21.99 0.17 0.00	25.02 0.12 0.00	30.81 0.06 0.00	36.99 0.04 -1.77	34.64 0.03 -4.36	30.38 0.00 -2.01	23.66 0.13 -1.73	21.67 0.22 -1.12	13.59 0.14 -2.60	11.87 0.13 -2.58

TIANA___69_KV_BK 1 55817	23.23 2.14 -2.82	21.43 1.57 -5.54	20.78 1.48 -5.85	20.99 1.56 -5.25	22.84 1.66 -5.17	24.53 2.15 -3.66	32.52 3.37 -0.87	40.58 3.92 -6.72	36.34 3.65 -6.44	31.18 3.18 -5.40	28.20 3.15 -3.05	28.94 3.03 -4.30	28.75 3.09 -4.60	28.74 3.14 -4.52	29.58 3.25 -4.52	34.30 3.58 -5.82	38.66 4.34 -3.58	63.99 5.07 -23.75	106.02 4.36 -71.42	119.97 4.03 -87.57	40.53 3.03 -15.70	34.97 2.74 -11.90	33.89 1.25 -21.79	26.71 1.06 -16.48
TILDEN___115KV_TB1 80814	18.81 0.24 -0.30	15.14 0.19 -0.64	14.54 0.17 -0.91	15.09 0.18 -0.72	16.57 0.26 -0.31	19.10 0.37 0.00	28.81 0.48 -0.04	31.84 0.36 -1.55	27.54 0.26 -1.03	22.81 0.23 0.00	22.25 0.24 0.00	21.89 0.28 0.00	21.31 0.25 0.00	21.36 0.27 0.00	22.08 0.26 0.00	25.12 0.22 0.00	30.96 0.22 0.00	37.31 0.21 -1.92	35.18 0.21 -4.73	30.71 0.17 -2.17	23.89 0.22 -1.88	21.84 0.30 -1.21	13.85 0.18 -2.82	12.12 0.16 -2.80
TRIGEN___CC 323695	22.68 1.59 -2.82	21.05 1.20 -5.54	20.39 1.09 -5.85	20.57 1.13 -5.25	22.44 1.26 -5.17	23.93 1.55 -3.66	31.64 2.49 -0.87	39.59 2.93 -6.72	33.29 2.55 -4.49	30.25 2.30 -5.36	27.28 2.27 -3.01	28.12 2.20 -4.30	27.80 2.19 -4.56	27.75 2.19 -4.47	28.58 2.29 -4.47	29.33 2.64 -1.79	37.45 3.17 -3.54	50.68 3.73 -11.77	56.05 3.18 -22.63	44.47 2.95 -13.15	39.68 2.22 -15.66	29.84 1.87 -7.64	28.58 0.95 -16.78	26.38 0.78 -16.44
TRINITY___115KV___4 BK 55933	20.40 0.53 -1.60	18.12 0.44 -3.37	18.67 0.40 -4.82	18.42 0.43 -3.80	18.15 0.50 -1.66	19.36 0.64 0.00	29.57 1.05 -0.23	39.29 1.20 -8.15	32.76 1.08 -5.44	23.42 0.84 0.00	22.68 0.73 0.06	22.18 0.65 0.08	21.70 0.67 0.03	21.78 0.70 0.00	22.58 0.76 0.00	25.79 0.90 0.00	31.98 1.23 0.00	46.81 1.51 -10.12	56.46 1.30 -24.92	40.99 1.16 -11.46	32.61 0.92 -9.89	27.48 0.75 -6.40	26.03 0.34 -14.85	24.18 0.27 -14.74
UNION___PROCESSING_DRP 323587	18.88 0.29 -0.33	15.26 0.26 -0.68	14.69 0.26 -0.98	15.23 0.27 -0.77	16.71 0.37 -0.34	19.26 0.54 0.00	28.93 0.59 -0.05	31.96 0.36 -1.66	27.75 0.39 -1.11	22.81 0.23 0.00	22.38 0.37 0.00	22.09 0.48 0.00	21.48 0.42 0.00	21.50 0.42 0.00	22.23 0.41 0.00	25.19 0.30 0.00	30.93 0.18 0.00	37.52 0.28 -2.06	35.59 0.27 -5.07	30.90 0.20 -2.33	24.08 0.26 -2.01	21.85 0.22 -1.30	14.09 0.22 -3.02	12.39 0.23 -3.00
UPPER HUDSON___HYD 24058	20.98 1.08 -1.64	18.59 0.83 -3.45	19.30 0.92 -4.93	19.05 0.97 -3.90	18.96 1.26 -1.70	20.35 1.63 0.00	31.19 2.66 -0.24	41.22 2.94 -8.35	34.39 2.57 -5.57	24.71 2.12 0.00	23.87 1.91 0.05	23.31 1.77 0.08	22.75 1.73 0.03	22.81 1.73 0.00	23.67 1.85 0.00	27.09 2.19 0.00	33.27 2.52 0.00	48.80 2.92 -10.70	59.22 2.63 -26.34	42.78 2.30 -12.11	34.05 1.79 -10.46	28.56 1.46 -6.77	27.18 0.64 -15.70	25.25 0.50 -15.58
UPPER RAQUET___HYD 24056	17.47 -0.84 -0.04	13.76 -0.64 -0.09	12.96 -0.62 -0.13	13.64 -0.65 -0.10	15.14 -0.91 -0.05	17.48 -1.24 0.01	26.62 -1.67 -0.01	28.54 -1.62 -0.22	25.35 -1.05 -0.15	21.84 -0.74 0.00	21.26 -0.75 0.00	20.72 -0.89 0.00	19.92 -1.14 0.00	19.77 -1.31 0.00	20.46 -1.35 0.00	23.40 -1.49 0.00	29.06 -1.69 0.00	33.65 -1.79 -0.27	29.37 -1.54 -0.66	27.31 -1.36 -0.30	20.80 -1.26 -0.26	19.32 -1.18 -0.17	9.36 -0.61 0.88	9.14 -0.41 -0.39
VALLEY44_115KV_TB2 355964	18.45 -0.22 -0.40	15.04 -0.11 -0.84	14.54 -0.11 -1.20	15.07 -0.07 -0.95	16.41 0.00 -0.41	19.77 1.05 0.00	28.54 0.20 -0.06	31.73 -0.24 -2.04	27.42 -0.18 -1.36	23.31 0.72 0.00	22.97 0.97 0.00	22.71 1.10 0.00	22.13 1.07 0.00	22.07 0.99 0.00	22.80 0.98 0.00	25.72 0.82 0.00	31.61 0.86 0.00	37.39 -0.32 -2.53	36.14 -0.33 -6.23	30.81 -0.43 -2.86	24.01 -0.26 -2.47	21.56 -0.37 -1.60	14.47 -0.09 -3.71	12.82 -0.03 -3.68
VALLEY___115KV_TB 1-4 80826	18.68 0.38 -0.03	14.67 0.29 -0.07	13.82 0.27 -0.10	14.53 0.27 -0.08	16.36 0.32 -0.03	19.13 0.41 0.00	28.94 0.65 0.00	30.67 0.57 -0.17	26.83 0.47 -0.11	22.97 0.38 0.00	22.40 0.40 0.00	22.00 0.39 0.00	21.39 0.34 0.00	21.40 0.32 0.00	22.12 0.31 0.00	25.24 0.35 0.00	31.24 0.49 0.00	35.95 0.56 -0.21	31.24 0.48 -0.51	29.00 0.40 -0.23	22.26 0.26 -0.20	20.74 0.28 -0.13	11.45 0.20 -0.40	9.62 0.16 -0.30
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	20.20 1.13 -0.80	16.86 0.86 -1.68	16.68 0.82 -2.41	16.94 0.85 -1.90	17.82 0.99 -0.83	19.99 1.27 0.00	30.38 1.98 -0.12	36.32 2.31 -4.08	30.96 2.00 -2.72	24.21 1.63 0.00	23.61 1.61 0.00	23.17 1.56 0.00	22.53 1.47 0.00	22.58 1.50 0.00	23.39 1.57 0.00	26.71 1.82 0.00	33.15 2.40 0.00	42.98 2.74 -5.06	45.07 2.36 -12.47	36.31 2.21 -5.73	28.38 1.64 -4.95	24.95 1.42 -3.20	18.98 0.71 -7.43	17.12 0.58 -7.37
VISCHER___FERRY HYD 24020	20.74 0.86 -1.62	18.42 0.70 -3.41	18.98 0.66 -4.87	18.73 0.70 -3.85	18.49 0.82 -1.68	19.75 1.03 0.00	30.16 1.64 -0.24	40.02 1.83 -8.25	33.36 1.60 -5.50	23.87 1.29 0.00	23.10 1.17 0.07	22.61 1.10 0.10	22.11 1.09 0.04	22.18 1.10 0.00	22.99 1.18 0.00	26.29 1.39 0.00	32.47 1.72 0.00	47.74 2.07 -10.49	57.85 1.78 -25.83	41.89 1.64 -11.87	33.34 1.29 -10.25	28.04 1.08 -6.64	26.75 0.51 -15.39	24.85 0.41 -15.28
V_A_10_SYNC_DSASP 323832	18.68 0.07 -0.34	15.16 0.13 -0.72	14.61 0.13 -1.03	15.16 0.16 -0.81	16.58 0.22 -0.35	19.13 0.41 0.00	28.51 0.17 -0.05	31.44 -0.24 -1.74	27.28 -0.13 -1.16	22.41 -0.18 0.00	22.16 0.16 0.00	21.83 0.22 0.00	21.24 0.19 0.00	21.23 0.15 0.00	21.95 0.13 0.00	24.75 -0.15 0.00	30.44 -0.31 0.00	36.84 -0.42 -2.08	35.03 -0.33 -5.12	30.33 -0.40 -2.35	23.68 -0.15 -2.03	21.52 -0.12 -1.32	13.98 0.08 -3.05	12.33 0.14 -3.03
V_CMM_10_SYNC_DSASP 323787	17.70 -0.57 0.00	13.90 -0.42 0.00	13.05 -0.40 0.00	13.78 -0.41 0.00	15.47 -0.53 0.00	18.00 -0.71 0.01	27.30 -0.99 0.00	28.98 -0.96 0.00	25.52 -0.73 0.00	22.00 -0.59 0.00	21.43 -0.57 0.00	21.05 -0.56 0.00	20.49 -0.57 0.00	20.49 -0.59 0.00	21.21 -0.61 0.00	24.20 -0.70 0.00	29.92 -0.83 0.00	34.23 -0.95 0.00	29.43 -0.82 0.00	27.63 -0.74 0.00	21.12 -0.68 0.00	19.69 -0.63 0.00	8.84 -0.35 1.66	8.88 -0.28 0.00
V_CMP_10_SYNC_DSASP 323788	17.59 -0.68 0.00	13.81 -0.50 0.00	12.97 -0.48 0.00	13.69 -0.50 0.00	15.39 -0.61 0.00	17.72 -0.99 0.01	26.99 -1.30 0.00	28.77 -1.17 0.00	25.49 -0.76 0.00	22.18 -0.41 0.00	21.72 -0.29 0.00	21.33 -0.28 0.00	20.82 -0.23 0.00	20.83 -0.25 0.00	21.53 -0.28 0.00	24.60 -0.30 0.00	30.47 -0.28 0.00	34.40 -0.77 0.00	29.82 -0.42 0.00	28.43 0.06 0.00	21.50 -0.31 0.00	19.90 -0.43 0.00	8.83 -0.37 1.65	8.83 -0.33 0.00
V_E_10_SYNC_DSASP 323830	20.34 1.48 -0.59	16.69 1.13 -1.24	16.29 1.06 -1.78	16.70 1.11 -1.41	17.97 1.36 -0.61	20.59 1.87 0.00	31.32 2.94 -0.09	36.07 3.11 -3.01	30.86 2.60 -2.01	24.66 2.08 0.00	24.01 2.00 0.00	23.53 1.92 0.00	22.80 1.75 0.00	22.85 1.77 0.00	23.67 1.85 0.00	27.04 2.14 0.00	33.85 3.10 0.00	42.17 3.62 -3.37	41.68 3.15 -8.29	35.04 2.86 -3.81	27.12 2.03 -3.29	24.26 1.81 -2.13	16.71 0.92 -4.94	14.81 0.74 -4.90

V_F_30_NSYNC___DSASP 323816	21.00 1.10 -1.64	18.62 0.86 -3.44	19.24 0.86 -4.92	18.99 0.91 -3.89	18.78 1.09 -1.69	20.09 1.37 0.00	30.73 2.21 -0.24	40.70 2.42 -8.34	33.91 2.10 -5.56	24.33 1.74 0.00	23.54 1.59 0.05	23.00 1.47 0.08	22.48 1.45 0.03	22.53 1.45 0.00	23.39 1.57 0.00	26.74 1.84 0.00	33.02 2.28 0.00	48.56 2.71 -10.67	58.91 2.39 -26.28	42.61 2.15 -12.08	33.91 1.68 -10.43	28.48 1.40 -6.75	27.15 0.65 -15.66	25.23 0.52 -15.54
V_F_30_SYNC_DSASP 323786	20.50 0.62 -1.61	18.20 0.50 -3.38	18.75 0.46 -4.84	18.49 0.48 -3.82	18.23 0.56 -1.66	19.45 0.73 0.00	29.71 1.19 -0.24	39.48 1.35 -8.19	32.89 1.18 -5.46	23.54 0.95 0.00	22.79 0.84 0.06	22.28 0.76 0.08	21.80 0.78 0.03	21.88 0.80 0.00	22.69 0.87 0.00	25.89 1.00 0.00	32.10 1.35 0.00	46.97 1.62 -10.17	56.71 1.42 -25.05	41.16 1.28 -11.52	32.75 1.00 -9.94	27.57 0.81 -6.44	26.14 0.37 -14.92	24.28 0.30 -14.82
V_XM_10_SYNC_DSASP 323789	17.59 -0.68 0.00	13.81 -0.50 0.00	12.97 -0.48 0.00	13.69 -0.50 0.00	15.39 -0.61 0.00	17.72 -0.99 0.01	26.99 -1.30 0.00	28.77 -1.17 0.00	25.49 -0.76 0.00	22.18 -0.41 0.00	21.72 -0.29 0.00	21.33 -0.28 0.00	20.82 -0.23 0.00	20.83 -0.25 0.00	21.53 -0.28 0.00	24.60 -0.30 0.00	30.47 -0.28 0.00	34.40 -0.77 0.00	29.82 -0.42 0.00	28.43 0.06 0.00	21.50 -0.31 0.00	19.90 -0.43 0.00	8.83 -0.37 1.65	8.83 -0.33 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	20.73 1.26 -1.21	17.76 0.90 -2.54	17.91 0.82 -3.64	17.91 0.85 -2.87	18.18 0.93 -1.25	19.84 1.12 0.00	30.27 1.81 -0.18	38.19 2.10 -6.16	32.19 1.84 -4.10	24.21 1.63 0.00	23.66 1.61 -0.05	23.24 1.56 -0.07	22.62 1.54 -0.02	22.64 1.56 0.00	23.46 1.64 0.00	26.81 1.92 0.00	33.05 2.31 0.00	45.64 2.81 -7.65	51.49 2.42 -18.83	39.24 2.21 -8.66	30.89 1.61 -7.47	26.46 1.30 -4.84	22.75 0.68 -11.22	20.86 0.56 -11.14
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	21.05 1.46 -1.32	18.16 1.07 -2.78	18.40 0.98 -3.97	18.33 1.01 -3.14	18.47 1.10 -1.37	20.11 1.39 0.00	30.77 2.29 -0.19	39.38 2.72 -6.72	33.07 2.34 -4.48	24.76 2.17 0.00	24.22 2.13 -0.08	28.17 2.07 -4.48	29.97 2.04 -6.87	29.95 2.07 -6.80	30.32 2.16 -6.35	31.88 2.51 -4.47	33.73 2.98 0.00	47.04 3.52 -8.35	53.82 3.02 -20.55	40.63 2.81 -9.45	32.03 2.07 -8.16	27.29 1.69 -5.28	24.02 0.92 -12.25	22.05 0.72 -12.16
W50THST__13_KV_LOAD 356117	21.14 1.55 -1.32	18.23 1.15 -2.78	18.46 1.04 -3.97	18.39 1.06 -3.14	18.53 1.17 -1.37	20.20 1.48 0.00	30.94 2.46 -0.19	39.56 2.90 -6.72	33.23 2.49 -4.48	24.89 2.30 0.00	24.35 2.27 -0.08	28.30 2.20 -4.48	30.10 2.17 -6.87	30.08 2.19 -6.80	30.46 2.29 -6.35	32.03 2.66 -4.47	33.95 3.20 0.00	47.29 3.76 -8.35	54.00 3.21 -20.55	40.80 2.98 -9.45	32.14 2.18 -8.16	27.40 1.79 -5.28	24.07 0.98 -12.25	22.09 0.77 -12.16
WADING RIVER_IC_1 23522	23.09 1.99 -2.83	21.33 1.47 -5.54	20.68 1.39 -5.85	20.89 1.45 -5.25	22.71 1.54 -5.17	24.37 1.98 -3.67	32.27 3.11 -0.88	40.28 3.62 -6.72	36.06 3.36 -6.45	30.95 2.96 -5.40	27.96 2.90 -3.05	28.71 2.79 -4.31	28.50 2.84 -4.61	28.49 2.89 -4.52	29.33 2.99 -4.52	34.14 3.41 -5.83	38.30 3.97 -3.58	63.65 4.64 -23.83	105.91 3.99 -71.68	119.94 3.72 -87.85	40.31 2.77 -15.74	34.67 2.40 -11.94	33.87 1.15 -21.87	26.70 0.99 -16.55
WADING RIVER_IC_2 23547	23.09 1.99 -2.83	21.33 1.47 -5.54	20.68 1.39 -5.85	20.89 1.45 -5.25	22.71 1.54 -5.17	24.37 1.98 -3.67	32.27 3.11 -0.88	40.28 3.62 -6.72	36.06 3.36 -6.45	30.95 2.96 -5.40	27.96 2.90 -3.05	28.71 2.79 -4.31	28.50 2.84 -4.61	28.49 2.89 -4.52	29.33 2.99 -4.52	34.14 3.41 -5.83	38.30 3.97 -3.58	63.65 4.64 -23.83	105.91 3.99 -71.68	119.94 3.72 -87.85	40.31 2.77 -15.74	34.67 2.40 -11.94	33.87 1.15 -21.87	26.70 0.99 -16.55
WADING RIVER_IC_3 23601	23.09 1.99 -2.83	21.33 1.47 -5.54	20.68 1.39 -5.85	20.89 1.45 -5.25	22.71 1.54 -5.17	24.37 1.98 -3.67	32.27 3.11 -0.88	40.28 3.62 -6.72	36.06 3.36 -6.45	30.95 2.96 -5.40	27.96 2.90 -3.05	28.71 2.79 -4.31	28.50 2.84 -4.61	28.49 2.89 -4.52	29.33 2.99 -4.52	34.14 3.41 -5.83	38.30 3.97 -3.58	63.65 4.64 -23.83	105.91 3.99 -71.68	119.94 3.72 -87.85	40.31 2.77 -15.74	34.67 2.40 -11.94	33.87 1.15 -21.87	26.70 0.99 -16.55
WALDENNY_12_KV_BK2 80841	18.71 0.07 -0.38	15.25 0.14 -0.79	14.73 0.15 -1.13	15.27 0.18 -0.89	16.68 0.29 -0.39	19.60 0.88 0.00	28.74 0.40 -0.06	31.79 -0.06 -1.91	27.55 0.03 -1.28	22.95 0.36 0.00	22.64 0.64 0.00	22.45 0.84 0.00	21.85 0.80 0.00	21.82 0.74 0.00	22.56 0.74 0.00	25.39 0.50 0.00	31.09 0.34 0.00	37.45 -0.11 -2.38	35.98 -0.12 -5.86	30.83 -0.23 -2.69	24.06 -0.07 -2.33	21.69 -0.14 -1.50	14.41 0.08 -3.49	12.78 0.15 -3.46
WALDEN___HYDRO 24148	20.70 1.19 -1.24	17.79 0.86 -2.62	17.97 0.78 -3.74	17.95 0.81 -2.96	18.18 0.90 -1.29	19.83 1.10 0.00	30.25 1.78 -0.18	38.28 2.01 -6.34	32.18 1.71 -4.22	24.06 1.47 0.00	23.50 1.45 -0.04	23.07 1.40 -0.06	22.46 1.39 -0.02	22.49 1.41 0.00	23.30 1.48 0.00	26.64 1.74 0.00	32.90 2.15 0.00	45.75 2.67 -7.90	52.03 2.33 -19.46	39.44 2.13 -8.95	31.07 1.55 -7.73	26.57 1.24 -5.00	23.08 0.64 -11.60	21.22 0.54 -11.51
WARRENSBURG____ 23737	20.98 1.08 -1.64	18.59 0.83 -3.45	19.30 0.92 -4.93	19.05 0.97 -3.90	18.96 1.26 -1.70	20.35 1.63 0.00	31.19 2.66 -0.24	41.22 2.94 -8.35	34.39 2.57 -5.57	24.71 2.12 0.00	23.87 1.91 0.05	23.31 1.77 0.08	22.75 1.73 0.03	22.81 1.73 0.00	23.67 1.85 0.00	27.09 2.19 0.00	33.27 2.52 0.00	48.80 2.92 -10.70	59.22 2.63 -26.34	42.78 2.30 -12.11	34.05 1.79 -10.46	28.56 1.46 -6.77	27.18 0.64 -15.70	25.25 0.50 -15.58
WATERSIDE___6 8 9 23538	21.08 1.50 -1.32	18.19 1.10 -2.78	18.42 1.00 -3.97	18.33 1.01 -3.14	18.45 1.09 -1.37	20.05 1.33 0.00	30.66 2.18 -0.19	39.20 2.54 -6.72	32.96 2.23 -4.48	24.67 2.08 0.00	24.15 2.07 -0.08	28.21 1.95 -4.66	30.13 1.94 -7.14	30.11 1.96 -7.07	30.44 2.03 -6.59	31.90 2.37 -4.64	33.52 2.77 0.00	46.90 3.38 -8.35	53.64 2.84 -20.55	40.43 2.61 -9.45	31.90 1.94 -8.16	27.23 1.63 -5.28	24.02 0.92 -12.25	22.06 0.73 -12.16
WATKINRD_115KV_LN8_ILLION 55919	18.59 0.29 -0.03	14.61 0.23 -0.07	13.76 0.22 -0.10	14.48 0.21 -0.08	16.29 0.26 -0.03	19.06 0.34 0.00	28.83 0.54 0.00	30.58 0.48 -0.17	26.76 0.39 -0.11	22.90 0.32 0.00	22.31 0.31 0.00	21.91 0.30 0.00	21.33 0.27 0.00	21.33 0.25 0.00	22.08 0.26 0.00	25.19 0.30 0.00	31.18 0.43 0.00	35.88 0.49 -0.21	31.18 0.42 -0.51	28.97 0.37 -0.23	22.26 0.26 -0.20	20.72 0.26 -0.13	11.41 0.16 -0.40	9.60 0.14 -0.30
WATSON___69_KV_BK 1 55734	23.21 2.12 -2.82	21.43 1.57 -5.54	20.76 1.47 -5.85	20.97 1.53 -5.25	22.84 1.66 -5.17	24.51 2.13 -3.66	32.52 3.37 -0.87	40.49 3.83 -6.72	34.28 2.84 -5.19	30.95 2.98 -5.38	27.62 2.60 -3.02	28.77 2.85 -4.30	28.24 2.61 -4.57	28.04 2.47 -4.49	28.86 2.55 -4.49	31.05 2.91 -3.24	37.87 3.57 -3.55	55.37 4.12 -16.07	73.93 3.54 -40.15	71.51 3.26 -39.88	40.00 2.53 -15.67	31.61 2.11 -9.17	30.45 1.02 -18.58	26.53 0.91 -16.46

WDELAWARE___HYD 323627	20.71 1.30 -1.15	17.66 0.93 -2.42	17.77 0.86 -3.46	17.80 0.88 -2.73	18.18 0.99 -1.19	19.90 1.18 0.00	30.35 1.90 -0.17	37.80 2.01 -5.85	31.86 1.71 -3.90	24.03 1.45 0.00	23.46 1.43 -0.03	23.06 1.40 -0.04	22.46 1.39 -0.01	22.47 1.39 0.00	23.28 1.46 0.00	26.61 1.72 0.00	32.90 2.15 0.00	45.22 2.75 -7.30	50.57 2.36 -17.97	38.78 2.15 -8.26	30.48 1.55 -7.13	26.18 1.24 -4.62	22.25 0.69 -10.71	20.39 0.60 -10.63
WEST BABYLON___IC 23714	23.10 2.01 -2.82	21.34 1.49 -5.54	20.68 1.39 -5.85	20.87 1.43 -5.25	22.74 1.57 -5.17	24.38 2.00 -3.66	32.32 3.17 -0.87	40.28 3.62 -6.72	33.91 2.99 -4.67	30.82 2.87 -5.37	27.70 2.68 -3.01	28.64 2.72 -4.30	28.25 2.63 -4.56	28.15 2.59 -4.48	29.00 2.71 -4.48	30.13 3.06 -2.17	38.01 3.72 -3.54	52.40 4.33 -12.89	61.17 3.72 -27.21	51.93 3.43 -20.13	40.10 2.64 -15.66	30.60 2.24 -8.04	29.18 1.08 -17.25	26.54 0.93 -16.44
WEST CANADA___HYD 24049	18.39 0.09 -0.03	14.45 0.07 -0.07	13.62 0.07 -0.10	14.34 0.07 -0.08	16.12 0.08 -0.03	18.83 0.11 0.00	28.46 0.17 0.00	30.28 0.18 -0.17	26.52 0.16 -0.11	22.70 0.11 0.00	22.09 0.09 0.00	21.70 0.09 0.00	21.14 0.08 0.00	21.17 0.08 0.00	21.91 0.09 0.00	25.02 0.13 0.00	30.90 0.15 0.00	35.59 0.21 -0.20	30.91 0.18 -0.49	28.74 0.14 -0.22	22.10 0.11 -0.19	20.55 0.10 -0.13	11.29 0.05 -0.39	9.49 0.04 -0.29
WESTERN_NY_WIND 24143	19.00 0.38 -0.35	15.43 0.39 -0.73	14.87 0.38 -1.05	15.43 0.41 -0.83	16.92 0.56 -0.36	19.69 0.97 0.00	29.19 0.85 -0.05	32.19 0.48 -1.77	27.96 0.53 -1.18	23.02 0.43 0.00	22.67 0.66 0.00	22.41 0.80 0.00	21.79 0.74 0.00	21.80 0.72 0.00	22.54 0.72 0.00	25.47 0.57 0.00	31.21 0.46 0.00	37.80 0.42 -2.20	36.06 0.39 -5.42	31.14 0.28 -2.49	24.30 0.35 -2.15	21.94 0.22 -1.39	14.35 0.27 -3.23	12.68 0.31 -3.20
WESTOVER___LESR 323668	19.36 0.51 -0.59	15.95 0.40 -1.23	15.61 0.39 -1.77	15.99 0.41 -1.40	17.12 0.51 -0.61	19.54 0.82 0.00	29.36 0.99 -0.09	33.86 0.93 -2.99	29.03 0.79 -1.99	23.40 0.81 0.00	22.84 0.84 0.00	22.48 0.86 0.00	21.88 0.82 0.00	21.90 0.82 0.00	22.67 0.85 0.00	25.79 0.90 0.00	31.86 1.11 0.00	39.91 1.02 -3.71	40.30 0.91 -9.15	33.40 0.82 -4.21	26.09 0.65 -3.63	23.26 0.59 -2.35	16.63 0.34 -5.45	14.87 0.29 -5.41
WETHRSFD_WT_PWR 323626	18.75 0.07 -0.41	15.29 0.11 -0.86	14.80 0.12 -1.23	15.31 0.16 -0.97	16.69 0.27 -0.42	19.54 0.82 0.00	28.86 0.51 -0.06	32.10 0.09 -2.07	27.79 0.16 -1.38	23.02 0.43 0.00	22.73 0.73 0.00	22.41 0.80 0.00	21.81 0.76 0.00	21.80 0.72 0.00	22.49 0.68 0.00	25.34 0.45 0.00	31.33 0.58 0.00	37.76 0.11 -2.47	36.33 0.00 -6.09	31.05 0.00 -2.80	24.26 -0.11 -2.42	21.85 0.04 -1.56	14.55 0.08 -3.63	12.88 0.12 -3.60
WHAVSTOR_138KV_BK127 55557	20.66 1.19 -1.21	17.70 0.84 -2.54	17.87 0.78 -3.64	17.86 0.79 -2.87	18.13 0.88 -1.25	19.77 1.05 0.00	30.13 1.67 -0.18	38.04 1.95 -6.16	32.14 1.79 -4.11	24.17 1.58 0.00	23.61 1.56 -0.05	23.19 1.51 -0.07	22.57 1.49 -0.02	22.60 1.52 0.00	23.43 1.61 0.00	26.76 1.87 0.00	32.93 2.18 0.00	45.47 2.64 -7.65	51.32 2.24 -18.84	39.10 2.07 -8.66	30.80 1.53 -7.48	26.38 1.22 -4.84	22.71 0.64 -11.22	20.83 0.52 -11.14
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	20.66 1.19 -1.21	17.70 0.84 -2.54	17.87 0.78 -3.64	17.86 0.79 -2.87	18.13 0.88 -1.25	19.77 1.05 0.00	30.13 1.67 -0.18	38.04 1.95 -6.16	32.14 1.79 -4.11	24.17 1.58 0.00	23.61 1.56 -0.05	23.19 1.51 -0.07	22.57 1.49 -0.02	22.60 1.52 0.00	23.43 1.61 0.00	26.76 1.87 0.00	32.93 2.18 0.00	45.47 2.64 -7.65	51.32 2.24 -18.84	39.10 2.07 -8.66	30.80 1.53 -7.48	26.38 1.22 -4.84	22.71 0.64 -11.22	20.83 0.52 -11.14
WHITEHAL_115KV_TB1 80871	21.37 1.46 -1.64	18.90 1.15 -3.45	19.58 1.20 -4.93	19.33 1.25 -3.89	19.30 1.60 -1.69	20.76 2.04 0.00	31.89 3.37 -0.24	42.05 3.77 -8.34	35.10 3.28 -5.56	25.30 2.71 0.00	24.40 2.44 0.05	23.78 2.25 0.08	23.13 2.11 0.03	23.19 2.11 0.00	24.04 2.23 0.00	27.53 2.64 0.00	33.95 3.20 0.00	49.31 3.76 -10.36	59.15 3.39 -25.52	43.22 3.12 -11.73	34.37 2.44 -10.13	28.91 2.03 -6.56	26.92 0.87 -15.20	24.94 0.68 -15.09
WHITEPLN_13_KV_LOAD 356215	21.03 1.44 -1.32	18.16 1.07 -2.77	18.40 0.98 -3.96	18.33 1.01 -3.13	18.47 1.10 -1.36	20.13 1.40 0.00	30.77 2.29 -0.19	39.25 2.60 -6.71	33.01 2.28 -4.47	24.62 2.03 0.00	24.06 2.00 -0.06	23.64 1.95 -0.08	23.02 1.94 -0.03	23.02 1.94 0.00	23.85 2.03 0.00	27.26 2.37 0.00	33.61 2.86 0.00	46.89 3.38 -8.34	53.64 2.87 -20.52	40.47 2.67 -9.44	31.93 1.98 -8.15	27.18 1.59 -5.27	23.96 0.88 -12.23	22.02 0.71 -12.14
WM_FLOYD_69_KV_BK2 356380	23.06 1.97 -2.82	21.30 1.45 -5.54	20.67 1.37 -5.85	20.87 1.43 -5.25	22.70 1.52 -5.17	24.34 1.97 -3.66	32.24 3.08 -0.87	40.16 3.50 -6.72	35.90 3.23 -6.42	30.86 2.87 -5.40	27.89 2.84 -3.05	28.62 2.70 -4.30	28.41 2.76 -4.60	28.40 2.80 -4.51	29.23 2.90 -4.52	33.89 3.21 -5.78	38.17 3.84 -3.58	63.31 4.50 -23.63	105.06 3.90 -70.91	118.75 3.57 -86.80	40.20 2.70 -15.70	34.56 2.38 -11.86	33.73 1.14 -21.74	26.62 0.97 -16.48
WOODARD___115KV_TB2 355635	18.75 0.20 -0.28	15.07 0.16 -0.60	14.45 0.15 -0.86	15.02 0.16 -0.68	16.52 0.22 -0.29	19.06 0.34 0.00	28.72 0.40 -0.04	31.66 0.27 -1.45	27.40 0.18 -0.97	22.75 0.16 0.00	22.18 0.18 0.00	21.83 0.22 0.00	21.24 0.19 0.00	21.29 0.21 0.00	22.01 0.20 0.00	25.04 0.15 0.00	30.87 0.12 0.00	37.08 0.11 -1.80	34.80 0.12 -4.43	30.49 0.09 -2.04	23.73 0.17 -1.76	21.71 0.24 -1.14	13.65 0.16 -2.64	11.92 0.14 -2.62
YORK___WARBASSE 23770	21.21 1.63 -1.32	18.29 1.20 -2.78	18.51 1.09 -3.97	18.42 1.09 -3.14	18.55 1.18 -1.37	20.14 1.42 0.00	30.72 2.23 -0.19	39.26 2.60 -6.72	33.02 2.28 -4.48	24.76 2.17 0.00	24.24 2.16 -0.08	28.28 1.99 -4.68	30.22 1.98 -7.18	30.19 2.00 -7.11	30.52 2.07 -6.63	32.01 2.44 -4.67	33.52 2.77 0.00	46.97 3.45 -8.35	53.67 2.87 -20.55	40.49 2.67 -9.45	31.97 2.01 -8.16	27.35 1.75 -5.28	24.09 1.00 -12.25	22.13 0.81 -12.16