

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

09/13/2023

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	31.37	28.15	25.78	24.79	24.04	25.93	29.79	35.27	36.07	36.69	35.20	36.20	36.32	36.05	36.63	35.72	38.96	41.43	37.79	38.03	33.63	29.21	27.36	25.07
24138	1.53	1.46	1.30	1.16	1.20	1.22	1.53	1.86	2.22	2.33	2.13	2.12	2.04	1.75	1.74	1.78	1.89	1.87	1.90	1.87	1.95	1.63	1.38	1.29
	-8.36	-5.21	-4.44	-4.53	-1.40	-3.22	-3.20	-7.86	-5.71	-5.18	-7.38	-8.54	-10.52	-12.18	-13.36	-11.97	-14.63	-16.51	-11.84	-11.89	-5.63	-4.55	-4.48	-2.29
74TH STREET_GT_1	31.33	28.13	25.74	24.77	24.02	25.90	29.74	35.26	36.03	36.64	35.16	36.16	36.26	35.99	36.57	35.73	38.99	41.44	37.82	38.01	33.60	29.16	27.34	25.03
24260	1.48	1.44	1.26	1.15	1.18	1.20	1.48	1.81	2.17	2.28	2.08	2.07	2.00	1.70	1.70	1.74	1.84	1.80	1.88	1.84	1.93	1.59	1.35	1.25
	-8.36	-5.21	-4.44	-4.53	-1.40	-3.22	-3.20	-7.90	-5.72	-5.19	-7.40	-8.55	-10.50	-12.16	-13.34	-12.02	-14.70	-16.59	-11.90	-11.89	-5.63	-4.55	-4.48	-2.29
74TH STREET_GT_2	31.33	28.13	25.74	24.77	24.02	25.90	29.74	35.26	36.03	36.64	35.16	36.16	36.26	35.99	36.57	35.73	38.99	41.44	37.82	38.01	33.60	29.16	27.34	25.03
24261	1.48	1.44	1.26	1.15	1.18	1.20	1.48	1.81	2.17	2.28	2.08	2.07	2.00	1.70	1.70	1.74	1.84	1.80	1.88	1.84	1.93	1.59	1.35	1.25
	-8.36	-5.21	-4.44	-4.53	-1.40	-3.22	-3.20	-7.90	-5.72	-5.19	-7.40	-8.55	-10.50	-12.16	-13.34	-12.02	-14.70	-16.59	-11.90	-11.89	-5.63	-4.55	-4.48	-2.29
ADK HUDSON___FALLS	33.69	29.68	27.14	26.30	24.81	27.26	31.14	37.78	37.58	37.96	37.21	38.52	39.09	39.60	40.32	38.73	42.67	45.88	40.82	41.07	34.86	30.28	28.46	25.65
24011	1.44	1.42	1.32	1.30	1.54	1.59	1.90	1.94	1.97	2.01	1.87	1.81	1.47	1.44	1.21	1.10	1.08	1.22	1.27	1.31	1.48	1.34	1.12	1.18
	-10.76	-6.78	-5.78	-5.90	-1.82	-4.19	-4.17	-10.29	-7.46	-6.77	-9.66	-11.17	-13.85	-16.04	-17.59	-15.66	-19.14	-21.61	-15.50	-15.49	-7.33	-5.92	-5.83	-2.99
ADK RESOURCE___RCVRY	33.89	29.86	27.30	26.45	24.96	27.44	31.36	38.01	37.90	38.29	37.53	38.85	39.15	39.64	40.33	38.83	42.76	45.98	40.93	41.25	35.05	30.42	28.61	25.78
23798	1.63	1.59	1.48	1.45	1.69	1.76	2.13	2.20	2.22	2.28	2.11	2.04	1.64	1.59	1.34	1.23	1.21	1.36	1.42	1.48	1.67	1.47	1.27	1.31
	-10.77	-6.78	-5.78	-5.91	-1.82	-4.19	-4.17	-10.27	-7.53	-6.83	-9.74	-11.26	-13.75	-15.92	-17.46	-15.63	-19.10	-21.57	-15.47	-15.50	-7.33	-5.93	-5.83	-2.99
ADK S GLENS___FALLS	33.69	29.68	27.14	26.30	24.81	27.26	31.14	37.78	37.58	37.96	37.21	38.52	39.09	39.60	40.32	38.73	42.67	45.88	40.82	41.07	34.86	30.28	28.46	25.65
24028	1.44	1.42	1.32	1.30	1.54	1.59	1.90	1.94	1.97	2.01	1.87	1.81	1.47	1.44	1.21	1.10	1.08	1.22	1.27	1.31	1.48	1.34	1.12	1.18
	-10.76	-6.78	-5.78	-5.90	-1.82	-4.19	-4.17	-10.29	-7.46	-6.77	-9.66	-11.17	-13.85	-16.04	-17.59	-15.66	-19.14	-21.61	-15.50	-15.49	-7.33	-5.92	-5.83	-2.99
ADK_NYS___DAM	32.87	29.10	26.61	25.78	24.31	26.68	30.50	36.94	37.01	37.39	36.46	37.81	38.41	38.89	39.74	38.42	42.28	45.33	40.47	40.71	34.64	30.01	28.18	25.45
23527	0.97	1.01	0.94	0.94	1.09	1.12	1.38	1.40	1.55	1.57	1.31	1.33	1.26	1.26	1.20	1.23	1.23	1.29	1.37	1.36	1.46	1.22	0.99	1.05
	-10.42	-6.60	-5.63	-5.75	-1.77	-4.08	-4.06	-9.99	-7.31	-6.64	-9.46	-10.94	-13.39	-15.51	-17.01	-15.21	-18.59	-20.99	-15.05	-15.08	-7.14	-5.77	-5.68	-2.91
AIR_PRODUCTS___DRP	32.53	28.61	26.14	25.30	23.73	26.10	29.82	36.33	36.13	36.51	35.79	37.08	37.98	38.50	39.38	37.91	41.77	44.86	39.87	40.06	33.88	29.35	27.61	24.79
24190	0.45	0.45	0.42	0.40	0.49	0.49	0.65	0.66	0.65	0.67	0.62	0.56	0.55	0.55	0.50	0.53	0.49	0.55	0.58	0.56	0.63	0.51	0.37	0.37
	-10.60	-6.67	-5.68	-5.81	-1.79	-4.12	-4.10	-10.12	-7.34	-6.66	-9.49	-10.98	-13.67	-15.83	-17.36	-15.40	-18.82	-21.25	-15.24	-15.23	-7.21	-5.83	-5.73	-2.94
AKWESSNE_115KV_BK	21.14	21.12	19.78	18.83	21.16	21.12	24.59	25.01	27.61	28.62	25.25	25.10	23.31	21.70	21.12	21.51	21.98	22.59	23.62	23.81	25.58	22.56	21.12	21.10
355683	-0.34	-0.37	-0.26	-0.27	-0.28	-0.37	-0.48	-0.54	-0.53	-0.55	-0.44	-0.43	-0.45	-0.42	-0.41	-0.46	-0.47	-0.46	-0.43	-0.46	-0.47	-0.46	-0.39	-0.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	32.53	28.61	26.14	25.30	23.73	26.10	29.82	36.33	36.13	36.51	35.79	37.08	37.98	38.50	39.38	37.91	41.77	44.86	39.87	40.06	33.88	29.35	27.61	24.79
23571	0.45	0.45	0.42	0.40	0.49	0.49	0.65	0.66	0.65	0.67	0.62	0.56	0.55	0.55	0.50	0.53	0.49	0.55	0.58	0.56	0.63	0.51	0.37	0.37
	-10.60	-6.67	-5.68	-5.81	-1.79	-4.12	-4.10	-10.12	-7.34	-6.66	-9.49	-10.98	-13.67	-15.83	-17.36	-15.40	-18.82	-21.25	-15.24	-15.23	-7.21	-5.83	-5.73	-2.94
ALBANY___2	32.53	28.61	26.14	25.30	23.73	26.10	29.82	36.33	36.13	36.51	35.79	37.08	37.98	38.50	39.38	37.91	41.77	44.86	39.87	40.06	33.88	29.35	27.61	24.79
23572	0.45	0.45	0.42	0.40	0.49	0.49	0.65	0.66	0.65	0.67	0.62	0.56	0.55	0.55	0.50	0.53	0.49	0.55	0.58	0.56	0.63	0.51	0.37	0.37
	-10.60	-6.67	-5.68	-5.81	-1.79	-4.12	-4.10	-10.12	-7.34	-6.66	-9.49	-10.98	-13.67	-15.83	-17.36	-15.40	-18.82	-21.25	-15.24	-15.23	-7.21	-5.83	-5.73	-2.94
ALBANY___3	32.53	28.61	26.14	25.30	23.73	26.10	29.82	36.33	36.13	36.51	35.79	37.08	37.98	38.50	39.38	37.91	41.77	44.86	39.87	40.06	33.88	29.35	27.61	24.79
23573	0.45	0.45	0.42	0.40	0.49	0.49	0.65	0.66	0.65	0.67	0.62	0.56	0.55	0.55	0.50	0.53	0.49	0.55	0.58	0.56	0.63	0.51	0.37	0.37
	-10.60	-6.67	-5.68	-5.81	-1.79	-4.12	-4.10	-10.12	-7.34	-6.66	-9.49	-10.98	-13.67	-15.83	-17.36	-15.40	-18.82	-21.25	-15.24	-15.23	-7.21	-5.83	-5.73	-2.94

ALBANY___4 23574	32.53 0.45 -10.60	28.61 0.45 -6.67	26.14 0.42 -5.68	25.30 0.40 -5.81	23.73 0.49 -1.79	26.10 0.49 -4.12	29.82 0.65 -4.10	36.33 0.66 -10.12	36.13 0.65 -7.34	36.51 0.67 -6.66	35.79 0.62 -9.49	37.08 0.56 -10.98	37.98 0.55 -13.67	38.50 0.55 -15.83	39.38 0.50 -17.36	37.91 0.53 -15.40	41.77 0.49 -18.82	44.86 0.55 -21.25	39.87 0.58 -15.24	40.06 0.56 -15.23	33.88 0.63 -7.21	29.35 0.51 -5.83	27.61 0.37 -5.73	24.79 0.37 -2.94
ALBANY___LFGE 323615	32.78 0.67 -10.63	28.85 0.67 -6.69	26.37 0.62 -5.70	25.51 0.59 -5.83	23.95 0.71 -1.80	26.35 0.73 -4.13	30.08 0.90 -4.12	36.62 0.95 -10.13	36.54 0.93 -7.47	36.91 0.96 -6.78	36.26 0.92 -9.66	37.58 0.87 -11.17	38.12 0.81 -13.54	38.60 0.80 -15.68	39.44 0.71 -17.20	38.14 0.75 -15.42	42.02 0.72 -18.85	45.12 0.78 -21.28	40.13 0.82 -15.26	40.36 0.80 -15.29	34.17 0.89 -7.24	29.61 0.74 -5.85	27.82 0.56 -5.76	24.99 0.56 -2.95
ALCOA_PA_115KV_PL-6C 55860	21.21 -0.28 0.00	21.16 -0.32 0.00	19.82 -0.22 0.00	18.88 -0.21 0.00	21.25 -0.19 0.00	21.19 -0.30 0.00	24.66 -0.40 0.00	25.09 -0.46 0.00	27.69 -0.45 0.00	28.71 -0.47 0.00	25.32 -0.36 0.00	25.21 -0.33 0.00	23.38 -0.38 0.00	21.75 -0.38 0.00	21.16 -0.37 0.00	21.56 -0.42 0.00	22.05 -0.40 0.00	22.66 -0.39 0.00	23.69 -0.36 0.00	23.88 -0.39 0.00	25.68 -0.36 0.00	22.63 -0.39 0.00	21.16 -0.34 0.00	21.14 -0.34 0.00
ALCOA_RYNLDS___DRP 24188	21.21 -0.28 0.00	21.16 -0.32 0.00	19.82 -0.22 0.00	18.88 -0.21 0.00	21.25 -0.19 0.00	21.19 -0.30 0.00	24.66 -0.40 0.00	25.09 -0.46 0.00	27.69 -0.45 0.00	28.71 -0.47 0.00	25.32 -0.36 0.00	25.21 -0.33 0.00	23.38 -0.38 0.00	21.75 -0.38 0.00	21.16 -0.37 0.00	21.56 -0.42 0.00	22.05 -0.40 0.00	22.66 -0.39 0.00	23.69 -0.36 0.00	23.88 -0.39 0.00	25.68 -0.36 0.00	22.63 -0.39 0.00	21.16 -0.34 0.00	21.14 -0.34 0.00
ALCOA___DSASP 323711	21.21 -0.28 0.00	21.19 -0.30 0.00	19.82 -0.22 0.00	18.88 -0.21 0.00	21.25 -0.19 0.00	21.23 -0.26 0.00	24.66 -0.40 0.00	25.09 -0.46 0.00	27.69 -0.45 0.00	28.71 -0.47 0.00	25.32 -0.36 0.00	25.20 -0.33 0.00	23.38 -0.38 0.00	21.75 -0.38 0.00	21.16 -0.37 0.00	21.56 -0.42 0.00	22.05 -0.40 0.00	22.66 -0.39 0.00	23.69 -0.36 0.00	23.88 -0.39 0.00	25.68 -0.36 0.00	22.63 -0.39 0.00	21.16 -0.34 0.00	21.16 -0.32 0.00
ALLEGHENY___COGEN 23514	23.31 1.05 -0.77	22.96 0.99 -0.48	21.36 0.90 -0.41	20.37 0.86 -0.42	22.43 0.86 -0.13	22.86 1.07 -0.30	26.87 1.50 -0.30	27.65 1.33 -0.78	29.95 1.24 -0.57	30.74 1.05 -0.51	27.19 0.77 -0.73	27.02 0.64 -0.85	25.42 0.62 -1.04	24.15 0.82 -1.21	23.55 0.69 -1.33	24.04 0.88 -1.19	24.82 0.92 -1.45	25.77 1.08 -1.64	26.38 1.15 -1.18	26.68 1.31 -1.10	28.08 1.51 -0.52	24.99 1.54 -0.42	23.13 1.20 -0.42	22.86 1.16 -0.21
ALTAMONT_115KV_TB 2 55880	32.87 0.73 -10.66	28.92 0.73 -6.70	26.41 0.66 -5.71	25.58 0.65 -5.83	23.99 0.75 -1.80	26.38 0.75 -4.14	30.08 0.90 -4.12	36.63 0.92 -10.17	36.50 0.99 -7.37	36.86 0.99 -6.69	36.12 0.90 -9.54	37.43 0.87 -11.03	38.25 0.83 -13.65	38.71 0.77 -15.81	39.62 0.75 -17.34	38.22 0.77 -15.47	42.15 0.79 -18.91	45.23 0.83 -21.35	40.22 0.87 -15.31	40.42 0.85 -15.30	34.20 0.91 -7.24	29.66 0.78 -5.85	27.93 0.67 -5.76	25.10 0.67 -2.95
ALTONA_WT_PWR 323606	21.74 0.26 0.00	21.66 0.17 0.00	20.32 0.28 0.00	19.32 0.23 0.00	21.68 0.24 0.00	21.81 0.32 0.00	25.42 0.35 0.00	25.54 0.00 0.00	28.29 0.14 0.00	29.35 0.18 0.00	25.91 0.23 0.00	25.79 0.26 0.00	23.86 0.10 0.00	22.21 0.09 0.00	21.57 0.04 0.00	21.95 -0.02 0.00	22.47 0.02 0.00	23.12 0.07 0.00	24.48 0.43 0.00	24.54 0.27 0.00	26.36 0.31 0.00	23.09 0.07 0.00	21.51 0.00 0.00	21.51 0.02 0.00
AMERICAN_REF_FUEL 24010	21.81 -0.37 -0.69	21.53 -0.39 -0.43	19.97 -0.44 -0.37	19.07 -0.40 -0.38	21.04 -0.51 -0.12	21.32 -0.43 -0.27	24.93 -0.40 -0.27	25.37 -0.87 -0.70	27.52 -1.13 -0.51	28.32 -1.31 -0.46	25.21 -1.13 -0.65	25.12 -1.17 -0.76	23.77 -0.93 -0.93	22.60 -0.60 -1.08	22.09 -0.63 -1.18	22.49 -0.55 -1.06	23.01 -0.74 -1.29	23.75 -0.76 -1.46	24.21 -0.89 -1.05	24.43 -0.83 -0.99	25.70 -0.81 -0.47	22.99 -0.41 -0.38	21.40 -0.47 -0.37	21.42 -0.26 -0.19
ARKWRIGHT___SUMMIT_WT_PWR 323751	22.53 0.28 -0.77	22.22 0.26 -0.48	20.57 0.12 -0.41	19.65 0.13 -0.42	21.66 0.09 -0.13	22.02 0.24 -0.30	25.81 0.45 -0.30	26.52 0.20 -0.77	28.73 0.03 -0.56	29.63 -0.06 -0.51	26.38 -0.03 -0.73	26.30 -0.08 -0.84	24.80 0.00 -1.04	23.57 0.24 -1.20	23.04 0.19 -1.31	23.44 0.28 -1.18	24.00 0.11 -1.44	24.82 0.14 -1.63	25.17 -0.05 -1.17	25.39 0.02 -1.10	26.67 0.10 -0.52	23.88 0.44 -0.42	22.20 0.28 -0.41	22.06 0.36 -0.21
ARTHUR_KILL_GT_1 23520	31.15 1.31 -8.35	27.91 1.22 -5.20	25.51 1.04 -4.43	24.54 0.92 -4.53	23.65 0.81 -1.39	25.53 0.84 -3.21	29.29 1.03 -3.19	34.88 1.48 -7.85	35.32 1.89 -5.29	35.36 1.98 -4.20	34.91 1.87 -7.35	35.15 1.92 -7.69	36.10 1.83 -10.51	35.80 1.51 -12.17	36.09 1.51 -13.06	35.49 1.56 -11.96	38.73 1.66 -14.62	41.17 1.61 -16.51	36.54 1.71 -10.79	37.38 1.67 -11.44	33.31 1.64 -5.62	28.85 1.29 -4.54	27.03 1.05 -4.47	24.69 0.92 -2.29
ARTHUR_KILL_2 23512	31.09 1.25 -8.35	27.84 1.16 -5.20	25.47 1.00 -4.43	24.48 0.86 -4.53	23.61 0.77 -1.39	25.49 0.80 -3.21	29.23 0.98 -3.19	34.80 1.40 -7.85	35.24 1.80 -5.29	35.27 1.90 -4.20	34.83 1.80 -7.35	35.07 1.84 -7.69	36.03 1.76 -10.51	35.73 1.44 -12.17	36.03 1.44 -13.06	35.41 1.47 -11.96	38.64 1.57 -14.62	41.10 1.54 -16.51	36.47 1.64 -10.79	37.29 1.58 -11.44	33.23 1.56 -5.62	28.78 1.22 -4.54	26.99 1.01 -4.47	24.65 0.88 -2.29
ARTHUR_KILL_3 23513	31.16 1.31 -8.36	27.94 1.25 -5.21	25.58 1.10 -4.44	24.56 0.94 -4.53	23.79 0.94 -1.40	25.67 0.97 -3.22	29.49 1.23 -3.20	34.91 1.51 -7.86	35.25 1.80 -5.30	35.25 1.87 -4.21	34.76 1.72 -7.36	34.95 1.71 -7.70	35.94 1.66 -10.52	35.70 1.39 -12.18	35.99 1.40 -13.06	35.37 1.43 -11.97	38.58 1.50 -14.63	41.04 1.48 -16.51	36.36 1.52 -10.79	37.22 1.51 -11.45	33.32 1.64 -5.63	28.93 1.36 -4.55	27.12 1.14 -4.48	24.81 1.03 -2.29
ARTHUR_KILL_COGEN 323718	31.15 1.31 -8.35	27.91 1.22 -5.20	25.51 1.04 -4.43	24.54 0.92 -4.53	23.65 0.81 -1.39	25.53 0.84 -3.21	29.29 1.03 -3.19	34.88 1.48 -7.85	35.32 1.89 -5.29	35.36 1.98 -4.20	34.91 1.87 -7.35	35.15 1.92 -7.69	36.10 1.83 -10.51	35.80 1.51 -12.17	36.09 1.51 -13.06	35.49 1.56 -11.96	38.73 1.66 -14.62	41.17 1.61 -16.51	36.54 1.71 -10.79	37.38 1.67 -11.44	33.31 1.64 -5.62	28.85 1.29 -4.54	27.03 1.05 -4.47	24.69 0.92 -2.29
ASHOKAN____ 23654	31.40 0.51 -9.39	27.91 0.54 -5.89	25.50 0.44 -5.02	24.64 0.42 -5.13	23.71 0.69 -1.58	25.79 0.67 -3.64	29.59 0.90 -3.62	35.42 1.00 -8.88	35.37 0.73 -6.49	35.77 0.70 -5.90	34.78 0.69 -8.40	35.95 0.69 -9.72	36.66 1.02 -11.87	36.76 0.89 -13.75	37.41 0.80 -15.08	35.98 0.48 -13.52	39.51 0.54 -16.52	42.35 0.64 -18.65	38.10 0.67 -13.38	38.45 0.73 -13.45	33.14 0.73 -6.37	28.72 0.55 -5.15	26.94 0.37 -5.06	24.40 0.32 -2.59

ASTORIA_EAST_ENERGY_CC1 323581	31.24 1.40 -8.36	28.00 1.31 -5.21	25.60 1.12 -4.44	24.62 0.99 -4.53	23.68 0.84 -1.40	25.54 0.84 -3.22	29.34 1.08 -3.20	34.83 1.43 -7.85	35.65 1.80 -5.70	36.22 1.87 -5.17	34.84 1.77 -7.38	35.92 1.84 -8.54	36.01 1.73 -10.52	35.72 1.42 -12.18	36.30 1.42 -13.35	35.37 1.43 -11.97	38.58 1.50 -14.62	40.92 1.36 -16.51	37.42 1.54 -11.83	37.64 1.48 -11.89	33.18 1.51 -5.62	28.79 1.22 -4.55	27.04 1.05 -4.48	24.77 0.99 -2.29
ASTORIA_EAST_ENERGY_CC2 323582	31.24 1.40 -8.36	28.00 1.31 -5.21	25.60 1.12 -4.44	24.62 0.99 -4.53	23.68 0.84 -1.40	25.54 0.84 -3.22	29.34 1.08 -3.20	34.83 1.43 -7.85	35.65 1.80 -5.70	36.22 1.87 -5.17	34.84 1.77 -7.38	35.92 1.84 -8.54	36.01 1.73 -10.52	35.72 1.42 -12.18	36.30 1.42 -13.35	35.37 1.43 -11.97	38.58 1.50 -14.62	40.92 1.36 -16.51	37.42 1.54 -11.83	37.64 1.48 -11.89	33.18 1.51 -5.62	28.79 1.22 -4.55	27.04 1.05 -4.48	24.77 0.99 -2.29
ASTORIA_GT2_1 24094	31.25 1.40 -8.36	28.02 1.33 -5.21	25.62 1.14 -4.44	24.62 0.99 -4.53	23.72 0.88 -1.40	25.56 0.86 -3.22	29.37 1.10 -3.20	34.88 1.43 -7.90	35.66 1.80 -5.72	36.26 1.90 -5.19	34.85 1.77 -7.40	35.95 1.86 -8.55	36.02 1.76 -10.50	35.72 1.44 -12.16	36.31 1.44 -13.34	35.45 1.45 -12.02	38.65 1.50 -14.70	41.14 1.50 -16.59	37.49 1.54 -11.90	37.67 1.50 -11.89	33.21 1.54 -5.63	28.79 1.22 -4.55	27.06 1.08 -4.48	24.77 0.99 -2.29
ASTORIA_GT2_2 24095	31.25 1.40 -8.36	28.02 1.33 -5.21	25.62 1.14 -4.44	24.62 0.99 -4.53	23.72 0.88 -1.40	25.56 0.86 -3.22	29.37 1.10 -3.20	34.88 1.43 -7.90	35.66 1.80 -5.72	36.26 1.90 -5.19	34.85 1.77 -7.40	35.95 1.86 -8.55	36.02 1.76 -10.50	35.72 1.44 -12.16	36.31 1.44 -13.34	35.45 1.45 -12.02	38.65 1.50 -14.70	41.14 1.50 -16.59	37.49 1.54 -11.90	37.67 1.50 -11.89	33.21 1.54 -5.63	28.79 1.22 -4.55	27.06 1.08 -4.48	24.77 0.99 -2.29
ASTORIA_GT2_3 24096	31.25 1.40 -8.36	28.02 1.33 -5.21	25.62 1.14 -4.44	24.62 0.99 -4.53	23.72 0.88 -1.40	25.56 0.86 -3.22	29.37 1.10 -3.20	34.88 1.43 -7.90	35.66 1.80 -5.72	36.26 1.90 -5.19	34.85 1.77 -7.40	35.95 1.86 -8.55	36.02 1.76 -10.50	35.72 1.44 -12.16	36.31 1.44 -13.34	35.45 1.45 -12.02	38.65 1.50 -14.70	41.14 1.50 -16.59	37.49 1.54 -11.90	37.67 1.50 -11.89	33.21 1.54 -5.63	28.79 1.22 -4.55	27.06 1.08 -4.48	24.77 0.99 -2.29
ASTORIA_GT2_4 24097	31.25 1.40 -8.36	28.02 1.33 -5.21	25.62 1.14 -4.44	24.62 0.99 -4.53	23.72 0.88 -1.40	25.56 0.86 -3.22	29.37 1.10 -3.20	34.88 1.43 -7.90	35.66 1.80 -5.72	36.26 1.90 -5.19	34.85 1.77 -7.40	35.95 1.86 -8.55	36.02 1.76 -10.50	35.72 1.44 -12.16	36.31 1.44 -13.34	35.45 1.45 -12.02	38.65 1.50 -14.70	41.14 1.50 -16.59	37.49 1.54 -11.90	37.67 1.50 -11.89	33.21 1.54 -5.63	28.79 1.22 -4.55	27.06 1.08 -4.48	24.77 0.99 -2.29
ASTORIA_GT3_1 24098	31.25 1.40 -8.36	28.02 1.33 -5.21	25.62 1.14 -4.44	24.62 0.99 -4.53	23.72 0.88 -1.40	25.56 0.86 -3.22	29.37 1.10 -3.20	34.88 1.43 -7.90	35.66 1.80 -5.72	36.26 1.90 -5.19	34.85 1.77 -7.40	35.95 1.86 -8.55	36.02 1.76 -10.50	35.72 1.44 -12.16	36.31 1.44 -13.34	35.45 1.45 -12.02	38.65 1.50 -14.70	41.14 1.50 -16.59	37.49 1.54 -11.90	37.67 1.50 -11.89	33.21 1.54 -5.63	28.79 1.22 -4.55	27.06 1.08 -4.48	24.77 0.99 -2.29
ASTORIA_GT3_2 24099	31.25 1.40 -8.36	28.02 1.33 -5.21	25.62 1.14 -4.44	24.62 0.99 -4.53	23.72 0.88 -1.40	25.56 0.86 -3.22	29.37 1.10 -3.20	34.88 1.43 -7.90	35.66 1.80 -5.72	36.26 1.90 -5.19	34.85 1.77 -7.40	35.95 1.86 -8.55	36.02 1.76 -10.50	35.72 1.44 -12.16	36.31 1.44 -13.34	35.45 1.45 -12.02	38.65 1.50 -14.70	41.14 1.50 -16.59	37.49 1.54 -11.90	37.67 1.50 -11.89	33.21 1.54 -5.63	28.79 1.22 -4.55	27.06 1.08 -4.48	24.77 0.99 -2.29
ASTORIA_GT3_3 24100	31.25 1.40 -8.36	28.02 1.33 -5.21	25.62 1.14 -4.44	24.62 0.99 -4.53	23.72 0.88 -1.40	25.56 0.86 -3.22	29.37 1.10 -3.20	34.88 1.43 -7.90	35.66 1.80 -5.72	36.26 1.90 -5.19	34.85 1.77 -7.40	35.95 1.86 -8.55	36.02 1.76 -10.50	35.72 1.44 -12.16	36.31 1.44 -13.34	35.45 1.45 -12.02	38.65 1.50 -14.70	41.14 1.50 -16.59	37.49 1.54 -11.90	37.67 1.50 -11.89	33.21 1.54 -5.63	28.79 1.22 -4.55	27.06 1.08 -4.48	24.77 0.99 -2.29
ASTORIA_GT3_4 24101	31.25 1.40 -8.36	28.02 1.33 -5.21	25.62 1.14 -4.44	24.62 0.99 -4.53	23.72 0.88 -1.40	25.56 0.86 -3.22	29.37 1.10 -3.20	34.88 1.43 -7.90	35.66 1.80 -5.72	36.26 1.90 -5.19	34.85 1.77 -7.40	35.95 1.86 -8.55	36.02 1.76 -10.50	35.72 1.44 -12.16	36.31 1.44 -13.34	35.45 1.45 -12.02	38.65 1.50 -14.70	41.14 1.50 -16.59	37.49 1.54 -11.90	37.67 1.50 -11.89	33.21 1.54 -5.63	28.79 1.22 -4.55	27.06 1.08 -4.48	24.77 0.99 -2.29
ASTORIA_GT4_1 24102	31.25 1.40 -8.36	28.02 1.33 -5.21	25.62 1.14 -4.44	24.62 0.99 -4.53	23.72 0.88 -1.40	25.56 0.86 -3.22	29.37 1.10 -3.20	34.88 1.43 -7.90	35.66 1.80 -5.72	36.26 1.90 -5.19	34.85 1.77 -7.40	35.95 1.86 -8.55	36.02 1.76 -10.50	35.72 1.44 -12.16	36.31 1.44 -13.34	35.45 1.45 -12.02	38.65 1.50 -14.70	41.14 1.50 -16.59	37.49 1.54 -11.90	37.67 1.50 -11.89	33.21 1.54 -5.63	28.79 1.22 -4.55	27.06 1.08 -4.48	24.77 0.99 -2.29
ASTORIA_GT4_2 24103	31.25 1.40 -8.36	28.02 1.33 -5.21	25.62 1.14 -4.44	24.62 0.99 -4.53	23.72 0.88 -1.40	25.56 0.86 -3.22	29.37 1.10 -3.20	34.88 1.43 -7.90	35.66 1.80 -5.72	36.26 1.90 -5.19	34.85 1.77 -7.40	35.95 1.86 -8.55	36.02 1.76 -10.50	35.72 1.44 -12.16	36.31 1.44 -13.34	35.45 1.45 -12.02	38.65 1.50 -14.70	41.14 1.50 -16.59	37.49 1.54 -11.90	37.67 1.50 -11.89	33.21 1.54 -5.63	28.79 1.22 -4.55	27.06 1.08 -4.48	24.77 0.99 -2.29
ASTORIA_GT4_3 24104	31.25 1.40 -8.36	28.02 1.33 -5.21	25.62 1.14 -4.44	24.62 0.99 -4.53	23.72 0.88 -1.40	25.56 0.86 -3.22	29.37 1.10 -3.20	34.88 1.43 -7.90	35.66 1.80 -5.72	36.26 1.90 -5.19	34.85 1.77 -7.40	35.95 1.86 -8.55	36.02 1.76 -10.50	35.72 1.44 -12.16	36.31 1.44 -13.34	35.45 1.45 -12.02	38.65 1.50 -14.70	41.14 1.50 -16.59	37.49 1.54 -11.90	37.67 1.50 -11.89	33.21 1.54 -5.63	28.79 1.22 -4.55	27.06 1.08 -4.48	24.77 0.99 -2.29
ASTORIA_GT4_4 24105	31.25 1.40 -8.36	28.02 1.33 -5.21	25.62 1.14 -4.44	24.62 0.99 -4.53	23.72 0.88 -1.40	25.56 0.86 -3.22	29.37 1.10 -3.20	34.88 1.43 -7.90	35.66 1.80 -5.72	36.26 1.90 -5.19	34.85 1.77 -7.40	35.95 1.86 -8.55	36.02 1.76 -10.50	35.72 1.44 -12.16	36.31 1.44 -13.34	35.45 1.45 -12.02	38.65 1.50 -14.70	41.14 1.50 -16.59	37.49 1.54 -11.90	37.67 1.50 -11.89	33.21 1.54 -5.63	28.79 1.22 -4.55	27.06 1.08 -4.48	24.77 0.99 -2.29
ASTORIA_GT_1 23523	31.29 1.44 -8.36	28.05 1.35 -5.21	25.64 1.16 -4.44	24.66 1.03 -4.53	23.72 0.88 -1.40	25.58 0.88 -3.22	29.39 1.13 -3.20	34.91 1.51 -7.85	35.70 1.86 -5.70	36.30 1.95 -5.17	34.92 1.85 -7.38	35.99 1.92 -8.54	36.08 1.81 -10.52	35.78 1.48 -12.18	36.36 1.48 -13.35	35.44 1.50 -11.97	38.64 1.57 -14.62	40.99 1.43 -16.51	37.49 1.61 -11.83	37.71 1.55 -11.89	33.26 1.59 -5.62	28.84 1.27 -4.55	27.10 1.12 -4.48	24.81 1.03 -2.29

ASTORIA_GT_10 24110	31.22 1.38 -8.36	28.00 1.31 -5.21	25.62 1.14 -4.44	24.64 1.01 -4.53	23.83 0.99 -1.40	25.69 0.99 -3.22	29.49 1.23 -3.20	35.03 1.58 -7.90	35.80 1.94 -5.72	36.41 2.04 -5.19	34.98 1.90 -7.40	36.03 1.94 -8.55	36.12 1.85 -10.50	35.83 1.55 -12.16	36.42 1.55 -13.34	35.58 1.58 -12.02	38.79 1.64 -14.70	41.26 1.61 -16.59	37.63 1.68 -11.90	37.79 1.63 -11.89	33.37 1.69 -5.63	28.95 1.38 -4.55	27.15 1.16 -4.48	24.85 1.07 -2.29
ASTORIA_GT_11 24225	31.22 1.38 -8.36	28.00 1.31 -5.21	25.62 1.14 -4.44	24.64 1.01 -4.53	23.83 0.99 -1.40	25.69 0.99 -3.22	29.49 1.23 -3.20	35.03 1.58 -7.90	35.80 1.94 -5.72	36.41 2.04 -5.19	34.98 1.90 -7.40	36.03 1.94 -8.55	36.12 1.85 -10.50	35.83 1.55 -12.16	36.42 1.55 -13.34	35.58 1.58 -12.02	38.79 1.64 -14.70	41.26 1.61 -16.59	37.63 1.68 -11.90	37.79 1.63 -11.89	33.37 1.69 -5.63	28.95 1.38 -4.55	27.15 1.16 -4.48	24.85 1.07 -2.29
ASTORIA_GT_12 24226	31.22 1.38 -8.36	28.00 1.31 -5.21	25.62 1.14 -4.44	24.64 1.01 -4.53	23.83 0.99 -1.40	25.69 0.99 -3.22	29.49 1.23 -3.20	35.03 1.58 -7.90	35.80 1.94 -5.72	36.41 2.04 -5.19	34.98 1.90 -7.40	36.03 1.94 -8.55	36.12 1.85 -10.50	35.83 1.55 -12.16	36.42 1.55 -13.34	35.58 1.58 -12.02	38.79 1.64 -14.70	41.26 1.61 -16.59	37.63 1.68 -11.90	37.79 1.63 -11.89	33.37 1.69 -5.63	28.95 1.38 -4.55	27.15 1.16 -4.48	24.85 1.07 -2.29
ASTORIA_GT_13 24227	31.22 1.38 -8.36	28.00 1.31 -5.21	25.62 1.14 -4.44	24.64 1.01 -4.53	23.83 0.99 -1.40	25.69 0.99 -3.22	29.49 1.23 -3.20	35.03 1.58 -7.90	35.80 1.94 -5.72	36.41 2.04 -5.19	34.98 1.90 -7.40	36.03 1.94 -8.55	36.12 1.85 -10.50	35.83 1.55 -12.16	36.42 1.55 -13.34	35.58 1.58 -12.02	38.79 1.64 -14.70	41.26 1.61 -16.59	37.63 1.68 -11.90	37.79 1.63 -11.89	33.37 1.69 -5.63	28.95 1.38 -4.55	27.15 1.16 -4.48	24.85 1.07 -2.29
ASTORIA_GT_5 24106	31.29 1.44 -8.36	28.05 1.35 -5.21	25.64 1.16 -4.44	24.66 1.03 -4.53	23.72 0.88 -1.40	25.58 0.88 -3.22	29.39 1.13 -3.20	34.91 1.51 -7.85	35.70 1.86 -5.70	36.30 1.95 -5.17	34.92 1.85 -7.38	35.99 1.92 -8.54	36.08 1.81 -10.52	35.78 1.48 -12.18	36.36 1.48 -13.35	35.44 1.50 -11.97	38.64 1.57 -14.62	40.99 1.43 -16.51	37.49 1.61 -11.83	37.71 1.55 -11.89	33.26 1.59 -5.62	28.84 1.27 -4.55	27.10 1.12 -4.48	24.81 1.03 -2.29
ASTORIA_GT_7 24107	31.29 1.44 -8.36	28.05 1.35 -5.21	25.64 1.16 -4.44	24.66 1.03 -4.53	23.72 0.88 -1.40	25.58 0.88 -3.22	29.39 1.13 -3.20	34.91 1.51 -7.85	35.70 1.86 -5.70	36.30 1.95 -5.17	34.92 1.85 -7.38	35.99 1.92 -8.54	36.08 1.81 -10.52	35.78 1.48 -12.18	36.36 1.48 -13.35	35.44 1.50 -11.97	38.64 1.57 -14.62	40.99 1.43 -16.51	37.49 1.61 -11.83	37.71 1.55 -11.89	33.26 1.59 -5.62	28.84 1.27 -4.55	27.10 1.12 -4.48	24.81 1.03 -2.29
ASTORIA_GT_8 24108	31.29 1.44 -8.36	28.05 1.35 -5.21	25.64 1.16 -4.44	24.66 1.03 -4.53	23.76 0.92 -1.40	25.60 0.90 -3.22	29.39 1.13 -3.20	34.95 1.51 -7.90	35.72 1.86 -5.72	36.32 1.95 -5.19	34.90 1.82 -7.40	36.01 1.92 -8.55	36.07 1.81 -10.50	35.76 1.48 -12.16	36.35 1.49 -13.34	35.49 1.49 -12.02	38.72 1.57 -14.70	41.19 1.54 -16.59	37.56 1.61 -11.90	37.72 1.55 -11.89	33.26 1.59 -5.63	28.84 1.27 -4.55	27.10 1.12 -4.48	24.81 1.03 -2.29
ASTORIA___2 24149	31.24 1.40 -8.36	28.00 1.31 -5.21	25.62 1.14 -4.44	24.62 0.99 -4.53	23.70 0.86 -1.40	25.54 0.84 -3.22	29.37 1.10 -3.20	34.83 1.43 -7.85	35.65 1.80 -5.70	36.24 1.90 -5.17	34.84 1.77 -7.38	35.94 1.86 -8.54	36.01 1.73 -10.52	35.74 1.44 -12.18	36.32 1.44 -13.35	35.39 1.45 -11.97	38.58 1.50 -14.62	40.94 1.38 -16.51	37.42 1.54 -11.83	37.66 1.51 -11.89	33.20 1.54 -5.62	28.79 1.22 -4.55	27.06 1.07 -4.48	24.77 0.99 -2.29
ASTORIA___3 23516	31.23 1.38 -8.36	28.00 1.31 -5.21	25.62 1.14 -4.44	24.64 1.01 -4.53	23.81 0.97 -1.40	25.67 0.97 -3.22	29.49 1.23 -3.20	34.99 1.58 -7.86	35.79 1.94 -5.71	36.40 2.04 -5.18	34.97 1.90 -7.38	36.02 1.94 -8.54	36.13 1.85 -10.52	35.85 1.55 -12.18	36.44 1.55 -13.36	35.53 1.58 -11.97	38.72 1.64 -14.63	41.13 1.57 -16.51	37.57 1.68 -11.84	37.79 1.63 -11.89	33.37 1.69 -5.63	28.95 1.38 -4.55	27.15 1.16 -4.48	24.85 1.07 -2.29
ASTORIA___4 23517	31.22 1.38 -8.36	28.00 1.31 -5.21	25.62 1.14 -4.44	24.64 1.01 -4.53	23.83 0.99 -1.40	25.69 0.99 -3.22	29.49 1.23 -3.20	35.03 1.58 -7.90	35.80 1.94 -5.72	36.41 2.04 -5.19	34.98 1.90 -7.40	36.03 1.94 -8.55	36.12 1.85 -10.50	35.83 1.55 -12.16	36.42 1.55 -13.34	35.58 1.58 -12.02	38.79 1.64 -14.70	41.26 1.61 -16.59	37.63 1.68 -11.90	37.79 1.63 -11.89	33.37 1.69 -5.63	28.95 1.38 -4.55	27.15 1.16 -4.48	24.85 1.07 -2.29
ASTORIA___5 23518	31.23 1.38 -8.36	28.00 1.31 -5.21	25.62 1.14 -4.44	24.64 1.01 -4.53	23.81 0.97 -1.40	25.67 0.97 -3.22	29.49 1.23 -3.20	34.99 1.58 -7.86	35.79 1.94 -5.71	36.40 2.04 -5.18	34.97 1.90 -7.38	36.02 1.94 -8.54	36.13 1.85 -10.52	35.85 1.55 -12.18	36.44 1.55 -13.36	35.53 1.58 -11.97	38.72 1.64 -14.63	41.13 1.57 -16.51	37.57 1.68 -11.84	37.79 1.63 -11.89	33.37 1.69 -5.63	28.95 1.38 -4.55	27.15 1.16 -4.48	24.85 1.07 -2.29
AST_ENERGY_2_CC3 323677	31.18 1.33 -8.36	27.98 1.29 -5.21	25.62 1.14 -4.44	24.64 1.01 -4.53	23.85 1.01 -1.40	25.75 1.05 -3.22	29.54 1.28 -3.20	35.02 1.61 -7.86	35.77 1.91 -5.71	36.37 2.01 -5.18	34.92 1.85 -7.38	35.92 1.84 -8.54	36.06 1.78 -10.52	35.81 1.51 -12.18	36.39 1.51 -13.36	35.48 1.54 -11.97	38.69 1.62 -14.63	41.15 1.59 -16.51	37.53 1.64 -11.84	37.79 1.63 -11.89	33.39 1.72 -5.63	29.00 1.43 -4.55	27.19 1.20 -4.48	24.87 1.10 -2.29
AST_ENERGY_2_CC4 323678	31.18 1.33 -8.36	27.98 1.29 -5.21	25.62 1.14 -4.44	24.64 1.01 -4.53	23.85 1.01 -1.40	25.75 1.05 -3.22	29.54 1.28 -3.20	35.02 1.61 -7.86	35.77 1.91 -5.71	36.37 2.01 -5.18	34.92 1.85 -7.38	35.92 1.84 -8.54	36.06 1.78 -10.52	35.81 1.51 -12.18	36.39 1.51 -13.36	35.48 1.54 -11.97	38.69 1.62 -14.63	41.15 1.59 -16.51	37.53 1.64 -11.84	37.79 1.63 -11.89	33.39 1.72 -5.63	29.00 1.43 -4.55	27.19 1.20 -4.48	24.87 1.10 -2.29
ATHENS_STG_1 23668	32.22 0.86 -9.87	28.50 0.84 -6.17	26.08 0.78 -5.26	25.19 0.73 -5.38	23.90 0.79 -1.66	26.12 0.82 -3.81	29.81 0.95 -3.80	35.88 1.00 -9.34	36.03 1.10 -6.78	36.47 1.14 -6.16	35.46 1.00 -8.78	36.71 1.02 -10.15	37.23 0.97 -12.49	37.45 0.86 -14.46	38.26 0.86 -15.86	37.09 0.90 -14.21	40.74 0.92 -17.37	43.59 0.92 -19.61	39.08 0.96 -14.07	39.32 0.95 -14.10	33.74 1.01 -6.68	29.34 0.92 -5.39	27.61 0.80 -5.31	24.98 0.77 -2.72
ATHENS_STG_2 23670	32.22 0.86 -9.87	28.50 0.84 -6.17	26.08 0.78 -5.26	25.19 0.73 -5.38	23.90 0.79 -1.66	26.12 0.82 -3.81	29.81 0.95 -3.80	35.88 1.00 -9.34	36.03 1.10 -6.78	36.47 1.14 -6.16	35.46 1.00 -8.78	36.71 1.02 -10.15	37.23 0.97 -12.49	37.45 0.86 -14.46	38.26 0.86 -15.86	37.09 0.90 -14.21	40.74 0.92 -17.37	43.59 0.92 -19.61	39.08 0.96 -14.07	39.32 0.95 -14.10	33.74 1.01 -6.68	29.34 0.92 -5.39	27.61 0.80 -5.31	24.98 0.77 -2.72

ATHENS_STG_3 23677	32.22 0.86 -9.87	28.50 0.84 -6.17	26.08 0.78 -5.26	25.19 0.73 -5.38	23.90 0.79 -1.66	26.12 0.82 -3.81	29.81 0.95 -3.80	35.88 1.00 -9.34	36.03 1.10 -6.78	36.47 1.14 -6.16	35.46 1.00 -8.78	36.71 1.02 -10.15	37.23 0.97 -12.49	37.45 0.86 -14.46	38.26 0.86 -15.86	37.09 0.90 -14.21	40.74 0.92 -17.37	43.59 0.92 -19.61	39.08 0.96 -14.07	39.32 0.95 -14.10	33.74 1.01 -6.68	29.34 0.92 -5.39	27.61 0.80 -5.31	24.98 0.77 -2.72
AUBURN___LFGE 323710	22.41 0.32 -0.61	22.21 0.34 -0.38	20.60 0.24 -0.32	19.67 0.25 -0.33	21.72 0.17 -0.10	22.11 0.39 -0.23	25.80 0.50 -0.23	26.61 0.49 -0.58	29.04 0.45 -0.45	30.11 0.53 -0.41	26.67 0.41 -0.58	26.64 0.43 -0.67	24.97 0.38 -0.83	23.50 0.42 -0.96	22.92 0.34 -1.05	23.29 0.44 -0.88	23.95 0.43 -1.07	24.77 0.51 -1.21	25.37 0.46 -0.87	25.67 0.53 -0.87	27.00 0.55 -0.41	23.88 0.53 -0.33	22.24 0.41 -0.33	22.02 0.37 -0.17
BABYLON_RES_REC 323704	34.82 2.02 -11.31	29.70 1.98 -6.24	30.31 1.80 -8.47	27.55 1.68 -6.78	24.62 1.76 -1.42	26.53 1.83 -3.22	31.58 2.01 -4.51	35.61 2.20 -7.87	36.25 2.39 -5.71	36.99 2.63 -5.19	35.46 2.26 -7.52	36.48 2.27 -8.67	36.58 2.16 -10.65	38.10 1.95 -14.03	36.85 1.96 -13.36	36.15 1.98 -12.20	39.22 2.11 -14.65	41.73 2.14 -16.53	38.09 2.19 -11.85	38.30 2.14 -11.90	36.15 2.26 -7.84	33.20 2.12 -8.06	30.99 1.96 -7.53	28.17 1.91 -4.77
BABYLON__69_KV_BK2 356345	35.12 2.32 -11.32	30.02 2.30 -6.24	30.59 2.08 -8.47	27.80 1.93 -6.78	24.94 2.08 -1.42	26.83 2.13 -3.22	32.08 2.51 -4.51	36.18 2.73 -7.91	36.88 3.01 -5.72	37.62 3.24 -5.20	36.02 2.80 -7.54	37.06 2.83 -8.69	37.11 2.71 -10.64	38.57 2.43 -14.01	37.31 2.43 -13.34	36.68 2.44 -12.27	39.77 2.58 -14.73	42.29 2.63 -16.61	38.66 2.69 -11.92	38.89 2.72 -11.90	36.79 2.89 -7.85	34.16 2.44 -8.70	31.30 2.26 -7.54	28.49 2.23 -4.77
BALL_HILL_WT_PWR 323825	22.17 -0.06 -0.75	21.91 -0.04 -0.47	20.26 -0.18 -0.40	19.35 -0.15 -0.41	21.33 -0.24 -0.13	21.82 0.04 -0.29	25.35 0.00 -0.29	25.98 -0.28 -0.71	28.19 -0.51 -0.55	29.06 -0.61 -0.50	25.88 -0.51 -0.71	25.80 -0.56 -0.82	24.35 -0.43 -1.01	23.12 -0.18 -1.17	22.64 -0.17 -1.28	22.99 -0.07 -1.08	23.55 -0.22 -1.32	24.34 -0.21 -1.50	24.74 -0.38 -1.07	25.03 -0.32 -1.07	26.29 -0.26 -0.51	23.52 0.09 -0.41	21.85 -0.06 -0.40	21.78 0.09 -0.21
BARON_WINDS___WT_PWR 323822	22.49 0.04 -0.96	22.11 0.02 -0.60	20.49 -0.06 -0.51	19.58 -0.04 -0.53	21.54 -0.06 -0.16	21.90 0.04 -0.37	25.64 0.20 -0.37	26.57 0.05 -0.97	28.71 -0.14 -0.71	29.61 -0.20 -0.64	26.39 -0.21 -0.91	26.36 -0.23 -1.06	24.90 -0.17 -1.30	23.65 0.02 -1.51	23.16 -0.02 -1.65	23.52 0.07 -1.48	24.26 0.00 -1.81	25.14 0.05 -2.04	25.44 -0.07 -1.47	25.65 0.00 -1.38	26.78 0.08 -0.65	23.80 0.25 -0.53	22.11 0.09 -0.52	21.84 0.09 -0.27
BARRETT_IC_1 23704	34.50 1.70 -11.32	29.41 1.68 -6.24	30.04 1.52 -8.48	27.27 1.39 -6.79	24.35 1.48 -1.42	26.26 1.55 -3.22	31.43 1.85 -4.51	35.46 2.04 -7.87	36.13 2.28 -5.71	36.87 2.51 -5.19	35.34 2.13 -7.52	36.36 2.15 -8.68	36.47 2.04 -10.66	37.97 1.81 -14.03	36.75 1.85 -13.37	36.04 1.87 -12.20	39.06 1.95 -14.66	41.57 1.98 -16.54	37.95 2.04 -11.86	38.14 1.96 -11.90	35.95 2.06 -7.85	32.49 1.75 -7.72	30.67 1.63 -7.53	27.83 1.57 -4.78
BARRETT_IC_10 23701	34.50 1.70 -11.32	29.41 1.68 -6.24	30.04 1.52 -8.48	27.27 1.39 -6.79	24.35 1.48 -1.42	26.26 1.55 -3.22	31.43 1.85 -4.51	35.46 2.04 -7.87	36.13 2.28 -5.71	36.87 2.51 -5.19	35.34 2.13 -7.52	36.36 2.15 -8.68	36.47 2.04 -10.66	37.97 1.81 -14.03	36.75 1.85 -13.37	36.04 1.87 -12.20	39.06 1.95 -14.66	41.57 1.98 -16.54	37.95 2.04 -11.86	38.14 1.96 -11.90	35.95 2.06 -7.85	32.49 1.75 -7.72	30.67 1.63 -7.53	27.83 1.57 -4.78
BARRETT_IC_11 23702	34.50 1.70 -11.32	29.41 1.68 -6.24	30.04 1.52 -8.48	27.27 1.39 -6.79	24.35 1.48 -1.42	26.26 1.55 -3.22	31.43 1.85 -4.51	35.46 2.04 -7.87	36.13 2.28 -5.71	36.87 2.51 -5.19	35.34 2.13 -7.52	36.36 2.15 -8.68	36.47 2.04 -10.66	37.97 1.81 -14.03	36.75 1.85 -13.37	36.04 1.87 -12.20	39.06 1.95 -14.66	41.57 1.98 -16.54	37.95 2.04 -11.86	38.14 1.96 -11.90	35.95 2.06 -7.85	32.49 1.75 -7.72	30.67 1.63 -7.53	27.83 1.57 -4.78
BARRETT_IC_12 23703	34.50 1.70 -11.32	29.41 1.68 -6.24	30.04 1.52 -8.48	27.27 1.39 -6.79	24.35 1.48 -1.42	26.26 1.55 -3.22	31.43 1.85 -4.51	35.46 2.04 -7.87	36.13 2.28 -5.71	36.87 2.51 -5.19	35.34 2.13 -7.52	36.36 2.15 -8.68	36.47 2.04 -10.66	37.97 1.81 -14.03	36.75 1.85 -13.37	36.04 1.87 -12.20	39.06 1.95 -14.66	41.57 1.98 -16.54	37.95 2.04 -11.86	38.14 1.96 -11.90	35.95 2.06 -7.85	32.49 1.75 -7.72	30.67 1.63 -7.53	27.83 1.57 -4.78
BARRETT_IC_2 23705	34.50 1.70 -11.32	29.41 1.68 -6.24	30.04 1.52 -8.48	27.27 1.39 -6.79	24.35 1.48 -1.42	26.26 1.55 -3.22	31.43 1.85 -4.51	35.46 2.04 -7.87	36.13 2.28 -5.71	36.87 2.51 -5.19	35.34 2.13 -7.52	36.36 2.15 -8.68	36.47 2.04 -10.66	37.97 1.81 -14.03	36.75 1.85 -13.37	36.04 1.87 -12.20	39.06 1.95 -14.66	41.57 1.98 -16.54	37.95 2.04 -11.86	38.14 1.96 -11.90	35.95 2.06 -7.85	32.49 1.75 -7.72	30.67 1.63 -7.53	27.83 1.57 -4.78
BARRETT_IC_3 23706	34.50 1.70 -11.32	29.41 1.68 -6.24	30.04 1.52 -8.48	27.27 1.39 -6.79	24.35 1.48 -1.42	26.26 1.55 -3.22	31.43 1.85 -4.51	35.46 2.04 -7.87	36.13 2.28 -5.71	36.87 2.51 -5.19	35.34 2.13 -7.52	36.36 2.15 -8.68	36.47 2.04 -10.66	37.97 1.81 -14.03	36.75 1.85 -13.37	36.04 1.87 -12.20	39.06 1.95 -14.66	41.57 1.98 -16.54	37.95 2.04 -11.86	38.14 1.96 -11.90	35.95 2.06 -7.85	32.49 1.75 -7.72	30.67 1.63 -7.53	27.83 1.57 -4.78
BARRETT_IC_4 23707	34.50 1.70 -11.32	29.41 1.68 -6.24	30.04 1.52 -8.48	27.27 1.39 -6.79	24.35 1.48 -1.42	26.26 1.55 -3.22	31.43 1.85 -4.51	35.46 2.04 -7.87	36.13 2.28 -5.71	36.87 2.51 -5.19	35.34 2.13 -7.52	36.36 2.15 -8.68	36.47 2.04 -10.66	37.97 1.81 -14.03	36.75 1.85 -13.37	36.04 1.87 -12.20	39.06 1.95 -14.66	41.57 1.98 -16.54	37.95 2.04 -11.86	38.14 1.96 -11.90	35.95 2.06 -7.85	32.49 1.75 -7.72	30.67 1.63 -7.53	27.83 1.57 -4.78
BARRETT_IC_5 23708	34.50 1.70 -11.32	29.41 1.68 -6.24	30.04 1.52 -8.48	27.27 1.39 -6.79	24.35 1.48 -1.42	26.26 1.55 -3.22	31.43 1.85 -4.51	35.46 2.04 -7.87	36.13 2.28 -5.71	36.87 2.51 -5.19	35.34 2.13 -7.52	36.36 2.15 -8.68	36.47 2.04 -10.66	37.97 1.81 -14.03	36.75 1.85 -13.37	36.04 1.87 -12.20	39.06 1.95 -14.66	41.57 1.98 -16.54	37.95 2.04 -11.86	38.14 1.96 -11.90	35.95 2.06 -7.85	32.49 1.75 -7.72	30.67 1.63 -7.53	27.83 1.57 -4.78
BARRETT_IC_6 23709	34.50 1.70 -11.32	29.41 1.68 -6.24	30.04 1.52 -8.48	27.27 1.39 -6.79	24.35 1.48 -1.42	26.26 1.55 -3.22	31.43 1.85 -4.51	35.46 2.04 -7.87	36.13 2.28 -5.71	36.87 2.51 -5.19	35.34 2.13 -7.52	36.36 2.15 -8.68	36.47 2.04 -10.66	37.97 1.81 -14.03	36.75 1.85 -13.37	36.04 1.87 -12.20	39.06 1.95 -14.66	41.57 1.98 -16.54	37.95 2.04 -11.86	38.14 1.96 -11.90	35.95 2.06 -7.85	32.49 1.75 -7.72	30.67 1.63 -7.53	27.83 1.57 -4.78

BARRETT_IC_7 23710	34.50 1.70 -11.31	29.42 1.70 -6.24	30.03 1.52 -8.47	27.27 1.39 -6.78	24.36 1.50 -1.42	26.25 1.55 -3.22	31.43 1.85 -4.51	35.49 2.04 -7.90	36.17 2.31 -5.72	36.87 2.51 -5.19	35.34 2.13 -7.53	36.37 2.15 -8.69	36.44 2.04 -10.63	37.95 1.81 -14.01	36.72 1.85 -13.34	36.12 1.89 -12.25	39.13 1.95 -14.72	41.63 1.98 -16.60	38.00 2.04 -11.90	38.16 1.99 -11.90	35.97 2.08 -7.84	32.48 1.75 -7.71	30.66 1.63 -7.52	27.84 1.59 -4.77
BARRETT_IC_8 23711	34.50 1.70 -11.32	29.41 1.68 -6.24	30.04 1.52 -8.48	27.27 1.39 -6.79	24.35 1.48 -1.42	26.26 1.55 -3.22	31.43 1.85 -4.51	35.46 2.04 -7.87	36.13 2.28 -5.71	36.87 2.51 -5.19	35.34 2.13 -7.52	36.36 2.15 -8.68	36.47 2.04 -10.66	37.97 1.81 -14.03	36.75 1.85 -13.37	36.04 1.87 -12.20	39.06 1.95 -14.66	41.57 1.98 -16.54	37.95 2.04 -11.86	38.14 1.96 -11.90	35.95 2.06 -7.85	32.49 1.75 -7.72	30.67 1.63 -7.53	27.83 1.57 -4.78
BARRETT_IC_9 23700	34.50 1.70 -11.32	29.41 1.68 -6.24	30.04 1.52 -8.48	27.27 1.39 -6.79	24.35 1.48 -1.42	26.26 1.55 -3.22	31.43 1.85 -4.51	35.46 2.04 -7.87	36.13 2.28 -5.71	36.87 2.51 -5.19	35.34 2.13 -7.52	36.36 2.15 -8.68	36.47 2.04 -10.66	37.97 1.81 -14.03	36.75 1.85 -13.37	36.04 1.87 -12.20	39.06 1.95 -14.66	41.57 1.98 -16.54	37.95 2.04 -11.86	38.14 1.96 -11.90	35.95 2.06 -7.85	32.49 1.75 -7.72	30.67 1.63 -7.53	27.83 1.57 -4.78
BARRETT___1 23545	34.50 1.70 -11.32	29.41 1.68 -6.24	30.04 1.52 -8.48	27.27 1.39 -6.79	24.35 1.48 -1.42	26.26 1.55 -3.22	31.43 1.85 -4.51	35.46 2.04 -7.87	36.13 2.28 -5.71	36.87 2.51 -5.19	35.34 2.13 -7.52	36.36 2.15 -8.68	36.47 2.04 -10.66	37.97 1.81 -14.03	36.75 1.85 -13.37	36.04 1.87 -12.20	39.06 1.95 -14.66	41.57 1.98 -16.54	37.95 2.04 -11.86	38.14 1.96 -11.90	35.95 2.06 -7.85	32.49 1.75 -7.72	30.67 1.63 -7.53	27.83 1.57 -4.78
BARRETT___2 23546	34.50 1.70 -11.32	29.41 1.68 -6.24	30.04 1.52 -8.48	27.27 1.39 -6.79	24.35 1.48 -1.42	26.26 1.55 -3.22	31.43 1.85 -4.51	35.46 2.04 -7.87	36.13 2.28 -5.71	36.87 2.51 -5.19	35.34 2.13 -7.52	36.36 2.15 -8.68	36.47 2.04 -10.66	37.97 1.81 -14.03	36.75 1.85 -13.37	36.04 1.87 -12.20	39.06 1.95 -14.66	41.57 1.98 -16.54	37.95 2.04 -11.86	38.14 1.96 -11.90	35.95 2.06 -7.85	32.49 1.75 -7.72	30.67 1.63 -7.53	27.83 1.57 -4.78
BATAVIA___115KV_TB1 55881	22.50 0.37 -0.65	22.24 0.34 -0.41	20.65 0.26 -0.35	19.67 0.23 -0.35	21.79 0.24 -0.11	22.21 0.47 -0.25	25.89 0.58 -0.25	26.36 0.20 -0.62	28.68 0.06 -0.48	29.52 -0.09 -0.43	26.22 -0.08 -0.61	26.12 -0.13 -0.71	24.66 0.02 -0.87	23.36 0.22 -1.01	22.79 0.15 -1.11	23.18 0.26 -0.94	23.69 0.09 -1.14	24.48 0.14 -1.29	25.07 0.10 -0.93	25.39 0.19 -0.93	26.80 0.31 -0.44	23.91 0.53 -0.35	22.20 0.34 -0.35	22.18 0.52 -0.18
BAYONEEC___CTG1 323682	31.23 1.38 -8.36	28.00 1.31 -5.21	25.64 1.16 -4.44	24.64 1.01 -4.53	23.87 1.03 -1.40	25.75 1.05 -3.22	29.59 1.33 -3.20	35.04 1.64 -7.86	35.79 1.94 -5.71	36.40 2.04 -5.18	34.92 1.85 -7.38	35.92 1.84 -8.54	36.06 1.78 -10.52	35.81 1.51 -12.18	36.39 1.51 -13.36	35.48 1.54 -11.97	38.69 1.62 -14.63	41.15 1.59 -16.51	37.55 1.66 -11.84	37.79 1.63 -11.89	33.42 1.75 -5.63	29.02 1.45 -4.55	27.21 1.23 -4.48	24.90 1.12 -2.29
BAYONEEC___CTG10 323750	31.23 1.38 -8.36	28.00 1.31 -5.21	25.64 1.16 -4.44	24.64 1.01 -4.53	23.87 1.03 -1.40	25.75 1.05 -3.22	29.59 1.33 -3.20	35.04 1.64 -7.86	35.79 1.94 -5.71	36.40 2.04 -5.18	34.92 1.85 -7.38	35.92 1.84 -8.54	36.06 1.78 -10.52	35.81 1.51 -12.18	36.39 1.51 -13.36	35.48 1.54 -11.97	38.69 1.62 -14.63	41.15 1.59 -16.51	37.55 1.66 -11.84	37.79 1.63 -11.89	33.42 1.75 -5.63	29.02 1.45 -4.55	27.21 1.23 -4.48	24.90 1.12 -2.29
BAYONEEC___CTG2 323683	31.23 1.38 -8.36	28.00 1.31 -5.21	25.64 1.16 -4.44	24.64 1.01 -4.53	23.87 1.03 -1.40	25.75 1.05 -3.22	29.59 1.33 -3.20	35.04 1.64 -7.86	35.79 1.94 -5.71	36.40 2.04 -5.18	34.92 1.85 -7.38	35.92 1.84 -8.54	36.06 1.78 -10.52	35.81 1.51 -12.18	36.39 1.51 -13.36	35.48 1.54 -11.97	38.69 1.62 -14.63	41.15 1.59 -16.51	37.55 1.66 -11.84	37.79 1.63 -11.89	33.42 1.75 -5.63	29.02 1.45 -4.55	27.21 1.23 -4.48	24.90 1.12 -2.29
BAYONEEC___CTG3 323684	31.23 1.38 -8.36	28.00 1.31 -5.21	25.64 1.16 -4.44	24.64 1.01 -4.53	23.87 1.03 -1.40	25.75 1.05 -3.22	29.59 1.33 -3.20	35.04 1.64 -7.86	35.79 1.94 -5.71	36.40 2.04 -5.18	34.92 1.85 -7.38	35.92 1.84 -8.54	36.06 1.78 -10.52	35.81 1.51 -12.18	36.39 1.51 -13.36	35.48 1.54 -11.97	38.69 1.62 -14.63	41.15 1.59 -16.51	37.55 1.66 -11.84	37.79 1.63 -11.89	33.42 1.75 -5.63	29.02 1.45 -4.55	27.21 1.23 -4.48	24.90 1.12 -2.29
BAYONEEC___CTG4 323685	31.23 1.38 -8.36	28.00 1.31 -5.21	25.64 1.16 -4.44	24.64 1.01 -4.53	23.87 1.03 -1.40	25.75 1.05 -3.22	29.59 1.33 -3.20	35.04 1.64 -7.86	35.79 1.94 -5.71	36.40 2.04 -5.18	34.92 1.85 -7.38	35.92 1.84 -8.54	36.06 1.78 -10.52	35.81 1.51 -12.18	36.39 1.51 -13.36	35.48 1.54 -11.97	38.69 1.62 -14.63	41.15 1.59 -16.51	37.55 1.66 -11.84	37.79 1.63 -11.89	33.42 1.75 -5.63	29.02 1.45 -4.55	27.21 1.23 -4.48	24.90 1.12 -2.29
BAYONEEC___CTG5 323686	31.23 1.38 -8.36	28.00 1.31 -5.21	25.64 1.16 -4.44	24.64 1.01 -4.53	23.87 1.03 -1.40	25.75 1.05 -3.22	29.59 1.33 -3.20	35.04 1.64 -7.86	35.79 1.94 -5.71	36.40 2.04 -5.18	34.92 1.85 -7.38	35.92 1.84 -8.54	36.06 1.78 -10.52	35.81 1.51 -12.18	36.39 1.51 -13.36	35.48 1.54 -11.97	38.69 1.62 -14.63	41.15 1.59 -16.51	37.55 1.66 -11.84	37.79 1.63 -11.89	33.42 1.75 -5.63	29.02 1.45 -4.55	27.21 1.23 -4.48	24.90 1.12 -2.29
BAYONEEC___CTG6 323687	31.23 1.38 -8.36	28.00 1.31 -5.21	25.64 1.16 -4.44	24.64 1.01 -4.53	23.87 1.03 -1.40	25.75 1.05 -3.22	29.59 1.33 -3.20	35.04 1.64 -7.86	35.79 1.94 -5.71	36.40 2.04 -5.18	34.92 1.85 -7.38	35.92 1.84 -8.54	36.06 1.78 -10.52	35.81 1.51 -12.18	36.39 1.51 -13.36	35.48 1.54 -11.97	38.69 1.62 -14.63	41.15 1.59 -16.51	37.55 1.66 -11.84	37.79 1.63 -11.89	33.42 1.75 -5.63	29.02 1.45 -4.55	27.21 1.23 -4.48	24.90 1.12 -2.29
BAYONEEC___CTG7 323688	31.23 1.38 -8.36	28.00 1.31 -5.21	25.64 1.16 -4.44	24.64 1.01 -4.53	23.87 1.03 -1.40	25.75 1.05 -3.22	29.59 1.33 -3.20	35.04 1.64 -7.86	35.79 1.94 -5.71	36.40 2.04 -5.18	34.92 1.85 -7.38	35.92 1.84 -8.54	36.06 1.78 -10.52	35.81 1.51 -12.18	36.39 1.51 -13.36	35.48 1.54 -11.97	38.69 1.62 -14.63	41.15 1.59 -16.51	37.55 1.66 -11.84	37.79 1.63 -11.89	33.42 1.75 -5.63	29.02 1.45 -4.55	27.21 1.23 -4.48	24.90 1.12 -2.29
BAYONEEC___CTG8 323689	31.23 1.38 -8.36	28.00 1.31 -5.21	25.64 1.16 -4.44	24.64 1.01 -4.53	23.87 1.03 -1.40	25.75 1.05 -3.22	29.59 1.33 -3.20	35.04 1.64 -7.86	35.79 1.94 -5.71	36.40 2.04 -5.18	34.92 1.85 -7.38	35.92 1.84 -8.54	36.06 1.78 -10.52	35.81 1.51 -12.18	36.39 1.51 -13.36	35.48 1.54 -11.97	38.69 1.62 -14.63	41.15 1.59 -16.51	37.55 1.66 -11.84	37.79 1.63 -11.89	33.42 1.75 -5.63	29.02 1.45 -4.55	27.21 1.23 -4.48	24.90 1.12 -2.29

BAYONEEC___CTG9 323749	31.23 1.38 -8.36	28.00 1.31 -5.21	25.64 1.16 -4.44	24.64 1.01 -4.53	23.87 1.03 -1.40	25.75 1.05 -3.22	29.59 1.33 -3.20	35.04 1.64 -7.86	35.79 1.94 -5.71	36.40 2.04 -5.18	34.92 1.85 -7.38	35.92 1.84 -8.54	36.06 1.78 -10.52	35.81 1.51 -12.18	36.39 1.51 -13.36	35.48 1.54 -11.97	38.69 1.62 -14.63	41.15 1.59 -16.51	37.55 1.66 -11.84	37.79 1.63 -11.89	33.42 1.75 -5.63	29.02 1.45 -4.55	27.21 1.23 -4.48	24.90 1.12 -2.29
BEACON___LESR 323632	32.96 0.90 -10.57	29.05 0.90 -6.66	26.54 0.82 -5.67	25.69 0.80 -5.80	24.20 0.97 -1.79	26.59 0.99 -4.11	30.41 1.25 -4.09	36.90 1.28 -10.08	36.87 1.30 -7.43	37.23 1.31 -6.74	36.52 1.23 -9.61	37.77 1.12 -11.11	38.30 1.07 -13.47	38.76 1.04 -15.59	39.56 0.93 -17.10	38.28 0.97 -15.34	42.12 0.92 -18.74	45.25 1.04 -21.16	40.31 1.08 -15.18	40.54 1.07 -15.21	34.42 1.17 -7.20	29.81 0.97 -5.82	28.01 0.77 -5.72	25.17 0.75 -2.93
BEAVER RIVER___HYD 24048	21.61 -0.06 -0.18	21.36 -0.24 -0.11	19.90 -0.24 -0.10	19.00 -0.19 -0.10	21.47 0.00 -0.03	21.64 0.09 -0.07	25.36 0.23 -0.07	25.86 0.13 -0.19	28.36 0.08 -0.13	29.30 0.00 -0.12	25.83 -0.03 -0.17	25.71 -0.03 -0.20	23.92 -0.09 -0.25	22.17 -0.24 -0.29	21.52 -0.32 -0.31	22.04 -0.22 -0.28	22.64 -0.16 -0.35	23.23 -0.21 -0.39	24.18 -0.14 -0.28	24.41 -0.12 -0.26	26.01 -0.16 -0.12	22.94 -0.18 -0.10	21.37 -0.24 -0.10	21.41 -0.13 -0.05
BEEBEE_GT_13 23619	22.23 0.17 -0.57	22.02 0.17 -0.36	20.47 0.12 -0.31	19.50 0.10 -0.31	21.63 0.09 -0.10	21.97 0.26 -0.22	25.61 0.33 -0.22	26.19 0.10 -0.55	28.57 0.00 -0.42	29.50 -0.06 -0.38	26.20 -0.03 -0.55	26.12 -0.05 -0.63	24.58 0.05 -0.77	23.18 0.15 -0.90	22.58 0.06 -0.98	22.96 0.15 -0.83	23.51 0.04 -1.01	24.27 0.07 -1.15	24.89 0.02 -0.82	25.21 0.12 -0.82	26.62 0.18 -0.39	23.68 0.35 -0.31	22.03 0.22 -0.31	21.97 0.32 -0.16
BENSHRST_27_KV_BENSHRST_1 355998	31.37 1.53 -8.36	28.15 1.46 -5.21	25.74 1.26 -4.44	24.73 1.11 -4.53	23.94 1.09 -1.40	25.78 1.07 -3.22	29.59 1.33 -3.20	35.21 1.76 -7.90	36.03 2.17 -5.72	36.64 2.28 -5.19	35.21 2.13 -7.40	36.26 2.17 -8.55	36.35 2.09 -10.50	36.01 1.73 -12.16	36.61 1.74 -13.34	35.76 1.76 -12.02	39.03 1.89 -14.70	41.53 1.89 -16.59	37.89 1.95 -11.90	38.08 1.92 -11.89	33.58 1.90 -5.63	29.11 1.54 -4.55	27.27 1.29 -4.48	24.96 1.18 -2.29
BETHLEHEM___GRP 23843	32.53 0.45 -10.60	28.61 0.45 -6.67	26.14 0.42 -5.68	25.30 0.40 -5.81	23.73 0.49 -1.79	26.10 0.49 -4.12	29.82 0.65 -4.10	36.33 0.66 -10.12	36.13 0.65 -7.34	36.51 0.67 -6.66	35.79 0.62 -9.49	37.08 0.56 -10.98	37.98 0.55 -13.67	38.50 0.55 -15.83	39.38 0.50 -17.36	37.91 0.53 -15.40	41.77 0.49 -18.82	44.86 0.55 -21.25	39.87 0.58 -15.24	40.06 0.56 -15.23	33.88 0.63 -7.21	29.35 0.51 -5.83	27.61 0.37 -5.73	24.79 0.37 -2.94
BETHLEHEM___GS1 323560	32.53 0.45 -10.60	28.61 0.45 -6.67	26.14 0.42 -5.68	25.30 0.40 -5.81	23.71 0.47 -1.79	26.10 0.49 -4.12	29.81 0.65 -4.10	36.30 0.66 -10.09	36.22 0.65 -7.43	36.59 0.67 -6.75	35.91 0.62 -9.61	37.22 0.56 -11.12	37.80 0.55 -13.49	38.30 0.55 -15.62	39.16 0.50 -17.13	37.86 0.53 -15.36	41.72 0.49 -18.78	44.80 0.55 -21.20	39.83 0.58 -15.20	40.06 0.56 -15.23	33.88 0.62 -7.21	29.35 0.51 -5.83	27.61 0.37 -5.73	24.79 0.36 -2.94
BETHLEHEM___GS2 323561	32.53 0.45 -10.60	28.61 0.45 -6.67	26.14 0.42 -5.68	25.30 0.40 -5.81	23.71 0.47 -1.79	26.10 0.49 -4.12	29.81 0.65 -4.10	36.30 0.66 -10.09	36.22 0.65 -7.43	36.59 0.67 -6.75	35.91 0.62 -9.61	37.22 0.56 -11.12	37.80 0.55 -13.49	38.30 0.55 -15.62	39.16 0.50 -17.13	37.86 0.53 -15.36	41.72 0.49 -18.78	44.80 0.55 -21.20	39.83 0.58 -15.20	40.06 0.56 -15.23	33.88 0.62 -7.21	29.35 0.51 -5.83	27.61 0.37 -5.73	24.79 0.36 -2.94
BETHLEHEM___GS3 323562	32.53 0.45 -10.60	28.61 0.45 -6.67	26.14 0.42 -5.68	25.30 0.40 -5.81	23.71 0.47 -1.79	26.10 0.49 -4.12	29.81 0.65 -4.10	36.30 0.66 -10.09	36.22 0.65 -7.43	36.59 0.67 -6.75	35.91 0.62 -9.61	37.22 0.56 -11.12	37.80 0.55 -13.49	38.30 0.55 -15.62	39.16 0.50 -17.13	37.86 0.53 -15.36	41.72 0.49 -18.78	44.80 0.55 -21.20	39.83 0.58 -15.20	40.06 0.56 -15.23	33.88 0.62 -7.21	29.35 0.51 -5.83	27.61 0.37 -5.73	24.79 0.36 -2.94
BETHLEHEM___STEEL 23779	22.11 -0.11 -0.73	21.86 -0.09 -0.46	20.21 -0.22 -0.39	19.30 -0.19 -0.40	21.31 -0.26 -0.12	21.77 0.00 -0.28	25.30 -0.05 -0.28	25.83 -0.41 -0.69	28.06 -0.62 -0.54	28.90 -0.76 -0.49	25.73 -0.64 -0.69	25.65 -0.69 -0.80	24.23 -0.52 -0.99	23.02 -0.24 -1.14	22.52 -0.26 -1.25	22.88 -0.15 -1.06	23.41 -0.34 -1.29	24.21 -0.30 -1.46	24.64 -0.46 -1.05	24.93 -0.39 -1.05	26.20 -0.34 -0.49	23.40 -0.02 -0.40	21.75 -0.15 -0.39	21.73 0.04 -0.20
BETHLHEM_115KV_TB1 79974	32.60 0.52 -10.60	28.67 0.52 -6.67	26.19 0.46 -5.68	25.36 0.46 -5.81	23.79 0.56 -1.79	26.17 0.56 -4.12	29.87 0.70 -4.10	36.38 0.72 -10.12	36.19 0.70 -7.34	36.57 0.73 -6.66	35.87 0.69 -9.50	37.16 0.64 -10.98	38.04 0.62 -13.66	38.54 0.60 -15.82	39.44 0.56 -17.35	37.98 0.59 -15.41	41.85 0.56 -18.83	44.91 0.60 -21.26	39.92 0.63 -15.25	40.14 0.63 -15.24	33.94 0.68 -7.21	29.40 0.55 -5.83	27.67 0.43 -5.74	24.85 0.43 -2.94
BETHPAGE_CC_5 323564	34.61 1.81 -11.31	29.51 1.78 -6.24	30.13 1.62 -8.47	27.40 1.53 -6.78	24.45 1.59 -1.42	26.36 1.65 -3.22	31.58 2.01 -4.51	35.66 2.25 -7.87	36.30 2.45 -5.71	37.07 2.71 -5.18	35.54 2.34 -7.52	36.56 2.35 -8.67	36.65 2.23 -10.65	38.14 1.99 -14.03	36.85 1.96 -13.36	36.17 2.00 -12.20	39.19 2.09 -14.65	41.70 2.12 -16.53	38.06 2.17 -11.85	38.28 2.11 -11.90	36.15 2.26 -7.84	32.92 2.03 -7.88	30.88 1.85 -7.52	28.04 1.78 -4.77
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	22.07 -0.15 -0.74	21.82 -0.13 -0.46	20.15 -0.28 -0.39	19.25 -0.25 -0.40	21.25 -0.32 -0.12	21.71 -0.06 -0.29	25.22 -0.13 -0.28	25.81 -0.43 -0.70	28.01 -0.68 -0.54	28.88 -0.79 -0.49	25.69 -0.69 -0.70	25.63 -0.72 -0.81	24.19 -0.57 -1.00	22.99 -0.29 -1.15	22.52 -0.28 -1.26	22.85 -0.20 -1.07	23.40 -0.36 -1.30	24.20 -0.32 -1.47	24.60 -0.51 -1.06	24.89 -0.44 -1.06	26.15 -0.39 -0.50	23.38 -0.05 -0.40	21.71 -0.19 -0.40	21.69 0.00 -0.20
BINGHAMTON___COGEN 23790	22.96 0.11 -1.37	22.45 0.11 -0.86	20.79 0.02 -0.73	19.88 0.04 -0.75	21.72 0.04 -0.23	22.17 0.15 -0.53	25.79 0.20 -0.53	27.02 0.18 -1.30	29.30 0.14 -1.02	30.21 0.12 -0.92	27.07 0.08 -1.31	27.13 0.08 -1.52	25.72 0.10 -1.87	24.44 0.15 -2.16	24.03 0.13 -2.37	24.15 0.20 -1.98	25.07 0.20 -2.42	25.99 0.21 -2.73	26.18 0.17 -1.96	26.45 0.22 -1.96	27.21 0.23 -0.93	24.05 0.28 -0.75	22.42 0.17 -0.74	21.99 0.13 -0.38
BIXINCNT_115KV_LOAD 355685	21.94 -0.32 -0.77	21.65 -0.32 -0.48	19.99 -0.46 -0.41	19.13 -0.38 -0.42	21.19 -0.39 -0.13	21.63 -0.15 -0.30	25.16 -0.20 -0.30	25.84 -0.43 -0.73	28.04 -0.68 -0.57	28.90 -0.79 -0.51	25.65 -0.77 -0.73	25.52 -0.87 -0.85	24.02 -0.78 -1.04	22.82 -0.51 -1.21	22.36 -0.50 -1.32	22.65 -0.44 -1.12	23.21 -0.61 -1.37	24.02 -0.58 -1.54	24.48 -0.67 -1.11	24.82 -0.56 -1.11	26.10 -0.47 -0.52	23.33 -0.12 -0.42	21.64 -0.28 -0.42	21.48 -0.21 -0.21

BLACK RIVER___HYD 24047	21.94 0.19 -0.26	21.72 0.06 -0.17	20.20 0.02 -0.14	19.29 0.06 -0.14	21.75 0.26 -0.04	21.98 0.39 -0.10	25.77 0.60 -0.10	26.30 0.48 -0.27	28.76 0.42 -0.19	29.70 0.35 -0.18	26.19 0.26 -0.25	26.11 0.28 -0.29	24.31 0.19 -0.36	22.60 0.07 -0.41	21.94 -0.04 -0.45	22.49 0.11 -0.41	23.15 0.20 -0.50	23.79 0.18 -0.56	24.69 0.24 -0.40	24.96 0.31 -0.38	26.51 0.29 -0.18	23.37 0.21 -0.14	21.76 0.11 -0.14	21.71 0.15 -0.07
BLACKRVR_115KV_TB2 79977	21.94 0.19 -0.26	21.72 0.06 -0.17	20.20 0.02 -0.14	19.29 0.06 -0.14	21.75 0.26 -0.04	21.97 0.39 -0.10	25.77 0.60 -0.10	26.28 0.49 -0.25	28.76 0.42 -0.19	29.70 0.35 -0.18	26.19 0.26 -0.25	26.11 0.28 -0.29	24.31 0.19 -0.36	22.60 0.07 -0.41	21.94 -0.04 -0.45	22.49 0.13 -0.38	23.12 0.20 -0.47	23.76 0.18 -0.53	24.67 0.24 -0.38	24.96 0.32 -0.38	26.51 0.29 -0.18	23.37 0.21 -0.14	21.76 0.11 -0.14	21.71 0.15 -0.07
BLISS_WT_PWR 323608	21.94 -0.32 -0.77	21.60 -0.37 -0.48	19.99 -0.46 -0.41	19.15 -0.36 -0.42	21.19 -0.39 -0.13	21.50 -0.28 -0.30	25.19 -0.17 -0.30	25.94 -0.38 -0.78	28.06 -0.65 -0.57	28.93 -0.76 -0.51	25.67 -0.75 -0.73	25.52 -0.87 -0.85	24.02 -0.78 -1.04	22.85 -0.49 -1.21	22.34 -0.52 -1.33	22.70 -0.46 -1.19	23.25 -0.65 -1.45	24.09 -0.60 -1.64	24.55 -0.67 -1.18	24.84 -0.53 -1.11	26.10 -0.47 -0.52	23.35 -0.09 -0.42	21.67 -0.26 -0.42	21.44 -0.26 -0.21
BLUESTONE___WT_PWR 323821	24.06 1.01 -1.56	23.43 0.97 -0.98	21.69 0.82 -0.83	20.78 0.84 -0.85	22.78 1.07 -0.26	23.25 1.16 -0.60	27.25 1.58 -0.60	29.28 1.35 -2.38	31.31 1.43 -1.73	32.15 1.40 -1.57	29.10 1.18 -2.24	29.28 1.15 -2.59	28.00 1.04 -3.19	26.77 0.95 -3.69	26.46 0.88 -4.05	26.68 1.08 -3.63	28.05 1.17 -4.43	29.23 1.17 -5.01	28.86 1.23 -3.59	27.96 1.46 -2.23	28.61 1.51 -1.06	25.16 1.29 -0.85	23.36 1.01 -0.84	22.84 0.92 -0.43
BLUE_CIRC_CHEM_DRP 24182	32.82 0.88 -10.45	28.94 0.88 -6.57	26.44 0.80 -5.60	25.60 0.78 -5.72	24.13 0.92 -1.77	26.47 0.92 -4.06	30.18 1.08 -4.04	36.59 1.07 -9.97	36.49 1.13 -7.22	36.87 1.14 -6.56	36.08 1.05 -9.35	37.37 1.02 -10.81	38.12 0.95 -13.40	38.57 0.93 -15.52	39.39 0.84 -17.02	38.02 0.88 -15.17	41.85 0.85 -18.54	44.91 0.92 -20.93	40.02 0.96 -15.01	40.22 0.95 -15.01	34.22 1.07 -7.10	29.66 0.90 -5.74	27.91 0.75 -5.65	25.13 0.75 -2.89
BOC_GAS_DRP 24189	32.77 0.64 -10.64	28.82 0.64 -6.69	26.32 0.58 -5.70	25.49 0.57 -5.82	23.88 0.64 -1.80	26.28 0.67 -4.13	29.95 0.78 -4.11	36.51 0.82 -10.15	36.38 0.87 -7.36	36.76 0.90 -6.68	36.00 0.80 -9.52	37.34 0.79 -11.01	38.15 0.76 -13.63	38.61 0.71 -15.78	39.53 0.69 -17.31	38.12 0.70 -15.44	42.05 0.72 -18.88	45.10 0.74 -21.31	40.10 0.77 -15.28	40.30 0.75 -15.28	34.11 0.83 -7.23	29.56 0.69 -5.84	27.84 0.58 -5.75	25.01 0.58 -2.95
BOONVILLE_115KV_TB1 79983	21.77 0.28 0.00	21.66 0.17 0.00	20.18 0.14 0.00	19.25 0.15 0.00	21.83 0.39 0.00	21.89 0.41 0.00	25.64 0.58 0.00	26.06 0.51 0.00	28.79 0.53 -0.11	29.77 0.50 -0.10	26.23 0.41 -0.14	26.11 0.41 -0.16	24.29 0.33 -0.20	22.55 0.20 -0.23	21.91 0.13 -0.25	22.22 0.24 0.00	22.74 0.29 0.00	23.28 0.23 0.00	24.34 0.29 0.00	24.59 0.32 0.00	26.36 0.31 0.00	23.25 0.23 0.00	21.66 0.15 0.00	21.70 0.21 0.00
BORALEX_4TH_BRANCH 23824	32.87 0.97 -10.42	29.10 1.01 -6.60	26.61 0.94 -5.63	25.78 0.94 -5.75	24.31 1.09 -1.77	26.68 1.12 -4.08	30.50 1.38 -4.06	36.94 1.40 -9.99	37.01 1.55 -7.31	37.39 1.57 -6.64	36.46 1.31 -9.46	37.81 1.33 -10.94	38.41 1.26 -13.39	38.89 1.26 -15.51	39.74 1.20 -17.01	38.42 1.23 -15.21	42.28 1.23 -18.59	45.33 1.29 -20.99	40.47 1.37 -15.05	40.71 1.36 -15.08	34.64 1.46 -7.14	30.01 1.22 -5.77	28.18 0.99 -5.68	25.45 1.05 -2.91
BOWLINE___1 23526	30.50 1.07 -7.94	27.48 1.05 -4.94	25.18 0.92 -4.21	24.24 0.84 -4.30	23.65 0.88 -1.33	25.44 0.90 -3.05	29.23 1.13 -3.04	34.36 1.35 -7.46	35.14 1.58 -5.42	35.75 1.66 -4.92	34.18 1.49 -7.01	35.12 1.48 -8.11	35.19 1.45 -9.98	34.94 1.26 -11.56	35.48 1.27 -12.68	34.65 1.32 -11.36	37.73 1.39 -13.88	40.11 1.38 -15.67	36.71 1.42 -11.24	36.95 1.38 -11.29	32.85 1.46 -5.35	28.56 1.22 -4.32	26.77 1.01 -4.25	24.61 0.94 -2.18
BOWLINE___2 23595	30.50 1.07 -7.94	27.48 1.05 -4.94	25.20 0.94 -4.21	24.24 0.84 -4.31	23.65 0.88 -1.33	25.44 0.90 -3.05	29.23 1.13 -3.04	34.36 1.35 -7.46	35.14 1.58 -5.42	35.75 1.66 -4.92	34.18 1.49 -7.01	35.15 1.51 -8.11	35.20 1.45 -9.98	34.94 1.26 -11.56	35.48 1.27 -12.68	34.65 1.32 -11.36	37.73 1.39 -13.88	40.11 1.38 -15.68	36.71 1.42 -11.24	36.95 1.38 -11.29	32.85 1.46 -5.35	28.56 1.22 -4.32	26.77 1.01 -4.25	24.61 0.94 -2.18
BRADY___115KV_TB2 356060	21.23 -0.26 0.00	21.19 -0.30 0.00	19.84 -0.20 0.00	18.92 -0.17 0.00	21.29 -0.15 0.00	21.27 -0.21 0.00	24.79 -0.28 0.00	25.19 -0.36 0.00	27.81 -0.34 0.00	28.82 -0.35 0.00	25.40 -0.28 0.00	25.26 -0.28 0.00	23.43 -0.33 0.00	21.79 -0.33 0.00	21.19 -0.34 0.00	21.62 -0.35 0.00	22.14 -0.31 0.00	22.73 -0.32 0.00	23.78 -0.26 0.00	23.98 -0.29 0.00	25.81 -0.23 0.00	22.70 -0.32 0.00	21.21 -0.30 0.00	21.16 -0.32 0.00
BRANSCOMB___SOLAR 323811	33.45 1.25 -10.72	29.47 1.22 -6.76	26.94 1.14 -5.76	26.08 1.11 -5.88	24.57 1.31 -1.82	26.99 1.33 -4.17	30.82 1.61 -4.15	37.41 1.64 -10.23	37.34 1.69 -7.50	37.71 1.72 -6.81	36.96 1.57 -9.71	38.30 1.53 -11.23	38.80 1.33 -13.70	39.30 1.30 -15.87	40.05 1.12 -17.40	38.62 1.08 -15.57	42.56 1.08 -19.03	45.71 1.17 -21.49	40.71 1.25 -15.41	40.99 1.29 -15.44	34.78 1.43 -7.31	30.17 1.24 -5.90	28.37 1.05 -5.81	25.54 1.07 -2.98
BRENTWOD_69_KV_W. BRTWOOD 56703	35.04 2.23 -11.32	29.94 2.21 -6.24	30.53 2.02 -8.47	27.74 1.87 -6.78	24.88 2.02 -1.42	26.74 2.04 -3.22	32.03 2.46 -4.51	36.13 2.68 -7.91	36.79 2.93 -5.72	37.44 3.06 -5.20	35.86 2.65 -7.54	36.91 2.68 -8.69	36.97 2.57 -10.64	38.46 2.32 -14.01	37.20 2.33 -13.34	36.53 2.29 -12.27	39.61 2.42 -14.73	42.13 2.47 -16.61	38.46 2.50 -11.92	38.72 2.55 -11.90	36.53 2.63 -7.85	35.06 2.19 -9.85	31.15 2.11 -7.54	28.40 2.15 -4.77
BRISTLHL_115KV_TB1 79998	22.06 0.15 -0.43	21.88 0.13 -0.27	20.33 0.06 -0.23	19.40 0.08 -0.23	21.69 0.17 -0.07	21.87 0.21 -0.17	25.50 0.28 -0.16	26.21 0.26 -0.41	28.71 0.25 -0.31	29.78 0.32 -0.28	26.37 0.28 -0.41	26.31 0.31 -0.47	24.60 0.26 -0.58	23.06 0.27 -0.67	22.46 0.19 -0.73	22.81 0.22 -0.62	23.45 0.25 -0.76	24.18 0.28 -0.85	24.90 0.24 -0.61	25.17 0.29 -0.61	26.62 0.29 -0.29	23.53 0.28 -0.23	21.95 0.22 -0.23	21.80 0.19 -0.12
BROOKHAVEN___DRP 24191	35.13 2.32 -11.32	30.02 2.30 -6.24	30.61 2.10 -8.47	27.80 1.93 -6.78	24.92 2.06 -1.42	26.81 2.11 -3.22	32.15 2.58 -4.51	36.27 2.81 -7.91	36.91 3.04 -5.73	37.63 3.21 -5.25	35.97 2.72 -7.57	36.99 2.76 -8.70	37.02 2.61 -10.64	38.51 2.37 -14.02	37.27 2.39 -13.35	36.75 2.44 -12.33	39.79 2.56 -14.78	42.31 2.60 -16.66	38.68 2.67 -11.96	38.82 2.65 -11.91	36.70 2.76 -7.90	34.83 2.33 -9.48	31.35 2.24 -7.60	28.47 2.21 -4.77

BROOKLYN_NAVY_YARD 23515	31.18 1.33 -8.36	27.96 1.27 -5.21	25.60 1.12 -4.44	24.62 0.99 -4.53	23.83 0.99 -1.40	25.73 1.03 -3.22	29.57 1.30 -3.20	35.07 1.66 -7.86	35.82 1.97 -5.71	36.40 2.04 -5.18	34.94 1.87 -7.38	35.94 1.86 -8.54	36.06 1.78 -10.52	35.81 1.51 -12.18	36.39 1.51 -13.36	35.48 1.54 -11.97	38.72 1.64 -14.63	41.18 1.61 -16.51	37.55 1.66 -11.84	37.79 1.63 -11.89	33.42 1.75 -5.63	29.00 1.43 -4.55	27.21 1.23 -4.48	24.87 1.10 -2.29
BROOKLYN___ARMY_DRP 323595	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.85 1.01 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.08 1.63 -7.90	35.89 2.03 -5.72	36.49 2.13 -5.19	35.08 2.00 -7.40	36.13 2.04 -8.55	36.21 1.95 -10.50	35.90 1.62 -12.16	36.50 1.64 -13.34	35.65 1.65 -12.02	38.90 1.75 -14.70	41.39 1.75 -16.59	37.75 1.80 -11.90	37.94 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
BROOKVLE_69_KV_TB1 55790	34.56 1.76 -11.31	29.44 1.72 -6.24	30.05 1.54 -8.47	27.30 1.43 -6.78	24.38 1.52 -1.42	26.27 1.57 -3.22	31.48 1.90 -4.51	35.62 2.17 -7.90	36.23 2.36 -5.72	36.96 2.60 -5.19	35.52 2.31 -7.53	36.55 2.32 -8.69	36.61 2.21 -10.63	38.10 1.97 -14.01	36.83 1.96 -13.34	36.23 2.00 -12.25	39.26 2.09 -14.72	41.72 2.07 -16.60	38.09 2.14 -11.90	38.25 2.09 -11.90	36.15 2.27 -7.84	32.67 1.93 -7.71	30.71 1.68 -7.52	27.84 1.59 -4.77
BROOME_2_LFGE 323671	22.96 0.11 -1.37	22.43 0.09 -0.86	20.79 0.02 -0.73	19.88 0.04 -0.75	21.72 0.04 -0.23	22.12 0.11 -0.53	25.79 0.20 -0.53	27.12 0.18 -1.40	29.30 0.14 -1.01	30.21 0.12 -0.92	27.07 0.08 -1.31	27.13 0.08 -1.52	25.73 0.10 -1.87	24.44 0.16 -2.16	24.03 0.13 -2.37	24.30 0.20 -2.13	25.25 0.20 -2.60	26.19 0.21 -2.93	26.32 0.17 -2.10	26.45 0.22 -1.96	27.21 0.23 -0.93	24.05 0.28 -0.75	22.42 0.17 -0.74	21.99 0.13 -0.38
BROOME___LFGE 323600	22.96 0.11 -1.37	22.43 0.09 -0.86	20.79 0.02 -0.73	19.88 0.04 -0.75	21.72 0.04 -0.23	22.12 0.11 -0.53	25.79 0.20 -0.53	27.12 0.18 -1.40	29.30 0.14 -1.01	30.21 0.12 -0.92	27.07 0.08 -1.31	27.13 0.08 -1.52	25.73 0.10 -1.87	24.44 0.16 -2.16	24.03 0.13 -2.37	24.30 0.20 -2.13	25.25 0.20 -2.60	26.19 0.21 -2.93	26.32 0.17 -2.10	26.45 0.22 -1.96	27.21 0.23 -0.93	24.05 0.28 -0.75	22.42 0.17 -0.74	21.99 0.13 -0.38
BROWNFLS_115KV_TB_3_5 80003	21.19 -0.30 0.00	21.06 -0.43 0.00	19.66 -0.38 0.00	18.75 -0.34 0.00	21.21 -0.24 0.00	21.29 -0.19 0.00	24.89 -0.18 0.00	25.26 -0.28 0.00	27.84 -0.31 0.00	28.79 -0.38 0.00	25.37 -0.31 0.00	25.23 -0.31 0.00	23.38 -0.38 0.00	21.66 -0.46 0.00	21.01 -0.52 0.00	21.51 -0.46 0.00	22.02 -0.43 0.00	22.61 -0.44 0.00	23.66 -0.38 0.00	23.88 -0.39 0.00	25.63 -0.42 0.00	22.58 -0.44 0.00	21.06 -0.45 0.00	21.10 -0.39 0.00
BROWNSV1_27_KV_LOAD 356125	31.42 1.57 -8.36	28.20 1.50 -5.21	25.80 1.32 -4.44	24.81 1.18 -4.53	24.06 1.22 -1.40	25.95 1.25 -3.22	29.79 1.53 -3.20	35.33 1.89 -7.90	36.11 2.25 -5.72	36.70 2.33 -5.19	35.21 2.13 -7.40	36.24 2.15 -8.55	36.33 2.07 -10.50	36.03 1.75 -12.16	36.63 1.77 -13.34	35.78 1.78 -12.02	39.03 1.89 -14.69	41.51 1.87 -16.59	37.89 1.95 -11.90	38.08 1.92 -11.89	33.68 2.01 -5.63	29.25 1.68 -4.55	27.40 1.42 -4.48	25.09 1.31 -2.29
BURROWS___LYONSDAL 23803	21.85 0.21 -0.15	21.67 0.09 -0.10	20.16 0.04 -0.08	19.25 0.08 -0.08	21.77 0.30 -0.03	21.89 0.34 -0.06	25.63 0.50 -0.06	26.12 0.43 -0.15	28.71 0.45 -0.11	29.68 0.41 -0.10	26.16 0.33 -0.15	26.01 0.31 -0.17	24.21 0.24 -0.21	22.45 0.09 -0.24	21.79 0.00 -0.26	22.31 0.11 -0.22	22.88 0.16 -0.27	23.47 0.12 -0.31	24.44 0.17 -0.22	24.68 0.19 -0.22	26.33 0.18 -0.10	23.22 0.12 -0.08	21.65 0.06 -0.08	21.68 0.15 -0.04
CAITHNESS_CC_1 323624	35.04 2.23 -11.32	29.91 2.19 -6.24	30.53 2.02 -8.47	27.72 1.85 -6.78	24.81 1.95 -1.42	26.70 2.00 -3.22	32.05 2.48 -4.51	36.13 2.71 -7.88	36.74 2.87 -5.72	37.48 3.06 -5.24	35.88 2.62 -7.57	36.85 2.63 -8.68	36.94 2.52 -10.66	38.44 2.28 -14.03	37.18 2.28 -13.37	36.56 2.31 -12.27	39.58 2.43 -14.71	42.13 2.49 -16.59	38.48 2.52 -11.90	38.68 2.50 -11.91	36.52 2.58 -7.90	34.71 2.21 -9.48	31.26 2.15 -7.60	28.38 2.13 -4.77
CALPINE BETH_PAGE_GT4 24209	34.58 1.78 -11.31	29.46 1.74 -6.24	30.11 1.60 -8.47	27.42 1.55 -6.78	24.51 1.65 -1.42	26.40 1.70 -3.22	31.60 2.03 -4.51	35.72 2.27 -7.90	36.40 2.53 -5.72	37.14 2.77 -5.19	35.60 2.39 -7.53	36.62 2.40 -8.69	36.68 2.28 -10.63	38.17 2.04 -14.01	36.83 1.96 -13.34	36.27 2.04 -12.25	39.31 2.13 -14.72	41.79 2.14 -16.60	38.17 2.21 -11.90	38.30 2.14 -11.90	36.26 2.37 -7.84	32.88 2.03 -7.83	30.86 1.83 -7.52	28.02 1.76 -4.77
CALPINE_BETH_PAGE_GT_4 323586	34.58 1.78 -11.31	29.46 1.74 -6.24	30.11 1.60 -8.47	27.42 1.55 -6.78	24.47 1.61 -1.42	26.38 1.68 -3.22	31.60 2.03 -4.51	35.68 2.27 -7.87	36.36 2.50 -5.71	37.13 2.77 -5.18	35.59 2.39 -7.52	36.61 2.40 -8.67	36.70 2.28 -10.65	38.18 2.03 -14.03	36.85 1.96 -13.36	36.19 2.02 -12.20	39.24 2.13 -14.65	41.73 2.14 -16.53	38.11 2.21 -11.85	38.28 2.11 -11.90	36.20 2.32 -7.84	32.88 2.03 -7.83	30.86 1.83 -7.52	28.02 1.76 -4.77
CALPINE_BP_GT1 23823	34.58 1.78 -11.31	29.46 1.74 -6.24	30.11 1.60 -8.47	27.42 1.55 -6.78	24.47 1.61 -1.42	26.38 1.68 -3.22	31.60 2.03 -4.51	35.68 2.27 -7.87	36.36 2.50 -5.71	37.13 2.77 -5.18	35.59 2.39 -7.52	36.61 2.40 -8.67	36.70 2.28 -10.65	38.18 2.03 -14.03	36.85 1.96 -13.36	36.19 2.02 -12.20	39.24 2.13 -14.65	41.73 2.14 -16.53	38.11 2.21 -11.85	38.28 2.11 -11.90	36.20 2.32 -7.84	32.88 2.03 -7.83	30.86 1.83 -7.52	28.02 1.76 -4.77
CALSPAN___DRP 24200	22.11 -0.11 -0.73	21.86 -0.09 -0.46	20.21 -0.22 -0.39	19.30 -0.19 -0.40	21.31 -0.26 -0.12	21.77 0.00 -0.28	25.30 -0.05 -0.28	25.83 -0.41 -0.69	28.06 -0.62 -0.54	28.90 -0.76 -0.49	25.73 -0.64 -0.69	25.65 -0.69 -0.80	24.23 -0.52 -0.99	23.02 -0.24 -1.14	22.52 -0.26 -1.25	22.88 -0.15 -1.06	23.41 -0.34 -1.29	24.21 -0.30 -1.46	24.64 -0.46 -1.05	24.93 -0.39 -1.05	26.20 -0.34 -0.49	23.40 -0.02 -0.40	21.75 -0.15 -0.39	21.73 0.04 -0.20
CALVERTON___SOLAR 323806	35.26 2.45 -11.32	30.13 2.41 -6.24	30.73 2.22 -8.47	27.89 2.02 -6.78	25.00 2.14 -1.42	26.89 2.19 -3.22	32.28 2.71 -4.51	36.38 2.96 -7.88	37.02 3.15 -5.72	37.77 3.35 -5.24	36.13 2.88 -7.57	37.13 2.91 -8.68	37.18 2.76 -10.66	38.66 2.50 -14.03	37.42 2.52 -13.37	36.82 2.57 -12.28	39.87 2.72 -14.71	42.40 2.76 -16.59	38.79 2.84 -11.90	38.97 2.79 -11.91	36.83 2.89 -7.90	34.97 2.46 -9.49	31.48 2.37 -7.60	28.58 2.32 -4.77
CANDIGU_WT_PWR 323617	22.49 0.04 -0.96	22.11 0.02 -0.60	20.49 -0.06 -0.51	19.58 -0.04 -0.53	21.54 -0.06 -0.16	21.90 0.04 -0.37	25.64 0.20 -0.37	26.57 0.05 -0.97	28.71 -0.14 -0.71	29.61 -0.20 -0.64	26.39 -0.21 -0.91	26.36 -0.23 -1.06	24.90 -0.17 -1.30	23.65 0.02 -1.51	23.16 -0.02 -1.65	23.52 0.07 -1.48	24.26 0.00 -1.81	25.14 0.05 -2.04	25.44 -0.07 -1.47	25.65 0.00 -1.38	26.78 0.08 -0.65	23.80 0.25 -0.53	22.11 0.09 -0.52	21.84 0.09 -0.27

CARR STREET_E_SYR 24060	21.79 -0.15 -0.45	21.60 -0.17 -0.28	20.08 -0.20 -0.24	19.17 -0.17 -0.25	21.33 -0.19 -0.08	21.51 -0.15 -0.17	25.14 -0.10 -0.17	25.87 -0.13 -0.46	28.31 -0.17 -0.33	29.30 -0.17 -0.30	25.96 -0.15 -0.43	25.88 -0.15 -0.50	24.26 -0.12 -0.61	22.76 -0.07 -0.71	22.18 -0.13 -0.78	22.58 -0.09 -0.69	23.19 -0.11 -0.85	23.92 -0.09 -0.96	24.59 -0.14 -0.69	24.82 -0.10 -0.65	26.22 -0.13 -0.31	23.22 -0.05 -0.25	21.66 -0.09 -0.24	21.50 -0.11 -0.12
CARTHAGE___PAPER 23857	21.74 0.02 -0.23	21.50 -0.13 -0.15	20.03 -0.14 -0.12	19.12 -0.09 -0.13	21.55 0.06 -0.04	21.77 0.19 -0.09	25.51 0.35 -0.09	26.04 0.26 -0.24	28.51 0.20 -0.17	29.42 0.09 -0.16	25.95 0.05 -0.22	25.84 0.05 -0.26	24.05 -0.02 -0.31	22.33 -0.15 -0.36	21.69 -0.24 -0.40	22.22 -0.11 -0.36	22.87 -0.02 -0.44	23.50 -0.05 -0.49	24.40 0.00 -0.35	24.65 0.05 -0.33	26.23 0.03 -0.16	23.10 -0.05 -0.13	21.53 -0.11 -0.13	21.51 -0.04 -0.06
CASSADAGA_WT_PWR 323784	22.53 0.28 -0.77	22.23 0.26 -0.48	20.57 0.12 -0.41	19.65 0.13 -0.42	21.70 0.13 -0.13	22.04 0.26 -0.30	25.86 0.50 -0.30	26.60 0.28 -0.78	28.82 0.11 -0.56	29.75 0.06 -0.51	26.46 0.05 -0.73	26.38 0.00 -0.84	24.85 0.05 -1.04	23.62 0.29 -1.20	23.07 0.22 -1.32	23.47 0.31 -1.18	24.06 0.16 -1.45	24.85 0.16 -1.63	25.22 0.00 -1.17	25.44 0.07 -1.10	26.75 0.18 -0.52	23.95 0.51 -0.42	22.24 0.32 -0.41	22.09 0.39 -0.21
CE_DUNWOOD___DRP 24194	31.06 1.25 -8.33	27.88 1.20 -5.19	25.54 1.08 -4.42	24.58 0.97 -4.52	23.87 1.03 -1.39	25.76 1.07 -3.20	29.56 1.30 -3.19	34.97 1.56 -7.87	35.64 1.80 -5.70	36.24 1.90 -5.17	34.77 1.72 -7.37	35.77 1.71 -8.52	35.89 1.66 -10.46	35.68 1.44 -12.11	36.28 1.46 -13.29	35.45 1.49 -11.98	38.69 1.59 -14.64	41.15 1.57 -16.53	37.51 1.61 -11.86	37.70 1.58 -11.85	33.32 1.67 -5.61	28.94 1.38 -4.53	27.13 1.16 -4.46	24.87 1.10 -2.28
CE_MILLWOOD___DRP 24193	30.97 1.20 -8.28	27.80 1.16 -5.15	25.45 1.02 -4.39	24.52 0.94 -4.49	23.81 0.99 -1.38	25.68 1.01 -3.18	29.49 1.25 -3.17	34.85 1.48 -7.82	35.55 1.74 -5.66	36.15 1.84 -5.14	34.65 1.64 -7.32	35.64 1.63 -8.47	35.75 1.59 -10.39	35.55 1.39 -12.03	36.13 1.40 -13.20	35.33 1.45 -11.90	38.52 1.53 -14.55	41.00 1.52 -16.42	37.39 1.56 -11.78	37.57 1.53 -11.77	33.21 1.59 -5.57	28.84 1.31 -4.50	27.06 1.12 -4.43	24.79 1.03 -2.27
CE_NYC2_DRP 24202	31.22 1.38 -8.36	28.00 1.31 -5.21	25.64 1.16 -4.44	24.66 1.03 -4.53	23.85 1.01 -1.40	25.71 1.01 -3.22	29.52 1.25 -3.20	35.08 1.63 -7.90	35.83 1.97 -5.72	36.43 2.07 -5.19	35.00 1.93 -7.40	36.06 1.97 -8.55	36.14 1.88 -10.50	35.85 1.57 -12.16	36.44 1.57 -13.34	35.60 1.60 -12.02	38.83 1.68 -14.70	41.28 1.64 -16.59	37.65 1.71 -11.90	37.81 1.65 -11.89	33.39 1.72 -5.63	28.98 1.40 -4.55	27.17 1.18 -4.48	24.87 1.10 -2.29
CE_NYC_DRP 24195	31.25 1.40 -8.36	28.02 1.33 -5.21	25.66 1.18 -4.44	24.68 1.05 -4.53	23.91 1.07 -1.40	25.80 1.10 -3.22	29.62 1.35 -3.20	35.13 1.69 -7.90	35.86 2.00 -5.72	36.46 2.10 -5.19	34.98 1.90 -7.40	36.01 1.92 -8.55	36.12 1.85 -10.50	35.85 1.57 -12.16	36.44 1.57 -13.34	35.60 1.60 -12.02	38.83 1.68 -14.69	41.30 1.66 -16.59	37.65 1.71 -11.90	37.84 1.67 -11.89	33.47 1.80 -5.63	29.07 1.50 -4.55	27.23 1.25 -4.48	24.94 1.16 -2.29
CHAFFEE___LFGE 323603	22.09 -0.15 -0.75	21.78 -0.17 -0.47	20.18 -0.26 -0.40	19.27 -0.23 -0.41	21.25 -0.32 -0.13	21.58 -0.19 -0.29	25.28 -0.07 -0.29	25.89 -0.41 -0.76	28.08 -0.62 -0.55	28.92 -0.76 -0.50	25.75 -0.64 -0.71	25.67 -0.69 -0.82	24.23 -0.55 -1.02	23.08 -0.22 -1.18	22.56 -0.26 -1.29	22.98 -0.15 -1.16	23.55 -0.31 -1.41	24.37 -0.28 -1.59	24.76 -0.43 -1.14	24.98 -0.36 -1.08	26.21 -0.34 -0.51	23.41 -0.02 -0.41	21.74 -0.17 -0.40	21.65 -0.04 -0.21
CHATEAUG_35_KV_LOAD 355732	21.59 0.11 0.00	21.51 0.02 0.00	20.20 0.16 0.00	19.19 0.10 0.00	21.55 0.11 0.00	21.61 0.13 0.00	25.27 0.20 0.00	25.47 -0.08 0.00	28.17 0.03 0.00	29.23 0.06 0.00	25.81 0.13 0.00	25.69 0.15 0.00	23.76 0.00 0.00	22.12 0.00 0.00	21.49 -0.04 0.00	21.87 -0.11 0.00	22.41 -0.04 0.00	23.05 0.00 0.00	24.31 0.26 0.00	24.39 0.12 0.00	26.20 0.16 0.00	22.95 -0.07 0.00	21.40 -0.11 0.00	21.38 -0.11 0.00
CHATEAUG_WT_PWR 323614	21.62 0.13 0.00	21.55 0.06 0.00	20.20 0.16 0.00	19.21 0.12 0.00	21.57 0.13 0.00	21.66 0.17 0.00	25.26 0.20 0.00	25.44 -0.10 0.00	28.17 0.03 0.00	29.20 0.03 0.00	25.81 0.13 0.00	25.67 0.13 0.00	23.76 0.00 0.00	22.12 0.00 0.00	21.49 -0.04 0.00	21.87 -0.11 0.00	22.38 -0.07 0.00	23.03 -0.02 0.00	24.34 0.29 0.00	24.42 0.15 0.00	26.20 0.16 0.00	22.98 -0.05 0.00	21.40 -0.11 0.00	21.40 -0.09 0.00
CHAT_HIGH_FALL_HYD 323578	21.59 0.11 0.00	21.53 0.04 0.00	20.20 0.16 0.00	19.19 0.10 0.00	21.57 0.13 0.00	21.66 0.17 0.00	25.26 0.20 0.00	25.47 -0.08 0.00	28.17 0.03 0.00	29.23 0.06 0.00	25.81 0.13 0.00	25.69 0.15 0.00	23.76 0.00 0.00	22.12 0.00 0.00	21.49 -0.04 0.00	21.87 -0.11 0.00	22.41 -0.04 0.00	23.05 0.00 0.00	24.31 0.27 0.00	24.39 0.12 0.00	26.20 0.16 0.00	22.95 -0.07 0.00	21.40 -0.11 0.00	21.40 -0.09 0.00
CHAUTAUQUA___LFGE 323629	22.42 0.17 -0.76	22.11 0.15 -0.47	20.47 0.02 -0.40	19.56 0.06 -0.41	21.55 -0.02 -0.13	21.91 0.13 -0.29	25.66 0.30 -0.29	26.34 0.03 -0.77	28.56 -0.14 -0.56	29.44 -0.23 -0.50	26.22 -0.18 -0.72	26.14 -0.23 -0.83	24.65 -0.14 -1.02	23.44 0.13 -1.19	22.92 0.09 -1.30	23.34 0.20 -1.17	23.90 0.02 -1.42	24.71 0.05 -1.61	25.08 -0.12 -1.15	25.31 -0.05 -1.08	26.58 0.03 -0.51	23.78 0.35 -0.41	22.09 0.17 -0.41	21.97 0.28 -0.21
CHERRYST_13_KV_LD 356241	31.31 1.46 -8.36	28.09 1.40 -5.21	25.72 1.24 -4.44	24.71 1.09 -4.53	23.98 1.14 -1.40	25.84 1.14 -3.22	29.67 1.40 -3.20	35.21 1.76 -7.90	35.97 2.11 -5.72	36.58 2.22 -5.19	35.08 2.00 -7.40	36.11 2.02 -8.55	36.21 1.95 -10.50	35.94 1.66 -12.16	36.52 1.66 -13.34	35.67 1.67 -12.02	38.92 1.77 -14.69	41.39 1.75 -16.59	37.75 1.80 -11.90	37.94 1.77 -11.89	33.55 1.88 -5.63	29.11 1.54 -4.55	27.30 1.31 -4.48	24.98 1.20 -2.29
CHESTROR_138KV_BK263 355645	29.78 0.92 -7.37	26.98 0.90 -4.59	24.77 0.82 -3.91	23.85 0.76 -4.00	23.49 0.81 -1.23	25.16 0.84 -2.83	28.89 1.00 -2.82	33.71 1.20 -6.96	34.53 1.35 -5.03	35.17 1.43 -4.57	33.45 1.26 -6.51	34.32 1.25 -7.53	34.22 1.21 -9.24	33.89 1.06 -10.70	34.33 1.05 -11.74	33.69 1.12 -10.60	36.59 1.19 -12.95	38.85 1.18 -14.62	35.74 1.20 -10.49	35.94 1.19 -10.48	32.23 1.22 -4.96	28.07 1.04 -4.01	26.33 0.88 -3.95	24.32 0.82 -2.02
CH_MIDHUDSON___DRP 24192	31.24 1.16 -8.60	27.97 1.12 -5.36	25.63 1.02 -4.57	24.70 0.94 -4.67	23.91 1.03 -1.44	25.85 1.05 -3.31	29.61 1.25 -3.30	35.14 1.46 -8.14	35.64 1.60 -5.89	36.21 1.69 -5.34	34.81 1.52 -7.62	35.88 1.53 -8.81	36.05 1.47 -10.82	35.93 1.28 -12.52	36.56 1.29 -13.74	35.70 1.34 -12.39	38.98 1.39 -15.14	41.55 1.41 -17.09	37.75 1.44 -12.26	37.98 1.46 -12.25	33.35 1.51 -5.80	28.97 1.27 -4.69	27.19 1.08 -4.61	24.86 1.01 -2.36

CH_MISC_IPPS 23765	31.11 1.27 -8.35	27.94 1.25 -5.21	25.58 1.10 -4.44	24.64 1.01 -4.54	23.94 1.09 -1.40	25.86 1.16 -3.22	29.67 1.40 -3.20	34.99 1.58 -7.86	35.60 1.75 -5.71	36.19 1.84 -5.18	34.71 1.65 -7.38	35.74 1.66 -8.54	35.89 1.62 -10.51	35.69 1.39 -12.17	36.26 1.38 -13.35	35.39 1.45 -11.96	38.58 1.50 -14.62	41.11 1.54 -16.51	37.47 1.59 -11.84	37.74 1.58 -11.90	33.32 1.64 -5.63	28.93 1.36 -4.55	27.15 1.16 -4.48	24.85 1.07 -2.29
CH_RES_BVR_FALLS 23983	21.27 -0.21 0.00	21.27 -0.21 0.00	19.86 -0.18 0.00	18.92 -0.17 0.00	21.25 -0.19 0.00	21.27 -0.21 0.00	24.77 -0.30 0.00	25.21 -0.33 0.00	27.81 -0.34 0.00	28.83 -0.35 0.00	25.40 -0.28 0.00	25.26 -0.28 0.00	23.48 -0.28 0.00	21.86 -0.26 0.00	21.27 -0.26 0.00	21.69 -0.29 0.00	22.16 -0.29 0.00	22.75 -0.30 0.00	23.78 -0.26 0.00	23.98 -0.29 0.00	25.73 -0.31 0.00	22.72 -0.30 0.00	21.25 -0.26 0.00	21.25 -0.24 0.00
CH_RES_NIAGARA 23895	21.65 -0.52 -0.68	21.38 -0.54 -0.43	19.82 -0.58 -0.36	18.91 -0.55 -0.37	20.87 -0.69 -0.12	21.15 -0.60 -0.26	24.73 -0.60 -0.26	25.16 -1.07 -0.69	27.27 -1.38 -0.50	28.08 -1.55 -0.45	24.99 -1.34 -0.65	24.91 -1.38 -0.75	23.57 -1.12 -0.92	22.42 -0.77 -1.07	21.91 -0.80 -1.17	22.30 -0.72 -1.05	22.79 -0.94 -1.28	23.58 -0.92 -1.45	23.98 -1.11 -1.04	24.20 -1.04 -0.98	25.47 -1.04 -0.46	22.78 -0.62 -0.37	21.23 -0.64 -0.37	21.24 -0.43 -0.19
CH_RES_SYRACUSE 23985	22.05 0.06 -0.50	21.84 0.04 -0.31	20.31 0.00 -0.27	19.36 0.00 -0.27	21.57 0.04 -0.08	21.74 0.06 -0.19	25.41 0.15 -0.19	26.18 0.13 -0.50	28.59 0.08 -0.37	29.62 0.12 -0.33	26.26 0.10 -0.47	26.21 0.13 -0.55	24.56 0.12 -0.67	23.06 0.16 -0.78	22.47 0.09 -0.85	22.87 0.13 -0.77	23.50 0.11 -0.94	24.27 0.16 -1.06	24.90 0.10 -0.76	25.15 0.17 -0.71	26.54 0.16 -0.34	23.48 0.18 -0.27	21.90 0.13 -0.27	21.71 0.09 -0.14
CLINTON_WT_PWR 323605	21.62 0.13 0.00	21.55 0.06 0.00	20.20 0.16 0.00	19.21 0.12 0.00	21.57 0.13 0.00	21.66 0.17 0.00	25.26 0.20 0.00	25.44 -0.10 0.00	28.17 0.03 0.00	29.20 0.03 0.00	25.81 0.13 0.00	25.67 0.13 0.00	23.76 0.00 0.00	22.12 0.00 0.00	21.49 -0.04 0.00	21.87 -0.11 0.00	22.38 -0.07 0.00	23.03 -0.02 0.00	24.34 0.29 0.00	24.42 0.15 0.00	26.20 0.16 0.00	22.98 -0.05 0.00	21.40 -0.11 0.00	21.40 -0.09 0.00
CLINTON__LFGE 323618	21.89 0.41 0.00	21.81 0.32 0.00	20.46 0.42 0.00	19.45 0.36 0.00	21.85 0.41 0.00	21.96 0.47 0.00	25.62 0.55 0.00	25.70 0.15 0.00	28.45 0.31 0.00	29.50 0.32 0.00	26.09 0.41 0.00	25.94 0.41 0.00	23.98 0.21 0.00	22.32 0.20 0.00	21.68 0.15 0.00	22.06 0.09 0.00	22.61 0.16 0.00	23.28 0.23 0.00	24.67 0.62 0.00	24.73 0.46 0.00	26.62 0.57 0.00	23.28 0.25 0.00	21.66 0.15 0.00	21.66 0.17 0.00
COBBLENY_34_KV_TB1 80064	22.09 -0.15 -0.75	21.83 -0.13 -0.47	20.18 -0.26 -0.40	19.27 -0.23 -0.41	21.27 -0.30 -0.13	21.73 -0.04 -0.29	25.28 -0.08 -0.29	25.85 -0.41 -0.71	28.08 -0.62 -0.55	28.92 -0.76 -0.50	25.75 -0.64 -0.71	25.67 -0.69 -0.83	24.23 -0.55 -1.01	23.03 -0.27 -1.17	22.56 -0.26 -1.29	22.91 -0.15 -1.09	23.47 -0.31 -1.33	24.27 -0.28 -1.50	24.67 -0.46 -1.08	24.98 -0.36 -1.08	26.24 -0.31 -0.51	23.41 -0.02 -0.41	21.74 -0.17 -0.40	21.69 0.00 -0.21
COFFEEN__115KV_TB3 355620	22.08 0.32 -0.27	21.85 0.19 -0.17	20.30 0.12 -0.14	19.41 0.17 -0.15	21.87 0.39 -0.05	22.13 0.54 -0.10	25.95 0.78 -0.10	26.47 0.66 -0.26	28.93 0.59 -0.20	29.85 0.50 -0.18	26.32 0.39 -0.26	26.24 0.41 -0.30	24.44 0.31 -0.36	22.72 0.18 -0.42	22.06 0.06 -0.46	22.63 0.26 -0.39	23.29 0.36 -0.48	23.91 0.32 -0.54	24.84 0.41 -0.39	25.16 0.51 -0.39	26.70 0.47 -0.18	23.54 0.37 -0.15	21.89 0.24 -0.15	21.82 0.26 -0.07
COLDSPRG_115KV_BK1 355956	22.36 0.09 -0.79	22.09 0.11 -0.49	20.38 -0.08 -0.42	19.48 -0.04 -0.43	21.53 -0.04 -0.13	22.03 0.24 -0.31	25.67 0.30 -0.30	26.45 0.15 -0.75	28.72 0.00 -0.58	29.64 -0.06 -0.53	26.35 -0.08 -0.75	26.28 -0.13 -0.87	24.73 -0.10 -1.06	23.47 0.11 -1.23	23.01 0.13 -1.35	23.34 0.22 -1.14	23.96 0.11 -1.39	24.76 0.14 -1.57	25.13 -0.05 -1.13	25.42 0.02 -1.13	26.68 0.10 -0.53	23.87 0.41 -0.43	22.13 0.19 -0.42	21.96 0.26 -0.22
COLONIE_LFGE__ 323577	33.02 0.90 -10.63	29.12 0.92 -6.71	26.62 0.86 -5.71	25.77 0.84 -5.84	24.21 0.97 -1.80	26.62 0.99 -4.14	30.39 1.20 -4.12	36.92 1.23 -10.15	36.90 1.30 -7.46	37.26 1.31 -6.77	36.52 1.18 -9.65	37.90 1.20 -11.16	38.49 1.12 -13.61	38.99 1.11 -15.76	39.83 1.01 -17.29	38.42 0.99 -15.45	42.32 0.99 -18.88	45.43 1.06 -21.32	40.45 1.11 -15.29	40.71 1.12 -15.32	34.50 1.20 -7.25	29.89 1.01 -5.86	28.11 0.84 -5.77	25.30 0.86 -2.95
COOPERNY_115KV_TB1 80082	27.01 0.64 -4.88	25.15 0.62 -3.04	23.21 0.58 -2.59	22.28 0.53 -2.65	22.82 0.56 -0.82	23.94 0.58 -1.88	27.64 0.70 -1.87	31.11 0.95 -4.62	32.41 1.07 -3.19	33.18 1.11 -2.90	30.76 0.95 -4.13	31.26 0.94 -4.78	30.56 0.93 -5.87	29.71 0.80 -6.79	29.78 0.80 -7.45	29.86 0.86 -7.03	31.96 0.92 -8.59	33.65 0.90 -9.70	31.92 0.91 -6.95	32.07 0.85 -6.95	30.22 0.89 -3.29	26.42 0.74 -2.66	24.75 0.62 -2.62	23.41 0.58 -1.34
COPENHAGEN_WT_PWR 323753	21.96 0.19 -0.28	21.73 0.06 -0.17	20.21 0.02 -0.15	19.30 0.06 -0.15	21.73 0.24 -0.05	21.94 0.34 -0.11	25.72 0.55 -0.11	26.29 0.46 -0.28	28.74 0.39 -0.20	29.68 0.32 -0.19	26.20 0.26 -0.27	26.10 0.26 -0.31	24.31 0.17 -0.38	22.63 0.07 -0.44	21.97 -0.04 -0.48	22.52 0.11 -0.43	23.16 0.18 -0.52	23.81 0.16 -0.59	24.69 0.22 -0.43	24.96 0.29 -0.40	26.49 0.26 -0.19	23.36 0.18 -0.15	21.77 0.11 -0.15	21.71 0.15 -0.08
CORNELL____ 23752	22.90 0.41 -1.00	22.52 0.41 -0.63	20.88 0.30 -0.53	19.94 0.31 -0.55	22.00 0.39 -0.17	22.37 0.49 -0.39	26.08 0.63 -0.39	27.11 0.61 -0.95	29.47 0.56 -0.76	30.42 0.55 -0.69	27.08 0.41 -0.99	27.06 0.38 -1.14	25.50 0.33 -1.40	24.12 0.38 -1.62	23.65 0.34 -1.78	23.88 0.46 -1.45	24.74 0.52 -1.77	25.62 0.58 -2.00	26.03 0.55 -1.43	26.36 0.66 -1.43	27.37 0.65 -0.68	24.19 0.62 -0.55	22.52 0.47 -0.54	22.19 0.43 -0.28
CORONAAV_69_KV_TB1 355595	34.58 1.78 -11.31	29.48 1.76 -6.24	30.09 1.58 -8.47	27.32 1.45 -6.78	24.43 1.57 -1.42	26.29 1.59 -3.22	31.50 1.93 -4.51	35.65 2.20 -7.90	36.34 2.48 -5.72	37.05 2.68 -5.19	35.55 2.34 -7.53	36.55 2.32 -8.69	36.63 2.23 -10.63	38.10 1.97 -14.01	36.85 1.98 -13.34	36.25 2.02 -12.25	39.28 2.11 -14.72	41.79 2.14 -16.60	38.16 2.21 -11.90	38.33 2.16 -11.90	36.15 2.27 -7.84	32.65 1.91 -7.71	30.75 1.72 -7.52	27.89 1.63 -4.77
CORTLAND_115KV_TB3 80093	22.57 0.19 -0.89	22.22 0.17 -0.56	20.62 0.10 -0.48	19.69 0.11 -0.49	21.74 0.15 -0.15	22.07 0.24 -0.34	25.73 0.33 -0.34	26.70 0.31 -0.85	29.09 0.28 -0.66	30.07 0.29 -0.60	26.77 0.23 -0.86	26.73 0.20 -0.99	25.17 0.19 -1.22	23.77 0.24 -1.41	23.27 0.19 -1.54	23.53 0.26 -1.29	24.32 0.29 -1.58	25.15 0.32 -1.78	25.61 0.29 -1.28	25.88 0.34 -1.28	26.99 0.34 -0.60	23.88 0.37 -0.49	22.25 0.26 -0.48	21.95 0.21 -0.25

COXSACKIE___GT 23611	32.91 1.46 -9.97	29.21 1.46 -6.26	26.70 1.32 -5.33	25.82 1.28 -5.45	24.67 1.54 -1.68	27.03 1.68 -3.87	30.94 2.03 -3.85	37.04 2.04 -9.45	36.96 1.89 -6.93	37.34 1.87 -6.29	36.37 1.72 -8.97	37.57 1.66 -10.37	37.99 1.59 -12.64	38.24 1.48 -14.63	38.92 1.34 -16.05	37.71 1.34 -14.39	41.36 1.32 -17.59	44.43 1.52 -19.86	39.90 1.61 -14.24	40.24 1.67 -14.30	34.63 1.82 -6.77	29.99 1.50 -5.47	28.14 1.25 -5.38	25.40 1.16 -2.76
CPV_VALLEY___CC1 323721	28.72 0.75 -6.49	26.28 0.75 -4.04	24.16 0.68 -3.44	23.24 0.63 -3.52	23.17 0.64 -1.09	24.63 0.64 -2.50	28.35 0.80 -2.48	32.66 1.02 -6.09	33.75 1.18 -4.42	34.41 1.23 -4.01	32.45 1.05 -5.72	33.20 1.05 -6.61	32.93 1.02 -8.14	32.44 0.89 -9.43	32.77 0.90 -10.34	32.18 0.94 -9.27	34.76 0.99 -11.32	36.83 0.99 -12.79	34.23 1.01 -9.17	34.49 1.00 -9.23	31.43 1.01 -4.37	27.40 0.85 -3.53	25.69 0.71 -3.47	23.91 0.64 -1.78
CPV_VALLEY___CC2 323722	28.72 0.75 -6.49	26.28 0.75 -4.04	24.16 0.68 -3.44	23.24 0.63 -3.52	23.17 0.64 -1.09	24.63 0.64 -2.50	28.35 0.80 -2.48	32.66 1.02 -6.09	33.75 1.18 -4.42	34.41 1.23 -4.01	32.45 1.05 -5.72	33.20 1.05 -6.61	32.93 1.02 -8.14	32.44 0.89 -9.43	32.77 0.90 -10.34	32.18 0.94 -9.27	34.76 0.99 -11.32	36.83 0.99 -12.79	34.23 1.01 -9.17	34.49 1.00 -9.23	31.43 1.01 -4.37	27.40 0.85 -3.53	25.69 0.71 -3.47	23.91 0.64 -1.78
CRESCENT___HYD 24018	33.02 0.90 -10.63	29.12 0.92 -6.71	26.62 0.86 -5.71	25.77 0.84 -5.84	24.21 0.97 -1.80	26.62 0.99 -4.14	30.39 1.20 -4.12	36.92 1.23 -10.15	36.90 1.30 -7.46	37.26 1.31 -6.77	36.52 1.18 -9.65	37.90 1.20 -11.16	38.49 1.12 -13.61	38.99 1.11 -15.76	39.83 1.01 -17.29	38.42 0.99 -15.45	42.32 0.99 -18.88	45.43 1.06 -21.32	40.45 1.11 -15.29	40.71 1.12 -15.32	34.50 1.20 -7.25	29.89 1.01 -5.86	28.11 0.84 -5.77	25.30 0.86 -2.95
CRICKET___VALLEY_CC1 323756	30.54 0.82 -8.23	27.91 0.80 -5.63	25.60 0.76 -4.80	24.72 0.73 -4.90	23.75 0.79 -1.51	25.76 0.80 -3.48	29.48 0.95 -3.46	35.15 1.10 -8.51	35.59 1.27 -6.17	36.09 1.31 -5.60	34.80 1.13 -7.99	35.92 1.15 -9.24	36.26 1.12 -11.38	36.32 1.02 -13.18	37.00 1.01 -14.45	35.98 1.05 -12.95	39.36 1.08 -15.83	42.03 1.11 -17.87	37.99 1.13 -12.82	38.25 1.12 -12.86	33.31 1.17 -6.09	28.88 0.94 -4.92	27.14 0.80 -4.84	24.78 0.82 -2.48
CRICKET___VALLEY_CC2 323757	30.54 0.82 -8.23	27.91 0.80 -5.63	25.60 0.76 -4.80	24.72 0.73 -4.90	23.75 0.79 -1.51	25.76 0.80 -3.48	29.48 0.95 -3.46	35.15 1.10 -8.51	35.59 1.27 -6.17	36.09 1.31 -5.60	34.80 1.13 -7.99	35.92 1.15 -9.24	36.26 1.12 -11.38	36.32 1.02 -13.18	37.00 1.01 -14.45	35.98 1.05 -12.95	39.36 1.08 -15.83	42.03 1.11 -17.87	37.99 1.13 -12.82	38.25 1.12 -12.86	33.31 1.17 -6.09	28.88 0.94 -4.92	27.14 0.80 -4.84	24.78 0.82 -2.48
CRICKET___VALLEY_CC3 323758	30.54 0.82 -8.23	27.91 0.80 -5.63	25.60 0.76 -4.80	24.72 0.73 -4.90	23.75 0.79 -1.51	25.76 0.80 -3.48	29.48 0.95 -3.46	35.15 1.10 -8.51	35.59 1.27 -6.17	36.09 1.31 -5.60	34.80 1.13 -7.99	35.92 1.15 -9.24	36.26 1.12 -11.38	36.32 1.02 -13.18	37.00 1.01 -14.45	35.98 1.05 -12.95	39.36 1.08 -15.83	42.03 1.11 -17.87	37.99 1.13 -12.82	38.25 1.12 -12.86	33.31 1.17 -6.09	28.88 0.94 -4.92	27.14 0.80 -4.84	24.78 0.82 -2.48
CRUCIBLE_METL_DRP 24180	22.05 0.06 -0.50	21.84 0.04 -0.31	20.31 0.00 -0.27	19.36 0.00 -0.27	21.57 0.04 -0.08	21.76 0.09 -0.19	25.41 0.15 -0.19	26.14 0.13 -0.47	28.59 0.08 -0.37	29.62 0.12 -0.33	26.26 0.10 -0.47	26.21 0.13 -0.55	24.53 0.10 -0.67	23.06 0.15 -0.78	22.47 0.09 -0.85	22.83 0.13 -0.72	23.44 0.11 -0.88	24.20 0.16 -0.99	24.86 0.10 -0.71	25.15 0.17 -0.71	26.54 0.16 -0.34	23.48 0.18 -0.27	21.88 0.11 -0.27	21.71 0.09 -0.14
DAHOWA___HYDRO 323763	33.56 1.33 -10.74	29.56 1.31 -6.77	27.03 1.22 -5.77	26.17 1.18 -5.89	24.65 1.39 -1.82	27.08 1.42 -4.18	30.95 1.73 -4.16	37.55 1.76 -10.24	37.43 1.77 -7.51	37.80 1.81 -6.82	37.07 1.67 -9.72	38.41 1.64 -11.24	38.86 1.38 -13.72	39.36 1.35 -15.89	40.12 1.16 -17.42	38.66 1.10 -15.59	42.61 1.10 -19.05	45.76 1.20 -21.51	40.75 1.27 -15.43	41.04 1.31 -15.46	34.82 1.46 -7.32	30.22 1.29 -5.91	28.40 1.07 -5.82	25.58 1.12 -2.98
DANC___LFGE 323619	21.95 0.13 -0.33	21.74 0.04 -0.21	20.22 0.00 -0.18	19.31 0.04 -0.18	21.63 0.13 -0.06	21.85 0.24 -0.13	25.59 0.40 -0.13	26.21 0.33 -0.34	28.70 0.31 -0.24	29.66 0.26 -0.22	26.20 0.20 -0.32	26.13 0.23 -0.37	24.36 0.14 -0.45	22.73 0.09 -0.52	22.10 0.00 -0.57	22.58 0.09 -0.51	23.19 0.11 -0.63	23.87 0.12 -0.71	24.70 0.15 -0.51	24.94 0.19 -0.48	26.43 0.16 -0.23	23.37 0.16 -0.18	21.79 0.11 -0.18	21.69 0.11 -0.09
DANSKAMMER___1 23586	31.11 1.27 -8.35	27.94 1.25 -5.21	25.58 1.10 -4.44	24.64 1.01 -4.54	23.94 1.09 -1.40	25.86 1.16 -3.22	29.67 1.40 -3.20	34.99 1.58 -7.86	35.60 1.75 -5.71	36.19 1.84 -5.18	34.71 1.65 -7.38	35.74 1.66 -8.54	35.89 1.62 -10.51	35.69 1.39 -12.17	36.26 1.38 -13.35	35.39 1.45 -11.96	38.58 1.50 -14.62	41.11 1.54 -16.51	37.47 1.59 -11.84	37.74 1.58 -11.90	33.32 1.64 -5.63	28.93 1.36 -4.55	27.15 1.16 -4.48	24.85 1.07 -2.29
DANSKAMMER___2 23589	31.11 1.27 -8.35	27.94 1.25 -5.21	25.58 1.10 -4.44	24.64 1.01 -4.54	23.94 1.09 -1.40	25.86 1.16 -3.22	29.67 1.40 -3.20	34.99 1.58 -7.86	35.60 1.75 -5.71	36.19 1.84 -5.18	34.71 1.65 -7.38	35.74 1.66 -8.54	35.89 1.62 -10.51	35.69 1.39 -12.17	36.26 1.38 -13.35	35.39 1.45 -11.96	38.58 1.50 -14.62	41.11 1.54 -16.51	37.47 1.59 -11.84	37.74 1.58 -11.90	33.32 1.64 -5.63	28.93 1.36 -4.55	27.15 1.16 -4.48	24.85 1.07 -2.29
DANSKAMMER___3 23590	31.11 1.27 -8.35	27.94 1.25 -5.21	25.58 1.10 -4.44	24.64 1.01 -4.54	23.94 1.09 -1.40	25.86 1.16 -3.22	29.67 1.40 -3.20	34.99 1.58 -7.86	35.60 1.75 -5.71	36.19 1.84 -5.18	34.71 1.65 -7.38	35.74 1.66 -8.54	35.89 1.62 -10.51	35.69 1.39 -12.17	36.26 1.38 -13.35	35.39 1.45 -11.96	38.58 1.50 -14.62	41.11 1.54 -16.51	37.47 1.59 -11.84	37.74 1.58 -11.90	33.32 1.64 -5.63	28.93 1.36 -4.55	27.15 1.16 -4.48	24.85 1.07 -2.29
DANSKAMMER___4 23591	31.11 1.27 -8.35	27.94 1.25 -5.21	25.58 1.10 -4.44	24.64 1.01 -4.54	23.94 1.09 -1.40	25.86 1.16 -3.22	29.67 1.40 -3.20	34.99 1.58 -7.86	35.60 1.75 -5.71	36.19 1.84 -5.18	34.71 1.65 -7.38	35.74 1.66 -8.54	35.89 1.62 -10.51	35.69 1.39 -12.17	36.26 1.38 -13.35	35.39 1.45 -11.96	38.58 1.50 -14.62	41.11 1.54 -16.51	37.47 1.59 -11.84	37.74 1.58 -11.90	33.32 1.64 -5.63	28.93 1.36 -4.55	27.15 1.16 -4.48	24.85 1.07 -2.29
DANSKAMMER___DIESEL 23592	31.11 1.27 -8.35	27.94 1.25 -5.21	25.58 1.10 -4.44	24.64 1.01 -4.54	23.96 1.12 -1.40	25.88 1.18 -3.22	29.67 1.40 -3.20	35.03 1.58 -7.90	35.60 1.74 -5.71	36.20 1.84 -5.19	34.72 1.64 -7.39	35.75 1.66 -8.55	35.88 1.62 -10.50	35.68 1.39 -12.16	36.24 1.38 -13.34	35.45 1.45 -12.03	38.66 1.50 -14.70	41.19 1.54 -16.60	37.54 1.59 -11.90	37.74 1.58 -11.90	33.32 1.64 -5.63	28.93 1.36 -4.55	27.15 1.16 -4.48	24.85 1.07 -2.29

DARBY___SOLAR 323810	33.46 1.25 -10.72	29.47 1.22 -6.76	26.94 1.14 -5.76	26.10 1.13 -5.89	24.57 1.31 -1.82	26.99 1.33 -4.17	30.85 1.63 -4.15	37.44 1.66 -10.23	37.34 1.69 -7.51	37.74 1.75 -6.81	36.99 1.59 -9.71	38.32 1.56 -11.23	38.82 1.35 -13.70	39.30 1.30 -15.87	40.08 1.14 -17.41	38.64 1.10 -15.57	42.58 1.10 -19.03	45.74 1.20 -21.49	40.71 1.25 -15.41	40.99 1.29 -15.44	34.78 1.43 -7.31	30.17 1.24 -5.90	28.37 1.05 -5.81	25.54 1.07 -2.98
DASHVILLE___HYD 23610	30.88 0.79 -8.60	27.64 0.77 -5.38	25.30 0.68 -4.58	24.39 0.61 -4.68	23.60 0.71 -1.45	25.52 0.71 -3.32	29.22 0.85 -3.31	34.78 1.07 -8.16	35.18 1.15 -5.88	35.74 1.23 -5.34	34.37 1.08 -7.61	35.46 1.12 -8.80	35.86 1.26 -10.83	35.71 1.04 -12.54	36.37 1.08 -13.76	35.36 0.97 -12.42	38.69 1.06 -15.18	41.25 1.06 -17.14	37.42 1.08 -12.29	37.62 1.07 -12.28	32.93 1.07 -5.81	28.62 0.90 -4.70	26.88 0.75 -4.62	24.52 0.67 -2.37
DEERFIELD_69_KV_DEERFIELD LD 355887	35.84 3.03 -11.32	30.71 2.99 -6.24	31.28 2.77 -8.47	28.41 2.54 -6.78	25.56 2.70 -1.42	27.45 2.75 -3.22	32.96 3.38 -4.51	37.14 3.68 -7.91	37.90 4.02 -5.73	38.71 4.29 -5.25	36.95 3.70 -7.57	37.96 3.73 -8.70	37.95 3.54 -10.64	39.35 3.21 -14.02	38.09 3.21 -13.35	37.58 3.27 -12.33	40.66 3.44 -14.78	43.21 3.50 -16.66	39.59 3.58 -11.96	39.74 3.57 -11.91	37.67 3.72 -7.90	35.64 3.13 -9.49	32.01 2.90 -7.60	29.09 2.84 -4.77
DELAWARE___LFGE 323621	24.03 0.52 -2.02	23.26 0.52 -1.26	21.56 0.44 -1.07	20.63 0.44 -1.10	22.30 0.51 -0.34	22.84 0.58 -0.78	26.57 0.73 -0.77	28.17 0.72 -1.91	30.44 0.79 -1.51	31.36 0.82 -1.37	28.32 0.69 -1.95	28.48 0.69 -2.25	27.17 0.64 -2.77	25.90 0.58 -3.20	25.58 0.54 -3.51	25.52 0.64 -2.91	26.68 0.67 -3.56	27.71 0.65 -4.02	27.60 0.67 -2.88	27.90 0.75 -2.88	28.19 0.78 -1.36	24.77 0.64 -1.10	23.11 0.52 -1.08	22.51 0.47 -0.56
DERFIELD_115KV_TB7 355931	21.57 0.09 0.00	21.57 0.09 0.00	20.10 0.06 0.00	19.17 0.08 0.00	21.55 0.11 0.00	21.59 0.11 0.00	25.22 0.15 0.00	25.70 0.15 0.00	28.31 0.17 0.00	29.35 0.18 0.00	25.84 0.15 0.00	25.67 0.13 0.00	23.88 0.12 0.00	22.21 0.09 0.00	21.62 0.09 0.00	22.06 0.09 0.00	22.54 0.09 0.00	23.14 0.09 0.00	24.14 0.10 0.00	24.37 0.10 0.00	26.15 0.10 0.00	23.11 0.09 0.00	21.57 0.06 0.00	21.55 0.06 0.00
DOGLEVILLE___HYD 23807	21.68 0.19 0.00	21.68 0.19 0.00	20.22 0.18 0.00	19.28 0.19 0.00	21.79 0.34 0.00	21.74 0.26 0.00	25.42 0.35 0.00	25.88 0.33 0.00	28.51 0.36 0.00	29.55 0.38 0.00	25.99 0.31 0.00	25.82 0.28 0.00	24.00 0.24 0.00	22.26 0.13 0.00	21.62 0.09 0.00	22.09 0.11 0.00	22.56 0.11 0.00	23.12 0.07 0.00	24.12 0.07 0.00	24.34 0.07 0.00	26.15 0.10 0.00	23.14 0.12 0.00	21.64 0.13 0.00	21.66 0.17 0.00
DUNKIRK___115KV_TB_200 55889	22.39 0.15 -0.76	22.13 0.17 -0.47	20.44 0.00 -0.40	19.52 0.02 -0.41	21.53 -0.04 -0.13	22.02 0.24 -0.29	25.61 0.25 -0.29	26.24 -0.03 -0.72	28.50 -0.20 -0.56	29.36 -0.32 -0.50	26.14 -0.26 -0.72	26.06 -0.31 -0.83	24.59 -0.19 -1.02	23.35 0.04 -1.18	22.87 0.04 -1.30	23.22 0.15 -1.10	23.79 0.00 -1.34	24.59 0.02 -1.51	24.96 -0.17 -1.08	25.26 -0.10 -1.08	26.56 0.00 -0.51	23.74 0.30 -0.41	22.04 0.13 -0.41	22.00 0.30 -0.21
DUNKIRK___1 23563	22.39 0.15 -0.76	22.13 0.17 -0.47	20.44 0.00 -0.40	19.52 0.02 -0.41	21.53 -0.04 -0.13	22.02 0.24 -0.29	25.61 0.25 -0.29	26.24 -0.03 -0.72	28.50 -0.20 -0.56	29.36 -0.32 -0.50	26.14 -0.26 -0.72	26.06 -0.31 -0.83	24.59 -0.19 -1.02	23.35 0.04 -1.18	22.87 0.04 -1.30	23.22 0.15 -1.10	23.79 0.00 -1.34	24.59 0.02 -1.51	24.96 -0.17 -1.08	25.26 -0.10 -1.08	26.56 0.00 -0.51	23.74 0.30 -0.41	22.04 0.13 -0.41	22.00 0.30 -0.21
DUNKIRK___2 23564	22.39 0.15 -0.76	22.13 0.17 -0.47	20.44 0.00 -0.40	19.52 0.02 -0.41	21.53 -0.04 -0.13	22.02 0.24 -0.29	25.61 0.25 -0.29	26.24 -0.03 -0.72	28.50 -0.20 -0.56	29.36 -0.32 -0.50	26.14 -0.26 -0.72	26.06 -0.31 -0.83	24.59 -0.19 -1.02	23.35 0.04 -1.18	22.87 0.04 -1.30	23.22 0.15 -1.10	23.79 0.00 -1.34	24.59 0.02 -1.51	24.96 -0.17 -1.08	25.26 -0.10 -1.08	26.56 0.00 -0.51	23.74 0.30 -0.41	22.04 0.13 -0.41	22.00 0.30 -0.21
DUNKIRK___3 23565	22.22 -0.02 -0.76	21.96 0.00 -0.47	20.28 -0.16 -0.40	19.37 -0.13 -0.41	21.36 -0.21 -0.13	21.84 0.06 -0.29	25.41 0.05 -0.29	26.03 -0.23 -0.72	28.28 -0.42 -0.56	29.15 -0.53 -0.50	25.94 -0.46 -0.72	25.86 -0.51 -0.83	24.40 -0.38 -1.02	23.17 -0.13 -1.18	22.72 -0.11 -1.30	23.05 -0.02 -1.10	23.63 -0.16 -1.34	24.42 -0.14 -1.51	24.82 -0.31 -1.08	25.09 -0.27 -1.08	26.38 -0.18 -0.51	23.57 0.14 -0.41	21.89 -0.02 -0.41	21.82 0.13 -0.21
DUNKIRK___4 23566	22.27 0.04 -0.74	22.02 0.06 -0.47	20.34 -0.10 -0.40	19.44 -0.06 -0.41	21.44 -0.13 -0.13	21.92 0.15 -0.29	25.50 0.15 -0.29	26.10 -0.15 -0.71	28.35 -0.34 -0.55	29.20 -0.47 -0.50	26.00 -0.39 -0.71	25.92 -0.43 -0.82	24.46 -0.31 -1.00	23.22 -0.07 -1.16	22.74 -0.06 -1.27	23.09 0.04 -1.07	23.65 -0.11 -1.31	24.44 -0.09 -1.48	24.85 -0.26 -1.06	25.14 -0.19 -1.06	26.42 -0.13 -0.50	23.61 0.18 -0.41	21.95 0.04 -0.40	21.88 0.19 -0.21
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	31.14 1.29 -8.36	27.94 1.25 -5.21	25.60 1.12 -4.44	24.64 1.01 -4.53	23.91 1.07 -1.40	25.80 1.10 -3.22	29.62 1.35 -3.20	35.05 1.61 -7.90	35.75 1.89 -5.72	36.35 1.98 -5.19	34.88 1.80 -7.40	35.88 1.79 -8.55	36.00 1.73 -10.50	35.79 1.50 -12.16	36.40 1.53 -13.34	35.56 1.56 -12.02	38.79 1.64 -14.70	41.28 1.64 -16.59	37.63 1.68 -11.90	37.81 1.65 -11.89	33.39 1.72 -5.63	29.00 1.43 -4.55	27.21 1.23 -4.48	24.92 1.14 -2.29
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	30.47 1.05 -7.94	27.46 1.03 -4.95	25.18 0.92 -4.22	24.26 0.86 -4.31	23.69 0.92 -1.33	25.51 0.97 -3.06	29.26 1.15 -3.04	34.41 1.35 -7.51	35.09 1.52 -5.42	35.67 1.58 -4.92	34.09 1.39 -7.02	35.06 1.40 -8.12	35.11 1.38 -9.97	34.84 1.17 -11.54	35.37 1.18 -12.66	34.63 1.23 -11.43	37.72 1.30 -13.96	40.13 1.31 -15.77	36.70 1.35 -11.31	36.91 1.33 -11.30	32.77 1.38 -5.35	28.52 1.17 -4.32	26.75 0.99 -4.25	24.57 0.90 -2.18
E179THST_138_KV_TB4_REV_LBMP_J 345001	31.27 1.42 -8.36	28.05 1.35 -5.21	25.64 1.16 -4.44	24.66 1.03 -4.53	23.79 0.94 -1.40	25.60 0.90 -3.22	29.42 1.15 -3.20	34.95 1.51 -7.90	35.72 1.86 -5.72	36.32 1.95 -5.19	34.93 1.85 -7.40	36.01 1.92 -8.55	36.07 1.81 -10.50	35.79 1.50 -12.16	36.35 1.49 -13.34	35.49 1.49 -12.02	38.72 1.57 -14.70	41.19 1.54 -16.59	37.56 1.61 -11.90	37.72 1.55 -11.89	33.29 1.61 -5.63	28.88 1.31 -4.55	27.10 1.12 -4.48	24.83 1.05 -2.29
E179THST_13_KV_LOAD 356214	31.37 1.53 -8.36	28.15 1.46 -5.21	25.74 1.26 -4.44	24.73 1.11 -4.53	23.87 1.03 -1.40	25.71 1.01 -3.22	29.54 1.28 -3.20	35.08 1.63 -7.90	35.89 2.03 -5.72	36.46 2.10 -5.19	35.06 1.98 -7.40	36.16 2.07 -8.55	36.21 1.95 -10.50	35.90 1.62 -12.16	36.46 1.59 -13.34	35.62 1.63 -12.02	38.85 1.71 -14.70	41.33 1.68 -16.59	37.70 1.76 -11.90	37.86 1.70 -11.89	33.42 1.75 -5.63	29.00 1.43 -4.55	27.21 1.23 -4.48	24.92 1.14 -2.29

EAST HAMPTON___GT 23717	36.14 3.33 -11.32	30.99 3.26 -6.24	31.54 3.03 -8.47	28.66 2.79 -6.78	25.84 2.98 -1.42	27.71 3.01 -3.22	33.28 3.71 -4.51	37.46 4.03 -7.88	38.25 4.39 -5.72	39.17 4.76 -5.24	37.39 4.14 -7.57	38.38 4.16 -8.68	38.34 3.92 -10.66	39.74 3.58 -14.03	38.48 3.58 -13.37	37.88 3.62 -12.28	40.98 3.82 -14.71	43.53 3.90 -16.59	39.95 3.99 -11.90	40.16 3.98 -11.91	38.03 4.09 -7.90	36.01 3.50 -9.49	32.29 3.18 -7.60	29.35 3.09 -4.77
EAST RIVER___6 23660	31.27 1.42 -8.36	28.05 1.35 -5.21	25.68 1.20 -4.44	24.68 1.05 -4.53	23.87 1.03 -1.40	25.73 1.03 -3.22	29.57 1.30 -3.20	35.09 1.69 -7.86	35.88 2.03 -5.71	36.48 2.13 -5.18	35.02 1.95 -7.38	36.04 1.97 -8.54	36.18 1.90 -10.52	35.89 1.59 -12.18	36.50 1.62 -13.36	35.57 1.63 -11.97	38.81 1.73 -14.63	41.27 1.71 -16.51	37.62 1.73 -11.84	37.89 1.72 -11.89	33.50 1.82 -5.63	29.07 1.50 -4.55	27.25 1.27 -4.48	24.94 1.16 -2.29
EAST RIVER___7 23524	31.27 1.42 -8.36	28.05 1.35 -5.21	25.68 1.20 -4.44	24.68 1.05 -4.53	23.87 1.03 -1.40	25.73 1.03 -3.22	29.57 1.30 -3.20	35.09 1.69 -7.86	35.88 2.03 -5.71	36.48 2.13 -5.18	35.02 1.95 -7.38	36.04 1.97 -8.54	36.18 1.90 -10.52	35.89 1.59 -12.18	36.50 1.62 -13.36	35.57 1.63 -11.97	38.81 1.73 -14.63	41.27 1.71 -16.51	37.62 1.73 -11.84	37.89 1.72 -11.89	33.50 1.82 -5.63	29.07 1.50 -4.55	27.25 1.27 -4.48	24.94 1.16 -2.29
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	31.06 1.25 -8.33	27.88 1.20 -5.19	25.54 1.08 -4.42	24.58 0.97 -4.52	23.87 1.03 -1.39	25.76 1.07 -3.20	29.56 1.30 -3.19	34.97 1.56 -7.87	35.64 1.80 -5.70	36.24 1.90 -5.17	34.77 1.72 -7.37	35.77 1.71 -8.52	35.89 1.66 -10.46	35.68 1.44 -12.11	36.28 1.46 -13.29	35.45 1.49 -11.98	38.69 1.59 -14.64	41.15 1.57 -16.53	37.51 1.61 -11.86	37.70 1.58 -11.85	33.32 1.67 -5.61	28.94 1.38 -4.53	27.13 1.16 -4.46	24.87 1.10 -2.28
EAST_HAMPTON___DIESEL 23722	36.14 3.33 -11.32	30.99 3.26 -6.24	31.55 3.04 -8.47	28.68 2.81 -6.78	25.84 2.98 -1.42	27.71 3.01 -3.22	33.31 3.74 -4.51	37.46 4.03 -7.88	38.28 4.42 -5.72	39.17 4.76 -5.24	37.42 4.16 -7.57	38.38 4.16 -8.68	38.34 3.92 -10.66	39.77 3.61 -14.03	38.48 3.58 -13.37	37.90 3.65 -12.28	41.00 3.84 -14.71	43.56 3.92 -16.59	39.95 3.99 -11.90	40.16 3.98 -11.91	38.06 4.11 -7.90	36.01 3.50 -9.49	32.32 3.21 -7.60	29.37 3.11 -4.77
EAST_PULASKI___ESR 323781	22.07 0.19 -0.39	21.88 0.15 -0.24	20.33 0.08 -0.21	19.40 0.10 -0.21	21.70 0.19 -0.07	21.94 0.30 -0.15	25.62 0.40 -0.15	26.27 0.36 -0.37	28.80 0.37 -0.28	29.81 0.38 -0.26	26.36 0.31 -0.37	26.30 0.33 -0.43	24.57 0.29 -0.52	22.97 0.24 -0.61	22.35 0.15 -0.66	22.73 0.20 -0.56	23.34 0.20 -0.69	24.05 0.23 -0.77	24.82 0.22 -0.55	25.12 0.29 -0.55	26.57 0.26 -0.26	23.51 0.28 -0.21	21.95 0.24 -0.21	21.81 0.21 -0.11
EAST_RIVER___1 323558	31.24 1.40 -8.36	28.03 1.33 -5.21	25.66 1.18 -4.44	24.68 1.05 -4.53	23.89 1.05 -1.40	25.78 1.07 -3.22	29.62 1.35 -3.20	35.09 1.69 -7.86	35.85 2.00 -5.71	36.46 2.10 -5.18	34.99 1.93 -7.38	35.99 1.92 -8.54	36.13 1.85 -10.52	35.87 1.57 -12.18	36.46 1.57 -13.36	35.55 1.60 -11.97	38.76 1.68 -14.63	41.23 1.66 -16.51	37.60 1.71 -11.84	37.84 1.67 -11.89	33.47 1.80 -5.63	29.07 1.50 -4.55	27.23 1.25 -4.48	24.94 1.16 -2.29
EAST_RIVER___2 323559	31.27 1.42 -8.36	28.05 1.35 -5.21	25.68 1.20 -4.44	24.68 1.05 -4.53	23.87 1.03 -1.40	25.73 1.03 -3.22	29.57 1.30 -3.20	35.09 1.69 -7.86	35.88 2.03 -5.71	36.48 2.13 -5.18	35.02 1.95 -7.38	36.04 1.97 -8.54	36.18 1.90 -10.52	35.89 1.59 -12.18	36.50 1.62 -13.36	35.57 1.63 -11.97	38.81 1.73 -14.63	41.27 1.71 -16.51	37.62 1.73 -11.84	37.89 1.72 -11.89	33.50 1.82 -5.63	29.07 1.50 -4.55	27.25 1.27 -4.48	24.94 1.16 -2.29
EAST___DELAWARE_HYD 23607	29.21 0.84 -6.88	26.58 0.80 -4.30	24.42 0.72 -3.66	23.48 0.65 -3.74	23.28 0.69 -1.15	24.91 0.77 -2.65	28.63 0.93 -2.64	32.99 1.15 -6.30	33.96 1.24 -4.58	34.59 1.25 -4.16	32.66 1.05 -5.93	33.46 1.07 -6.85	33.23 1.04 -8.42	32.74 0.86 -9.75	33.13 0.90 -10.70	32.57 1.01 -9.59	35.27 1.10 -11.72	37.39 1.11 -13.23	34.69 1.15 -9.49	35.20 1.12 -9.81	31.83 1.14 -4.64	27.72 0.94 -3.75	26.00 0.80 -3.69	24.06 0.69 -1.89
EIGHT_POINT___WT_PWR 323820	22.75 0.36 -0.90	22.39 0.34 -0.56	20.74 0.22 -0.48	19.81 0.23 -0.49	21.87 0.28 -0.15	22.22 0.39 -0.35	26.04 0.63 -0.35	26.94 0.48 -0.91	29.15 0.34 -0.66	30.04 0.26 -0.60	26.72 0.18 -0.86	26.68 0.15 -0.99	25.15 0.17 -1.22	23.91 0.38 -1.41	23.38 0.30 -1.55	23.74 0.37 -1.39	24.49 0.34 -1.70	25.38 0.42 -1.92	25.73 0.31 -1.38	26.00 0.44 -1.29	27.15 0.49 -0.61	24.14 0.62 -0.49	22.40 0.41 -0.49	22.12 0.39 -0.25
ELBRIDGE_115KV_TB2 80188	21.93 -0.09 -0.53	21.75 -0.06 -0.33	20.20 -0.12 -0.28	19.28 -0.10 -0.29	21.40 -0.13 -0.09	21.65 -0.04 -0.20	25.24 -0.03 -0.20	25.99 -0.05 -0.50	28.42 -0.11 -0.39	29.44 -0.09 -0.35	26.08 -0.10 -0.50	26.04 -0.08 -0.58	24.41 -0.07 -0.71	22.93 -0.02 -0.83	22.37 -0.06 -0.91	22.72 -0.02 -0.76	23.34 -0.04 -0.93	24.10 0.00 -1.05	24.75 -0.05 -0.75	25.02 0.00 -0.75	26.38 -0.03 -0.36	23.36 0.05 -0.29	21.79 0.00 -0.28	21.61 -0.02 -0.15
ELEC_TRO_TEK 24086	34.43 1.63 -11.31	29.33 1.61 -6.24	29.97 1.46 -8.47	27.21 1.34 -6.78	24.28 1.42 -1.42	26.16 1.46 -3.22	31.33 1.75 -4.51	35.47 2.02 -7.90	36.12 2.25 -5.72	36.85 2.48 -5.19	35.34 2.13 -7.53	36.37 2.15 -8.69	36.44 2.04 -10.63	37.95 1.81 -14.01	36.70 1.83 -13.34	36.09 1.87 -12.25	39.13 1.95 -14.72	41.61 1.96 -16.60	37.97 2.02 -11.90	38.13 1.97 -11.90	35.97 2.08 -7.84	32.48 1.75 -7.71	30.60 1.57 -7.52	27.76 1.50 -4.77
ELLENBURG_WT_PWR 323604	21.62 0.13 0.00	21.55 0.06 0.00	20.20 0.16 0.00	19.21 0.12 0.00	21.57 0.13 0.00	21.66 0.17 0.00	25.26 0.20 0.00	25.44 -0.10 0.00	28.17 0.03 0.00	29.20 0.03 0.00	25.81 0.13 0.00	25.67 0.13 0.00	23.76 0.00 0.00	22.12 0.00 0.00	21.49 -0.04 0.00	21.87 -0.11 0.00	22.38 -0.07 0.00	23.03 -0.02 0.00	24.34 0.29 0.00	24.42 0.15 0.00	26.20 0.16 0.00	22.98 -0.05 0.00	21.40 -0.11 0.00	21.40 -0.09 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	22.08 -0.13 -0.72	21.83 -0.11 -0.45	20.16 -0.26 -0.38	19.27 -0.21 -0.39	21.26 -0.30 -0.12	21.72 -0.04 -0.28	25.24 -0.10 -0.28	25.74 -0.49 -0.68	27.97 -0.70 -0.53	28.81 -0.85 -0.48	25.65 -0.72 -0.68	25.56 -0.77 -0.79	24.14 -0.59 -0.97	22.94 -0.31 -1.12	22.44 -0.32 -1.23	22.79 -0.22 -1.04	23.32 -0.40 -1.27	24.09 -0.39 -1.43	24.52 -0.55 -1.03	24.81 -0.49 -1.03	26.09 -0.44 -0.49	23.32 -0.09 -0.39	21.70 -0.19 -0.39	21.71 0.02 -0.20
EMPIRE_CC_1 323656	32.34 0.64 -10.21	28.63 0.69 -6.46	26.19 0.64 -5.50	25.37 0.65 -5.63	23.91 0.73 -1.74	26.21 0.73 -3.99	29.94 0.90 -3.97	36.24 0.92 -9.78	36.20 1.04 -7.01	36.59 1.05 -6.37	35.65 0.90 -9.07	36.92 0.89 -10.49	37.64 0.81 -13.07	38.05 0.80 -15.13	38.88 0.75 -16.60	37.64 0.79 -14.88	41.40 0.76 -18.18	44.39 0.81 -20.53	39.64 0.86 -14.72	39.90 0.87 -14.76	33.97 0.94 -6.99	29.45 0.78 -5.64	27.66 0.60 -5.55	25.00 0.67 -2.85

EMPIRE_CC_2 323658	32.34 0.64 -10.21	28.63 0.69 -6.46	26.19 0.64 -5.50	25.37 0.65 -5.63	23.91 0.73 -1.74	26.21 0.73 -3.99	29.94 0.90 -3.97	36.24 0.92 -9.78	36.20 1.04 -7.01	36.59 1.05 -6.37	35.65 0.90 -9.07	36.92 0.89 -10.49	37.64 0.81 -13.07	38.05 0.80 -15.13	38.88 0.75 -16.60	37.64 0.79 -14.88	41.40 0.76 -18.18	44.39 0.81 -20.53	39.64 0.86 -14.72	39.90 0.87 -14.76	33.97 0.94 -6.99	29.45 0.78 -5.64	27.66 0.60 -5.55	25.00 0.67 -2.85
ENORWICH_115KV_TB1 80156	24.14 1.27 -1.39	23.60 1.25 -0.87	21.84 1.06 -0.74	20.96 1.11 -0.76	23.09 1.42 -0.23	23.59 1.57 -0.54	27.65 2.06 -0.53	28.75 1.89 -1.32	31.31 1.91 -1.25	32.09 1.78 -1.13	28.76 1.46 -1.62	28.79 1.38 -1.87	27.30 1.24 -2.30	25.91 1.13 -2.66	25.48 1.03 -2.92	25.34 1.36 -2.01	26.41 1.50 -2.45	27.34 1.52 -2.77	27.69 1.66 -1.98	28.12 1.87 -1.98	28.91 1.93 -0.94	25.42 1.63 -0.76	23.54 1.29 -0.75	23.05 1.18 -0.38
ERIE_ST__34_KV_TB1-2 80199	21.86 -0.37 -0.74	21.60 -0.34 -0.46	19.95 -0.48 -0.39	19.06 -0.44 -0.40	21.03 -0.54 -0.12	21.49 -0.28 -0.29	25.02 -0.33 -0.28	25.63 -0.61 -0.70	27.84 -0.84 -0.54	28.70 -0.96 -0.49	25.54 -0.85 -0.70	25.48 -0.87 -0.81	24.05 -0.71 -0.99	22.83 -0.44 -1.15	22.38 -0.41 -1.26	22.73 -0.31 -1.07	23.28 -0.47 -1.30	24.08 -0.44 -1.47	24.48 -0.63 -1.06	24.77 -0.56 -1.06	26.02 -0.52 -0.50	23.24 -0.18 -0.40	21.56 -0.34 -0.40	21.50 -0.19 -0.20
ERIE_WT_PWR 323693	22.13 -0.09 -0.73	21.84 -0.11 -0.46	20.21 -0.22 -0.39	19.30 -0.19 -0.40	21.31 -0.26 -0.12	21.62 -0.15 -0.28	25.30 -0.05 -0.28	25.90 -0.38 -0.74	28.09 -0.59 -0.54	28.93 -0.73 -0.49	25.73 -0.64 -0.69	25.68 -0.66 -0.80	24.25 -0.50 -0.99	23.07 -0.20 -1.14	22.55 -0.24 -1.25	22.95 -0.15 -1.12	23.51 -0.31 -1.37	24.33 -0.28 -1.55	24.70 -0.46 -1.11	24.93 -0.39 -1.05	26.20 -0.34 -0.49	23.42 0.00 -0.40	21.77 -0.13 -0.39	21.69 0.00 -0.20
ESPRGFLD_115KV_TB1 80157	24.28 0.75 -2.05	23.49 0.73 -1.28	21.75 0.62 -1.09	20.83 0.63 -1.11	22.56 0.77 -0.34	23.15 0.88 -0.79	26.98 1.13 -0.78	28.58 1.10 -1.93	30.90 1.24 -1.51	31.80 1.25 -1.37	28.72 1.08 -1.96	28.85 1.05 -2.27	27.50 0.95 -2.78	26.19 0.84 -3.22	25.84 0.78 -3.53	25.87 0.94 -2.95	27.06 1.01 -3.60	28.08 0.97 -4.06	27.97 1.01 -2.91	28.27 1.09 -2.91	28.54 1.12 -1.38	25.08 0.94 -1.11	23.33 0.73 -1.10	22.71 0.67 -0.56
ETNA_115_KV_TB1_REV_LBMP_C 345029	22.87 0.39 -1.00	22.48 0.37 -0.63	20.85 0.28 -0.53	19.92 0.29 -0.55	21.95 0.34 -0.17	22.32 0.45 -0.39	26.05 0.60 -0.38	27.06 0.56 -0.95	29.44 0.53 -0.76	30.39 0.53 -0.69	27.05 0.39 -0.99	27.04 0.36 -1.14	25.47 0.31 -1.40	24.10 0.35 -1.62	23.63 0.32 -1.78	23.86 0.44 -1.45	24.69 0.47 -1.77	25.60 0.55 -1.99	26.01 0.53 -1.43	26.31 0.61 -1.43	27.35 0.63 -0.68	24.14 0.58 -0.55	22.50 0.45 -0.54	22.17 0.41 -0.28
ETNA_____115KV_TB2 80207	22.87 0.39 -1.00	22.48 0.37 -0.63	20.85 0.28 -0.53	19.92 0.29 -0.55	21.95 0.34 -0.17	22.32 0.45 -0.39	26.05 0.60 -0.38	27.06 0.56 -0.95	29.44 0.53 -0.76	30.39 0.53 -0.69	27.05 0.39 -0.99	27.04 0.36 -1.14	25.47 0.31 -1.40	24.10 0.35 -1.62	23.63 0.32 -1.78	23.86 0.44 -1.45	24.69 0.47 -1.77	25.60 0.55 -1.99	26.01 0.53 -1.43	26.31 0.61 -1.43	27.35 0.63 -0.68	24.14 0.58 -0.55	22.50 0.45 -0.54	22.17 0.41 -0.28
EUCLID__115KV_TB2 356179	21.68 -0.24 -0.43	21.52 -0.24 -0.27	19.99 -0.28 -0.23	19.08 -0.25 -0.24	21.26 -0.26 -0.07	21.44 -0.21 -0.17	25.01 -0.23 -0.17	25.70 -0.26 -0.41	28.15 -0.31 -0.32	29.14 -0.32 -0.29	25.81 -0.28 -0.41	25.73 -0.28 -0.48	24.11 -0.24 -0.58	22.62 -0.18 -0.68	22.03 -0.24 -0.74	22.40 -0.20 -0.63	22.99 -0.22 -0.76	23.71 -0.21 -0.86	24.40 -0.26 -0.62	24.67 -0.22 -0.62	26.10 -0.23 -0.29	23.10 -0.16 -0.24	21.57 -0.17 -0.23	21.43 -0.17 -0.12
E_CANADA_CAP_HY 24051	34.23 1.89 -10.85	30.20 1.89 -6.83	27.58 1.72 -5.82	26.72 1.68 -5.95	25.21 1.93 -1.83	27.79 2.08 -4.22	31.79 2.53 -4.20	38.43 2.55 -10.34	38.16 2.45 -7.57	38.35 2.30 -6.87	37.51 2.03 -9.80	38.83 1.97 -11.33	39.37 1.78 -13.83	39.77 1.64 -16.01	40.64 1.55 -17.56	39.33 1.63 -15.73	43.34 1.66 -19.23	46.63 1.87 -21.71	41.59 1.97 -15.57	41.86 1.99 -15.60	35.87 2.45 -7.38	30.97 1.98 -5.96	29.06 1.68 -5.87	25.97 1.48 -3.01
E_CANADA_MHWK_HY 24050	21.68 0.19 0.00	21.68 0.19 0.00	20.22 0.18 0.00	19.28 0.19 0.00	21.79 0.34 0.00	21.74 0.26 0.00	25.42 0.35 0.00	25.88 0.33 0.00	28.51 0.36 0.00	29.55 0.38 0.00	25.99 0.31 0.00	25.82 0.33 0.00	24.00 0.24 0.00	22.26 0.13 0.00	21.62 0.09 0.00	22.09 0.11 0.00	22.56 0.11 0.00	23.12 0.07 0.00	24.12 0.07 0.00	24.34 0.07 0.00	26.15 0.10 0.00	23.14 0.12 0.00	21.64 0.13 0.00	21.66 0.17 0.00
E_FISHKILL__LBMP 23776	31.20 1.05 -8.66	27.91 1.03 -5.39	25.58 0.94 -4.59	24.65 0.86 -4.69	23.81 0.92 -1.45	25.76 0.95 -3.33	29.53 1.15 -3.31	35.05 1.33 -8.18	35.61 1.55 -5.92	36.15 1.60 -5.38	34.78 1.44 -7.66	35.85 1.46 -8.86	36.04 1.40 -10.88	35.93 1.22 -12.59	36.57 1.23 -13.81	35.70 1.27 -12.45	38.99 1.32 -15.22	41.57 1.34 -17.18	37.74 1.37 -12.32	37.94 1.36 -12.31	33.28 1.41 -5.83	28.91 1.17 -4.71	27.13 0.99 -4.64	24.81 0.95 -2.37
FALCON__SEABRD_CC1 323796	21.87 0.39 0.00	21.81 0.32 0.00	20.46 0.42 0.00	19.45 0.36 0.00	21.83 0.39 0.00	21.96 0.47 0.00	25.59 0.53 0.00	25.62 0.08 0.00	28.34 0.20 0.00	29.41 0.23 0.00	25.99 0.31 0.00	25.87 0.33 0.00	23.93 0.17 0.00	22.26 0.13 0.00	21.62 0.09 0.00	22.00 0.02 0.00	22.54 0.09 0.00	23.19 0.14 0.00	24.65 0.60 0.00	24.71 0.44 0.00	26.57 0.52 0.00	23.25 0.23 0.00	21.66 0.15 0.00	21.66 0.17 0.00
FALCON__SEABRD_CC2 323797	21.87 0.39 0.00	21.81 0.32 0.00	20.46 0.42 0.00	19.45 0.36 0.00	21.83 0.39 0.00	21.96 0.47 0.00	25.59 0.53 0.00	25.62 0.08 0.00	28.34 0.20 0.00	29.41 0.23 0.00	25.99 0.31 0.00	25.87 0.33 0.00	23.93 0.17 0.00	22.26 0.13 0.00	21.62 0.09 0.00	22.00 0.02 0.00	22.54 0.09 0.00	23.19 0.14 0.00	24.65 0.60 0.00	24.71 0.44 0.00	26.57 0.52 0.00	23.25 0.23 0.00	21.66 0.15 0.00	21.66 0.17 0.00
FAR ROCKAWAY__4 23548	34.82 2.02 -11.31	29.70 1.98 -6.24	30.29 1.78 -8.47	27.51 1.64 -6.78	24.64 1.78 -1.42	26.51 1.80 -3.22	31.73 2.16 -4.51	35.93 2.48 -7.90	36.65 2.79 -5.72	37.43 3.06 -5.19	35.88 2.67 -7.53	36.80 2.58 -8.69	36.85 2.45 -10.63	38.32 2.19 -14.01	37.05 2.17 -13.34	36.45 2.22 -12.25	39.46 2.29 -14.72	41.98 2.33 -16.60	38.36 2.40 -11.90	38.52 2.35 -11.90	36.47 2.58 -7.84	32.92 2.19 -7.71	30.99 1.96 -7.52	28.10 1.85 -4.77
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	31.25 1.40 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.68 1.05 -4.53	23.94 1.09 -1.40	25.82 1.12 -3.22	29.64 1.38 -3.20	35.16 1.71 -7.90	35.89 2.03 -5.72	36.46 2.10 -5.19	35.00 1.93 -7.40	36.03 1.94 -8.55	36.12 1.85 -10.50	35.85 1.57 -12.16	36.46 1.59 -13.34	35.60 1.60 -12.02	38.85 1.71 -14.69	41.32 1.68 -16.59	37.68 1.73 -11.90	37.86 1.70 -11.89	33.47 1.80 -5.63	29.07 1.50 -4.55	27.25 1.27 -4.48	24.94 1.16 -2.29

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	31.27 1.42 -8.36	28.05 1.35 -5.21	25.68 1.20 -4.44	24.68 1.05 -4.53	23.94 1.09 -1.40	25.82 1.12 -3.22	29.64 1.38 -3.20	35.16 1.71 -7.90	35.89 2.03 -5.72	36.46 2.10 -5.19	35.00 1.93 -7.40	36.03 1.94 -8.55	36.12 1.85 -10.50	35.85 1.57 -12.16	36.46 1.59 -13.34	35.60 1.60 -12.02	38.85 1.71 -14.69	41.32 1.68 -16.59	37.68 1.73 -11.90	37.86 1.70 -11.89	33.50 1.82 -5.63	29.07 1.50 -4.55	27.25 1.27 -4.48	24.94 1.16 -2.29
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	31.25 1.40 -8.36	28.02 1.33 -5.21	25.66 1.18 -4.44	24.68 1.05 -4.53	23.91 1.07 -1.40	25.80 1.10 -3.22	29.62 1.35 -3.20	35.13 1.69 -7.90	35.86 2.00 -5.72	36.46 2.10 -5.19	34.98 1.90 -7.40	36.01 1.92 -8.55	36.12 1.85 -10.50	35.85 1.57 -12.16	36.44 1.57 -13.34	35.58 1.58 -12.02	38.83 1.68 -14.69	41.30 1.66 -16.59	37.65 1.71 -11.90	37.84 1.67 -11.89	33.47 1.80 -5.63	29.04 1.47 -4.55	27.23 1.25 -4.48	24.94 1.16 -2.29
FARRAGUT___LBMP 323566	31.22 1.38 -8.36	28.00 1.31 -5.21	25.64 1.16 -4.44	24.66 1.03 -4.53	23.91 1.07 -1.40	25.78 1.07 -3.22	29.59 1.33 -3.20	35.10 1.66 -7.90	35.83 1.97 -5.72	36.43 2.07 -5.19	34.95 1.87 -7.40	35.98 1.89 -8.55	36.07 1.81 -10.50	35.83 1.55 -12.16	36.42 1.55 -13.34	35.56 1.56 -12.02	38.81 1.66 -14.69	41.28 1.64 -16.59	37.63 1.68 -11.90	37.81 1.65 -11.89	33.45 1.77 -5.63	29.04 1.47 -4.55	27.23 1.25 -4.48	24.92 1.14 -2.29
FENNER___WINDPWR 24204	22.17 0.45 -0.23	22.04 0.41 -0.15	20.50 0.34 -0.12	19.56 0.34 -0.13	22.02 0.54 -0.04	22.11 0.54 -0.09	25.88 0.73 -0.09	26.47 0.69 -0.23	29.05 0.73 -0.17	30.06 0.73 -0.15	26.52 0.62 -0.22	26.38 0.59 -0.25	24.60 0.52 -0.31	22.93 0.44 -0.36	22.29 0.37 -0.40	22.84 0.51 -0.36	23.43 0.54 -0.44	24.03 0.48 -0.49	24.93 0.53 -0.35	25.16 0.56 -0.33	26.77 0.57 -0.16	23.61 0.46 -0.13	22.00 0.37 -0.12	21.94 0.39 -0.06
FIBERTEK___ENERGY 23856	22.05 0.06 -0.50	21.84 0.04 -0.31	20.31 0.00 -0.27	19.36 0.00 -0.27	21.57 0.04 -0.08	21.76 0.09 -0.19	25.41 0.15 -0.19	26.14 0.13 -0.47	28.59 0.08 -0.37	29.62 0.12 -0.33	26.26 0.10 -0.47	26.21 0.13 -0.55	24.53 0.10 -0.67	23.06 0.15 -0.78	22.47 0.09 -0.85	22.83 0.13 -0.72	23.44 0.11 -0.88	24.20 0.16 -0.99	24.86 0.10 -0.71	25.15 0.17 -0.71	26.54 0.16 -0.34	23.48 0.18 -0.27	21.88 0.11 -0.27	21.71 0.09 -0.14
FITZPATRICK____ 23598	21.29 -0.52 -0.32	21.15 -0.54 -0.20	19.69 -0.52 -0.17	18.77 -0.50 -0.17	20.96 -0.54 -0.05	21.09 -0.52 -0.12	24.61 -0.58 -0.12	25.25 -0.61 -0.32	27.67 -0.70 -0.23	28.66 -0.73 -0.21	25.34 -0.64 -0.30	25.25 -0.64 -0.35	23.60 -0.59 -0.43	22.11 -0.51 -0.50	21.54 -0.54 -0.54	21.93 -0.53 -0.49	22.51 -0.54 -0.60	23.17 -0.55 -0.67	23.93 -0.60 -0.48	24.14 -0.58 -0.45	25.63 -0.63 -0.22	22.69 -0.51 -0.17	21.20 -0.47 -0.17	21.10 -0.47 -0.09
FLOWRFLD_69_KV_BK1 356044	35.16 2.34 -11.33	30.04 2.32 -6.24	30.63 2.12 -8.47	27.82 1.95 -6.78	24.83 1.97 -1.42	26.83 2.13 -3.22	32.18 2.61 -4.51	36.28 2.81 -7.92	36.95 3.07 -5.74	37.81 3.36 -5.28	36.13 2.85 -7.60	37.08 2.83 -8.70	37.10 2.69 -10.65	38.56 2.41 -14.03	37.30 2.41 -13.36	36.86 2.53 -12.36	39.86 2.60 -14.81	42.39 2.65 -16.68	38.78 2.74 -11.99	38.83 2.65 -11.92	36.84 2.86 -7.93	35.31 2.44 -9.85	31.44 2.30 -7.63	28.49 2.23 -4.77
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.22 1.33 -8.40	28.01 1.29 -5.24	25.65 1.14 -4.46	24.70 1.05 -4.56	24.01 1.16 -1.41	25.95 1.22 -3.23	29.74 1.45 -3.22	35.15 1.66 -7.95	35.69 1.80 -5.75	36.29 1.90 -5.22	34.81 1.70 -7.44	35.87 1.74 -8.60	35.99 1.66 -10.56	35.79 1.44 -12.23	36.38 1.44 -13.41	35.57 1.49 -12.10	38.78 1.55 -14.78	41.33 1.59 -16.69	37.65 1.64 -11.97	37.88 1.65 -11.96	33.40 1.69 -5.66	29.00 1.40 -4.58	27.21 1.20 -4.50	24.91 1.12 -2.31
FORT ORANGE____ 23900	32.67 0.67 -10.52	28.80 0.69 -6.62	26.30 0.62 -5.64	25.47 0.61 -5.77	23.93 0.71 -1.78	26.31 0.73 -4.09	30.06 0.93 -4.07	36.51 0.95 -10.02	36.45 0.93 -7.38	36.81 0.93 -6.70	36.11 0.87 -9.55	37.40 0.82 -11.04	37.94 0.78 -13.39	38.40 0.77 -15.51	39.25 0.71 -17.01	37.95 0.72 -15.25	41.81 0.72 -18.64	44.88 0.78 -21.04	39.96 0.82 -15.09	40.22 0.83 -15.13	34.12 0.91 -7.16	29.54 0.74 -5.78	27.78 0.58 -5.69	24.98 0.58 -2.92
FORT_DRUM_COGEN 23780	21.92 0.17 -0.26	21.69 0.04 -0.16	20.18 0.00 -0.14	19.29 0.06 -0.14	21.72 0.24 -0.04	21.95 0.37 -0.10	25.72 0.55 -0.10	26.25 0.46 -0.25	28.76 0.42 -0.19	29.67 0.32 -0.17	26.16 0.23 -0.25	26.08 0.26 -0.28	24.28 0.17 -0.35	22.57 0.04 -0.40	21.91 -0.06 -0.44	22.44 0.09 -0.37	23.09 0.18 -0.46	23.70 0.14 -0.52	24.63 0.22 -0.37	24.93 0.29 -0.37	26.48 0.26 -0.17	23.35 0.18 -0.14	21.73 0.09 -0.14	21.69 0.13 -0.07
FPL_FAR_ROCK_GT1 24212	34.82 2.02 -11.32	29.70 1.98 -6.24	30.30 1.78 -8.47	27.52 1.64 -6.78	24.62 1.76 -1.42	26.49 1.78 -3.22	31.73 2.16 -4.51	35.89 2.48 -7.87	36.61 2.76 -5.71	37.42 3.06 -5.19	35.88 2.67 -7.52	36.79 2.58 -8.68	36.87 2.45 -10.66	38.34 2.19 -14.03	37.07 2.17 -13.37	36.37 2.20 -12.20	39.40 2.29 -14.66	41.91 2.33 -16.54	38.31 2.40 -11.85	38.50 2.33 -11.90	36.47 2.58 -7.85	32.93 2.19 -7.72	30.99 1.96 -7.53	28.11 1.85 -4.77
FPL_FAR_ROCK_GT2 23815	34.82 2.02 -11.32	29.70 1.98 -6.24	30.30 1.78 -8.47	27.52 1.64 -6.78	24.62 1.76 -1.42	26.49 1.78 -3.22	31.73 2.16 -4.51	35.89 2.48 -7.87	36.61 2.76 -5.71	37.42 3.06 -5.19	35.88 2.67 -7.52	36.79 2.58 -8.68	36.87 2.45 -10.66	38.34 2.19 -14.03	37.07 2.17 -13.37	36.37 2.20 -12.20	39.40 2.29 -14.66	41.91 2.33 -16.54	38.31 2.40 -11.85	38.50 2.33 -11.90	36.47 2.58 -7.85	32.93 2.19 -7.72	30.99 1.96 -7.53	28.11 1.85 -4.77
FRANKLIN_FALL_HYD 24054	21.57 0.09 0.00	21.49 0.00 0.00	20.18 0.14 0.00	19.19 0.10 0.00	21.59 0.15 0.00	21.64 0.15 0.00	25.27 0.20 0.00	25.52 -0.03 0.00	28.26 0.11 0.00	29.29 0.12 0.00	25.89 0.21 0.00	25.74 0.20 0.00	23.81 0.05 0.00	22.12 0.00 0.00	21.49 -0.04 0.00	21.89 -0.09 0.00	22.41 -0.04 0.00	23.05 0.00 0.00	24.29 0.24 0.00	24.39 0.12 0.00	26.23 0.18 0.00	22.98 -0.05 0.00	21.40 -0.11 0.00	21.38 -0.11 0.00
FREEPORT_EQUS_GT1 23764	34.67 1.87 -11.32	29.57 1.85 -6.24	30.17 1.66 -8.47	27.44 1.57 -6.78	24.49 1.63 -1.42	26.40 1.70 -3.22	31.63 2.06 -4.51	35.71 2.30 -7.87	36.39 2.53 -5.71	37.19 2.83 -5.19	35.64 2.44 -7.52	36.66 2.45 -8.67	36.77 2.35 -10.65	38.25 2.10 -14.03	36.98 2.09 -13.36	36.30 2.13 -12.20	39.35 2.24 -14.65	41.84 2.26 -16.53	38.23 2.33 -11.85	38.43 2.26 -11.90	36.28 2.39 -7.84	32.78 2.05 -7.71	30.86 1.83 -7.52	28.00 1.74 -4.77
FREEPORT___CT2 23818	34.67 1.87 -11.32	29.57 1.85 -6.24	30.17 1.66 -8.47	27.44 1.57 -6.78	24.49 1.63 -1.42	26.40 1.70 -3.22	31.63 2.06 -4.51	35.71 2.30 -7.87	36.39 2.53 -5.71	37.19 2.83 -5.19	35.64 2.44 -7.52	36.66 2.45 -8.67	36.77 2.35 -10.65	38.25 2.10 -14.03	36.98 2.09 -13.36	36.30 2.13 -12.20	39.35 2.24 -14.65	41.84 2.26 -16.53	38.23 2.33 -11.85	38.43 2.26 -11.90	36.28 2.39 -7.84	32.78 2.05 -7.71	30.86 1.83 -7.52	28.00 1.74 -4.77

FRESHKLS_33_KV_LOAD 356253	31.15 1.31 -8.35	27.91 1.22 -5.20	25.51 1.04 -4.43	24.54 0.92 -4.53	23.69 0.86 -1.39	25.53 0.84 -3.21	29.29 1.03 -3.19	34.92 1.48 -7.89	35.33 1.89 -5.30	35.36 1.98 -4.21	34.92 1.87 -7.36	35.16 1.92 -7.71	36.09 1.83 -10.49	35.78 1.50 -12.15	36.07 1.51 -13.04	35.53 1.54 -12.02	38.80 1.66 -14.69	41.29 1.66 -16.58	36.60 1.71 -10.84	37.39 1.67 -11.44	33.31 1.64 -5.62	28.85 1.29 -4.54	27.03 1.05 -4.47	24.72 0.95 -2.29
FULTON COGEN____ 23766	22.06 0.15 -0.43	21.88 0.13 -0.27	20.33 0.06 -0.23	19.40 0.08 -0.23	21.69 0.17 -0.07	21.87 0.21 -0.17	25.50 0.28 -0.16	26.21 0.26 -0.41	28.71 0.25 -0.31	29.78 0.32 -0.28	26.37 0.28 -0.41	26.31 0.31 -0.47	24.60 0.26 -0.58	23.06 0.27 -0.67	22.46 0.19 -0.73	22.81 0.22 -0.62	23.45 0.25 -0.76	24.18 0.28 -0.85	24.90 0.24 -0.61	25.17 0.29 -0.61	26.62 0.29 -0.29	23.53 0.28 -0.23	21.95 0.22 -0.23	21.80 0.19 -0.12
FULTON____LFGE 323630	34.61 2.28 -10.85	30.57 2.26 -6.83	27.92 2.06 -5.82	27.04 2.00 -5.95	25.98 2.70 -1.83	28.17 2.47 -4.22	32.32 3.06 -4.20	38.87 2.99 -10.34	38.50 2.79 -7.57	38.58 2.54 -6.87	37.66 2.18 -9.80	38.98 2.12 -11.33	39.49 1.90 -13.83	40.04 1.90 -16.01	40.94 1.85 -17.56	39.64 1.93 -15.73	43.68 2.00 -19.23	47.02 2.26 -21.71	41.97 2.36 -15.57	42.27 2.40 -15.60	36.24 2.81 -7.38	31.27 2.28 -5.96	29.33 1.96 -5.87	26.23 1.74 -3.01
G.F.CEMENT____DRP 24184	33.69 1.44 -10.76	29.68 1.42 -6.78	27.14 1.32 -5.78	26.30 1.30 -5.90	24.81 1.54 -1.82	27.26 1.59 -4.19	31.14 1.90 -4.17	37.78 1.94 -10.29	37.58 1.97 -7.46	37.96 2.01 -6.77	37.21 1.87 -9.66	38.52 1.81 -11.17	39.09 1.47 -13.85	39.60 1.44 -16.04	40.32 1.21 -17.59	38.73 1.10 -15.66	42.67 1.08 -19.14	45.88 1.22 -21.61	40.82 1.27 -15.50	41.07 1.31 -15.49	34.86 1.48 -7.33	30.28 1.34 -5.92	28.46 1.12 -5.83	25.65 1.18 -2.99
GARDENVILLE____LBMP 24039	22.09 -0.13 -0.73	21.84 -0.11 -0.46	20.17 -0.26 -0.39	19.26 -0.23 -0.40	21.27 -0.30 -0.12	21.73 -0.04 -0.28	25.25 -0.10 -0.28	25.78 -0.46 -0.69	28.01 -0.68 -0.54	28.84 -0.82 -0.49	25.68 -0.69 -0.69	25.60 -0.74 -0.80	24.18 -0.57 -0.99	22.98 -0.29 -1.14	22.48 -0.30 -1.25	22.83 -0.20 -1.06	23.36 -0.38 -1.29	24.16 -0.35 -1.46	24.59 -0.51 -1.05	24.88 -0.44 -1.05	26.15 -0.39 -0.49	23.35 -0.07 -0.40	21.73 -0.17 -0.39	21.71 0.02 -0.20
GARDNVLA_35_KV_LD 355827	22.15 -0.06 -0.73	21.92 -0.02 -0.46	20.25 -0.18 -0.39	19.34 -0.15 -0.40	21.35 -0.21 -0.12	21.81 0.04 -0.28	25.35 0.00 -0.28	25.88 -0.36 -0.69	28.12 -0.56 -0.54	28.96 -0.70 -0.49	25.79 -0.59 -0.69	25.70 -0.64 -0.80	24.27 -0.48 -0.99	23.07 -0.20 -1.14	22.57 -0.22 -1.25	22.92 -0.11 -1.06	23.45 -0.29 -1.29	24.26 -0.25 -1.46	24.69 -0.41 -1.05	24.98 -0.34 -1.05	26.25 -0.29 -0.50	23.45 0.02 -0.40	21.79 -0.11 -0.39	21.77 0.09 -0.20
GELCKHM__115KV_LOAD 80723	21.81 -0.13 -0.46	21.64 -0.13 -0.29	20.10 -0.18 -0.24	19.19 -0.15 -0.25	21.37 -0.15 -0.08	21.58 -0.09 -0.18	25.17 -0.08 -0.18	25.88 -0.10 -0.43	28.31 -0.17 -0.34	29.33 -0.15 -0.31	25.99 -0.13 -0.43	25.91 -0.13 -0.50	24.26 -0.12 -0.62	22.79 -0.04 -0.71	22.21 -0.11 -0.78	22.57 -0.07 -0.66	23.17 -0.09 -0.81	23.89 -0.07 -0.91	24.58 -0.12 -0.65	24.85 -0.07 -0.65	26.25 -0.10 -0.31	23.23 -0.05 -0.25	21.69 -0.06 -0.25	21.55 -0.06 -0.13
GENERAL____MILLS 23808	22.11 -0.11 -0.73	21.86 -0.09 -0.46	20.21 -0.22 -0.39	19.30 -0.19 -0.40	21.31 -0.26 -0.12	21.77 0.00 -0.28	25.30 -0.05 -0.28	25.83 -0.41 -0.69	28.06 -0.62 -0.54	28.90 -0.76 -0.49	25.73 -0.64 -0.69	25.65 -0.69 -0.80	24.23 -0.52 -0.99	23.02 -0.24 -1.14	22.52 -0.26 -1.25	22.88 -0.15 -1.06	23.41 -0.34 -1.29	24.21 -0.30 -1.46	24.64 -0.46 -1.05	24.93 -0.39 -1.05	26.20 -0.34 -0.49	23.40 -0.02 -0.40	21.75 -0.15 -0.39	21.73 0.04 -0.20
GE_PLASTICS____DRP 24183	32.73 0.67 -10.58	28.81 0.67 -6.65	26.31 0.60 -5.67	25.48 0.59 -5.79	23.92 0.69 -1.79	26.30 0.71 -4.11	30.01 0.85 -4.09	36.51 0.87 -10.10	36.37 0.90 -7.32	36.75 0.93 -6.65	36.00 0.85 -9.47	37.31 0.82 -10.95	38.14 0.78 -13.60	38.60 0.73 -15.74	39.49 0.69 -17.27	38.07 0.73 -15.37	41.95 0.72 -18.78	45.02 0.76 -21.20	40.05 0.79 -15.21	40.24 0.78 -15.20	34.10 0.86 -7.19	29.55 0.71 -5.81	27.81 0.58 -5.72	25.00 0.58 -2.93
GILBOA____1 23756	32.60 0.80 -10.31	28.72 0.77 -6.46	26.26 0.72 -5.50	25.40 0.69 -5.62	23.93 0.75 -1.74	26.25 0.77 -3.99	29.94 0.90 -3.97	36.26 0.95 -9.77	36.29 1.04 -7.10	36.70 1.08 -6.45	35.82 0.95 -9.19	37.11 0.95 -10.63	37.74 0.90 -13.07	38.10 0.84 -15.13	38.95 0.82 -16.60	37.68 0.83 -14.87	41.48 0.85 -18.18	44.45 0.88 -20.53	39.68 0.91 -14.72	39.92 0.90 -14.75	33.99 0.96 -6.98	29.52 0.85 -5.64	27.79 0.73 -5.55	25.06 0.73 -2.84
GILBOA____2 23757	32.60 0.80 -10.31	28.72 0.77 -6.46	26.26 0.72 -5.50	25.40 0.69 -5.62	23.93 0.75 -1.74	26.25 0.77 -3.99	29.94 0.90 -3.97	36.26 0.95 -9.77	36.29 1.04 -7.10	36.70 1.08 -6.45	35.82 0.95 -9.19	37.11 0.95 -10.63	37.74 0.90 -13.07	38.10 0.84 -15.13	38.95 0.82 -16.60	37.68 0.83 -14.87	41.48 0.85 -18.18	44.45 0.88 -20.53	39.68 0.91 -14.72	39.92 0.90 -14.75	33.99 0.96 -6.98	29.52 0.85 -5.64	27.79 0.73 -5.55	25.06 0.73 -2.84
GILBOA____3 23758	32.60 0.80 -10.31	28.72 0.77 -6.46	26.26 0.72 -5.50	25.40 0.69 -5.62	23.93 0.75 -1.74	26.25 0.77 -3.99	29.94 0.90 -3.97	36.26 0.95 -9.77	36.29 1.04 -7.10	36.70 1.08 -6.45	35.82 0.95 -9.19	37.11 0.95 -10.63	37.74 0.90 -13.07	38.10 0.84 -15.13	38.95 0.82 -16.60	37.68 0.83 -14.87	41.48 0.85 -18.18	44.45 0.88 -20.53	39.68 0.91 -14.72	39.92 0.90 -14.75	33.99 0.96 -6.98	29.52 0.85 -5.64	27.79 0.73 -5.55	25.06 0.73 -2.84
GILBOA____4 23759	32.60 0.80 -10.31	28.72 0.77 -6.46	26.26 0.72 -5.50	25.40 0.69 -5.62	23.93 0.75 -1.74	26.25 0.77 -3.99	29.94 0.90 -3.97	36.26 0.95 -9.77	36.29 1.04 -7.10	36.70 1.08 -6.45	35.82 0.95 -9.19	37.11 0.95 -10.63	37.74 0.90 -13.07	38.10 0.84 -15.13	38.95 0.82 -16.60	37.68 0.83 -14.87	41.48 0.85 -18.18	44.45 0.88 -20.53	39.68 0.91 -14.72	39.92 0.90 -14.75	33.99 0.96 -6.98	29.52 0.85 -5.64	27.79 0.73 -5.55	25.06 0.73 -2.84
GILBOA____ 23599	32.60 0.79 -10.31	28.74 0.79 -6.46	26.26 0.72 -5.50	25.40 0.69 -5.62	23.95 0.77 -1.74	26.25 0.77 -3.99	29.94 0.90 -3.97	36.29 0.95 -9.80	36.29 1.04 -7.10	36.70 1.08 -6.45	35.83 0.95 -9.19	37.11 0.94 -10.63	37.73 0.90 -13.07	38.07 0.82 -15.13	38.94 0.82 -16.59	37.73 0.84 -14.92	41.53 0.85 -18.23	44.51 0.88 -20.58	39.72 0.91 -14.76	39.92 0.90 -14.75	33.99 0.96 -6.98	29.52 0.85 -5.64	27.79 0.73 -5.55	25.06 0.73 -2.84
GINNA____ 23603	21.14 -0.90 -0.56	20.87 -0.97 -0.35	19.46 -0.88 -0.30	18.54 -0.86 -0.31	20.57 -0.96 -0.09	20.78 -0.92 -0.22	24.35 -0.93 -0.22	24.99 -1.12 -0.57	27.26 -1.29 -0.41	28.15 -1.40 -0.37	25.01 -1.21 -0.53	24.93 -1.23 -0.61	23.45 -1.07 -0.76	22.09 -0.91 -0.88	21.50 -0.99 -0.96	21.89 -0.94 -0.86	22.45 -1.05 -1.05	23.18 -1.06 -1.19	23.79 -1.11 -0.85	24.03 -1.04 -0.80	25.35 -1.07 -0.38	22.52 -0.81 -0.31	20.95 -0.86 -0.30	20.82 -0.82 -0.15

GLEN PARK____ 23778	22.03 0.28 -0.27	21.81 0.15 -0.17	20.28 0.10 -0.14	19.39 0.15 -0.15	21.83 0.34 -0.05	22.06 0.47 -0.10	25.90 0.73 -0.10	26.43 0.61 -0.27	28.90 0.56 -0.20	29.82 0.47 -0.18	26.30 0.36 -0.25	26.22 0.38 -0.29	24.39 0.26 -0.36	22.70 0.16 -0.42	22.03 0.04 -0.46	22.61 0.22 -0.41	23.27 0.31 -0.50	23.92 0.30 -0.57	24.82 0.36 -0.41	25.11 0.46 -0.38	26.64 0.42 -0.18	23.49 0.32 -0.15	21.87 0.22 -0.14	21.80 0.24 -0.07
GLENDALDE_27_KV_LOAD 356172	31.33 1.48 -8.36	28.11 1.42 -5.21	25.72 1.24 -4.44	24.73 1.11 -4.53	23.94 1.09 -1.40	25.80 1.10 -3.22	29.62 1.35 -3.20	35.21 1.76 -7.90	36.00 2.14 -5.72	36.61 2.25 -5.19	35.16 2.08 -7.40	36.21 2.12 -8.55	36.28 2.02 -10.50	35.99 1.70 -12.16	36.57 1.70 -13.34	35.71 1.71 -12.02	38.96 1.82 -14.70	41.42 1.77 -16.59	37.80 1.85 -11.90	37.96 1.80 -11.89	33.52 1.85 -5.63	29.09 1.52 -4.55	27.25 1.27 -4.48	24.96 1.18 -2.29
GLENWOOD_IC_1_G5 23712	34.43 1.63 -11.31	29.31 1.59 -6.24	29.95 1.44 -8.47	27.19 1.32 -6.78	24.25 1.39 -1.42	26.14 1.44 -3.22	31.33 1.75 -4.51	35.47 2.02 -7.90	35.95 2.08 -5.72	36.67 2.30 -5.19	35.27 2.05 -7.53	36.29 2.07 -8.69	36.37 1.97 -10.63	37.86 1.73 -14.01	36.62 1.74 -13.34	36.01 1.78 -12.25	39.04 1.86 -14.72	41.52 1.87 -16.60	37.88 1.92 -11.90	38.04 1.87 -11.90	35.94 2.06 -7.84	32.53 1.80 -7.71	30.58 1.55 -7.52	27.72 1.46 -4.77
GLENWOOD_IC_2_G1 23688	34.28 1.48 -11.31	29.16 1.44 -6.24	29.79 1.28 -8.47	27.06 1.18 -6.78	24.08 1.22 -1.42	25.97 1.27 -3.22	31.13 1.55 -4.51	35.23 1.81 -7.87	35.91 2.05 -5.71	36.57 2.22 -5.18	35.18 1.98 -7.52	36.20 1.99 -8.67	36.32 1.90 -10.65	37.83 1.68 -14.03	36.57 1.68 -13.36	35.89 1.72 -12.20	38.92 1.82 -14.65	41.38 1.80 -16.53	37.75 1.85 -11.85	37.99 1.82 -11.90	35.81 1.93 -7.84	32.35 1.61 -7.71	30.43 1.40 -7.52	27.57 1.31 -4.77
GLENWOOD_IC_3_G1 23689	34.28 1.48 -11.31	29.16 1.44 -6.24	29.79 1.28 -8.47	27.06 1.18 -6.78	24.08 1.22 -1.42	25.97 1.27 -3.22	31.13 1.55 -4.51	35.23 1.81 -7.87	35.91 2.05 -5.71	36.57 2.22 -5.18	35.18 1.98 -7.52	36.20 1.99 -8.67	36.32 1.90 -10.65	37.83 1.68 -14.03	36.57 1.68 -13.36	35.89 1.72 -12.20	38.92 1.82 -14.65	41.38 1.80 -16.53	37.75 1.85 -11.85	37.99 1.82 -11.90	35.81 1.93 -7.84	32.35 1.61 -7.71	30.43 1.40 -7.52	27.57 1.31 -4.77
GLENWOOD____4 23550	34.43 1.63 -11.31	29.31 1.59 -6.24	29.95 1.44 -8.47	27.19 1.32 -6.78	24.25 1.39 -1.42	26.14 1.44 -3.22	31.33 1.75 -4.51	35.47 2.02 -7.90	36.03 2.17 -5.72	36.73 2.36 -5.19	35.34 2.13 -7.53	36.34 2.12 -8.69	36.44 2.04 -10.63	37.92 1.79 -14.01	36.66 1.79 -13.34	36.07 1.85 -12.25	39.10 1.93 -14.72	41.56 1.91 -16.60	37.92 1.97 -11.90	38.08 1.92 -11.90	35.97 2.08 -7.84	32.53 1.80 -7.71	30.58 1.55 -7.52	27.72 1.46 -4.77
GLENWOOD____5 23614	34.43 1.63 -11.31	29.31 1.59 -6.24	29.95 1.44 -8.47	27.19 1.32 -6.78	24.25 1.39 -1.42	26.14 1.44 -3.22	31.33 1.75 -4.51	35.47 2.02 -7.90	36.03 2.17 -5.72	36.73 2.36 -5.19	35.34 2.13 -7.53	36.34 2.12 -8.69	36.44 2.04 -10.63	37.92 1.79 -14.01	36.66 1.79 -13.34	36.07 1.85 -12.25	39.10 1.93 -14.72	41.56 1.91 -16.60	37.92 1.97 -11.90	38.08 1.92 -11.90	35.97 2.08 -7.84	32.53 1.80 -7.71	30.58 1.55 -7.52	27.72 1.46 -4.77
GLOBAL GREEN_PORT_GT1 23814	36.05 3.24 -11.32	30.90 3.18 -6.24	31.46 2.95 -8.47	28.58 2.71 -6.78	25.78 2.92 -1.42	27.62 2.92 -3.22	33.20 3.63 -4.51	37.35 3.93 -7.88	38.14 4.28 -5.72	39.05 4.64 -5.24	37.29 4.03 -7.57	38.25 4.03 -8.68	38.22 3.80 -10.66	39.65 3.49 -14.03	38.37 3.47 -13.37	37.79 3.54 -12.28	40.89 3.73 -14.71	43.44 3.80 -16.59	39.85 3.90 -11.90	40.04 3.86 -11.91	37.93 3.98 -7.90	35.90 3.39 -9.49	32.21 3.10 -7.60	29.26 3.01 -4.77
GLOBE____DSASP 323697	21.59 -0.58 -0.68	21.38 -0.54 -0.43	19.76 -0.64 -0.36	18.87 -0.59 -0.37	20.83 -0.73 -0.11	21.26 -0.49 -0.26	24.65 -0.68 -0.26	25.04 -1.15 -0.65	27.18 -1.46 -0.50	28.00 -1.63 -0.45	24.92 -1.41 -0.65	24.86 -1.43 -0.75	23.50 -1.19 -0.92	22.33 -0.86 -1.07	21.84 -0.86 -1.17	22.19 -0.77 -0.99	22.65 -1.01 -1.21	23.42 -0.99 -1.36	23.85 -1.18 -0.98	24.13 -1.12 -0.98	25.39 -1.12 -0.46	22.73 -0.67 -0.37	21.16 -0.71 -0.37	21.24 -0.43 -0.19
GOETHSLN____LBMP 323567	31.16 1.31 -8.36	27.94 1.25 -5.21	25.58 1.10 -4.44	24.56 0.94 -4.53	23.81 0.96 -1.40	25.67 0.97 -3.22	29.47 1.20 -3.20	34.95 1.51 -7.90	35.63 1.77 -5.72	35.26 1.87 -4.22	34.75 1.70 -7.37	35.80 1.71 -8.55	35.93 1.66 -10.50	35.68 1.39 -12.16	35.97 1.40 -13.04	35.43 1.43 -12.02	38.65 1.50 -14.69	41.12 1.48 -16.59	36.41 1.52 -10.85	37.64 1.48 -11.89	33.32 1.64 -5.63	28.93 1.36 -4.55	27.12 1.14 -4.48	24.81 1.03 -2.29
GOLAH____69_KV_TB 1_2 80279	22.17 0.11 -0.58	21.96 0.11 -0.36	20.39 0.04 -0.31	19.45 0.04 -0.32	21.52 -0.02 -0.10	21.86 0.15 -0.22	25.46 0.18 -0.22	25.99 -0.10 -0.55	28.35 -0.23 -0.43	29.27 -0.29 -0.39	26.03 -0.21 -0.55	25.89 -0.28 -0.64	24.38 -0.17 -0.78	23.03 0.00 -0.91	22.44 -0.09 -1.00	22.84 0.02 -0.84	23.39 -0.09 -1.03	24.14 -0.07 -1.16	24.76 -0.12 -0.83	25.10 0.00 -0.83	26.49 0.05 -0.39	23.55 0.21 -0.32	21.93 0.11 -0.31	21.93 0.28 -0.16
GOODYEAR_LAKE_HYD 323669	24.20 0.67 -2.05	23.41 0.64 -1.28	21.69 0.56 -1.09	20.76 0.55 -1.11	22.45 0.66 -0.34	23.03 0.75 -0.79	26.80 0.95 -0.78	28.43 0.95 -1.93	30.70 1.04 -1.51	31.63 1.08 -1.37	28.57 0.92 -1.96	28.70 0.89 -2.27	27.38 0.83 -2.78	26.07 0.73 -3.22	25.73 0.67 -3.53	25.73 0.81 -2.95	26.93 0.88 -3.60	27.94 0.83 -4.06	27.83 0.87 -2.91	28.13 0.95 -2.91	28.41 0.99 -1.38	24.97 0.83 -1.11	23.25 0.65 -1.10	22.65 0.60 -0.56
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	22.93 0.09 -1.36	22.42 0.09 -0.85	20.77 0.00 -0.73	19.85 0.02 -0.74	21.72 0.04 -0.23	22.14 0.13 -0.53	25.76 0.18 -0.52	26.96 0.13 -1.29	29.24 0.08 -1.01	30.15 0.06 -0.92	27.01 0.03 -1.31	27.07 0.03 -1.51	25.66 0.05 -1.85	24.38 0.11 -2.15	23.99 0.11 -2.35	24.12 0.18 -1.97	25.03 0.18 -2.40	25.95 0.18 -2.71	26.11 0.12 -1.95	26.38 0.17 -1.94	27.15 0.18 -0.92	24.02 0.25 -0.74	22.39 0.15 -0.73	21.99 0.13 -0.38
GOUDEY____7 23579	22.95 0.11 -1.36	22.44 0.11 -0.85	20.79 0.02 -0.73	19.87 0.04 -0.74	21.72 0.04 -0.23	22.16 0.15 -0.53	25.79 0.20 -0.52	26.99 0.15 -1.29	29.27 0.11 -1.01	30.18 0.09 -0.92	27.04 0.05 -1.31	27.10 0.05 -1.51	25.69 0.07 -1.85	24.40 0.13 -2.15	24.01 0.13 -2.35	24.14 0.20 -1.97	25.06 0.20 -2.40	25.97 0.21 -2.71	26.14 0.14 -1.95	26.41 0.19 -1.94	27.17 0.21 -0.92	24.04 0.28 -0.74	22.41 0.17 -0.73	21.99 0.13 -0.38
GOUDEY____8 23580	22.93 0.09 -1.36	22.42 0.09 -0.85	20.77 0.00 -0.73	19.85 0.02 -0.74	21.72 0.04 -0.23	22.14 0.13 -0.53	25.76 0.18 -0.52	26.96 0.13 -1.29	29.24 0.08 -1.01	30.15 0.06 -0.92	27.01 0.03 -1.31	27.07 0.03 -1.51	25.66 0.05 -1.85	24.38 0.11 -2.15	23.99 0.11 -2.35	24.12 0.18 -1.97	25.03 0.18 -2.40	25.95 0.18 -2.71	26.11 0.12 -1.95	26.38 0.17 -1.94	27.15 0.18 -0.92	24.02 0.25 -0.74	22.39 0.15 -0.73	21.99 0.13 -0.38

GOWANUS_GT1_1 24077	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.85 1.01 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.08 1.63 -7.90	35.89 2.03 -5.72	36.49 2.13 -5.19	35.08 2.00 -7.40	36.13 2.04 -8.55	36.21 1.95 -10.50	35.90 1.62 -12.16	36.50 1.64 -13.34	35.65 1.65 -12.02	38.90 1.75 -14.70	41.39 1.75 -16.59	37.75 1.80 -11.90	37.94 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
GOWANUS_GT1_2 24078	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.85 1.01 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.08 1.63 -7.90	35.89 2.03 -5.72	36.49 2.13 -5.19	35.08 2.00 -7.40	36.13 2.04 -8.55	36.21 1.95 -10.50	35.90 1.62 -12.16	36.50 1.64 -13.34	35.65 1.65 -12.02	38.90 1.75 -14.70	41.39 1.75 -16.59	37.75 1.80 -11.90	37.94 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
GOWANUS_GT1_3 24079	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.85 1.01 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.08 1.63 -7.90	35.89 2.03 -5.72	36.49 2.13 -5.19	35.08 2.00 -7.40	36.13 2.04 -8.55	36.21 1.95 -10.50	35.90 1.62 -12.16	36.50 1.64 -13.34	35.65 1.65 -12.02	38.90 1.75 -14.70	41.39 1.75 -16.59	37.75 1.80 -11.90	37.94 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
GOWANUS_GT1_4 24080	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.85 1.01 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.08 1.63 -7.90	35.89 2.03 -5.72	36.49 2.13 -5.19	35.08 2.00 -7.40	36.13 2.04 -8.55	36.21 1.95 -10.50	35.90 1.62 -12.16	36.50 1.64 -13.34	35.65 1.65 -12.02	38.90 1.75 -14.70	41.39 1.75 -16.59	37.75 1.80 -11.90	37.94 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
GOWANUS_GT1_5 24084	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.85 1.01 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.08 1.63 -7.90	35.89 2.03 -5.72	36.49 2.13 -5.19	35.08 2.00 -7.40	36.13 2.04 -8.55	36.21 1.95 -10.50	35.90 1.62 -12.16	36.50 1.64 -13.34	35.65 1.65 -12.02	38.90 1.75 -14.70	41.39 1.75 -16.59	37.75 1.80 -11.90	37.94 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
GOWANUS_GT1_6 24111	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.85 1.01 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.08 1.63 -7.90	35.89 2.03 -5.72	36.49 2.13 -5.19	35.08 2.00 -7.40	36.13 2.04 -8.55	36.21 1.95 -10.50	35.90 1.62 -12.16	36.50 1.64 -13.34	35.65 1.65 -12.02	38.90 1.75 -14.70	41.39 1.75 -16.59	37.75 1.80 -11.90	37.94 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
GOWANUS_GT1_7 24112	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.85 1.01 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.08 1.63 -7.90	35.89 2.03 -5.72	36.49 2.13 -5.19	35.08 2.00 -7.40	36.13 2.04 -8.55	36.21 1.95 -10.50	35.90 1.62 -12.16	36.50 1.64 -13.34	35.65 1.65 -12.02	38.90 1.75 -14.70	41.39 1.75 -16.59	37.75 1.80 -11.90	37.94 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
GOWANUS_GT1_8 24113	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.85 1.01 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.08 1.63 -7.90	35.89 2.03 -5.72	36.49 2.13 -5.19	35.08 2.00 -7.40	36.13 2.04 -8.55	36.21 1.95 -10.50	35.90 1.62 -12.16	36.50 1.64 -13.34	35.65 1.65 -12.02	38.90 1.75 -14.70	41.39 1.75 -16.59	37.75 1.80 -11.90	37.94 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
GOWANUS_GT2_1 24114	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.83 0.99 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.04 1.64 -7.86	35.88 2.03 -5.71	36.48 2.13 -5.18	35.07 2.00 -7.38	36.12 2.04 -8.54	36.23 1.95 -10.52	35.91 1.61 -12.18	36.52 1.64 -13.36	35.61 1.67 -11.97	38.83 1.75 -14.63	41.29 1.73 -16.51	37.70 1.80 -11.84	37.93 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
GOWANUS_GT2_2 24115	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.83 0.99 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.04 1.64 -7.86	35.88 2.03 -5.71	36.48 2.13 -5.18	35.07 2.00 -7.38	36.12 2.04 -8.54	36.23 1.95 -10.52	35.91 1.61 -12.18	36.52 1.64 -13.36	35.61 1.67 -11.97	38.83 1.75 -14.63	41.29 1.73 -16.51	37.70 1.80 -11.84	37.93 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
GOWANUS_GT2_3 24116	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.83 0.99 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.04 1.64 -7.86	35.88 2.03 -5.71	36.48 2.13 -5.18	35.07 2.00 -7.38	36.12 2.04 -8.54	36.23 1.95 -10.52	35.91 1.61 -12.18	36.52 1.64 -13.36	35.61 1.67 -11.97	38.83 1.75 -14.63	41.29 1.73 -16.51	37.70 1.80 -11.84	37.93 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
GOWANUS_GT2_4 24117	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.83 0.99 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.04 1.64 -7.86	35.88 2.03 -5.71	36.48 2.13 -5.18	35.07 2.00 -7.38	36.12 2.04 -8.54	36.23 1.95 -10.52	35.91 1.61 -12.18	36.52 1.64 -13.36	35.61 1.67 -11.97	38.83 1.75 -14.63	41.29 1.73 -16.51	37.70 1.80 -11.84	37.93 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
GOWANUS_GT2_5 24118	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.83 0.99 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.04 1.64 -7.86	35.88 2.03 -5.71	36.48 2.13 -5.18	35.07 2.00 -7.38	36.12 2.04 -8.54	36.23 1.95 -10.52	35.91 1.61 -12.18	36.52 1.64 -13.36	35.61 1.67 -11.97	38.83 1.75 -14.63	41.29 1.73 -16.51	37.70 1.80 -11.84	37.93 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
GOWANUS_GT2_6 24119	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.83 0.99 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.04 1.64 -7.86	35.88 2.03 -5.71	36.48 2.13 -5.18	35.07 2.00 -7.38	36.12 2.04 -8.54	36.23 1.95 -10.52	35.91 1.61 -12.18	36.52 1.64 -13.36	35.61 1.67 -11.97	38.83 1.75 -14.63	41.29 1.73 -16.51	37.70 1.80 -11.84	37.93 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
GOWANUS_GT2_7 24120	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.83 0.99 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.04 1.64 -7.86	35.88 2.03 -5.71	36.48 2.13 -5.18	35.07 2.00 -7.38	36.12 2.04 -8.54	36.23 1.95 -10.52	35.91 1.61 -12.18	36.52 1.64 -13.36	35.61 1.67 -11.97	38.83 1.75 -14.63	41.29 1.73 -16.51	37.70 1.80 -11.84	37.93 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29

GOWANUS_GT2_8 24121	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.83 0.99 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.04 1.64 -7.86	35.88 2.03 -5.71	36.48 2.13 -5.18	35.07 2.00 -7.38	36.12 2.04 -8.54	36.23 1.95 -10.52	35.91 1.61 -12.18	36.52 1.64 -13.36	35.61 1.67 -11.97	38.83 1.75 -14.63	41.29 1.73 -16.51	37.70 1.80 -11.84	37.93 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
GOWANUS_GT3_1 24122	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.83 0.99 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.04 1.64 -7.86	35.88 2.03 -5.71	36.48 2.13 -5.18	35.07 2.00 -7.38	36.12 2.04 -8.54	36.23 1.95 -10.52	35.91 1.61 -12.18	36.52 1.64 -13.36	35.61 1.67 -11.97	38.83 1.75 -14.63	41.29 1.73 -16.51	37.70 1.80 -11.84	37.93 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
GOWANUS_GT3_2 24123	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.83 0.99 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.04 1.64 -7.86	35.88 2.03 -5.71	36.48 2.13 -5.18	35.07 2.00 -7.38	36.12 2.04 -8.54	36.23 1.95 -10.52	35.91 1.61 -12.18	36.52 1.64 -13.36	35.61 1.67 -11.97	38.83 1.75 -14.63	41.29 1.73 -16.51	37.70 1.80 -11.84	37.93 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
GOWANUS_GT3_3 24124	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.83 0.99 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.04 1.64 -7.86	35.88 2.03 -5.71	36.48 2.13 -5.18	35.07 2.00 -7.38	36.12 2.04 -8.54	36.23 1.95 -10.52	35.91 1.61 -12.18	36.52 1.64 -13.36	35.61 1.67 -11.97	38.83 1.75 -14.63	41.29 1.73 -16.51	37.70 1.80 -11.84	37.93 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
GOWANUS_GT3_4 24125	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.83 0.99 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.04 1.64 -7.86	35.88 2.03 -5.71	36.48 2.13 -5.18	35.07 2.00 -7.38	36.12 2.04 -8.54	36.23 1.95 -10.52	35.91 1.61 -12.18	36.52 1.64 -13.36	35.61 1.67 -11.97	38.83 1.75 -14.63	41.29 1.73 -16.51	37.70 1.80 -11.84	37.93 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
GOWANUS_GT3_5 24126	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.83 0.99 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.04 1.64 -7.86	35.88 2.03 -5.71	36.48 2.13 -5.18	35.07 2.00 -7.38	36.12 2.04 -8.54	36.23 1.95 -10.52	35.91 1.61 -12.18	36.52 1.64 -13.36	35.61 1.67 -11.97	38.83 1.75 -14.63	41.29 1.73 -16.51	37.70 1.80 -11.84	37.93 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
GOWANUS_GT3_6 24127	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.83 0.99 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.04 1.64 -7.86	35.88 2.03 -5.71	36.48 2.13 -5.18	35.07 2.00 -7.38	36.12 2.04 -8.54	36.23 1.95 -10.52	35.91 1.61 -12.18	36.52 1.64 -13.36	35.61 1.67 -11.97	38.83 1.75 -14.63	41.29 1.73 -16.51	37.70 1.80 -11.84	37.93 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
GOWANUS_GT3_7 24128	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.83 0.99 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.04 1.64 -7.86	35.88 2.03 -5.71	36.48 2.13 -5.18	35.07 2.00 -7.38	36.12 2.04 -8.54	36.23 1.95 -10.52	35.91 1.61 -12.18	36.52 1.64 -13.36	35.61 1.67 -11.97	38.83 1.75 -14.63	41.29 1.73 -16.51	37.70 1.80 -11.84	37.93 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
GOWANUS_GT3_8 24129	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.83 0.99 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.04 1.64 -7.86	35.88 2.03 -5.71	36.48 2.13 -5.18	35.07 2.00 -7.38	36.12 2.04 -8.54	36.23 1.95 -10.52	35.91 1.61 -12.18	36.52 1.64 -13.36	35.61 1.67 -11.97	38.83 1.75 -14.63	41.29 1.73 -16.51	37.70 1.80 -11.84	37.93 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
GOWANUS_GT4_1 24130	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.85 1.01 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.08 1.63 -7.90	35.89 2.03 -5.72	36.49 2.13 -5.19	35.08 2.00 -7.40	36.13 2.04 -8.55	36.21 1.95 -10.50	35.90 1.62 -12.16	36.50 1.64 -13.34	35.65 1.65 -12.02	38.90 1.75 -14.70	41.39 1.75 -16.59	37.75 1.80 -11.90	37.94 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
GOWANUS_GT4_2 24131	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.85 1.01 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.08 1.63 -7.90	35.89 2.03 -5.72	36.49 2.13 -5.19	35.08 2.00 -7.40	36.13 2.04 -8.55	36.21 1.95 -10.50	35.90 1.62 -12.16	36.50 1.64 -13.34	35.65 1.65 -12.02	38.90 1.75 -14.70	41.39 1.75 -16.59	37.75 1.80 -11.90	37.94 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
GOWANUS_GT4_3 24132	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.85 1.01 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.08 1.63 -7.90	35.89 2.03 -5.72	36.49 2.13 -5.19	35.08 2.00 -7.40	36.13 2.04 -8.55	36.21 1.95 -10.50	35.90 1.62 -12.16	36.50 1.64 -13.34	35.65 1.65 -12.02	38.90 1.75 -14.70	41.39 1.75 -16.59	37.75 1.80 -11.90	37.94 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
GOWANUS_GT4_4 24133	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.85 1.01 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.08 1.63 -7.90	35.89 2.03 -5.72	36.49 2.13 -5.19	35.08 2.00 -7.40	36.13 2.04 -8.55	36.21 1.95 -10.50	35.90 1.62 -12.16	36.50 1.64 -13.34	35.65 1.65 -12.02	38.90 1.75 -14.70	41.39 1.75 -16.59	37.75 1.80 -11.90	37.94 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
GOWANUS_GT4_5 24134	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.85 1.01 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.08 1.63 -7.90	35.89 2.03 -5.72	36.49 2.13 -5.19	35.08 2.00 -7.40	36.13 2.04 -8.55	36.21 1.95 -10.50	35.90 1.62 -12.16	36.50 1.64 -13.34	35.65 1.65 -12.02	38.90 1.75 -14.70	41.39 1.75 -16.59	37.75 1.80 -11.90	37.94 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
GOWANUS_GT4_6 24135	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.85 1.01 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.08 1.63 -7.90	35.89 2.03 -5.72	36.49 2.13 -5.19	35.08 2.00 -7.40	36.13 2.04 -8.55	36.21 1.95 -10.50	35.90 1.62 -12.16	36.50 1.64 -13.34	35.65 1.65 -12.02	38.90 1.75 -14.70	41.39 1.75 -16.59	37.75 1.80 -11.90	37.94 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29

GOWANUS_GT4_7 24136	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.85 1.01 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.08 1.63 -7.90	35.89 2.03 -5.72	36.49 2.13 -5.19	35.08 2.00 -7.40	36.13 2.04 -8.55	36.21 1.95 -10.50	35.90 1.62 -12.16	36.50 1.64 -13.34	35.65 1.65 -12.02	38.90 1.75 -14.70	41.39 1.75 -16.59	37.75 1.80 -11.90	37.94 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
GOWANUS_GT4_8 24137	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.85 1.01 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.08 1.63 -7.90	35.89 2.03 -5.72	36.49 2.13 -5.19	35.08 2.00 -7.40	36.13 2.04 -8.55	36.21 1.95 -10.50	35.90 1.62 -12.16	36.50 1.64 -13.34	35.65 1.65 -12.02	38.90 1.75 -14.70	41.39 1.75 -16.59	37.75 1.80 -11.90	37.94 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
GREENBSH_115KV_TB3 55895	32.62 0.56 -10.57	28.70 0.56 -6.66	26.23 0.52 -5.67	25.39 0.50 -5.80	23.83 0.60 -1.79	26.22 0.62 -4.11	29.93 0.78 -4.09	36.44 0.79 -10.10	36.26 0.79 -7.33	36.64 0.82 -6.65	35.90 0.74 -9.48	37.19 0.69 -10.96	38.09 0.67 -13.66	38.60 0.66 -15.82	39.48 0.60 -17.35	37.99 0.64 -15.38	41.85 0.61 -18.79	44.94 0.67 -21.22	39.96 0.70 -15.22	40.16 0.68 -15.21	34.00 0.76 -7.20	29.46 0.62 -5.82	27.71 0.47 -5.72	24.89 0.47 -2.93
GREENDGE_115KV_TB5 80291	22.57 0.21 -0.87	22.25 0.21 -0.55	20.61 0.10 -0.47	19.68 0.11 -0.48	21.78 0.19 -0.15	22.17 0.34 -0.34	25.88 0.48 -0.34	26.78 0.41 -0.83	29.07 0.28 -0.64	30.02 0.26 -0.59	26.70 0.18 -0.83	26.68 0.18 -0.96	25.11 0.17 -1.18	23.78 0.29 -1.37	23.27 0.24 -1.50	23.55 0.31 -1.26	24.31 0.31 -1.54	25.19 0.39 -1.74	25.63 0.34 -1.25	25.93 0.41 -1.25	27.08 0.44 -0.59	23.98 0.48 -0.48	22.28 0.30 -0.47	22.01 0.28 -0.24
GREENIDGE___3 23582	22.57 0.21 -0.87	22.25 0.21 -0.55	20.61 0.10 -0.47	19.68 0.11 -0.48	21.78 0.19 -0.15	22.17 0.34 -0.34	25.88 0.48 -0.34	26.78 0.41 -0.83	29.07 0.28 -0.64	30.02 0.26 -0.59	26.70 0.18 -0.83	26.68 0.18 -0.96	25.11 0.17 -1.18	23.78 0.29 -1.37	23.27 0.24 -1.50	23.55 0.31 -1.26	24.31 0.31 -1.54	25.19 0.39 -1.74	25.63 0.34 -1.25	25.93 0.41 -1.25	27.08 0.44 -0.59	23.98 0.48 -0.48	22.28 0.30 -0.47	22.01 0.28 -0.24
GREENIDGE___4 23583	22.57 0.21 -0.87	22.23 0.19 -0.55	20.61 0.10 -0.47	19.68 0.12 -0.48	21.76 0.17 -0.15	22.08 0.26 -0.34	25.88 0.48 -0.34	26.84 0.41 -0.89	29.07 0.28 -0.64	30.02 0.26 -0.58	26.70 0.18 -0.83	26.68 0.18 -0.96	25.12 0.31 -1.19	23.81 0.31 -1.37	23.27 0.24 -1.51	23.63 0.31 -1.35	24.42 0.31 -1.65	25.30 0.39 -1.86	25.72 0.34 -1.34	25.93 0.41 -1.25	27.08 0.44 -0.59	23.98 0.48 -0.48	22.28 0.30 -0.47	21.99 0.26 -0.24
GREENLWN_69_KV_BK 3 55738	34.49 1.70 -11.31	29.42 1.70 -6.24	30.05 1.54 -8.47	27.28 1.41 -6.78	24.36 1.50 -1.42	26.25 1.55 -3.22	31.45 1.88 -4.51	35.46 2.02 -7.90	36.08 2.22 -5.71	37.03 2.68 -5.18	35.40 2.21 -7.51	36.34 2.12 -8.68	36.37 1.97 -10.63	37.87 1.75 -14.00	36.63 1.77 -13.34	36.30 2.09 -12.24	39.18 2.02 -14.71	41.62 1.98 -16.58	38.08 2.14 -11.89	38.06 1.89 -11.89	36.06 2.19 -7.83	32.26 1.86 -7.38	30.76 1.74 -7.51	27.84 1.59 -4.77
GREENWD_138_KV_38B11_REV_LBMP_J 345004	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.85 1.01 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.08 1.63 -7.90	35.89 2.03 -5.72	36.49 2.13 -5.19	35.08 2.00 -7.40	36.13 2.04 -8.55	36.21 1.95 -10.50	35.90 1.62 -12.16	36.50 1.64 -13.34	35.65 1.65 -12.02	38.90 1.75 -14.70	41.39 1.75 -16.59	37.75 1.80 -11.90	37.94 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
GRISSOM___SOLAR 323813	34.61 2.28 -10.85	30.57 2.26 -6.83	27.92 2.06 -5.82	27.04 2.00 -5.95	25.98 2.70 -1.83	28.17 2.47 -4.22	32.32 3.06 -4.20	38.87 2.99 -10.34	38.50 2.79 -7.57	38.58 2.54 -6.87	37.66 2.18 -9.80	38.98 2.12 -11.33	39.49 1.90 -13.83	40.04 1.90 -16.01	40.94 1.85 -17.56	39.64 1.93 -15.73	43.68 2.00 -19.23	47.02 2.26 -21.71	41.97 2.36 -15.57	42.27 2.40 -15.60	36.24 2.81 -7.38	31.27 2.28 -5.96	29.33 1.96 -5.87	26.23 1.74 -3.01
GROVEVILLE___HYD 323602	31.22 1.33 -8.40	28.01 1.29 -5.24	25.65 1.14 -4.46	24.70 1.05 -4.56	24.01 1.16 -1.41	25.95 1.22 -3.23	29.74 1.45 -3.22	35.15 1.66 -7.95	35.69 1.80 -5.75	36.29 1.90 -5.22	34.81 1.70 -7.44	35.87 1.74 -8.60	35.99 1.66 -10.56	35.79 1.44 -12.23	36.38 1.44 -13.41	35.57 1.49 -12.10	38.78 1.55 -14.78	41.33 1.59 -16.69	37.65 1.64 -11.97	37.88 1.65 -11.96	33.40 1.69 -5.66	29.00 1.40 -4.58	27.21 1.20 -4.50	24.91 1.12 -2.31
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	22.05 0.06 -0.50	21.84 0.04 -0.31	20.31 0.00 -0.27	19.36 0.00 -0.27	21.57 0.04 -0.08	21.76 0.09 -0.19	25.41 0.15 -0.19	26.14 0.13 -0.47	28.59 0.08 -0.37	29.62 0.12 -0.33	26.26 0.10 -0.47	26.21 0.13 -0.55	24.53 0.10 -0.67	23.06 0.15 -0.78	22.47 0.09 -0.85	22.83 0.13 -0.72	23.44 0.11 -0.88	24.20 0.16 -0.99	24.86 0.10 -0.71	25.15 0.17 -0.71	26.54 0.16 -0.34	23.48 0.18 -0.27	21.88 0.11 -0.27	21.71 0.09 -0.14
HAMLTNNY_34_KV_TB 80303	22.06 0.04 -0.53	21.88 0.06 -0.33	20.32 0.00 -0.28	19.40 0.02 -0.29	21.53 0.00 -0.09	21.80 0.11 -0.20	25.42 0.15 -0.20	26.15 0.10 -0.50	28.62 0.08 -0.39	29.64 0.12 -0.35	26.26 0.08 -0.50	26.20 0.08 -0.58	24.55 0.07 -0.72	23.09 0.13 -0.83	22.50 0.06 -0.91	22.85 0.11 -0.76	23.50 0.11 -0.93	24.24 0.14 -1.06	24.90 0.10 -0.76	25.17 0.15 -0.76	26.56 0.16 -0.36	23.50 0.18 -0.29	21.90 0.11 -0.28	21.72 0.09 -0.15
HAMPSHIRE___PAPER_HYD 323593	21.19 -0.30 0.00	21.06 -0.43 0.00	19.66 -0.38 0.00	18.75 -0.34 0.00	21.21 -0.24 0.00	21.31 -0.17 0.00	24.89 -0.17 0.00	25.26 -0.28 0.00	27.84 -0.31 0.00	28.83 -0.35 0.00	25.38 -0.31 0.00	25.23 -0.31 0.00	23.38 -0.38 0.00	21.66 -0.47 0.00	21.01 -0.52 0.00	21.51 -0.46 0.00	22.02 -0.43 0.00	22.61 -0.44 0.00	23.66 -0.39 0.00	23.88 -0.39 0.00	25.63 -0.42 0.00	22.58 -0.44 0.00	21.05 -0.45 0.00	21.10 -0.39 0.00
HARDSCRABBLE_WT_PWR 323673	21.64 0.15 0.00	21.66 0.17 0.00	20.20 0.16 0.00	19.26 0.17 0.00	21.74 0.30 0.00	21.72 0.24 0.00	25.39 0.32 0.00	25.85 0.31 0.00	28.48 0.34 0.00	29.53 0.35 0.00	25.97 0.28 0.00	25.79 0.26 0.00	23.98 0.21 0.00	22.24 0.11 0.00	21.60 0.06 0.00	22.06 0.09 0.00	22.52 0.07 0.00	23.07 0.02 0.00	24.07 0.02 0.00	24.29 0.02 0.00	26.10 0.05 0.00	23.09 0.07 0.00	21.57 0.06 0.00	21.59 0.11 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	30.07 1.07 -7.51	27.22 1.05 -4.68	24.97 0.94 -3.99	24.03 0.86 -4.08	23.67 0.96 -1.26	25.34 0.97 -2.89	29.09 1.15 -2.88	34.05 1.40 -7.10	34.83 1.55 -5.13	35.47 1.63 -4.66	33.79 1.46 -6.64	34.70 1.48 -7.68	34.62 1.43 -9.43	34.28 1.24 -10.92	34.76 1.25 -11.98	34.08 1.30 -10.81	37.03 1.37 -13.21	39.33 1.36 -14.92	36.14 1.39 -10.70	36.34 1.38 -10.69	32.54 1.43 -5.06	28.31 1.20 -4.09	26.54 1.01 -4.02	24.47 0.92 -2.06

HARSNRAD_115KV_TB1 81005	22.03 -0.13 -0.67	21.80 -0.11 -0.42	20.18 -0.22 -0.36	19.25 -0.21 -0.37	21.28 -0.28 -0.11	21.70 -0.04 -0.26	25.22 -0.10 -0.26	25.65 -0.54 -0.64	27.85 -0.79 -0.50	28.69 -0.93 -0.45	25.53 -0.80 -0.64	25.44 -0.84 -0.74	24.03 -0.64 -0.91	22.82 -0.35 -1.05	22.32 -0.37 -1.16	22.69 -0.26 -0.98	23.17 -0.47 -1.19	23.94 -0.46 -1.35	24.41 -0.60 -0.97	24.70 -0.53 -0.97	26.03 -0.47 -0.46	23.28 -0.12 -0.37	21.63 -0.24 -0.36	21.69 0.02 -0.19
HARZA MOOSE__RIVER 24016	21.85 0.21 -0.15	21.67 0.09 -0.10	20.16 0.04 -0.08	19.25 0.08 -0.08	21.77 0.30 -0.03	21.89 0.34 -0.06	25.63 0.50 -0.06	26.12 0.43 -0.15	28.71 0.45 -0.11	29.68 0.41 -0.10	26.16 0.33 -0.15	26.01 0.31 -0.17	24.21 0.24 -0.21	22.45 0.09 -0.24	21.79 0.00 -0.26	22.31 0.11 -0.22	22.88 0.16 -0.27	23.47 0.12 -0.31	24.44 0.17 -0.22	24.68 0.19 -0.22	26.33 0.18 -0.10	23.22 0.12 -0.08	21.65 0.06 -0.08	21.68 0.15 -0.04
HDSNBRDG_115KV_BRDG_TB1 355580	21.79 -0.15 -0.46	21.60 -0.17 -0.29	20.08 -0.20 -0.24	19.17 -0.17 -0.25	21.33 -0.19 -0.08	21.53 -0.13 -0.18	25.12 -0.13 -0.18	25.83 -0.15 -0.43	28.28 -0.20 -0.34	29.30 -0.18 -0.30	25.94 -0.18 -0.43	25.89 -0.15 -0.50	24.24 -0.14 -0.62	22.77 -0.07 -0.72	22.19 -0.13 -0.78	22.55 -0.09 -0.66	23.15 -0.11 -0.81	23.87 -0.09 -0.91	24.56 -0.14 -0.65	24.83 -0.10 -0.65	26.22 -0.13 -0.31	23.20 -0.07 -0.25	21.67 -0.09 -0.25	21.50 -0.11 -0.13
HELLGATE_13_KV_LD 55870	31.22 1.38 -8.36	28.00 1.31 -5.21	25.62 1.14 -4.44	24.64 1.01 -4.53	23.83 0.99 -1.40	25.69 0.99 -3.22	29.49 1.23 -3.20	35.05 1.61 -7.90	35.83 1.97 -5.72	36.41 2.04 -5.19	35.00 1.93 -7.40	36.06 1.97 -8.55	36.12 1.85 -10.50	35.85 1.57 -12.16	36.42 1.55 -13.34	35.58 1.58 -12.02	38.79 1.64 -14.70	41.26 1.61 -16.59	37.63 1.68 -11.90	37.81 1.65 -11.89	33.37 1.69 -5.63	28.95 1.38 -4.55	27.15 1.16 -4.48	24.85 1.07 -2.29
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	31.22 1.38 -8.36	28.00 1.31 -5.21	25.62 1.14 -4.44	24.64 1.01 -4.53	23.83 0.99 -1.40	25.69 0.99 -3.22	29.49 1.23 -3.20	35.05 1.61 -7.90	35.83 1.97 -5.72	36.41 2.04 -5.19	35.00 1.93 -7.40	36.06 1.97 -8.55	36.12 1.85 -10.50	35.85 1.57 -12.16	36.42 1.55 -13.34	35.58 1.58 -12.02	38.79 1.64 -14.70	41.26 1.61 -16.59	37.63 1.68 -11.90	37.81 1.65 -11.89	33.37 1.69 -5.63	28.95 1.38 -4.55	27.15 1.16 -4.48	24.85 1.07 -2.29
HEMPSTEAD____ 23647	34.46 1.65 -11.31	29.36 1.63 -6.24	29.99 1.48 -8.47	27.25 1.38 -6.78	24.28 1.41 -1.42	26.18 1.48 -3.22	31.38 1.81 -4.51	35.48 2.07 -7.87	36.11 2.25 -5.71	36.87 2.51 -5.18	35.38 2.18 -7.52	36.41 2.20 -8.67	36.51 2.09 -10.65	38.01 1.86 -14.03	36.75 1.85 -13.36	36.06 1.89 -12.20	39.08 1.98 -14.65	41.57 1.98 -16.53	37.94 2.04 -11.85	38.16 1.99 -11.90	36.02 2.14 -7.84	32.55 1.82 -7.71	30.64 1.61 -7.52	27.78 1.53 -4.77
HEWLETT__69_KV_BK3 55828	34.69 1.89 -11.31	29.57 1.85 -6.24	30.19 1.68 -8.47	27.40 1.53 -6.78	24.51 1.65 -1.42	26.40 1.70 -3.22	31.60 2.03 -4.51	35.75 2.30 -7.90	36.45 2.59 -5.72	37.22 2.86 -5.19	35.70 2.49 -7.53	36.65 2.43 -8.69	36.73 2.33 -10.63	38.19 2.06 -14.01	36.94 2.07 -13.34	36.34 2.11 -12.25	39.37 2.20 -14.72	41.86 2.21 -16.60	38.24 2.28 -11.90	38.40 2.23 -11.90	36.28 2.40 -7.84	32.76 2.03 -7.71	30.86 1.83 -7.52	27.99 1.74 -4.77
HICKLING__1 23621	22.77 0.19 -1.09	22.38 0.21 -0.68	20.70 0.08 -0.58	19.78 0.10 -0.59	21.69 0.06 -0.18	22.19 0.28 -0.42	25.84 0.35 -0.42	26.86 0.28 -1.04	29.11 0.17 -0.80	30.05 0.15 -0.73	26.82 0.10 -1.04	26.81 0.08 -1.20	25.33 0.10 -1.47	24.07 0.24 -1.70	23.64 0.24 -1.87	23.86 0.31 -1.58	24.67 0.29 -1.93	25.55 0.32 -2.17	25.82 0.22 -1.56	26.12 0.29 -1.56	27.12 0.34 -0.74	24.06 0.44 -0.60	22.37 0.28 -0.59	22.04 0.26 -0.30
HICKLING__2 23622	22.77 0.19 -1.09	22.38 0.21 -0.68	20.70 0.08 -0.58	19.78 0.10 -0.59	21.69 0.06 -0.18	22.19 0.28 -0.42	25.84 0.35 -0.42	26.86 0.28 -1.04	29.11 0.17 -0.80	30.05 0.15 -0.73	26.82 0.10 -1.04	26.81 0.08 -1.20	25.33 0.10 -1.47	24.07 0.24 -1.70	23.64 0.24 -1.87	23.86 0.31 -1.58	24.67 0.29 -1.93	25.55 0.32 -2.17	25.82 0.22 -1.56	26.12 0.29 -1.56	27.12 0.34 -0.74	24.06 0.44 -0.60	22.37 0.28 -0.59	22.04 0.26 -0.30
HIGH FALLS__HY 23754	30.69 1.07 -8.13	27.62 1.05 -5.08	25.29 0.92 -4.33	24.36 0.84 -4.42	23.77 0.96 -1.36	25.59 0.97 -3.14	29.34 1.15 -3.12	34.63 1.38 -7.71	35.16 1.49 -5.52	35.71 1.52 -5.01	34.14 1.31 -7.15	35.13 1.33 -8.27	35.27 1.33 -10.17	35.01 1.11 -11.78	35.61 1.16 -12.92	34.94 1.23 -11.73	38.13 1.35 -14.34	40.60 1.36 -16.19	37.05 1.39 -11.61	37.25 1.38 -11.60	32.94 1.41 -5.49	28.66 1.20 -4.44	26.89 1.01 -4.37	24.63 0.90 -2.24
HILLBURN__GT 23639	30.24 1.05 -7.70	27.29 1.01 -4.79	25.03 0.90 -4.08	24.09 0.82 -4.17	23.65 0.92 -1.29	25.31 0.86 -2.96	29.11 1.10 -2.95	34.13 1.35 -7.23	34.97 1.58 -5.25	35.60 1.66 -4.77	33.97 1.49 -6.79	34.90 1.51 -7.86	34.91 1.47 -9.67	34.59 1.26 -11.20	35.11 1.29 -12.29	34.33 1.34 -11.01	37.32 1.42 -13.46	39.63 1.38 -15.19	36.34 1.39 -10.90	36.60 1.38 -10.95	32.66 1.43 -5.18	28.41 1.20 -4.19	26.62 0.99 -4.12	24.50 0.90 -2.11
HILLSIDE_115KV_TB1 80332	22.44 -0.17 -1.13	22.02 -0.17 -0.70	20.38 -0.26 -0.60	19.48 -0.23 -0.61	21.38 -0.26 -0.19	21.81 -0.11 -0.44	25.40 -0.10 -0.43	26.43 -0.18 -1.07	28.66 -0.31 -0.83	29.57 -0.35 -0.75	26.42 -0.33 -1.07	26.42 -0.36 -1.24	25.00 -0.29 -1.52	23.75 -0.13 -1.76	23.33 -0.13 -1.93	23.54 -0.07 -1.63	24.35 -0.09 -1.99	25.23 -0.07 -2.24	25.47 -0.19 -1.61	25.73 -0.15 -1.61	26.68 -0.13 -0.76	23.68 0.05 -0.62	22.03 -0.09 -0.61	21.69 -0.11 -0.31
HISHELDN_WT_PWR 323625	22.19 -0.09 -0.79	21.87 -0.11 -0.49	20.26 -0.20 -0.42	19.35 -0.17 -0.43	21.34 -0.24 -0.13	21.66 -0.13 -0.30	25.34 -0.03 -0.30	26.01 -0.33 -0.79	28.19 -0.54 -0.58	29.03 -0.67 -0.52	25.84 -0.59 -0.75	25.76 -0.64 -0.86	24.33 -0.50 -1.06	23.13 -0.22 -1.23	22.62 -0.26 -1.35	23.01 -0.18 -1.21	23.59 -0.34 -1.48	24.44 -0.28 -1.67	24.81 -0.43 -1.20	25.05 -0.34 -1.12	26.29 -0.29 -0.53	23.45 0.00 -0.43	21.80 -0.13 -0.42	21.68 -0.02 -0.22
HOLTSVILLE_IC_1 23690	34.98 2.17 -11.32	29.85 2.13 -6.24	30.47 1.97 -8.47	27.67 1.79 -6.78	24.75 1.89 -1.42	26.66 1.95 -3.22	31.98 2.41 -4.51	36.03 2.61 -7.88	36.65 2.79 -5.72	37.42 3.01 -5.24	35.80 2.54 -7.57	36.80 2.58 -8.68	36.87 2.45 -10.66	38.37 2.21 -14.03	37.12 2.22 -13.37	36.49 2.24 -12.27	39.49 2.33 -14.71	42.01 2.37 -16.59	38.38 2.43 -11.90	38.58 2.40 -11.91	36.44 2.50 -7.90	34.63 2.14 -9.46	31.20 2.09 -7.60	28.34 2.08 -4.77
HOLTSVILLE_IC_10 23699	35.17 2.36 -11.33	30.06 2.34 -6.24	30.66 2.15 -8.47	27.84 1.97 -6.78	24.90 2.04 -1.42	26.83 2.13 -3.22	32.20 2.63 -4.51	36.28 2.86 -7.88	36.93 3.07 -5.72	37.74 3.32 -5.25	36.09 2.83 -7.58	37.08 2.86 -8.68	37.13 2.71 -10.66	38.62 2.46 -14.04	37.36 2.45 -13.37	36.74 2.48 -12.28	39.74 2.58 -14.71	42.29 2.65 -16.59	38.65 2.69 -11.91	38.85 2.67 -11.91	36.74 2.79 -7.90	34.99 2.39 -9.57	31.42 2.30 -7.61	28.51 2.26 -4.77

HOLTSVILLE_IC_2 23691	34.98 2.17 -11.32	29.85 2.13 -6.24	30.47 1.97 -8.47	27.67 1.79 -6.78	24.75 1.89 -1.42	26.66 1.95 -3.22	31.98 2.41 -4.51	36.03 2.61 -7.88	36.65 2.79 -5.72	37.42 3.01 -5.24	35.80 2.54 -7.57	36.80 2.58 -8.68	36.87 2.45 -10.66	38.37 2.21 -14.03	37.12 2.22 -13.37	36.49 2.24 -12.27	39.49 2.33 -14.71	42.01 2.37 -16.59	38.38 2.43 -11.90	38.58 2.40 -11.91	36.44 2.50 -7.90	34.63 2.14 -9.46	31.20 2.09 -7.60	28.34 2.08 -4.77
HOLTSVILLE_IC_3 23692	34.98 2.17 -11.32	29.85 2.13 -6.24	30.47 1.97 -8.47	27.67 1.79 -6.78	24.75 1.89 -1.42	26.66 1.95 -3.22	31.98 2.41 -4.51	36.03 2.61 -7.88	36.65 2.79 -5.72	37.42 3.01 -5.24	35.80 2.54 -7.57	36.80 2.58 -8.68	36.87 2.45 -10.66	38.37 2.21 -14.03	37.12 2.22 -13.37	36.49 2.24 -12.27	39.49 2.33 -14.71	42.01 2.37 -16.59	38.38 2.43 -11.90	38.58 2.40 -11.91	36.44 2.50 -7.90	34.63 2.14 -9.46	31.20 2.09 -7.60	28.34 2.08 -4.77
HOLTSVILLE_IC_4 23693	34.98 2.17 -11.32	29.85 2.13 -6.24	30.47 1.97 -8.47	27.67 1.79 -6.78	24.75 1.89 -1.42	26.66 1.95 -3.22	31.98 2.41 -4.51	36.03 2.61 -7.88	36.65 2.79 -5.72	37.42 3.01 -5.24	35.80 2.54 -7.57	36.80 2.58 -8.68	36.87 2.45 -10.66	38.37 2.21 -14.03	37.12 2.22 -13.37	36.49 2.24 -12.27	39.49 2.33 -14.71	42.01 2.37 -16.59	38.38 2.43 -11.90	38.58 2.40 -11.91	36.44 2.50 -7.90	34.63 2.14 -9.46	31.20 2.09 -7.60	28.34 2.08 -4.77
HOLTSVILLE_IC_5 23694	34.98 2.17 -11.32	29.85 2.13 -6.24	30.47 1.97 -8.47	27.67 1.79 -6.78	24.75 1.89 -1.42	26.66 1.95 -3.22	31.98 2.41 -4.51	36.03 2.61 -7.88	36.65 2.79 -5.72	37.42 3.01 -5.24	35.80 2.54 -7.57	36.80 2.58 -8.68	36.87 2.45 -10.66	38.37 2.21 -14.03	37.12 2.22 -13.37	36.49 2.24 -12.27	39.49 2.33 -14.71	42.01 2.37 -16.59	38.38 2.43 -11.90	38.58 2.40 -11.91	36.44 2.50 -7.90	34.63 2.14 -9.46	31.20 2.09 -7.60	28.34 2.08 -4.77
HOLTSVILLE_IC_6 23695	35.17 2.36 -11.33	30.06 2.34 -6.24	30.66 2.15 -8.47	27.84 1.97 -6.78	24.90 2.04 -1.42	26.83 2.13 -3.22	32.20 2.63 -4.51	36.28 2.86 -7.88	36.93 3.07 -5.72	37.74 3.32 -5.25	36.09 2.83 -7.58	37.08 2.86 -8.68	37.13 2.71 -10.66	38.62 2.46 -14.04	37.36 2.45 -13.37	36.74 2.48 -12.28	39.74 2.58 -14.71	42.29 2.65 -16.59	38.65 2.69 -11.91	38.85 2.67 -11.91	36.74 2.79 -7.90	34.99 2.39 -9.57	31.42 2.30 -7.61	28.51 2.26 -4.77
HOLTSVILLE_IC_7 23696	35.17 2.36 -11.33	30.06 2.34 -6.24	30.66 2.15 -8.47	27.84 1.97 -6.78	24.90 2.04 -1.42	26.83 2.13 -3.22	32.20 2.63 -4.51	36.28 2.86 -7.88	36.93 3.07 -5.72	37.74 3.32 -5.25	36.09 2.83 -7.58	37.08 2.86 -8.68	37.13 2.71 -10.66	38.62 2.46 -14.04	37.36 2.45 -13.37	36.74 2.48 -12.28	39.74 2.58 -14.71	42.29 2.65 -16.59	38.65 2.69 -11.91	38.85 2.67 -11.91	36.74 2.79 -7.90	34.99 2.39 -9.57	31.42 2.30 -7.61	28.51 2.26 -4.77
HOLTSVILLE_IC_8 23697	35.17 2.36 -11.33	30.06 2.34 -6.24	30.66 2.15 -8.47	27.84 1.97 -6.78	24.90 2.04 -1.42	26.83 2.13 -3.22	32.20 2.63 -4.51	36.28 2.86 -7.88	36.93 3.07 -5.72	37.74 3.32 -5.25	36.09 2.83 -7.58	37.08 2.86 -8.68	37.13 2.71 -10.66	38.62 2.46 -14.04	37.36 2.45 -13.37	36.74 2.48 -12.28	39.74 2.58 -14.71	42.29 2.65 -16.59	38.65 2.69 -11.91	38.85 2.67 -11.91	36.74 2.79 -7.90	34.99 2.39 -9.57	31.42 2.30 -7.61	28.51 2.26 -4.77
HOLTSVILLE_IC_9 23698	35.17 2.36 -11.33	30.06 2.34 -6.24	30.66 2.15 -8.47	27.84 1.97 -6.78	24.90 2.04 -1.42	26.83 2.13 -3.22	32.20 2.63 -4.51	36.28 2.86 -7.88	36.93 3.07 -5.72	37.74 3.32 -5.25	36.09 2.83 -7.58	37.08 2.86 -8.68	37.13 2.71 -10.66	38.62 2.46 -14.04	37.36 2.45 -13.37	36.74 2.48 -12.28	39.74 2.58 -14.71	42.29 2.65 -16.59	38.65 2.69 -11.91	38.85 2.67 -11.91	36.74 2.79 -7.90	34.99 2.39 -9.57	31.42 2.30 -7.61	28.51 2.26 -4.77
HOMER_HL_115KV_TB2 355744	21.45 -0.84 -0.81	21.17 -0.82 -0.50	19.55 -0.92 -0.43	18.67 -0.86 -0.44	20.57 -1.01 -0.14	21.09 -0.71 -0.31	24.55 -0.83 -0.31	25.31 -1.00 -0.77	27.44 -1.29 -0.59	28.31 -1.40 -0.54	25.19 -1.26 -0.76	25.12 -1.30 -0.88	23.71 -1.14 -1.09	22.54 -0.84 -1.26	22.16 -0.75 -1.38	22.46 -0.68 -1.16	23.09 -0.79 -1.42	23.87 -0.78 -1.61	24.17 -1.03 -1.15	24.43 -1.00 -1.15	25.63 -0.96 -0.55	22.91 -0.55 -0.44	21.25 -0.69 -0.43	21.04 -0.67 -0.22
HOWARD_WT_PWR 323690	22.77 0.36 -0.91	22.40 0.34 -0.57	20.75 0.22 -0.49	19.84 0.25 -0.50	21.90 0.30 -0.15	22.25 0.41 -0.35	26.07 0.65 -0.35	26.98 0.51 -0.93	29.18 0.36 -0.67	30.08 0.29 -0.61	26.76 0.20 -0.87	26.70 0.15 -1.01	25.19 0.19 -1.24	23.96 0.40 -1.44	23.41 0.30 -1.57	23.78 0.40 -1.41	24.51 0.34 -1.72	25.43 0.44 -1.95	25.78 0.34 -1.40	26.04 0.46 -1.31	27.18 0.52 -0.62	24.17 0.64 -0.50	22.41 0.41 -0.49	22.13 0.39 -0.25
HQ_GEN_CEDARS 23644	21.16 -0.32 0.00	21.12 -0.37 0.00	19.78 -0.26 0.00	18.84 -0.25 0.00	21.21 -0.24 0.00	21.14 -0.34 0.00	24.64 -0.43 0.00	25.03 -0.51 0.00	27.67 -0.48 0.00	28.68 -0.50 0.00	25.30 -0.39 0.00	25.15 -0.38 0.00	23.34 -0.43 0.00	21.70 -0.42 0.00	21.12 -0.41 0.00	21.51 -0.46 0.00	22.00 -0.45 0.00	22.61 -0.44 0.00	23.64 -0.41 0.00	23.83 -0.44 0.00	25.63 -0.42 0.00	22.58 -0.44 0.00	21.12 -0.39 0.00	21.10 -0.39 0.00
HQ_GEN_CEDARS_PROXY 323590	21.16 -0.32 0.00	21.14 -0.34 0.00	19.78 -0.26 0.00	18.84 -0.25 0.00	21.23 -0.21 0.00	21.19 -0.30 0.00	24.64 -0.43 0.00	25.03 -0.51 0.00	27.67 -0.48 0.00	28.68 -0.50 0.00	25.30 -0.38 0.00	25.16 -0.38 0.00	23.34 -0.43 0.00	21.70 -0.42 0.00	21.12 -0.41 0.00	21.51 -0.46 0.00	22.00 -0.45 0.00	22.61 -0.44 0.00	23.64 -0.41 0.00	23.83 -0.44 0.00	25.63 -0.42 0.00	22.58 -0.44 0.00	21.12 -0.39 0.00	21.12 -0.37 0.00
HQ_GEN_IMPORT 323601	21.25 -0.24 0.00	21.25 -0.24 0.00	19.86 -0.18 0.00	18.92 -0.17 0.00	21.25 -0.19 0.00	21.25 -0.24 0.00	24.71 -0.35 0.00	25.16 -0.38 0.00	27.75 -0.39 0.00	28.77 -0.41 0.00	25.35 -0.33 0.00	25.20 -0.33 0.00	23.43 -0.33 0.00	21.81 -0.31 0.00	21.25 -0.28 0.00	21.65 -0.33 0.00	22.12 -0.34 0.00	22.73 -0.32 0.00	23.73 -0.31 0.00	23.93 -0.34 0.00	25.71 -0.34 0.00	22.70 -0.32 0.00	21.25 -0.26 0.00	21.25 -0.24 0.00
HQ_GEN_WHEEL 23651	21.25 -0.24 0.00	21.25 -0.24 0.00	19.86 -0.18 0.00	18.92 -0.17 0.00	21.25 -0.19 0.00	21.25 -0.24 0.00	24.71 -0.35 0.00	25.16 -0.38 0.00	27.75 -0.39 0.00	28.77 -0.41 0.00	25.35 -0.33 0.00	25.20 -0.33 0.00	23.43 -0.33 0.00	21.81 -0.31 0.00	21.25 -0.28 0.00	21.65 -0.33 0.00	22.12 -0.34 0.00	22.73 -0.32 0.00	23.73 -0.31 0.00	23.93 -0.34 0.00	25.71 -0.34 0.00	22.70 -0.32 0.00	21.25 -0.26 0.00	21.25 -0.24 0.00
HUDSON_AVE_GT_3 23810	31.25 1.40 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.68 1.05 -4.53	23.94 1.09 -1.40	25.82 1.12 -3.22	29.62 1.35 -3.20	35.13 1.69 -7.90	35.89 2.03 -5.72	36.46 2.10 -5.19	35.00 1.93 -7.40	36.03 1.94 -8.55	36.12 1.85 -10.50	35.85 1.57 -12.16	36.46 1.59 -13.34	35.60 1.60 -12.02	38.85 1.71 -14.69	41.32 1.68 -16.59	37.68 1.73 -11.90	37.86 1.70 -11.89	33.47 1.80 -5.63	29.07 1.50 -4.55	27.25 1.27 -4.48	24.94 1.16 -2.29

HUDSON AVE_GT_4 23540	31.25 1.40 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.68 1.05 -4.53	23.94 1.09 -1.40	25.82 1.12 -3.22	29.62 1.35 -3.20	35.13 1.69 -7.90	35.89 2.03 -5.72	36.46 2.10 -5.19	35.00 1.93 -7.40	36.03 1.94 -8.55	36.12 1.85 -10.50	35.85 1.57 -12.16	36.46 1.59 -13.34	35.60 1.60 -12.02	38.85 1.71 -14.69	41.32 1.68 -16.59	37.68 1.73 -11.90	37.86 1.70 -11.89	33.47 1.80 -5.63	29.07 1.50 -4.55	27.25 1.27 -4.48	24.94 1.16 -2.29
HUDSON AVE_GT_5 23657	31.25 1.40 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.68 1.05 -4.53	23.94 1.09 -1.40	25.82 1.12 -3.22	29.62 1.35 -3.20	35.13 1.69 -7.90	35.89 2.03 -5.72	36.46 2.10 -5.19	35.00 1.93 -7.40	36.03 1.94 -8.55	36.12 1.85 -10.50	35.85 1.57 -12.16	36.46 1.59 -13.34	35.60 1.60 -12.02	38.85 1.71 -14.69	41.32 1.68 -16.59	37.68 1.73 -11.90	37.86 1.70 -11.89	33.47 1.80 -5.63	29.07 1.50 -4.55	27.25 1.27 -4.48	24.94 1.16 -2.29
HUDSON_AVE_10 24168	31.18 1.33 -8.36	27.98 1.29 -5.21	25.60 1.12 -4.44	24.62 0.99 -4.53	23.85 1.01 -1.40	25.75 1.05 -3.22	29.57 1.30 -3.20	35.10 1.66 -7.90	35.83 1.97 -5.72	36.41 2.04 -5.19	34.93 1.85 -7.40	35.95 1.86 -8.55	36.07 1.81 -10.50	35.79 1.50 -12.16	36.37 1.51 -13.34	35.54 1.54 -12.02	38.79 1.64 -14.69	41.26 1.61 -16.59	37.61 1.66 -11.90	37.79 1.63 -11.89	33.42 1.75 -5.63	29.00 1.43 -4.55	27.21 1.23 -4.48	24.87 1.10 -2.29
HUDSON___115KV_TB 4 355613	32.79 1.01 -10.29	28.97 1.01 -6.47	26.46 0.90 -5.52	25.61 0.88 -5.64	24.25 1.07 -1.74	26.60 1.12 -4.00	30.42 1.38 -3.98	36.75 1.38 -9.82	36.58 1.32 -7.12	36.95 1.31 -6.46	36.10 1.21 -9.21	37.33 1.15 -10.65	38.11 1.12 -13.23	38.52 1.08 -15.31	39.32 0.99 -16.80	37.91 0.99 -14.95	41.71 0.99 -18.27	44.76 1.08 -20.63	40.00 1.15 -14.79	40.22 1.16 -14.79	34.32 1.28 -7.00	29.71 1.04 -5.65	27.93 0.86 -5.57	25.15 0.82 -2.85
HUNTER MOUNT___DRP 323613	32.55 1.10 -9.97	28.84 1.10 -6.26	26.37 1.00 -5.33	25.52 0.97 -5.45	24.30 1.18 -1.68	26.62 1.27 -3.87	30.47 1.55 -3.85	36.57 1.53 -9.50	36.45 1.44 -6.87	36.84 1.43 -6.24	35.91 1.34 -8.89	37.10 1.28 -10.28	37.75 1.24 -12.75	38.08 1.19 -14.76	38.78 1.05 -16.19	37.46 1.03 -14.45	41.13 1.01 -17.67	44.15 1.15 -19.95	39.58 1.23 -14.30	39.83 1.26 -14.30	34.19 1.38 -6.77	29.62 1.13 -5.47	27.81 0.92 -5.38	25.10 0.86 -2.76
HUNTINGTON_RES_REC 323705	34.80 2.02 -11.30	29.72 2.00 -6.24	30.33 1.82 -8.47	27.55 1.68 -6.78	24.58 1.72 -1.42	26.51 1.81 -3.22	31.80 2.23 -4.51	35.83 2.43 -7.85	36.43 2.59 -5.70	37.31 3.01 -5.13	35.67 2.52 -7.47	36.65 2.45 -8.66	36.70 2.30 -10.64	38.21 2.08 -14.01	36.97 2.09 -13.35	36.42 2.31 -12.14	39.60 2.33 -14.81	41.86 2.45 -16.48	38.51 2.28 -12.01	38.43 2.28 -11.88	36.34 2.50 -7.79	31.99 2.14 -6.83	31.00 2.02 -7.47	28.17 1.91 -4.77
HUNTLEY___63 23557	22.12 -0.06 -0.69	21.88 -0.04 -0.43	20.23 -0.18 -0.37	19.30 -0.17 -0.38	21.35 -0.21 -0.12	21.78 0.02 -0.27	25.28 -0.05 -0.27	25.74 -0.46 -0.66	27.98 -0.68 -0.51	28.82 -0.82 -0.46	25.65 -0.69 -0.66	25.56 -0.74 -0.76	24.15 -0.55 -0.94	22.96 -0.24 -1.08	22.44 -0.28 -1.19	22.78 -0.20 -1.00	23.30 -0.38 -1.23	24.09 -0.35 -1.39	24.54 -0.51 -0.99	24.83 -0.44 -0.99	26.12 -0.39 -0.47	23.36 -0.05 -0.38	21.71 -0.17 -0.37	21.74 0.06 -0.19
HUNTLEY___64 23558	22.12 -0.06 -0.69	21.88 -0.04 -0.43	20.23 -0.18 -0.37	19.30 -0.17 -0.38	21.35 -0.21 -0.12	21.78 0.02 -0.27	25.28 -0.05 -0.27	25.74 -0.46 -0.66	27.98 -0.68 -0.51	28.82 -0.82 -0.46	25.65 -0.69 -0.66	25.56 -0.74 -0.76	24.15 -0.55 -0.94	22.96 -0.24 -1.08	22.44 -0.28 -1.19	22.78 -0.20 -1.00	23.30 -0.38 -1.23	24.09 -0.35 -1.39	24.54 -0.51 -0.99	24.83 -0.44 -0.99	26.12 -0.39 -0.47	23.36 -0.05 -0.38	21.71 -0.17 -0.37	21.74 0.06 -0.19
HUNTLEY___65 23559	22.12 -0.06 -0.69	21.88 -0.04 -0.43	20.23 -0.18 -0.37	19.30 -0.17 -0.38	21.35 -0.21 -0.12	21.78 0.02 -0.27	25.28 -0.05 -0.27	25.74 -0.46 -0.66	27.98 -0.68 -0.51	28.82 -0.82 -0.46	25.65 -0.69 -0.66	25.56 -0.74 -0.76	24.15 -0.55 -0.94	22.96 -0.24 -1.08	22.44 -0.28 -1.19	22.78 -0.20 -1.00	23.30 -0.38 -1.23	24.09 -0.35 -1.39	24.54 -0.51 -0.99	24.83 -0.44 -0.99	26.12 -0.39 -0.47	23.36 -0.05 -0.38	21.71 -0.17 -0.37	21.74 0.06 -0.19
HUNTLEY___66 23560	22.12 -0.06 -0.69	21.88 -0.04 -0.43	20.23 -0.18 -0.37	19.30 -0.17 -0.38	21.35 -0.21 -0.12	21.78 0.02 -0.27	25.28 -0.05 -0.27	25.74 -0.46 -0.66	27.98 -0.68 -0.51	28.82 -0.82 -0.46	25.65 -0.69 -0.66	25.56 -0.74 -0.76	24.15 -0.55 -0.94	22.96 -0.24 -1.08	22.44 -0.28 -1.19	22.78 -0.20 -1.00	23.30 -0.38 -1.23	24.09 -0.35 -1.39	24.54 -0.51 -0.99	24.83 -0.44 -0.99	26.12 -0.39 -0.47	23.36 -0.05 -0.38	21.71 -0.17 -0.37	21.74 0.06 -0.19
HUNTLEY___67 23561	21.98 -0.21 -0.71	21.76 -0.17 -0.44	20.12 -0.30 -0.38	19.21 -0.27 -0.39	21.20 -0.36 -0.12	21.63 -0.13 -0.27	25.14 -0.20 -0.27	25.60 -0.61 -0.67	27.82 -0.84 -0.52	28.62 -1.02 -0.47	25.48 -0.87 -0.67	25.42 -0.89 -0.78	24.00 -0.71 -0.95	22.81 -0.42 -1.10	22.33 -0.41 -1.21	22.67 -0.33 -1.02	23.18 -0.52 -1.25	23.95 -0.51 -1.41	24.39 -0.67 -1.01	24.67 -0.61 -1.01	25.95 -0.57 -0.48	23.20 -0.21 -0.39	21.59 -0.30 -0.38	21.62 -0.06 -0.19
HUNTLEY___68 23562	21.98 -0.21 -0.71	21.76 -0.17 -0.44	20.12 -0.30 -0.38	19.21 -0.27 -0.39	21.20 -0.36 -0.12	21.63 -0.13 -0.27	25.14 -0.20 -0.27	25.60 -0.61 -0.67	27.82 -0.84 -0.52	28.62 -1.02 -0.47	25.48 -0.87 -0.67	25.42 -0.89 -0.78	24.00 -0.71 -0.95	22.81 -0.42 -1.10	22.33 -0.41 -1.21	22.67 -0.33 -1.02	23.18 -0.52 -1.25	23.95 -0.51 -1.41	24.39 -0.67 -1.01	24.67 -0.61 -1.01	25.95 -0.57 -0.48	23.20 -0.21 -0.39	21.59 -0.30 -0.38	21.62 -0.06 -0.19
HYLAND___LFGE 323620	23.42 1.16 -0.77	23.06 1.10 -0.48	21.47 1.02 -0.41	20.47 0.95 -0.42	22.49 0.92 -0.13	22.99 1.20 -0.30	27.04 1.68 -0.30	27.81 1.48 -0.78	30.12 1.41 -0.57	30.86 1.17 -0.51	27.26 0.85 -0.73	27.10 0.71 -0.85	25.47 0.66 -1.04	24.19 0.86 -1.21	23.61 0.75 -1.33	24.13 0.97 -1.19	24.91 1.01 -1.45	25.89 1.20 -1.64	26.55 1.32 -1.18	26.86 1.48 -1.10	28.26 1.69 -0.52	25.15 1.70 -0.42	23.28 1.36 -0.42	23.01 1.31 -0.21
INDECK___CORINTH 23802	33.44 1.18 -10.78	29.43 1.16 -6.79	26.93 1.10 -5.78	26.07 1.07 -5.91	24.53 1.26 -1.82	26.99 1.31 -4.19	30.82 1.58 -4.17	37.46 1.64 -10.28	37.31 1.63 -7.53	37.67 1.66 -6.84	37.00 1.57 -9.75	38.31 1.51 -11.27	38.66 1.14 -13.76	39.18 1.13 -15.93	39.91 0.90 -17.47	38.38 0.77 -15.64	42.31 0.74 -19.11	45.51 0.88 -21.58	40.44 0.91 -15.48	40.72 0.95 -15.51	34.48 1.09 -7.34	29.96 1.01 -5.93	28.18 0.84 -5.84	25.40 0.92 -2.99
INDECK___ILION 23567	21.64 0.15 0.00	21.66 0.17 0.00	20.18 0.14 0.00	19.25 0.15 0.00	21.68 0.24 0.00	21.70 0.21 0.00	25.34 0.28 0.00	25.83 0.28 0.00	28.45 0.31 0.00	29.47 0.29 0.00	25.94 0.26 0.00	25.77 0.23 0.00	23.98 0.21 0.00	22.28 0.15 0.00	21.64 0.11 0.00	22.13 0.15 0.00	22.61 0.16 0.00	23.19 0.14 0.00	24.19 0.14 0.00	24.42 0.15 0.00	26.20 0.16 0.00	23.16 0.14 0.00	21.64 0.13 0.00	21.61 0.13 0.00

INDECK___OLEAN 23982	21.45 -0.84 -0.81	21.13 -0.86 -0.50	19.55 -0.92 -0.43	18.67 -0.86 -0.44	20.55 -1.03 -0.14	20.94 -0.86 -0.31	24.55 -0.83 -0.31	25.36 -1.00 -0.81	27.44 -1.29 -0.59	28.31 -1.40 -0.54	25.19 -1.26 -0.76	25.12 -1.30 -0.88	23.71 -1.14 -1.09	22.57 -0.82 -1.26	22.14 -0.77 -1.38	22.53 -0.68 -1.24	23.18 -0.79 -1.51	23.95 -0.81 -1.71	24.24 -1.03 -1.22	24.43 -1.00 -1.15	25.60 -0.99 -0.55	22.91 -0.55 -0.44	21.25 -0.69 -0.43	21.00 -0.71 -0.22
INDECK___OSWEGO 23783	22.19 0.28 -0.42	22.01 0.26 -0.26	20.45 0.18 -0.22	19.51 0.19 -0.23	21.79 0.28 -0.07	21.97 0.32 -0.16	25.70 0.48 -0.16	26.40 0.43 -0.43	28.90 0.45 -0.31	30.01 0.55 -0.28	26.54 0.46 -0.40	26.48 0.48 -0.46	24.76 0.43 -0.57	23.20 0.42 -0.66	22.55 0.30 -0.72	23.00 0.37 -0.65	23.62 0.38 -0.79	24.36 0.42 -0.89	25.07 0.38 -0.64	25.33 0.46 -0.60	26.77 0.44 -0.29	23.67 0.41 -0.23	22.08 0.34 -0.23	21.90 0.30 -0.12
INDECK___YERKES 23781	22.14 -0.04 -0.69	21.83 -0.09 -0.43	20.25 -0.16 -0.37	19.32 -0.15 -0.38	21.37 -0.19 -0.12	21.63 -0.13 -0.27	25.31 -0.03 -0.27	25.81 -0.43 -0.70	28.01 -0.65 -0.51	28.85 -0.79 -0.46	25.67 -0.67 -0.66	25.58 -0.71 -0.76	24.18 -0.52 -0.94	23.01 -0.20 -1.09	22.46 -0.26 -1.19	22.89 -0.15 -1.07	23.40 -0.36 -1.30	24.18 -0.35 -1.47	24.62 -0.48 -1.06	24.85 -0.41 -0.99	26.15 -0.36 -0.47	23.36 -0.05 -0.38	21.73 -0.15 -0.37	21.70 0.02 -0.19
INDIAN POINT_GT_1 24139	30.88 1.18 -8.22	27.74 1.14 -5.12	25.40 1.00 -4.36	24.46 0.92 -4.45	23.78 0.96 -1.37	25.63 0.99 -3.16	29.41 1.20 -3.14	34.76 1.46 -7.76	35.45 1.69 -5.62	36.08 1.81 -5.10	34.57 1.62 -7.27	35.55 1.61 -8.40	35.65 1.57 -10.32	35.44 1.37 -11.95	36.03 1.40 -13.10	35.22 1.43 -11.82	38.40 1.50 -14.44	40.85 1.50 -16.30	37.28 1.54 -11.69	37.48 1.53 -11.69	33.17 1.59 -5.53	28.78 1.29 -4.47	27.00 1.10 -4.40	24.75 1.01 -2.25
INDIAN POINT_GT_2 23659	30.88 1.18 -8.22	27.74 1.14 -5.12	25.40 1.00 -4.36	24.46 0.92 -4.45	23.78 0.96 -1.37	25.63 0.99 -3.16	29.41 1.20 -3.14	34.76 1.46 -7.76	35.45 1.69 -5.62	36.08 1.81 -5.10	34.57 1.62 -7.27	35.55 1.61 -8.40	35.65 1.57 -10.32	35.44 1.37 -11.95	36.03 1.40 -13.10	35.22 1.43 -11.82	38.40 1.50 -14.44	40.85 1.50 -16.30	37.28 1.54 -11.69	37.48 1.53 -11.69	33.17 1.59 -5.53	28.78 1.29 -4.47	27.00 1.10 -4.40	24.75 1.01 -2.25
INDIAN POINT_GT_3 24019	30.88 1.18 -8.22	27.74 1.14 -5.12	25.40 1.00 -4.36	24.46 0.92 -4.45	23.78 0.96 -1.37	25.63 0.99 -3.16	29.41 1.20 -3.14	34.76 1.46 -7.76	35.45 1.69 -5.62	36.08 1.81 -5.10	34.57 1.62 -7.27	35.55 1.61 -8.40	35.65 1.57 -10.32	35.44 1.37 -11.95	36.03 1.40 -13.10	35.22 1.43 -11.82	38.40 1.50 -14.44	40.85 1.50 -16.30	37.28 1.54 -11.69	37.48 1.53 -11.69	33.17 1.59 -5.53	28.78 1.29 -4.47	27.00 1.10 -4.40	24.75 1.01 -2.25
INDIAN POINT___2 23530	30.63 1.12 -8.03	27.58 1.10 -5.00	25.28 0.98 -4.26	24.33 0.88 -4.35	23.71 0.92 -1.34	25.52 0.94 -3.09	29.32 1.18 -3.07	34.52 1.43 -7.55	35.28 1.66 -5.48	35.90 1.75 -4.97	34.34 1.57 -7.09	35.29 1.56 -8.20	35.38 1.52 -10.10	35.12 1.30 -11.69	35.69 1.34 -12.82	34.85 1.39 -11.49	37.95 1.46 -14.04	40.36 1.45 -15.85	36.89 1.47 -11.37	37.15 1.46 -11.42	32.96 1.51 -5.41	28.66 1.27 -4.37	26.86 1.05 -4.30	24.68 0.99 -2.20
INDIAN POINT___3 23531	30.85 1.14 -8.22	27.70 1.10 -5.12	25.38 0.98 -4.36	24.45 0.90 -4.46	23.76 0.94 -1.38	25.61 0.97 -3.16	29.39 1.18 -3.15	34.74 1.43 -7.77	35.43 1.66 -5.62	36.03 1.75 -5.10	34.52 1.57 -7.27	35.51 1.56 -8.41	35.61 1.52 -10.33	35.39 1.31 -11.96	35.98 1.33 -13.11	35.18 1.38 -11.83	38.36 1.46 -14.45	40.82 1.45 -16.32	37.24 1.49 -11.70	37.42 1.46 -11.70	33.09 1.51 -5.54	28.76 1.27 -4.47	26.99 1.08 -4.40	24.73 0.99 -2.26
INGHAM_C_115KV_TB7 356103	21.68 0.19 0.00	21.68 0.19 0.00	20.22 0.18 0.00	19.28 0.19 0.00	21.79 0.34 0.00	21.74 0.26 0.00	25.42 0.35 0.00	25.88 0.33 0.00	28.51 0.37 0.00	29.55 0.38 0.00	25.99 0.31 0.00	25.82 0.28 0.00	24.00 0.24 0.00	22.26 0.13 0.00	21.62 0.09 0.00	22.09 0.11 0.00	22.56 0.11 0.00	23.12 0.07 0.00	24.12 0.07 0.00	24.34 0.07 0.00	26.18 0.13 0.00	23.14 0.12 0.00	21.64 0.13 0.00	21.64 0.15 0.00
IP CORINTH___1 23988	33.57 1.31 -10.78	29.56 1.29 -6.79	27.03 1.20 -5.78	26.19 1.18 -5.91	24.66 1.39 -1.82	27.12 1.44 -4.19	30.97 1.73 -4.17	37.63 1.79 -10.30	37.42 1.80 -7.47	37.79 1.84 -6.78	37.07 1.72 -9.67	38.37 1.66 -11.18	38.91 1.28 -13.86	39.43 1.26 -16.05	40.15 1.01 -17.60	38.55 0.90 -15.68	42.49 0.88 -19.16	45.70 1.01 -21.63	40.62 1.06 -15.51	40.87 1.09 -15.51	34.61 1.22 -7.34	30.10 1.15 -5.93	28.29 0.95 -5.84	25.53 1.05 -2.99
IP___TICONDEROGA 23804	34.94 2.69 -10.77	30.89 2.62 -6.78	28.23 2.40 -5.78	27.35 2.35 -5.91	26.12 2.85 -1.82	28.55 2.88 -4.19	32.67 3.43 -4.17	39.34 3.50 -10.29	39.16 3.55 -7.47	39.60 3.65 -6.78	38.76 3.42 -9.66	40.00 3.29 -11.17	40.35 2.73 -13.85	40.69 2.52 -16.04	41.26 2.13 -17.59	39.69 2.04 -15.67	43.60 2.00 -19.15	46.91 2.24 -21.62	41.84 2.28 -15.50	42.24 2.48 -15.50	36.19 2.81 -7.33	31.39 2.44 -5.93	29.47 2.13 -5.83	26.58 2.11 -2.99
ISLIP_RES_REC 323679	35.32 2.51 -11.32	30.19 2.47 -6.24	30.79 2.28 -8.47	27.97 2.10 -6.78	25.02 2.16 -1.42	26.96 2.26 -3.22	32.38 2.81 -4.51	36.49 3.06 -7.88	37.16 3.29 -5.72	37.97 3.56 -5.24	36.34 3.08 -7.57	37.31 3.09 -8.68	37.35 2.92 -10.66	38.81 2.65 -14.04	37.55 2.65 -13.37	36.93 2.68 -12.27	39.96 2.81 -14.71	42.50 2.86 -16.59	38.86 2.91 -11.90	39.06 2.89 -11.91	36.94 2.99 -7.90	35.14 2.58 -9.54	31.54 2.43 -7.60	28.66 2.41 -4.77
JAMAICA__27_KV_LOAD 355505	31.27 1.42 -8.36	28.05 1.35 -5.21	25.68 1.20 -4.44	24.68 1.05 -4.53	23.89 1.05 -1.40	25.84 1.14 -3.22	29.69 1.43 -3.20	35.28 1.84 -7.90	36.08 2.22 -5.72	36.61 2.25 -5.19	35.06 1.98 -7.40	36.08 1.99 -8.55	36.19 1.92 -10.50	35.83 1.55 -12.16	36.44 1.57 -13.34	35.60 1.60 -12.02	38.87 1.73 -14.69	41.35 1.71 -16.59	37.70 1.76 -11.90	37.91 1.75 -11.89	33.55 1.88 -5.63	29.09 1.52 -4.55	27.34 1.35 -4.48	24.98 1.20 -2.29
JANIS___SOLAR 323808	23.56 0.86 -1.21	23.08 0.84 -0.76	21.39 0.70 -0.65	20.48 0.73 -0.66	22.55 0.90 -0.20	22.94 0.99 -0.47	26.91 1.38 -0.47	28.21 1.25 -1.42	30.38 1.21 -1.03	31.22 1.11 -0.93	27.84 0.82 -1.33	27.82 0.74 -1.54	26.30 0.64 -1.90	24.96 0.64 -2.20	24.52 0.58 -2.41	24.95 0.81 -2.16	26.03 0.94 -2.64	27.07 1.04 -2.98	27.29 1.11 -2.14	27.29 1.29 -1.73	28.19 1.33 -0.82	24.84 1.15 -0.66	23.08 0.92 -0.65	22.64 0.82 -0.33
JARVIS____ 23743	21.57 0.09 0.00	21.57 0.09 0.00	20.10 0.06 0.00	19.17 0.08 0.00	21.55 0.11 0.00	21.59 0.11 0.00	25.22 0.15 0.00	25.70 0.15 0.00	28.31 0.17 0.00	29.35 0.18 0.00	25.84 0.16 0.00	25.67 0.13 0.00	23.88 0.12 0.00	22.21 0.09 0.00	21.62 0.09 0.00	22.06 0.09 0.00	22.54 0.09 0.00	23.14 0.09 0.00	24.14 0.10 0.00	24.37 0.10 0.00	26.15 0.10 0.00	23.11 0.09 0.00	21.57 0.06 0.00	21.55 0.06 0.00

JENNISON___1 23625	23.95 0.90 -1.56	23.36 0.90 -0.98	21.61 0.74 -0.83	20.71 0.76 -0.85	22.67 0.96 -0.26	23.18 1.10 -0.60	27.09 1.43 -0.60	28.33 1.30 -1.48	30.96 1.35 -1.47	31.82 1.31 -1.33	28.66 1.08 -1.90	28.78 1.05 -2.20	27.41 0.95 -2.70	26.11 0.86 -3.12	25.75 0.80 -3.43	25.24 1.01 -2.26	26.31 1.10 -2.76	27.25 1.08 -3.11	27.43 1.15 -2.23	27.84 1.33 -2.23	28.48 1.38 -1.06	25.07 1.20 -0.85	23.27 0.92 -0.84	22.78 0.86 -0.43
JENNISON___2 23626	23.95 0.90 -1.56	23.36 0.90 -0.98	21.61 0.74 -0.83	20.71 0.76 -0.85	22.67 0.96 -0.26	23.18 1.10 -0.60	27.09 1.43 -0.60	28.33 1.30 -1.48	30.96 1.35 -1.47	31.82 1.31 -1.33	28.66 1.08 -1.90	28.78 1.05 -2.20	27.41 0.95 -2.70	26.11 0.86 -3.12	25.75 0.80 -3.43	25.24 1.01 -2.26	26.31 1.10 -2.76	27.25 1.08 -3.11	27.43 1.15 -2.23	27.84 1.33 -2.23	28.48 1.38 -1.06	25.07 1.20 -0.85	23.27 0.92 -0.84	22.78 0.86 -0.43
JERICHO_RISE_WT_PWR 323719	21.53 0.04 0.00	21.46 -0.02 0.00	20.14 0.10 0.00	19.15 0.06 0.00	21.51 0.06 0.00	21.59 0.11 0.00	25.17 0.10 0.00	25.39 -0.15 0.00	28.09 -0.06 0.00	29.14 -0.03 0.00	25.76 0.08 0.00	25.61 0.08 0.00	23.72 -0.05 0.00	22.08 -0.04 0.00	21.44 -0.09 0.00	21.82 -0.15 0.00	22.34 -0.11 0.00	22.96 -0.09 0.00	24.24 0.19 0.00	24.32 0.05 0.00	26.10 0.05 0.00	22.88 -0.14 0.00	21.33 -0.17 0.00	21.34 -0.15 0.00
KATONAH___115KV_46KV_TB4 355592	31.53 1.50 -8.54	28.16 1.35 -5.32	25.75 1.18 -4.53	24.79 1.07 -4.63	24.01 1.14 -1.43	25.93 1.16 -3.28	29.81 1.48 -3.27	35.35 1.74 -8.07	35.98 2.00 -5.84	36.63 2.16 -5.30	35.17 1.93 -7.56	36.19 1.92 -8.74	36.42 1.92 -10.73	36.21 1.66 -12.42	36.88 1.72 -13.63	36.04 1.78 -12.28	39.33 1.86 -15.01	41.89 1.89 -16.95	38.15 1.95 -12.16	38.36 1.94 -12.15	33.75 1.95 -5.75	29.19 1.52 -4.65	27.35 1.27 -4.57	24.99 1.16 -2.34
KCE_NY_1 323755	33.58 1.33 -10.76	29.57 1.31 -6.78	27.04 1.22 -5.77	26.18 1.18 -5.90	24.64 1.37 -1.82	27.07 1.40 -4.19	30.91 1.68 -4.17	37.52 1.71 -10.26	37.44 1.77 -7.52	37.84 1.84 -6.83	37.08 1.67 -9.73	38.43 1.64 -11.26	38.95 1.45 -13.74	39.43 1.39 -15.91	40.23 1.25 -17.45	38.82 1.23 -15.61	42.75 1.21 -19.08	45.91 1.31 -21.55	40.87 1.37 -15.45	41.16 1.41 -15.48	34.94 1.56 -7.33	30.28 1.33 -5.92	28.47 1.14 -5.83	25.63 1.16 -2.98
KCE_NY_6_ESR 323823	22.13 -0.09 -0.73	21.84 -0.11 -0.46	20.21 -0.22 -0.39	19.30 -0.19 -0.40	21.31 -0.26 -0.12	21.62 -0.15 -0.28	25.30 -0.05 -0.28	25.90 -0.38 -0.74	28.09 -0.59 -0.54	28.93 -0.73 -0.49	25.73 -0.64 -0.69	25.68 -0.66 -0.80	24.25 -0.50 -0.99	23.07 -0.20 -1.14	22.55 -0.24 -1.25	22.95 -0.15 -1.12	23.51 -0.31 -1.37	24.33 -0.28 -1.55	24.70 -0.46 -1.11	24.93 -0.39 -1.05	26.20 -0.34 -0.49	23.42 0.00 -0.40	21.77 -0.13 -0.39	21.69 0.00 -0.20
KEDC_PORT_JEFF_GT2 24210	35.09 2.28 -11.33	29.96 2.23 -6.24	30.57 2.06 -8.47	27.76 1.89 -6.78	24.83 1.97 -1.42	26.74 2.04 -3.22	32.08 2.51 -4.51	36.16 2.73 -7.88	36.80 2.93 -5.72	37.61 3.18 -5.25	35.96 2.70 -7.59	36.90 2.68 -8.69	36.97 2.54 -10.66	38.46 2.30 -14.04	37.21 2.30 -13.37	36.62 2.35 -12.29	39.60 2.43 -14.72	42.12 2.47 -16.60	38.51 2.55 -11.92	38.66 2.48 -11.91	36.58 2.63 -7.91	34.98 2.30 -9.66	31.32 2.19 -7.62	28.42 2.17 -4.77
KEDC_PORT_JEFF_GT3 24211	35.09 2.28 -11.33	29.96 2.23 -6.24	30.57 2.06 -8.47	27.76 1.89 -6.78	24.83 1.97 -1.42	26.74 2.04 -3.22	32.08 2.51 -4.51	36.16 2.73 -7.88	36.80 2.93 -5.72	37.61 3.18 -5.25	35.96 2.70 -7.59	36.90 2.68 -8.69	36.97 2.54 -10.66	38.46 2.30 -14.04	37.21 2.30 -13.37	36.62 2.35 -12.29	39.60 2.43 -14.72	42.12 2.47 -16.60	38.51 2.55 -11.92	38.66 2.48 -11.91	36.58 2.63 -7.91	34.98 2.30 -9.66	31.32 2.19 -7.62	28.42 2.17 -4.77
KEDC_GLWD_GT4 24219	34.43 1.63 -11.31	29.31 1.59 -6.24	29.95 1.44 -8.47	27.19 1.32 -6.78	24.23 1.37 -1.42	26.12 1.42 -3.22	31.33 1.75 -4.51	35.43 2.02 -7.87	35.94 2.08 -5.71	36.66 2.30 -5.18	35.26 2.06 -7.52	36.28 2.07 -8.67	36.39 1.97 -10.65	37.90 1.75 -14.03	36.64 1.74 -13.36	35.95 1.78 -12.20	38.97 1.86 -14.65	41.45 1.87 -16.53	37.82 1.92 -11.85	38.01 1.84 -11.90	36.02 2.14 -7.84	32.53 1.80 -7.71	30.58 1.55 -7.52	27.72 1.46 -4.77
KEDC_GLWD_GT5 24220	34.43 1.63 -11.31	29.31 1.59 -6.24	29.95 1.44 -8.47	27.19 1.32 -6.78	24.23 1.37 -1.42	26.12 1.42 -3.22	31.33 1.75 -4.51	35.43 2.02 -7.87	35.94 2.08 -5.71	36.66 2.30 -5.18	35.26 2.06 -7.52	36.28 2.07 -8.67	36.39 1.97 -10.65	37.90 1.75 -14.03	36.64 1.74 -13.36	35.95 1.78 -12.20	38.97 1.86 -14.65	41.45 1.87 -16.53	37.82 1.92 -11.85	38.01 1.84 -11.90	36.02 2.14 -7.84	32.53 1.80 -7.71	30.58 1.55 -7.52	27.72 1.46 -4.77
KENSICO____ 23655	31.06 1.25 -8.33	27.88 1.20 -5.19	25.54 1.08 -4.42	24.58 0.97 -4.52	23.87 1.03 -1.39	25.76 1.07 -3.20	29.56 1.30 -3.19	34.97 1.56 -7.87	35.64 1.80 -5.70	36.24 1.90 -5.17	34.77 1.72 -7.37	35.77 1.71 -8.52	35.89 1.66 -10.46	35.68 1.44 -12.11	36.28 1.46 -13.29	35.45 1.49 -11.98	38.69 1.59 -14.64	41.15 1.57 -16.53	37.51 1.61 -11.86	37.70 1.58 -11.85	33.32 1.67 -5.61	28.94 1.38 -4.53	27.13 1.16 -4.46	24.87 1.10 -2.28
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	30.05 1.12 -7.44	27.23 1.10 -4.65	24.96 0.96 -3.96	24.02 0.88 -4.05	23.72 1.03 -1.25	25.39 1.03 -2.87	29.15 1.23 -2.86	34.08 1.48 -7.05	34.73 1.58 -5.01	35.32 1.60 -4.55	33.55 1.39 -6.48	34.44 1.40 -7.49	34.33 1.35 -9.22	33.95 1.15 -10.67	34.44 1.21 -11.71	34.00 1.30 -10.73	36.96 1.39 -13.12	39.27 1.41 -14.81	36.13 1.47 -10.62	36.32 1.43 -10.61	32.55 1.48 -5.02	28.32 1.24 -4.06	26.56 1.05 -4.00	24.48 0.95 -2.05
KIAC_JFK_GT1 23816	31.16 1.31 -8.36	27.94 1.25 -5.21	25.58 1.10 -4.44	24.58 0.95 -4.53	23.79 0.94 -1.40	25.73 1.03 -3.22	29.57 1.30 -3.20	35.16 1.71 -7.90	35.92 2.05 -5.72	36.35 1.98 -5.19	34.93 1.85 -7.40	35.93 1.84 -8.55	36.05 1.78 -10.50	35.65 1.37 -12.16	36.24 1.38 -13.34	35.40 1.41 -12.02	38.67 1.53 -14.69	41.14 1.50 -16.59	37.49 1.54 -11.90	37.67 1.50 -11.89	33.39 1.72 -5.63	28.95 1.38 -4.55	27.23 1.25 -4.48	24.87 1.10 -2.29
KIAC_JFK_GT2 23817	31.16 1.31 -8.36	27.94 1.25 -5.21	25.58 1.10 -4.44	24.58 0.95 -4.53	23.79 0.94 -1.40	25.73 1.03 -3.22	29.57 1.30 -3.20	35.16 1.71 -7.90	35.92 2.05 -5.72	36.35 1.98 -5.19	34.93 1.85 -7.40	35.93 1.84 -8.55	36.05 1.78 -10.50	35.65 1.37 -12.16	36.24 1.38 -13.34	35.40 1.41 -12.02	38.67 1.53 -14.69	41.14 1.50 -16.59	37.49 1.54 -11.90	37.67 1.50 -11.89	33.39 1.72 -5.63	28.95 1.38 -4.55	27.23 1.25 -4.48	24.87 1.10 -2.29
KIAC_JFK____ 323774	31.16 1.31 -8.36	27.94 1.25 -5.21	25.58 1.10 -4.44	24.58 0.95 -4.53	23.74 0.90 -1.40	25.71 1.01 -3.22	29.57 1.30 -3.20	35.12 1.71 -7.86	35.91 2.05 -5.71	36.34 1.98 -5.18	34.92 1.85 -7.38	35.92 1.84 -8.54	36.06 1.78 -10.52	35.67 1.37 -12.18	36.27 1.38 -13.36	35.35 1.41 -11.97	38.60 1.53 -14.63	41.09 1.52 -16.51	37.43 1.54 -11.84	37.67 1.51 -11.89	33.39 1.72 -5.63	28.95 1.38 -4.55	27.23 1.25 -4.48	24.85 1.07 -2.29

KINTIGH____ 23543	21.98 -0.13 -0.63	21.77 -0.11 -0.39	20.17 -0.20 -0.33	19.24 -0.19 -0.34	21.31 -0.24 -0.11	21.69 -0.04 -0.24	25.21 -0.10 -0.24	25.68 -0.46 -0.59	27.93 -0.68 -0.46	28.80 -0.79 -0.42	25.61 -0.67 -0.59	25.51 -0.72 -0.69	24.08 -0.52 -0.84	22.79 -0.31 -0.98	22.28 -0.32 -1.07	22.64 -0.24 -0.91	23.15 -0.40 -1.11	23.91 -0.39 -1.25	24.44 -0.51 -0.90	24.70 -0.46 -0.90	26.05 -0.42 -0.42	23.25 -0.12 -0.34	21.65 -0.19 -0.34	21.68 0.02 -0.17
KNTFSRNC_46_KV_46KV_LOAD 80397	21.89 0.41 0.00	21.79 0.30 0.00	20.46 0.42 0.00	19.46 0.36 0.00	21.83 0.39 0.00	21.94 0.45 0.00	25.62 0.55 0.00	25.70 0.15 0.00	28.45 0.31 0.00	29.49 0.32 0.00	26.09 0.41 0.00	25.95 0.41 0.00	23.98 0.21 0.00	22.32 0.20 0.00	21.68 0.15 0.00	22.06 0.09 0.00	22.61 0.16 0.00	23.28 0.23 0.00	24.67 0.63 0.00	24.73 0.46 0.00	26.62 0.57 0.00	23.28 0.25 0.00	21.66 0.15 0.00	21.64 0.15 0.00
LACHUTE__HYDRO 323717	34.94 2.69 -10.77	30.89 2.62 -6.78	28.22 2.40 -5.78	27.35 2.35 -5.91	26.10 2.83 -1.82	28.53 2.86 -4.19	32.67 3.43 -4.17	39.31 3.50 -10.27	39.22 3.55 -7.53	39.65 3.65 -6.83	38.84 3.42 -9.74	40.10 3.30 -11.26	40.24 2.73 -13.75	40.56 2.52 -15.92	41.12 2.13 -17.46	39.62 2.02 -15.63	43.55 2.00 -19.10	46.85 2.24 -21.57	41.80 2.29 -15.47	42.24 2.48 -15.50	36.19 2.81 -7.33	31.39 2.44 -5.93	29.47 2.13 -5.83	26.56 2.08 -2.99
LAWRNCV_115KV_TB1 80681	20.95 -0.54 0.00	20.91 -0.58 0.00	19.58 -0.46 0.00	18.65 -0.44 0.00	21.04 -0.41 0.00	20.99 -0.49 0.00	24.49 -0.58 0.00	24.88 -0.66 0.00	27.47 -0.68 0.00	28.44 -0.73 0.00	25.09 -0.59 0.00	24.98 -0.56 0.00	23.15 -0.62 0.00	21.48 -0.64 0.00	20.88 -0.65 0.00	21.29 -0.68 0.00	21.80 -0.65 0.00	22.41 -0.65 0.00	23.45 -0.60 0.00	23.64 -0.63 0.00	25.42 -0.63 0.00	22.35 -0.67 0.00	20.88 -0.62 0.00	20.86 -0.62 0.00
LEDERLE____ 23769	30.51 1.18 -7.84	27.51 1.14 -4.88	25.22 1.02 -4.16	24.26 0.92 -4.25	23.76 1.01 -1.31	25.53 1.03 -3.01	29.32 1.25 -3.00	34.46 1.51 -7.41	35.22 1.72 -5.36	35.85 1.81 -4.86	34.26 1.64 -6.93	35.19 1.63 -8.01	35.19 1.59 -9.84	34.89 1.37 -11.39	35.43 1.40 -12.50	34.68 1.43 -11.27	37.76 1.53 -13.78	40.13 1.52 -15.56	36.74 1.54 -11.16	36.95 1.53 -11.15	32.91 1.59 -5.28	28.62 1.34 -4.26	26.82 1.12 -4.20	24.67 1.03 -2.15
LIGHTHSE_115KV_TB6 355974	21.99 0.13 -0.37	21.81 0.09 -0.23	20.26 0.02 -0.20	19.34 0.04 -0.20	21.64 0.13 -0.06	21.87 0.24 -0.14	25.56 0.35 -0.14	26.18 0.28 -0.36	28.67 0.25 -0.28	29.69 0.26 -0.25	26.24 0.21 -0.36	26.18 0.23 -0.41	24.44 0.17 -0.51	22.84 0.13 -0.59	22.22 0.04 -0.64	22.63 0.11 -0.54	23.23 0.11 -0.66	23.91 0.12 -0.75	24.70 0.12 -0.54	24.98 0.17 -0.54	26.43 0.13 -0.25	23.39 0.16 -0.21	21.86 0.15 -0.20	21.74 0.15 -0.10
LINDEN COGEN____ 23786	31.14 1.29 -8.36	27.92 1.22 -5.21	25.56 1.08 -4.44	24.54 0.92 -4.53	23.79 0.94 -1.40	25.65 0.94 -3.22	29.47 1.20 -3.20	34.91 1.51 -7.86	35.22 1.77 -5.30	35.22 1.84 -4.21	34.74 1.69 -7.36	34.92 1.69 -7.70	35.92 1.64 -10.52	35.67 1.37 -12.18	35.97 1.38 -13.06	35.35 1.41 -11.97	38.56 1.48 -14.63	41.02 1.45 -16.51	36.33 1.49 -10.79	37.20 1.48 -11.45	33.32 1.64 -5.63	28.93 1.36 -4.55	27.10 1.12 -4.48	24.79 1.01 -2.29
LINDHRST_69_KV_BK1 356055	34.95 2.15 -11.31	29.85 2.13 -6.24	30.45 1.94 -8.47	27.67 1.79 -6.78	24.79 1.93 -1.42	26.68 1.98 -3.22	31.93 2.36 -4.51	36.05 2.61 -7.90	36.74 2.87 -5.72	37.46 3.09 -5.20	35.89 2.67 -7.53	36.93 2.71 -8.69	36.97 2.57 -10.64	38.46 2.32 -14.01	37.18 2.30 -13.34	36.56 2.33 -12.26	39.65 2.47 -14.73	42.17 2.51 -16.60	38.53 2.57 -11.91	38.72 2.55 -11.90	36.60 2.71 -7.85	33.44 2.28 -8.14	31.14 2.11 -7.53	28.32 2.06 -4.77
LIPA_MISC_IPP 23656	35.13 2.32 -11.32	30.02 2.30 -6.24	30.61 2.10 -8.47	27.80 1.93 -6.78	24.92 2.06 -1.42	26.81 2.11 -3.22	32.15 2.58 -4.51	36.27 2.81 -7.91	36.91 3.04 -5.73	37.63 3.21 -5.25	35.97 2.72 -7.57	36.99 2.76 -8.70	37.02 2.61 -10.64	38.51 2.37 -14.02	37.27 2.39 -13.35	36.75 2.44 -12.33	39.79 2.56 -14.78	42.31 2.60 -16.66	38.68 2.67 -11.96	38.82 2.65 -11.91	36.70 2.76 -7.90	34.83 2.33 -9.48	31.35 2.24 -7.60	28.47 2.21 -4.77
LISF__SOLAR 323691	35.17 2.36 -11.32	30.04 2.32 -6.24	30.66 2.15 -8.47	27.82 1.95 -6.78	24.96 2.10 -1.42	26.83 2.13 -3.22	32.20 2.63 -4.51	36.28 2.86 -7.88	36.91 3.04 -5.72	37.65 3.24 -5.24	36.03 2.77 -7.57	37.00 2.78 -8.68	37.08 2.66 -10.66	38.57 2.41 -14.04	37.33 2.43 -13.37	36.71 2.46 -12.28	39.76 2.60 -14.71	42.29 2.65 -16.59	38.67 2.72 -11.91	38.87 2.69 -11.91	36.73 2.79 -7.90	34.90 2.37 -9.50	31.39 2.28 -7.60	28.51 2.26 -4.77
LITTLE FALLS__HYD 24013	21.68 0.19 0.00	21.68 0.19 0.00	20.22 0.18 0.00	19.28 0.19 0.00	21.79 0.34 0.00	21.74 0.26 0.00	25.42 0.35 0.00	25.88 0.33 0.00	28.51 0.37 0.00	29.55 0.38 0.00	25.99 0.31 0.00	25.82 0.28 0.00	24.00 0.24 0.00	22.26 0.13 0.00	21.62 0.09 0.00	22.09 0.11 0.00	22.56 0.11 0.00	23.12 0.07 0.00	24.12 0.07 0.00	24.34 0.07 0.00	26.18 0.13 0.00	23.14 0.12 0.00	21.64 0.13 0.00	21.64 0.15 0.00
LITTLRIV_115KV_TB1 356100	21.08 -0.41 0.00	21.01 -0.47 0.00	19.70 -0.34 0.00	18.77 -0.32 0.00	21.19 -0.26 0.00	21.16 -0.32 0.00	24.69 -0.38 0.00	25.06 -0.49 0.00	27.69 -0.45 0.00	28.68 -0.50 0.00	25.30 -0.39 0.00	25.15 -0.38 0.00	23.31 -0.45 0.00	21.64 -0.49 0.00	21.01 -0.52 0.00	21.47 -0.51 0.00	21.98 -0.47 0.00	22.57 -0.48 0.00	23.64 -0.41 0.00	23.83 -0.44 0.00	25.63 -0.42 0.00	22.52 -0.51 0.00	21.01 -0.49 0.00	20.97 -0.52 0.00
LI_NEWBRDGE__DRP 323616	34.41 1.61 -11.31	29.31 1.59 -6.24	29.95 1.44 -8.47	27.19 1.32 -6.78	24.28 1.42 -1.42	26.14 1.44 -3.22	31.30 1.73 -4.51	35.42 1.97 -7.90	36.03 2.17 -5.72	36.79 2.42 -5.19	35.27 2.05 -7.53	36.29 2.07 -8.69	36.37 1.97 -10.63	37.88 1.75 -14.01	36.64 1.77 -13.34	36.03 1.80 -12.25	39.06 1.89 -14.72	41.54 1.89 -16.60	37.90 1.95 -11.90	38.06 1.89 -11.90	35.89 2.01 -7.84	32.42 1.68 -7.71	30.58 1.55 -7.52	27.74 1.48 -4.77
LOCKPORT_115KV_TB60_63_64 80432	22.05 -0.11 -0.67	21.82 -0.09 -0.42	20.18 -0.22 -0.36	19.27 -0.19 -0.37	21.30 -0.26 -0.11	21.72 -0.02 -0.26	25.25 -0.08 -0.26	25.67 -0.51 -0.64	27.88 -0.76 -0.49	28.72 -0.90 -0.45	25.55 -0.77 -0.64	25.46 -0.82 -0.74	24.05 -0.62 -0.90	22.84 -0.33 -1.05	22.33 -0.34 -1.15	22.68 -0.26 -0.97	23.16 -0.47 -1.18	23.95 -0.44 -1.34	24.43 -0.58 -0.96	24.72 -0.51 -0.96	26.06 -0.44 -0.45	23.27 -0.12 -0.37	21.65 -0.22 -0.36	21.69 0.02 -0.18
LOCKPORT__CC1 323769	22.03 -0.13 -0.67	21.76 -0.15 -0.42	20.18 -0.22 -0.36	19.25 -0.21 -0.37	21.28 -0.28 -0.11	21.55 -0.19 -0.26	25.22 -0.10 -0.26	25.69 -0.54 -0.68	27.85 -0.79 -0.49	28.69 -0.93 -0.45	25.53 -0.80 -0.64	25.44 -0.84 -0.74	24.03 -0.64 -0.91	22.87 -0.31 -1.06	22.32 -0.37 -1.16	22.75 -0.26 -1.04	23.25 -0.47 -1.27	24.02 -0.46 -1.43	24.47 -0.60 -1.03	24.70 -0.53 -0.97	26.03 -0.47 -0.46	23.28 -0.11 -0.37	21.63 -0.24 -0.36	21.63 -0.04 -0.19

LOCKPORT___CC2 323770	22.03 -0.13 -0.67	21.76 -0.15 -0.42	20.18 -0.22 -0.36	19.25 -0.21 -0.37	21.28 -0.28 -0.11	21.55 -0.19 -0.26	25.22 -0.10 -0.26	25.69 -0.54 -0.68	27.85 -0.79 -0.49	28.69 -0.93 -0.45	25.53 -0.80 -0.64	25.44 -0.84 -0.74	24.03 -0.64 -0.91	22.87 -0.31 -1.06	22.32 -0.37 -1.16	22.75 -0.26 -1.04	23.25 -0.47 -1.27	24.02 -0.46 -1.43	24.47 -0.60 -1.03	24.70 -0.53 -0.97	26.03 -0.47 -0.46	23.28 -0.11 -0.37	21.63 -0.24 -0.36	21.63 -0.04 -0.19
LOCKPORT___CC3 323771	22.03 -0.13 -0.67	21.76 -0.15 -0.42	20.18 -0.22 -0.36	19.25 -0.21 -0.37	21.28 -0.28 -0.11	21.55 -0.19 -0.26	25.22 -0.10 -0.26	25.69 -0.54 -0.68	27.85 -0.79 -0.49	28.69 -0.93 -0.45	25.53 -0.80 -0.64	25.44 -0.84 -0.74	24.03 -0.64 -0.91	22.87 -0.31 -1.06	22.32 -0.37 -1.16	22.75 -0.26 -1.04	23.25 -0.47 -1.27	24.02 -0.46 -1.43	24.47 -0.60 -1.03	24.70 -0.53 -0.97	26.03 -0.47 -0.46	23.28 -0.11 -0.37	21.63 -0.24 -0.36	21.63 -0.04 -0.19
LONG_LAKE_PHOENIX 24014	22.06 0.15 -0.43	21.88 0.13 -0.27	20.33 0.06 -0.23	19.40 0.08 -0.23	21.69 0.17 -0.07	21.87 0.21 -0.17	25.50 0.28 -0.16	26.21 0.26 -0.41	28.71 0.25 -0.31	29.78 0.32 -0.28	26.37 0.28 -0.41	26.31 0.31 -0.47	24.60 0.26 -0.58	23.06 0.27 -0.67	22.46 0.19 -0.73	22.81 0.22 -0.62	23.45 0.25 -0.76	24.18 0.28 -0.85	24.90 0.24 -0.61	25.17 0.29 -0.61	26.62 0.29 -0.29	23.53 0.28 -0.23	21.95 0.22 -0.23	21.80 0.19 -0.12
LOVETT___3 23632	30.47 1.10 -7.89	27.45 1.05 -4.91	25.17 0.94 -4.19	24.23 0.86 -4.28	23.66 0.90 -1.32	25.44 0.92 -3.03	29.21 1.13 -3.02	34.38 1.38 -7.45	35.14 1.60 -5.39	35.76 1.69 -4.89	34.17 1.52 -6.97	35.11 1.51 -8.07	35.14 1.47 -9.91	34.86 1.26 -11.47	35.40 1.29 -12.58	34.66 1.34 -11.34	37.73 1.41 -13.87	40.11 1.41 -15.66	36.72 1.44 -11.23	36.90 1.41 -11.22	32.81 1.46 -5.31	28.53 1.22 -4.29	26.76 1.03 -4.22	24.59 0.95 -2.16
LOVETT___4 23642	30.47 1.10 -7.89	27.45 1.05 -4.91	25.17 0.94 -4.19	24.23 0.86 -4.28	23.66 0.90 -1.32	25.44 0.92 -3.03	29.21 1.13 -3.02	34.38 1.38 -7.45	35.14 1.60 -5.39	35.76 1.69 -4.89	34.17 1.52 -6.97	35.11 1.51 -8.07	35.14 1.47 -9.91	34.86 1.26 -11.47	35.40 1.29 -12.58	34.66 1.34 -11.34	37.73 1.41 -13.87	40.11 1.41 -15.66	36.72 1.44 -11.23	36.90 1.41 -11.22	32.81 1.46 -5.31	28.53 1.22 -4.29	26.76 1.03 -4.22	24.59 0.95 -2.16
LOVETT___5 23593	30.47 1.10 -7.89	27.45 1.05 -4.91	25.17 0.94 -4.19	24.23 0.86 -4.28	23.66 0.90 -1.32	25.44 0.92 -3.03	29.21 1.13 -3.02	34.38 1.38 -7.45	35.14 1.60 -5.39	35.76 1.69 -4.89	34.17 1.52 -6.97	35.11 1.51 -8.07	35.14 1.47 -9.91	34.86 1.26 -11.47	35.40 1.29 -12.58	34.66 1.34 -11.34	37.73 1.41 -13.87	40.11 1.41 -15.66	36.72 1.44 -11.23	36.90 1.41 -11.22	32.81 1.46 -5.31	28.53 1.22 -4.29	26.76 1.03 -4.22	24.59 0.95 -2.16
LOWER RAQUET___HYD 24057	20.88 -0.60 0.00	20.84 -0.64 0.00	19.50 -0.54 0.00	18.60 -0.50 0.00	20.99 -0.45 0.00	20.99 -0.49 0.00	24.41 -0.65 0.00	24.80 -0.74 0.00	27.39 -0.76 0.00	28.39 -0.79 0.00	25.04 -0.64 0.00	24.90 -0.64 0.00	23.07 -0.69 0.00	21.42 -0.71 0.00	20.80 -0.73 0.00	21.23 -0.75 0.00	21.73 -0.72 0.00	22.34 -0.71 0.00	23.40 -0.65 0.00	23.57 -0.70 0.00	25.34 -0.70 0.00	22.28 -0.74 0.00	20.80 -0.71 0.00	20.80 -0.69 0.00
LOWER___HUDSON 24059	33.02 0.90 -10.63	29.12 0.92 -6.71	26.62 0.86 -5.71	25.77 0.84 -5.84	24.21 0.97 -1.80	26.62 0.99 -4.14	30.39 1.20 -4.12	36.92 1.23 -10.15	36.90 1.30 -7.46	37.26 1.31 -6.77	36.52 1.18 -9.65	37.90 1.20 -11.16	38.49 1.12 -13.61	38.99 1.11 -15.76	39.83 1.01 -17.29	38.42 0.99 -15.45	42.32 0.99 -18.88	45.43 1.06 -21.32	40.45 1.11 -15.29	40.71 1.12 -15.32	34.50 1.20 -7.25	29.89 1.01 -5.86	28.11 0.84 -5.77	25.30 0.86 -2.95
LOWVILLE_115KV_TB2 356335	21.76 0.11 -0.17	21.51 -0.09 -0.11	20.01 -0.12 -0.09	19.11 -0.08 -0.09	21.66 0.19 -0.03	21.81 0.26 -0.07	25.56 0.43 -0.06	26.04 0.33 -0.16	28.61 0.34 -0.12	29.55 0.26 -0.11	26.02 0.18 -0.16	25.90 0.18 -0.19	24.09 0.10 -0.23	22.28 -0.11 -0.26	21.63 -0.19 -0.29	22.13 -0.09 -0.24	22.73 -0.02 -0.30	23.32 -0.07 -0.34	24.27 -0.02 -0.24	24.51 0.00 -0.24	26.13 -0.03 -0.11	23.05 -0.07 -0.09	21.49 -0.11 -0.09	21.58 0.04 -0.05
LUTHERFT_115KV_GLOB_FND_222 355753	33.55 1.31 -10.76	29.57 1.31 -6.78	27.02 1.20 -5.77	26.16 1.16 -5.90	24.64 1.37 -1.82	27.07 1.40 -4.19	30.91 1.68 -4.17	37.54 1.71 -10.28	37.35 1.74 -7.46	37.75 1.81 -6.77	36.98 1.64 -9.65	38.31 1.61 -11.16	39.03 1.43 -13.84	39.55 1.39 -16.03	40.34 1.23 -17.58	38.84 1.21 -15.65	42.77 1.19 -19.13	45.94 1.29 -21.60	40.88 1.35 -15.49	41.13 1.38 -15.48	34.91 1.54 -7.33	30.26 1.31 -5.92	28.47 1.14 -5.83	25.61 1.14 -2.98
LUTHERNY_35_KV_BK2 355980	33.58 1.33 -10.76	29.57 1.31 -6.78	27.04 1.22 -5.77	26.18 1.18 -5.90	24.66 1.39 -1.82	27.09 1.42 -4.19	30.91 1.68 -4.17	37.54 1.71 -10.28	37.38 1.77 -7.46	37.78 1.84 -6.77	37.00 1.67 -9.65	38.33 1.63 -11.16	39.06 1.45 -13.84	39.55 1.39 -16.03	40.36 1.25 -17.58	38.86 1.23 -15.65	42.79 1.21 -19.13	45.96 1.31 -21.60	40.91 1.37 -15.49	41.16 1.41 -15.48	34.94 1.56 -7.33	30.28 1.34 -5.92	28.47 1.14 -5.83	25.63 1.16 -2.98
LWR___OSWEGATCHIE_HYD 23850	21.19 -0.30 0.00	21.06 -0.43 0.00	19.66 -0.38 0.00	18.75 -0.34 0.00	21.21 -0.24 0.00	21.29 -0.19 0.00	24.89 -0.18 0.00	25.26 -0.28 0.00	27.84 -0.31 0.00	28.79 -0.38 0.00	25.37 -0.31 0.00	25.23 -0.31 0.00	23.38 -0.38 0.00	21.66 -0.46 0.00	21.01 -0.52 0.00	21.51 -0.46 0.00	22.02 -0.43 0.00	22.61 -0.44 0.00	23.66 -0.38 0.00	23.88 -0.39 0.00	25.63 -0.42 0.00	22.58 -0.44 0.00	21.06 -0.45 0.00	21.10 -0.39 0.00
LYONS_FALL_HYD 23570	21.85 0.21 -0.15	21.65 0.06 -0.10	20.16 0.04 -0.08	19.25 0.08 -0.08	21.77 0.30 -0.03	21.89 0.34 -0.06	25.62 0.50 -0.06	26.13 0.43 -0.16	28.71 0.45 -0.11	29.68 0.41 -0.10	26.16 0.33 -0.15	26.01 0.31 -0.17	24.21 0.24 -0.21	22.45 0.09 -0.24	21.79 0.00 -0.26	22.32 0.11 -0.24	22.90 0.16 -0.29	23.49 0.12 -0.33	24.45 0.17 -0.23	24.68 0.19 -0.22	26.33 0.18 -0.10	23.22 0.12 -0.08	21.65 0.06 -0.08	21.68 0.15 -0.04
MADISON___COUNTY_LFGE 323628	22.15 0.43 -0.23	22.04 0.41 -0.15	20.50 0.34 -0.12	19.56 0.34 -0.13	22.02 0.54 -0.04	22.13 0.56 -0.09	25.88 0.73 -0.09	26.46 0.69 -0.22	29.05 0.73 -0.17	30.03 0.70 -0.15	26.49 0.59 -0.22	26.38 0.59 -0.26	24.58 0.50 -0.31	22.93 0.44 -0.36	22.29 0.37 -0.40	22.79 0.48 -0.34	23.40 0.54 -0.41	24.00 0.48 -0.46	24.89 0.51 -0.33	25.16 0.56 -0.33	26.75 0.55 -0.16	23.61 0.46 -0.13	22.00 0.37 -0.12	21.94 0.39 -0.06
MALONE___115KV_TB1 356076	21.57 0.09 0.00	21.49 0.00 0.00	20.18 0.14 0.00	19.19 0.10 0.00	21.59 0.15 0.00	21.64 0.15 0.00	25.27 0.20 0.00	25.52 -0.03 0.00	28.26 0.11 0.00	29.29 0.12 0.00	25.89 0.21 0.00	25.74 0.20 0.00	23.81 0.05 0.00	22.12 0.00 0.00	21.49 -0.04 0.00	21.89 -0.09 0.00	22.41 -0.04 0.00	23.05 0.00 0.00	24.29 0.24 0.00	24.39 0.12 0.00	26.23 0.18 0.00	22.98 -0.05 0.00	21.40 -0.11 0.00	21.38 -0.11 0.00

MAPLEWOD_115KV_TB3 80458	32.93 0.84 -10.61	29.01 0.84 -6.68	26.52 0.78 -5.70	25.68 0.76 -5.82	24.12 0.88 -1.80	26.52 0.90 -4.13	30.28 1.10 -4.11	36.84 1.15 -10.14	36.65 1.15 -7.35	37.05 1.20 -6.68	36.30 1.10 -9.52	37.56 1.02 -11.00	38.47 0.97 -13.73	38.98 0.95 -15.90	39.85 0.88 -17.44	38.33 0.92 -15.44	42.22 0.90 -18.87	45.32 0.97 -21.30	40.33 1.01 -15.28	40.56 1.02 -15.27	34.39 1.12 -7.23	29.78 0.92 -5.84	27.99 0.73 -5.75	25.18 0.75 -2.94
MAPLE_RIDGE_WT_1 323574	21.27 -0.21 0.00	21.27 -0.21 0.00	19.84 -0.20 0.00	18.94 -0.15 0.00	21.29 -0.15 0.00	21.38 -0.11 0.00	25.01 -0.05 0.00	25.52 -0.03 0.00	28.14 0.00 0.00	29.17 0.00 0.00	25.68 0.00 0.00	25.49 -0.05 0.00	23.67 -0.09 0.00	21.97 -0.15 0.00	21.32 -0.22 0.00	21.73 -0.24 0.00	22.20 -0.25 0.00	22.84 -0.21 0.00	23.85 -0.19 0.00	24.00 -0.27 0.00	25.71 -0.34 0.00	22.75 -0.28 0.00	21.25 -0.26 0.00	21.25 -0.24 0.00
MAPLE_RIDGE_WT_2 323611	21.27 -0.21 0.00	21.27 -0.21 0.00	19.84 -0.20 0.00	18.94 -0.15 0.00	21.29 -0.15 0.00	21.38 -0.11 0.00	25.01 -0.05 0.00	25.52 -0.03 0.00	28.14 0.00 0.00	29.17 0.00 0.00	25.68 0.00 0.00	25.49 -0.05 0.00	23.67 -0.09 0.00	21.97 -0.15 0.00	21.32 -0.22 0.00	21.73 -0.24 0.00	22.20 -0.25 0.00	22.84 -0.21 0.00	23.85 -0.19 0.00	24.00 -0.27 0.00	25.71 -0.34 0.00	22.75 -0.28 0.00	21.25 -0.26 0.00	21.25 -0.24 0.00
MARBLE_RIVER_WT_PWR 323696	21.62 0.13 0.00	21.55 0.06 0.00	20.20 0.16 0.00	19.21 0.12 0.00	21.57 0.13 0.00	21.68 0.19 0.00	25.26 0.20 0.00	25.44 -0.10 0.00	28.14 0.00 0.00	29.20 0.03 0.00	25.81 0.13 0.00	25.67 0.13 0.00	23.76 0.00 0.00	22.12 0.00 0.00	21.49 -0.04 0.00	21.87 -0.11 0.00	22.38 -0.07 0.00	23.03 -0.02 0.00	24.31 0.27 0.00	24.39 0.12 0.00	26.20 0.16 0.00	22.95 -0.07 0.00	21.38 -0.13 0.00	21.38 -0.11 0.00
MARSHVLE_115KV_TB1 80742	34.29 1.96 -10.85	30.27 1.96 -6.83	27.64 1.78 -5.82	26.76 1.72 -5.95	25.29 2.02 -1.83	27.85 2.15 -4.22	31.87 2.61 -4.20	38.54 2.63 -10.36	38.16 2.50 -7.51	38.36 2.36 -6.82	37.48 2.08 -9.72	38.80 2.02 -11.24	39.52 1.83 -13.93	39.93 1.68 -16.13	40.83 1.61 -17.69	39.44 1.69 -15.77	43.45 1.73 -19.27	46.75 1.94 -21.76	41.67 2.02 -15.60	41.93 2.06 -15.60	35.93 2.50 -7.38	31.01 2.03 -5.96	29.10 1.72 -5.87	26.04 1.55 -3.01
MARSH_HILL_WT_PWR 323713	22.75 0.36 -0.90	22.39 0.34 -0.56	20.74 0.22 -0.48	19.81 0.23 -0.49	21.87 0.28 -0.15	22.22 0.39 -0.35	26.04 0.63 -0.35	26.94 0.48 -0.91	29.15 0.34 -0.66	30.04 0.26 -0.60	26.72 0.18 -0.86	26.68 0.15 -0.99	25.15 0.17 -1.22	23.91 0.38 -1.41	23.38 0.30 -1.55	23.74 0.37 -1.39	24.49 0.34 -1.70	25.38 0.42 -1.92	25.73 0.31 -1.38	26.00 0.44 -1.29	27.15 0.49 -0.61	24.14 0.62 -0.49	22.40 0.41 -0.49	22.12 0.39 -0.25
MCINTYRE_115KV_TB2 80467	21.23 -0.26 0.00	21.19 -0.30 0.00	19.84 -0.20 0.00	18.92 -0.17 0.00	21.34 -0.11 0.00	21.34 -0.15 0.00	24.86 -0.20 0.00	25.24 -0.31 0.00	27.89 -0.25 0.00	28.85 -0.32 0.00	25.45 -0.23 0.00	25.31 -0.23 0.00	23.45 -0.31 0.00	21.79 -0.33 0.00	21.19 -0.34 0.00	21.65 -0.33 0.00	22.16 -0.29 0.00	22.75 -0.30 0.00	23.83 -0.22 0.00	24.03 -0.24 0.00	25.84 -0.21 0.00	22.70 -0.32 0.00	21.18 -0.32 0.00	21.14 -0.34 0.00
MECO____69_KV_BK1 80468	34.61 2.28 -10.85	30.57 2.26 -6.83	27.92 2.06 -5.82	27.04 2.00 -5.95	25.98 2.70 -1.83	28.19 2.49 -4.22	32.32 3.06 -4.20	38.89 2.99 -10.36	38.45 2.79 -7.51	38.53 2.54 -6.82	37.59 2.18 -9.72	38.90 2.12 -11.24	39.59 1.90 -13.93	40.15 1.90 -16.13	41.07 1.85 -17.69	39.68 1.93 -15.77	43.72 2.00 -19.27	47.07 2.26 -21.76	42.01 2.36 -15.60	42.27 2.40 -15.60	36.24 2.81 -7.38	31.27 2.28 -5.96	29.34 1.96 -5.87	26.23 1.74 -3.01
MENANDS_115KV_TB5 355628	32.79 0.71 -10.60	28.87 0.71 -6.68	26.39 0.66 -5.69	25.56 0.65 -5.81	23.99 0.75 -1.79	26.38 0.77 -4.12	30.12 0.95 -4.10	36.65 0.97 -10.13	36.48 0.99 -7.35	36.86 1.02 -6.67	36.14 0.95 -9.51	37.40 0.87 -10.99	38.34 0.86 -13.72	38.83 0.82 -15.89	39.73 0.78 -17.42	38.21 0.81 -15.42	42.08 0.79 -18.85	45.16 0.83 -21.28	40.17 0.87 -15.26	40.40 0.87 -15.25	34.23 0.96 -7.22	29.64 0.78 -5.83	27.87 0.62 -5.74	25.05 0.62 -2.94
MG INDUSTRY___DRP 24185	32.82 0.88 -10.45	28.94 0.88 -6.57	26.44 0.80 -5.60	25.60 0.78 -5.72	24.13 0.92 -1.77	26.47 0.92 -4.06	30.18 1.08 -4.04	36.59 1.07 -9.97	36.49 1.13 -7.22	36.87 1.14 -6.56	36.08 1.05 -9.35	37.37 1.02 -10.81	38.12 0.95 -13.40	38.57 0.93 -15.52	39.39 0.84 -17.02	38.02 0.88 -15.17	41.85 0.85 -18.54	44.91 0.92 -20.93	40.02 0.96 -15.01	40.22 0.95 -15.01	34.22 1.07 -7.10	29.66 0.90 -5.74	27.91 0.75 -5.65	25.13 0.75 -2.89
MID___OSWEGATCHIE_HYD 23849	21.19 -0.30 0.00	21.06 -0.43 0.00	19.66 -0.38 0.00	18.75 -0.34 0.00	21.21 -0.24 0.00	21.29 -0.19 0.00	24.89 -0.18 0.00	25.26 -0.28 0.00	27.84 -0.31 0.00	28.79 -0.38 0.00	25.37 -0.31 0.00	25.23 -0.31 0.00	23.38 -0.38 0.00	21.66 -0.46 0.00	21.01 -0.52 0.00	21.51 -0.46 0.00	22.02 -0.43 0.00	22.61 -0.44 0.00	23.66 -0.38 0.00	23.88 -0.39 0.00	25.63 -0.42 0.00	22.58 -0.44 0.00	21.06 -0.45 0.00	21.10 -0.39 0.00
MID___RAQUETTE_HYD 23851	20.88 -0.60 0.00	20.82 -0.67 0.00	19.50 -0.54 0.00	18.60 -0.50 0.00	20.97 -0.47 0.00	20.95 -0.54 0.00	24.41 -0.65 0.00	24.80 -0.74 0.00	27.38 -0.76 0.00	28.39 -0.79 0.00	25.04 -0.64 0.00	24.90 -0.64 0.00	23.07 -0.69 0.00	21.42 -0.71 0.00	20.80 -0.73 0.00	21.23 -0.75 0.00	21.73 -0.72 0.00	22.34 -0.71 0.00	23.40 -0.65 0.00	23.57 -0.70 0.00	25.34 -0.70 0.00	22.29 -0.74 0.00	20.80 -0.71 0.00	20.80 -0.69 0.00
MILLIKEN___1 23584	22.80 0.41 -0.91	22.46 0.41 -0.57	20.83 0.30 -0.49	19.89 0.31 -0.50	21.96 0.36 -0.15	22.31 0.47 -0.35	26.02 0.60 -0.35	27.00 0.59 -0.87	29.40 0.56 -0.69	30.36 0.55 -0.63	26.99 0.41 -0.90	26.98 0.41 -1.04	25.39 0.36 -1.27	23.99 0.40 -1.47	23.49 0.34 -1.62	23.75 0.46 -1.32	24.55 0.49 -1.61	25.44 0.58 -1.82	25.90 0.55 -1.30	26.20 0.63 -1.30	27.31 0.65 -0.62	24.12 0.60 -0.50	22.47 0.47 -0.49	22.15 0.41 -0.25
MILLIKEN___2 23585	22.80 0.41 -0.91	22.46 0.41 -0.57	20.83 0.30 -0.49	19.89 0.31 -0.50	21.96 0.36 -0.15	22.31 0.47 -0.35	26.02 0.60 -0.35	27.00 0.59 -0.87	29.40 0.56 -0.69	30.36 0.55 -0.63	26.99 0.41 -0.90	26.98 0.41 -1.04	25.39 0.36 -1.27	23.99 0.40 -1.47	23.49 0.34 -1.62	23.75 0.46 -1.32	24.55 0.49 -1.61	25.44 0.58 -1.82	25.90 0.55 -1.30	26.20 0.63 -1.30	27.31 0.65 -0.62	24.12 0.60 -0.50	22.47 0.47 -0.49	22.15 0.41 -0.25
MILLIKEN___DIESEL 23629	22.80 0.41 -0.91	22.46 0.41 -0.57	20.83 0.30 -0.49	19.89 0.31 -0.50	21.96 0.36 -0.15	22.31 0.47 -0.35	26.02 0.60 -0.35	27.00 0.59 -0.87	29.40 0.56 -0.69	30.36 0.55 -0.63	26.99 0.41 -0.90	26.98 0.41 -1.04	25.39 0.36 -1.27	23.99 0.40 -1.47	23.49 0.34 -1.62	23.75 0.46 -1.32	24.55 0.49 -1.61	25.44 0.58 -1.82	25.90 0.55 -1.30	26.20 0.63 -1.30	27.31 0.65 -0.62	24.12 0.60 -0.50	22.47 0.47 -0.49	22.15 0.41 -0.25

MILLSEAT___LFGE 323607	22.33 0.19 -0.65	22.05 0.15 -0.41	20.49 0.10 -0.35	19.55 0.10 -0.36	21.62 0.06 -0.11	21.89 0.15 -0.25	25.67 0.35 -0.25	26.18 -0.03 -0.66	28.43 -0.20 -0.48	29.26 -0.35 -0.44	26.00 -0.31 -0.62	25.92 -0.33 -0.72	24.48 -0.17 -0.88	23.24 0.09 -1.02	22.63 -0.02 -1.12	23.07 0.09 -1.01	23.59 -0.09 -1.23	24.39 -0.05 -1.39	24.92 -0.12 -0.99	25.18 -0.02 -0.94	26.57 0.08 -0.44	23.73 0.35 -0.36	22.01 0.15 -0.35	21.97 0.30 -0.18
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	30.97 1.20 -8.28	27.80 1.16 -5.15	25.45 1.02 -4.39	24.52 0.94 -4.49	23.81 0.99 -1.38	25.68 1.01 -3.18	29.49 1.25 -3.17	34.85 1.48 -7.82	35.55 1.74 -5.66	36.15 1.84 -5.14	34.65 1.64 -7.32	35.64 1.63 -8.47	35.75 1.59 -10.39	35.55 1.39 -12.03	36.13 1.40 -13.20	35.33 1.45 -11.90	38.52 1.53 -14.55	41.00 1.52 -16.42	37.39 1.56 -11.78	37.57 1.53 -11.77	33.21 1.59 -5.57	28.84 1.31 -4.50	27.06 1.12 -4.43	24.79 1.03 -2.27
MILLWOOD_13_KV_LOAD 356217	31.07 1.31 -8.28	27.86 1.22 -5.15	25.51 1.08 -4.39	24.55 0.97 -4.49	23.86 1.03 -1.38	25.74 1.07 -3.18	29.56 1.33 -3.17	34.95 1.58 -7.82	35.63 1.83 -5.66	36.26 1.95 -5.14	34.75 1.75 -7.32	35.74 1.74 -8.47	35.87 1.71 -10.39	35.64 1.48 -12.03	36.26 1.53 -13.20	35.46 1.58 -11.90	38.66 1.66 -14.55	41.13 1.66 -16.42	37.53 1.71 -11.78	37.72 1.67 -11.77	33.34 1.72 -5.57	28.91 1.38 -4.50	27.12 1.18 -4.43	24.83 1.07 -2.27
MODEL_CITY_ENERGY 24167	21.87 -0.30 -0.68	21.59 -0.32 -0.43	20.02 -0.38 -0.36	19.10 -0.36 -0.37	21.11 -0.45 -0.11	21.38 -0.37 -0.26	25.00 -0.33 -0.26	25.47 -0.77 -0.69	27.60 -1.04 -0.50	28.43 -1.20 -0.45	25.30 -1.03 -0.65	25.21 -1.07 -0.75	23.83 -0.85 -0.92	22.68 -0.51 -1.06	22.14 -0.56 -1.17	22.56 -0.46 -1.05	23.06 -0.67 -1.28	23.82 -0.67 -1.44	24.26 -0.82 -1.03	24.52 -0.73 -0.97	25.80 -0.70 -0.46	23.07 -0.32 -0.37	21.46 -0.41 -0.37	21.48 -0.19 -0.19
MODERN_LFGE___ 323580	21.87 -0.30 -0.68	21.59 -0.32 -0.43	20.02 -0.38 -0.36	19.10 -0.36 -0.37	21.11 -0.45 -0.11	21.38 -0.37 -0.26	25.00 -0.33 -0.26	25.47 -0.77 -0.69	27.60 -1.04 -0.50	28.43 -1.20 -0.45	25.30 -1.03 -0.65	25.21 -1.07 -0.75	23.83 -0.85 -0.92	22.68 -0.51 -1.06	22.14 -0.56 -1.17	22.56 -0.46 -1.05	23.06 -0.67 -1.28	23.82 -0.67 -1.44	24.26 -0.82 -1.03	24.52 -0.73 -0.97	25.80 -0.70 -0.46	23.07 -0.32 -0.37	21.46 -0.41 -0.37	21.48 -0.19 -0.19
MOHAWK_PAPER___DRP 24187	32.93 0.84 -10.61	29.01 0.84 -6.68	26.52 0.78 -5.70	25.68 0.76 -5.82	24.12 0.88 -1.80	26.52 0.90 -4.13	30.28 1.10 -4.11	36.84 1.15 -10.14	36.65 1.15 -7.35	37.05 1.20 -6.68	36.30 1.10 -9.52	37.56 1.02 -11.00	38.47 0.97 -13.73	38.98 0.95 -15.90	39.85 0.88 -17.44	38.33 0.92 -15.44	42.22 0.90 -18.87	45.32 0.97 -21.30	40.33 1.01 -15.28	40.56 1.02 -15.27	34.39 1.12 -7.23	29.78 0.92 -5.84	27.99 0.73 -5.75	25.18 0.75 -2.94
MOHICAN___35_KV_115KV_LD 80490	33.69 1.44 -10.76	29.68 1.42 -6.78	27.14 1.32 -5.78	26.30 1.30 -5.90	24.81 1.54 -1.82	27.26 1.59 -4.19	31.14 1.90 -4.17	37.78 1.94 -10.29	37.58 1.97 -7.46	37.96 2.01 -6.77	37.21 1.87 -9.66	38.52 1.81 -11.17	39.09 1.47 -13.85	39.60 1.44 -16.04	40.32 1.21 -17.59	38.73 1.10 -15.66	42.67 1.08 -19.14	45.88 1.22 -21.61	40.82 1.27 -15.50	41.07 1.31 -15.49	34.86 1.48 -7.33	30.28 1.34 -5.92	28.46 1.12 -5.83	25.65 1.18 -2.99
MONGAUP___HYD 23641	29.64 1.01 -7.14	26.92 0.99 -4.45	24.73 0.90 -3.79	23.81 0.84 -3.87	23.60 0.97 -1.20	25.20 0.97 -2.75	28.98 1.18 -2.73	33.56 1.30 -6.71	34.39 1.38 -4.87	34.97 1.37 -4.42	33.14 1.16 -6.30	33.98 1.15 -7.29	33.85 1.12 -8.97	33.49 0.97 -10.39	33.94 1.01 -11.40	33.31 1.12 -10.21	36.12 1.19 -12.48	38.39 1.24 -14.09	35.43 1.27 -10.11	35.72 1.29 -10.16	32.18 1.33 -4.81	28.06 1.15 -3.89	26.32 0.99 -3.83	24.35 0.90 -1.96
MONTAUK___DIESEL 23721	36.14 3.33 -11.32	30.99 3.27 -6.24	31.54 3.03 -8.47	28.66 2.79 -6.78	25.86 3.00 -1.42	27.73 3.03 -3.22	33.28 3.71 -4.51	37.49 4.04 -7.91	38.32 4.45 -5.73	39.18 4.76 -5.25	37.38 4.13 -7.57	38.40 4.16 -8.70	38.33 3.92 -10.64	39.73 3.58 -14.02	38.46 3.57 -13.35	37.96 3.65 -12.33	41.07 3.84 -14.78	43.60 3.90 -16.66	40.00 3.99 -11.96	40.16 3.98 -11.91	38.09 4.14 -7.90	35.99 3.48 -9.49	32.29 3.18 -7.60	29.37 3.12 -4.77
MOONROAD_115KV_HARTFLD_TB1-2 355988	22.54 0.28 -0.77	22.27 0.30 -0.48	20.57 0.12 -0.41	19.65 0.13 -0.42	21.72 0.15 -0.13	22.19 0.41 -0.30	25.86 0.50 -0.30	26.56 0.28 -0.73	28.82 0.11 -0.57	29.75 0.06 -0.51	26.47 0.05 -0.73	26.38 0.00 -0.85	24.85 0.05 -1.04	23.57 0.24 -1.20	23.07 0.22 -1.32	23.40 0.31 -1.11	23.97 0.16 -1.36	24.77 0.18 -1.54	25.15 0.00 -1.10	25.44 0.07 -1.10	26.75 0.18 -0.52	23.95 0.51 -0.42	22.24 0.32 -0.41	22.15 0.45 -0.21
MORTIMER_115KV_TB3 55949	22.21 0.15 -0.58	22.00 0.15 -0.36	20.45 0.10 -0.31	19.48 0.08 -0.31	21.60 0.06 -0.10	21.95 0.24 -0.22	25.59 0.30 -0.22	26.14 0.05 -0.55	28.54 -0.03 -0.42	29.47 -0.09 -0.38	26.18 -0.05 -0.55	26.09 -0.08 -0.63	24.56 0.02 -0.78	23.16 0.13 -0.90	22.56 0.04 -0.99	22.94 0.13 -0.83	23.49 0.02 -1.02	24.25 0.05 -1.15	24.87 0.00 -0.83	25.17 0.07 -0.82	26.59 0.16 -0.39	23.66 0.32 -0.32	22.01 0.19 -0.31	21.95 0.30 -0.16
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	31.20 1.35 -8.36	28.00 1.31 -5.21	25.64 1.16 -4.44	24.66 1.03 -4.53	23.91 1.07 -1.40	25.80 1.10 -3.22	29.62 1.35 -3.20	35.11 1.66 -7.90	35.83 1.97 -5.72	36.41 2.04 -5.19	34.95 1.87 -7.40	35.98 1.89 -8.55	36.07 1.81 -10.50	35.83 1.55 -12.16	36.42 1.55 -13.34	35.58 1.58 -12.02	38.81 1.66 -14.70	41.28 1.64 -16.59	37.65 1.71 -11.90	37.84 1.67 -11.89	33.45 1.77 -5.63	29.02 1.45 -4.55	27.21 1.23 -4.48	24.92 1.14 -2.29
MUNSVILLE_WIND_PWR 323609	24.25 1.38 -1.39	23.69 1.33 -0.87	21.92 1.14 -0.74	21.05 1.20 -0.76	23.20 1.52 -0.23	23.65 1.63 -0.54	27.83 2.23 -0.53	29.31 2.04 -1.72	31.48 2.08 -1.25	32.26 1.95 -1.13	28.89 1.59 -1.62	28.94 1.53 -1.87	27.42 1.35 -2.30	26.02 1.24 -2.66	25.57 1.12 -2.92	26.04 1.45 -2.62	27.27 1.62 -3.20	28.30 1.64 -3.61	28.42 1.78 -2.59	28.24 1.99 -1.98	29.07 2.08 -0.94	25.53 1.75 -0.76	23.65 1.40 -0.75	23.14 1.27 -0.38
N SALMON___HYD 24042	21.57 0.09 0.00	21.51 0.02 0.00	20.18 0.14 0.00	19.19 0.10 0.00	21.61 0.17 0.00	21.66 0.17 0.00	25.26 0.20 0.00	25.52 -0.03 0.00	28.26 0.11 0.00	29.29 0.12 0.00	25.89 0.20 0.00	25.74 0.20 0.00	23.81 0.05 0.00	22.12 0.00 0.00	21.49 -0.04 0.00	21.89 -0.09 0.00	22.41 -0.04 0.00	23.05 0.00 0.00	24.29 0.24 0.00	24.39 0.12 0.00	26.23 0.18 0.00	22.98 -0.05 0.00	21.40 -0.11 0.00	21.40 -0.09 0.00
N.AKRON___115KV_KNAPP 355671	22.34 0.19 -0.66	22.09 0.19 -0.41	20.47 0.08 -0.35	19.53 0.08 -0.36	21.64 0.09 -0.11	22.04 0.30 -0.25	25.67 0.35 -0.25	26.14 -0.03 -0.62	28.40 -0.23 -0.48	29.26 -0.35 -0.44	26.00 -0.31 -0.62	25.90 -0.36 -0.72	24.46 -0.19 -0.89	23.20 0.04 -1.03	22.64 -0.02 -1.13	23.01 0.09 -0.95	23.50 -0.11 -1.16	24.29 -0.07 -1.31	24.85 -0.14 -0.94	25.16 -0.05 -0.94	26.54 0.05 -0.45	23.70 0.32 -0.36	22.01 0.15 -0.35	22.01 0.34 -0.18

N.BELMOR_69_KV_BK1 55787	34.63 1.83 -11.31	29.51 1.78 -6.24	30.13 1.62 -8.47	27.38 1.51 -6.78	24.45 1.59 -1.42	26.36 1.65 -3.22	31.58 2.01 -4.51	35.70 2.25 -7.90	36.37 2.50 -5.72	37.11 2.74 -5.19	35.57 2.36 -7.53	36.60 2.37 -8.69	36.68 2.28 -10.63	38.17 2.04 -14.01	36.90 2.02 -13.34	36.31 2.09 -12.25	39.35 2.18 -14.72	41.84 2.19 -16.60	38.21 2.26 -11.90	38.38 2.21 -11.90	36.23 2.34 -7.84	32.71 1.98 -7.71	30.82 1.79 -7.52	27.95 1.70 -4.77
N.E_GEN_SANDY PD 24062	31.60 0.82 -9.30	28.38 0.82 -6.08	26.00 0.78 -5.18	25.15 0.76 -5.29	23.91 0.84 -1.63	26.10 0.86 -3.75	29.83 1.03 -3.74	35.86 1.12 -9.19	36.07 1.27 -6.66	36.53 1.31 -6.04	35.40 1.10 -8.61	36.62 1.12 -9.96	37.13 1.07 -12.30	37.38 1.02 -14.24	38.14 0.99 -15.62	37.00 1.03 -13.99	40.58 1.03 -17.10	43.44 1.08 -19.31	39.00 1.11 -13.85	39.27 1.12 -13.88	33.79 1.17 -6.57	29.30 0.97 -5.31	27.53 0.80 -5.23	25.00 0.84 -2.68
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	30.47 1.12 -7.86	27.48 1.10 -4.90	25.17 0.96 -4.17	24.23 0.88 -4.26	23.70 0.94 -1.32	25.48 0.97 -3.02	29.25 1.18 -3.01	34.41 1.43 -7.43	35.15 1.63 -5.37	35.77 1.72 -4.88	34.18 1.54 -6.95	35.14 1.56 -8.04	35.15 1.52 -9.87	34.86 1.31 -11.43	35.40 1.33 -12.53	34.65 1.36 -11.31	37.73 1.46 -13.82	40.11 1.45 -15.61	36.71 1.47 -11.19	36.89 1.43 -11.19	32.85 1.51 -5.29	28.57 1.27 -4.28	26.77 1.05 -4.21	24.61 0.97 -2.16
N.QUEENS_27_KV_LOAD 356247	31.29 1.44 -8.36	28.05 1.35 -5.21	25.64 1.16 -4.44	24.66 1.03 -4.53	23.76 0.92 -1.40	25.60 0.90 -3.22	29.39 1.13 -3.20	34.95 1.51 -7.90	35.72 1.86 -5.72	36.32 1.95 -5.19	34.90 1.82 -7.40	36.01 1.92 -8.55	36.07 1.81 -10.50	35.76 1.48 -12.16	36.35 1.49 -13.34	35.49 1.49 -12.02	38.72 1.57 -14.70	41.19 1.54 -16.59	37.56 1.61 -11.90	37.72 1.55 -11.89	33.26 1.59 -5.63	28.84 1.27 -4.55	27.10 1.12 -4.48	24.81 1.03 -2.29
N.TROY___115KV_TB1 355778	33.02 0.90 -10.63	29.12 0.92 -6.71	26.62 0.86 -5.71	25.77 0.84 -5.84	24.23 0.99 -1.80	26.62 0.99 -4.14	30.39 1.20 -4.12	36.95 1.23 -10.18	36.82 1.29 -7.38	37.19 1.31 -6.70	36.41 1.18 -9.55	37.78 1.20 -11.04	38.61 1.12 -13.73	39.11 1.08 -15.90	39.98 1.01 -17.44	38.45 0.99 -15.49	42.37 0.99 -18.93	45.49 1.06 -21.38	40.48 1.11 -15.33	40.71 1.12 -15.32	34.50 1.20 -7.25	29.89 1.01 -5.86	28.11 0.84 -5.77	25.30 0.86 -2.95
NARROWS_GT1_1 24228	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.83 0.99 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.04 1.64 -7.86	35.88 2.03 -5.71	36.48 2.13 -5.18	35.07 2.00 -7.38	36.12 2.04 -8.54	36.23 1.95 -10.52	35.91 1.61 -12.18	36.52 1.64 -13.36	35.61 1.67 -11.97	38.83 1.75 -14.63	41.29 1.73 -16.51	37.70 1.80 -11.84	37.93 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
NARROWS_GT1_2 24229	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.83 0.99 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.04 1.64 -7.86	35.88 2.03 -5.71	36.48 2.13 -5.18	35.07 2.00 -7.38	36.12 2.04 -8.54	36.23 1.95 -10.52	35.91 1.61 -12.18	36.52 1.64 -13.36	35.61 1.67 -11.97	38.83 1.75 -14.63	41.29 1.73 -16.51	37.70 1.80 -11.84	37.93 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
NARROWS_GT1_3 24230	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.83 0.99 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.04 1.64 -7.86	35.88 2.03 -5.71	36.48 2.13 -5.18	35.07 2.00 -7.38	36.12 2.04 -8.54	36.23 1.95 -10.52	35.91 1.61 -12.18	36.52 1.64 -13.36	35.61 1.67 -11.97	38.83 1.75 -14.63	41.29 1.73 -16.51	37.70 1.80 -11.84	37.93 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
NARROWS_GT1_4 24231	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.83 0.99 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.04 1.64 -7.86	35.88 2.03 -5.71	36.48 2.13 -5.18	35.07 2.00 -7.38	36.12 2.04 -8.54	36.23 1.95 -10.52	35.91 1.61 -12.18	36.52 1.64 -13.36	35.61 1.67 -11.97	38.83 1.75 -14.63	41.29 1.73 -16.51	37.70 1.80 -11.84	37.93 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
NARROWS_GT1_5 24232	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.83 0.99 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.04 1.64 -7.86	35.88 2.03 -5.71	36.48 2.13 -5.18	35.07 2.00 -7.38	36.12 2.04 -8.54	36.23 1.95 -10.52	35.91 1.61 -12.18	36.52 1.64 -13.36	35.61 1.67 -11.97	38.83 1.75 -14.63	41.29 1.73 -16.51	37.70 1.80 -11.84	37.93 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
NARROWS_GT1_6 24233	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.83 0.99 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.04 1.64 -7.86	35.88 2.03 -5.71	36.48 2.13 -5.18	35.07 2.00 -7.38	36.12 2.04 -8.54	36.23 1.95 -10.52	35.91 1.61 -12.18	36.52 1.64 -13.36	35.61 1.67 -11.97	38.83 1.75 -14.63	41.29 1.73 -16.51	37.70 1.80 -11.84	37.93 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
NARROWS_GT1_7 24234	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.83 0.99 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.04 1.64 -7.86	35.88 2.03 -5.71	36.48 2.13 -5.18	35.07 2.00 -7.38	36.12 2.04 -8.54	36.23 1.95 -10.52	35.91 1.61 -12.18	36.52 1.64 -13.36	35.61 1.67 -11.97	38.83 1.75 -14.63	41.29 1.73 -16.51	37.70 1.80 -11.84	37.93 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
NARROWS_GT1_8 24235	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.83 0.99 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.04 1.64 -7.86	35.88 2.03 -5.71	36.48 2.13 -5.18	35.07 2.00 -7.38	36.12 2.04 -8.54	36.23 1.95 -10.52	35.91 1.61 -12.18	36.52 1.64 -13.36	35.61 1.67 -11.97	38.83 1.75 -14.63	41.29 1.73 -16.51	37.70 1.80 -11.84	37.93 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
NARROWS_GT2_1 24236	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.83 0.99 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.04 1.64 -7.86	35.88 2.03 -5.71	36.48 2.13 -5.18	35.07 2.00 -7.38	36.12 2.04 -8.54	36.23 1.95 -10.52	35.91 1.61 -12.18	36.52 1.64 -13.36	35.61 1.67 -11.97	38.83 1.75 -14.63	41.29 1.73 -16.51	37.70 1.80 -11.84	37.93 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
NARROWS_GT2_2 24237	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.83 0.99 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.04 1.64 -7.86	35.88 2.03 -5.71	36.48 2.13 -5.18	35.07 2.00 -7.38	36.12 2.04 -8.54	36.23 1.95 -10.52	35.91 1.61 -12.18	36.52 1.64 -13.36	35.61 1.67 -11.97	38.83 1.75 -14.63	41.29 1.73 -16.51	37.70 1.80 -11.84	37.93 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29

NARROWS_GT2_3 24238	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.83 0.99 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.04 1.64 -7.86	35.88 2.03 -5.71	36.48 2.13 -5.18	35.07 2.00 -7.38	36.12 2.04 -8.54	36.23 1.95 -10.52	35.91 1.61 -12.18	36.52 1.64 -13.36	35.61 1.67 -11.97	38.83 1.75 -14.63	41.29 1.73 -16.51	37.70 1.80 -11.84	37.93 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
NARROWS_GT2_4 24239	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.83 0.99 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.04 1.64 -7.86	35.88 2.03 -5.71	36.48 2.13 -5.18	35.07 2.00 -7.38	36.12 2.04 -8.54	36.23 1.95 -10.52	35.91 1.61 -12.18	36.52 1.64 -13.36	35.61 1.67 -11.97	38.83 1.75 -14.63	41.29 1.73 -16.51	37.70 1.80 -11.84	37.93 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
NARROWS_GT2_5 24240	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.83 0.99 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.04 1.64 -7.86	35.88 2.03 -5.71	36.48 2.13 -5.18	35.07 2.00 -7.38	36.12 2.04 -8.54	36.23 1.95 -10.52	35.91 1.61 -12.18	36.52 1.64 -13.36	35.61 1.67 -11.97	38.83 1.75 -14.63	41.29 1.73 -16.51	37.70 1.80 -11.84	37.93 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
NARROWS_GT2_6 24241	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.83 0.99 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.04 1.64 -7.86	35.88 2.03 -5.71	36.48 2.13 -5.18	35.07 2.00 -7.38	36.12 2.04 -8.54	36.23 1.95 -10.52	35.91 1.61 -12.18	36.52 1.64 -13.36	35.61 1.67 -11.97	38.83 1.75 -14.63	41.29 1.73 -16.51	37.70 1.80 -11.84	37.93 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
NARROWS_GT2_7 24242	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.83 0.99 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.04 1.64 -7.86	35.88 2.03 -5.71	36.48 2.13 -5.18	35.07 2.00 -7.38	36.12 2.04 -8.54	36.23 1.95 -10.52	35.91 1.61 -12.18	36.52 1.64 -13.36	35.61 1.67 -11.97	38.83 1.75 -14.63	41.29 1.73 -16.51	37.70 1.80 -11.84	37.93 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
NARROWS_GT2_8 24243	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.83 0.99 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.04 1.64 -7.86	35.88 2.03 -5.71	36.48 2.13 -5.18	35.07 2.00 -7.38	36.12 2.04 -8.54	36.23 1.95 -10.52	35.91 1.61 -12.18	36.52 1.64 -13.36	35.61 1.67 -11.97	38.83 1.75 -14.63	41.29 1.73 -16.51	37.70 1.80 -11.84	37.93 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	32.55 1.10 -9.97	28.84 1.10 -6.26	26.37 1.00 -5.33	25.52 0.97 -5.45	24.30 1.18 -1.68	26.62 1.27 -3.87	30.47 1.55 -3.85	36.57 1.53 -9.50	36.45 1.44 -6.87	36.84 1.43 -6.24	35.91 1.34 -8.89	37.10 1.28 -10.28	37.75 1.24 -12.75	38.08 1.19 -14.76	38.78 1.05 -16.19	37.46 1.03 -14.45	41.13 1.01 -17.67	44.15 1.15 -19.95	39.58 1.23 -14.30	39.83 1.26 -14.30	34.19 1.38 -6.77	29.62 1.13 -5.47	27.81 0.92 -5.38	25.10 0.86 -2.76
NCHELSEA_115KV_TR2 355582	31.15 1.29 -8.37	27.95 1.25 -5.22	25.61 1.12 -4.45	24.67 1.03 -4.55	23.96 1.12 -1.40	25.89 1.18 -3.22	29.68 1.40 -3.21	35.08 1.61 -7.92	35.65 1.77 -5.73	36.21 1.84 -5.20	34.76 1.67 -7.41	35.80 1.69 -8.57	35.91 1.62 -10.53	35.71 1.39 -12.19	36.30 1.40 -13.37	35.48 1.45 -12.06	38.72 1.53 -14.74	41.24 1.54 -16.64	37.57 1.59 -11.93	37.80 1.60 -11.93	33.36 1.67 -5.65	28.96 1.38 -4.56	27.18 1.18 -4.49	24.88 1.10 -2.30
NEG CAPITAL___MECHNVIL 23645	33.49 1.29 -10.72	29.51 1.27 -6.76	26.98 1.18 -5.76	26.12 1.15 -5.88	24.59 1.33 -1.82	27.03 1.38 -4.17	30.87 1.65 -4.15	37.46 1.69 -10.23	37.39 1.75 -7.50	37.79 1.81 -6.81	37.04 1.65 -9.71	38.37 1.61 -11.23	38.89 1.43 -13.70	39.38 1.39 -15.86	40.20 1.27 -17.40	38.79 1.25 -15.57	42.71 1.23 -19.02	45.87 1.34 -21.48	40.85 1.39 -15.40	41.11 1.41 -15.43	34.91 1.56 -7.31	30.26 1.33 -5.90	28.46 1.14 -5.81	25.60 1.14 -2.98
NEG CENTRAL_HIGH_ACRES 23767	21.80 -0.26 -0.57	21.54 -0.30 -0.36	20.06 -0.28 -0.30	19.12 -0.29 -0.31	21.22 -0.32 -0.10	21.45 -0.26 -0.22	25.13 -0.15 -0.22	25.79 -0.33 -0.57	28.14 -0.42 -0.42	29.08 -0.47 -0.38	25.81 -0.41 -0.54	25.75 -0.41 -0.62	24.22 -0.31 -0.77	22.81 -0.20 -0.89	22.21 -0.30 -0.98	22.63 -0.22 -0.87	23.21 -0.31 -1.07	23.98 -0.28 -1.21	24.58 -0.34 -0.87	24.81 -0.27 -0.81	26.17 -0.26 -0.38	23.24 -0.09 -0.31	21.60 -0.22 -0.31	21.45 -0.19 -0.16
NEG CENTRAL___DRP 24199	22.21 0.11 -0.61	21.98 0.11 -0.38	20.39 0.02 -0.33	19.47 0.04 -0.33	21.61 0.06 -0.10	21.92 0.19 -0.24	25.58 0.28 -0.24	26.36 0.23 -0.58	28.77 0.17 -0.45	29.73 0.15 -0.41	26.37 0.10 -0.58	26.32 0.10 -0.68	24.69 0.10 -0.83	23.26 0.18 -0.96	22.71 0.13 -1.06	23.08 0.22 -0.89	23.74 0.20 -1.08	24.53 0.25 -1.22	25.12 0.19 -0.88	25.41 0.27 -0.88	26.75 0.29 -0.42	23.66 0.30 -0.34	22.01 0.17 -0.33	21.83 0.17 -0.17
NEG CENTRAL___INDECK 23768	23.08 0.82 -0.77	22.72 0.75 -0.48	21.13 0.68 -0.41	20.16 0.65 -0.42	22.26 0.69 -0.13	22.62 0.84 -0.30	26.57 1.20 -0.30	27.35 1.02 -0.78	29.64 0.93 -0.57	30.48 0.79 -0.52	27.03 0.62 -0.73	26.92 0.54 -0.85	25.33 0.52 -1.05	24.04 0.71 -1.21	23.44 0.58 -1.33	23.89 0.72 -1.19	24.62 0.72 -1.45	25.55 0.85 -1.64	26.09 0.86 -1.18	26.39 1.02 -1.11	27.71 1.14 -0.52	24.66 1.22 -0.42	22.87 0.95 -0.42	22.60 0.90 -0.21
NEG CENTRAL___SENECA 23627	22.33 0.17 -0.67	22.08 0.17 -0.42	20.48 0.08 -0.36	19.55 0.10 -0.36	21.73 0.17 -0.11	22.05 0.30 -0.26	25.75 0.43 -0.26	26.54 0.36 -0.63	28.89 0.25 -0.49	29.85 0.23 -0.45	26.50 0.18 -0.64	26.43 0.15 -0.74	24.83 0.17 -0.90	23.44 0.27 -1.05	22.89 0.22 -1.15	23.23 0.29 -0.97	23.90 0.27 -1.18	24.75 0.37 -1.33	25.29 0.29 -0.96	25.59 0.36 -0.96	26.89 0.39 -0.45	23.83 0.44 -0.37	22.13 0.26 -0.36	21.91 0.24 -0.18
NEG CENTRAL___STATE_STREET 24147	22.41 0.32 -0.61	22.21 0.34 -0.38	20.60 0.24 -0.32	19.67 0.25 -0.33	21.72 0.17 -0.10	22.11 0.39 -0.23	25.80 0.50 -0.23	26.61 0.49 -0.58	29.04 0.45 -0.45	30.11 0.53 -0.41	26.67 0.41 -0.58	26.64 0.43 -0.67	24.97 0.38 -0.83	23.50 0.42 -0.96	22.92 0.34 -1.05	23.29 0.44 -0.88	23.95 0.43 -1.07	24.77 0.51 -1.21	25.37 0.46 -0.87	25.67 0.53 -0.87	27.00 0.55 -0.41	23.88 0.53 -0.33	22.24 0.41 -0.33	22.02 0.37 -0.17
NEG MILLWOOD___DRP 24198	31.57 1.57 -8.51	28.21 1.42 -5.30	25.78 1.22 -4.52	24.84 1.13 -4.62	24.07 1.20 -1.43	26.01 1.25 -3.28	29.88 1.55 -3.26	35.38 1.79 -8.05	36.00 2.03 -5.82	36.62 2.16 -5.29	35.17 1.95 -7.54	36.19 1.94 -8.71	36.41 1.95 -10.70	36.19 1.68 -12.39	36.84 1.72 -13.59	36.03 1.80 -12.25	39.31 1.89 -14.97	41.89 1.94 -16.91	38.14 1.97 -12.12	38.38 1.99 -12.12	33.79 2.01 -5.74	29.20 1.54 -4.63	27.38 1.31 -4.56	25.00 1.18 -2.34

NEG NORTH_FLCN_SEA 23793	21.87 0.39 0.00	21.79 0.30 0.00	20.46 0.42 0.00	19.46 0.36 0.00	21.81 0.36 0.00	21.92 0.43 0.00	25.59 0.53 0.00	25.62 0.08 0.00	28.34 0.20 0.00	29.41 0.23 0.00	25.99 0.31 0.00	25.87 0.33 0.00	23.93 0.17 0.00	22.26 0.13 0.00	21.62 0.09 0.00	22.00 0.02 0.00	22.54 0.09 0.00	23.19 0.14 0.00	24.65 0.60 0.00	24.71 0.44 0.00	26.57 0.52 0.00	23.25 0.23 0.00	21.66 0.15 0.00	21.64 0.15 0.00
NEG NORTH_KES_CHATEGAY 23792	21.59 0.11 0.00	21.51 0.02 0.00	20.20 0.16 0.00	19.19 0.10 0.00	21.55 0.11 0.00	21.61 0.13 0.00	25.27 0.20 0.00	25.47 -0.08 0.00	28.17 0.03 0.00	29.23 0.06 0.00	25.81 0.13 0.00	25.69 0.15 0.00	23.76 0.00 0.00	22.12 0.00 0.00	21.49 -0.04 0.00	21.87 -0.11 0.00	22.41 -0.04 0.00	23.05 0.00 0.00	24.31 0.26 0.00	24.39 0.12 0.00	26.20 0.16 0.00	22.95 -0.07 0.00	21.40 -0.11 0.00	21.38 -0.11 0.00
NEG NORTH___ALICE_FALLS 23915	21.89 0.41 0.00	21.79 0.30 0.00	20.46 0.42 0.00	19.46 0.36 0.00	21.83 0.39 0.00	21.94 0.45 0.00	25.62 0.55 0.00	25.70 0.15 0.00	28.45 0.31 0.00	29.49 0.32 0.00	26.09 0.41 0.00	25.95 0.41 0.00	23.98 0.21 0.00	22.32 0.20 0.00	21.68 0.15 0.00	22.06 0.09 0.00	22.61 0.16 0.00	23.28 0.23 0.00	24.67 0.63 0.00	24.73 0.46 0.00	26.62 0.57 0.00	23.28 0.25 0.00	21.66 0.15 0.00	21.64 0.15 0.00
NEG NORTH___LWR_SARANAC 23913	21.89 0.41 0.00	21.79 0.30 0.00	20.46 0.42 0.00	19.46 0.36 0.00	21.83 0.39 0.00	21.94 0.45 0.00	25.62 0.55 0.00	25.70 0.15 0.00	28.45 0.31 0.00	29.49 0.32 0.00	26.09 0.41 0.00	25.95 0.41 0.00	23.98 0.21 0.00	22.32 0.20 0.00	21.68 0.15 0.00	22.06 0.09 0.00	22.61 0.16 0.00	23.28 0.23 0.00	24.67 0.63 0.00	24.73 0.46 0.00	26.62 0.57 0.00	23.28 0.25 0.00	21.66 0.15 0.00	21.64 0.15 0.00
NEG NORTH___PLATTSBURG 23628	21.89 0.41 0.00	21.81 0.32 0.00	20.46 0.42 0.00	19.45 0.36 0.00	21.85 0.41 0.00	21.96 0.47 0.00	25.62 0.55 0.00	25.70 0.15 0.00	28.45 0.31 0.00	29.50 0.32 0.00	26.09 0.41 0.00	25.94 0.41 0.00	23.98 0.21 0.00	22.32 0.20 0.00	21.68 0.15 0.00	22.06 0.09 0.00	22.61 0.16 0.00	23.28 0.23 0.00	24.67 0.62 0.00	24.73 0.46 0.00	26.62 0.57 0.00	23.28 0.25 0.00	21.66 0.15 0.00	21.66 0.17 0.00
NEG WEST_LEA_LOCKPORT 23791	22.03 -0.13 -0.67	21.80 -0.11 -0.42	20.18 -0.22 -0.36	19.25 -0.21 -0.37	21.28 -0.28 -0.11	21.70 -0.04 -0.26	25.22 -0.10 -0.26	25.65 -0.54 -0.64	27.85 -0.79 -0.50	28.69 -0.93 -0.45	25.53 -0.80 -0.64	25.44 -0.84 -0.74	24.03 -0.64 -0.91	22.82 -0.35 -1.05	22.32 -0.37 -1.16	22.69 -0.26 -0.98	23.17 -0.47 -1.19	23.94 -0.46 -1.35	24.41 -0.60 -0.97	24.70 -0.53 -0.97	26.03 -0.47 -0.46	23.28 -0.12 -0.37	21.63 -0.24 -0.36	21.69 0.02 -0.19
NEG WEST___LANCASTR 23811	21.39 -0.86 -0.76	21.13 -0.84 -0.48	19.51 -0.94 -0.41	18.63 -0.88 -0.42	20.56 -1.01 -0.13	21.03 -0.75 -0.29	24.46 -0.90 -0.29	25.09 -1.18 -0.72	27.24 -1.46 -0.56	28.08 -1.60 -0.51	24.99 -1.41 -0.72	24.95 -1.43 -0.84	23.56 -1.24 -1.03	22.39 -0.93 -1.19	21.95 -0.88 -1.31	22.27 -0.81 -1.10	22.86 -0.94 -1.35	23.63 -0.95 -1.52	23.99 -1.15 -1.09	24.24 -1.12 -1.09	25.44 -1.12 -0.52	22.75 -0.69 -0.42	21.12 -0.80 -0.41	21.01 -0.69 -0.21
NEG_PENN_ALLEGHNY 23528	23.00 0.15 -1.37	22.49 0.15 -0.86	20.85 0.08 -0.73	19.91 0.08 -0.75	21.76 0.09 -0.23	22.17 0.15 -0.53	25.87 0.28 -0.53	27.17 0.23 -1.40	29.36 0.20 -1.01	30.30 0.21 -0.92	27.15 0.16 -1.31	27.21 0.15 -1.52	25.77 0.14 -1.87	24.51 0.22 -2.16	24.09 0.19 -2.37	24.34 0.24 -2.12	25.32 0.27 -2.60	26.26 0.28 -2.93	26.37 0.22 -2.10	26.52 0.29 -1.96	27.26 0.29 -0.93	24.12 0.35 -0.75	22.46 0.22 -0.74	22.03 0.17 -0.38
NEG___GEN_MONROE 24207	22.17 0.11 -0.58	21.96 0.11 -0.36	20.39 0.04 -0.31	19.45 0.04 -0.32	21.52 -0.02 -0.10	21.86 0.15 -0.22	25.46 0.18 -0.22	25.99 -0.10 -0.55	28.35 -0.23 -0.43	29.27 -0.29 -0.39	26.03 -0.21 -0.55	25.89 -0.28 -0.64	24.38 -0.17 -0.78	23.03 0.00 -0.91	22.44 -0.09 -1.00	22.84 0.02 -0.84	23.39 -0.09 -1.03	24.14 -0.07 -1.16	24.76 -0.12 -0.83	25.10 0.00 -0.83	26.49 0.05 -0.39	23.55 0.21 -0.32	21.93 0.11 -0.31	21.93 0.28 -0.16
NEPA___ENERGY 23901	22.11 -0.15 -0.78	21.86 -0.11 -0.49	20.19 -0.26 -0.41	19.29 -0.23 -0.42	21.25 -0.32 -0.13	21.74 -0.04 -0.30	25.29 -0.08 -0.30	25.98 -0.31 -0.74	28.18 -0.53 -0.57	29.05 -0.64 -0.52	25.85 -0.57 -0.74	25.80 -0.59 -0.85	24.33 -0.48 -1.05	23.11 -0.22 -1.21	22.69 -0.17 -1.33	23.03 -0.07 -1.12	23.64 -0.18 -1.37	24.41 -0.18 -1.55	24.77 -0.38 -1.11	25.04 -0.34 -1.11	26.31 -0.26 -0.53	23.54 0.09 -0.42	21.86 -0.06 -0.42	21.74 0.04 -0.21
NEVERSINK___HYD 23608	29.18 0.88 -6.82	26.58 0.84 -4.25	24.43 0.76 -3.63	23.48 0.69 -3.70	23.38 0.79 -1.14	24.91 0.80 -2.63	28.66 0.98 -2.62	32.98 1.20 -6.23	33.97 1.30 -4.53	34.60 1.31 -4.11	32.65 1.10 -5.86	33.41 1.10 -6.78	33.17 1.07 -8.33	32.68 0.91 -9.65	33.06 0.95 -10.58	32.51 1.05 -9.48	35.19 1.14 -11.59	37.29 1.15 -13.09	34.64 1.20 -9.39	35.15 1.16 -9.72	31.82 1.17 -4.60	27.73 0.99 -3.72	26.00 0.84 -3.66	24.09 0.73 -1.87
NEWKRMKL_115KV_TB1 55635	32.71 0.60 -10.62	28.77 0.60 -6.69	26.30 0.56 -5.70	25.45 0.53 -5.82	23.90 0.66 -1.80	26.28 0.67 -4.13	30.00 0.83 -4.11	36.56 0.87 -10.15	36.35 0.84 -7.36	36.73 0.88 -6.68	36.05 0.85 -9.52	37.31 0.77 -11.01	38.21 0.74 -13.71	38.73 0.73 -15.87	39.59 0.65 -17.41	38.10 0.68 -15.44	41.97 0.65 -18.87	45.07 0.71 -21.31	40.07 0.75 -15.28	40.27 0.73 -15.27	34.08 0.81 -7.23	29.53 0.67 -5.84	27.77 0.52 -5.75	24.95 0.52 -2.94
NEWTON___FALLS_HYD 23847	21.19 -0.30 0.00	21.06 -0.43 0.00	19.66 -0.38 0.00	18.75 -0.34 0.00	21.21 -0.24 0.00	21.29 -0.19 0.00	24.89 -0.18 0.00	25.26 -0.28 0.00	27.84 -0.31 0.00	28.79 -0.38 0.00	25.37 -0.31 0.00	25.23 -0.31 0.00	23.38 -0.38 0.00	21.66 -0.46 0.00	21.01 -0.52 0.00	21.51 -0.46 0.00	22.02 -0.43 0.00	22.61 -0.44 0.00	23.66 -0.38 0.00	23.88 -0.39 0.00	25.63 -0.42 0.00	22.58 -0.44 0.00	21.06 -0.45 0.00	21.10 -0.39 0.00
NGRID_A1_DSASP 323792	21.65 -0.52 -0.68	21.38 -0.54 -0.43	19.82 -0.58 -0.36	18.91 -0.55 -0.37	20.87 -0.69 -0.12	21.15 -0.60 -0.26	24.73 -0.60 -0.26	25.16 -1.07 -0.69	27.27 -1.38 -0.50	28.08 -1.55 -0.45	24.99 -1.34 -0.65	24.91 -1.38 -0.75	23.57 -1.12 -0.92	22.42 -0.77 -1.07	21.91 -0.80 -1.17	22.30 -0.72 -1.05	22.79 -0.94 -1.28	23.58 -0.92 -1.45	23.98 -1.11 -1.04	24.20 -1.04 -0.98	25.47 -1.04 -0.46	22.78 -0.62 -0.37	21.23 -0.64 -0.37	21.24 -0.43 -0.19
NGRID_A2_DSASP 323793	21.65 -0.52 -0.68	21.38 -0.54 -0.43	19.82 -0.58 -0.36	18.91 -0.55 -0.37	20.87 -0.69 -0.12	21.15 -0.60 -0.26	24.73 -0.60 -0.26	25.16 -1.07 -0.69	27.27 -1.38 -0.50	28.08 -1.55 -0.45	24.99 -1.34 -0.65	24.91 -1.38 -0.75	23.57 -1.12 -0.92	22.42 -0.77 -1.07	21.91 -0.80 -1.17	22.30 -0.72 -1.05	22.79 -0.94 -1.28	23.58 -0.92 -1.45	23.98 -1.11 -1.04	24.20 -1.04 -0.98	25.47 -1.04 -0.46	22.78 -0.62 -0.37	21.23 -0.64 -0.37	21.24 -0.43 -0.19

NGRID_A4_DSASP 323807	21.65 -0.52 -0.68	21.44 -0.47 -0.43	19.82 -0.58 -0.36	18.93 -0.53 -0.37	20.89 -0.66 -0.12	21.30 -0.45 -0.26	24.73 -0.60 -0.26	25.12 -1.07 -0.65	27.27 -1.38 -0.50	28.05 -1.58 -0.46	25.00 -1.34 -0.65	24.91 -1.38 -0.75	23.57 -1.12 -0.92	22.39 -0.80 -1.07	21.90 -0.80 -1.17	22.24 -0.73 -0.99	22.72 -0.94 -1.21	23.49 -0.92 -1.36	23.92 -1.11 -0.98	24.20 -1.04 -0.98	25.47 -1.04 -0.46	22.77 -0.62 -0.37	21.21 -0.67 -0.37	21.31 -0.37 -0.19
NIAGARA_115E_LBMP 323715	21.78 -0.39 -0.69	21.51 -0.41 -0.43	19.92 -0.48 -0.37	19.03 -0.44 -0.37	21.00 -0.56 -0.12	21.28 -0.47 -0.26	24.90 -0.43 -0.26	25.34 -0.89 -0.69	27.47 -1.18 -0.50	28.29 -1.34 -0.46	25.15 -1.18 -0.65	25.09 -1.20 -0.75	23.71 -0.98 -0.93	22.58 -0.62 -1.07	22.04 -0.67 -1.17	22.46 -0.57 -1.05	22.95 -0.79 -1.29	23.70 -0.81 -1.45	24.15 -0.94 -1.04	24.38 -0.87 -0.98	25.65 -0.86 -0.46	22.94 -0.46 -0.37	21.36 -0.52 -0.37	21.37 -0.30 -0.19
NIAGARA_115W_LBMP 323714	21.59 -0.58 -0.68	21.31 -0.60 -0.43	19.76 -0.64 -0.36	18.87 -0.59 -0.37	20.83 -0.73 -0.11	21.08 -0.67 -0.26	24.65 -0.68 -0.26	25.09 -1.15 -0.69	27.18 -1.46 -0.50	28.00 -1.63 -0.45	24.92 -1.41 -0.65	24.86 -1.43 -0.75	23.50 -1.19 -0.92	22.37 -0.82 -1.07	21.84 -0.86 -1.17	22.25 -0.77 -1.05	22.75 -0.99 -1.28	23.51 -0.99 -1.45	23.93 -1.15 -1.04	24.13 -1.12 -0.98	25.39 -1.12 -0.46	22.71 -0.69 -0.37	21.17 -0.71 -0.37	21.20 -0.47 -0.19
NIAGARA_230_LBMP 323716	21.84 -0.32 -0.68	21.56 -0.34 -0.42	20.00 -0.40 -0.36	19.08 -0.38 -0.37	21.06 -0.49 -0.11	21.34 -0.41 -0.26	24.95 -0.38 -0.26	25.38 -0.84 -0.68	27.54 -1.10 -0.49	28.37 -1.25 -0.45	25.22 -1.10 -0.64	25.15 -1.12 -0.74	23.77 -0.90 -0.91	22.63 -0.55 -1.06	22.09 -0.60 -1.16	22.51 -0.50 -1.04	23.00 -0.72 -1.27	23.77 -0.71 -1.43	24.21 -0.86 -1.03	24.44 -0.80 -0.97	25.69 -0.81 -0.46	23.00 -0.39 -0.37	21.42 -0.45 -0.36	21.44 -0.24 -0.19
NIAGARA__115KV_198_GIBSON 55903	21.59 -0.58 -0.68	21.38 -0.54 -0.43	19.76 -0.64 -0.36	18.87 -0.59 -0.37	20.83 -0.73 -0.11	21.26 -0.49 -0.26	24.65 -0.68 -0.26	25.04 -1.15 -0.65	27.18 -1.46 -0.50	28.00 -1.63 -0.45	24.92 -1.41 -0.65	24.86 -1.43 -0.75	23.50 -1.19 -0.92	22.33 -0.86 -1.07	21.84 -0.86 -1.17	22.19 -0.77 -0.99	22.65 -1.01 -1.21	23.42 -0.99 -1.36	23.85 -1.18 -0.98	24.13 -1.12 -0.98	25.39 -1.12 -0.46	22.73 -0.67 -0.37	21.16 -0.71 -0.37	21.24 -0.43 -0.19
NIAGARA____ 23760	21.85 -0.32 -0.68	21.57 -0.34 -0.43	20.00 -0.40 -0.36	19.08 -0.38 -0.37	21.07 -0.49 -0.11	21.34 -0.41 -0.26	24.95 -0.38 -0.26	25.39 -0.84 -0.69	27.54 -1.10 -0.50	28.37 -1.25 -0.45	25.22 -1.10 -0.64	25.16 -1.12 -0.75	23.78 -0.90 -0.92	22.64 -0.55 -1.06	22.09 -0.60 -1.17	22.52 -0.50 -1.05	23.01 -0.72 -1.28	23.78 -0.71 -1.44	24.22 -0.86 -1.03	24.44 -0.80 -0.97	25.70 -0.81 -0.46	23.00 -0.39 -0.37	21.42 -0.45 -0.37	21.44 -0.24 -0.19
NINE_MILE_1 23575	21.30 -0.52 -0.33	21.15 -0.54 -0.21	19.69 -0.52 -0.17	18.77 -0.50 -0.18	20.96 -0.54 -0.06	21.10 -0.52 -0.13	24.62 -0.58 -0.13	25.26 -0.61 -0.33	27.68 -0.70 -0.24	28.66 -0.73 -0.22	25.35 -0.64 -0.31	25.26 -0.64 -0.36	23.61 -0.59 -0.44	22.13 -0.51 -0.51	21.55 -0.54 -0.56	21.95 -0.53 -0.50	22.53 -0.54 -0.61	23.19 -0.55 -0.69	23.94 -0.60 -0.50	24.16 -0.58 -0.47	25.64 -0.63 -0.22	22.69 -0.51 -0.18	21.21 -0.47 -0.18	21.10 -0.47 -0.09
NINE_MILE_2 23744	21.30 -0.52 -0.33	21.15 -0.54 -0.20	19.69 -0.52 -0.17	18.77 -0.50 -0.18	20.96 -0.54 -0.05	21.10 -0.52 -0.13	24.62 -0.58 -0.13	25.26 -0.61 -0.33	27.68 -0.70 -0.24	28.66 -0.73 -0.22	25.35 -0.64 -0.31	25.26 -0.64 -0.36	23.61 -0.59 -0.44	22.13 -0.51 -0.51	21.55 -0.54 -0.56	21.97 -0.50 -0.50	22.52 -0.54 -0.61	23.19 -0.55 -0.69	23.94 -0.60 -0.50	24.15 -0.58 -0.47	25.64 -0.63 -0.22	22.69 -0.51 -0.18	21.21 -0.47 -0.18	21.10 -0.47 -0.09
NM_CAPITAL____DRP 24208	32.72 0.64 -10.59	28.82 0.67 -6.67	26.32 0.60 -5.68	25.49 0.59 -5.81	23.94 0.71 -1.79	26.31 0.71 -4.12	30.04 0.88 -4.10	36.58 0.92 -10.12	36.38 0.90 -7.34	36.77 0.93 -6.66	36.05 0.87 -9.49	37.33 0.82 -10.98	38.25 0.78 -13.70	38.77 0.77 -15.87	39.65 0.71 -17.40	38.13 0.75 -15.40	41.99 0.72 -18.83	45.09 0.78 -21.25	40.11 0.82 -15.24	40.31 0.80 -15.23	34.14 0.89 -7.21	29.59 0.74 -5.83	27.80 0.56 -5.73	25.00 0.58 -2.94
NM_CENTRAL____DRP 24181	21.80 -0.13 -0.44	21.63 -0.13 -0.28	20.09 -0.18 -0.23	19.18 -0.15 -0.24	21.37 -0.15 -0.07	21.57 -0.09 -0.17	25.16 -0.08 -0.17	25.86 -0.10 -0.42	28.33 -0.14 -0.32	29.32 -0.15 -0.29	25.97 -0.13 -0.42	25.92 -0.10 -0.48	24.26 -0.10 -0.59	22.77 -0.04 -0.69	22.17 -0.11 -0.75	22.54 -0.07 -0.64	23.16 -0.07 -0.78	23.86 -0.07 -0.88	24.56 -0.12 -0.63	24.83 -0.07 -0.63	26.24 -0.10 -0.30	23.24 -0.02 -0.24	21.68 -0.06 -0.24	21.54 -0.06 -0.12
NM_FRONTIER____DRP 24179	21.59 -0.58 -0.68	21.38 -0.54 -0.43	19.76 -0.64 -0.36	18.87 -0.59 -0.37	20.83 -0.73 -0.11	21.26 -0.49 -0.26	24.65 -0.68 -0.26	25.04 -1.15 -0.65	27.18 -1.46 -0.50	28.00 -1.63 -0.45	24.92 -1.41 -0.65	24.86 -1.43 -0.75	23.50 -1.19 -0.92	22.33 -0.86 -1.07	21.84 -0.86 -1.17	22.19 -0.77 -0.99	22.65 -1.01 -1.21	23.42 -0.99 -1.36	23.85 -1.18 -0.98	24.13 -1.12 -0.98	25.39 -1.12 -0.46	22.73 -0.67 -0.37	21.16 -0.71 -0.37	21.24 -0.43 -0.19
NM_ST_REGIS____HYD 24053	21.06 -0.43 0.00	20.97 -0.52 0.00	19.68 -0.36 0.00	18.73 -0.36 0.00	21.12 -0.32 0.00	21.12 -0.37 0.00	24.61 -0.45 0.00	24.98 -0.56 0.00	27.61 -0.53 0.00	28.62 -0.55 0.00	25.25 -0.44 0.00	25.10 -0.43 0.00	23.24 -0.52 0.00	21.59 -0.53 0.00	20.97 -0.56 0.00	21.38 -0.59 0.00	21.89 -0.56 0.00	22.50 -0.55 0.00	23.62 -0.43 0.00	23.76 -0.51 0.00	25.55 -0.49 0.00	22.45 -0.58 0.00	20.93 -0.58 0.00	20.93 -0.56 0.00
NORTHPORT____1 23551	34.69 1.89 -11.31	29.61 1.89 -6.24	30.23 1.72 -8.47	27.48 1.60 -6.78	24.60 1.74 -1.42	26.44 1.74 -3.22	31.68 2.11 -4.51	35.66 2.25 -7.87	36.22 2.36 -5.71	36.75 2.39 -5.19	35.26 2.06 -7.52	36.36 2.15 -8.67	36.51 2.09 -10.65	38.03 1.88 -14.03	36.79 1.90 -13.36	35.91 1.74 -12.20	39.01 1.91 -14.65	41.57 1.98 -16.53	37.82 1.92 -11.85	38.21 2.04 -11.90	35.82 1.93 -7.84	32.22 1.61 -7.58	30.71 1.68 -7.52	28.08 1.83 -4.77
NORTHPORT____2 23552	34.69 1.89 -11.31	29.61 1.89 -6.24	30.23 1.72 -8.47	27.48 1.60 -6.78	24.60 1.74 -1.42	26.44 1.74 -3.22	31.68 2.11 -4.51	35.66 2.25 -7.87	36.22 2.36 -5.71	36.75 2.39 -5.19	35.26 2.06 -7.52	36.36 2.15 -8.67	36.51 2.09 -10.65	38.03 1.88 -14.03	36.79 1.90 -13.36	35.91 1.74 -12.20	39.01 1.91 -14.65	41.57 1.98 -16.53	37.82 1.92 -11.85	38.21 2.04 -11.90	35.82 1.93 -7.84	32.22 1.61 -7.58	30.71 1.68 -7.52	28.08 1.83 -4.77
NORTHPORT____3 23553	34.41 1.61 -11.31	29.35 1.63 -6.24	29.97 1.46 -8.47	27.23 1.36 -6.78	24.25 1.39 -1.42	26.16 1.46 -3.22	31.35 1.78 -4.51	35.30 1.89 -7.86	35.85 2.00 -5.71	36.95 2.60 -5.18	35.30 2.11 -7.51	36.14 1.94 -8.67	36.19 1.78 -10.64	37.71 1.57 -14.02	36.48 1.59 -13.35	36.21 2.04 -12.19	39.03 1.93 -14.64	41.40 1.82 -16.52	37.96 2.07 -11.84	37.86 1.70 -11.89	35.96 2.08 -7.83	32.44 1.80 -7.62	30.74 1.72 -7.52	27.78 1.53 -4.77

NORTHPORT___4 23650	34.41 1.61 -11.31	29.35 1.63 -6.24	29.97 1.46 -8.47	27.23 1.36 -6.78	24.25 1.39 -1.42	26.16 1.46 -3.22	31.35 1.78 -4.51	35.30 1.89 -7.86	35.85 2.00 -5.71	36.95 2.60 -5.18	35.30 2.11 -7.51	36.14 1.94 -8.67	36.19 1.78 -10.64	37.71 1.57 -14.02	36.48 1.59 -13.35	36.21 2.04 -12.19	39.03 1.93 -14.64	41.40 1.82 -16.52	37.96 2.07 -11.84	37.86 1.70 -11.89	35.96 2.08 -7.83	32.44 1.80 -7.62	30.74 1.72 -7.52	27.78 1.53 -4.77
NORTHPORT___IC 23718	34.69 1.89 -11.31	29.61 1.89 -6.24	30.23 1.72 -8.47	27.48 1.60 -6.78	24.60 1.74 -1.42	26.44 1.74 -3.22	31.68 2.11 -4.51	35.66 2.25 -7.87	36.22 2.36 -5.71	36.75 2.39 -5.19	35.26 2.06 -7.52	36.36 2.15 -8.67	36.51 2.09 -10.65	38.03 1.88 -14.03	36.79 1.90 -13.36	35.91 1.74 -12.20	39.01 1.91 -14.65	41.57 1.98 -16.53	37.82 1.92 -11.85	38.21 2.04 -11.90	35.82 1.93 -7.84	32.22 1.61 -7.58	30.71 1.68 -7.52	28.08 1.83 -4.77
NORTH___COUNTRY_ESR 323785	21.53 0.04 0.00	21.46 -0.02 0.00	20.14 0.10 0.00	19.15 0.06 0.00	21.51 0.06 0.00	21.59 0.11 0.00	25.17 0.10 0.00	25.39 -0.15 0.00	28.09 -0.06 0.00	29.14 -0.03 0.00	25.76 0.08 0.00	25.61 0.08 0.00	23.72 -0.05 0.00	22.08 -0.04 0.00	21.44 -0.09 0.00	21.82 -0.15 0.00	22.34 -0.11 0.00	22.96 -0.09 0.00	24.24 0.19 0.00	24.32 0.05 0.00	26.10 0.05 0.00	22.88 -0.14 0.00	21.33 -0.17 0.00	21.34 -0.15 0.00
NPX_GEN_1385_PROXY 323591	34.22 1.42 -11.31	29.27 1.55 -6.24	29.79 1.28 -8.47	27.17 1.30 -6.78	24.75 1.89 -1.42	26.16 1.46 -3.22	31.20 1.63 -4.51	35.05 1.64 -7.87	35.52 1.66 -5.71	36.02 1.66 -5.19	34.72 1.51 -7.52	35.85 1.64 -8.67	36.03 1.62 -10.65	37.68 1.53 -14.03	36.44 1.55 -13.36	35.67 1.50 -12.20	38.65 1.55 -14.65	41.17 1.59 -16.53	37.41 1.52 -11.85	37.79 1.63 -11.90	35.24 1.35 -7.84	31.71 1.11 -7.58	30.30 1.27 -7.52	27.69 1.44 -4.77
NPX_GEN_CSC 323557	35.26 2.45 -11.32	30.13 2.41 -6.24	30.73 2.22 -8.47	27.89 2.02 -6.78	25.00 2.14 -1.42	26.92 2.21 -3.22	32.30 2.73 -4.51	36.38 2.96 -7.88	37.02 3.15 -5.72	37.80 3.38 -5.24	36.16 2.90 -7.57	37.13 2.91 -8.68	37.20 2.78 -10.66	38.68 2.52 -14.03	37.44 2.54 -13.37	36.84 2.59 -12.28	39.87 2.72 -14.71	42.43 2.79 -16.59	38.79 2.84 -11.90	38.99 2.81 -11.91	36.86 2.92 -7.90	35.00 2.49 -9.49	31.48 2.37 -7.60	28.60 2.34 -4.77
NSINS_S_GLNS_FALLS 23858	33.72 1.46 -10.77	29.69 1.42 -6.78	27.14 1.32 -5.78	26.30 1.30 -5.91	24.83 1.57 -1.82	27.27 1.59 -4.19	31.14 1.90 -4.17	37.78 1.94 -10.29	37.58 1.97 -7.47	37.96 2.01 -6.78	37.22 1.87 -9.66	38.52 1.81 -11.17	39.07 1.45 -13.85	39.58 1.42 -16.04	40.31 1.18 -17.59	38.72 1.08 -15.67	42.65 1.06 -19.15	45.87 1.20 -21.62	40.80 1.25 -15.50	41.05 1.29 -15.50	34.84 1.46 -7.33	30.26 1.31 -5.93	28.44 1.10 -5.83	25.66 1.18 -2.99
NUCOR_STEEL___DRP 24197	22.29 0.21 -0.59	22.07 0.21 -0.37	20.49 0.14 -0.31	19.56 0.15 -0.32	21.73 0.19 -0.10	21.97 0.26 -0.23	25.62 0.33 -0.23	26.41 0.31 -0.56	28.86 0.28 -0.43	29.89 0.32 -0.39	26.47 0.23 -0.56	26.44 0.26 -0.65	24.77 0.21 -0.80	23.31 0.27 -0.92	22.74 0.19 -1.01	23.11 0.29 -0.85	23.78 0.29 -1.03	24.56 0.35 -1.17	25.17 0.29 -0.84	25.47 0.36 -0.84	26.83 0.39 -0.40	23.73 0.39 -0.32	22.12 0.30 -0.32	21.91 0.26 -0.16
NUMBER_THREE_WT_PWR 323818	21.74 0.09 -0.17	21.46 -0.13 -0.11	19.99 -0.14 -0.09	19.09 -0.09 -0.09	21.64 0.17 -0.03	21.79 0.24 -0.07	25.51 0.38 -0.07	26.02 0.31 -0.17	28.55 0.28 -0.13	29.52 0.23 -0.11	26.00 0.16 -0.16	25.88 0.15 -0.19	24.07 0.07 -0.23	22.24 -0.15 -0.27	21.59 -0.24 -0.29	22.11 -0.13 -0.26	22.70 -0.07 -0.32	23.30 -0.11 -0.36	24.24 -0.07 -0.26	24.46 -0.05 -0.24	26.08 -0.08 -0.12	23.02 -0.09 -0.09	21.47 -0.13 -0.09	21.55 0.02 -0.05
NYISO_LBMP_REFERENCE 24008	21.49 0.00 0.00	21.49 0.00 0.00	20.04 0.00 0.00	19.09 0.00 0.00	21.44 0.00 0.00	21.49 0.00 0.00	25.06 0.00 0.00	25.54 0.00 0.00	28.14 0.00 0.00	29.17 0.00 0.00	25.68 0.00 0.00	25.54 0.00 0.00	23.76 0.00 0.00	22.12 0.00 0.00	21.53 0.00 0.00	21.98 0.00 0.00	22.45 0.00 0.00	23.05 0.00 0.00	24.05 0.00 0.00	24.27 0.00 0.00	26.04 0.00 0.00	23.02 0.00 0.00	21.51 0.00 0.00	21.49 0.00 0.00
NYPA_BRENTWD___GT 24164	35.04 2.23 -11.32	29.94 2.21 -6.24	30.53 2.02 -8.47	27.74 1.87 -6.78	24.85 1.99 -1.42	26.72 2.02 -3.22	32.03 2.46 -4.51	36.09 2.68 -7.87	36.73 2.87 -5.71	37.43 3.06 -5.20	35.86 2.65 -7.53	36.89 2.68 -8.67	36.98 2.57 -10.65	38.47 2.32 -14.03	37.22 2.33 -13.36	36.47 2.29 -12.21	39.54 2.43 -14.66	42.08 2.49 -16.54	38.41 2.50 -11.86	38.72 2.55 -11.90	36.48 2.58 -7.85	35.06 2.19 -9.85	31.16 2.11 -7.54	28.38 2.13 -4.77
NYPA_GOWANUS___GT5 24156	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.83 0.99 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.04 1.64 -7.86	35.88 2.03 -5.71	36.48 2.13 -5.18	35.07 2.00 -7.38	36.12 2.04 -8.54	36.23 1.95 -10.52	35.91 1.61 -12.18	36.52 1.64 -13.36	35.61 1.67 -11.97	38.83 1.75 -14.63	41.29 1.73 -16.51	37.70 1.80 -11.84	37.93 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
NYPA_GOWANUS___GT6 24157	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.83 0.99 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.04 1.64 -7.86	35.88 2.03 -5.71	36.48 2.13 -5.18	35.07 2.00 -7.38	36.12 2.04 -8.54	36.23 1.95 -10.52	35.91 1.61 -12.18	36.52 1.64 -13.36	35.61 1.67 -11.97	38.83 1.75 -14.63	41.29 1.73 -16.51	37.70 1.80 -11.84	37.93 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
NYPA_HARLEM__RVR_GT1 24160	31.27 1.42 -8.36	28.03 1.33 -5.21	25.62 1.14 -4.44	24.64 1.01 -4.53	23.72 0.88 -1.40	25.56 0.86 -3.22	29.37 1.10 -3.20	34.85 1.46 -7.85	35.67 1.83 -5.70	36.27 1.93 -5.17	34.86 1.80 -7.38	35.94 1.86 -8.54	36.04 1.76 -10.52	35.76 1.46 -12.18	36.32 1.44 -13.35	35.41 1.47 -11.97	38.60 1.53 -14.62	40.96 1.41 -16.51	37.45 1.56 -11.83	37.66 1.51 -11.89	33.23 1.56 -5.62	28.84 1.27 -4.55	27.08 1.10 -4.48	24.79 1.01 -2.29
NYPA_HARLEM__RVR_GT2 24161	31.27 1.42 -8.36	28.03 1.33 -5.21	25.62 1.14 -4.44	24.64 1.01 -4.53	23.72 0.88 -1.40	25.56 0.86 -3.22	29.37 1.10 -3.20	34.85 1.46 -7.85	35.67 1.83 -5.70	36.27 1.93 -5.17	34.86 1.80 -7.38	35.94 1.86 -8.54	36.04 1.76 -10.52	35.76 1.46 -12.18	36.32 1.44 -13.35	35.41 1.47 -11.97	38.60 1.53 -14.62	40.96 1.41 -16.51	37.45 1.56 -11.83	37.66 1.51 -11.89	33.23 1.56 -5.62	28.84 1.27 -4.55	27.08 1.10 -4.48	24.79 1.01 -2.29
NYPA_KENT___GT 24152	31.27 1.42 -8.36	28.05 1.35 -5.21	25.64 1.16 -4.44	24.66 1.03 -4.53	23.83 0.99 -1.40	25.71 1.01 -3.22	29.52 1.25 -3.20	35.04 1.64 -7.86	35.88 2.03 -5.71	36.48 2.13 -5.18	35.04 1.98 -7.38	36.09 2.02 -8.54	36.20 1.92 -10.52	35.91 1.61 -12.18	36.50 1.62 -13.36	35.59 1.65 -11.97	38.81 1.73 -14.63	41.25 1.68 -16.51	37.67 1.78 -11.84	37.89 1.72 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.87 1.10 -2.29

NYPA_POUCH1____GT 24155	31.21 1.35 -8.37	27.99 1.29 -5.21	25.58 1.10 -4.44	24.60 0.97 -4.54	23.75 0.90 -1.40	25.61 0.90 -3.22	29.40 1.13 -3.20	34.97 1.56 -7.87	35.98 1.94 -5.90	36.85 2.04 -5.63	35.01 1.93 -7.40	36.43 1.97 -8.93	36.16 1.88 -10.52	35.88 1.57 -12.18	36.59 1.57 -13.49	35.55 1.60 -11.97	38.79 1.71 -14.63	41.23 1.66 -16.52	38.13 1.75 -12.33	38.10 1.72 -12.10	33.37 1.69 -5.63	28.93 1.36 -4.55	27.11 1.12 -4.48	24.79 1.01 -2.30
NYPA_VERNON____GT2 24162	31.24 1.40 -8.36	28.03 1.33 -5.21	25.64 1.16 -4.44	24.66 1.03 -4.53	23.85 1.01 -1.40	25.71 1.01 -3.22	29.54 1.28 -3.20	35.07 1.66 -7.86	35.85 2.00 -5.71	36.46 2.10 -5.18	35.02 1.95 -7.38	36.07 1.99 -8.54	36.18 1.90 -10.52	35.89 1.59 -12.18	36.48 1.59 -13.36	35.57 1.63 -11.97	38.76 1.68 -14.63	41.20 1.64 -16.51	37.62 1.73 -11.84	37.86 1.70 -11.89	33.42 1.75 -5.63	29.00 1.43 -4.55	27.19 1.20 -4.48	24.87 1.10 -2.29
NYPA_VERNON____GT3 24163	31.24 1.40 -8.36	28.03 1.33 -5.21	25.64 1.16 -4.44	24.66 1.03 -4.53	23.85 1.01 -1.40	25.71 1.01 -3.22	29.54 1.28 -3.20	35.07 1.66 -7.86	35.85 2.00 -5.71	36.46 2.10 -5.18	35.02 1.95 -7.38	36.07 1.99 -8.54	36.18 1.90 -10.52	35.89 1.59 -12.18	36.48 1.59 -13.36	35.57 1.63 -11.97	38.76 1.68 -14.63	41.20 1.64 -16.51	37.62 1.73 -11.84	37.86 1.70 -11.89	33.42 1.75 -5.63	29.00 1.43 -4.55	27.19 1.20 -4.48	24.87 1.10 -2.29
NYPA____ASTORIA_CC1 323568	31.23 1.38 -8.36	28.00 1.31 -5.21	25.62 1.14 -4.44	24.64 1.01 -4.53	23.81 0.97 -1.40	25.67 0.97 -3.22	29.49 1.23 -3.20	34.99 1.58 -7.86	35.79 1.94 -5.71	36.40 2.04 -5.18	34.97 1.90 -7.38	36.02 1.94 -8.54	36.13 1.85 -10.52	35.85 1.55 -12.18	36.44 1.55 -13.36	35.53 1.58 -11.97	38.72 1.64 -14.63	41.13 1.57 -16.51	37.57 1.68 -11.84	37.79 1.63 -11.89	33.37 1.69 -5.63	28.95 1.38 -4.55	27.15 1.16 -4.48	24.85 1.07 -2.29
NYPA____ASTORIA_CC2 323569	31.23 1.38 -8.36	28.00 1.31 -5.21	25.62 1.14 -4.44	24.64 1.01 -4.53	23.81 0.97 -1.40	25.67 0.97 -3.22	29.49 1.23 -3.20	34.99 1.58 -7.86	35.79 1.94 -5.71	36.40 2.04 -5.18	34.97 1.90 -7.38	36.02 1.94 -8.54	36.13 1.85 -10.52	35.85 1.55 -12.18	36.44 1.55 -13.36	35.53 1.58 -11.97	38.72 1.64 -14.63	41.13 1.57 -16.51	37.57 1.68 -11.84	37.79 1.63 -11.89	33.37 1.69 -5.63	28.95 1.38 -4.55	27.15 1.16 -4.48	24.85 1.07 -2.29
NYPA____HOLTSVILL 23794	34.98 2.17 -11.32	29.85 2.13 -6.24	30.47 1.97 -8.47	27.67 1.79 -6.78	24.75 1.89 -1.42	26.64 1.93 -3.22	31.95 2.38 -4.51	36.03 2.61 -7.88	36.65 2.79 -5.72	37.39 2.98 -5.24	35.80 2.54 -7.57	36.77 2.55 -8.68	36.87 2.45 -10.66	38.37 2.21 -14.03	37.12 2.22 -13.37	36.47 2.22 -12.27	39.49 2.33 -14.71	42.01 2.37 -16.59	38.38 2.43 -11.90	38.58 2.40 -11.91	36.42 2.48 -7.90	34.63 2.14 -9.46	31.20 2.09 -7.60	28.34 2.08 -4.77
NYPA____HELLGATE_GT1 24158	31.27 1.42 -8.36	28.03 1.33 -5.21	25.62 1.14 -4.44	24.64 1.01 -4.53	23.72 0.88 -1.40	25.56 0.86 -3.22	29.37 1.10 -3.20	34.85 1.46 -7.85	35.67 1.83 -5.70	36.27 1.93 -5.17	34.86 1.80 -7.38	35.94 1.86 -8.54	36.04 1.76 -10.52	35.76 1.46 -12.18	36.32 1.44 -13.35	35.41 1.47 -11.97	38.60 1.53 -14.62	40.96 1.41 -16.51	37.45 1.56 -11.83	37.66 1.51 -11.89	33.23 1.56 -5.62	28.84 1.27 -4.55	27.08 1.10 -4.48	24.79 1.01 -2.29
NYPA____HELLGATE_GT2 24159	31.27 1.42 -8.36	28.03 1.33 -5.21	25.62 1.14 -4.44	24.64 1.01 -4.53	23.72 0.88 -1.40	25.56 0.86 -3.22	29.37 1.10 -3.20	34.85 1.46 -7.85	35.67 1.83 -5.70	36.27 1.93 -5.17	34.86 1.80 -7.38	35.94 1.86 -8.54	36.04 1.76 -10.52	35.76 1.46 -12.18	36.32 1.44 -13.35	35.41 1.47 -11.97	38.60 1.53 -14.62	40.96 1.41 -16.51	37.45 1.56 -11.83	37.66 1.51 -11.89	33.23 1.56 -5.62	28.84 1.27 -4.55	27.08 1.10 -4.48	24.79 1.01 -2.29
NYS_BARGE____HYD 23848	22.05 -0.11 -0.67	21.76 -0.15 -0.42	20.18 -0.22 -0.36	19.27 -0.19 -0.37	21.28 -0.28 -0.11	21.55 -0.19 -0.26	25.25 -0.07 -0.26	25.71 -0.51 -0.68	27.88 -0.76 -0.49	28.72 -0.90 -0.45	25.55 -0.77 -0.64	25.45 -0.82 -0.74	24.05 -0.62 -0.91	22.88 -0.29 -1.05	22.33 -0.35 -1.15	22.74 -0.26 -1.03	23.24 -0.47 -1.26	24.03 -0.44 -1.42	24.49 -0.58 -1.02	24.72 -0.51 -0.96	26.06 -0.44 -0.45	23.27 -0.11 -0.37	21.65 -0.22 -0.36	21.65 -0.02 -0.18
OAK ORCHARD____HYD 24046	22.21 0.15 -0.58	21.98 0.13 -0.36	20.45 0.10 -0.31	19.48 0.08 -0.31	21.58 0.04 -0.10	21.84 0.13 -0.22	25.59 0.30 -0.22	26.18 0.05 -0.58	28.54 -0.03 -0.42	29.47 -0.09 -0.38	26.18 -0.05 -0.55	26.09 -0.08 -0.63	24.57 0.02 -0.78	23.18 0.16 -0.90	22.56 0.04 -0.99	22.99 0.13 -0.89	23.56 0.02 -1.08	24.32 0.05 -1.22	24.92 0.00 -0.88	25.17 0.07 -0.82	26.59 0.16 -0.39	23.66 0.32 -0.32	22.01 0.19 -0.31	21.90 0.26 -0.16
OAKDALE__35_KV_LOAD 356122	22.91 0.06 -1.36	22.40 0.06 -0.85	20.77 0.00 -0.73	19.84 0.00 -0.74	21.69 0.02 -0.23	22.12 0.11 -0.53	25.74 0.15 -0.52	26.97 0.13 -1.30	29.25 0.08 -1.02	30.16 0.06 -0.93	27.03 0.03 -1.32	27.09 0.03 -1.53	25.68 0.05 -1.87	24.40 0.11 -2.17	24.00 0.09 -2.38	24.10 0.15 -1.97	25.02 0.16 -2.41	25.93 0.16 -2.72	26.12 0.12 -1.95	26.39 0.17 -1.95	27.15 0.18 -0.92	24.00 0.23 -0.75	22.37 0.13 -0.73	21.97 0.11 -0.38
OCC_CHEM____DRP 24175	21.65 -0.52 -0.68	21.44 -0.47 -0.43	19.82 -0.58 -0.36	18.93 -0.53 -0.37	20.89 -0.66 -0.12	21.30 -0.45 -0.26	24.73 -0.60 -0.26	25.12 -1.07 -0.65	27.27 -1.38 -0.50	28.05 -1.58 -0.46	25.00 -1.34 -0.65	24.91 -1.38 -0.75	23.57 -1.12 -0.92	22.39 -0.80 -1.07	21.90 -0.80 -1.17	22.24 -0.73 -0.99	22.72 -0.94 -1.21	23.49 -0.92 -1.36	23.92 -1.11 -0.98	24.20 -1.04 -0.98	25.47 -1.04 -0.46	22.77 -0.62 -0.37	21.21 -0.67 -0.37	21.31 -0.37 -0.19
OH_GEN_PROXY 24063	21.82 -0.34 -0.68	21.57 -0.34 -0.42	19.98 -0.42 -0.36	19.08 -0.38 -0.37	21.06 -0.49 -0.11	21.34 -0.41 -0.26	24.95 -0.38 -0.26	25.44 -0.79 -0.68	27.60 -1.04 -0.50	28.40 -1.22 -0.45	25.27 -1.05 -0.64	25.21 -1.07 -0.74	23.82 -0.85 -0.91	22.65 -0.53 -1.06	22.13 -0.56 -1.16	22.53 -0.48 -1.04	23.05 -0.67 -1.27	23.82 -0.67 -1.43	24.23 -0.84 -1.03	24.46 -0.78 -0.97	25.75 -0.76 -0.46	23.02 -0.37 -0.37	21.44 -0.43 -0.36	21.44 -0.24 -0.19
OLIN_CORP_DRP 24177	21.81 -0.37 -0.69	21.60 -0.32 -0.43	19.97 -0.44 -0.37	19.07 -0.40 -0.38	21.04 -0.51 -0.12	21.47 -0.28 -0.27	24.93 -0.40 -0.27	25.33 -0.87 -0.65	27.52 -1.13 -0.51	28.32 -1.31 -0.46	25.21 -1.13 -0.65	25.12 -1.17 -0.76	23.77 -0.93 -0.93	22.58 -0.62 -1.08	22.09 -0.62 -1.18	22.42 -0.55 -1.00	22.91 -0.76 -1.22	23.67 -0.76 -1.37	24.14 -0.89 -0.99	24.43 -0.83 -0.99	25.70 -0.81 -0.47	22.98 -0.41 -0.38	21.38 -0.49 -0.37	21.46 -0.21 -0.19
OLIN_CORP_DSASP 323712	21.65 -0.52 -0.68	21.38 -0.54 -0.43	19.82 -0.58 -0.36	18.91 -0.55 -0.37	20.87 -0.69 -0.12	21.15 -0.60 -0.26	24.73 -0.60 -0.26	25.16 -1.07 -0.69	27.27 -1.38 -0.50	28.08 -1.55 -0.45	24.99 -1.34 -0.65	24.91 -1.38 -0.75	23.57 -1.12 -0.92	22.42 -0.77 -1.07	21.91 -0.80 -1.17	22.30 -0.72 -1.05	22.79 -0.94 -1.28	23.58 -0.92 -1.45	23.98 -1.11 -1.04	24.20 -1.04 -0.98	25.47 -1.04 -0.46	22.78 -0.62 -0.37	21.23 -0.64 -0.37	21.24 -0.43 -0.19

ONEIDA_HERK_LFGE 323681	21.76 0.28 0.00	21.66 0.17 0.00	20.18 0.14 0.00	19.24 0.15 0.00	21.81 0.36 0.00	21.87 0.39 0.00	25.62 0.55 0.00	26.06 0.51 0.00	28.68 0.53 0.00	29.67 0.50 0.00	26.09 0.41 0.00	25.94 0.41 0.00	24.10 0.33 0.00	22.32 0.20 0.00	21.66 0.13 0.00	22.19 0.22 0.00	22.72 0.27 0.00	23.28 0.23 0.00	24.34 0.29 0.00	24.56 0.29 0.00	26.33 0.29 0.00	23.25 0.23 0.00	21.66 0.15 0.00	21.70 0.21 0.00
ONEIDA___115KV_TB4 55905	22.15 0.43 -0.23	22.04 0.41 -0.15	20.50 0.34 -0.12	19.56 0.34 -0.13	22.02 0.54 -0.04	22.13 0.56 -0.09	25.88 0.73 -0.09	26.46 0.69 -0.22	29.05 0.73 -0.17	30.03 0.70 -0.15	26.49 0.59 -0.22	26.38 0.59 -0.26	24.58 0.50 -0.31	22.93 0.44 -0.36	22.29 0.37 -0.40	22.79 0.48 -0.34	23.40 0.54 -0.41	24.00 0.48 -0.46	24.89 0.51 -0.33	25.16 0.56 -0.33	26.75 0.55 -0.16	23.61 0.46 -0.13	22.00 0.37 -0.12	21.94 0.39 -0.06
ONONDAGA_REF_OCCRA 23987	21.96 -0.06 -0.54	21.76 -0.06 -0.34	20.21 -0.12 -0.29	19.29 -0.10 -0.30	21.45 -0.09 -0.09	21.67 -0.02 -0.21	25.27 0.00 -0.21	26.06 0.00 -0.51	28.49 -0.06 -0.40	29.51 -0.03 -0.36	26.15 -0.05 -0.52	26.11 -0.03 -0.60	24.47 -0.02 -0.73	22.99 0.02 -0.85	22.44 -0.02 -0.93	22.78 0.02 -0.78	23.41 0.00 -0.96	24.18 0.05 -1.08	24.82 0.00 -0.77	25.07 0.02 -0.77	26.44 0.03 -0.37	23.39 0.07 -0.30	21.82 0.02 -0.29	21.64 0.00 -0.15
ONONDAGA___COGEN 23986	22.05 0.06 -0.50	21.84 0.04 -0.31	20.31 0.00 -0.27	19.36 0.00 -0.27	21.57 0.04 -0.08	21.76 0.09 -0.19	25.41 0.15 -0.19	26.14 0.13 -0.47	28.59 0.08 -0.37	29.62 0.12 -0.33	26.26 0.10 -0.47	26.21 0.13 -0.55	24.53 0.10 -0.67	23.06 0.15 -0.78	22.47 0.09 -0.85	22.83 0.13 -0.72	23.44 0.11 -0.88	24.20 0.16 -0.99	24.86 0.10 -0.71	25.15 0.17 -0.71	26.54 0.16 -0.34	23.48 0.18 -0.27	21.88 0.11 -0.27	21.71 0.09 -0.14
ONTARIO___LFGE 23819	22.33 0.17 -0.67	22.06 0.15 -0.42	20.48 0.08 -0.36	19.55 0.10 -0.36	21.71 0.15 -0.11	21.96 0.21 -0.26	25.75 0.43 -0.26	26.58 0.36 -0.68	28.89 0.25 -0.49	29.85 0.23 -0.45	26.50 0.18 -0.64	26.43 0.15 -0.74	24.84 0.17 -0.91	23.44 0.27 -1.05	22.90 0.22 -1.15	23.29 0.28 -1.03	23.98 0.27 -1.26	24.84 0.37 -1.42	25.36 0.29 -1.02	25.59 0.36 -0.96	26.89 0.39 -0.45	23.82 0.44 -0.37	22.13 0.26 -0.36	21.89 0.21 -0.18
ORANGEVILLE_WT_PWR 323706	22.23 -0.06 -0.81	21.91 -0.09 -0.51	20.29 -0.18 -0.43	19.40 -0.13 -0.44	21.39 -0.19 -0.14	21.71 -0.09 -0.31	25.40 0.03 -0.31	26.11 -0.26 -0.82	28.29 -0.45 -0.60	29.16 -0.56 -0.54	25.94 -0.51 -0.77	25.87 -0.56 -0.89	24.43 -0.43 -1.10	23.22 -0.18 -1.27	22.71 -0.22 -1.39	23.07 -0.15 -1.25	23.71 -0.27 -1.52	24.54 -0.23 -1.72	24.92 -0.36 -1.23	25.16 -0.27 -1.16	26.39 -0.21 -0.55	23.54 0.07 -0.44	21.88 -0.06 -0.44	21.71 0.00 -0.22
ORANGEVILLE___ESR 323794	22.23 -0.06 -0.81	21.91 -0.09 -0.51	20.29 -0.18 -0.43	19.40 -0.13 -0.44	21.39 -0.19 -0.14	21.71 -0.09 -0.31	25.40 0.03 -0.31	26.11 -0.26 -0.82	28.29 -0.45 -0.60	29.16 -0.56 -0.54	25.94 -0.51 -0.77	25.87 -0.56 -0.89	24.43 -0.43 -1.10	23.22 -0.18 -1.27	22.71 -0.22 -1.39	23.07 -0.15 -1.25	23.71 -0.27 -1.52	24.54 -0.23 -1.72	24.92 -0.36 -1.23	25.16 -0.27 -1.16	26.39 -0.21 -0.55	23.54 0.07 -0.44	21.88 -0.06 -0.44	21.71 0.00 -0.22
OSWEGATCHIE___HYD 24044	21.19 -0.30 0.00	21.06 -0.43 0.00	19.66 -0.38 0.00	18.75 -0.34 0.00	21.21 -0.24 0.00	21.31 -0.17 0.00	24.89 -0.17 0.00	25.26 -0.28 0.00	27.84 -0.31 0.00	28.83 -0.35 0.00	25.38 -0.31 0.00	25.23 -0.31 0.00	23.38 -0.38 0.00	21.66 -0.47 0.00	21.01 -0.52 0.00	21.51 -0.46 0.00	22.02 -0.43 0.00	22.61 -0.44 0.00	23.66 -0.39 0.00	23.88 -0.39 0.00	25.63 -0.42 0.00	22.58 -0.44 0.00	21.05 -0.45 0.00	21.10 -0.39 0.00
OSWEGO___5 23606	21.46 -0.39 -0.36	21.31 -0.41 -0.23	19.83 -0.40 -0.19	18.93 -0.36 -0.20	21.10 -0.41 -0.06	21.24 -0.39 -0.14	24.80 -0.40 -0.14	25.45 -0.46 -0.37	27.88 -0.54 -0.27	28.86 -0.56 -0.24	25.54 -0.49 -0.34	25.45 -0.49 -0.40	23.83 -0.43 -0.49	22.32 -0.38 -0.57	21.77 -0.39 -0.62	22.16 -0.37 -0.56	22.73 -0.40 -0.68	23.43 -0.39 -0.77	24.17 -0.43 -0.55	24.38 -0.41 -0.52	25.85 -0.44 -0.25	22.88 -0.34 -0.20	21.36 -0.34 -0.20	21.24 -0.34 -0.10
OSWEGO___6 23613	21.46 -0.39 -0.36	21.31 -0.41 -0.23	19.83 -0.40 -0.19	18.93 -0.36 -0.20	21.10 -0.41 -0.06	21.24 -0.39 -0.14	24.80 -0.40 -0.14	25.45 -0.46 -0.37	27.88 -0.54 -0.27	28.86 -0.56 -0.24	25.54 -0.49 -0.34	25.45 -0.49 -0.40	23.83 -0.43 -0.49	22.32 -0.38 -0.57	21.77 -0.39 -0.62	22.16 -0.37 -0.56	22.73 -0.40 -0.68	23.43 -0.39 -0.77	24.17 -0.43 -0.55	24.38 -0.41 -0.52	25.85 -0.44 -0.25	22.88 -0.34 -0.20	21.36 -0.34 -0.20	21.24 -0.34 -0.10
OUTOKUMPU-AB___DRP 24206	22.12 -0.06 -0.69	21.88 -0.04 -0.43	20.23 -0.18 -0.37	19.30 -0.17 -0.38	21.35 -0.21 -0.12	21.78 0.02 -0.27	25.28 -0.05 -0.27	25.74 -0.46 -0.66	27.98 -0.68 -0.51	28.82 -0.82 -0.46	25.65 -0.69 -0.66	25.56 -0.74 -0.76	24.15 -0.55 -0.94	22.96 -0.24 -1.08	22.44 -0.28 -1.19	22.78 -0.20 -1.00	23.30 -0.38 -1.23	24.09 -0.35 -1.39	24.54 -0.51 -0.99	24.83 -0.44 -0.99	26.12 -0.39 -0.47	23.36 -0.05 -0.38	21.71 -0.17 -0.37	21.74 0.06 -0.19
OXBOW___ 24026	21.94 -0.24 -0.69	21.64 -0.28 -0.43	20.07 -0.34 -0.37	19.14 -0.32 -0.38	21.15 -0.41 -0.12	21.43 -0.32 -0.27	25.05 -0.28 -0.27	25.53 -0.72 -0.70	27.69 -0.96 -0.51	28.52 -1.11 -0.46	25.39 -0.95 -0.65	25.30 -1.00 -0.76	23.91 -0.78 -0.93	22.78 -0.42 -1.08	22.24 -0.47 -1.18	22.64 -0.39 -1.06	23.14 -0.61 -1.29	23.94 -0.58 -1.46	24.35 -0.75 -1.05	24.58 -0.68 -0.99	25.86 -0.65 -0.47	23.12 -0.28 -0.38	21.51 -0.37 -0.37	21.50 -0.17 -0.19
OXY_CHEM_DSASP 323612	21.65 -0.52 -0.68	21.44 -0.47 -0.43	19.82 -0.58 -0.36	18.93 -0.53 -0.37	20.89 -0.66 -0.12	21.30 -0.45 -0.26	24.73 -0.60 -0.26	25.12 -1.07 -0.65	27.27 -1.38 -0.50	28.05 -1.58 -0.46	25.00 -1.34 -0.65	24.91 -1.38 -0.75	23.57 -1.12 -0.92	22.39 -0.80 -1.07	21.90 -0.80 -1.17	22.24 -0.73 -0.99	22.72 -0.94 -1.21	23.49 -0.92 -1.36	23.92 -1.11 -0.98	24.20 -1.04 -0.98	25.47 -1.04 -0.46	22.77 -0.62 -0.37	21.21 -0.67 -0.37	21.31 -0.37 -0.19
OZONE_PARK_ESR 323760	31.42 1.57 -8.36	28.20 1.50 -5.21	25.80 1.32 -4.44	24.81 1.18 -4.53	24.06 1.22 -1.40	25.95 1.25 -3.22	29.82 1.55 -3.20	35.33 1.89 -7.90	36.11 2.25 -5.72	36.70 2.33 -5.19	35.21 2.13 -7.40	36.24 2.15 -8.55	36.33 2.07 -10.50	36.03 1.75 -12.16	36.63 1.77 -13.34	35.78 1.78 -12.02	39.05 1.91 -14.69	41.53 1.89 -16.59	37.89 1.95 -11.90	38.08 1.92 -11.89	33.71 2.03 -5.63	29.25 1.68 -4.55	27.40 1.42 -4.48	25.09 1.31 -2.29
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	21.65 -0.52 -0.68	21.44 -0.47 -0.43	19.82 -0.58 -0.36	18.93 -0.53 -0.37	20.89 -0.66 -0.12	21.30 -0.45 -0.26	24.73 -0.60 -0.26	25.12 -1.07 -0.65	27.27 -1.38 -0.50	28.05 -1.58 -0.46	25.00 -1.34 -0.65	24.91 -1.38 -0.75	23.57 -1.12 -0.92	22.39 -0.80 -1.07	21.90 -0.80 -1.17	22.24 -0.73 -0.99	22.72 -0.94 -1.21	23.49 -0.92 -1.36	23.92 -1.11 -0.98	24.20 -1.04 -0.98	25.47 -1.04 -0.46	22.77 -0.62 -0.37	21.21 -0.67 -0.37	21.31 -0.37 -0.19

PACKARD__115KV_DUPONT_184 80571	21.65 -0.52 -0.68	21.44 -0.47 -0.43	19.82 -0.58 -0.36	18.93 -0.53 -0.37	20.89 -0.66 -0.12	21.30 -0.45 -0.26	24.73 -0.60 -0.26	25.12 -1.07 -0.65	27.27 -1.38 -0.50	28.05 -1.58 -0.46	25.00 -1.34 -0.65	24.91 -1.38 -0.75	23.57 -1.12 -0.92	22.39 -0.80 -1.07	21.90 -0.80 -1.17	22.24 -0.73 -0.99	22.72 -0.94 -1.21	23.49 -0.92 -1.36	23.92 -1.11 -0.98	24.20 -1.04 -0.98	25.47 -1.04 -0.46	22.77 -0.62 -0.37	21.21 -0.67 -0.37	21.31 -0.37 -0.19
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	31.27 1.42 -8.36	28.05 1.35 -5.21	25.64 1.16 -4.44	24.66 1.03 -4.53	23.79 0.94 -1.40	25.60 0.90 -3.22	29.42 1.15 -3.20	34.95 1.51 -7.90	35.72 1.86 -5.72	36.32 1.95 -5.19	34.90 1.82 -7.40	36.01 1.92 -8.55	36.07 1.81 -10.50	35.76 1.48 -12.16	36.33 1.46 -13.34	35.49 1.49 -12.02	38.72 1.57 -14.70	41.19 1.54 -16.59	37.53 1.59 -11.90	37.72 1.55 -11.89	33.26 1.59 -5.63	28.86 1.29 -4.55	27.10 1.12 -4.48	24.81 1.03 -2.29
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	31.46 1.61 -8.36	28.24 1.55 -5.21	25.84 1.36 -4.44	24.83 1.20 -4.53	24.09 1.24 -1.40	25.78 1.07 -3.22	29.62 1.35 -3.20	35.16 1.71 -7.90	35.94 2.08 -5.72	36.55 2.19 -5.19	35.13 2.05 -7.40	36.21 2.12 -8.55	36.26 2.00 -10.50	35.94 1.66 -12.16	36.48 1.61 -13.34	35.65 1.65 -12.02	38.88 1.73 -14.70	41.35 1.71 -16.59	37.73 1.78 -11.90	37.91 1.75 -11.89	33.45 1.77 -5.63	29.02 1.45 -4.55	27.25 1.27 -4.48	24.98 1.20 -2.29
PATROON__115KV_TB1 80586	32.78 0.67 -10.63	28.85 0.67 -6.69	26.37 0.62 -5.70	25.51 0.59 -5.83	23.97 0.73 -1.80	26.35 0.73 -4.13	30.08 0.90 -4.12	36.65 0.95 -10.16	36.44 0.93 -7.37	36.82 0.96 -6.69	36.14 0.92 -9.53	37.43 0.87 -11.02	38.30 0.81 -13.73	38.82 0.80 -15.90	39.68 0.71 -17.44	38.18 0.75 -15.46	42.07 0.72 -18.90	45.17 0.78 -21.34	40.17 0.82 -15.30	40.36 0.80 -15.29	34.17 0.89 -7.24	29.61 0.74 -5.85	27.82 0.56 -5.76	25.01 0.58 -2.95
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	21.71 -0.52 -0.74	21.46 -0.49 -0.47	19.82 -0.62 -0.40	18.93 -0.57 -0.41	20.88 -0.69 -0.13	21.34 -0.43 -0.29	24.82 -0.53 -0.29	25.43 -0.82 -0.71	27.62 -1.07 -0.55	28.47 -1.20 -0.50	25.36 -1.03 -0.71	25.28 -1.07 -0.82	23.86 -0.90 -1.00	22.69 -0.60 -1.16	22.22 -0.58 -1.27	22.57 -0.48 -1.08	23.14 -0.63 -1.31	23.91 -0.62 -1.48	24.29 -0.82 -1.06	24.58 -0.75 -1.06	25.82 -0.73 -0.50	23.06 -0.37 -0.41	21.41 -0.49 -0.40	21.33 -0.37 -0.21
PAWLING_115_KV_BK3_REV_LBMP_H 345028	31.57 1.57 -8.51	28.21 1.42 -5.30	25.78 1.22 -4.52	24.84 1.13 -4.62	24.07 1.20 -1.43	26.01 1.25 -3.28	29.88 1.55 -3.26	35.38 1.79 -8.05	36.00 2.03 -5.82	36.62 2.16 -5.29	35.17 1.95 -7.54	36.19 1.94 -8.71	36.41 1.95 -10.70	36.19 1.68 -12.39	36.84 1.72 -13.59	36.03 1.80 -12.25	39.31 1.89 -14.97	41.89 1.94 -16.91	38.14 1.97 -12.12	38.38 1.99 -12.12	33.79 2.01 -5.74	29.20 1.54 -4.63	27.38 1.31 -4.56	25.00 1.18 -2.34
PEEKSKILL____ 23653	30.88 1.18 -8.22	27.74 1.14 -5.12	25.40 1.00 -4.36	24.46 0.92 -4.45	23.76 0.94 -1.37	25.63 0.99 -3.16	29.41 1.20 -3.14	34.73 1.46 -7.73	35.47 1.72 -5.61	36.07 1.81 -5.09	34.56 1.62 -7.26	35.54 1.61 -8.39	35.66 1.57 -10.33	35.46 1.37 -11.96	36.05 1.40 -13.12	35.16 1.43 -11.76	38.33 1.50 -14.37	40.77 1.50 -16.23	37.22 1.54 -11.64	37.49 1.53 -11.69	33.17 1.59 -5.53	28.78 1.29 -4.47	27.00 1.10 -4.40	24.75 1.01 -2.25
PGE MADISON__WINDPWR 24146	24.25 1.38 -1.39	23.69 1.33 -0.87	21.92 1.14 -0.74	21.05 1.20 -0.76	23.20 1.52 -0.23	23.65 1.63 -0.54	27.83 2.23 -0.53	29.31 2.04 -1.72	31.48 2.08 -1.25	32.26 1.95 -1.13	28.89 1.59 -1.62	28.94 1.53 -1.87	27.42 1.35 -2.30	26.02 1.24 -2.66	25.57 1.12 -2.92	26.04 1.45 -2.62	27.27 1.62 -3.20	28.30 1.64 -3.61	28.42 1.78 -2.59	28.24 1.99 -1.98	29.07 2.08 -0.94	25.53 1.75 -0.76	23.65 1.40 -0.75	23.14 1.27 -0.38
PIERCEFIELD____HYD 23852	20.88 -0.60 0.00	20.82 -0.67 0.00	19.50 -0.54 0.00	18.60 -0.50 0.00	20.97 -0.47 0.00	20.95 -0.54 0.00	24.41 -0.65 0.00	24.80 -0.74 0.00	27.38 -0.76 0.00	28.39 -0.79 0.00	25.04 -0.64 0.00	24.90 -0.64 0.00	23.07 -0.69 0.00	21.42 -0.71 0.00	20.80 -0.73 0.00	21.23 -0.75 0.00	21.73 -0.72 0.00	22.34 -0.71 0.00	23.40 -0.65 0.00	23.57 -0.70 0.00	25.34 -0.70 0.00	22.29 -0.74 0.00	20.80 -0.71 0.00	20.80 -0.69 0.00
PINELAWN_CC_1 323563	34.82 2.02 -11.31	29.70 1.98 -6.24	30.31 1.80 -8.47	27.55 1.68 -6.78	24.62 1.76 -1.42	26.53 1.83 -3.22	31.58 2.01 -4.51	35.61 2.20 -7.87	36.25 2.39 -5.71	36.99 2.63 -5.19	35.46 2.26 -7.52	36.48 2.27 -8.67	36.58 2.16 -10.65	38.10 1.95 -14.03	36.85 1.96 -13.36	36.15 1.98 -12.20	39.22 2.11 -14.65	41.73 2.14 -16.53	38.09 2.19 -11.85	38.30 2.14 -11.90	36.15 2.26 -7.84	33.20 2.12 -8.06	30.99 1.96 -7.53	28.17 1.91 -4.77
PJM_GEN_HTP_PROXY 323702	31.22 1.38 -8.36	27.98 1.29 -5.21	25.62 1.14 -4.44	24.66 1.03 -4.53	23.89 1.05 -1.40	25.78 1.07 -3.22	29.59 1.33 -3.20	35.07 1.66 -7.86	35.79 1.94 -5.71	36.40 2.04 -5.18	34.94 1.87 -7.38	35.94 1.86 -8.54	36.08 1.81 -10.52	35.83 1.53 -12.18	36.44 1.55 -13.36	35.53 1.58 -11.97	38.74 1.66 -14.63	41.20 1.64 -16.51	37.57 1.68 -11.84	37.81 1.65 -11.89	33.42 1.75 -5.63	29.02 1.45 -4.55	27.21 1.23 -4.48	24.92 1.14 -2.29
PJM_GEN_KEystone 24065	26.39 0.26 -4.64	24.62 0.24 -2.89	22.65 0.14 -2.46	21.24 0.12 -2.03	21.86 0.06 -0.35	23.40 0.13 -1.79	27.09 0.25 -1.78	28.30 0.26 -2.50	28.61 0.25 -0.21	29.00 0.23 0.41	27.81 0.23 -1.90	27.86 0.20 -2.12	29.46 0.29 -5.41	29.23 0.31 -6.80	29.31 0.34 -7.44	29.05 0.40 -6.68	31.00 0.38 -8.17	32.64 0.37 -9.22	30.88 0.29 -6.54	31.14 0.29 -6.58	29.51 0.34 -3.13	25.94 0.39 -2.53	24.25 0.26 -2.49	23.00 0.24 -1.27
PJM_GEN_NEPTUNE_PROXY 323594	34.39 1.59 -11.31	29.29 1.57 -6.24	29.93 1.42 -8.47	27.19 1.32 -6.78	24.23 1.37 -1.42	26.12 1.42 -3.22	31.30 1.73 -4.51	35.35 1.94 -7.87	35.99 2.14 -5.71	36.75 2.39 -5.18	35.25 2.06 -7.52	36.25 2.04 -8.67	36.36 1.95 -10.65	37.88 1.73 -14.02	36.63 1.74 -13.36	35.95 1.78 -12.19	38.96 1.86 -14.65	41.47 1.89 -16.53	37.82 1.92 -11.85	38.04 1.87 -11.90	35.84 1.95 -7.84	32.39 1.66 -7.71	30.56 1.53 -7.52	27.72 1.46 -4.77
PJM_GEN_VFT_PROXY 323633	31.14 1.29 -8.36	27.92 1.22 -5.21	25.56 1.08 -4.44	24.54 0.92 -4.53	23.79 0.94 -1.40	25.65 0.94 -3.22	29.47 1.20 -3.20	34.91 1.51 -7.86	35.22 1.77 -5.30	35.22 1.84 -4.21	34.74 1.69 -7.36	34.92 1.69 -7.70	35.92 1.64 -10.52	35.67 1.37 -12.18	35.97 1.38 -13.06	35.35 1.41 -11.97	38.56 1.48 -14.63	41.02 1.45 -16.51	36.33 1.49 -10.79	37.20 1.48 -11.45	33.32 1.64 -5.63	28.93 1.36 -4.55	27.10 1.12 -4.48	24.79 1.01 -2.29
PLATSBURG_115KV_PMLD1 355749	21.87 0.39 0.00	21.79 0.30 0.00	20.44 0.40 0.00	19.44 0.34 0.00	21.81 0.36 0.00	21.89 0.41 0.00	25.57 0.50 0.00	25.65 0.10 0.00	28.40 0.25 0.00	29.44 0.26 0.00	26.02 0.33 0.00	25.90 0.36 0.00	23.95 0.19 0.00	22.30 0.18 0.00	21.64 0.11 0.00	22.04 0.07 0.00	22.56 0.11 0.00	23.21 0.16 0.00	24.63 0.58 0.00	24.71 0.44 0.00	26.54 0.49 0.00	23.23 0.21 0.00	21.64 0.13 0.00	21.64 0.15 0.00

PLEASANTVLY___LBMP 24000	31.47 1.03 -8.96	28.07 1.01 -5.57	25.71 0.92 -4.75	24.79 0.84 -4.85	23.86 0.92 -1.50	25.85 0.92 -3.44	29.62 1.13 -3.43	35.31 1.30 -8.46	35.76 1.49 -6.12	36.31 1.58 -5.56	34.99 1.39 -7.92	36.11 1.40 -9.16	36.37 1.35 -11.25	36.34 1.19 -13.03	37.02 1.21 -14.29	36.08 1.23 -12.87	39.49 1.30 -15.73	42.11 1.29 -17.77	38.14 1.35 -12.74	38.31 1.31 -12.73	33.45 1.38 -6.03	29.04 1.15 -4.87	27.27 0.97 -4.79	24.89 0.95 -2.46
PLSNTVLE_13_KV_13.8KVDIST 80602	31.22 1.27 -8.47	27.98 1.22 -5.27	25.63 1.10 -4.49	24.68 0.99 -4.59	23.93 1.07 -1.42	25.84 1.10 -3.26	29.63 1.33 -3.24	35.13 1.58 -8.00	35.76 1.83 -5.79	36.35 1.93 -5.26	34.92 1.75 -7.49	35.94 1.74 -8.66	36.08 1.69 -10.63	35.92 1.48 -12.31	36.52 1.49 -13.51	35.69 1.54 -12.17	38.95 1.62 -14.88	41.47 1.61 -16.80	37.76 1.66 -12.05	37.96 1.65 -12.04	33.44 1.69 -5.70	29.03 1.40 -4.61	27.22 1.18 -4.53	24.92 1.12 -2.32
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	31.22 1.27 -8.47	27.98 1.22 -5.27	25.63 1.10 -4.49	24.68 0.99 -4.59	23.93 1.07 -1.42	25.84 1.10 -3.26	29.63 1.33 -3.24	35.13 1.58 -8.00	35.76 1.83 -5.79	36.35 1.93 -5.26	34.92 1.75 -7.49	35.94 1.74 -8.66	36.08 1.69 -10.63	35.92 1.48 -12.31	36.52 1.49 -13.51	35.69 1.54 -12.17	38.95 1.62 -14.88	41.47 1.61 -16.80	37.76 1.66 -12.05	37.96 1.65 -12.04	33.44 1.69 -5.70	29.03 1.40 -4.61	27.22 1.18 -4.53	24.92 1.12 -2.32
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	31.27 1.18 -8.60	28.04 1.16 -5.40	25.70 1.06 -4.60	24.76 0.97 -4.70	23.97 1.07 -1.45	25.94 1.12 -3.33	29.71 1.33 -3.32	35.24 1.51 -8.19	35.73 1.66 -5.92	36.27 1.72 -5.38	34.89 1.54 -7.66	35.96 1.56 -8.86	36.14 1.50 -10.88	36.03 1.31 -12.60	36.66 1.31 -13.82	35.80 1.36 -12.46	39.09 1.41 -15.23	41.70 1.45 -17.19	37.87 1.49 -12.33	38.10 1.50 -12.32	33.44 1.56 -5.83	29.02 1.29 -4.71	27.24 1.10 -4.64	24.91 1.05 -2.38
POLETTI____ 23519	31.20 1.35 -8.36	27.98 1.29 -5.21	25.62 1.14 -4.44	24.64 1.01 -4.53	23.87 1.03 -1.40	25.75 1.05 -3.22	29.57 1.30 -3.20	35.05 1.61 -7.90	35.77 1.91 -5.72	36.38 2.01 -5.19	34.93 1.85 -7.40	35.93 1.84 -8.55	36.05 1.78 -10.50	35.79 1.50 -12.16	36.37 1.51 -13.34	35.54 1.54 -12.02	38.76 1.62 -14.69	41.23 1.59 -16.59	37.61 1.66 -11.90	37.79 1.63 -11.89	33.39 1.72 -5.63	29.00 1.43 -4.55	27.19 1.20 -4.48	24.87 1.10 -2.29
POMONA___ESR 323819	30.47 1.12 -7.86	27.48 1.10 -4.90	25.17 0.96 -4.17	24.24 0.88 -4.26	23.68 0.92 -1.32	25.45 0.94 -3.02	29.25 1.18 -3.01	34.37 1.43 -7.39	35.14 1.63 -5.36	35.77 1.72 -4.87	34.19 1.57 -6.94	35.12 1.56 -8.03	35.15 1.50 -9.88	34.87 1.30 -11.45	35.42 1.34 -12.55	34.61 1.39 -11.25	37.66 1.46 -13.75	40.03 1.45 -15.52	36.65 1.47 -11.13	36.89 1.43 -11.19	32.85 1.51 -5.29	28.57 1.27 -4.28	26.77 1.05 -4.21	24.61 0.97 -2.16
PORT_JEFF_3 23555	35.02 2.21 -11.32	29.89 2.17 -6.24	30.51 2.00 -8.47	27.70 1.83 -6.78	24.79 1.93 -1.42	26.68 1.98 -3.22	32.03 2.46 -4.51	36.08 2.66 -7.88	36.71 2.84 -5.72	37.51 3.09 -5.24	35.85 2.59 -7.58	36.80 2.58 -8.68	36.87 2.45 -10.66	38.35 2.19 -14.04	37.12 2.22 -13.37	36.50 2.24 -12.28	39.47 2.31 -14.71	41.99 2.35 -16.59	38.36 2.40 -11.91	38.53 2.35 -11.91	36.47 2.53 -7.90	34.74 2.21 -9.51	31.24 2.13 -7.61	28.36 2.11 -4.77
PORT_JEFF_4 23616	35.02 2.21 -11.32	29.89 2.17 -6.24	30.51 2.00 -8.47	27.70 1.83 -6.78	24.79 1.93 -1.42	26.68 1.98 -3.22	32.03 2.46 -4.51	36.08 2.66 -7.88	36.71 2.84 -5.72	37.51 3.09 -5.24	35.85 2.59 -7.58	36.80 2.58 -8.68	36.87 2.45 -10.66	38.35 2.19 -14.04	37.12 2.22 -13.37	36.50 2.24 -12.28	39.47 2.31 -14.71	41.99 2.35 -16.59	38.36 2.40 -11.91	38.53 2.35 -11.91	36.47 2.53 -7.90	34.74 2.21 -9.51	31.24 2.13 -7.61	28.36 2.11 -4.77
PORT_JEFF_IC 23713	35.09 2.28 -11.33	29.96 2.23 -6.24	30.57 2.06 -8.47	27.76 1.89 -6.78	24.83 1.97 -1.42	26.74 2.04 -3.22	32.08 2.51 -4.51	36.16 2.73 -7.88	36.80 2.93 -5.72	37.61 3.18 -5.25	35.96 2.70 -7.59	36.90 2.68 -8.69	36.97 2.54 -10.66	38.46 2.30 -14.04	37.21 2.30 -13.37	36.62 2.35 -12.29	39.60 2.43 -14.72	42.12 2.47 -16.60	38.51 2.55 -11.92	38.66 2.48 -11.91	36.58 2.63 -7.91	34.98 2.30 -9.66	31.32 2.19 -7.62	28.42 2.17 -4.77
PPL PILGRIM_ST_GT1 24216	35.04 2.23 -11.32	29.94 2.21 -6.24	30.53 2.02 -8.47	27.74 1.87 -6.78	24.85 1.99 -1.42	26.72 2.02 -3.22	32.03 2.46 -4.51	36.09 2.68 -7.87	36.73 2.87 -5.71	37.43 3.06 -5.20	35.86 2.65 -7.53	36.89 2.68 -8.67	36.98 2.57 -10.65	38.47 2.32 -14.03	37.22 2.33 -13.36	36.47 2.29 -12.21	39.54 2.43 -14.66	42.08 2.49 -16.54	38.41 2.50 -11.86	38.72 2.55 -11.90	36.48 2.58 -7.85	35.06 2.19 -9.85	31.16 2.11 -7.54	28.38 2.13 -4.77
PPL PILGRIM_ST_GT2 24217	35.04 2.23 -11.32	29.94 2.21 -6.24	30.53 2.02 -8.47	27.74 1.87 -6.78	24.85 1.99 -1.42	26.72 2.02 -3.22	32.03 2.46 -4.51	36.09 2.68 -7.87	36.73 2.87 -5.71	37.43 3.06 -5.20	35.86 2.65 -7.53	36.89 2.68 -8.67	36.98 2.57 -10.65	38.47 2.32 -14.03	37.22 2.33 -13.36	36.47 2.29 -12.21	39.54 2.43 -14.66	42.08 2.49 -16.54	38.41 2.50 -11.86	38.72 2.55 -11.90	36.48 2.58 -7.85	35.06 2.19 -9.85	31.16 2.11 -7.54	28.38 2.13 -4.77
PPL_SHRM_GT3 24213	35.26 2.45 -11.32	30.13 2.41 -6.24	30.73 2.22 -8.47	27.92 2.04 -6.78	25.02 2.16 -1.42	26.92 2.21 -3.22	32.30 2.73 -4.51	36.38 2.96 -7.88	37.02 3.15 -5.72	37.80 3.38 -5.24	36.14 2.88 -7.58	37.11 2.88 -8.68	37.18 2.76 -10.66	38.66 2.50 -14.04	37.42 2.52 -13.37	36.82 2.57 -12.28	39.88 2.72 -14.71	42.43 2.79 -16.59	38.79 2.84 -11.91	38.99 2.81 -11.91	36.86 2.92 -7.90	35.04 2.49 -9.53	31.48 2.37 -7.61	28.60 2.34 -4.77
PPL_SHRM_GT4 24214	35.26 2.45 -11.32	30.13 2.41 -6.24	30.73 2.22 -8.47	27.92 2.04 -6.78	25.02 2.16 -1.42	26.92 2.21 -3.22	32.30 2.73 -4.51	36.38 2.96 -7.88	37.02 3.15 -5.72	37.80 3.38 -5.24	36.14 2.88 -7.58	37.11 2.88 -8.68	37.18 2.76 -10.66	38.66 2.50 -14.04	37.42 2.52 -13.37	36.82 2.57 -12.28	39.88 2.72 -14.71	42.43 2.79 -16.59	38.79 2.84 -11.91	38.99 2.81 -11.91	36.86 2.92 -7.90	35.04 2.49 -9.53	31.48 2.37 -7.61	28.60 2.34 -4.77
PROJECT___ORANGE 1 24174	21.80 -0.13 -0.45	21.64 -0.13 -0.28	20.12 -0.16 -0.24	19.18 -0.15 -0.24	21.37 -0.15 -0.08	21.57 -0.09 -0.17	25.16 -0.08 -0.17	25.87 -0.10 -0.42	28.33 -0.14 -0.33	29.35 -0.12 -0.30	26.00 -0.10 -0.42	25.92 -0.10 -0.49	24.27 -0.10 -0.60	22.80 -0.02 -0.70	22.21 -0.09 -0.77	22.58 -0.04 -0.64	23.17 -0.07 -0.79	23.89 -0.05 -0.89	24.59 -0.10 -0.64	24.86 -0.05 -0.64	26.27 -0.08 -0.30	23.24 -0.02 -0.24	21.68 -0.06 -0.24	21.54 -0.06 -0.12
PROJECT___ORANGE 2 24166	21.80 -0.13 -0.45	21.64 -0.13 -0.28	20.12 -0.16 -0.24	19.18 -0.15 -0.24	21.37 -0.15 -0.08	21.57 -0.09 -0.17	25.16 -0.08 -0.17	25.87 -0.10 -0.42	28.33 -0.14 -0.33	29.35 -0.12 -0.30	26.00 -0.10 -0.42	25.92 -0.10 -0.49	24.27 -0.10 -0.60	22.80 -0.02 -0.70	22.21 -0.09 -0.77	22.58 -0.04 -0.64	23.17 -0.07 -0.79	23.89 -0.05 -0.89	24.59 -0.10 -0.64	24.86 -0.05 -0.64	26.27 -0.08 -0.30	23.24 -0.02 -0.24	21.68 -0.06 -0.24	21.54 -0.06 -0.12

PUCKETT___SOLAR 323809	23.34	22.79	21.10	20.20	22.09	22.51	26.29	27.75	29.89	30.75	27.59	27.62	26.22	24.92	24.53	24.81	25.90	26.92	27.00	26.97	27.69	24.45	22.75	22.29
	0.43	0.41	0.30	0.32	0.41	0.47	0.68	0.61	0.59	0.53	0.41	0.36	0.33	0.33	0.30	0.42	0.49	0.53	0.55	0.66	0.68	0.64	0.47	0.41
	-1.43	-0.89	-0.76	-0.78	-0.24	-0.55	-0.55	-1.59	-1.15	-1.05	-1.49	-1.73	-2.13	-2.46	-2.70	-2.42	-2.96	-3.34	-2.40	-2.04	-0.97	-0.78	-0.77	-0.39
PYRITES___HYD 24023	21.14	21.08	19.76	18.84	21.27	21.25	24.79	25.16	27.81	28.77	25.37	25.23	23.38	21.70	21.10	21.54	22.07	22.64	23.74	23.93	25.73	22.61	21.08	21.03
	-0.34	-0.41	-0.28	-0.25	-0.17	-0.24	-0.28	-0.38	-0.34	-0.41	-0.31	-0.31	-0.38	-0.42	-0.43	-0.44	-0.38	-0.41	-0.31	-0.34	-0.31	-0.41	-0.43	-0.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
QUAKERRD_115KV_BK1 80622	21.62	21.41	19.90	18.96	21.04	21.34	24.90	25.49	27.82	28.76	25.52	25.44	23.95	22.56	21.97	22.32	22.88	23.64	24.25	24.54	25.90	23.01	21.40	21.32
	-0.43	-0.43	-0.44	-0.44	-0.49	-0.37	-0.38	-0.59	-0.73	-0.79	-0.69	-0.72	-0.57	-0.44	-0.52	-0.46	-0.56	-0.53	-0.60	-0.53	-0.52	-0.32	-0.41	-0.32
	-0.56	-0.35	-0.30	-0.31	-0.09	-0.22	-0.22	-0.53	-0.41	-0.37	-0.53	-0.62	-0.76	-0.88	-0.96	-0.81	-0.99	-1.12	-0.80	-0.80	-0.38	-0.31	-0.30	-0.15
QUENSBRY_115KV_TB8 356137	33.74	29.73	27.19	26.32	24.83	27.31	31.19	37.86	37.64	38.02	37.27	38.58	39.12	39.61	40.31	38.72	42.66	45.88	40.81	41.06	34.84	30.29	28.46	25.66
	1.48	1.46	1.36	1.32	1.57	1.63	1.96	2.02	2.03	2.07	1.93	1.86	1.50	1.44	1.18	1.08	1.06	1.20	1.25	1.29	1.46	1.34	1.12	1.18
	-10.77	-6.79	-5.78	-5.91	-1.82	-4.19	-4.17	-10.30	-7.47	-6.78	-9.66	-11.17	-13.86	-16.05	-17.60	-15.67	-19.15	-21.63	-15.51	-15.50	-7.34	-5.93	-5.84	-2.99
RAMAPO___LBMP 323565	30.34	27.36	25.09	24.13	23.61	25.37	29.14	34.26	35.01	35.63	34.03	34.96	34.98	34.71	35.22	34.49	37.56	39.91	36.55	36.73	32.72	28.45	26.68	24.53
	1.03	1.01	0.90	0.80	0.86	0.88	1.08	1.33	1.52	1.60	1.44	1.43	1.40	1.22	1.23	1.27	1.37	1.34	1.37	1.33	1.41	1.17	0.99	0.90
	-7.82	-4.87	-4.15	-4.24	-1.31	-3.01	-2.99	-7.39	-5.34	-4.85	-6.91	-7.99	-9.81	-11.36	-12.47	-11.25	-13.74	-15.52	-11.13	-11.12	-5.26	-4.25	-4.19	-2.14
RANKINE____ 23646	22.11	21.86	20.21	19.30	21.31	21.77	25.30	25.83	28.06	28.90	25.73	25.65	24.23	23.02	22.52	22.88	23.41	24.21	24.64	24.93	26.20	23.40	21.75	21.73
	-0.11	-0.09	-0.22	-0.19	-0.26	0.00	-0.05	-0.41	-0.62	-0.76	-0.64	-0.69	-0.52	-0.24	-0.26	-0.15	-0.34	-0.30	-0.46	-0.39	-0.34	-0.02	-0.15	0.04
	-0.73	-0.46	-0.39	-0.40	-0.12	-0.28	-0.28	-0.69	-0.54	-0.49	-0.69	-0.80	-0.99	-1.14	-1.25	-1.06	-1.29	-1.46	-1.05	-1.05	-0.49	-0.40	-0.39	-0.20
RAVENSWOOD_GT2_1 24244	31.20	28.00	25.64	24.66	23.89	25.78	29.59	35.08	35.83	36.41	34.95	35.98	36.07	35.83	36.42	35.58	38.81	41.28	37.63	37.81	33.42	29.02	27.21	24.92
	1.35	1.31	1.16	1.03	1.05	1.07	1.33	1.63	1.97	2.04	1.87	1.89	1.81	1.55	1.55	1.58	1.66	1.64	1.68	1.65	1.75	1.45	1.23	1.14
	-8.36	-5.21	-4.44	-4.53	-1.40	-3.22	-3.20	-7.90	-5.72	-5.19	-7.40	-8.55	-10.50	-12.16	-13.34	-12.02	-14.70	-16.59	-11.90	-11.89	-5.63	-4.55	-4.48	-2.29
RAVENSWOOD_GT2_2 24245	31.20	28.00	25.64	24.66	23.89	25.78	29.59	35.08	35.83	36.41	34.95	35.98	36.07	35.83	36.42	35.58	38.81	41.28	37.63	37.81	33.42	29.02	27.21	24.92
	1.35	1.31	1.16	1.03	1.05	1.07	1.33	1.63	1.97	2.04	1.87	1.89	1.81	1.55	1.55	1.58	1.66	1.64	1.68	1.65	1.75	1.45	1.23	1.14
	-8.36	-5.21	-4.44	-4.53	-1.40	-3.22	-3.20	-7.90	-5.72	-5.19	-7.40	-8.55	-10.50	-12.16	-13.34	-12.02	-14.70	-16.59	-11.90	-11.89	-5.63	-4.55	-4.48	-2.29
RAVENSWOOD_GT2_3 24246	31.22	28.00	25.64	24.66	23.91	25.80	29.59	35.11	35.83	36.43	34.98	35.98	36.09	35.83	36.42	35.58	38.83	41.28	37.65	37.84	33.45	29.04	27.21	24.92
	1.38	1.31	1.16	1.03	1.07	1.10	1.33	1.66	1.97	2.07	1.90	1.89	1.83	1.55	1.55	1.58	1.68	1.64	1.71	1.67	1.77	1.47	1.23	1.14
	-8.36	-5.21	-4.44	-4.53	-1.40	-3.22	-3.20	-7.90	-5.72	-5.19	-7.40	-8.55	-10.50	-12.16	-13.34	-12.02	-14.70	-16.59	-11.90	-11.89	-5.63	-4.55	-4.48	-2.29
RAVENSWOOD_GT2_4 24247	31.22	28.00	25.64	24.66	23.91	25.80	29.59	35.11	35.83	36.43	34.98	35.98	36.09	35.83	36.42	35.58	38.83	41.28	37.65	37.84	33.45	29.04	27.21	24.92
	1.38	1.31	1.16	1.03	1.07	1.10	1.33	1.66	1.97	2.07	1.90	1.89	1.83	1.55	1.55	1.58	1.68	1.64	1.71	1.67	1.77	1.47	1.23	1.14
	-8.36	-5.21	-4.44	-4.53	-1.40	-3.22	-3.20	-7.90	-5.72	-5.19	-7.40	-8.55	-10.50	-12.16	-13.34	-12.02	-14.70	-16.59	-11.90	-11.89	-5.63	-4.55	-4.48	-2.29
RAVENSWOOD_GT3_1 24248	31.20	28.00	25.64	24.66	23.89	25.78	29.59	35.08	35.83	36.41	34.95	35.98	36.07	35.83	36.42	35.58	38.81	41.28	37.63	37.81	33.42	29.02	27.21	24.92
	1.35	1.31	1.16	1.03	1.05	1.07	1.33	1.63	1.97	2.04	1.87	1.89	1.81	1.55	1.55	1.58	1.66	1.64	1.68	1.65	1.75	1.45	1.23	1.14
	-8.36	-5.21	-4.44	-4.53	-1.40	-3.22	-3.20	-7.90	-5.72	-5.19	-7.40	-8.55	-10.50	-12.16	-13.34	-12.02	-14.70	-16.59	-11.90	-11.89	-5.63	-4.55	-4.48	-2.29
RAVENSWOOD_GT3_2 24249	31.20	28.00	25.64	24.66	23.89	25.78	29.59	35.08	35.83	36.41	34.95	35.98	36.07	35.83	36.42	35.58	38.81	41.28	37.63	37.81	33.42	29.02	27.21	24.92
	1.35	1.31	1.16	1.03	1.05	1.07	1.33	1.63	1.97	2.04	1.87	1.89	1.81	1.55	1.55	1.58	1.66	1.64	1.68	1.65	1.75	1.45	1.23	1.14
	-8.36	-5.21	-4.44	-4.53	-1.40	-3.22	-3.20	-7.90	-5.72	-5.19	-7.40	-8.55	-10.50	-12.16	-13.34	-12.02	-14.70	-16.59	-11.90	-11.89	-5.63	-4.55	-4.48	-2.29
RAVENSWOOD_GT3_3 24250	31.25	28.02	25.66	24.68	23.94	25.80	29.62	35.13	35.86	36.46	35.00	36.03	36.12	35.85	36.46	35.60	38.85	41.33	37.68	37.86	33.47	29.07	27.23	24.94
	1.40	1.33	1.18	1.05	1.09	1.10	1.35	1.69	2.00	2.10	1.93	1.94	1.85	1.57	1.59	1.60	1.71	1.68	1.73	1.70	1.80	1.50	1.25	1.16
	-8.36	-5.21	-4.44	-4.53	-1.40	-3.22	-3.20	-7.90	-5.72	-5.19	-7.40	-8.55	-10.50	-12.16	-13.34	-12.02	-14.70	-16.59	-11.90	-11.89	-5.63	-4.55	-4.48	-2.29
RAVENSWOOD_GT3_4 24251	31.25	28.02	25.66	24.68	23.94	25.80	29.62	35.13	35.86	36.46	35.00	36.03	36.12	35.85	36.46	35.60	38.85	41.33	37.68	37.86	33.47	29.07	27.23	24.94
	1.40	1.33	1.18	1.05	1.09	1.10	1.35	1.69	2.00	2.10	1.93	1.94	1.85	1.57	1.59	1.60	1.71	1.68	1.73	1.70	1.80	1.50	1.25	1.16
	-8.36	-5.21	-4.44	-4.53	-1.40	-3.22	-3.20	-7.90	-5.72	-5.19	-7.40	-8.55	-10.50	-12.16	-13.34	-12.02	-14.70	-16.59	-11.90	-11.89	-5.63	-4.55	-4.48	-2.29
RAVENSWOOD_GT_1 23729	31.24	28.03	25.64	24.66	23.85	25.71	29.54	35.07	35.85	36.46	35.02	36.07	36.18	35.89	36.48	35.57	38.76	41.20	37.62	37.86	33.42	29.00	27.19	24.87
	1.40	1.33	1.16	1.03	1.01	1.01	1.28	1.66	2.00	2.10	1.95	1.99	1.90	1.59	1.59	1.63	1.68	1.64	1.73	1.70	1.75	1.43	1.20	1.10
	-8.36	-5.21	-4.44	-4.53	-1.40	-3.22	-3.20	-7.86	-5.71	-5.18	-7.38	-8.54	-10.52	-12.18	-13.36	-11.97	-14.63	-16.51	-11.84	-11.89	-5.63	-4.55	-4.48	-2.29

RAVENSWOOD_GT_10 24258	31.20 1.35 -8.36	28.00 1.31 -5.21	25.64 1.16 -4.44	24.66 1.03 -4.53	23.91 1.07 -1.40	25.78 1.07 -3.22	29.59 1.33 -3.20	35.11 1.66 -7.90	35.83 1.97 -5.72	36.41 2.04 -5.19	34.95 1.87 -7.40	35.98 1.89 -8.55	36.07 1.81 -10.50	35.83 1.55 -12.16	36.42 1.55 -13.34	35.58 1.58 -12.02	38.81 1.66 -14.70	41.28 1.64 -16.59	37.63 1.68 -11.90	37.81 1.65 -11.89	33.45 1.77 -5.63	29.02 1.45 -4.55	27.21 1.23 -4.48	24.92 1.14 -2.29
RAVENSWOOD_GT_11 24259	31.20 1.35 -8.36	28.00 1.31 -5.21	25.64 1.16 -4.44	24.66 1.03 -4.53	23.87 1.03 -1.40	25.78 1.07 -3.22	29.59 1.33 -3.20	35.07 1.66 -7.86	35.82 1.97 -5.71	36.40 2.04 -5.18	34.94 1.87 -7.38	35.97 1.89 -8.54	36.08 1.81 -10.52	35.85 1.55 -12.18	36.44 1.55 -13.36	35.53 1.58 -11.97	38.74 1.66 -14.63	41.20 1.64 -16.51	37.57 1.68 -11.84	37.81 1.65 -11.89	33.42 1.75 -5.63	29.02 1.45 -4.55	27.21 1.23 -4.48	24.92 1.14 -2.29
RAVENSWOOD_GT_4 24252	31.20 1.35 -8.36	28.00 1.31 -5.21	25.64 1.16 -4.44	24.66 1.03 -4.53	23.91 1.07 -1.40	25.80 1.10 -3.22	29.62 1.35 -3.20	35.11 1.66 -7.90	35.83 1.97 -5.72	36.41 2.04 -5.19	34.95 1.87 -7.40	35.95 1.86 -8.55	36.07 1.81 -10.50	35.83 1.55 -12.16	36.42 1.55 -13.34	35.58 1.58 -12.02	38.81 1.66 -14.70	41.28 1.64 -16.59	37.63 1.68 -11.90	37.84 1.67 -11.89	33.45 1.77 -5.63	29.04 1.47 -4.55	27.23 1.25 -4.48	24.92 1.14 -2.29
RAVENSWOOD_GT_5 24254	31.20 1.35 -8.36	28.00 1.31 -5.21	25.64 1.16 -4.44	24.66 1.03 -4.53	23.91 1.07 -1.40	25.80 1.10 -3.22	29.62 1.35 -3.20	35.11 1.66 -7.90	35.83 1.97 -5.72	36.41 2.04 -5.19	34.95 1.87 -7.40	35.95 1.86 -8.55	36.07 1.81 -10.50	35.83 1.55 -12.16	36.42 1.55 -13.34	35.58 1.58 -12.02	38.81 1.66 -14.70	41.28 1.64 -16.59	37.63 1.68 -11.90	37.84 1.67 -11.89	33.45 1.77 -5.63	29.04 1.47 -4.55	27.23 1.25 -4.48	24.92 1.14 -2.29
RAVENSWOOD_GT_6 24253	31.20 1.35 -8.36	28.00 1.31 -5.21	25.64 1.16 -4.44	24.66 1.03 -4.53	23.91 1.07 -1.40	25.80 1.10 -3.22	29.62 1.35 -3.20	35.11 1.66 -7.90	35.83 1.97 -5.72	36.41 2.04 -5.19	34.95 1.87 -7.40	35.95 1.86 -8.55	36.07 1.81 -10.50	35.83 1.55 -12.16	36.42 1.55 -13.34	35.58 1.58 -12.02	38.81 1.66 -14.70	41.28 1.64 -16.59	37.63 1.68 -11.90	37.84 1.67 -11.89	33.45 1.77 -5.63	29.04 1.47 -4.55	27.23 1.25 -4.48	24.92 1.14 -2.29
RAVENSWOOD_GT_7 24255	31.20 1.35 -8.36	28.00 1.31 -5.21	25.64 1.16 -4.44	24.66 1.03 -4.53	23.91 1.07 -1.40	25.80 1.10 -3.22	29.62 1.35 -3.20	35.11 1.66 -7.90	35.83 1.97 -5.72	36.41 2.04 -5.19	34.95 1.87 -7.40	35.95 1.86 -8.55	36.07 1.81 -10.50	35.83 1.55 -12.16	36.42 1.55 -13.34	35.58 1.58 -12.02	38.81 1.66 -14.70	41.28 1.64 -16.59	37.63 1.68 -11.90	37.84 1.67 -11.89	33.45 1.77 -5.63	29.04 1.47 -4.55	27.23 1.25 -4.48	24.92 1.14 -2.29
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	31.20 1.35 -8.36	28.00 1.31 -5.21	25.64 1.16 -4.44	24.66 1.03 -4.53	23.91 1.07 -1.40	25.78 1.07 -3.22	29.59 1.33 -3.20	35.11 1.66 -7.90	35.83 1.97 -5.72	36.41 2.04 -5.19	34.95 1.87 -7.40	35.98 1.89 -8.55	36.07 1.81 -10.50	35.83 1.55 -12.16	36.42 1.55 -13.34	35.58 1.58 -12.02	38.81 1.66 -14.70	41.28 1.64 -16.59	37.63 1.68 -11.90	37.81 1.65 -11.89	33.45 1.77 -5.63	29.02 1.45 -4.55	27.21 1.23 -4.48	24.92 1.14 -2.29
RAVENSWOOD_GT_9 24257	31.20 1.35 -8.36	28.00 1.31 -5.21	25.64 1.16 -4.44	24.66 1.03 -4.53	23.91 1.07 -1.40	25.78 1.07 -3.22	29.59 1.33 -3.20	35.11 1.66 -7.90	35.83 1.97 -5.72	36.41 2.04 -5.19	34.95 1.87 -7.40	35.98 1.89 -8.55	36.07 1.81 -10.50	35.83 1.55 -12.16	36.42 1.55 -13.34	35.58 1.58 -12.02	38.81 1.66 -14.70	41.28 1.64 -16.59	37.63 1.68 -11.90	37.81 1.65 -11.89	33.45 1.77 -5.63	29.02 1.45 -4.55	27.21 1.23 -4.48	24.92 1.14 -2.29
RAVENSWOOD___1 23533	31.23 1.38 -8.36	28.00 1.31 -5.21	25.64 1.16 -4.44	24.66 1.03 -4.53	23.83 0.99 -1.40	25.71 1.01 -3.22	29.52 1.25 -3.20	35.04 1.64 -7.86	35.85 2.00 -5.71	36.43 2.07 -5.18	35.02 1.95 -7.38	36.04 1.97 -8.54	36.16 1.88 -10.52	35.87 1.57 -12.18	36.46 1.57 -13.36	35.55 1.60 -11.97	38.76 1.68 -14.63	41.18 1.61 -16.51	37.60 1.71 -11.84	37.84 1.67 -11.89	33.39 1.72 -5.63	28.98 1.40 -4.55	27.17 1.18 -4.48	24.87 1.10 -2.29
RAVENSWOOD___2 23534	31.23 1.38 -8.36	28.00 1.31 -5.21	25.62 1.14 -4.44	24.64 1.01 -4.53	23.83 0.99 -1.40	25.69 0.99 -3.22	29.52 1.25 -3.20	35.02 1.61 -7.86	35.82 1.97 -5.71	36.43 2.07 -5.18	34.99 1.93 -7.38	36.04 1.97 -8.54	36.16 1.88 -10.52	35.87 1.57 -12.18	36.46 1.57 -13.36	35.55 1.60 -11.97	38.74 1.66 -14.63	41.18 1.61 -16.51	37.60 1.71 -11.84	37.81 1.65 -11.89	33.39 1.72 -5.63	28.98 1.40 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29
RAVENSWOOD___3 23535	31.20 1.35 -8.36	28.00 1.31 -5.21	25.64 1.16 -4.44	24.66 1.03 -4.53	23.87 1.03 -1.40	25.78 1.07 -3.22	29.59 1.33 -3.20	35.07 1.66 -7.86	35.82 1.97 -5.71	36.40 2.04 -5.18	34.94 1.87 -7.38	35.97 1.89 -8.54	36.08 1.81 -10.52	35.85 1.55 -12.18	36.44 1.55 -13.36	35.53 1.58 -11.97	38.74 1.66 -14.63	41.20 1.64 -16.51	37.57 1.68 -11.84	37.84 1.67 -11.89	33.45 1.77 -5.63	29.02 1.45 -4.55	27.21 1.23 -4.48	24.92 1.14 -2.29
RAVENSWOOD___4 23820	31.23 1.38 -8.36	28.00 1.31 -5.21	25.62 1.14 -4.44	24.64 1.01 -4.53	23.81 0.97 -1.40	25.69 0.99 -3.22	29.52 1.25 -3.20	35.02 1.61 -7.86	35.82 1.97 -5.71	36.43 2.07 -5.18	34.99 1.93 -7.38	36.02 1.94 -8.54	36.13 1.85 -10.52	35.87 1.57 -12.18	36.44 1.55 -13.36	35.53 1.58 -11.97	38.74 1.66 -14.63	41.18 1.61 -16.51	37.60 1.71 -11.84	37.81 1.65 -11.89	33.39 1.72 -5.63	28.98 1.40 -4.55	27.15 1.16 -4.48	24.85 1.07 -2.29
RCPL_TRUST___DRP 24196	31.27 1.42 -8.36	28.02 1.33 -5.21	25.66 1.18 -4.44	24.68 1.05 -4.53	23.96 1.12 -1.40	25.82 1.12 -3.22	29.64 1.38 -3.20	35.16 1.71 -7.90	35.89 2.03 -5.72	36.49 2.13 -5.19	35.00 1.93 -7.40	36.03 1.94 -8.55	36.14 1.88 -10.50	35.87 1.59 -12.16	36.46 1.59 -13.34	35.62 1.63 -12.02	38.87 1.73 -14.69	41.32 1.68 -16.59	37.68 1.73 -11.90	37.89 1.72 -11.89	33.47 1.80 -5.63	29.07 1.50 -4.55	27.25 1.27 -4.48	24.96 1.18 -2.29
RED___ROCHESTER 323720	22.34 0.28 -0.57	22.08 0.24 -0.36	20.57 0.22 -0.31	19.60 0.19 -0.31	21.69 0.15 -0.10	21.97 0.26 -0.22	25.74 0.45 -0.22	26.35 0.23 -0.58	28.74 0.17 -0.42	29.67 0.12 -0.38	26.36 0.13 -0.54	26.27 0.10 -0.63	24.73 0.19 -0.78	23.33 0.31 -0.90	22.69 0.17 -0.98	23.12 0.26 -0.88	23.69 0.16 -1.08	24.47 0.21 -1.22	25.09 0.17 -0.87	25.36 0.27 -0.82	26.77 0.34 -0.39	23.82 0.48 -0.31	22.14 0.32 -0.31	22.03 0.39 -0.16
REGAN___SOLAR 323812	34.61 2.28 -10.85	30.57 2.26 -6.83	27.92 2.06 -5.82	27.04 2.00 -5.95	25.98 2.70 -1.83	28.17 2.47 -4.22	32.32 3.06 -4.20	38.87 2.99 -10.34	38.50 2.79 -7.57	38.58 2.54 -6.87	37.66 2.18 -9.80	38.98 2.12 -11.33	39.49 1.90 -13.83	40.04 1.90 -16.01	40.94 1.85 -17.56	39.64 1.93 -15.73	43.68 2.00 -19.23	47.02 2.26 -21.71	41.97 2.36 -15.57	42.27 2.40 -15.60	36.24 2.81 -7.38	31.27 2.28 -5.96	29.33 1.96 -5.87	26.23 1.74 -3.01

RENSSELAER___COGEN 23796	32.62 0.56 -10.57	28.70 0.56 -6.66	26.23 0.52 -5.67	25.39 0.50 -5.80	23.81 0.58 -1.79	26.20 0.60 -4.11	29.94 0.78 -4.09	36.41 0.79 -10.08	36.36 0.79 -7.43	36.73 0.82 -6.74	36.04 0.75 -9.61	37.34 0.69 -11.11	37.89 0.66 -13.47	38.38 0.66 -15.59	39.23 0.60 -17.10	37.95 0.64 -15.34	41.80 0.61 -18.74	44.88 0.67 -21.16	39.92 0.70 -15.18	40.16 0.68 -15.21	34.00 0.76 -7.20	29.46 0.62 -5.82	27.70 0.47 -5.72	24.89 0.47 -2.93
REPUBLIC_115KV_BARTNBRK 55605	35.11 2.86 -10.77	31.06 2.79 -6.78	28.39 2.57 -5.78	27.48 2.48 -5.91	26.33 3.07 -1.82	28.75 3.07 -4.19	32.89 3.66 -4.17	39.57 3.73 -10.29	39.38 3.77 -7.47	39.83 3.88 -6.78	39.01 3.67 -9.66	40.23 3.52 -11.17	40.54 2.92 -13.85	40.86 2.70 -16.04	41.41 2.28 -17.59	39.84 2.20 -15.67	43.75 2.16 -19.15	47.09 2.42 -21.62	42.03 2.48 -15.50	42.43 2.67 -15.50	36.40 3.02 -7.33	31.55 2.60 -5.93	29.60 2.26 -5.83	26.71 2.23 -2.99
REVERE_CPPR_DRP 24186	22.23 0.54 -0.20	22.06 0.45 -0.13	20.53 0.38 -0.11	19.60 0.40 -0.11	22.14 0.66 -0.03	22.23 0.67 -0.08	26.05 0.90 -0.08	26.58 0.84 -0.19	29.20 0.90 -0.15	30.19 0.88 -0.14	26.62 0.74 -0.19	26.48 0.72 -0.22	24.66 0.62 -0.27	22.95 0.51 -0.32	22.29 0.41 -0.35	22.86 0.59 -0.29	23.46 0.65 -0.36	24.03 0.58 -0.41	24.96 0.63 -0.29	25.24 0.68 -0.29	26.86 0.68 -0.14	23.69 0.55 -0.11	22.05 0.43 -0.11	21.99 0.45 -0.06
REYNOLDS_115KV_TB3 80639	32.76 0.71 -10.56	28.85 0.71 -6.65	26.37 0.66 -5.67	25.54 0.65 -5.79	23.98 0.75 -1.79	26.37 0.77 -4.11	30.11 0.95 -4.09	36.61 0.97 -10.10	36.45 0.99 -7.32	36.84 1.02 -6.65	36.08 0.92 -9.47	37.36 0.87 -10.96	38.29 0.83 -13.70	38.81 0.82 -15.86	39.70 0.78 -17.40	38.16 0.81 -15.37	42.02 0.79 -18.78	45.09 0.83 -21.21	40.15 0.89 -15.21	40.35 0.87 -15.20	34.20 0.96 -7.20	29.64 0.81 -5.81	27.85 0.62 -5.72	25.06 0.64 -2.93
RIVERBAY____ 323610	31.46 1.61 -8.36	28.24 1.55 -5.21	25.84 1.36 -4.44	24.83 1.20 -4.53	24.09 1.24 -1.40	25.78 1.07 -3.22	29.62 1.35 -3.20	35.16 1.71 -7.90	35.94 2.08 -5.72	36.55 2.19 -5.19	35.13 2.05 -7.40	36.21 2.12 -8.55	36.26 2.00 -10.50	35.94 1.66 -12.16	36.48 1.61 -13.34	35.65 1.65 -12.02	38.88 1.73 -14.70	41.35 1.71 -16.59	37.73 1.78 -11.90	37.91 1.75 -11.89	33.45 1.77 -5.63	29.02 1.45 -4.55	27.25 1.27 -4.48	24.98 1.20 -2.29
RIVERSDE_115KV_TB3 55908	32.72 0.64 -10.59	28.82 0.67 -6.67	26.32 0.60 -5.68	25.49 0.59 -5.81	23.94 0.71 -1.79	26.31 0.71 -4.12	30.04 0.88 -4.10	36.58 0.92 -10.12	36.38 0.90 -7.34	36.77 0.93 -6.66	36.05 0.87 -9.49	37.33 0.82 -10.98	38.25 0.78 -13.70	38.77 0.77 -15.87	39.65 0.71 -17.40	38.13 0.75 -15.40	41.99 0.72 -18.83	45.09 0.78 -21.25	40.11 0.82 -15.24	40.31 0.80 -15.23	34.14 0.89 -7.21	29.59 0.74 -5.83	27.80 0.56 -5.73	25.00 0.58 -2.94
ROARING___BROOK_WT_PWR 323790	21.27 -0.21 0.00	21.27 -0.21 0.00	19.84 -0.20 0.00	18.94 -0.15 0.00	21.29 -0.15 0.00	21.38 -0.11 0.00	25.01 -0.05 0.00	25.52 -0.03 0.00	28.14 0.00 0.00	29.17 0.00 0.00	25.68 0.00 0.00	25.49 -0.05 0.00	23.67 -0.09 0.00	21.97 -0.15 0.00	21.32 -0.22 0.00	21.73 -0.24 0.00	22.20 -0.25 0.00	22.84 -0.21 0.00	23.85 -0.19 0.00	24.00 -0.27 0.00	25.71 -0.34 0.00	22.75 -0.28 0.00	21.25 -0.26 0.00	21.25 -0.24 0.00
ROCHESRG_115KV_T4 355643	22.12 0.06 -0.57	21.91 0.06 -0.36	20.34 0.00 -0.30	19.40 0.00 -0.31	21.50 -0.04 -0.10	21.84 0.13 -0.22	25.46 0.18 -0.22	26.01 -0.08 -0.54	28.37 -0.20 -0.42	29.29 -0.26 -0.38	26.02 -0.21 -0.54	25.93 -0.23 -0.63	24.41 -0.12 -0.77	23.01 0.00 -0.89	22.44 -0.06 -0.98	22.82 0.02 -0.82	23.35 -0.11 -1.01	24.12 -0.07 -1.14	24.74 -0.12 -0.82	25.04 -0.05 -0.82	26.43 0.00 -0.39	23.52 0.18 -0.31	21.88 0.06 -0.31	21.84 0.19 -0.16
ROCHESTER_9_IC 23652	22.23 0.17 -0.57	22.02 0.17 -0.36	20.47 0.12 -0.31	19.50 0.10 -0.31	21.63 0.09 -0.10	21.97 0.26 -0.22	25.61 0.33 -0.22	26.19 0.10 -0.55	28.57 0.00 -0.42	29.50 -0.06 -0.38	26.20 -0.03 -0.55	26.12 -0.05 -0.63	24.58 0.05 -0.77	23.18 0.15 -0.90	22.58 0.06 -0.98	22.96 0.15 -0.83	23.51 0.04 -1.01	24.27 0.07 -1.15	24.89 0.02 -0.82	25.21 0.12 -0.82	26.62 0.18 -0.39	23.68 0.35 -0.31	22.03 0.22 -0.31	21.97 0.32 -0.16
ROCKVIEW_13_KV_LD 356306	31.20 1.35 -8.36	28.02 1.33 -5.21	25.64 1.16 -4.44	24.70 1.07 -4.53	23.96 1.12 -1.40	25.86 1.16 -3.22	29.69 1.43 -3.20	35.16 1.71 -7.90	35.86 2.00 -5.72	36.46 2.10 -5.19	34.98 1.90 -7.40	36.01 1.92 -8.55	36.12 1.85 -10.50	35.88 1.59 -12.16	36.48 1.61 -13.34	35.65 1.65 -12.02	38.90 1.75 -14.70	41.40 1.75 -16.59	37.75 1.80 -11.90	37.93 1.77 -11.89	33.50 1.82 -5.63	29.07 1.50 -4.55	27.27 1.29 -4.48	24.96 1.18 -2.29
ROME_____115KV_TB2 80656	22.23 0.54 -0.20	22.06 0.45 -0.13	20.53 0.38 -0.11	19.60 0.40 -0.11	22.14 0.66 -0.03	22.23 0.67 -0.08	26.05 0.90 -0.08	26.58 0.84 -0.19	29.20 0.90 -0.15	30.19 0.88 -0.14	26.62 0.74 -0.19	26.48 0.72 -0.22	24.66 0.62 -0.27	22.95 0.51 -0.32	22.29 0.41 -0.35	22.86 0.59 -0.29	23.46 0.65 -0.36	24.03 0.58 -0.41	24.96 0.63 -0.29	25.24 0.68 -0.29	26.86 0.68 -0.14	23.69 0.55 -0.11	22.05 0.43 -0.11	21.99 0.45 -0.06
ROSETON___1 23587	30.86 1.01 -8.37	27.69 0.99 -5.21	25.38 0.90 -4.44	24.45 0.82 -4.54	23.72 0.88 -1.40	25.61 0.90 -3.22	29.37 1.10 -3.20	34.70 1.28 -7.87	35.32 1.46 -5.72	35.91 1.55 -5.19	34.44 1.36 -7.40	35.47 1.38 -8.55	35.62 1.33 -10.53	35.49 1.17 -12.19	36.07 1.16 -13.37	35.17 1.21 -11.98	38.38 1.28 -14.65	40.85 1.27 -16.54	37.20 1.30 -11.86	37.46 1.29 -11.91	33.04 1.35 -5.64	28.70 1.13 -4.55	26.96 0.97 -4.48	24.68 0.90 -2.30
ROSETON___2 23588	30.86 1.01 -8.37	27.69 0.99 -5.21	25.38 0.90 -4.44	24.45 0.82 -4.54	23.72 0.88 -1.40	25.61 0.90 -3.22	29.37 1.10 -3.20	34.70 1.28 -7.87	35.32 1.46 -5.72	35.91 1.55 -5.19	34.44 1.36 -7.40	35.47 1.38 -8.55	35.62 1.33 -10.53	35.49 1.17 -12.19	36.07 1.16 -13.37	35.17 1.21 -11.98	38.38 1.28 -14.65	40.85 1.27 -16.54	37.20 1.30 -11.86	37.46 1.29 -11.91	33.04 1.35 -5.64	28.70 1.13 -4.55	26.96 0.97 -4.48	24.68 0.90 -2.30
ROTTRDAM_115KV_TB3 80664	33.24 0.90 -10.85	29.22 0.90 -6.83	26.70 0.84 -5.82	25.84 0.80 -5.95	24.22 0.94 -1.83	26.65 0.95 -4.22	30.39 1.13 -4.20	37.08 1.18 -10.36	36.90 1.24 -7.51	37.25 1.25 -6.82	36.53 1.13 -9.72	37.88 1.10 -11.24	38.71 1.02 -13.93	39.20 0.95 -16.13	40.12 0.90 -17.69	38.67 0.92 -15.77	42.64 0.92 -19.27	45.78 0.97 -21.76	40.66 1.01 -15.60	40.89 1.02 -15.60	34.55 1.12 -7.38	29.95 0.97 -5.96	28.20 0.82 -5.87	25.31 0.82 -3.01
RUSSELL___1 23602	22.34 0.28 -0.57	22.12 0.28 -0.36	20.57 0.22 -0.31	19.60 0.19 -0.31	21.71 0.17 -0.10	22.07 0.37 -0.22	25.74 0.45 -0.22	26.32 0.23 -0.55	28.73 0.17 -0.42	29.67 0.12 -0.38	26.36 0.13 -0.55	26.27 0.10 -0.63	24.73 0.19 -0.77	23.31 0.29 -0.90	22.69 0.17 -0.98	23.07 0.26 -0.83	23.62 0.16 -1.01	24.40 0.21 -1.15	25.04 0.17 -0.82	25.36 0.27 -0.82	26.77 0.34 -0.39	23.82 0.48 -0.31	22.14 0.32 -0.31	22.07 0.43 -0.16

RUSSELL___2 23532	22.34 0.28 -0.57	22.12 0.28 -0.36	20.57 0.22 -0.31	19.60 0.19 -0.31	21.71 0.17 -0.10	22.07 0.37 -0.22	25.74 0.45 -0.22	26.32 0.23 -0.55	28.73 0.17 -0.42	29.67 0.12 -0.38	26.36 0.13 -0.55	26.27 0.10 -0.63	24.73 0.19 -0.77	23.31 0.29 -0.90	22.69 0.17 -0.98	23.07 0.26 -0.83	23.62 0.16 -1.01	24.40 0.21 -1.15	25.04 0.17 -0.82	25.36 0.27 -0.82	26.77 0.34 -0.39	23.82 0.48 -0.31	22.14 0.32 -0.31	22.07 0.43 -0.16
RUSSELL___3 23549	22.34 0.28 -0.57	22.12 0.28 -0.36	20.57 0.22 -0.31	19.60 0.19 -0.31	21.71 0.17 -0.10	22.07 0.37 -0.22	25.74 0.45 -0.22	26.32 0.23 -0.55	28.73 0.17 -0.42	29.67 0.12 -0.38	26.36 0.13 -0.55	26.27 0.10 -0.63	24.73 0.19 -0.77	23.31 0.29 -0.90	22.69 0.17 -0.98	23.07 0.26 -0.83	23.62 0.16 -1.01	24.40 0.21 -1.15	25.04 0.17 -0.82	25.36 0.27 -0.82	26.77 0.34 -0.39	23.82 0.48 -0.31	22.14 0.32 -0.31	22.07 0.43 -0.16
RUSSELL___4 23556	22.34 0.28 -0.57	22.12 0.28 -0.36	20.57 0.22 -0.31	19.60 0.19 -0.31	21.71 0.17 -0.10	22.07 0.37 -0.22	25.74 0.45 -0.22	26.32 0.23 -0.55	28.73 0.17 -0.42	29.67 0.12 -0.38	26.36 0.13 -0.55	26.27 0.10 -0.63	24.73 0.19 -0.77	23.31 0.29 -0.90	22.69 0.17 -0.98	23.07 0.26 -0.83	23.62 0.16 -1.01	24.40 0.21 -1.15	25.04 0.17 -0.82	25.36 0.27 -0.82	26.77 0.34 -0.39	23.82 0.48 -0.31	22.14 0.32 -0.31	22.07 0.43 -0.16
RUSSELL___STATION 23914	22.34 0.28 -0.57	22.12 0.28 -0.36	20.57 0.22 -0.31	19.60 0.19 -0.31	21.71 0.17 -0.10	22.07 0.37 -0.22	25.74 0.45 -0.22	26.32 0.23 -0.55	28.73 0.17 -0.42	29.67 0.12 -0.38	26.36 0.13 -0.55	26.27 0.10 -0.63	24.73 0.19 -0.77	23.31 0.29 -0.90	22.69 0.17 -0.98	23.07 0.26 -0.83	23.62 0.16 -1.01	24.40 0.21 -1.15	25.04 0.17 -0.82	25.36 0.27 -0.82	26.77 0.34 -0.39	23.82 0.48 -0.31	22.14 0.32 -0.31	22.07 0.43 -0.16
S SALMON___HYD 24043	21.99 0.13 -0.37	21.79 0.06 -0.23	20.26 0.02 -0.20	19.34 0.04 -0.20	21.64 0.13 -0.06	21.82 0.19 -0.14	25.56 0.35 -0.14	26.21 0.28 -0.38	28.67 0.25 -0.27	29.69 0.26 -0.25	26.24 0.20 -0.36	26.18 0.23 -0.41	24.44 0.17 -0.51	22.84 0.13 -0.59	22.22 0.04 -0.64	22.66 0.11 -0.58	23.27 0.11 -0.70	23.96 0.12 -0.80	24.74 0.12 -0.57	24.98 0.17 -0.54	26.43 0.13 -0.25	23.39 0.16 -0.21	21.86 0.15 -0.20	21.72 0.13 -0.10
S.PERRY___115KV_TB1 80734	23.08 0.82 -0.77	22.77 0.79 -0.48	21.13 0.68 -0.41	20.16 0.65 -0.42	22.28 0.71 -0.13	22.73 0.95 -0.30	26.57 1.20 -0.30	27.30 1.02 -0.73	29.64 0.93 -0.57	30.48 0.79 -0.52	27.03 0.62 -0.74	26.92 0.54 -0.85	25.33 0.52 -1.04	24.02 0.69 -1.21	23.44 0.58 -1.33	23.82 0.73 -1.12	24.54 0.72 -1.37	25.45 0.85 -1.54	26.02 0.87 -1.11	26.40 1.02 -1.11	27.71 1.15 -0.52	24.67 1.22 -0.42	22.85 0.92 -0.42	22.64 0.95 -0.21
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	22.04 -0.15 -0.71	21.80 -0.13 -0.44	20.16 -0.26 -0.38	19.25 -0.23 -0.39	21.26 -0.30 -0.12	21.69 -0.06 -0.27	25.21 -0.13 -0.27	25.68 -0.54 -0.67	27.88 -0.79 -0.52	28.71 -0.93 -0.47	25.56 -0.80 -0.67	25.50 -0.82 -0.78	24.07 -0.64 -0.95	22.87 -0.35 -1.10	22.40 -0.34 -1.21	22.73 -0.26 -1.02	23.25 -0.45 -1.25	24.02 -0.44 -1.41	24.48 -0.58 -1.01	24.77 -0.51 -1.01	26.05 -0.47 -0.48	23.27 -0.14 -0.39	21.65 -0.24 -0.38	21.68 0.00 -0.19
SAWYER___23_KV_LOAD 55526	22.04 -0.15 -0.71	21.80 -0.13 -0.44	20.16 -0.26 -0.38	19.25 -0.23 -0.39	21.26 -0.30 -0.12	21.69 -0.06 -0.27	25.21 -0.13 -0.27	25.68 -0.54 -0.67	27.88 -0.79 -0.52	28.71 -0.93 -0.47	25.56 -0.80 -0.67	25.50 -0.82 -0.78	24.07 -0.64 -0.95	22.87 -0.35 -1.10	22.40 -0.34 -1.21	22.73 -0.26 -1.02	23.25 -0.45 -1.25	24.02 -0.44 -1.41	24.48 -0.58 -1.01	24.77 -0.51 -1.01	26.05 -0.47 -0.48	23.27 -0.14 -0.39	21.65 -0.24 -0.38	21.68 0.00 -0.19
SELKIRK___I 23801	32.82 0.88 -10.45	28.94 0.88 -6.57	26.44 0.80 -5.60	25.60 0.78 -5.72	24.11 0.90 -1.77	26.45 0.90 -4.06	30.18 1.08 -4.04	36.55 1.07 -9.94	36.56 1.13 -7.29	36.92 1.14 -6.61	36.16 1.05 -9.43	37.46 1.02 -10.90	38.00 0.95 -13.28	38.43 0.93 -15.38	39.24 0.84 -16.87	37.98 0.88 -15.12	41.79 0.85 -18.49	44.84 0.92 -20.87	39.98 0.96 -14.97	40.22 0.95 -15.01	34.22 1.07 -7.10	29.66 0.90 -5.74	27.91 0.75 -5.65	25.13 0.75 -2.89
SELKIRK___II 23799	32.73 0.67 -10.58	28.81 0.67 -6.65	26.31 0.60 -5.67	25.48 0.59 -5.79	23.90 0.67 -1.79	26.28 0.69 -4.11	30.01 0.85 -4.09	36.48 0.87 -10.07	36.44 0.90 -7.39	36.82 0.93 -6.71	36.09 0.85 -9.56	37.41 0.82 -11.06	38.01 0.78 -13.46	38.44 0.73 -15.58	39.31 0.69 -17.09	38.02 0.72 -15.32	41.90 0.72 -18.73	44.96 0.76 -21.15	40.01 0.79 -15.17	40.24 0.78 -15.20	34.10 0.86 -7.19	29.55 0.71 -5.81	27.81 0.58 -5.72	25.00 0.58 -2.93
SENECA OSWGO___HYD 24041	22.06 0.15 -0.43	21.86 0.11 -0.27	20.33 0.06 -0.23	19.40 0.08 -0.23	21.67 0.15 -0.07	21.82 0.17 -0.17	25.51 0.28 -0.16	26.23 0.26 -0.43	28.71 0.25 -0.31	29.78 0.32 -0.28	26.37 0.28 -0.41	26.31 0.31 -0.47	24.60 0.26 -0.58	23.06 0.27 -0.67	22.46 0.19 -0.73	22.87 0.24 -0.66	23.50 0.25 -0.80	24.24 0.28 -0.91	24.94 0.24 -0.65	25.17 0.29 -0.61	26.62 0.29 -0.29	23.53 0.28 -0.23	21.95 0.22 -0.23	21.77 0.17 -0.12
SENECA___115KV_TB3 355854	22.15 -0.06 -0.73	21.90 -0.04 -0.46	20.23 -0.20 -0.39	19.34 -0.15 -0.40	21.33 -0.24 -0.12	21.79 0.02 -0.28	25.32 -0.03 -0.28	25.88 -0.36 -0.69	28.12 -0.56 -0.54	28.96 -0.70 -0.49	25.79 -0.59 -0.69	25.70 -0.64 -0.80	24.27 -0.48 -0.99	23.04 -0.22 -1.14	22.57 -0.22 -1.25	22.92 -0.11 -1.06	23.45 -0.29 -1.29	24.26 -0.25 -1.46	24.66 -0.43 -1.05	24.98 -0.34 -1.05	26.25 -0.29 -0.49	23.45 0.02 -0.40	21.79 -0.11 -0.39	21.77 0.09 -0.20
SENECA___ENERGY 23797	22.05 -0.04 -0.61	21.80 -0.06 -0.38	20.27 -0.10 -0.33	19.33 -0.09 -0.33	21.46 -0.09 -0.10	21.70 -0.02 -0.24	25.40 0.10 -0.23	26.22 0.05 -0.62	28.54 -0.06 -0.45	29.50 -0.09 -0.41	26.16 -0.10 -0.58	26.11 -0.10 -0.67	24.50 -0.09 -0.83	23.08 0.00 -0.96	22.56 -0.02 -1.05	22.99 0.07 -0.94	23.65 0.04 -1.15	24.45 0.09 -1.30	25.03 0.05 -0.93	25.24 0.10 -0.87	26.56 0.10 -0.41	23.49 0.14 -0.33	21.86 0.02 -0.33	21.65 0.00 -0.17
SHOEMAKER___GT 23640	29.51 0.88 -7.14	26.80 0.86 -4.45	24.63 0.80 -3.79	23.69 0.73 -3.87	23.39 0.75 -1.20	25.03 0.80 -2.75	28.78 0.98 -2.73	33.40 1.15 -6.71	34.28 1.27 -4.87	34.91 1.31 -4.42	33.14 1.16 -6.30	33.98 1.15 -7.29	33.85 1.12 -8.97	33.49 0.97 -10.39	33.90 0.97 -11.40	33.22 1.03 -10.21	36.01 1.08 -12.48	38.23 1.08 -14.09	35.26 1.11 -10.11	35.55 1.12 -10.16	32.00 1.14 -4.81	27.88 0.97 -3.89	26.17 0.84 -3.83	24.22 0.77 -1.96
SHOEMAKR_138KV_BK 111 55601	29.40 0.86 -7.06	26.74 0.86 -4.39	24.57 0.78 -3.74	23.63 0.71 -3.83	23.37 0.75 -1.18	24.99 0.79 -2.71	28.72 0.95 -2.70	33.34 1.12 -6.67	34.23 1.27 -4.82	34.86 1.31 -4.37	33.05 1.13 -6.23	33.89 1.15 -7.21	33.73 1.12 -8.85	33.32 0.95 -10.25	33.74 0.97 -11.24	33.14 1.01 -10.15	35.93 1.08 -12.40	38.14 1.08 -14.01	35.20 1.11 -10.04	35.40 1.09 -10.04	31.94 1.15 -4.75	27.83 0.97 -3.84	26.10 0.82 -3.78	24.17 0.75 -1.94

SHOREHAM_IC_1 23715	35.26 2.45 -11.32	30.13 2.41 -6.24	30.73 2.22 -8.47	27.92 2.04 -6.78	25.02 2.16 -1.42	26.92 2.21 -3.22	32.30 2.73 -4.51	36.38 2.96 -7.88	37.02 3.15 -5.72	37.80 3.38 -5.24	36.14 2.88 -7.58	37.11 2.88 -8.68	37.18 2.76 -10.66	38.66 2.50 -14.04	37.42 2.52 -13.37	36.82 2.57 -12.28	39.88 2.72 -14.71	42.43 2.79 -16.59	38.79 2.84 -11.91	38.99 2.81 -11.91	36.86 2.92 -7.90	35.04 2.49 -9.53	31.48 2.37 -7.61	28.60 2.34 -4.77
SHOREHAM_IC_2 23716	35.26 2.45 -11.32	30.13 2.41 -6.24	30.73 2.22 -8.47	27.92 2.04 -6.78	25.02 2.16 -1.42	26.92 2.21 -3.22	32.30 2.73 -4.51	36.38 2.96 -7.88	37.02 3.15 -5.72	37.80 3.38 -5.24	36.14 2.88 -7.58	37.11 2.88 -8.68	37.18 2.76 -10.66	38.66 2.50 -14.04	37.42 2.52 -13.37	36.82 2.57 -12.28	39.88 2.72 -14.71	42.43 2.79 -16.59	38.79 2.84 -11.91	38.99 2.81 -11.91	36.86 2.92 -7.90	35.04 2.49 -9.53	31.48 2.37 -7.61	28.60 2.34 -4.77
SISSONVILLE____ 23735	20.88 -0.60 0.00	20.82 -0.67 0.00	19.50 -0.54 0.00	18.60 -0.50 0.00	20.97 -0.47 0.00	20.95 -0.54 0.00	24.41 -0.65 0.00	24.80 -0.74 0.00	27.38 -0.76 0.00	28.39 -0.79 0.00	25.04 -0.64 0.00	24.90 -0.64 0.00	23.07 -0.69 0.00	21.42 -0.71 0.00	20.80 -0.73 0.00	21.23 -0.75 0.00	21.73 -0.72 0.00	22.34 -0.71 0.00	23.40 -0.65 0.00	23.57 -0.70 0.00	25.34 -0.70 0.00	22.29 -0.74 0.00	20.80 -0.71 0.00	20.80 -0.69 0.00
SITHE_IND_GS1 24169	21.30 -0.52 -0.33	21.18 -0.52 -0.21	19.72 -0.50 -0.18	18.80 -0.48 -0.18	20.98 -0.51 -0.06	21.10 -0.52 -0.13	24.64 -0.55 -0.13	25.27 -0.61 -0.33	27.68 -0.70 -0.24	28.67 -0.73 -0.22	25.36 -0.64 -0.31	25.26 -0.64 -0.36	23.64 -0.57 -0.45	22.13 -0.51 -0.52	21.58 -0.52 -0.57	21.98 -0.50 -0.51	22.53 -0.54 -0.62	23.22 -0.53 -0.70	23.97 -0.58 -0.50	24.19 -0.56 -0.47	25.67 -0.60 -0.22	22.72 -0.48 -0.18	21.23 -0.45 -0.18	21.13 -0.45 -0.09
SITHE_IND_GS2 24170	21.30 -0.52 -0.33	21.18 -0.52 -0.21	19.72 -0.50 -0.18	18.80 -0.48 -0.18	20.98 -0.51 -0.06	21.10 -0.52 -0.13	24.64 -0.55 -0.13	25.27 -0.61 -0.33	27.68 -0.70 -0.24	28.67 -0.73 -0.22	25.36 -0.64 -0.31	25.26 -0.64 -0.36	23.64 -0.57 -0.45	22.13 -0.51 -0.52	21.58 -0.52 -0.57	21.98 -0.50 -0.51	22.53 -0.54 -0.62	23.22 -0.53 -0.70	23.97 -0.58 -0.50	24.19 -0.56 -0.47	25.67 -0.60 -0.22	22.72 -0.48 -0.18	21.23 -0.45 -0.18	21.13 -0.45 -0.09
SITHE_IND_GS3 24171	21.30 -0.52 -0.33	21.18 -0.52 -0.21	19.72 -0.50 -0.18	18.80 -0.48 -0.18	20.98 -0.51 -0.06	21.10 -0.52 -0.13	24.64 -0.55 -0.13	25.27 -0.61 -0.33	27.68 -0.70 -0.24	28.67 -0.73 -0.22	25.36 -0.64 -0.31	25.26 -0.64 -0.36	23.64 -0.57 -0.45	22.13 -0.51 -0.52	21.58 -0.52 -0.57	21.98 -0.50 -0.51	22.53 -0.54 -0.62	23.22 -0.53 -0.70	23.97 -0.58 -0.50	24.19 -0.56 -0.47	25.67 -0.60 -0.22	22.72 -0.48 -0.18	21.23 -0.45 -0.18	21.13 -0.45 -0.09
SITHE_IND_GS4 24172	21.30 -0.52 -0.33	21.18 -0.52 -0.21	19.72 -0.50 -0.18	18.80 -0.48 -0.18	20.98 -0.51 -0.06	21.10 -0.52 -0.13	24.64 -0.55 -0.13	25.27 -0.61 -0.33	27.68 -0.70 -0.24	28.67 -0.73 -0.22	25.36 -0.64 -0.31	25.26 -0.64 -0.36	23.64 -0.57 -0.45	22.13 -0.51 -0.52	21.58 -0.52 -0.57	21.98 -0.50 -0.51	22.53 -0.54 -0.62	23.22 -0.53 -0.70	23.97 -0.58 -0.50	24.19 -0.56 -0.47	25.67 -0.60 -0.22	22.72 -0.48 -0.18	21.23 -0.45 -0.18	21.13 -0.45 -0.09
SITHE____BATAVIA 24024	22.51 0.39 -0.64	22.21 0.32 -0.40	20.66 0.28 -0.34	19.69 0.25 -0.35	21.81 0.26 -0.11	22.08 0.34 -0.25	25.91 0.60 -0.25	26.45 0.26 -0.65	28.73 0.11 -0.47	29.57 -0.03 -0.43	26.27 -0.03 -0.61	26.16 -0.08 -0.70	24.70 0.07 -0.87	23.41 0.29 -1.00	22.80 0.17 -1.10	23.25 0.28 -0.99	23.77 0.11 -1.20	24.57 0.16 -1.36	25.14 0.12 -0.98	25.43 0.24 -0.92	26.84 0.36 -0.43	23.95 0.58 -0.35	22.22 0.37 -0.35	22.13 0.47 -0.18
SITHE____INDEPEND 23800	21.30 -0.52 -0.33	21.18 -0.52 -0.21	19.72 -0.50 -0.18	18.80 -0.48 -0.18	20.98 -0.51 -0.06	21.14 -0.47 -0.13	24.64 -0.55 -0.13	25.25 -0.61 -0.31	27.68 -0.70 -0.24	28.66 -0.73 -0.22	25.35 -0.64 -0.31	25.26 -0.64 -0.36	23.64 -0.57 -0.45	22.13 -0.51 -0.52	21.58 -0.52 -0.57	21.95 -0.51 -0.48	22.50 -0.54 -0.59	23.18 -0.53 -0.66	23.95 -0.58 -0.47	24.19 -0.56 -0.47	25.67 -0.60 -0.22	22.72 -0.48 -0.18	21.23 -0.45 -0.18	21.13 -0.45 -0.09
SITHE____MASSENA 23902	21.19 -0.30 0.00	21.19 -0.30 0.00	19.82 -0.22 0.00	18.88 -0.21 0.00	21.25 -0.19 0.00	21.23 -0.26 0.00	24.66 -0.40 0.00	25.09 -0.46 0.00	27.69 -0.45 0.00	28.71 -0.47 0.00	25.32 -0.36 0.00	25.18 -0.36 0.00	23.38 -0.38 0.00	21.75 -0.38 0.00	21.16 -0.37 0.00	21.56 -0.42 0.00	22.02 -0.43 0.00	22.64 -0.41 0.00	23.69 -0.36 0.00	23.86 -0.41 0.00	25.68 -0.36 0.00	22.63 -0.39 0.00	21.16 -0.34 0.00	21.16 -0.32 0.00
SITHE____OGDNSBRG 24021	21.23 -0.26 0.00	21.19 -0.30 0.00	19.84 -0.20 0.00	18.92 -0.17 0.00	21.31 -0.13 0.00	21.31 -0.17 0.00	24.84 -0.23 0.00	25.24 -0.31 0.00	27.86 -0.28 0.00	28.85 -0.32 0.00	25.45 -0.23 0.00	25.31 -0.23 0.00	23.45 -0.31 0.00	21.79 -0.33 0.00	21.19 -0.34 0.00	21.62 -0.35 0.00	22.14 -0.31 0.00	22.75 -0.30 0.00	23.83 -0.22 0.00	24.03 -0.24 0.00	25.84 -0.21 0.00	22.70 -0.32 0.00	21.18 -0.32 0.00	21.14 -0.34 0.00
SITHE____STERLING 23777	22.15 0.43 -0.23	22.02 0.39 -0.15	20.50 0.34 -0.12	19.56 0.34 -0.13	22.02 0.54 -0.04	22.11 0.54 -0.09	25.88 0.73 -0.09	26.47 0.69 -0.23	29.05 0.73 -0.17	30.03 0.70 -0.15	26.49 0.59 -0.22	26.38 0.59 -0.25	24.58 0.50 -0.31	22.93 0.44 -0.36	22.29 0.37 -0.40	22.82 0.48 -0.36	23.43 0.54 -0.44	24.03 0.48 -0.49	24.91 0.51 -0.35	25.16 0.56 -0.33	26.75 0.55 -0.16	23.61 0.46 -0.13	22.00 0.37 -0.12	21.94 0.39 -0.06
SLEIGHT__34_KV_TB1 80719	22.58 0.52 -0.58	22.34 0.49 -0.36	20.75 0.40 -0.31	19.81 0.40 -0.31	22.03 0.49 -0.10	22.31 0.60 -0.22	26.06 0.78 -0.22	26.83 0.74 -0.55	29.33 0.76 -0.43	30.41 0.85 -0.39	26.95 0.72 -0.55	26.92 0.74 -0.64	25.24 0.69 -0.78	23.74 0.71 -0.91	23.11 0.58 -0.99	23.47 0.66 -0.83	24.12 0.65 -1.02	24.92 0.71 -1.15	25.57 0.70 -0.82	25.87 0.78 -0.82	27.24 0.81 -0.39	24.10 0.76 -0.32	22.40 0.58 -0.31	22.18 0.54 -0.16
SOUTH CAIRO____GT 23612	32.76 1.31 -9.97	29.06 1.31 -6.26	26.55 1.18 -5.33	25.69 1.15 -5.45	24.50 1.37 -1.68	26.85 1.50 -3.87	30.77 1.85 -3.85	36.84 1.84 -9.45	36.79 1.72 -6.93	37.16 1.69 -6.29	36.22 1.57 -8.97	37.41 1.51 -10.37	37.85 1.45 -12.64	38.13 1.37 -14.63	38.79 1.20 -16.05	37.57 1.21 -14.39	41.23 1.19 -17.59	44.29 1.38 -19.86	39.73 1.44 -14.24	40.07 1.51 -14.30	34.45 1.64 -6.77	29.85 1.36 -5.47	28.01 1.12 -5.38	25.27 1.03 -2.76
SOUTH HAMPTN____IC 23720	35.65 2.84 -11.32	30.51 2.79 -6.24	31.10 2.59 -8.47	28.24 2.37 -6.78	25.35 2.49 -1.42	27.26 2.56 -3.22	32.73 3.16 -4.51	36.87 3.45 -7.88	37.58 3.71 -5.72	38.41 4.00 -5.24	36.70 3.44 -7.57	37.69 3.47 -8.68	37.70 3.28 -10.66	39.14 2.99 -14.03	37.89 2.99 -13.37	37.28 3.03 -12.28	40.37 3.21 -14.71	42.91 3.27 -16.59	39.29 3.34 -11.90	39.48 3.30 -11.91	37.35 3.41 -7.90	35.44 2.92 -9.49	31.84 2.73 -7.60	28.92 2.66 -4.77

SOUTHDOW_115KV_TB1 355954	22.63 0.37 -0.78	22.36 0.39 -0.49	20.64 0.18 -0.42	19.73 0.21 -0.43	21.83 0.26 -0.13	22.30 0.52 -0.30	25.99 0.63 -0.30	26.77 0.49 -0.74	29.08 0.37 -0.57	29.99 0.29 -0.52	26.68 0.26 -0.74	26.60 0.20 -0.86	25.03 0.21 -1.06	23.74 0.40 -1.22	23.26 0.39 -1.34	23.59 0.48 -1.13	24.19 0.36 -1.38	25.00 0.39 -1.56	25.38 0.22 -1.12	25.68 0.29 -1.12	26.97 0.39 -0.53	24.12 0.67 -0.43	22.38 0.45 -0.42	22.24 0.54 -0.22
SOUTHOLD_69_KV_BK 2 55809	36.05 3.24 -11.32	30.90 3.18 -6.24	31.46 2.95 -8.47	28.58 2.71 -6.78	25.80 2.94 -1.42	27.65 2.94 -3.22	33.21 3.63 -4.51	37.39 3.93 -7.91	38.21 4.33 -5.73	39.06 4.64 -5.25	37.28 4.03 -7.57	38.27 4.03 -8.70	38.21 3.80 -10.64	39.61 3.47 -14.02	38.35 3.47 -13.35	37.85 3.54 -12.33	40.96 3.73 -14.78	43.51 3.80 -16.66	39.91 3.90 -11.96	40.06 3.88 -11.91	37.98 4.04 -7.90	35.90 3.38 -9.49	32.21 3.10 -7.60	29.28 3.03 -4.77
SOUTHOLD___IC 23719	36.05 3.24 -11.32	30.90 3.18 -6.24	31.46 2.95 -8.47	28.58 2.71 -6.78	25.78 2.92 -1.42	27.62 2.92 -3.22	33.20 3.63 -4.51	37.35 3.93 -7.88	38.14 4.28 -5.72	39.05 4.64 -5.24	37.29 4.03 -7.57	38.25 4.03 -8.68	38.22 3.80 -10.66	39.65 3.49 -14.03	38.37 3.47 -13.37	37.79 3.54 -12.28	40.89 3.73 -14.71	43.44 3.80 -16.59	39.85 3.90 -11.90	40.04 3.86 -11.91	37.93 3.98 -7.90	35.90 3.39 -9.49	32.21 3.10 -7.60	29.26 3.01 -4.77
SPIERFLS_115KV_TB 1 80737	33.57 1.31 -10.78	29.56 1.29 -6.79	27.03 1.20 -5.78	26.19 1.18 -5.91	24.66 1.39 -1.82	27.12 1.44 -4.19	30.97 1.73 -4.17	37.63 1.79 -10.30	37.42 1.80 -7.47	37.79 1.84 -6.78	37.07 1.72 -9.67	38.37 1.66 -11.18	38.91 1.28 -13.86	39.43 1.26 -16.05	40.15 1.01 -17.60	38.55 0.90 -15.68	42.49 0.88 -19.16	45.70 1.01 -21.63	40.62 1.06 -15.51	40.87 1.09 -15.51	34.61 1.22 -7.34	30.10 1.15 -5.93	28.29 0.95 -5.84	25.53 1.05 -2.99
ST LAWRENCE____ 23600	21.06 -0.43 0.00	21.06 -0.43 0.00	19.70 -0.34 0.00	18.75 -0.34 0.00	21.08 -0.36 0.00	21.08 -0.41 0.00	24.49 -0.58 0.00	24.93 -0.61 0.00	27.50 -0.65 0.00	28.50 -0.67 0.00	25.14 -0.54 0.00	25.00 -0.54 0.00	23.22 -0.55 0.00	21.62 -0.51 0.00	21.06 -0.47 0.00	21.43 -0.55 0.00	21.91 -0.54 0.00	22.50 -0.55 0.00	23.54 -0.51 0.00	23.71 -0.56 0.00	25.47 -0.57 0.00	22.47 -0.55 0.00	21.05 -0.45 0.00	21.03 -0.45 0.00
STATE_CA_115KV_115_LB 55624	32.79 0.67 -10.64	28.87 0.69 -6.70	26.37 0.62 -5.71	25.52 0.59 -5.83	23.97 0.73 -1.80	26.35 0.73 -4.14	30.08 0.90 -4.12	36.65 0.95 -10.16	36.47 0.96 -7.37	36.86 0.99 -6.69	36.14 0.92 -9.53	37.43 0.87 -11.03	38.31 0.81 -13.74	38.83 0.80 -15.90	39.69 0.71 -17.45	38.19 0.75 -15.47	42.07 0.72 -18.90	45.18 0.78 -21.34	40.17 0.82 -15.31	40.37 0.80 -15.30	34.17 0.89 -7.24	29.61 0.74 -5.85	27.85 0.58 -5.76	25.02 0.58 -2.95
STATE_ST_34_KV_LOAD 55959	22.41 0.32 -0.61	22.21 0.34 -0.38	20.60 0.24 -0.32	19.67 0.25 -0.33	21.72 0.17 -0.10	22.11 0.39 -0.23	25.80 0.50 -0.23	26.61 0.49 -0.58	29.04 0.45 -0.45	30.11 0.53 -0.41	26.67 0.41 -0.58	26.64 0.43 -0.67	24.97 0.38 -0.83	23.50 0.42 -0.96	22.92 0.34 -1.05	23.29 0.44 -0.88	23.95 0.43 -1.07	24.77 0.51 -1.21	25.37 0.46 -0.87	25.67 0.53 -0.87	27.00 0.55 -0.41	23.88 0.53 -0.33	22.24 0.41 -0.33	22.02 0.37 -0.17
STATION 5_MISC_HYD 23604	22.23 0.17 -0.57	22.00 0.15 -0.36	20.47 0.12 -0.31	19.50 0.10 -0.31	21.60 0.06 -0.10	21.86 0.15 -0.22	25.61 0.32 -0.22	26.23 0.10 -0.58	28.57 0.00 -0.42	29.50 -0.06 -0.38	26.20 -0.03 -0.54	26.12 -0.05 -0.63	24.59 0.05 -0.78	23.20 0.18 -0.90	22.58 0.06 -0.98	23.01 0.15 -0.88	23.57 0.04 -1.08	24.34 0.07 -1.22	24.97 0.05 -0.87	25.21 0.12 -0.82	26.62 0.18 -0.39	23.68 0.35 -0.31	22.03 0.22 -0.31	21.92 0.28 -0.16
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	22.26 0.19 -0.58	22.04 0.19 -0.36	20.49 0.14 -0.31	19.54 0.13 -0.31	21.71 0.17 -0.10	22.01 0.30 -0.22	25.69 0.40 -0.22	26.35 0.26 -0.55	28.77 0.20 -0.42	29.70 0.15 -0.39	26.36 0.13 -0.55	26.30 0.13 -0.63	24.71 0.17 -0.78	23.27 0.24 -0.90	22.65 0.13 -0.99	23.05 0.24 -0.83	23.63 0.16 -1.02	24.41 0.21 -1.15	25.07 0.19 -0.83	25.36 0.27 -0.83	26.75 0.31 -0.39	23.75 0.41 -0.32	22.08 0.26 -0.31	21.92 0.28 -0.16
STA_56_34_KV_BUS2_REV_LBMP_B 345033	22.10 0.04 -0.57	21.86 0.02 -0.36	20.32 -0.02 -0.30	19.38 -0.02 -0.31	21.48 -0.06 -0.10	21.81 0.11 -0.22	25.43 0.15 -0.22	26.04 -0.05 -0.54	28.42 -0.14 -0.42	29.35 -0.20 -0.38	26.07 -0.15 -0.54	25.99 -0.18 -0.63	24.46 -0.07 -0.77	23.06 0.04 -0.89	22.44 -0.06 -0.98	22.82 0.02 -0.82	23.37 -0.09 -1.01	24.14 -0.05 -1.14	24.77 -0.10 -0.82	25.06 -0.02 -0.82	26.48 0.05 -0.39	23.54 0.21 -0.31	21.88 0.06 -0.31	21.82 0.17 -0.16
STA_56___34_KV_BUS2 355983	22.10 0.04 -0.57	21.86 0.02 -0.36	20.32 -0.02 -0.30	19.38 -0.02 -0.31	21.48 -0.06 -0.10	21.81 0.11 -0.22	25.43 0.15 -0.22	26.04 -0.05 -0.54	28.42 -0.14 -0.42	29.35 -0.20 -0.38	26.07 -0.15 -0.54	25.99 -0.18 -0.63	24.46 -0.07 -0.77	23.06 0.04 -0.89	22.44 -0.06 -0.98	22.82 0.02 -0.82	23.37 -0.09 -1.01	24.14 -0.05 -1.14	24.77 -0.10 -0.82	25.06 -0.02 -0.82	26.48 0.05 -0.39	23.54 0.21 -0.31	21.88 0.06 -0.31	21.82 0.17 -0.16
STA_67___115KV_BK2 355882	22.19 0.13 -0.57	21.97 0.13 -0.36	20.43 0.08 -0.31	19.46 0.06 -0.31	21.58 0.04 -0.10	21.92 0.21 -0.22	25.56 0.28 -0.22	26.12 0.03 -0.54	28.51 -0.06 -0.42	29.41 -0.15 -0.38	26.12 -0.10 -0.54	26.04 -0.13 -0.63	24.51 -0.02 -0.77	23.13 0.11 -0.90	22.53 0.02 -0.98	22.91 0.11 -0.83	23.44 -0.02 -1.01	24.22 0.02 -1.14	24.84 -0.02 -0.82	25.14 0.05 -0.82	26.54 0.10 -0.39	23.64 0.30 -0.31	21.97 0.15 -0.31	21.92 0.28 -0.16
STA_7___115KV_9TRANS 80674	22.34 0.28 -0.57	22.12 0.28 -0.36	20.57 0.22 -0.31	19.60 0.19 -0.31	21.71 0.17 -0.10	22.07 0.37 -0.22	25.74 0.45 -0.22	26.32 0.23 -0.55	28.73 0.17 -0.42	29.67 0.12 -0.38	26.36 0.13 -0.55	26.27 0.10 -0.63	24.73 0.19 -0.77	23.31 0.29 -0.90	22.69 0.17 -0.98	23.07 0.26 -0.83	23.62 0.16 -1.01	24.40 0.21 -1.15	25.04 0.17 -0.82	25.36 0.27 -0.82	26.77 0.34 -0.39	23.82 0.48 -0.31	22.14 0.32 -0.31	22.07 0.43 -0.16
STA_82___115KV_TB1 80780	22.21 0.15 -0.58	22.00 0.15 -0.36	20.45 0.10 -0.31	19.48 0.08 -0.31	21.58 0.04 -0.10	21.95 0.24 -0.22	25.59 0.30 -0.22	26.14 0.05 -0.55	28.54 -0.03 -0.42	29.44 -0.12 -0.38	26.15 -0.08 -0.55	26.07 -0.10 -0.63	24.54 0.00 -0.78	23.16 0.13 -0.90	22.54 0.02 -0.99	22.94 0.13 -0.83	23.47 0.00 -1.02	24.25 0.05 -1.15	24.87 0.00 -0.82	25.17 0.07 -0.82	26.57 0.13 -0.39	23.64 0.30 -0.32	21.99 0.17 -0.31	21.92 0.28 -0.16
STEEL___WIND 323596	22.13 -0.09 -0.73	21.84 -0.11 -0.46	20.21 -0.22 -0.39	19.30 -0.19 -0.40	21.31 -0.26 -0.12	21.62 -0.15 -0.28	25.30 -0.05 -0.28	25.90 -0.38 -0.74	28.09 -0.59 -0.54	28.93 -0.73 -0.49	25.73 -0.64 -0.69	25.68 -0.66 -0.80	24.25 -0.50 -0.99	23.07 -0.20 -1.14	22.55 -0.24 -1.25	22.95 -0.15 -1.12	23.51 -0.31 -1.37	24.33 -0.28 -1.55	24.70 -0.46 -1.11	24.93 -0.39 -1.05	26.20 -0.34 -0.49	23.42 0.00 -0.40	21.77 -0.13 -0.39	21.69 0.00 -0.20

STEPHTWN_115KV_BK_2 55603	32.96 0.90 -10.57	29.05 0.90 -6.66	26.53 0.82 -5.67	25.69 0.80 -5.80	24.22 0.99 -1.79	26.59 0.99 -4.11	30.41 1.25 -4.09	36.92 1.28 -10.10	36.76 1.29 -7.33	37.14 1.31 -6.65	36.39 1.23 -9.48	37.62 1.12 -10.96	38.49 1.07 -13.66	38.96 1.02 -15.82	39.80 0.93 -17.35	38.32 0.97 -15.38	42.16 0.92 -18.79	45.31 1.04 -21.22	40.35 1.08 -15.22	40.55 1.07 -15.21	34.42 1.17 -7.20	29.81 0.97 -5.82	28.01 0.77 -5.72	25.17 0.75 -2.93
STEUBEN_REC_LFGE 323667	22.87 0.43 -0.95	22.53 0.45 -0.60	20.83 0.28 -0.51	19.90 0.29 -0.52	21.97 0.36 -0.16	22.43 0.58 -0.37	26.18 0.75 -0.37	27.06 0.61 -0.91	29.30 0.45 -0.70	30.22 0.41 -0.64	26.90 0.31 -0.91	26.85 0.26 -1.05	25.32 0.26 -1.29	24.06 0.44 -1.50	23.56 0.39 -1.64	23.84 0.48 -1.38	24.56 0.43 -1.69	25.48 0.53 -1.90	25.85 0.43 -1.36	26.19 0.56 -1.36	27.32 0.63 -0.65	24.28 0.74 -0.52	22.52 0.49 -0.51	22.24 0.49 -0.26
STONY__BROOK 24151	35.14 2.32 -11.33	30.02 2.30 -6.24	30.61 2.10 -8.47	27.80 1.93 -6.78	24.83 1.97 -1.42	26.79 2.08 -3.22	32.15 2.58 -4.51	36.24 2.81 -7.88	36.88 3.01 -5.73	37.76 3.32 -5.26	36.10 2.83 -7.60	37.04 2.81 -8.69	37.09 2.66 -10.67	38.56 2.39 -14.04	37.30 2.39 -13.38	36.76 2.48 -12.30	39.74 2.56 -14.73	42.26 2.60 -16.61	38.67 2.69 -11.93	38.78 2.60 -11.91	36.73 2.76 -7.92	35.20 2.39 -9.79	31.41 2.28 -7.63	28.47 2.21 -4.77
STURGEON_POOL_HYD 23609	30.99 0.95 -8.56	27.78 0.95 -5.35	25.42 0.82 -4.56	24.49 0.74 -4.66	23.72 0.84 -1.44	25.63 0.84 -3.30	29.35 1.00 -3.29	34.89 1.23 -8.11	35.34 1.35 -5.84	35.88 1.40 -5.31	34.50 1.26 -7.56	35.58 1.30 -8.74	35.89 1.35 -10.77	35.72 1.13 -12.47	36.37 1.16 -13.68	35.47 1.14 -12.35	38.76 1.21 -15.09	41.32 1.22 -17.04	37.52 1.25 -12.22	37.72 1.24 -12.22	33.08 1.25 -5.78	28.75 1.06 -4.67	27.01 0.90 -4.60	24.66 0.82 -2.36
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	29.84 0.92 -7.43	27.04 0.92 -4.63	24.81 0.82 -3.95	23.87 0.74 -4.03	23.52 0.84 -1.24	25.16 0.82 -2.86	28.91 1.00 -2.85	33.80 1.23 -7.03	34.60 1.38 -5.08	35.24 1.46 -4.61	33.54 1.28 -6.57	34.44 1.30 -7.60	34.35 1.26 -9.33	34.01 1.08 -10.80	34.48 1.10 -11.85	33.81 1.14 -10.69	36.73 1.21 -13.07	39.01 1.20 -14.76	35.86 1.23 -10.58	36.06 1.21 -10.58	32.30 1.25 -5.01	28.13 1.06 -4.05	26.37 0.88 -3.98	24.34 0.82 -2.04
SWANROAD_115KV_TB1 355699	21.82 -0.34 -0.68	21.59 -0.32 -0.43	19.96 -0.44 -0.36	19.06 -0.40 -0.37	21.07 -0.49 -0.11	21.47 -0.28 -0.26	24.95 -0.38 -0.26	25.35 -0.84 -0.65	27.52 -1.13 -0.50	28.34 -1.28 -0.45	25.23 -1.10 -0.65	25.14 -1.15 -0.75	23.76 -0.93 -0.92	22.57 -0.62 -1.07	22.08 -0.62 -1.17	22.43 -0.53 -0.99	22.92 -0.74 -1.21	23.65 -0.76 -1.36	24.13 -0.89 -0.98	24.42 -0.83 -0.98	25.73 -0.78 -0.46	23.00 -0.39 -0.37	21.40 -0.47 -0.37	21.48 -0.19 -0.19
SYNERGY__BIOGAS 323694	22.51 0.39 -0.64	22.21 0.32 -0.40	20.66 0.28 -0.34	19.69 0.25 -0.35	21.81 0.26 -0.11	22.08 0.34 -0.25	25.91 0.60 -0.25	26.45 0.26 -0.65	28.73 0.11 -0.47	29.57 -0.03 -0.43	26.27 -0.03 -0.61	26.16 -0.08 -0.70	24.70 0.07 -0.87	23.41 0.29 -1.00	22.80 0.17 -1.10	23.25 0.28 -0.99	23.77 0.11 -1.20	24.57 0.16 -1.36	25.14 0.12 -0.98	25.43 0.24 -0.92	26.84 0.36 -0.43	23.95 0.58 -0.35	22.22 0.37 -0.35	22.13 0.47 -0.18
SYRACUSE__ENERGY_ST1 323597	22.05 0.06 -0.50	21.84 0.04 -0.31	20.31 0.00 -0.27	19.36 0.00 -0.27	21.57 0.04 -0.08	21.76 0.09 -0.19	25.41 0.15 -0.19	26.14 0.13 -0.47	28.59 0.08 -0.37	29.62 0.12 -0.33	26.26 0.10 -0.47	26.21 0.13 -0.55	24.53 0.10 -0.67	23.06 0.15 -0.78	22.47 0.09 -0.85	22.83 0.13 -0.72	23.44 0.11 -0.88	24.20 0.16 -0.99	24.86 0.10 -0.71	25.15 0.17 -0.71	26.54 0.16 -0.34	23.48 0.18 -0.27	21.88 0.11 -0.27	21.71 0.09 -0.14
SYRACUSE__ENERGY_ST2 323598	22.05 0.06 -0.50	21.84 0.04 -0.31	20.31 0.00 -0.27	19.36 0.00 -0.27	21.57 0.04 -0.08	21.76 0.09 -0.19	25.41 0.15 -0.19	26.14 0.13 -0.47	28.59 0.08 -0.37	29.62 0.12 -0.33	26.26 0.10 -0.47	26.21 0.13 -0.55	24.53 0.10 -0.67	23.06 0.15 -0.78	22.47 0.09 -0.85	22.83 0.13 -0.72	23.44 0.11 -0.88	24.20 0.16 -0.99	24.86 0.10 -0.71	25.15 0.17 -0.71	26.54 0.16 -0.34	23.48 0.18 -0.27	21.88 0.11 -0.27	21.71 0.09 -0.14
SYRACUSE__POWER 24017	21.95 -0.06 -0.52	21.75 -0.06 -0.33	20.20 -0.12 -0.28	19.28 -0.10 -0.29	21.42 -0.11 -0.09	21.67 -0.02 -0.20	25.27 0.00 -0.20	26.02 -0.03 -0.50	28.47 -0.06 -0.39	29.47 -0.06 -0.35	26.13 -0.05 -0.50	26.06 -0.05 -0.58	24.43 -0.05 -0.71	22.97 0.02 -0.82	22.39 -0.04 -0.90	22.73 0.00 -0.76	23.38 0.00 -0.93	24.12 0.02 -1.05	24.77 -0.02 -0.75	25.04 0.02 -0.75	26.40 0.00 -0.36	23.36 0.05 -0.29	21.79 0.00 -0.28	21.61 -0.02 -0.14
TALLMAN__138KV_BK151 55660	30.37 1.10 -7.79	27.41 1.07 -4.85	25.11 0.94 -4.13	24.18 0.86 -4.22	23.67 0.92 -1.30	25.43 0.95 -3.00	29.20 1.15 -2.98	34.28 1.38 -7.36	35.07 1.60 -5.32	35.70 1.69 -4.83	34.08 1.52 -6.89	35.03 1.53 -7.96	35.01 1.47 -9.78	34.73 1.28 -11.32	35.26 1.31 -12.42	34.52 1.34 -11.20	37.58 1.44 -13.69	39.94 1.43 -15.46	36.58 1.44 -11.09	36.76 1.41 -11.08	32.77 1.48 -5.24	28.50 1.24 -4.24	26.71 1.03 -4.17	24.57 0.95 -2.14
TEALLAVE_115KV_TB7 355573	21.80 -0.13 -0.44	21.63 -0.13 -0.28	20.09 -0.18 -0.23	19.18 -0.15 -0.24	21.37 -0.15 -0.07	21.57 -0.09 -0.17	25.16 -0.08 -0.17	25.86 -0.10 -0.42	28.33 -0.14 -0.32	29.32 -0.15 -0.29	25.97 -0.13 -0.42	25.92 -0.10 -0.48	24.26 -0.10 -0.59	22.77 -0.04 -0.69	22.17 -0.11 -0.75	22.54 -0.07 -0.64	23.16 -0.07 -0.78	23.86 -0.07 -0.88	24.56 -0.12 -0.63	24.83 -0.07 -0.63	26.24 -0.10 -0.30	23.24 -0.02 -0.24	21.68 -0.06 -0.24	21.54 -0.06 -0.12
TELGRAPH_34_KV_EAST 80808	22.23 0.09 -0.66	21.98 0.09 -0.41	20.37 -0.02 -0.35	19.43 -0.02 -0.36	21.51 -0.04 -0.11	21.93 0.19 -0.25	25.52 0.20 -0.25	25.96 -0.20 -0.62	28.23 -0.39 -0.48	29.09 -0.53 -0.44	25.84 -0.46 -0.62	25.75 -0.51 -0.72	24.32 -0.33 -0.89	23.06 -0.09 -1.03	22.53 -0.13 -1.13	22.90 -0.02 -0.95	23.39 -0.22 -1.16	24.18 -0.18 -1.31	24.70 -0.29 -0.94	25.02 -0.19 -0.94	26.36 -0.13 -0.44	23.57 0.18 -0.36	21.88 0.02 -0.35	21.90 0.24 -0.18
TEMPLE__115KV_TB 2 55572	21.80 -0.13 -0.45	21.64 -0.13 -0.28	20.12 -0.16 -0.24	19.18 -0.15 -0.24	21.37 -0.15 -0.08	21.57 -0.09 -0.17	25.16 -0.08 -0.17	25.87 -0.10 -0.42	28.33 -0.14 -0.33	29.35 -0.12 -0.30	26.00 -0.10 -0.42	25.92 -0.10 -0.49	24.27 -0.10 -0.60	22.80 -0.02 -0.70	22.21 -0.09 -0.77	22.58 -0.04 -0.64	23.17 -0.07 -0.79	23.89 -0.05 -0.89	24.59 -0.10 -0.64	24.86 -0.05 -0.64	26.27 -0.08 -0.30	23.24 -0.02 -0.24	21.68 -0.06 -0.24	21.54 -0.06 -0.12
TIANA__69_KV_BK 1 55817	35.52 2.71 -11.32	30.39 2.66 -6.24	30.98 2.46 -8.47	28.12 2.25 -6.78	25.28 2.42 -1.42	27.17 2.47 -3.22	32.60 3.03 -4.51	36.75 3.30 -7.91	37.45 3.57 -5.73	38.22 3.79 -5.25	36.51 3.26 -7.57	37.53 3.29 -8.70	37.54 3.14 -10.64	38.97 2.83 -14.02	37.72 2.84 -13.35	37.21 2.90 -12.33	40.28 3.05 -14.78	42.82 3.11 -16.66	39.18 3.17 -11.96	39.36 3.18 -11.91	37.25 3.31 -7.90	35.30 2.79 -9.49	31.74 2.62 -7.60	28.81 2.56 -4.77

TILDEN___115KV_TB1 80814	21.95 -0.06 -0.52	21.75 -0.06 -0.33	20.20 -0.12 -0.28	19.28 -0.10 -0.29	21.42 -0.11 -0.09	21.67 -0.02 -0.20	25.27 0.00 -0.20	26.02 -0.03 -0.50	28.47 -0.06 -0.39	29.47 -0.06 -0.35	26.13 -0.05 -0.50	26.06 -0.05 -0.58	24.43 -0.05 -0.71	22.97 0.02 -0.82	22.39 -0.04 -0.90	22.73 0.00 -0.76	23.38 0.00 -0.93	24.12 0.02 -1.05	24.77 -0.02 -0.75	25.04 0.02 -0.75	26.40 0.00 -0.36	23.36 0.05 -0.29	21.79 0.00 -0.28	21.61 -0.02 -0.14
TRIGEN___CC 323695	34.43 1.63 -11.31	29.33 1.61 -6.24	29.97 1.46 -8.47	27.21 1.34 -6.78	24.28 1.42 -1.42	26.16 1.46 -3.22	31.33 1.75 -4.51	35.47 2.02 -7.90	36.12 2.25 -5.72	36.85 2.48 -5.19	35.34 2.13 -7.53	36.37 2.15 -8.69	36.44 2.04 -10.63	37.95 1.81 -14.01	36.70 1.83 -13.34	36.09 1.87 -12.25	39.13 1.95 -14.72	41.61 1.96 -16.60	37.97 2.02 -11.90	38.13 1.97 -11.90	35.97 2.08 -7.84	32.48 1.75 -7.71	30.60 1.57 -7.52	27.76 1.50 -4.77
TRINITY__115KV__4 BK 55933	32.68 0.60 -10.59	28.76 0.60 -6.67	26.26 0.54 -5.68	25.43 0.53 -5.81	23.88 0.64 -1.79	26.25 0.64 -4.12	29.99 0.83 -4.10	36.51 0.84 -10.12	36.33 0.84 -7.34	36.68 0.85 -6.66	35.97 0.80 -9.49	37.26 0.74 -10.98	38.16 0.71 -13.68	38.67 0.71 -15.84	39.55 0.65 -17.38	38.06 0.68 -15.40	41.93 0.65 -18.82	45.00 0.69 -21.25	40.01 0.72 -15.24	40.23 0.73 -15.23	34.06 0.81 -7.21	29.49 0.64 -5.83	27.74 0.49 -5.73	24.94 0.52 -2.94
UNION___PROCESSING_DRP 323587	22.21 0.15 -0.58	22.00 0.15 -0.36	20.45 0.10 -0.31	19.48 0.08 -0.31	21.60 0.06 -0.10	21.95 0.24 -0.22	25.59 0.30 -0.22	26.14 0.05 -0.55	28.54 -0.03 -0.42	29.47 -0.09 -0.38	26.18 -0.05 -0.55	26.09 -0.08 -0.63	24.56 0.02 -0.78	23.16 0.13 -0.90	22.56 0.04 -0.99	22.94 0.13 -0.83	23.49 0.02 -1.02	24.25 0.05 -1.15	24.87 0.00 -0.83	25.17 0.07 -0.82	26.59 0.16 -0.39	23.66 0.32 -0.32	22.01 0.19 -0.31	21.95 0.30 -0.16
UPPER HUDSON___HYD 24058	33.57 1.31 -10.78	29.56 1.29 -6.79	27.03 1.20 -5.78	26.19 1.18 -5.91	24.64 1.37 -1.82	27.12 1.44 -4.19	30.97 1.73 -4.17	37.61 1.79 -10.28	37.48 1.80 -7.53	37.85 1.84 -6.84	37.15 1.72 -9.75	38.47 1.66 -11.27	38.80 1.28 -13.76	39.31 1.26 -15.93	40.01 1.01 -17.47	38.52 0.90 -15.64	42.44 0.87 -19.11	45.65 1.01 -21.58	40.58 1.06 -15.48	40.87 1.09 -15.51	34.61 1.22 -7.34	30.10 1.15 -5.93	28.29 0.95 -5.84	25.53 1.05 -2.99
UPPER RAQUET___HYD 24056	20.88 -0.60 0.00	20.84 -0.64 0.00	19.50 -0.54 0.00	18.60 -0.50 0.00	20.99 -0.45 0.00	20.99 -0.49 0.00	24.41 -0.65 0.00	24.80 -0.74 0.00	27.39 -0.76 0.00	28.39 -0.79 0.00	25.04 -0.64 0.00	24.90 -0.64 0.00	23.07 -0.69 0.00	21.42 -0.71 0.00	20.80 -0.73 0.00	21.23 -0.75 0.00	21.73 -0.72 0.00	22.34 -0.71 0.00	23.40 -0.65 0.00	23.57 -0.70 0.00	25.34 -0.70 0.00	22.28 -0.74 0.00	20.80 -0.71 0.00	20.80 -0.69 0.00
VALLEY44_115KV_TB2 355964	21.47 -0.82 -0.80	21.19 -0.79 -0.50	19.56 -0.90 -0.43	18.71 -0.82 -0.43	20.61 -0.96 -0.13	21.11 -0.69 -0.31	24.54 -0.83 -0.31	25.28 -1.02 -0.76	27.44 -1.29 -0.59	28.28 -1.43 -0.53	25.18 -1.26 -0.76	25.11 -1.30 -0.88	23.70 -1.14 -1.08	22.53 -0.84 -1.25	22.12 -0.78 -1.37	22.45 -0.68 -1.15	23.07 -0.79 -1.41	23.84 -0.81 -1.59	24.15 -1.03 -1.14	24.41 -1.00 -1.14	25.62 -0.96 -0.54	22.91 -0.55 -0.44	21.25 -0.69 -0.43	21.08 -0.62 -0.22
VALLEY___115KV_TB 1-4 80826	21.64 0.15 0.00	21.66 0.17 0.00	20.20 0.16 0.00	19.26 0.17 0.00	21.74 0.30 0.00	21.72 0.24 0.00	25.37 0.30 0.00	25.85 0.31 0.00	28.48 0.34 0.00	29.52 0.35 0.00	25.96 0.28 0.00	25.79 0.26 0.00	23.98 0.21 0.00	22.26 0.13 0.00	21.62 0.09 0.00	22.09 0.11 0.00	22.56 0.11 0.00	23.12 0.07 0.00	24.12 0.07 0.00	24.34 0.07 0.00	26.15 0.10 0.00	23.11 0.09 0.00	21.59 0.09 0.00	21.59 0.11 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	24.45 0.95 -2.02	23.67 0.92 -1.26	21.92 0.80 -1.07	20.99 0.80 -1.10	22.73 0.94 -0.34	23.34 1.07 -0.78	27.19 1.35 -0.77	28.79 1.33 -1.91	31.11 1.46 -1.51	32.06 1.52 -1.37	28.94 1.31 -1.95	29.09 1.30 -2.25	27.74 1.21 -2.77	26.39 1.06 -3.20	26.01 0.97 -3.51	26.05 1.16 -2.91	27.22 1.21 -3.56	28.24 1.18 -4.02	28.16 1.23 -2.88	28.48 1.33 -2.88	28.81 1.41 -1.36	25.27 1.15 -1.10	23.54 0.95 -1.08	22.92 0.88 -0.56
VISCHER___FERRY HYD 24020	33.02 0.90 -10.63	29.12 0.92 -6.71	26.62 0.86 -5.71	25.77 0.84 -5.84	24.21 0.97 -1.80	26.62 0.99 -4.14	30.39 1.20 -4.12	36.92 1.23 -10.15	36.90 1.30 -7.46	37.26 1.31 -6.77	36.52 1.18 -9.65	37.90 1.20 -11.16	38.49 1.12 -13.61	38.99 1.11 -15.76	39.83 1.01 -17.29	38.42 0.99 -15.45	42.32 0.99 -18.88	45.43 1.06 -21.32	40.45 1.11 -15.29	40.71 1.12 -15.32	34.50 1.20 -7.25	29.89 1.01 -5.86	28.11 0.84 -5.77	25.30 0.86 -2.95
V_A_10_SYNC_DSASP 323832	21.98 -0.13 -0.63	21.73 -0.15 -0.39	20.17 -0.20 -0.33	19.24 -0.19 -0.34	21.29 -0.26 -0.11	21.56 -0.17 -0.24	25.21 -0.10 -0.24	25.72 -0.46 -0.63	27.93 -0.68 -0.46	28.80 -0.79 -0.42	25.61 -0.67 -0.59	25.51 -0.71 -0.69	24.09 -0.52 -0.85	22.84 -0.26 -0.98	22.28 -0.32 -1.07	22.70 -0.24 -0.96	23.22 -0.40 -1.18	23.99 -0.39 -1.33	24.49 -0.51 -0.95	24.70 -0.46 -0.90	26.05 -0.42 -0.42	23.25 -0.11 -0.34	21.65 -0.19 -0.34	21.64 -0.02 -0.17
V_CMM_10_SYNC_DSASP 323787	21.12 -0.37 0.00	21.12 -0.37 0.00	19.76 -0.28 0.00	18.81 -0.29 0.00	21.16 -0.28 0.00	21.14 -0.34 0.00	24.56 -0.50 0.00	24.98 -0.56 0.00	27.58 -0.56 0.00	28.59 -0.58 0.00	25.22 -0.46 0.00	25.08 -0.46 0.00	23.29 -0.48 0.00	21.68 -0.44 0.00	21.10 -0.43 0.00	21.49 -0.48 0.00	21.96 -0.49 0.00	22.57 -0.49 0.00	23.59 -0.46 0.00	23.78 -0.49 0.00	25.58 -0.47 0.00	22.54 -0.48 0.00	21.10 -0.41 0.00	21.10 -0.39 0.00
V_CMP_10_SYNC_DSASP 323788	21.87 0.39 0.00	21.79 0.30 0.00	20.44 0.40 0.00	19.44 0.34 0.00	21.83 0.39 0.00	21.94 0.45 0.00	25.57 0.50 0.00	25.65 0.10 0.00	28.40 0.25 0.00	29.44 0.26 0.00	26.02 0.33 0.00	25.89 0.36 0.00	23.95 0.19 0.00	22.30 0.18 0.00	21.64 0.11 0.00	22.04 0.07 0.00	22.56 0.11 0.00	23.21 0.16 0.00	24.62 0.58 0.00	24.71 0.44 0.00	26.54 0.49 0.00	23.25 0.23 0.00	21.64 0.13 0.00	21.64 0.15 0.00
V_E_10_SYNC_DSASP 323830	24.25 1.38 -1.39	23.69 1.33 -0.87	21.92 1.14 -0.74	21.05 1.20 -0.76	23.20 1.52 -0.23	23.65 1.63 -0.54	27.83 2.23 -0.53	29.31 2.04 -1.72	31.48 2.08 -1.25	32.26 1.95 -1.13	28.89 1.59 -1.62	28.94 1.53 -1.87	27.42 1.35 -2.30	26.02 1.24 -2.66	25.57 1.12 -2.92	26.04 1.45 -2.62	27.27 1.62 -3.20	28.30 1.64 -3.61	28.42 1.78 -2.59	28.24 1.99 -1.98	29.07 2.08 -0.94	25.53 1.75 -0.76	23.65 1.40 -0.75	23.14 1.27 -0.38
V_F_30_NSYNC___DSASP 323816	33.55 1.31 -10.76	29.55 1.29 -6.78	27.02 1.20 -5.77	26.16 1.16 -5.90	24.62 1.35 -1.82	27.05 1.38 -4.19	30.91 1.68 -4.17	37.52 1.71 -10.26	37.44 1.77 -7.52	37.81 1.81 -6.83	37.06 1.65 -9.73	38.40 1.61 -11.26	38.93 1.43 -13.74	39.43 1.39 -15.91	40.20 1.23 -17.45	38.80 1.21 -15.61	42.72 1.19 -19.08	45.89 1.29 -21.55	40.87 1.37 -15.45	41.13 1.38 -15.48	34.91 1.54 -7.33	30.25 1.31 -5.92	28.47 1.14 -5.83	25.61 1.14 -2.98

V_F_30_SYNC_DSASP 323786	32.78 0.67 -10.63	28.85 0.67 -6.69	26.37 0.62 -5.70	25.51 0.59 -5.83	23.97 0.73 -1.80	26.35 0.73 -4.13	30.08 0.90 -4.12	36.65 0.95 -10.16	36.44 0.93 -7.37	36.82 0.96 -6.69	36.14 0.92 -9.53	37.43 0.87 -11.02	38.30 0.81 -13.73	38.82 0.80 -15.90	39.68 0.71 -17.44	38.18 0.75 -15.46	42.07 0.72 -18.90	45.17 0.78 -21.34	40.17 0.82 -15.30	40.36 0.80 -15.29	34.17 0.89 -7.24	29.61 0.74 -5.85	27.82 0.56 -5.76	25.01 0.58 -2.95
V_XM_10_SYNC_DSASP 323789	21.87 0.39 0.00	21.79 0.30 0.00	20.44 0.40 0.00	19.44 0.34 0.00	21.83 0.39 0.00	21.94 0.45 0.00	25.57 0.50 0.00	25.65 0.10 0.00	28.40 0.25 0.00	29.44 0.26 0.00	26.02 0.33 0.00	25.89 0.36 0.00	23.95 0.19 0.00	22.30 0.18 0.00	21.64 0.11 0.00	22.04 0.07 0.00	22.56 0.11 0.00	23.21 0.16 0.00	24.62 0.58 0.00	24.71 0.44 0.00	26.54 0.49 0.00	23.25 0.23 0.00	21.64 0.13 0.00	21.64 0.15 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	30.51 1.16 -7.87	27.52 1.14 -4.90	25.22 1.00 -4.17	24.28 0.92 -4.27	23.75 0.99 -1.32	25.52 1.01 -3.03	29.30 1.23 -3.01	34.46 1.48 -7.43	35.24 1.72 -5.38	35.83 1.78 -4.88	34.26 1.62 -6.96	35.22 1.63 -8.04	35.21 1.57 -9.88	34.91 1.35 -11.44	35.45 1.38 -12.54	34.72 1.43 -11.31	37.78 1.50 -13.83	40.16 1.50 -15.61	36.78 1.54 -11.20	36.97 1.50 -11.19	32.90 1.56 -5.30	28.61 1.31 -4.28	26.84 1.12 -4.21	24.65 1.01 -2.16
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	31.27 1.42 -8.36	28.02 1.33 -5.21	25.66 1.18 -4.44	24.68 1.05 -4.53	23.96 1.12 -1.40	25.82 1.12 -3.22	29.64 1.38 -3.20	35.16 1.71 -7.90	35.89 2.03 -5.72	36.49 2.13 -5.19	35.00 1.93 -7.40	36.03 1.94 -8.55	36.14 1.88 -10.50	35.87 1.59 -12.16	36.46 1.59 -13.34	35.62 1.63 -12.02	38.87 1.73 -14.69	41.32 1.68 -16.59	37.68 1.73 -11.90	37.89 1.72 -11.89	33.47 1.80 -5.63	29.07 1.50 -4.55	27.25 1.27 -4.48	24.96 1.18 -2.29
W50THST__13_KV_LOAD 356117	31.37 1.53 -8.36	28.15 1.46 -5.21	25.78 1.30 -4.44	24.79 1.16 -4.53	24.06 1.22 -1.40	25.95 1.25 -3.22	29.79 1.53 -3.20	35.31 1.86 -7.90	36.08 2.22 -5.72	36.70 2.33 -5.19	35.21 2.13 -7.40	36.24 2.15 -8.55	36.33 2.07 -10.50	36.05 1.77 -12.16	36.63 1.77 -13.34	35.80 1.80 -12.02	39.03 1.89 -14.69	41.51 1.87 -16.59	37.87 1.92 -11.90	38.03 1.87 -11.89	33.63 1.95 -5.63	29.21 1.63 -4.55	27.38 1.40 -4.48	25.07 1.29 -2.29
WADING RIVER_IC_1 23522	35.28 2.47 -11.32	30.13 2.41 -6.24	30.73 2.22 -8.47	27.92 2.04 -6.78	25.02 2.16 -1.42	26.92 2.21 -3.22	32.33 2.76 -4.51	36.41 2.99 -7.88	37.04 3.18 -5.72	37.83 3.41 -5.24	36.18 2.93 -7.57	37.16 2.94 -8.68	37.20 2.78 -10.66	38.70 2.54 -14.03	37.44 2.54 -13.37	36.84 2.59 -12.28	39.90 2.74 -14.71	42.45 2.81 -16.59	38.81 2.86 -11.90	39.01 2.84 -11.91	36.88 2.94 -7.90	35.02 2.51 -9.49	31.50 2.39 -7.60	28.60 2.34 -4.77
WADING RIVER_IC_2 23547	35.28 2.47 -11.32	30.13 2.41 -6.24	30.73 2.22 -8.47	27.92 2.04 -6.78	25.02 2.16 -1.42	26.92 2.21 -3.22	32.33 2.76 -4.51	36.41 2.99 -7.88	37.04 3.18 -5.72	37.83 3.41 -5.24	36.18 2.93 -7.57	37.16 2.94 -8.68	37.20 2.78 -10.66	38.70 2.54 -14.03	37.44 2.54 -13.37	36.84 2.59 -12.28	39.90 2.74 -14.71	42.45 2.81 -16.59	38.81 2.86 -11.90	39.01 2.84 -11.91	36.88 2.94 -7.90	35.02 2.51 -9.49	31.50 2.39 -7.60	28.60 2.34 -4.77
WADING RIVER_IC_3 23601	35.28 2.47 -11.32	30.13 2.41 -6.24	30.73 2.22 -8.47	27.92 2.04 -6.78	25.02 2.16 -1.42	26.92 2.21 -3.22	32.33 2.76 -4.51	36.41 2.99 -7.88	37.04 3.18 -5.72	37.83 3.41 -5.24	36.18 2.93 -7.57	37.16 2.94 -8.68	37.20 2.78 -10.66	38.70 2.54 -14.03	37.44 2.54 -13.37	36.84 2.59 -12.28	39.90 2.74 -14.71	42.45 2.81 -16.59	38.81 2.86 -11.90	39.01 2.84 -11.91	36.88 2.94 -7.90	35.02 2.51 -9.49	31.50 2.39 -7.60	28.60 2.34 -4.77
WALDENNY_12_KV_BK2 80841	22.17 -0.04 -0.73	21.92 -0.02 -0.45	20.25 -0.18 -0.39	19.34 -0.15 -0.40	21.35 -0.21 -0.12	21.81 0.04 -0.28	25.34 0.00 -0.28	25.88 -0.36 -0.69	28.11 -0.56 -0.53	28.99 -0.67 -0.48	25.81 -0.57 -0.69	25.72 -0.61 -0.80	24.29 -0.45 -0.98	23.08 -0.18 -1.13	22.58 -0.19 -1.24	22.94 -0.09 -1.05	23.46 -0.27 -1.28	24.25 -0.25 -1.45	24.68 -0.41 -1.04	24.97 -0.34 -1.04	26.25 -0.29 -0.49	23.44 0.02 -0.40	21.79 -0.11 -0.39	21.77 0.09 -0.20
WALDEN__HYDRO 24148	30.52 1.10 -7.94	27.51 1.07 -4.95	25.22 0.96 -4.22	24.28 0.88 -4.31	23.72 0.94 -1.33	25.53 0.99 -3.06	29.31 1.20 -3.04	34.41 1.40 -7.46	35.08 1.52 -5.42	35.67 1.57 -4.92	34.08 1.39 -7.01	35.05 1.40 -8.11	35.10 1.35 -9.98	34.85 1.17 -11.56	35.39 1.18 -12.67	34.61 1.27 -11.36	37.68 1.35 -13.88	40.08 1.36 -15.67	36.68 1.39 -11.24	36.98 1.41 -11.30	32.85 1.46 -5.35	28.56 1.22 -4.32	26.79 1.03 -4.25	24.61 0.94 -2.18
WARRENSBURG____ 23737	33.57 1.31 -10.78	29.56 1.29 -6.79	27.03 1.20 -5.78	26.19 1.18 -5.91	24.64 1.37 -1.82	27.12 1.44 -4.19	30.97 1.73 -4.17	37.61 1.79 -10.28	37.48 1.80 -7.53	37.85 1.84 -6.84	37.15 1.72 -9.75	38.47 1.66 -11.27	38.80 1.28 -13.76	39.31 1.26 -15.93	40.01 1.01 -17.47	38.52 0.90 -15.64	42.44 0.87 -19.11	45.65 1.01 -21.58	40.58 1.06 -15.48	40.87 1.09 -15.51	34.61 1.22 -7.34	30.10 1.15 -5.93	28.29 0.95 -5.84	25.53 1.05 -2.99
WATERSIDE____6 8 9 23538	31.22 1.38 -8.36	28.00 1.31 -5.21	25.62 1.14 -4.44	24.64 1.01 -4.53	23.85 1.01 -1.40	25.71 1.01 -3.22	29.52 1.25 -3.20	35.05 1.61 -7.90	35.83 1.97 -5.72	36.43 2.07 -5.19	35.00 1.93 -7.40	36.03 1.94 -8.55	36.12 1.85 -10.50	35.85 1.57 -12.16	36.42 1.55 -13.34	35.58 1.58 -12.02	38.81 1.66 -14.70	41.28 1.64 -16.59	37.65 1.71 -11.90	37.81 1.65 -11.89	33.39 1.72 -5.63	28.98 1.40 -4.55	27.15 1.16 -4.48	24.85 1.07 -2.29
WATKINRD_115KV_LN8_ILLION 55919	21.64 0.15 0.00	21.66 0.17 0.00	20.18 0.14 0.00	19.25 0.15 0.00	21.68 0.24 0.00	21.70 0.21 0.00	25.34 0.28 0.00	25.83 0.28 0.00	28.45 0.31 0.00	29.47 0.29 0.00	25.94 0.26 0.00	25.77 0.23 0.00	23.98 0.21 0.00	22.28 0.15 0.00	21.64 0.11 0.00	22.13 0.15 0.00	22.61 0.16 0.00	23.19 0.14 0.00	24.19 0.14 0.00	24.42 0.15 0.00	26.20 0.16 0.00	23.16 0.14 0.00	21.64 0.13 0.00	21.61 0.13 0.00
WATSON__69_KV_BK 1 55734	35.25 2.45 -11.32	30.13 2.41 -6.24	30.71 2.20 -8.47	27.91 2.04 -6.78	25.05 2.19 -1.42	26.94 2.23 -3.22	32.25 2.68 -4.51	36.37 2.91 -7.91	37.08 3.21 -5.72	37.81 3.41 -5.22	36.19 2.95 -7.55	37.22 2.99 -8.69	37.26 2.85 -10.64	38.73 2.59 -14.01	37.42 2.54 -13.35	36.84 2.57 -12.29	39.89 2.69 -14.75	42.42 2.74 -16.63	38.79 2.81 -11.93	39.04 2.86 -11.90	36.91 3.00 -7.87	34.92 2.53 -9.36	31.44 2.37 -7.56	28.60 2.34 -4.77
WDELAWARE__HYD 323627	29.19 0.84 -6.87	26.59 0.82 -4.29	24.41 0.72 -3.65	23.48 0.65 -3.73	23.30 0.71 -1.15	24.91 0.77 -2.65	28.65 0.95 -2.64	33.01 1.18 -6.29	33.95 1.24 -4.57	34.58 1.25 -4.15	32.65 1.05 -5.91	33.45 1.07 -6.84	33.22 1.04 -8.41	32.75 0.89 -9.74	33.13 0.93 -10.68	32.58 1.03 -9.57	35.27 1.12 -11.69	37.38 1.13 -13.20	34.67 1.15 -9.47	35.21 1.14 -9.79	31.83 1.14 -4.64	27.71 0.94 -3.75	25.99 0.80 -3.69	24.06 0.69 -1.89

WEST BABYLON___IC 23714	35.06 2.26 -11.32	29.96 2.23 -6.24	30.55 2.04 -8.47	27.76 1.89 -6.78	24.90 2.04 -1.42	26.77 2.06 -3.22	32.03 2.46 -4.51	36.13 2.68 -7.90	36.82 2.96 -5.72	37.52 3.15 -5.20	35.94 2.72 -7.53	36.98 2.76 -8.69	37.04 2.64 -10.64	38.50 2.37 -14.01	37.24 2.37 -13.34	36.63 2.40 -12.26	39.72 2.54 -14.73	42.24 2.58 -16.61	38.58 2.62 -11.91	38.81 2.65 -11.90	36.73 2.84 -7.85	33.72 2.39 -8.31	31.26 2.22 -7.53	28.42 2.17 -4.77
WEST CANADA___HYD 24049	21.57 0.09 0.00	21.57 0.09 0.00	20.10 0.06 0.00	19.17 0.08 0.00	21.55 0.11 0.00	21.59 0.11 0.00	25.22 0.15 0.00	25.70 0.15 0.00	28.31 0.17 0.00	29.35 0.18 0.00	25.84 0.16 0.00	25.67 0.13 0.00	23.88 0.12 0.00	22.21 0.09 0.00	21.62 0.09 0.00	22.06 0.09 0.00	22.54 0.09 0.00	23.14 0.09 0.00	24.14 0.10 0.00	24.37 0.10 0.00	26.15 0.10 0.00	23.11 0.09 0.00	21.57 0.06 0.00	21.55 0.06 0.00
WESTERN_NY_WIND 24143	22.50 0.36 -0.65	22.19 0.30 -0.41	20.65 0.26 -0.35	19.68 0.23 -0.35	21.79 0.24 -0.11	22.06 0.32 -0.25	25.89 0.58 -0.25	26.40 0.20 -0.65	28.68 0.06 -0.47	29.52 -0.09 -0.43	26.22 -0.08 -0.61	26.12 -0.13 -0.71	24.66 0.02 -0.87	23.40 0.27 -1.01	22.79 0.15 -1.11	23.23 0.26 -1.00	23.76 0.09 -1.22	24.56 0.14 -1.37	25.13 0.10 -0.98	25.39 0.19 -0.93	26.80 0.31 -0.44	23.91 0.53 -0.35	22.20 0.34 -0.35	22.12 0.45 -0.18
WESTOVER___LESR 323668	22.95 0.11 -1.36	22.44 0.11 -0.85	20.79 0.02 -0.73	19.87 0.04 -0.74	21.72 0.04 -0.23	22.16 0.15 -0.53	25.79 0.20 -0.52	26.99 0.15 -1.29	29.27 0.11 -1.01	30.18 0.09 -0.92	27.04 0.05 -1.31	27.10 0.05 -1.51	25.69 0.07 -1.85	24.40 0.13 -2.15	24.01 0.13 -2.35	24.14 0.20 -1.97	25.06 0.20 -2.40	25.97 0.21 -2.71	26.14 0.14 -1.95	26.41 0.19 -1.94	27.17 0.21 -0.92	24.04 0.28 -0.74	22.41 0.17 -0.73	21.99 0.13 -0.38
WETHRSFD_WT_PWR 323626	22.26 -0.04 -0.82	21.91 -0.09 -0.51	20.32 -0.16 -0.44	19.41 -0.13 -0.45	21.39 -0.19 -0.14	21.74 -0.06 -0.32	25.43 0.05 -0.32	26.14 -0.23 -0.83	28.32 -0.42 -0.60	29.16 -0.56 -0.54	25.97 -0.49 -0.78	25.90 -0.54 -0.90	24.44 -0.43 -1.11	23.25 -0.15 -1.28	22.72 -0.22 -1.40	23.10 -0.13 -1.26	23.72 -0.27 -1.54	24.56 -0.23 -1.74	24.96 -0.34 -1.24	25.17 -0.27 -1.17	26.39 -0.21 -0.55	23.54 0.07 -0.45	21.88 -0.06 -0.44	21.73 0.02 -0.23
WHAVSTOR_138KV_BK127 55557	30.44 1.07 -7.88	27.45 1.05 -4.91	25.16 0.94 -4.18	24.21 0.84 -4.27	23.66 0.90 -1.32	25.44 0.92 -3.03	29.21 1.13 -3.02	34.37 1.38 -7.45	35.14 1.60 -5.39	35.76 1.69 -4.89	34.17 1.52 -6.97	35.10 1.51 -8.06	35.13 1.47 -9.89	34.84 1.26 -11.46	35.39 1.29 -12.57	34.65 1.34 -11.34	37.72 1.41 -13.86	40.10 1.41 -15.64	36.71 1.44 -11.22	36.89 1.41 -11.21	32.81 1.46 -5.31	28.53 1.22 -4.29	26.76 1.03 -4.22	24.59 0.95 -2.16
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	30.44 1.07 -7.88	27.45 1.05 -4.91	25.16 0.94 -4.18	24.21 0.84 -4.27	23.66 0.90 -1.32	25.44 0.92 -3.03	29.21 1.13 -3.02	34.37 1.38 -7.45	35.14 1.60 -5.39	35.76 1.69 -4.89	34.17 1.52 -6.97	35.10 1.51 -8.06	35.13 1.47 -9.89	34.84 1.26 -11.46	35.39 1.29 -12.57	34.65 1.34 -11.34	37.72 1.41 -13.86	40.10 1.41 -15.64	36.71 1.44 -11.22	36.89 1.41 -11.21	32.81 1.46 -5.31	28.53 1.22 -4.29	26.76 1.03 -4.22	24.59 0.95 -2.16
WHITEHAL_115KV_TB1 80871	34.30 2.04 -10.77	30.27 2.00 -6.78	27.66 1.84 -5.78	26.79 1.79 -5.91	25.37 2.10 -1.82	27.89 2.21 -4.19	31.89 2.66 -4.17	38.55 2.71 -10.29	38.34 2.73 -7.47	38.72 2.77 -6.78	37.94 2.59 -9.66	39.21 2.50 -11.17	39.66 2.04 -13.85	40.11 1.95 -16.04	40.76 1.64 -17.59	39.20 1.56 -15.67	43.13 1.53 -19.15	46.38 1.71 -21.62	41.33 1.78 -15.50	41.63 1.87 -15.50	35.49 2.11 -7.33	30.81 1.86 -5.93	28.93 1.59 -5.83	26.09 1.61 -2.99
WHITEPLN_13_KV_LOAD 356215	31.19 1.38 -8.33	28.01 1.33 -5.19	25.64 1.18 -4.42	24.70 1.09 -4.52	24.06 1.22 -1.39	25.89 1.20 -3.20	29.73 1.48 -3.19	35.15 1.74 -7.87	35.87 2.03 -5.70	36.47 2.13 -5.17	35.00 1.95 -7.37	36.00 1.94 -8.52	36.13 1.90 -10.46	35.90 1.66 -12.11	36.48 1.66 -13.29	35.67 1.71 -11.98	38.91 1.82 -14.64	41.38 1.80 -16.53	37.75 1.85 -11.86	37.94 1.82 -11.85	33.50 1.85 -5.61	29.07 1.52 -4.53	27.28 1.31 -4.46	24.97 1.20 -2.28
WM_FLOYD_69_KV_BK2 356380	35.22 2.41 -11.32	30.09 2.36 -6.24	30.69 2.18 -8.47	27.86 1.99 -6.78	25.03 2.17 -1.42	26.87 2.17 -3.22	32.25 2.68 -4.51	36.37 2.91 -7.91	37.03 3.15 -5.73	37.75 3.33 -5.25	36.08 2.83 -7.57	37.09 2.86 -8.70	37.12 2.71 -10.65	38.60 2.46 -14.02	37.36 2.48 -13.35	36.84 2.53 -12.33	39.88 2.65 -14.78	42.43 2.72 -16.66	38.78 2.77 -11.96	38.94 2.77 -11.91	36.84 2.89 -7.90	34.96 2.42 -9.52	31.43 2.32 -7.61	28.55 2.30 -4.77
WOODARD___115KV_TB2 355635	21.79 -0.15 -0.45	21.62 -0.15 -0.28	20.10 -0.18 -0.24	19.17 -0.17 -0.25	21.35 -0.17 -0.08	21.55 -0.11 -0.17	25.14 -0.10 -0.17	25.84 -0.13 -0.43	28.31 -0.17 -0.33	29.33 -0.15 -0.30	25.96 -0.15 -0.43	25.90 -0.13 -0.49	24.25 -0.12 -0.61	22.76 -0.07 -0.70	22.19 -0.11 -0.77	22.54 -0.09 -0.65	23.16 -0.09 -0.79	23.88 -0.07 -0.90	24.57 -0.12 -0.64	24.82 -0.10 -0.64	26.25 -0.10 -0.30	23.22 -0.05 -0.25	21.66 -0.09 -0.24	21.52 -0.09 -0.12
YORK___WARBASSE 23770	31.27 1.42 -8.36	28.05 1.35 -5.21	25.66 1.18 -4.44	24.66 1.03 -4.53	23.85 1.01 -1.40	25.69 0.99 -3.22	29.47 1.20 -3.20	35.08 1.63 -7.90	35.89 2.03 -5.72	36.49 2.13 -5.19	35.08 2.00 -7.40	36.13 2.04 -8.55	36.21 1.95 -10.50	35.90 1.62 -12.16	36.50 1.64 -13.34	35.65 1.65 -12.02	38.90 1.75 -14.70	41.39 1.75 -16.59	37.75 1.80 -11.90	37.94 1.77 -11.89	33.45 1.77 -5.63	29.00 1.43 -4.55	27.17 1.18 -4.48	24.85 1.07 -2.29