

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

08/30/2023

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	25.44	23.56	21.55	20.89	20.61	22.96	25.21	27.80	28.10	29.87	28.50	30.24	30.97	33.11	32.63	32.38	40.15	43.11	39.41	35.86	31.69	27.52	25.97	23.78
24138	1.66	1.46	1.23	1.16	1.17	1.44	1.50	1.91	2.10	2.15	2.28	2.13	2.21	2.16	2.16	2.10	2.07	2.25	2.16	2.15	2.33	2.28	2.15	1.66
	-0.74	-1.30	-2.45	-2.39	-1.67	-0.89	-2.90	-5.08	-5.15	-6.82	-3.85	-7.26	-7.89	-10.52	-9.94	-10.71	-19.05	-19.89	-16.24	-11.97	-5.62	-1.96	-2.90	-1.61
74TH STREET_GT_1	25.42	23.58	21.56	20.89	20.63	22.92	25.16	27.77	28.06	29.83	28.44	30.19	30.93	33.09	32.59	32.36	40.15	43.07	39.39	35.86	31.65	27.51	25.93	23.78
24260	1.64	1.48	1.23	1.16	1.19	1.40	1.46	1.89	2.06	2.11	2.21	2.08	2.17	2.14	2.12	2.07	2.07	2.20	2.14	2.15	2.33	2.28	2.13	1.66
	-0.74	-1.30	-2.45	-2.39	-1.67	-0.89	-2.89	-5.07	-5.15	-6.82	-3.85	-7.26	-7.89	-10.52	-9.94	-10.71	-19.05	-19.89	-16.24	-11.97	-5.58	-1.95	-2.89	-1.60
74TH STREET_GT_2	25.42	23.58	21.56	20.89	20.63	22.92	25.16	27.77	28.06	29.83	28.44	30.19	30.93	33.09	32.59	32.36	40.15	43.07	39.39	35.86	31.65	27.51	25.93	23.78
24261	1.64	1.48	1.23	1.16	1.19	1.40	1.46	1.89	2.06	2.11	2.21	2.08	2.17	2.14	2.12	2.07	2.07	2.20	2.14	2.15	2.33	2.28	2.13	1.66
	-0.74	-1.30	-2.45	-2.39	-1.67	-0.89	-2.89	-5.07	-5.15	-6.82	-3.85	-7.26	-7.89	-10.52	-9.94	-10.71	-19.05	-19.89	-16.24	-11.97	-5.58	-1.95	-2.89	-1.60
ADK HUDSON___FALLS	25.23	23.58	21.93	21.29	20.83	22.84	25.71	28.64	28.82	30.99	28.75	31.49	31.66	34.18	33.70	33.47	42.41	45.58	42.49	38.69	32.48	27.31	25.78	23.52
24011	1.22	1.08	0.88	0.85	0.89	1.05	1.14	1.25	1.27	1.21	1.36	1.19	1.11	1.08	1.11	1.00	0.97	1.20	1.26	1.37	1.47	1.49	1.11	0.92
	-0.96	-1.69	-3.18	-3.10	-2.17	-1.16	-3.76	-6.58	-6.70	-8.88	-5.01	-9.45	-9.68	-12.68	-12.05	-12.90	-22.41	-23.41	-20.23	-15.58	-7.27	-2.54	-3.76	-2.08
ADK RESOURCE___RCVRY	25.39	23.72	22.07	21.43	20.95	23.00	25.91	28.83	29.04	31.20	28.95	31.68	31.83	34.38	33.88	33.66	42.60	45.79	42.71	38.89	32.98	27.58	26.05	23.79
23798	1.38	1.23	1.02	0.99	1.01	1.22	1.33	1.43	1.48	1.42	1.57	1.38	1.27	1.27	1.27	1.17	1.14	1.38	1.47	1.57	1.73	1.68	1.25	1.13
	-0.96	-1.69	-3.18	-3.11	-2.17	-1.16	-3.76	-6.59	-6.71	-8.89	-5.01	-9.45	-9.69	-12.69	-12.06	-12.91	-22.43	-23.43	-20.24	-15.59	-7.50	-2.62	-3.88	-2.15
ADK S GLENS___FALLS	25.23	23.58	21.93	21.29	20.83	22.84	25.71	28.64	28.82	30.99	28.75	31.49	31.66	34.18	33.70	33.47	42.41	45.58	42.49	38.69	32.48	27.31	25.78	23.52
24028	1.22	1.08	0.88	0.85	0.89	1.05	1.14	1.25	1.27	1.21	1.36	1.19	1.11	1.08	1.11	1.00	0.97	1.20	1.26	1.37	1.47	1.49	1.11	0.92
	-0.96	-1.69	-3.18	-3.10	-2.17	-1.16	-3.76	-6.58	-6.70	-8.88	-5.01	-9.45	-9.68	-12.68	-12.05	-12.90	-22.41	-23.41	-20.23	-15.58	-7.27	-2.54	-3.76	-2.08
ADK_NYS___DAM	25.26	23.59	21.96	21.33	20.89	22.91	25.60	28.34	28.56	30.70	28.51	31.19	31.10	33.32	32.91	32.62	40.54	43.60	41.37	38.12	32.30	27.17	25.85	23.68
23527	1.29	1.14	1.00	0.99	1.01	1.15	1.14	1.14	1.21	1.19	1.27	1.17	1.13	1.10	1.11	1.04	0.95	1.15	1.20	1.26	1.35	1.37	1.21	1.11
	-0.93	-1.63	-3.08	-3.01	-2.10	-1.13	-3.65	-6.39	-6.51	-8.62	-4.86	-9.17	-9.10	-11.80	-11.26	-12.01	-20.57	-21.47	-19.17	-15.12	-7.20	-2.52	-3.72	-2.07
AIR_PRODUCTS___DRP	24.51	22.91	21.37	20.74	20.28	22.19	24.93	27.76	27.96	30.15	27.92	30.64	30.92	33.41	32.91	32.74	41.50	44.54	41.37	37.57	31.51	26.43	25.14	22.93
24190	0.53	0.46	0.39	0.38	0.39	0.43	0.46	0.54	0.58	0.61	0.67	0.58	0.58	0.57	0.58	0.53	0.49	0.61	0.61	0.65	0.69	0.68	0.56	0.39
	-0.93	-1.64	-3.10	-3.02	-2.12	-1.13	-3.66	-6.41	-6.53	-8.65	-4.88	-9.21	-9.47	-12.41	-11.80	-12.63	-21.98	-22.96	-19.76	-15.18	-7.08	-2.47	-3.66	-2.03
AKWESSNE_115KV_BK	22.56	20.45	17.59	17.10	17.54	20.32	20.48	20.48	20.49	20.50	21.95	20.49	20.45	19.99	20.11	19.20	18.66	20.41	20.43	21.13	23.10	22.63	20.43	20.08
355683	-0.48	-0.35	-0.29	-0.24	-0.23	-0.31	-0.33	-0.33	-0.35	-0.40	-0.43	-0.35	-0.42	-0.43	-0.43	-0.37	-0.36	-0.57	-0.57	-0.61	-0.64	-0.65	-0.48	-0.43
	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	24.51	22.91	21.37	20.74	20.28	22.19	24.93	27.76	27.96	30.15	27.92	30.64	30.92	33.41	32.91	32.74	41.50	44.54	41.37	37.57	31.51	26.43	25.14	22.93
23571	0.53	0.46	0.39	0.38	0.39	0.43	0.46	0.54	0.58	0.61	0.67	0.58	0.58	0.57	0.58	0.53	0.49	0.61	0.61	0.65	0.69	0.68	0.56	0.39
	-0.93	-1.64	-3.10	-3.02	-2.12	-1.13	-3.66	-6.41	-6.53	-8.65	-4.88	-9.21	-9.47	-12.41	-11.80	-12.63	-21.98	-22.96	-19.76	-15.18	-7.08	-2.47	-3.66	-2.03
ALBANY___2	24.51	22.91	21.37	20.74	20.28	22.19	24.93	27.76	27.96	30.15	27.92	30.64	30.92	33.41	32.91	32.74	41.50	44.54	41.37	37.57	31.51	26.43	25.14	22.93
23572	0.53	0.46	0.39	0.38	0.39	0.43	0.46	0.54	0.58	0.61	0.67	0.58	0.58	0.57	0.58	0.53	0.49	0.61	0.61	0.65	0.69	0.68	0.56	0.39
	-0.93	-1.64	-3.10	-3.02	-2.12	-1.13	-3.66	-6.41	-6.53	-8.65	-4.88	-9.21	-9.47	-12.41	-11.80	-12.63	-21.98	-22.96	-19.76	-15.18	-7.08	-2.47	-3.66	-2.03
ALBANY___3	24.51	22.91	21.37	20.74	20.28	22.19	24.93	27.76	27.96	30.15	27.92	30.64	30.92	33.41	32.91	32.74	41.50	44.54	41.37	37.57	31.51	26.43	25.14	22.93
23573	0.53	0.46	0.39	0.38	0.39	0.43	0.46	0.54	0.58	0.61	0.67	0.58	0.58	0.57	0.58	0.53	0.49	0.61	0.61	0.65	0.69	0.68	0.56	0.39
	-0.93	-1.64	-3.10	-3.02	-2.12	-1.13	-3.66	-6.41	-6.53	-8.65	-4.88	-9.21	-9.47	-12.41	-11.80	-12.63	-21.98	-22.96	-19.76	-15.18	-7.08	-2.47	-3.66	-2.03

ALBANY___4 23574	24.51 0.53 -0.93	22.91 0.46 -1.64	21.37 0.39 -3.10	20.74 0.38 -3.02	20.28 0.39 -2.12	22.19 0.43 -1.13	24.93 0.46 -3.66	27.76 0.54 -6.41	27.96 0.58 -6.53	30.15 0.61 -8.65	27.92 0.67 -4.88	30.64 0.58 -9.21	30.92 0.58 -9.47	33.41 0.57 -12.41	32.91 0.58 -11.80	32.74 0.53 -12.63	41.50 0.49 -21.98	44.54 0.61 -22.96	41.37 0.61 -19.76	37.57 0.65 -15.18	31.51 0.69 -7.08	26.43 0.68 -2.47	25.14 0.56 -3.66	22.93 0.39 -2.03
ALBANY___LFGE 323615	24.74 0.76 -0.94	23.11 0.65 -1.65	21.55 0.55 -3.12	20.94 0.55 -3.04	20.47 0.57 -2.13	22.41 0.64 -1.14	25.16 0.67 -3.69	28.02 0.75 -6.46	28.24 0.81 -6.57	30.44 0.84 -8.71	28.22 0.94 -4.91	30.95 0.83 -9.27	31.20 0.81 -9.51	33.69 0.80 -12.47	33.19 0.80 -11.85	33.01 0.74 -12.69	41.79 0.70 -22.06	44.85 0.84 -23.03	41.73 0.86 -19.87	37.91 0.89 -15.28	31.99 0.95 -7.30	26.76 0.93 -2.55	25.46 0.77 -3.77	23.24 0.64 -2.09
ALCOA_PA_115KV_PL-6C 55860	22.58 -0.46 0.00	20.48 -0.33 0.00	17.59 -0.29 0.00	17.11 -0.23 0.00	17.59 -0.18 0.00	20.34 -0.29 0.00	20.48 -0.33 0.00	20.50 -0.31 0.00	20.49 -0.35 0.00	20.50 -0.40 0.00	21.97 -0.40 0.00	20.52 -0.33 0.00	20.48 -0.40 0.00	19.97 -0.45 0.00	20.11 -0.43 0.00	19.26 -0.31 0.00	18.72 -0.30 0.00	20.39 -0.59 0.00	20.41 -0.59 0.00	21.13 -0.61 0.00	23.08 -0.66 0.00	22.63 -0.65 0.00	20.43 -0.48 0.00	20.08 -0.43 0.00
ALCOA_RYNLDS___DRP 24188	22.58 -0.46 0.00	20.48 -0.33 0.00	17.59 -0.29 0.00	17.11 -0.23 0.00	17.59 -0.18 0.00	20.34 -0.29 0.00	20.48 -0.33 0.00	20.50 -0.31 0.00	20.49 -0.35 0.00	20.50 -0.40 0.00	21.97 -0.40 0.00	20.52 -0.33 0.00	20.48 -0.40 0.00	19.97 -0.45 0.00	20.11 -0.43 0.00	19.26 -0.31 0.00	18.72 -0.30 0.00	20.39 -0.59 0.00	20.41 -0.59 0.00	21.13 -0.61 0.00	23.08 -0.66 0.00	22.63 -0.65 0.00	20.43 -0.48 0.00	20.08 -0.43 0.00
ALCOA___DSASP 323711	22.58 -0.46 0.00	20.56 -0.25 0.00	17.59 -0.29 0.00	17.11 -0.23 0.00	17.59 -0.18 0.00	20.34 -0.29 0.00	20.52 -0.29 0.00	20.52 -0.29 0.00	20.49 -0.35 0.00	20.49 -0.40 0.00	21.97 -0.40 0.00	20.51 -0.33 0.00	20.47 -0.40 0.00	19.97 -0.45 0.00	20.11 -0.43 0.00	19.10 -0.47 0.00	18.72 -0.31 0.00	20.39 -0.59 0.00	20.41 -0.59 0.00	21.13 -0.61 0.00	23.08 -0.66 0.00	22.63 -0.65 0.00	20.43 -0.48 0.00	20.08 -0.43 0.00
ALLEGHENY___COGEN 23514	24.26 1.08 -0.13	21.63 0.60 -0.22	18.90 0.61 -0.42	18.29 0.54 -0.41	18.57 0.52 -0.29	21.46 0.68 -0.15	21.97 0.65 -0.51	21.79 0.08 -0.90	21.66 -0.10 -0.91	21.87 -0.23 -1.21	22.74 -0.31 -0.68	21.82 -0.31 -1.29	21.87 -0.35 -1.36	21.85 -0.37 -1.79	21.87 -0.37 -1.70	21.14 -0.25 -1.83	21.89 -0.34 -3.21	24.58 0.25 -3.35	24.40 0.59 -2.82	24.73 0.87 -2.12	25.53 0.88 -0.91	24.64 1.05 -0.32	22.07 0.69 -0.47	21.37 0.60 -0.26
ALTAMONT_115KV_TB 2 55880	24.79 0.81 -0.94	23.16 0.71 -1.65	21.59 0.61 -3.11	20.96 0.59 -3.03	20.48 0.59 -2.12	22.44 0.68 -1.13	25.18 0.71 -3.67	28.02 0.79 -6.42	28.22 0.83 -6.54	30.42 0.86 -8.67	28.18 0.92 -4.89	30.90 0.83 -9.22	31.26 0.83 -9.55	33.79 0.82 -12.55	33.28 0.82 -11.92	33.13 0.78 -12.78	42.09 0.76 -22.30	45.14 0.88 -23.29	41.80 0.90 -19.90	37.88 0.93 -15.20	31.83 1.00 -7.09	26.74 0.98 -2.48	25.44 0.86 -3.66	23.22 0.68 -2.03
ALTONA_WT_PWR 323606	22.84 -0.21 0.00	20.79 -0.02 0.00	17.82 -0.05 0.00	17.36 0.02 0.00	17.79 0.02 0.00	20.67 0.04 0.00	20.87 0.06 0.00	20.83 0.02 0.00	20.81 -0.04 0.00	20.79 -0.10 0.00	22.19 -0.18 0.00	20.66 -0.19 0.00	20.58 -0.29 0.00	20.09 -0.33 0.00	20.17 -0.37 0.00	19.10 -0.47 0.00	18.65 -0.38 0.00	20.39 -0.59 0.00	20.39 -0.61 0.00	21.13 -0.61 0.00	23.05 -0.69 0.00	22.63 -0.65 0.00	20.45 -0.46 0.00	20.14 -0.37 0.00
AMERICAN_REF_FUEL 24010	22.47 -0.69 -0.11	20.01 -1.00 -0.20	17.54 -0.72 -0.38	16.95 -0.76 -0.37	17.18 -0.85 -0.26	19.84 -0.93 -0.14	20.32 -0.96 -0.46	20.12 -1.50 -0.81	20.32 -1.35 -0.83	20.78 -1.21 -1.09	21.69 -1.30 -0.62	20.62 -1.40 -1.16	20.72 -1.38 -1.23	20.76 -1.29 -1.62	20.79 -1.29 -1.54	20.11 -1.11 -1.65	20.56 -1.37 -2.91	23.03 -0.99 -3.04	22.67 -0.88 -2.55	22.79 -0.87 -1.92	23.43 -1.14 -0.82	22.80 -0.77 -0.29	20.29 -1.05 -0.43	19.89 -0.86 -0.24
ARKWRIGHT___SUMMIT_WT_PWR 323751	23.47 0.30 -0.13	20.85 -0.19 -0.23	18.25 -0.05 -0.43	17.63 -0.12 -0.42	17.88 -0.18 -0.29	20.66 -0.12 -0.16	21.24 -0.08 -0.52	21.22 -0.50 -0.91	21.33 -0.44 -0.92	21.78 -0.34 -1.22	22.68 -0.38 -0.69	21.55 -0.61 -1.30	21.68 -0.56 -1.37	21.83 -0.41 -1.82	21.85 -0.41 -1.72	21.11 -0.31 -1.85	21.78 -0.49 -3.25	24.29 -0.08 -3.39	23.91 0.06 -2.85	24.08 0.20 -2.15	24.66 0.00 -0.92	23.90 0.30 -0.32	21.24 -0.15 -0.48	20.67 -0.10 -0.26
ARTHUR_KILL_GT_1 23520	25.54 1.75 -0.75	23.61 1.50 -1.30	21.61 1.29 -2.45	20.92 1.20 -2.39	20.63 1.19 -1.67	22.90 1.38 -0.89	25.02 1.31 -2.90	27.67 1.79 -5.08	27.89 1.90 -5.14	29.67 1.96 -6.82	28.25 2.04 -3.84	30.06 1.96 -7.25	30.84 2.09 -7.88	30.99 2.08 -8.49	31.34 2.07 -8.73	32.33 2.05 -10.70	33.54 1.94 -12.58	34.76 2.06 -11.73	33.75 2.04 -10.72	32.59 1.98 -8.87	31.32 2.26 -5.33	27.52 2.28 -1.96	26.02 2.20 -2.91	23.85 1.72 -1.61
ARTHUR_KILL_2 23512	25.47 1.68 -0.75	23.56 1.46 -1.30	21.55 1.23 -2.45	20.87 1.14 -2.39	20.58 1.14 -1.67	22.84 1.32 -0.89	24.96 1.25 -2.90	27.61 1.73 -5.08	27.83 1.84 -5.14	29.61 1.90 -6.82	28.18 1.97 -3.84	30.00 1.90 -7.25	30.77 2.02 -7.88	30.93 2.02 -8.49	31.26 1.99 -8.73	32.25 1.98 -10.70	33.49 1.88 -12.58	34.70 1.99 -11.73	33.67 1.95 -10.72	32.50 1.89 -8.87	31.25 2.18 -5.33	27.45 2.21 -1.96	25.96 2.13 -2.91	23.78 1.66 -1.61
ARTHUR_KILL_3 23513	25.14 1.36 -0.74	23.30 1.21 -1.29	21.33 1.02 -2.44	20.66 0.94 -2.38	20.37 0.94 -1.66	22.69 1.18 -0.89	24.91 1.21 -2.90	27.51 1.62 -5.08	27.81 1.81 -5.15	29.58 1.86 -6.82	28.19 1.97 -3.85	29.96 1.85 -7.26	30.66 1.90 -7.89	30.76 1.84 -8.50	31.08 1.81 -8.74	32.06 1.78 -10.71	33.36 1.75 -12.59	34.58 1.87 -11.74	33.55 1.83 -10.72	32.42 1.80 -8.87	31.07 1.99 -5.33	27.24 2.00 -1.96	25.70 1.88 -2.90	23.54 1.41 -1.61
ARTHUR_KILL_COGEN 323718	25.54 1.75 -0.75	23.61 1.50 -1.30	21.61 1.29 -2.45	20.92 1.20 -2.39	20.63 1.19 -1.67	22.90 1.38 -0.89	25.02 1.31 -2.90	27.67 1.79 -5.08	27.89 1.90 -5.14	29.67 1.96 -6.82	28.25 2.04 -3.84	30.06 1.96 -7.25	30.84 2.09 -7.88	30.99 2.08 -8.49	31.34 2.07 -8.73	32.33 2.05 -10.70	33.54 1.94 -12.58	34.76 2.06 -11.73	33.75 2.04 -10.72	32.59 1.98 -8.87	31.32 2.26 -5.33	27.52 2.28 -1.96	26.02 2.20 -2.91	23.85 1.72 -1.61
ASHOKAN____ 23654	24.36 0.48 -0.83	22.64 0.37 -1.46	20.93 0.30 -2.75	20.30 0.28 -2.69	19.93 0.28 -1.88	22.00 0.37 -1.01	24.55 0.48 -3.26	27.01 0.50 -5.71	27.05 0.40 -5.80	28.98 0.40 -7.69	27.16 0.45 -4.33	29.38 0.35 -8.18	29.85 0.35 -8.63	32.20 0.37 -11.41	31.76 0.41 -10.81	31.59 0.41 -11.61	39.95 0.51 -20.41	42.96 0.67 -21.32	39.61 0.71 -17.90	36.03 0.80 -13.49	30.96 0.85 -6.37	26.27 0.77 -2.23	24.77 0.56 -3.29	22.65 0.31 -1.83

ASTORIA_EAST_ENERGY_CC1 323581	25.50	23.61	21.59	20.89	20.61	22.86	25.00	27.67	27.90	29.68	28.23	30.05	30.83	32.93	32.40	32.17	39.95	42.84	39.17	35.60	31.64	27.41	25.93	23.78
	1.71	1.50	1.27	1.16	1.17	1.34	1.29	1.79	1.90	1.96	2.01	1.94	2.07	1.98	1.91	1.88	1.87	1.97	1.93	1.89	2.28	2.17	2.11	1.66
	-0.75	-1.31	-2.45	-2.39	-1.67	-0.89	-2.90	-5.08	-5.15	-6.82	-3.85	-7.26	-7.89	-10.53	-9.94	-10.72	-19.05	-19.89	-16.24	-11.97	-5.62	-1.96	-2.91	-1.61
ASTORIA_EAST_ENERGY_CC2 323582	25.50	23.61	21.59	20.89	20.61	22.86	25.00	27.67	27.90	29.68	28.23	30.05	30.83	32.93	32.40	32.17	39.95	42.84	39.17	35.60	31.64	27.41	25.93	23.78
	1.71	1.50	1.27	1.16	1.17	1.34	1.29	1.79	1.90	1.96	2.01	1.94	2.07	1.98	1.91	1.88	1.87	1.97	1.93	1.89	2.28	2.17	2.11	1.66
	-0.75	-1.31	-2.45	-2.39	-1.67	-0.89	-2.90	-5.08	-5.15	-6.82	-3.85	-7.26	-7.89	-10.53	-9.94	-10.72	-19.05	-19.89	-16.24	-11.97	-5.62	-1.96	-2.91	-1.61
ASTORIA_GT2_1 24094	25.47	23.63	21.59	20.89	20.61	22.84	24.99	27.68	27.90	29.68	28.26	30.07	30.83	32.93	32.40	32.25	40.06	42.84	39.18	35.65	31.63	27.40	25.94	23.80
	1.68	1.52	1.27	1.16	1.17	1.32	1.29	1.81	1.90	1.96	2.04	1.96	2.07	1.98	1.91	1.96	1.98	1.97	1.93	1.94	2.30	2.16	2.13	1.68
	-0.75	-1.31	-2.45	-2.39	-1.67	-0.89	-2.89	-5.07	-5.15	-6.82	-3.85	-7.26	-7.89	-10.53	-9.95	-10.72	-19.05	-19.89	-16.24	-11.97	-5.58	-1.95	-2.89	-1.60
ASTORIA_GT2_2 24095	25.47	23.63	21.59	20.89	20.61	22.84	24.99	27.68	27.90	29.68	28.26	30.07	30.83	32.93	32.40	32.25	40.06	42.84	39.18	35.65	31.63	27.40	25.94	23.80
	1.68	1.52	1.27	1.16	1.17	1.32	1.29	1.81	1.90	1.96	2.04	1.96	2.07	1.98	1.91	1.96	1.98	1.97	1.93	1.94	2.30	2.16	2.13	1.68
	-0.75	-1.31	-2.45	-2.39	-1.67	-0.89	-2.89	-5.07	-5.15	-6.82	-3.85	-7.26	-7.89	-10.53	-9.95	-10.72	-19.05	-19.89	-16.24	-11.97	-5.58	-1.95	-2.89	-1.60
ASTORIA_GT2_3 24096	25.47	23.63	21.59	20.89	20.61	22.84	24.99	27.68	27.90	29.68	28.26	30.07	30.83	32.93	32.40	32.25	40.06	42.84	39.18	35.65	31.63	27.40	25.94	23.80
	1.68	1.52	1.27	1.16	1.17	1.32	1.29	1.81	1.90	1.96	2.04	1.96	2.07	1.98	1.91	1.96	1.98	1.97	1.93	1.94	2.30	2.16	2.13	1.68
	-0.75	-1.31	-2.45	-2.39	-1.67	-0.89	-2.89	-5.07	-5.15	-6.82	-3.85	-7.26	-7.89	-10.53	-9.95	-10.72	-19.05	-19.89	-16.24	-11.97	-5.58	-1.95	-2.89	-1.60
ASTORIA_GT2_4 24097	25.47	23.63	21.59	20.89	20.61	22.84	24.99	27.68	27.90	29.68	28.26	30.07	30.83	32.93	32.40	32.25	40.06	42.84	39.18	35.65	31.63	27.40	25.94	23.80
	1.68	1.52	1.27	1.16	1.17	1.32	1.29	1.81	1.90	1.96	2.04	1.96	2.07	1.98	1.91	1.96	1.98	1.97	1.93	1.94	2.30	2.16	2.13	1.68
	-0.75	-1.31	-2.45	-2.39	-1.67	-0.89	-2.89	-5.07	-5.15	-6.82	-3.85	-7.26	-7.89	-10.53	-9.95	-10.72	-19.05	-19.89	-16.24	-11.97	-5.58	-1.95	-2.89	-1.60
ASTORIA_GT3_1 24098	25.47	23.63	21.59	20.89	20.61	22.84	24.99	27.68	27.90	29.68	28.26	30.07	30.83	32.93	32.40	32.25	40.06	42.84	39.18	35.65	31.63	27.40	25.94	23.80
	1.68	1.52	1.27	1.16	1.17	1.32	1.29	1.81	1.90	1.96	2.04	1.96	2.07	1.98	1.91	1.96	1.98	1.97	1.93	1.94	2.30	2.16	2.13	1.68
	-0.75	-1.31	-2.45	-2.39	-1.67	-0.89	-2.89	-5.07	-5.15	-6.82	-3.85	-7.26	-7.89	-10.53	-9.95	-10.72	-19.05	-19.89	-16.24	-11.97	-5.58	-1.95	-2.89	-1.60
ASTORIA_GT3_2 24099	25.47	23.63	21.59	20.89	20.61	22.84	24.99	27.68	27.90	29.68	28.26	30.07	30.83	32.93	32.40	32.25	40.06	42.84	39.18	35.65	31.63	27.40	25.94	23.80
	1.68	1.52	1.27	1.16	1.17	1.32	1.29	1.81	1.90	1.96	2.04	1.96	2.07	1.98	1.91	1.96	1.98	1.97	1.93	1.94	2.30	2.16	2.13	1.68
	-0.75	-1.31	-2.45	-2.39	-1.67	-0.89	-2.89	-5.07	-5.15	-6.82	-3.85	-7.26	-7.89	-10.53	-9.95	-10.72	-19.05	-19.89	-16.24	-11.97	-5.58	-1.95	-2.89	-1.60
ASTORIA_GT3_3 24100	25.47	23.63	21.59	20.89	20.61	22.84	24.99	27.68	27.90	29.68	28.26	30.07	30.83	32.93	32.40	32.25	40.06	42.84	39.18	35.65	31.63	27.40	25.94	23.80
	1.68	1.52	1.27	1.16	1.17	1.32	1.29	1.81	1.90	1.96	2.04	1.96	2.07	1.98	1.91	1.96	1.98	1.97	1.93	1.94	2.30	2.16	2.13	1.68
	-0.75	-1.31	-2.45	-2.39	-1.67	-0.89	-2.89	-5.07	-5.15	-6.82	-3.85	-7.26	-7.89	-10.53	-9.95	-10.72	-19.05	-19.89	-16.24	-11.97	-5.58	-1.95	-2.89	-1.60
ASTORIA_GT3_4 24101	25.47	23.63	21.59	20.89	20.61	22.84	24.99	27.68	27.90	29.68	28.26	30.07	30.83	32.93	32.40	32.25	40.06	42.84	39.18	35.65	31.63	27.40	25.94	23.80
	1.68	1.52	1.27	1.16	1.17	1.32	1.29	1.81	1.90	1.96	2.04	1.96	2.07	1.98	1.91	1.96	1.98	1.97	1.93	1.94	2.30	2.16	2.13	1.68
	-0.75	-1.31	-2.45	-2.39	-1.67	-0.89	-2.89	-5.07	-5.15	-6.82	-3.85	-7.26	-7.89	-10.53	-9.95	-10.72	-19.05	-19.89	-16.24	-11.97	-5.58	-1.95	-2.89	-1.60
ASTORIA_GT4_1 24102	25.47	23.63	21.59	20.89	20.61	22.84	24.99	27.68	27.90	29.68	28.26	30.07	30.83	32.93	32.40	32.25	40.06	42.84	39.18	35.65	31.63	27.40	25.94	23.80
	1.68	1.52	1.27	1.16	1.17	1.32	1.29	1.81	1.90	1.96	2.04	1.96	2.07	1.98	1.91	1.96	1.98	1.97	1.93	1.94	2.30	2.16	2.13	1.68
	-0.75	-1.31	-2.45	-2.39	-1.67	-0.89	-2.89	-5.07	-5.15	-6.82	-3.85	-7.26	-7.89	-10.53	-9.95	-10.72	-19.05	-19.89	-16.24	-11.97	-5.58	-1.95	-2.89	-1.60
ASTORIA_GT4_2 24103	25.47	23.63	21.59	20.89	20.61	22.84	24.99	27.68	27.90	29.68	28.26	30.07	30.83	32.93	32.40	32.25	40.06	42.84	39.18	35.65	31.63	27.40	25.94	23.80
	1.68	1.52	1.27	1.16	1.17	1.32	1.29	1.81	1.90	1.96	2.04	1.96	2.07	1.98	1.91	1.96	1.98	1.97	1.93	1.94	2.30	2.16	2.13	1.68
	-0.75	-1.31	-2.45	-2.39	-1.67	-0.89	-2.89	-5.07	-5.15	-6.82	-3.85	-7.26	-7.89	-10.53	-9.95	-10.72	-19.05	-19.89	-16.24	-11.97	-5.58	-1.95	-2.89	-1.60
ASTORIA_GT4_3 24104	25.47	23.63	21.59	20.89	20.61	22.84	24.99	27.68	27.90	29.68	28.26	30.07	30.83	32.93	32.40	32.25	40.06	42.84	39.18	35.65	31.63	27.40	25.94	23.80
	1.68	1.52	1.27	1.16	1.17	1.32	1.29	1.81	1.90	1.96	2.04	1.96	2.07	1.98	1.91	1.96	1.98	1.97	1.93	1.94	2.30	2.16	2.13	1.68
	-0.75	-1.31	-2.45	-2.39	-1.67	-0.89	-2.89	-5.07	-5.15	-6.82	-3.85	-7.26	-7.89	-10.53	-9.95	-10.72	-19.05	-19.89	-16.24	-11.97	-5.58	-1.95	-2.89	-1.60
ASTORIA_GT4_4 24105	25.47	23.63	21.59	20.89	20.61	22.84	24.99	27.68	27.90	29.68	28.26	30.07	30.83	32.93	32.40	32.25	40.06	42.84	39.18	35.65	31.63	27.40	25.94	23.80
	1.68	1.52	1.27	1.16	1.17	1.32	1.29	1.81	1.90	1.96	2.04	1.96	2.07	1.98	1.91	1.96	1.98	1.97	1.93	1.94	2.30	2.16	2.13	1.68
	-0.75	-1.31	-2.45	-2.39	-1.67	-0.89	-2.89	-5.07	-5.15	-6.82	-3.85	-7.26	-7.89	-10.53	-9.95	-10.72	-19.05	-19.89	-16.24	-11.97	-5.58	-1.95	-2.89	-1.60
ASTORIA_GT_1 23523	25.54	23.65	21.63	20.94	20.65	22.90	25.04	27.74	27.96	29.74	28.30	30.11	30.90	32.99	32.46	32.23	40.00	42.90	39.23	35.67	31.71	27.48	26.00	23.85
	1.75	1.54	1.30	1.21	1.21	1.38	1.33	1.85	1.96	2.03	2.08	2.00	2.13	2.04	1.97	1.94	1.92	2.03	2.00	1.96	2.35	2.24	2.17	1.72
	-0.75	-1.31	-2.45	-2.39	-1.67	-0.89	-2.90	-5.08	-5.15	-6.82	-3.85	-7.26	-7.89	-10.53	-9.94	-10.72	-19.05	-19.89	-16.24	-11.97	-5.62	-1.96	-2.91	-1.61

ASTORIA_GT_10 24110	25.35 1.57 -0.74	23.52 1.41 -1.30	21.50 1.18 -2.45	20.82 1.09 -2.39	20.56 1.12 -1.67	22.82 1.30 -0.89	25.01 1.31 -2.89	27.66 1.79 -5.07	27.94 1.94 -5.15	29.72 2.01 -6.82	28.30 2.08 -3.85	30.09 1.98 -7.26	30.85 2.09 -7.89	32.99 2.04 -10.53	32.50 2.01 -9.95	32.27 1.98 -10.72	40.04 1.96 -19.05	42.88 2.01 -19.89	39.20 1.95 -16.24	35.69 1.98 -11.97	31.56 2.23 -5.58	27.40 2.16 -1.95	25.88 2.07 -2.89	23.69 1.58 -1.60
ASTORIA_GT_11 24225	25.35 1.57 -0.74	23.52 1.41 -1.30	21.50 1.18 -2.45	20.82 1.09 -2.39	20.56 1.12 -1.67	22.82 1.30 -0.89	25.01 1.31 -2.89	27.66 1.79 -5.07	27.94 1.94 -5.15	29.72 2.01 -6.82	28.30 2.08 -3.85	30.09 1.98 -7.26	30.85 2.09 -7.89	32.99 2.04 -10.53	32.50 2.01 -9.95	32.27 1.98 -10.72	40.04 1.96 -19.05	42.88 2.01 -19.89	39.20 1.95 -16.24	35.69 1.98 -11.97	31.56 2.23 -5.58	27.40 2.16 -1.95	25.88 2.07 -2.89	23.69 1.58 -1.60
ASTORIA_GT_12 24226	25.35 1.57 -0.74	23.52 1.41 -1.30	21.50 1.18 -2.45	20.82 1.09 -2.39	20.56 1.12 -1.67	22.82 1.30 -0.89	25.01 1.31 -2.89	27.66 1.79 -5.07	27.94 1.94 -5.15	29.72 2.01 -6.82	28.30 2.08 -3.85	30.09 1.98 -7.26	30.85 2.09 -7.89	32.99 2.04 -10.53	32.50 2.01 -9.95	32.27 1.98 -10.72	40.04 1.96 -19.05	42.88 2.01 -19.89	39.20 1.95 -16.24	35.69 1.98 -11.97	31.56 2.23 -5.58	27.40 2.16 -1.95	25.88 2.07 -2.89	23.69 1.58 -1.60
ASTORIA_GT_13 24227	25.35 1.57 -0.74	23.52 1.41 -1.30	21.50 1.18 -2.45	20.82 1.09 -2.39	20.56 1.12 -1.67	22.82 1.30 -0.89	25.01 1.31 -2.89	27.66 1.79 -5.07	27.94 1.94 -5.15	29.72 2.01 -6.82	28.30 2.08 -3.85	30.09 1.98 -7.26	30.85 2.09 -7.89	32.99 2.04 -10.53	32.50 2.01 -9.95	32.27 1.98 -10.72	40.04 1.96 -19.05	42.88 2.01 -19.89	39.20 1.95 -16.24	35.69 1.98 -11.97	31.56 2.23 -5.58	27.40 2.16 -1.95	25.88 2.07 -2.89	23.69 1.58 -1.60
ASTORIA_GT_5 24106	25.54 1.75 -0.75	23.65 1.54 -1.31	21.63 1.30 -2.45	20.94 1.21 -2.39	20.65 1.21 -1.67	22.90 1.38 -0.89	25.04 1.33 -2.90	27.74 1.85 -5.08	27.96 1.96 -5.15	29.74 2.03 -6.82	28.30 2.08 -3.85	30.11 2.00 -7.26	30.90 2.13 -7.89	32.99 2.04 -10.53	32.46 1.97 -9.94	32.23 1.94 -10.72	40.00 1.92 -19.05	42.90 2.03 -19.89	39.23 2.00 -16.24	35.67 1.96 -11.97	31.71 2.35 -5.62	27.48 2.24 -1.96	26.00 2.17 -2.91	23.85 1.72 -1.61
ASTORIA_GT_7 24107	25.54 1.75 -0.75	23.65 1.54 -1.31	21.63 1.30 -2.45	20.94 1.21 -2.39	20.65 1.21 -1.67	22.90 1.38 -0.89	25.04 1.33 -2.90	27.74 1.85 -5.08	27.96 1.96 -5.15	29.74 2.03 -6.82	28.30 2.08 -3.85	30.11 2.00 -7.26	30.90 2.13 -7.89	32.99 2.04 -10.53	32.46 1.97 -9.94	32.23 1.94 -10.72	40.00 1.92 -19.05	42.90 2.03 -19.89	39.23 2.00 -16.24	35.67 1.96 -11.97	31.71 2.35 -5.62	27.48 2.24 -1.96	26.00 2.17 -2.91	23.85 1.72 -1.61
ASTORIA_GT_8 24108	25.52 1.73 -0.75	23.67 1.56 -1.31	21.61 1.29 -2.45	20.92 1.20 -2.39	20.65 1.21 -1.67	22.86 1.34 -0.89	25.03 1.33 -2.89	27.73 1.85 -5.07	27.96 1.96 -5.15	29.74 2.03 -6.82	28.30 2.08 -3.85	30.11 2.00 -7.26	30.89 2.13 -7.89	32.99 2.04 -10.53	32.46 1.97 -9.95	32.31 2.02 -10.72	40.12 2.04 -19.05	42.90 2.03 -19.89	39.22 1.97 -16.24	35.71 2.00 -11.97	31.68 2.35 -5.58	27.44 2.21 -1.95	25.98 2.17 -2.89	23.82 1.70 -1.60
ASTORIA___2 24149	25.52 1.73 -0.75	23.61 1.50 -1.31	21.61 1.29 -2.45	20.91 1.18 -2.39	20.61 1.17 -1.67	22.86 1.34 -0.89	25.02 1.31 -2.90	27.67 1.79 -5.08	27.90 1.90 -5.15	29.68 1.96 -6.82	28.26 2.04 -3.85	30.07 1.96 -7.26	30.83 2.07 -7.89	32.93 1.98 -10.53	32.41 1.93 -9.94	32.17 1.88 -10.72	39.96 1.88 -19.05	42.86 1.99 -19.89	39.19 1.95 -16.24	35.60 1.89 -11.97	31.64 2.28 -5.62	27.41 2.17 -1.96	25.93 2.11 -2.91	23.81 1.68 -1.61
ASTORIA___3 23516	25.40 1.61 -0.74	23.52 1.42 -1.30	21.52 1.20 -2.45	20.84 1.11 -2.39	20.56 1.12 -1.67	22.84 1.32 -0.89	25.04 1.33 -2.90	27.67 1.79 -5.08	27.94 1.94 -5.15	29.72 2.01 -6.82	28.30 2.08 -3.85	30.09 1.98 -7.26	30.85 2.09 -7.89	32.99 2.04 -10.53	32.50 2.01 -9.95	32.27 1.98 -10.72	39.98 1.90 -19.05	42.88 2.01 -19.89	39.22 1.97 -16.24	35.65 1.93 -11.97	31.59 2.23 -5.62	27.41 2.17 -1.96	25.89 2.07 -2.91	23.72 1.60 -1.61
ASTORIA___4 23517	25.35 1.57 -0.74	23.52 1.41 -1.30	21.50 1.18 -2.45	20.82 1.09 -2.39	20.56 1.12 -1.67	22.82 1.30 -0.89	25.01 1.31 -2.89	27.66 1.79 -5.07	27.94 1.94 -5.15	29.72 2.01 -6.82	28.30 2.08 -3.85	30.09 1.98 -7.26	30.85 2.09 -7.89	32.99 2.04 -10.53	32.50 2.01 -9.95	32.27 1.98 -10.72	40.04 1.96 -19.05	42.88 2.01 -19.89	39.20 1.95 -16.24	35.69 1.98 -11.97	31.56 2.23 -5.58	27.40 2.16 -1.95	25.88 2.07 -2.89	23.69 1.58 -1.60
ASTORIA___5 23518	25.40 1.61 -0.74	23.52 1.42 -1.30	21.52 1.20 -2.45	20.84 1.11 -2.39	20.56 1.12 -1.67	22.84 1.32 -0.89	25.04 1.33 -2.90	27.67 1.79 -5.08	27.94 1.94 -5.15	29.72 2.01 -6.82	28.30 2.08 -3.85	30.09 1.98 -7.26	30.85 2.09 -7.89	32.99 2.04 -10.53	32.50 2.01 -9.95	32.27 1.98 -10.72	39.98 1.90 -19.05	42.88 2.01 -19.89	39.22 1.97 -16.24	35.65 1.93 -11.97	31.59 2.23 -5.62	27.41 2.17 -1.96	25.89 2.07 -2.91	23.72 1.60 -1.61
AST_ENERGY_2_CC3 323677	25.28 1.50 -0.74	23.42 1.31 -1.30	21.43 1.11 -2.45	20.77 1.04 -2.39	20.49 1.05 -1.67	22.80 1.28 -0.89	25.02 1.31 -2.90	27.59 1.71 -5.08	27.90 1.90 -5.15	29.66 1.94 -6.82	28.26 2.04 -3.85	30.03 1.92 -7.26	30.74 1.98 -7.89	32.88 1.94 -10.52	32.41 1.93 -9.94	32.18 1.90 -10.71	39.94 1.87 -19.05	42.86 1.99 -19.89	39.20 1.95 -16.24	35.62 1.91 -11.97	31.47 2.11 -5.62	27.34 2.10 -1.96	25.80 1.99 -2.90	23.64 1.52 -1.61
AST_ENERGY_2_CC4 323678	25.28 1.50 -0.74	23.42 1.31 -1.30	21.43 1.11 -2.45	20.77 1.04 -2.39	20.49 1.05 -1.67	22.80 1.28 -0.89	25.02 1.31 -2.90	27.59 1.71 -5.08	27.90 1.90 -5.15	29.66 1.94 -6.82	28.26 2.04 -3.85	30.03 1.92 -7.26	30.74 1.98 -7.89	32.88 1.94 -10.52	32.41 1.93 -9.94	32.18 1.90 -10.71	39.94 1.87 -19.05	42.86 1.99 -19.89	39.20 1.95 -16.24	35.62 1.91 -11.97	31.47 2.11 -5.62	27.34 2.10 -1.96	25.80 1.99 -2.90	23.64 1.52 -1.61
ATHENS_STG_1 23668	24.87 0.99 -0.83	23.13 0.85 -1.46	21.37 0.73 -2.76	20.74 0.71 -2.69	20.37 0.71 -1.88	22.48 0.85 -1.01	24.93 0.85 -3.27	27.53 1.00 -5.72	27.74 1.08 -5.81	29.70 1.11 -7.70	27.90 1.18 -4.34	30.13 1.08 -8.19	30.71 1.13 -8.71	33.07 1.10 -11.55	32.56 1.09 -10.93	32.40 1.08 -11.75	40.80 1.05 -20.73	43.78 1.15 -21.65	40.19 1.15 -18.04	36.42 1.17 -13.51	31.34 1.26 -6.35	26.75 1.26 -2.22	25.32 1.13 -3.28	23.26 0.92 -1.82
ATHENS_STG_2 23670	24.87 0.99 -0.83	23.13 0.85 -1.46	21.37 0.73 -2.76	20.74 0.71 -2.69	20.37 0.71 -1.88	22.48 0.85 -1.01	24.93 0.85 -3.27	27.53 1.00 -5.72	27.74 1.08 -5.81	29.70 1.11 -7.70	27.90 1.18 -4.34	30.13 1.08 -8.19	30.71 1.13 -8.71	33.07 1.10 -11.55	32.56 1.09 -10.93	32.40 1.08 -11.75	40.80 1.05 -20.73	43.78 1.15 -21.65	40.19 1.15 -18.04	36.42 1.17 -13.51	31.34 1.26 -6.35	26.75 1.26 -2.22	25.32 1.13 -3.28	23.26 0.92 -1.82

ATHENS_STG_3 23677	24.87 0.99 -0.83	23.13 0.85 -1.46	21.37 0.73 -2.76	20.74 0.71 -2.69	20.37 0.71 -1.88	22.48 0.85 -1.01	24.93 0.85 -3.27	27.53 1.00 -5.72	27.74 1.08 -5.81	29.70 1.11 -7.70	27.90 1.18 -4.34	30.13 1.08 -8.19	30.71 1.13 -8.71	33.07 1.10 -11.55	32.56 1.09 -10.93	32.40 1.08 -11.75	40.80 1.05 -20.73	43.78 1.15 -21.65	40.19 1.15 -18.04	36.42 1.17 -13.51	31.34 1.26 -6.35	26.75 1.26 -2.22	25.32 1.13 -3.28	23.26 0.92 -1.82
AUBURN____LFGE 323710	23.62 0.48 -0.09	21.33 0.35 -0.17	18.38 0.20 -0.31	17.82 0.17 -0.31	18.18 0.20 -0.21	20.99 0.25 -0.11	21.84 0.67 -0.37	22.10 0.65 -0.65	22.19 0.65 -0.69	22.54 0.73 -0.92	23.65 0.76 -0.52	22.41 0.58 -0.98	22.48 0.58 -1.03	22.46 0.67 -1.36	22.55 0.72 -1.29	21.56 0.61 -1.38	22.01 0.55 -2.43	24.40 0.88 -2.54	24.06 0.92 -2.13	24.31 0.96 -1.61	25.69 0.47 -1.47	24.50 0.42 -0.80	21.55 0.25 -0.39	21.01 0.29 -0.21
BABYLON_RES_REC 323704	27.85 2.28 -2.53	25.88 2.02 -3.05	22.78 1.72 -3.19	21.96 1.63 -2.99	21.79 1.67 -2.35	26.17 1.98 -3.56	27.98 2.04 -5.13	30.10 2.35 -6.94	32.28 2.52 -8.91	33.02 2.57 -9.56	32.31 2.55 -7.38	32.42 2.36 -9.22	36.41 2.44 -13.10	35.09 2.41 -12.26	40.29 2.24 -17.51	40.49 2.17 -18.75	45.94 2.07 -24.84	48.51 2.22 -25.31	44.30 2.25 -21.05	38.63 2.37 -14.51	40.39 2.61 -14.04	33.69 2.84 -7.57	32.89 2.59 -9.38	28.63 2.22 -5.90
BABYLON__69_KV_BK2 356345	28.13 2.56 -2.53	26.15 2.29 -3.05	22.99 1.93 -3.19	22.16 1.84 -2.99	22.00 1.88 -2.35	26.39 2.21 -3.56	28.24 2.31 -5.12	30.38 2.64 -6.93	32.62 2.86 -8.91	33.91 2.90 -10.11	33.18 2.93 -7.88	33.07 2.71 -9.51	41.15 2.80 -17.48	37.60 2.70 -14.48	47.18 2.69 -23.95	47.54 2.58 -25.38	58.29 2.57 -36.69	60.57 2.81 -36.78	55.00 2.83 -31.16	44.11 2.91 -19.46	41.53 3.23 -14.56	34.28 3.21 -7.78	33.21 2.93 -9.36	28.91 2.50 -5.89
BARON_WINDS____WT_PWR 323822	23.35 0.14 -0.16	20.88 -0.21 -0.28	18.30 -0.11 -0.53	17.70 -0.16 -0.52	17.94 -0.20 -0.36	20.65 -0.17 -0.20	21.34 -0.12 -0.65	21.55 -0.40 -1.14	21.65 -0.35 -1.16	22.16 -0.27 -1.54	22.95 -0.29 -0.87	22.02 -0.46 -1.63	22.16 -0.44 -1.72	22.33 -0.37 -2.28	22.33 -0.37 -2.16	21.56 -0.33 -2.32	22.65 -0.46 -4.08	25.11 -0.13 -4.26	24.55 -0.02 -3.58	24.50 0.07 -2.69	25.01 -0.05 -1.32	23.90 0.09 -0.53	21.32 -0.19 -0.60	20.64 -0.21 -0.33
BARRETT_IC_1 23704	27.48 1.91 -2.53	25.57 1.71 -3.06	22.53 1.47 -3.19	21.71 1.39 -2.98	21.52 1.40 -2.34	25.86 1.67 -3.56	27.58 1.64 -5.13	29.66 1.91 -6.93	31.78 2.02 -8.91	32.10 2.03 -9.18	31.46 2.04 -7.05	31.46 1.90 -8.72	33.65 2.05 -10.73	33.50 2.02 -11.06	37.08 2.01 -14.53	37.23 1.98 -15.68	40.37 1.98 -19.37	43.09 2.10 -20.02	39.28 2.04 -16.24	35.85 2.09 -12.03	39.69 2.28 -13.66	32.71 2.24 -7.20	32.54 2.24 -9.39	28.28 1.87 -5.90
BARRETT_IC_10 23701	27.48 1.91 -2.53	25.57 1.71 -3.06	22.53 1.47 -3.19	21.71 1.39 -2.98	21.52 1.40 -2.34	25.86 1.67 -3.56	27.58 1.64 -5.13	29.66 1.91 -6.93	31.78 2.02 -8.91	32.10 2.03 -9.18	31.46 2.04 -7.05	31.46 1.90 -8.72	33.65 2.05 -10.73	33.50 2.02 -11.06	37.08 2.01 -14.53	37.23 1.98 -15.68	40.37 1.98 -19.37	43.09 2.10 -20.02	39.28 2.04 -16.24	35.85 2.09 -12.03	39.69 2.28 -13.66	32.71 2.24 -7.20	32.54 2.24 -9.39	28.28 1.87 -5.90
BARRETT_IC_11 23702	27.48 1.91 -2.53	25.57 1.71 -3.06	22.53 1.47 -3.19	21.71 1.39 -2.98	21.52 1.40 -2.34	25.86 1.67 -3.56	27.58 1.64 -5.13	29.66 1.91 -6.93	31.78 2.02 -8.91	32.10 2.03 -9.18	31.46 2.04 -7.05	31.46 1.90 -8.72	33.65 2.05 -10.73	33.50 2.02 -11.06	37.08 2.01 -14.53	37.23 1.98 -15.68	40.37 1.98 -19.37	43.09 2.10 -20.02	39.28 2.04 -16.24	35.85 2.09 -12.03	39.69 2.28 -13.66	32.71 2.24 -7.20	32.54 2.24 -9.39	28.28 1.87 -5.90
BARRETT_IC_12 23703	27.48 1.91 -2.53	25.57 1.71 -3.06	22.53 1.47 -3.19	21.71 1.39 -2.98	21.52 1.40 -2.34	25.86 1.67 -3.56	27.58 1.64 -5.13	29.66 1.91 -6.93	31.78 2.02 -8.91	32.10 2.03 -9.18	31.46 2.04 -7.05	31.46 1.90 -8.72	33.65 2.05 -10.73	33.50 2.02 -11.06	37.08 2.01 -14.53	37.23 1.98 -15.68	40.37 1.98 -19.37	43.09 2.10 -20.02	39.28 2.04 -16.24	35.85 2.09 -12.03	39.69 2.28 -13.66	32.71 2.24 -7.20	32.54 2.24 -9.39	28.28 1.87 -5.90
BARRETT_IC_2 23705	27.48 1.91 -2.53	25.57 1.71 -3.06	22.53 1.47 -3.19	21.71 1.39 -2.98	21.52 1.40 -2.34	25.86 1.67 -3.56	27.58 1.64 -5.13	29.66 1.91 -6.93	31.78 2.02 -8.91	32.10 2.03 -9.18	31.46 2.04 -7.05	31.46 1.90 -8.72	33.65 2.05 -10.73	33.50 2.02 -11.06	37.08 2.01 -14.53	37.23 1.98 -15.68	40.37 1.98 -19.37	43.09 2.10 -20.02	39.28 2.04 -16.24	35.85 2.09 -12.03	39.69 2.28 -13.66	32.71 2.24 -7.20	32.54 2.24 -9.39	28.28 1.87 -5.90
BARRETT_IC_3 23706	27.48 1.91 -2.53	25.57 1.71 -3.06	22.53 1.47 -3.19	21.71 1.39 -2.98	21.52 1.40 -2.34	25.86 1.67 -3.56	27.58 1.64 -5.13	29.66 1.91 -6.93	31.78 2.02 -8.91	32.10 2.03 -9.18	31.46 2.04 -7.05	31.46 1.90 -8.72	33.65 2.05 -10.73	33.50 2.02 -11.06	37.08 2.01 -14.53	37.23 1.98 -15.68	40.37 1.98 -19.37	43.09 2.10 -20.02	39.28 2.04 -16.24	35.85 2.09 -12.03	39.69 2.28 -13.66	32.71 2.24 -7.20	32.54 2.24 -9.39	28.28 1.87 -5.90
BARRETT_IC_4 23707	27.48 1.91 -2.53	25.57 1.71 -3.06	22.53 1.47 -3.19	21.71 1.39 -2.98	21.52 1.40 -2.34	25.86 1.67 -3.56	27.58 1.64 -5.13	29.66 1.91 -6.93	31.78 2.02 -8.91	32.10 2.03 -9.18	31.46 2.04 -7.05	31.46 1.90 -8.72	33.65 2.05 -10.73	33.50 2.02 -11.06	37.08 2.01 -14.53	37.23 1.98 -15.68	40.37 1.98 -19.37	43.09 2.10 -20.02	39.28 2.04 -16.24	35.85 2.09 -12.03	39.69 2.28 -13.66	32.71 2.24 -7.20	32.54 2.24 -9.39	28.28 1.87 -5.90
BARRETT_IC_5 23708	27.48 1.91 -2.53	25.57 1.71 -3.06	22.53 1.47 -3.19	21.71 1.39 -2.98	21.52 1.40 -2.34	25.86 1.67 -3.56	27.58 1.64 -5.13	29.66 1.91 -6.93	31.78 2.02 -8.91	32.10 2.03 -9.18	31.46 2.04 -7.05	31.46 1.90 -8.72	33.65 2.05 -10.73	33.50 2.02 -11.06	37.08 2.01 -14.53	37.23 1.98 -15.68	40.37 1.98 -19.37	43.09 2.10 -20.02	39.28 2.04 -16.24	35.85 2.09 -12.03	39.69 2.28 -13.66	32.71 2.24 -7.20	32.54 2.24 -9.39	28.28 1.87 -5.90
BARRETT_IC_6 23709	27.48 1.91 -2.53	25.57 1.71 -3.06	22.53 1.47 -3.19	21.71 1.39 -2.98	21.52 1.40 -2.34	25.86 1.67 -3.56	27.58 1.64 -5.13	29.66 1.91 -6.93	31.78 2.02 -8.91	32.10 2.03 -9.18	31.46 2.04 -7.05	31.46 1.90 -8.72	33.65 2.05 -10.73	33.50 2.02 -11.06	37.08 2.01 -14.53	37.23 1.98 -15.68	40.37 1.98 -19.37	43.09 2.10 -20.02	39.28 2.04 -16.24	35.85 2.09 -12.03	39.69 2.28 -13.66	32.71 2.24 -7.20	32.54 2.24 -9.39	28.28 1.87 -5.90
BARRETT_IC_7 23710	27.46 1.89 -2.53	25.59 1.73 -3.05	22.51 1.45 -3.19	21.69 1.37 -2.98	21.52 1.40 -2.34	25.82 1.63 -3.56	27.57 1.64 -5.12	29.65 1.91 -6.92	31.78 2.02 -8.91	32.10 2.03 -9.18	31.46 2.04 -7.05	31.46 1.90 -8.72	33.64 2.05 -10.73	33.50 2.02 -11.06	37.08 2.01 -14.53	37.21 1.96 -15.68	40.35 1.96 -19.37	43.11 2.12 -20.02	39.37 2.12 -16.24	35.88 2.11 -12.03	39.65 2.28 -13.63	32.70 2.23 -7.19	32.51 2.24 -9.36	28.27 1.87 -5.89

BARRETT_IC_8 23711	27.48 1.91 -2.53	25.57 1.71 -3.06	22.53 1.47 -3.19	21.71 1.39 -2.98	21.52 1.40 -2.34	25.86 1.67 -3.56	27.58 1.64 -5.13	29.66 1.91 -6.93	31.78 2.02 -8.91	32.10 2.03 -9.18	31.46 2.04 -7.05	31.46 1.90 -8.72	33.65 2.05 -10.73	33.50 2.02 -11.06	37.08 2.01 -14.53	37.23 1.98 -15.68	40.37 1.98 -19.37	43.09 2.10 -20.02	39.28 2.04 -16.24	35.85 2.09 -12.03	39.69 2.28 -13.66	32.71 2.24 -7.20	32.54 2.24 -9.39	28.28 1.87 -5.90
BARRETT_IC_9 23700	27.48 1.91 -2.53	25.57 1.71 -3.06	22.53 1.47 -3.19	21.71 1.39 -2.98	21.52 1.40 -2.34	25.86 1.67 -3.56	27.58 1.64 -5.13	29.66 1.91 -6.93	31.78 2.02 -8.91	32.10 2.03 -9.18	31.46 2.04 -7.05	31.46 1.90 -8.72	33.65 2.05 -10.73	33.50 2.02 -11.06	37.08 2.01 -14.53	37.23 1.98 -15.68	40.37 1.98 -19.37	43.09 2.10 -20.02	39.28 2.04 -16.24	35.85 2.09 -12.03	39.69 2.28 -13.66	32.71 2.24 -7.20	32.54 2.24 -9.39	28.28 1.87 -5.90
BARRETT___1 23545	27.48 1.91 -2.53	25.57 1.71 -3.06	22.53 1.47 -3.19	21.71 1.39 -2.98	21.52 1.40 -2.34	25.86 1.67 -3.56	27.58 1.64 -5.13	29.66 1.91 -6.93	31.78 2.02 -8.91	32.10 2.03 -9.18	31.46 2.04 -7.05	31.46 1.90 -8.72	33.65 2.05 -10.73	33.50 2.02 -11.06	37.08 2.01 -14.53	37.23 1.98 -15.68	40.37 1.98 -19.37	43.09 2.10 -20.02	39.28 2.04 -16.24	35.85 2.09 -12.03	39.69 2.28 -13.66	32.71 2.24 -7.20	32.54 2.24 -9.39	28.28 1.87 -5.90
BARRETT___2 23546	27.48 1.91 -2.53	25.57 1.71 -3.06	22.53 1.47 -3.19	21.71 1.39 -2.98	21.52 1.40 -2.34	25.86 1.67 -3.56	27.58 1.64 -5.13	29.66 1.91 -6.93	31.78 2.02 -8.91	32.10 2.03 -9.18	31.46 2.04 -7.05	31.46 1.90 -8.72	33.65 2.05 -10.73	33.50 2.02 -11.06	37.08 2.01 -14.53	37.23 1.98 -15.68	40.37 1.98 -19.37	43.09 2.10 -20.02	39.28 2.04 -16.24	35.85 2.09 -12.03	39.69 2.28 -13.66	32.71 2.24 -7.20	32.54 2.24 -9.39	28.28 1.87 -5.90
BATAVIA___115KV_TB1 55881	23.20 0.05 -0.11	20.87 -0.12 -0.19	18.06 -0.16 -0.35	17.49 -0.19 -0.34	17.76 -0.25 -0.24	20.51 -0.25 -0.13	21.04 -0.19 -0.42	21.06 -0.48 -0.73	21.20 -0.42 -0.76	21.59 -0.31 -1.01	22.70 -0.25 -0.57	21.51 -0.42 -1.08	21.61 -0.40 -1.13	21.55 -0.37 -1.50	21.59 -0.37 -1.42	20.63 -0.47 -1.53	21.21 -0.49 -2.68	23.76 -0.02 -2.80	23.44 0.08 -2.35	23.69 0.17 -1.77	24.54 -0.02 -0.83	23.82 0.26 -0.29	21.21 -0.13 -0.43	20.77 0.02 -0.24
BAYONEEC___CTG1 323682	25.28 1.50 -0.74	23.42 1.31 -1.30	21.43 1.11 -2.45	20.77 1.04 -2.39	20.49 1.05 -1.67	22.80 1.28 -0.89	25.04 1.33 -2.90	27.61 1.73 -5.08	27.92 1.92 -5.15	29.68 1.96 -6.82	28.28 2.06 -3.85	30.05 1.94 -7.26	30.76 2.00 -7.89	32.88 1.94 -10.52	32.39 1.91 -9.94	32.18 1.90 -10.71	39.94 1.87 -19.05	42.86 1.99 -19.89	39.20 1.95 -16.24	35.62 1.91 -11.97	31.47 2.11 -5.62	27.34 2.10 -1.96	25.80 1.99 -2.90	23.64 1.52 -1.61
BAYONEEC___CTG10 323750	25.28 1.50 -0.74	23.42 1.31 -1.30	21.43 1.11 -2.45	20.77 1.04 -2.39	20.49 1.05 -1.67	22.80 1.28 -0.89	25.04 1.33 -2.90	27.61 1.73 -5.08	27.92 1.92 -5.15	29.68 1.96 -6.82	28.28 2.06 -3.85	30.05 1.94 -7.26	30.76 2.00 -7.89	32.88 1.94 -10.52	32.39 1.91 -9.94	32.18 1.90 -10.71	39.94 1.87 -19.05	42.86 1.99 -19.89	39.20 1.95 -16.24	35.62 1.91 -11.97	31.47 2.11 -5.62	27.34 2.10 -1.96	25.80 1.99 -2.90	23.64 1.52 -1.61
BAYONEEC___CTG2 323683	25.28 1.50 -0.74	23.42 1.31 -1.30	21.43 1.11 -2.45	20.77 1.04 -2.39	20.49 1.05 -1.67	22.80 1.28 -0.89	25.04 1.33 -2.90	27.61 1.73 -5.08	27.92 1.92 -5.15	29.68 1.96 -6.82	28.28 2.06 -3.85	30.05 1.94 -7.26	30.76 2.00 -7.89	32.88 1.94 -10.52	32.39 1.91 -9.94	32.18 1.90 -10.71	39.94 1.87 -19.05	42.86 1.99 -19.89	39.20 1.95 -16.24	35.62 1.91 -11.97	31.47 2.11 -5.62	27.34 2.10 -1.96	25.80 1.99 -2.90	23.64 1.52 -1.61
BAYONEEC___CTG3 323684	25.28 1.50 -0.74	23.42 1.31 -1.30	21.43 1.11 -2.45	20.77 1.04 -2.39	20.49 1.05 -1.67	22.80 1.28 -0.89	25.04 1.33 -2.90	27.61 1.73 -5.08	27.92 1.92 -5.15	29.68 1.96 -6.82	28.28 2.06 -3.85	30.05 1.94 -7.26	30.76 2.00 -7.89	32.88 1.94 -10.52	32.39 1.91 -9.94	32.18 1.90 -10.71	39.94 1.87 -19.05	42.86 1.99 -19.89	39.20 1.95 -16.24	35.62 1.91 -11.97	31.47 2.11 -5.62	27.34 2.10 -1.96	25.80 1.99 -2.90	23.64 1.52 -1.61
BAYONEEC___CTG4 323685	25.28 1.50 -0.74	23.42 1.31 -1.30	21.43 1.11 -2.45	20.77 1.04 -2.39	20.49 1.05 -1.67	22.80 1.28 -0.89	25.04 1.33 -2.90	27.61 1.73 -5.08	27.92 1.92 -5.15	29.68 1.96 -6.82	28.28 2.06 -3.85	30.05 1.94 -7.26	30.76 2.00 -7.89	32.88 1.94 -10.52	32.39 1.91 -9.94	32.18 1.90 -10.71	39.94 1.87 -19.05	42.86 1.99 -19.89	39.20 1.95 -16.24	35.62 1.91 -11.97	31.47 2.11 -5.62	27.34 2.10 -1.96	25.80 1.99 -2.90	23.64 1.52 -1.61
BAYONEEC___CTG5 323686	25.28 1.50 -0.74	23.42 1.31 -1.30	21.43 1.11 -2.45	20.77 1.04 -2.39	20.49 1.05 -1.67	22.80 1.28 -0.89	25.04 1.33 -2.90	27.61 1.73 -5.08	27.92 1.92 -5.15	29.68 1.96 -6.82	28.28 2.06 -3.85	30.05 1.94 -7.26	30.76 2.00 -7.89	32.88 1.94 -10.52	32.39 1.91 -9.94	32.18 1.90 -10.71	39.94 1.87 -19.05	42.86 1.99 -19.89	39.20 1.95 -16.24	35.62 1.91 -11.97	31.47 2.11 -5.62	27.34 2.10 -1.96	25.80 1.99 -2.90	23.64 1.52 -1.61
BAYONEEC___CTG6 323687	25.28 1.50 -0.74	23.42 1.31 -1.30	21.43 1.11 -2.45	20.77 1.04 -2.39	20.49 1.05 -1.67	22.80 1.28 -0.89	25.04 1.33 -2.90	27.61 1.73 -5.08	27.92 1.92 -5.15	29.68 1.96 -6.82	28.28 2.06 -3.85	30.05 1.94 -7.26	30.76 2.00 -7.89	32.88 1.94 -10.52	32.39 1.91 -9.94	32.18 1.90 -10.71	39.94 1.87 -19.05	42.86 1.99 -19.89	39.20 1.95 -16.24	35.62 1.91 -11.97	31.47 2.11 -5.62	27.34 2.10 -1.96	25.80 1.99 -2.90	23.64 1.52 -1.61
BAYONEEC___CTG7 323688	25.28 1.50 -0.74	23.42 1.31 -1.30	21.43 1.11 -2.45	20.77 1.04 -2.39	20.49 1.05 -1.67	22.80 1.28 -0.89	25.04 1.33 -2.90	27.61 1.73 -5.08	27.92 1.92 -5.15	29.68 1.96 -6.82	28.28 2.06 -3.85	30.05 1.94 -7.26	30.76 2.00 -7.89	32.88 1.94 -10.52	32.39 1.91 -9.94	32.18 1.90 -10.71	39.94 1.87 -19.05	42.86 1.99 -19.89	39.20 1.95 -16.24	35.62 1.91 -11.97	31.47 2.11 -5.62	27.34 2.10 -1.96	25.80 1.99 -2.90	23.64 1.52 -1.61
BAYONEEC___CTG8 323689	25.28 1.50 -0.74	23.42 1.31 -1.30	21.43 1.11 -2.45	20.77 1.04 -2.39	20.49 1.05 -1.67	22.80 1.28 -0.89	25.04 1.33 -2.90	27.61 1.73 -5.08	27.92 1.92 -5.15	29.68 1.96 -6.82	28.28 2.06 -3.85	30.05 1.94 -7.26	30.76 2.00 -7.89	32.88 1.94 -10.52	32.39 1.91 -9.94	32.18 1.90 -10.71	39.94 1.87 -19.05	42.86 1.99 -19.89	39.20 1.95 -16.24	35.62 1.91 -11.97	31.47 2.11 -5.62	27.34 2.10 -1.96	25.80 1.99 -2.90	23.64 1.52 -1.61
BAYONEEC___CTG9 323749	25.28 1.50 -0.74	23.42 1.31 -1.30	21.43 1.11 -2.45	20.77 1.04 -2.39	20.49 1.05 -1.67	22.80 1.28 -0.89	25.04 1.33 -2.90	27.61 1.73 -5.08	27.92 1.92 -5.15	29.68 1.96 -6.82	28.28 2.06 -3.85	30.05 1.94 -7.26	30.76 2.00 -7.89	32.88 1.94 -10.52	32.39 1.91 -9.94	32.18 1.90 -10.71	39.94 1.87 -19.05	42.86 1.99 -19.89	39.20 1.95 -16.24	35.62 1.91 -11.97	31.47 2.11 -5.62	27.34 2.10 -1.96	25.80 1.99 -2.90	23.64 1.52 -1.61

BEACON___LESR 323632	24.90 0.92 -0.93	23.22 0.77 -1.64	21.63 0.66 -3.10	20.98 0.62 -3.02	20.52 0.64 -2.11	22.52 0.76 -1.13	25.28 0.81 -3.66	28.11 0.89 -6.41	28.33 0.96 -6.52	30.52 0.98 -8.64	28.34 1.10 -4.87	31.03 0.98 -9.20	31.25 0.94 -9.44	33.68 0.88 -12.38	33.21 0.90 -11.76	32.99 0.82 -12.60	41.73 0.80 -21.90	44.81 0.97 -22.87	41.70 0.99 -19.72	37.94 1.04 -15.16	32.07 1.12 -7.22	26.87 1.07 -2.52	25.52 0.88 -3.73	23.32 0.74 -2.07
BEAVER RIVER___HYD 24048	22.94 -0.14 -0.03	20.67 -0.19 -0.05	17.67 -0.30 -0.10	17.16 -0.28 -0.10	17.61 -0.23 -0.07	20.41 -0.25 -0.04	20.83 -0.08 -0.11	20.89 -0.10 -0.18	20.79 -0.25 -0.19	20.83 -0.31 -0.25	22.20 -0.31 -0.14	20.82 -0.29 -0.26	20.84 -0.31 -0.28	20.36 -0.43 -0.37	20.42 -0.47 -0.35	19.34 -0.61 -0.37	19.17 -0.51 -0.66	21.25 -0.42 -0.69	21.26 -0.31 -0.58	21.92 -0.26 -0.44	24.14 -0.21 -0.61	23.40 -0.26 -0.37	20.71 -0.31 -0.11	20.24 -0.33 -0.06
BEEBEE_GT_13 23619	23.20 0.07 -0.09	20.90 -0.06 -0.16	18.08 -0.09 -0.30	17.53 -0.10 -0.29	17.82 -0.16 -0.21	20.57 -0.16 -0.11	21.08 -0.08 -0.35	21.14 -0.29 -0.62	21.29 -0.21 -0.65	21.63 -0.13 -0.86	22.77 -0.09 -0.49	21.54 -0.23 -0.92	21.65 -0.19 -0.97	21.56 -0.14 -1.28	21.63 -0.12 -1.21	20.68 -0.20 -1.30	21.09 -0.23 -2.29	23.52 0.15 -2.39	23.20 0.19 -2.01	23.50 0.24 -1.52	24.49 0.05 -0.71	23.74 0.21 -0.25	21.22 -0.06 -0.36	20.76 0.04 -0.20
BENSHRST_27_KV_BENSHRST_1 355998	25.63 1.84 -0.75	23.73 1.62 -1.30	21.68 1.36 -2.45	20.98 1.25 -2.39	20.72 1.28 -1.67	22.98 1.46 -0.89	25.16 1.46 -2.89	27.85 1.98 -5.07	28.10 2.11 -5.15	29.91 2.19 -6.82	28.50 2.28 -3.85	30.28 2.17 -7.26	31.06 2.30 -7.89	33.24 2.29 -10.53	32.75 2.26 -9.95	32.44 2.15 -10.72	40.25 2.17 -19.05	43.11 2.24 -19.89	39.45 2.20 -16.24	35.99 2.28 -11.97	31.82 2.49 -5.58	27.68 2.44 -1.95	26.13 2.32 -2.89	23.94 1.83 -1.60
BETHLEHEM___GRP 23843	24.51 0.53 -0.93	22.91 0.46 -1.64	21.37 0.39 -3.10	20.74 0.38 -3.02	20.28 0.39 -2.12	22.19 0.43 -1.13	24.93 0.46 -3.66	27.76 0.54 -6.41	27.96 0.58 -6.53	30.15 0.61 -8.65	27.92 0.67 -4.88	30.64 0.58 -9.21	30.92 0.58 -9.47	33.41 0.57 -12.41	32.91 0.58 -11.80	32.74 0.53 -12.63	41.50 0.49 -21.98	44.54 0.61 -22.96	41.37 0.61 -19.76	37.57 0.65 -15.18	31.51 0.69 -7.08	26.43 0.68 -2.47	25.14 0.56 -3.66	22.93 0.39 -2.03
BETHLEHEM___GS1 323560	24.51 0.53 -0.93	22.89 0.44 -1.64	21.37 0.39 -3.10	20.74 0.38 -3.02	20.28 0.39 -2.12	22.19 0.43 -1.13	24.93 0.46 -3.67	27.77 0.54 -6.42	27.96 0.58 -6.53	30.15 0.61 -8.65	27.92 0.67 -4.88	30.64 0.58 -9.21	30.92 0.58 -9.47	33.41 0.57 -12.41	32.91 0.57 -11.80	32.74 0.53 -12.63	41.50 0.49 -21.98	44.54 0.61 -22.96	41.37 0.61 -19.76	37.57 0.65 -15.18	31.65 0.69 -7.22	26.48 0.68 -2.53	25.21 0.56 -3.73	23.02 0.43 -2.07
BETHLEHEM___GS2 323561	24.51 0.53 -0.93	22.89 0.44 -1.64	21.37 0.39 -3.10	20.74 0.38 -3.02	20.28 0.39 -2.12	22.19 0.43 -1.13	24.93 0.46 -3.67	27.77 0.54 -6.42	27.96 0.58 -6.53	30.15 0.61 -8.65	27.92 0.67 -4.88	30.64 0.58 -9.21	30.92 0.58 -9.47	33.41 0.57 -12.41	32.91 0.57 -11.80	32.74 0.53 -12.63	41.50 0.49 -21.98	44.54 0.61 -22.96	41.37 0.61 -19.76	37.57 0.65 -15.18	31.65 0.69 -7.22	26.48 0.68 -2.53	25.21 0.56 -3.73	23.02 0.43 -2.07
BETHLEHEM___GS3 323562	24.51 0.53 -0.93	22.89 0.44 -1.64	21.37 0.39 -3.10	20.74 0.38 -3.02	20.28 0.39 -2.12	22.19 0.43 -1.13	24.93 0.46 -3.67	27.77 0.54 -6.42	27.96 0.58 -6.53	30.15 0.61 -8.65	27.92 0.67 -4.88	30.64 0.58 -9.21	30.92 0.58 -9.47	33.41 0.57 -12.41	32.91 0.57 -11.80	32.74 0.53 -12.63	41.50 0.49 -21.98	44.54 0.61 -22.96	41.37 0.61 -19.76	37.57 0.65 -15.18	31.65 0.69 -7.22	26.48 0.68 -2.53	25.21 0.56 -3.73	23.02 0.43 -2.07
BETHLEHEM___STEEL 23779	22.78 -0.39 -0.12	20.50 -0.52 -0.22	17.78 -0.50 -0.41	17.22 -0.52 -0.40	17.45 -0.60 -0.28	20.09 -0.68 -0.15	20.69 -0.60 -0.48	20.74 -0.92 -0.85	20.94 -0.79 -0.89	21.42 -0.65 -1.18	22.37 -0.67 -0.66	21.29 -0.81 -1.25	21.40 -0.79 -1.32	21.49 -0.67 -1.74	21.52 -0.68 -1.65	20.59 -0.76 -1.78	21.35 -0.80 -3.12	23.84 -0.40 -3.26	23.44 -0.29 -2.74	23.57 -0.24 -2.06	24.23 -0.47 -0.96	23.48 -0.14 -0.34	20.91 -0.50 -0.50	20.46 -0.33 -0.28
BETHLHEM_115KV_TB1 79974	24.56 0.58 -0.93	22.95 0.50 -1.64	21.40 0.43 -3.10	20.80 0.43 -3.02	20.31 0.43 -2.12	22.25 0.49 -1.13	24.97 0.50 -3.66	27.80 0.58 -6.41	28.02 0.65 -6.53	30.19 0.65 -8.65	27.97 0.72 -4.88	30.70 0.65 -9.21	30.97 0.63 -9.48	33.47 0.61 -12.43	32.99 0.64 -11.81	32.81 0.59 -12.65	41.60 0.55 -22.02	44.65 0.67 -23.00	41.45 0.67 -19.78	37.63 0.72 -15.17	31.58 0.76 -7.08	26.50 0.74 -2.47	25.20 0.63 -3.66	23.01 0.47 -2.03
BETHPAGE_CC_5 323564	27.65 2.07 -2.53	25.69 1.83 -3.05	22.62 1.55 -3.19	21.80 1.47 -2.99	21.61 1.49 -2.35	25.98 1.79 -3.56	27.77 1.83 -5.13	29.89 2.14 -6.94	32.03 2.27 -8.91	32.57 2.32 -9.36	31.91 2.33 -7.21	31.97 2.17 -8.95	34.98 2.25 -11.85	34.14 2.23 -11.49	38.07 2.20 -15.33	38.23 2.15 -16.51	41.98 2.11 -20.84	44.68 2.27 -21.44	40.83 2.27 -17.63	36.87 2.20 -12.83	40.07 2.49 -13.84	33.19 2.54 -7.37	32.63 2.34 -9.38	28.46 2.05 -5.90
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	22.76 -0.41 -0.12	20.47 -0.56 -0.22	17.75 -0.54 -0.41	17.19 -0.55 -0.40	17.41 -0.64 -0.28	20.08 -0.70 -0.15	20.67 -0.62 -0.49	20.75 -0.92 -0.86	20.96 -0.79 -0.90	21.41 -0.67 -1.19	22.37 -0.67 -0.67	21.30 -0.81 -1.27	21.44 -0.77 -1.34	21.53 -0.65 -1.77	21.54 -0.68 -1.67	20.61 -0.76 -1.80	21.41 -0.78 -3.16	23.88 -0.40 -3.30	23.48 -0.29 -2.77	23.59 -0.24 -2.09	24.24 -0.47 -0.97	23.48 -0.14 -0.34	20.89 -0.52 -0.50	20.44 -0.35 -0.28
BINGHAMTON___COGEN 23790	23.49 0.21 -0.23	21.32 0.10 -0.41	18.68 0.04 -0.78	18.11 0.02 -0.76	18.30 0.00 -0.53	20.95 0.04 -0.28	21.85 0.12 -0.92	22.52 0.10 -1.61	22.68 0.15 -1.68	23.33 0.21 -2.23	23.87 0.25 -1.26	23.36 0.15 -2.37	23.52 0.15 -2.50	23.91 0.18 -3.30	23.85 0.18 -3.13	23.07 0.14 -3.36	25.05 0.11 -5.91	27.46 0.31 -6.17	26.54 0.36 -5.18	26.04 0.39 -3.91	26.20 0.33 -2.13	24.50 0.35 -0.87	22.02 0.17 -0.94	21.18 0.14 -0.52
BIXINCNT_115KV_LOAD 355685	22.55 -0.62 -0.13	20.35 -0.69 -0.23	17.63 -0.68 -0.44	17.06 -0.71 -0.43	17.29 -0.78 -0.30	19.96 -0.82 -0.16	20.62 -0.71 -0.52	20.78 -0.94 -0.91	20.95 -0.85 -0.95	21.40 -0.75 -1.26	22.32 -0.76 -0.71	21.27 -0.92 -1.34	21.37 -0.92 -1.41	21.50 -0.80 -1.87	21.45 -0.86 -1.77	20.54 -0.94 -1.90	21.46 -0.91 -3.35	23.88 -0.59 -3.49	23.49 -0.44 -2.93	23.65 -0.30 -2.21	24.27 -0.50 -1.03	23.43 -0.21 -0.36	20.88 -0.56 -0.53	20.32 -0.49 -0.30
BLACK RIVER___HYD 24047	23.29 0.21 -0.04	20.94 0.06 -0.07	17.90 -0.11 -0.13	17.36 -0.10 -0.13	17.81 -0.05 -0.09	20.63 -0.04 -0.05	21.15 0.21 -0.13	21.21 0.17 -0.23	21.05 -0.04 -0.24	21.10 -0.10 -0.32	22.46 -0.09 -0.18	21.10 -0.08 -0.34	21.14 -0.08 -0.35	20.62 -0.27 -0.47	20.66 -0.33 -0.44	19.62 -0.43 -0.48	19.48 -0.38 -0.84	21.64 -0.21 -0.88	21.67 -0.06 -0.74	22.32 0.02 -0.55	24.83 0.14 -0.95	23.97 0.09 -0.60	20.98 -0.08 -0.15	20.51 -0.08 -0.08

BLACKRVR_115KV_TB2 79977	23.29 0.21 -0.04	20.96 0.08 -0.07	17.90 -0.11 -0.13	17.36 -0.10 -0.13	17.81 -0.05 -0.09	20.63 -0.04 -0.05	21.17 0.21 -0.16	21.25 0.17 -0.27	21.05 -0.04 -0.24	21.10 -0.10 -0.32	22.44 -0.11 -0.18	21.10 -0.08 -0.34	21.14 -0.08 -0.35	20.63 -0.27 -0.47	20.66 -0.33 -0.44	19.66 -0.39 -0.48	19.48 -0.38 -0.84	21.64 -0.21 -0.88	21.67 -0.06 -0.74	22.32 0.02 -0.55	24.85 0.14 -0.96	23.97 0.09 -0.60	20.98 -0.08 -0.15	20.52 -0.08 -0.09
BLISS_WT_PWR 323608	22.79 -0.39 -0.13	20.31 -0.73 -0.23	17.78 -0.54 -0.44	17.18 -0.59 -0.43	17.43 -0.64 -0.30	20.17 -0.62 -0.16	20.76 -0.58 -0.53	20.79 -0.96 -0.94	20.93 -0.87 -0.95	21.38 -0.77 -1.26	22.28 -0.80 -0.71	21.25 -0.94 -1.34	21.33 -0.96 -1.41	21.47 -0.82 -1.87	21.43 -0.88 -1.77	20.67 -0.80 -1.90	21.44 -0.93 -3.35	23.84 -0.63 -3.49	23.47 -0.46 -2.93	23.65 -0.30 -2.21	24.19 -0.50 -0.95	23.40 -0.21 -0.33	20.82 -0.59 -0.49	20.17 -0.61 -0.27
BLUESTONE___WT_PWR 323821	24.70 1.38 -0.27	22.41 1.12 -0.47	19.54 0.77 -0.89	18.96 0.75 -0.87	19.16 0.78 -0.61	21.92 0.97 -0.33	23.05 1.19 -1.06	23.89 1.23 -1.85	24.04 1.27 -1.92	24.69 1.25 -2.55	25.22 1.41 -1.44	24.77 1.21 -2.71	24.94 1.21 -2.86	25.24 1.04 -3.78	25.13 1.01 -3.58	24.40 0.98 -3.84	26.70 0.91 -6.76	29.21 1.17 -7.06	28.21 1.28 -5.93	27.56 1.35 -4.47	27.57 1.47 -2.36	25.61 1.40 -0.93	23.06 1.07 -1.08	22.03 0.92 -0.60
BLUE_CIRC_CHEM_DRP 24182	24.84 0.88 -0.92	23.19 0.77 -1.62	21.58 0.66 -3.05	20.95 0.64 -2.97	20.51 0.66 -2.08	22.50 0.76 -1.11	25.18 0.77 -3.60	27.95 0.83 -6.31	28.13 0.85 -6.42	30.28 0.88 -8.51	28.11 0.94 -4.80	30.74 0.83 -9.05	31.06 0.81 -9.38	33.54 0.80 -12.32	33.04 0.80 -11.70	32.86 0.74 -12.54	41.62 0.70 -21.89	44.67 0.84 -22.86	41.42 0.88 -19.54	37.60 0.93 -14.92	31.72 1.02 -6.96	26.71 1.00 -2.43	25.35 0.84 -3.60	23.21 0.70 -2.00
BOC_GAS_DRP 24189	24.69 0.71 -0.93	23.09 0.65 -1.64	21.51 0.54 -3.10	20.90 0.54 -3.02	20.42 0.53 -2.11	22.38 0.62 -1.13	25.09 0.62 -3.66	27.94 0.73 -6.40	28.14 0.77 -6.52	30.33 0.79 -8.64	28.09 0.85 -4.87	30.81 0.77 -9.19	31.17 0.77 -9.53	33.70 0.76 -12.52	33.19 0.76 -11.89	33.04 0.72 -12.75	41.98 0.70 -22.25	45.03 0.82 -23.24	41.67 0.82 -19.85	37.74 0.85 -15.15	31.71 0.90 -7.07	26.66 0.91 -2.47	25.36 0.79 -3.65	23.18 0.64 -2.03
BOONVILLE_115KV_TB1 79983	23.46 0.39 -0.03	21.15 0.29 -0.05	18.09 0.13 -0.09	17.57 0.14 -0.09	17.99 0.16 -0.06	20.88 0.23 -0.03	21.25 0.33 -0.11	21.37 0.37 -0.19	21.33 0.29 -0.19	21.41 0.27 -0.25	22.90 0.38 -0.14	21.43 0.31 -0.27	21.47 0.31 -0.28	20.98 0.18 -0.37	21.04 0.14 -0.35	20.03 0.08 -0.38	19.77 0.08 -0.67	21.90 0.23 -0.69	21.88 0.29 -0.58	22.49 0.30 -0.44	24.56 0.40 -0.42	23.86 0.35 -0.23	21.23 0.21 -0.11	20.74 0.16 -0.06
BORALEX_4TH_BRANCH 23824	25.26 1.29 -0.93	23.59 1.14 -1.63	21.96 1.00 -3.08	21.33 0.99 -3.01	20.89 1.01 -2.10	22.91 1.15 -1.13	25.60 1.14 -3.65	28.34 1.14 -6.39	28.56 1.21 -6.51	30.70 1.19 -8.62	28.51 1.27 -4.86	31.19 1.17 -9.17	31.10 1.13 -9.10	33.32 1.10 -11.80	32.91 1.11 -11.26	32.62 1.04 -12.01	40.54 0.95 -20.57	43.60 1.15 -21.47	41.37 1.20 -19.17	38.12 1.26 -15.12	32.30 1.35 -7.20	27.17 1.37 -2.52	25.85 1.21 -3.72	23.68 1.11 -2.07
BOWLINE___1 23526	25.07 1.31 -0.71	23.18 1.12 -1.25	21.21 0.98 -2.35	20.55 0.92 -2.30	20.30 0.92 -1.61	22.60 1.11 -0.86	24.74 1.14 -2.79	27.10 1.42 -4.88	27.36 1.56 -4.95	29.04 1.59 -6.56	27.77 1.70 -3.70	29.41 1.58 -6.98	30.09 1.65 -7.57	32.16 1.63 -10.10	31.70 1.62 -9.54	31.46 1.61 -10.28	38.92 1.62 -18.28	41.80 1.74 -19.09	38.30 1.70 -15.60	34.95 1.70 -11.51	30.96 1.83 -5.40	26.96 1.79 -1.89	25.33 1.63 -2.79	23.35 1.29 -1.55
BOWLINE___2 23595	25.07 1.31 -0.71	23.20 1.14 -1.25	21.21 0.98 -2.35	20.55 0.92 -2.30	20.32 0.94 -1.61	22.60 1.11 -0.86	24.74 1.14 -2.79	27.10 1.42 -4.88	27.37 1.56 -4.95	29.04 1.59 -6.56	27.77 1.70 -3.70	29.41 1.58 -6.98	30.09 1.65 -7.57	32.16 1.63 -10.10	31.70 1.62 -9.54	31.46 1.61 -10.28	38.92 1.62 -18.28	41.81 1.74 -19.09	38.31 1.70 -15.61	34.95 1.70 -11.51	30.97 1.83 -5.40	26.96 1.79 -1.89	25.33 1.63 -2.79	23.35 1.29 -1.55
BRADY___115KV_TB2 356060	22.61 -0.44 0.00	20.50 -0.31 0.00	17.57 -0.30 0.00	17.10 -0.24 0.00	17.59 -0.18 0.00	20.34 -0.29 0.00	20.52 -0.29 0.00	20.52 -0.29 0.00	20.49 -0.35 0.00	20.47 -0.42 0.00	21.95 -0.43 0.00	20.52 -0.33 0.00	20.48 -0.40 0.00	19.93 -0.49 0.00	20.07 -0.47 0.00	19.22 -0.35 0.00	18.68 -0.34 0.00	20.35 -0.63 0.00	20.39 -0.61 0.00	21.13 -0.61 0.00	23.12 -0.62 0.00	22.65 -0.63 0.00	20.41 -0.50 0.00	20.04 -0.47 0.00
BRANSCOMB___SOLAR 323811	25.20 1.20 -0.95	23.55 1.06 -1.68	21.93 0.89 -3.17	21.30 0.87 -3.09	20.82 0.89 -2.16	22.83 1.05 -1.16	25.66 1.10 -3.75	28.54 1.16 -6.56	28.69 1.17 -6.68	30.87 1.13 -8.85	28.61 1.25 -4.99	31.37 1.10 -9.41	31.53 1.04 -9.62	34.02 1.02 -12.58	33.53 1.03 -11.96	33.34 0.96 -12.80	42.15 0.91 -22.21	45.28 1.11 -23.20	42.30 1.20 -20.10	38.56 1.30 -15.52	32.61 1.42 -7.45	27.28 1.40 -2.60	25.89 1.13 -3.85	23.63 0.98 -2.14
BRENTWOD_69_KV_W. BRTWOOD 56703	28.01 2.44 -2.53	26.05 2.18 -3.05	22.90 1.84 -3.19	22.09 1.77 -2.99	21.93 1.81 -2.35	26.29 2.10 -3.56	28.14 2.21 -5.12	30.27 2.54 -6.93	32.51 2.75 -8.91	33.80 2.78 -10.13	33.01 2.75 -7.89	32.80 2.52 -9.43	48.96 2.59 -25.50	37.41 2.45 -14.54	47.08 2.44 -24.09	47.39 2.29 -25.53	58.26 2.28 -36.95	60.49 2.48 -37.03	54.89 2.50 -31.39	43.92 2.61 -19.57	41.29 2.97 -14.58	34.01 3.00 -7.72	33.06 2.78 -9.36	28.76 2.36 -5.89
BRISTLHL_115KV_TB1 79998	22.94 -0.16 -0.06	20.70 -0.21 -0.10	17.86 -0.21 -0.20	17.31 -0.23 -0.19	17.66 -0.25 -0.13	20.43 -0.27 -0.07	20.77 -0.27 -0.23	20.82 -0.40 -0.41	20.84 -0.42 -0.40	21.03 -0.40 -0.53	22.32 -0.36 -0.30	21.02 -0.40 -0.57	21.08 -0.40 -0.60	20.83 -0.39 -0.79	20.90 -0.39 -0.75	19.99 -0.39 -0.81	20.06 -0.38 -1.42	22.17 -0.29 -1.48	21.95 -0.29 -1.24	22.40 -0.28 -0.94	25.33 -0.28 -1.87	24.23 -0.28 -1.23	20.80 -0.33 -0.22	20.41 -0.23 -0.12
BROOKHAVEN___DRP 24191	28.13 2.56 -2.53	26.15 2.29 -3.05	23.03 1.97 -3.19	22.20 1.87 -2.99	22.04 1.92 -2.35	26.41 2.23 -3.56	28.24 2.31 -5.12	30.40 2.66 -6.93	32.67 2.90 -8.92	37.08 2.92 -13.26	35.92 2.89 -10.66	35.52 2.65 -12.02	46.09 2.69 -22.53	50.07 2.63 -27.01	83.25 2.61 -60.10	84.69 2.52 -62.59	124.69 2.51 -103.15	124.84 2.75 -101.11	111.69 2.79 -87.90	71.82 2.83 -47.25	44.62 3.16 -17.72	36.12 3.17 -9.68	33.21 2.93 -9.37	28.89 2.48 -5.89
BROOKLYN_NAVY_YARD 23515	25.28 1.50 -0.74	23.42 1.31 -1.30	21.43 1.11 -2.45	20.77 1.04 -2.39	20.49 1.05 -1.67	22.80 1.28 -0.89	25.04 1.33 -2.90	27.65 1.77 -5.08	27.96 1.96 -5.15	29.72 2.01 -6.82	28.28 2.06 -3.85	30.05 1.94 -7.26	30.76 2.00 -7.89	32.90 1.96 -10.52	32.43 1.95 -9.94	32.20 1.92 -10.71	39.96 1.88 -19.05	42.88 2.01 -19.89	39.22 1.97 -16.24	35.67 1.96 -11.97	31.49 2.14 -5.62	27.36 2.12 -1.96	25.82 2.01 -2.90	23.66 1.54 -1.61

BROOKLYN___ARMY_DRP 323595	25.52 1.73 -0.75	23.65 1.54 -1.30	21.59 1.27 -2.45	20.91 1.18 -2.39	20.65 1.21 -1.67	22.90 1.38 -0.89	25.07 1.37 -2.89	27.75 1.87 -5.07	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.12 2.16 -10.53	32.64 2.16 -9.95	32.33 2.04 -10.72	40.13 2.05 -19.05	42.99 2.12 -19.89	39.30 2.06 -16.24	35.86 2.15 -11.97	31.68 2.35 -5.58	27.54 2.30 -1.95	26.02 2.22 -2.89	23.84 1.72 -1.60
BROOKVLE_69_KV_TB1 55790	27.51 1.94 -2.53	25.61 1.75 -3.05	22.53 1.47 -3.19	21.71 1.39 -2.99	21.54 1.42 -2.35	25.86 1.67 -3.56	27.68 1.75 -5.12	29.79 2.06 -6.93	32.01 2.25 -8.91	32.42 2.30 -9.23	31.89 2.42 -7.10	31.91 2.27 -8.78	33.92 2.32 -10.73	33.84 2.29 -11.13	37.35 2.28 -14.53	37.47 2.21 -15.68	40.60 2.21 -19.37	43.36 2.37 -20.02	39.66 2.35 -16.30	36.22 2.37 -12.11	39.96 2.54 -13.68	32.98 2.47 -7.23	32.58 2.30 -9.36	28.31 1.91 -5.89
BROOME_2_LFGE 323671	23.56 0.28 -0.23	21.30 0.08 -0.41	18.74 0.09 -0.78	18.15 0.05 -0.76	18.35 0.05 -0.53	20.99 0.08 -0.28	21.90 0.15 -0.95	22.55 0.08 -1.66	22.68 0.15 -1.68	23.33 0.21 -2.23	23.88 0.25 -1.26	23.37 0.15 -2.37	23.52 0.15 -2.50	23.91 0.18 -3.30	23.85 0.18 -3.13	23.13 0.20 -3.36	25.05 0.11 -5.91	27.47 0.32 -6.17	26.54 0.36 -5.18	26.04 0.39 -3.91	26.04 0.33 -1.96	24.44 0.35 -0.81	21.94 0.17 -0.86	21.11 0.12 -0.48
BROOME___LFGE 323600	23.56 0.28 -0.23	21.30 0.08 -0.41	18.74 0.09 -0.78	18.15 0.05 -0.76	18.35 0.05 -0.53	20.99 0.08 -0.28	21.90 0.15 -0.95	22.55 0.08 -1.66	22.68 0.15 -1.68	23.33 0.21 -2.23	23.88 0.25 -1.26	23.37 0.15 -2.37	23.52 0.15 -2.50	23.91 0.18 -3.30	23.85 0.18 -3.13	23.13 0.20 -3.36	25.05 0.11 -5.91	27.47 0.32 -6.17	26.54 0.36 -5.18	26.04 0.39 -3.91	26.04 0.33 -1.96	24.44 0.35 -0.81	21.94 0.17 -0.86	21.11 0.12 -0.48
BROWNFLS_115KV_TB_3_5 80003	22.42 -0.65 -0.02	20.26 -0.58 -0.04	17.35 -0.59 -0.07	16.85 -0.55 -0.07	17.34 -0.48 -0.05	20.03 -0.62 -0.03	20.37 -0.52 -0.08	20.43 -0.52 -0.14	20.36 -0.63 -0.13	20.40 -0.67 -0.18	21.73 -0.74 -0.10	20.37 -0.67 -0.19	20.38 -0.69 -0.20	19.91 -0.78 -0.26	19.99 -0.80 -0.25	19.07 -0.76 -0.26	18.75 -0.74 -0.47	20.60 -0.86 -0.49	20.61 -0.80 -0.41	21.27 -0.78 -0.31	23.37 -0.81 -0.43	22.73 -0.81 -0.26	20.24 -0.75 -0.08	19.82 -0.74 -0.05
BROWNSV1_27_KV_LOAD 356125	25.47 1.68 -0.74	23.63 1.52 -1.30	21.59 1.27 -2.45	20.91 1.18 -2.39	20.67 1.23 -1.67	22.96 1.44 -0.89	25.20 1.50 -2.89	27.81 1.94 -5.07	28.13 2.13 -5.15	29.89 2.17 -6.82	28.50 2.28 -3.85	30.26 2.15 -7.26	30.99 2.23 -7.89	33.13 2.19 -10.52	32.63 2.16 -9.94	32.40 2.11 -10.71	40.18 2.11 -19.05	43.13 2.27 -19.89	39.45 2.20 -16.24	35.93 2.22 -11.97	31.72 2.40 -5.58	27.58 2.35 -1.95	26.02 2.22 -2.89	23.84 1.72 -1.60
BURROWS___LYONSDAL 23803	23.37 0.30 -0.03	21.06 0.21 -0.05	18.02 0.05 -0.09	17.48 0.05 -0.09	17.92 0.09 -0.06	20.78 0.12 -0.03	21.17 0.25 -0.11	21.27 0.27 -0.19	21.23 0.19 -0.19	21.29 0.15 -0.25	22.76 0.25 -0.14	21.30 0.19 -0.27	21.34 0.19 -0.28	20.85 0.06 -0.37	20.91 0.02 -0.35	19.89 -0.06 -0.38	19.61 -0.08 -0.66	21.78 0.10 -0.69	21.75 0.17 -0.58	22.38 0.20 -0.44	24.49 0.28 -0.46	23.77 0.23 -0.26	21.13 0.10 -0.11	20.66 0.08 -0.06
CAITHNESS_CC_1 323624	28.06 2.49 -2.53	26.05 2.18 -3.05	22.98 1.91 -3.19	22.15 1.82 -2.99	21.96 1.85 -2.35	26.35 2.17 -3.56	28.17 2.23 -5.13	30.30 2.56 -6.94	32.56 2.79 -8.92	36.95 2.82 -13.24	35.77 2.75 -10.64	37.53 2.52 -14.16	45.92 2.57 -22.48	49.85 2.51 -26.92	82.88 2.51 -59.84	84.32 2.43 -62.32	124.09 2.40 -102.66	124.22 2.60 -100.64	111.02 2.54 -87.48	71.46 2.67 -47.04	44.44 2.97 -17.73	37.61 3.02 -11.30	33.12 2.82 -9.39	28.79 2.38 -5.90
CALPINE BETH_PAGE_GT4 24209	27.55 1.98 -2.53	25.65 1.79 -3.05	22.56 1.50 -3.19	21.75 1.42 -2.99	21.57 1.46 -2.35	25.92 1.73 -3.56	27.72 1.79 -5.12	29.84 2.10 -6.93	31.97 2.21 -8.91	32.47 2.24 -9.34	31.83 2.26 -7.19	31.81 2.11 -8.86	34.63 2.21 -11.54	34.03 2.19 -11.42	37.84 2.18 -15.13	37.98 2.11 -16.30	41.58 2.09 -20.46	44.32 2.27 -21.08	40.60 2.29 -17.31	36.72 2.30 -12.67	40.00 2.47 -13.79	33.04 2.47 -7.29	32.56 2.28 -9.36	28.39 1.99 -5.89
CALPINE_BETH_PAGE_GT_4 323586	27.60 2.03 -2.53	25.65 1.79 -3.05	22.58 1.52 -3.19	21.76 1.44 -2.99	21.59 1.47 -2.35	25.94 1.75 -3.56	27.75 1.81 -5.13	29.85 2.10 -6.94	31.95 2.19 -8.91	32.47 2.24 -9.34	31.82 2.26 -7.19	31.88 2.10 -8.93	34.63 2.21 -11.54	34.03 2.19 -11.42	37.84 2.18 -15.13	38.00 2.13 -16.30	41.58 2.09 -20.46	44.30 2.25 -21.08	40.49 2.18 -17.31	36.67 2.26 -12.67	40.03 2.47 -13.82	33.10 2.47 -7.35	32.55 2.26 -9.38	28.40 1.99 -5.90
CALPINE_BP_GT1 23823	27.60 2.03 -2.53	25.65 1.79 -3.05	22.58 1.52 -3.19	21.76 1.44 -2.99	21.59 1.47 -2.35	25.94 1.75 -3.56	27.75 1.81 -5.13	29.85 2.10 -6.94	31.95 2.19 -8.91	32.47 2.24 -9.34	31.82 2.26 -7.19	31.88 2.10 -8.93	34.63 2.21 -11.54	34.03 2.19 -11.42	37.84 2.18 -15.13	38.00 2.13 -16.30	41.58 2.09 -20.46	44.30 2.25 -21.08	40.49 2.18 -17.31	36.67 2.26 -12.67	40.03 2.47 -13.82	33.10 2.47 -7.35	32.55 2.26 -9.38	28.40 1.99 -5.90
CALSPAN___DRP 24200	22.78 -0.39 -0.12	20.50 -0.52 -0.22	17.78 -0.50 -0.41	17.22 -0.52 -0.40	17.45 -0.60 -0.28	20.09 -0.68 -0.15	20.69 -0.60 -0.48	20.74 -0.92 -0.85	20.94 -0.79 -0.89	21.42 -0.65 -1.18	22.37 -0.67 -0.66	21.29 -0.81 -1.25	21.40 -0.79 -1.32	21.49 -0.67 -1.74	21.52 -0.68 -1.65	20.59 -0.76 -1.78	21.35 -0.80 -3.12	23.84 -0.40 -3.26	23.44 -0.29 -2.74	23.57 -0.24 -2.06	24.23 -0.47 -0.96	23.48 -0.14 -0.34	20.91 -0.50 -0.50	20.46 -0.33 -0.28
CALVERTON___SOLAR 323806	28.31 2.74 -2.53	26.25 2.39 -3.05	23.13 2.07 -3.19	22.32 1.99 -2.99	22.14 2.03 -2.35	26.56 2.37 -3.56	28.39 2.45 -5.13	30.53 2.79 -6.94	32.79 3.02 -8.92	37.22 3.05 -13.27	36.07 3.02 -10.67	37.83 2.77 -14.21	46.26 2.84 -22.55	50.25 2.78 -27.05	83.53 2.77 -60.22	84.98 2.70 -62.71	125.05 2.66 -103.36	125.19 2.90 -101.31	111.94 2.86 -88.08	72.08 3.00 -47.34	44.81 3.30 -17.77	37.97 3.35 -11.34	33.38 3.08 -9.39	29.02 2.61 -5.90
CANDIGU_WT_PWR 323617	23.35 0.14 -0.16	20.88 -0.21 -0.28	18.30 -0.11 -0.53	17.70 -0.16 -0.52	17.94 -0.20 -0.36	20.65 -0.17 -0.20	21.34 -0.12 -0.65	21.55 -0.40 -1.14	21.65 -0.35 -1.16	22.16 -0.27 -1.54	22.95 -0.29 -0.87	22.02 -0.46 -1.63	22.16 -0.44 -1.72	22.33 -0.37 -2.28	22.33 -0.37 -2.16	21.56 -0.33 -2.32	22.65 -0.46 -4.08	25.11 -0.13 -4.26	24.55 -0.02 -3.58	24.50 0.07 -2.69	25.01 -0.05 -1.32	23.90 0.09 -0.53	21.32 -0.19 -0.60	20.64 -0.21 -0.33
CARR STREET_E_SYR 24060	23.04 -0.07 -0.07	20.76 -0.17 -0.12	17.95 -0.14 -0.22	17.40 -0.16 -0.22	17.76 -0.16 -0.15	20.52 -0.19 -0.08	20.99 -0.10 -0.28	21.14 -0.17 -0.50	21.21 -0.14 -0.50	21.46 -0.10 -0.67	22.71 -0.04 -0.38	21.46 -0.10 -0.71	21.52 -0.10 -0.75	21.31 -0.10 -0.99	21.40 -0.08 -0.94	20.51 -0.08 -1.01	20.67 -0.13 -1.78	22.83 0.00 -1.86	22.58 0.02 -1.56	22.94 0.02 -1.17	24.56 -0.09 -0.92	23.66 -0.12 -0.49	20.98 -0.19 -0.25	20.53 -0.12 -0.14

CARTHAGE___PAPER 23857	23.06 -0.02 -0.04	20.77 -0.10 -0.06	17.74 -0.25 -0.12	17.23 -0.23 -0.12	17.67 -0.18 -0.08	20.48 -0.19 -0.04	20.95 0.02 -0.12	21.00 -0.02 -0.22	20.88 -0.19 -0.22	20.91 -0.27 -0.29	22.25 -0.29 -0.16	20.89 -0.27 -0.31	20.95 -0.25 -0.33	20.44 -0.41 -0.43	20.50 -0.45 -0.41	19.44 -0.57 -0.44	19.30 -0.49 -0.77	21.42 -0.36 -0.80	21.44 -0.23 -0.67	22.10 -0.15 -0.51	24.49 -0.07 -0.82	23.67 -0.12 -0.51	20.82 -0.23 -0.13	20.34 -0.25 -0.07
CASSADAGA_WT_PWR 323784	23.59 0.42 -0.13	20.93 -0.10 -0.23	18.32 0.02 -0.43	17.70 -0.05 -0.42	17.97 -0.09 -0.29	20.76 -0.02 -0.16	21.37 0.04 -0.52	21.39 -0.33 -0.91	21.47 -0.31 -0.93	21.91 -0.21 -1.23	22.82 -0.25 -0.69	21.64 -0.52 -1.31	21.77 -0.48 -1.38	21.92 -0.33 -1.82	21.90 -0.37 -1.73	21.18 -0.26 -1.86	21.85 -0.44 -3.27	24.35 -0.04 -3.41	23.99 0.13 -2.86	24.16 0.26 -2.16	24.76 0.10 -0.92	24.00 0.40 -0.32	21.33 -0.06 -0.48	20.78 0.00 -0.27
CE_DUNWOOD___DRP 24194	25.19 1.41 -0.74	23.37 1.27 -1.29	21.39 1.07 -2.44	20.73 1.01 -2.38	20.47 1.03 -1.67	22.73 1.22 -0.89	24.96 1.27 -2.88	27.44 1.58 -5.05	27.71 1.73 -5.13	29.47 1.78 -6.80	28.09 1.88 -3.84	29.86 1.77 -7.24	30.57 1.84 -7.86	32.71 1.80 -10.49	32.24 1.79 -9.91	31.99 1.74 -10.68	39.77 1.75 -18.99	42.72 1.91 -19.83	39.07 1.87 -16.20	35.55 1.87 -11.93	31.33 2.02 -5.57	27.18 1.96 -1.95	25.59 1.80 -2.88	23.52 1.42 -1.60
CE_MILLWOOD___DRP 24193	25.14 1.36 -0.73	23.32 1.23 -1.29	21.34 1.04 -2.43	20.68 0.97 -2.37	20.42 1.00 -1.66	22.69 1.18 -0.89	24.91 1.23 -2.87	27.37 1.54 -5.03	27.65 1.69 -5.11	29.38 1.71 -6.77	28.00 1.81 -3.82	29.76 1.71 -7.20	30.47 1.77 -7.82	32.62 1.76 -10.44	32.14 1.75 -9.86	31.90 1.70 -10.62	39.63 1.71 -18.89	42.56 1.85 -19.73	38.94 1.83 -16.12	35.42 1.80 -11.88	31.23 1.95 -5.54	27.12 1.91 -1.94	25.51 1.74 -2.86	23.48 1.37 -1.59
CE_NYC2_DRP 24202	25.37 1.59 -0.74	23.52 1.41 -1.30	21.52 1.20 -2.45	20.84 1.11 -2.39	20.58 1.14 -1.67	22.82 1.30 -0.89	25.03 1.33 -2.89	27.68 1.81 -5.07	27.96 1.96 -5.15	29.74 2.03 -6.82	28.32 2.10 -3.85	30.11 2.00 -7.26	30.87 2.11 -7.89	33.01 2.06 -10.53	32.52 2.03 -9.95	32.27 1.98 -10.72	40.06 1.98 -19.05	42.90 2.03 -19.89	39.24 1.99 -16.24	35.71 2.00 -11.97	31.56 2.23 -5.58	27.40 2.16 -1.95	25.90 2.09 -2.89	23.71 1.60 -1.60
CE_NYC_DRP 24195	25.28 1.50 -0.74	23.48 1.37 -1.30	21.47 1.14 -2.45	20.79 1.06 -2.39	20.54 1.10 -1.67	22.82 1.30 -0.89	25.05 1.35 -2.89	27.64 1.77 -5.07	27.96 1.96 -5.15	29.72 2.01 -6.82	28.32 2.10 -3.85	30.09 1.98 -7.26	30.80 2.05 -7.89	32.94 2.00 -10.52	32.47 1.99 -9.94	32.22 1.94 -10.71	40.01 1.94 -19.05	42.92 2.06 -19.89	39.24 1.99 -16.24	35.71 2.00 -11.97	31.51 2.18 -5.58	27.37 2.14 -1.95	25.83 2.03 -2.89	23.67 1.56 -1.60
CHAFFEE___LFGE 323603	22.99 -0.19 -0.13	20.45 -0.58 -0.22	17.92 -0.38 -0.42	17.34 -0.42 -0.41	17.58 -0.48 -0.29	20.28 -0.50 -0.15	20.85 -0.48 -0.52	20.80 -0.92 -0.91	21.02 -0.75 -0.92	21.48 -0.63 -1.22	22.46 -0.60 -0.69	21.37 -0.77 -1.30	21.51 -0.73 -1.37	21.62 -0.61 -1.81	21.64 -0.62 -1.71	20.90 -0.51 -1.84	21.54 -0.72 -3.23	24.04 -0.31 -3.38	23.63 -0.21 -2.84	23.73 -0.15 -2.14	24.28 -0.38 -0.92	23.51 -0.09 -0.32	20.91 -0.48 -0.47	20.34 -0.43 -0.26
CHATEAUG_35_KV_LOAD 355732	22.70 -0.35 0.00	20.60 -0.21 0.00	17.73 -0.14 0.00	17.25 -0.09 0.00	17.68 -0.09 0.00	20.54 -0.08 0.00	20.70 -0.10 0.00	20.68 -0.12 0.00	20.68 -0.17 0.00	20.66 -0.23 0.00	22.06 -0.31 0.00	20.56 -0.29 0.00	20.48 -0.40 0.00	20.01 -0.41 0.00	20.11 -0.43 0.00	19.10 -0.47 0.00	18.57 -0.46 0.00	20.31 -0.67 0.00	20.33 -0.67 0.00	21.05 -0.70 0.00	22.98 -0.76 0.00	22.56 -0.72 0.00	20.39 -0.52 0.00	20.08 -0.43 0.00
CHATEAUG_WT_PWR 323614	22.72 -0.32 0.00	20.68 -0.12 0.00	17.73 -0.14 0.00	17.27 -0.07 0.00	17.70 -0.07 0.00	20.56 -0.06 0.00	20.77 -0.04 0.00	20.73 -0.08 0.00	20.72 -0.12 0.00	20.68 -0.21 0.00	22.11 -0.27 0.00	20.60 -0.25 0.00	20.52 -0.35 0.00	20.03 -0.39 0.00	20.13 -0.41 0.00	19.05 -0.53 0.00	18.59 -0.44 0.00	20.33 -0.65 0.00	20.33 -0.67 0.00	21.07 -0.67 0.00	22.98 -0.76 0.00	22.56 -0.72 0.00	20.39 -0.52 0.00	20.08 -0.43 0.00
CHAT_HIGH_FALL_HYD 323578	22.72 -0.32 0.00	20.68 -0.12 0.00	17.73 -0.14 0.00	17.25 -0.09 0.00	17.68 -0.09 0.00	20.54 -0.08 0.00	20.75 -0.06 0.00	20.70 -0.10 0.00	20.68 -0.17 0.00	20.66 -0.23 0.00	22.06 -0.31 0.00	20.56 -0.29 0.00	20.47 -0.40 0.00	20.01 -0.41 0.00	20.11 -0.43 0.00	19.05 -0.53 0.00	18.57 -0.46 0.00	20.30 -0.67 0.00	20.31 -0.69 0.00	21.05 -0.70 0.00	22.98 -0.76 0.00	22.56 -0.72 0.00	20.39 -0.52 0.00	20.08 -0.43 0.00
CHAUTAUQUA___LFGE 323629	23.43 0.25 -0.13	20.80 -0.23 -0.22	18.22 -0.07 -0.42	17.61 -0.14 -0.41	17.86 -0.20 -0.29	20.64 -0.14 -0.15	21.20 -0.12 -0.51	21.19 -0.52 -0.90	21.35 -0.42 -0.91	21.81 -0.29 -1.21	22.72 -0.33 -0.68	21.60 -0.54 -1.29	21.73 -0.50 -1.36	21.87 -0.35 -1.80	21.87 -0.37 -1.70	21.13 -0.27 -1.83	21.77 -0.47 -3.22	24.27 -0.06 -3.36	23.88 0.06 -2.82	24.04 0.17 -2.12	24.63 -0.02 -0.91	23.85 0.26 -0.32	21.22 -0.17 -0.47	20.65 -0.12 -0.26
CHERRYST_13_KV_LD 356241	25.35 1.57 -0.74	23.54 1.44 -1.30	21.52 1.20 -2.45	20.84 1.11 -2.39	20.60 1.16 -1.67	22.88 1.36 -0.89	25.12 1.41 -2.89	27.73 1.85 -5.07	28.04 2.04 -5.15	29.81 2.09 -6.82	28.41 2.19 -3.85	30.17 2.06 -7.26	30.91 2.15 -7.89	33.05 2.10 -10.52	32.55 2.07 -9.94	32.32 2.04 -10.71	40.11 2.04 -19.05	43.03 2.16 -19.89	39.32 2.08 -16.24	35.80 2.09 -11.97	31.58 2.26 -5.58	27.44 2.21 -1.95	25.89 2.09 -2.89	23.71 1.60 -1.60
CHESTROR_138KV_BK263 355645	24.85 1.13 -0.67	23.01 1.02 -1.18	20.96 0.86 -2.23	20.31 0.80 -2.17	20.11 0.82 -1.52	22.41 0.97 -0.81	24.44 1.00 -2.63	26.62 1.21 -4.61	26.85 1.31 -4.68	28.44 1.34 -6.21	27.30 1.43 -3.50	28.79 1.33 -6.60	29.40 1.38 -7.15	31.32 1.37 -9.53	30.90 1.36 -9.00	30.61 1.33 -9.70	37.63 1.37 -17.23	40.47 1.49 -18.00	37.21 1.47 -14.74	34.10 1.48 -10.88	30.41 1.59 -5.08	26.59 1.54 -1.78	24.94 1.40 -2.62	23.08 1.11 -1.46
CH_MIDHUDSON___DRP 24192	25.16 1.36 -0.76	23.36 1.23 -1.33	21.42 1.04 -2.51	20.77 0.99 -2.44	20.48 1.00 -1.71	22.72 1.18 -0.92	24.97 1.21 -2.96	27.41 1.41 -5.18	27.63 1.50 -5.28	29.41 1.53 -6.99	27.95 1.63 -3.94	29.81 1.52 -7.44	30.45 1.59 -8.00	32.61 1.55 -10.63	32.15 1.56 -10.05	31.90 1.51 -10.82	39.74 1.54 -19.17	42.70 1.70 -20.02	39.19 1.68 -16.51	35.68 1.67 -12.26	31.26 1.80 -5.72	27.05 1.77 -2.00	25.46 1.59 -2.95	23.44 1.29 -1.64
CH_MISC_IPPS 23765	25.30 1.52 -0.74	23.44 1.33 -1.30	21.47 1.14 -2.45	20.80 1.08 -2.39	20.53 1.08 -1.67	22.82 1.30 -0.90	25.02 1.31 -2.90	27.43 1.54 -5.08	27.57 1.58 -5.14	29.33 1.63 -6.81	27.98 1.77 -3.84	29.74 1.65 -7.24	30.40 1.71 -7.81	32.50 1.67 -10.40	32.06 1.68 -9.83	31.82 1.66 -10.59	39.48 1.67 -18.78	42.44 1.85 -19.61	38.94 1.83 -16.12	35.51 1.83 -11.94	31.31 1.95 -5.62	27.15 1.91 -1.96	25.51 1.69 -2.90	23.52 1.40 -1.61

CH_RES_BVR_FALLS 23983	22.72 -0.32 0.00	20.60 -0.21 0.00	17.68 -0.20 0.00	17.17 -0.17 0.00	17.61 -0.16 0.00	20.42 -0.21 0.00	20.60 -0.21 0.00	20.60 -0.21 0.00	20.62 -0.23 0.00	20.62 -0.27 0.00	22.08 -0.29 0.00	20.60 -0.25 0.00	20.60 -0.27 0.00	20.16 -0.27 0.00	20.25 -0.29 0.00	19.28 -0.29 0.00	18.78 -0.25 0.00	20.62 -0.36 0.00	20.62 -0.38 0.00	21.35 -0.39 0.00	23.31 -0.43 0.00	22.86 -0.42 0.00	20.60 -0.31 0.00	20.24 -0.27 0.00
CH_RES_NIAGARA 23895	22.56 -0.60 -0.11	20.09 -0.92 -0.20	17.64 -0.61 -0.38	17.05 -0.66 -0.37	17.28 -0.75 -0.26	19.96 -0.80 -0.14	20.35 -0.92 -0.46	20.14 -1.48 -0.81	20.36 -1.31 -0.82	20.81 -1.17 -1.09	21.73 -1.25 -0.61	20.65 -1.35 -1.15	20.75 -1.34 -1.22	20.83 -1.20 -1.61	20.85 -1.21 -1.53	20.17 -1.04 -1.64	20.57 -1.33 -2.88	23.04 -0.94 -3.01	22.68 -0.84 -2.53	22.82 -0.83 -1.90	23.44 -1.12 -0.82	22.84 -0.72 -0.29	20.33 -1.00 -0.42	19.95 -0.80 -0.23
CH_RES_SYRACUSE 23985	23.24 0.12 -0.07	20.92 -0.02 -0.13	18.10 -0.02 -0.25	17.54 -0.03 -0.24	17.89 -0.05 -0.17	20.67 -0.04 -0.09	21.34 0.23 -0.31	21.51 0.17 -0.54	21.56 0.17 -0.54	21.84 0.23 -0.72	23.12 0.34 -0.41	21.85 0.23 -0.77	21.89 0.21 -0.81	21.69 0.20 -1.07	21.80 0.25 -1.01	20.88 0.22 -1.09	21.09 0.15 -1.91	23.31 0.33 -2.00	23.03 0.36 -1.68	23.37 0.37 -1.26	25.09 0.02 -1.32	24.06 0.00 -0.78	21.11 -0.08 -0.28	20.64 -0.02 -0.15
CLINTON_WT_PWR 323605	22.72 -0.32 0.00	20.68 -0.12 0.00	17.73 -0.14 0.00	17.27 -0.07 0.00	17.70 -0.07 0.00	20.56 -0.06 0.00	20.77 -0.04 0.00	20.73 -0.08 0.00	20.72 -0.12 0.00	20.68 -0.21 0.00	22.11 -0.27 0.00	20.60 -0.25 0.00	20.52 -0.35 0.00	20.03 -0.39 0.00	20.13 -0.41 0.00	19.05 -0.53 0.00	18.59 -0.44 0.00	20.33 -0.65 0.00	20.33 -0.67 0.00	21.07 -0.67 0.00	22.98 -0.76 0.00	22.56 -0.72 0.00	20.39 -0.52 0.00	20.08 -0.43 0.00
CLINTON___LFGE 323618	22.95 -0.09 0.00	20.89 0.08 0.00	17.89 0.02 0.00	17.43 0.09 0.00	17.84 0.07 0.00	20.75 0.12 0.00	20.95 0.15 0.00	20.91 0.10 0.00	20.91 0.06 0.00	20.89 0.00 0.00	22.31 -0.07 0.00	20.77 -0.08 0.00	20.66 -0.21 0.00	20.18 -0.24 0.00	20.27 -0.27 0.00	19.20 -0.37 0.00	18.74 -0.28 0.00	20.52 -0.46 0.00	20.52 -0.48 0.00	21.26 -0.48 0.00	23.20 -0.55 0.00	22.74 -0.53 0.00	20.58 -0.34 0.00	20.24 -0.27 0.00
COBBLENY_34_KV_TB1 80064	22.78 -0.39 -0.13	20.49 -0.54 -0.22	17.78 -0.52 -0.42	17.21 -0.54 -0.41	17.44 -0.62 -0.29	20.10 -0.68 -0.15	20.71 -0.60 -0.50	20.79 -0.89 -0.88	21.02 -0.75 -0.92	21.48 -0.63 -1.22	22.46 -0.60 -0.69	21.37 -0.77 -1.30	21.51 -0.73 -1.37	21.62 -0.61 -1.81	21.64 -0.62 -1.71	20.71 -0.70 -1.84	21.54 -0.72 -3.23	24.02 -0.34 -3.38	23.60 -0.23 -2.84	23.73 -0.15 -2.14	24.36 -0.38 -1.00	23.53 -0.09 -0.35	20.95 -0.48 -0.51	20.47 -0.33 -0.29
COFFEEN___115KV_TB3 355620	23.50 0.41 -0.04	21.13 0.25 -0.07	18.01 0.00 -0.13	17.49 0.02 -0.13	17.91 0.05 -0.09	20.78 0.10 -0.05	21.57 0.60 -0.16	21.63 0.54 -0.28	21.36 0.27 -0.24	21.40 0.19 -0.32	22.80 0.25 -0.18	21.44 0.25 -0.34	21.48 0.25 -0.35	20.87 -0.02 -0.47	20.88 -0.10 -0.44	19.89 -0.16 -0.48	19.71 -0.15 -0.84	21.77 -0.08 -0.88	21.82 0.08 -0.74	22.49 0.20 -0.55	25.08 0.36 -0.98	24.17 0.28 -0.62	21.13 0.06 -0.16	20.66 0.06 -0.09
COLDSPRG_115KV_BK1 355956	23.18 0.00 -0.13	20.86 -0.19 -0.23	18.07 -0.25 -0.44	17.49 -0.28 -0.43	17.73 -0.34 -0.30	20.48 -0.31 -0.16	21.19 -0.15 -0.52	21.39 -0.33 -0.92	21.54 -0.27 -0.96	22.00 -0.17 -1.27	22.93 -0.16 -0.72	21.76 -0.44 -1.35	21.90 -0.40 -1.43	22.04 -0.27 -1.89	22.02 -0.31 -1.79	21.08 -0.41 -1.92	22.00 -0.40 -3.38	24.48 -0.02 -3.53	24.07 0.10 -2.96	24.19 0.22 -2.23	24.85 0.07 -1.04	24.01 0.37 -0.36	21.37 -0.08 -0.54	20.83 0.02 -0.30
COLONIE_LFGE___ 323577	25.05 1.06 -0.95	23.39 0.91 -1.66	21.80 0.79 -3.14	21.18 0.78 -3.06	20.71 0.80 -2.14	22.68 0.91 -1.15	25.43 0.91 -3.71	28.29 0.98 -6.50	28.48 1.02 -6.61	30.68 1.02 -8.76	28.43 1.12 -4.94	31.17 1.00 -9.32	31.33 0.98 -9.48	33.76 0.96 -12.38	33.28 0.97 -11.78	33.07 0.90 -12.60	41.69 0.86 -21.81	44.76 1.01 -22.77	41.89 1.05 -19.84	38.22 1.11 -15.37	32.27 1.19 -7.34	27.03 1.19 -2.57	25.71 1.00 -3.79	23.50 0.88 -2.11
COOPERNY_115KV_TB1 80082	24.40 0.85 -0.50	22.46 0.77 -0.89	20.17 0.63 -1.67	19.56 0.59 -1.63	19.52 0.60 -1.14	21.94 0.70 -0.61	23.51 0.73 -1.98	25.18 0.92 -3.46	25.37 1.00 -3.52	26.59 1.02 -4.67	26.10 1.10 -2.63	26.82 1.00 -4.97	27.29 1.06 -5.35	28.58 1.04 -7.12	28.32 1.05 -6.73	27.84 1.02 -7.24	32.90 1.03 -12.84	35.52 1.13 -13.41	33.15 1.11 -11.04	31.06 1.13 -8.19	28.77 1.21 -3.82	25.80 1.19 -1.34	23.93 1.05 -1.97	22.45 0.84 -1.10
COPENHAGEN_WT_PWR 323753	23.25 0.16 -0.04	20.90 0.02 -0.07	17.89 -0.12 -0.14	17.35 -0.12 -0.13	17.79 -0.07 -0.09	20.61 -0.06 -0.05	21.10 0.15 -0.15	21.15 0.08 -0.25	21.02 -0.08 -0.26	21.09 -0.15 -0.34	22.43 -0.13 -0.19	21.09 -0.12 -0.36	21.13 -0.12 -0.38	20.64 -0.29 -0.51	20.69 -0.33 -0.48	19.66 -0.43 -0.52	19.55 -0.38 -0.91	21.69 -0.23 -0.95	21.71 -0.08 -0.80	22.32 -0.02 -0.60	24.85 0.10 -1.01	23.96 0.05 -0.64	20.96 -0.10 -0.15	20.50 -0.10 -0.09
CORNELL____ 23752	23.78 0.58 -0.16	21.51 0.42 -0.29	18.68 0.27 -0.54	18.11 0.24 -0.53	18.39 0.25 -0.37	21.15 0.33 -0.20	21.97 0.52 -0.64	22.41 0.48 -1.12	22.50 0.46 -1.19	22.95 0.48 -1.58	23.85 0.58 -0.89	22.95 0.42 -1.68	23.08 0.44 -1.77	23.17 0.41 -2.34	23.17 0.41 -2.22	22.31 0.35 -2.38	23.56 0.34 -4.19	25.96 0.61 -4.38	25.37 0.69 -3.68	25.25 0.74 -2.77	26.11 0.64 -1.73	24.66 0.61 -0.78	21.96 0.38 -0.67	21.25 0.37 -0.37
CORONAAV_69_KV_TB1 355595	27.55 1.98 -2.53	25.65 1.79 -3.05	22.56 1.50 -3.19	21.75 1.42 -2.99	21.57 1.46 -2.35	25.90 1.71 -3.56	27.68 1.75 -5.12	29.79 2.06 -6.92	31.95 2.19 -8.91	32.30 2.21 -9.19	31.74 2.30 -7.06	31.73 2.15 -8.73	33.87 2.28 -10.73	33.74 2.25 -11.08	37.31 2.24 -14.53	37.43 2.17 -15.68	40.56 2.17 -19.37	43.34 2.35 -20.02	39.63 2.37 -16.26	36.16 2.37 -12.05	39.93 2.54 -13.65	32.94 2.47 -7.20	32.60 2.32 -9.36	28.35 1.95 -5.89
CORTLAND_115KV_TB3 80093	23.55 0.37 -0.13	21.29 0.25 -0.23	18.45 0.14 -0.44	17.89 0.12 -0.43	18.19 0.12 -0.30	20.95 0.17 -0.16	21.64 0.31 -0.52	22.01 0.29 -0.91	22.11 0.29 -0.97	22.49 0.31 -1.28	23.48 0.38 -0.72	22.49 0.27 -1.37	22.58 0.27 -1.44	22.59 0.27 -1.90	22.63 0.29 -1.80	21.75 0.23 -1.94	22.64 0.21 -3.41	24.93 0.40 -3.56	24.45 0.46 -2.99	24.49 0.50 -2.25	25.67 0.43 -1.50	24.38 0.40 -0.71	21.69 0.23 -0.54	21.04 0.23 -0.30
COXSACKIE___GT 23611	25.42 1.50 -0.88	23.62 1.27 -1.55	21.88 1.09 -2.92	21.24 1.06 -2.84	20.86 1.10 -1.99	22.99 1.30 -1.07	25.63 1.37 -3.45	28.12 1.27 -6.04	28.05 1.06 -6.14	30.08 1.04 -8.14	28.01 1.05 -4.59	30.39 0.88 -8.66	30.74 0.86 -9.01	33.18 0.90 -11.86	32.76 0.97 -11.25	32.54 0.90 -12.07	41.10 0.97 -21.10	44.27 1.26 -22.04	41.12 1.36 -18.75	37.56 1.54 -14.28	32.17 1.66 -6.76	27.23 1.58 -2.36	25.64 1.23 -3.50	23.56 1.11 -1.94

CPV_VALLEY___CC1 323721	24.62 0.97 -0.61	22.74 0.85 -1.08	20.64 0.73 -2.03	19.99 0.68 -1.98	19.85 0.69 -1.39	22.19 0.83 -0.74	24.04 0.83 -2.40	26.08 1.06 -4.21	26.27 1.15 -4.27	27.74 1.19 -5.66	26.82 1.25 -3.19	28.04 1.17 -6.02	28.61 1.23 -6.51	30.30 1.20 -8.68	29.95 1.21 -8.20	29.60 1.19 -8.83	35.90 1.20 -15.68	38.65 1.30 -16.37	35.71 1.28 -13.43	32.95 1.28 -9.93	29.76 1.38 -4.64	26.25 1.35 -1.62	24.52 1.21 -2.40	22.79 0.94 -1.33
CPV_VALLEY___CC2 323722	24.62 0.97 -0.61	22.74 0.85 -1.08	20.64 0.73 -2.03	19.99 0.68 -1.98	19.85 0.69 -1.39	22.19 0.83 -0.74	24.04 0.83 -2.40	26.08 1.06 -4.21	26.27 1.15 -4.27	27.74 1.19 -5.66	26.82 1.25 -3.19	28.04 1.17 -6.02	28.61 1.23 -6.51	30.30 1.20 -8.68	29.95 1.21 -8.20	29.60 1.19 -8.83	35.90 1.20 -15.68	38.65 1.30 -16.37	35.71 1.28 -13.43	32.95 1.28 -9.93	29.76 1.38 -4.64	26.25 1.35 -1.62	24.52 1.21 -2.40	22.79 0.94 -1.33
CRESCENT___HYD 24018	25.05 1.06 -0.95	23.39 0.91 -1.66	21.80 0.79 -3.14	21.18 0.78 -3.06	20.71 0.80 -2.14	22.68 0.91 -1.15	25.43 0.91 -3.71	28.29 0.98 -6.50	28.48 1.02 -6.61	30.68 1.02 -8.76	28.43 1.12 -4.94	31.17 1.00 -9.32	31.33 0.98 -9.48	33.76 0.96 -12.38	33.28 0.97 -11.78	33.07 0.90 -12.60	41.69 0.86 -21.81	44.76 1.01 -22.77	41.89 1.05 -19.84	38.22 1.11 -15.37	32.27 1.19 -7.34	27.03 1.19 -2.57	25.71 1.00 -3.79	23.50 0.88 -2.11
CRICKET___VALLEY_CC1 323756	24.96 1.13 -0.79	23.21 1.02 -1.38	21.37 0.89 -2.61	20.75 0.87 -2.54	20.44 0.89 -1.78	22.61 1.03 -0.95	24.89 1.00 -3.09	27.34 1.12 -5.40	27.58 1.25 -5.48	29.42 1.27 -7.26	27.81 1.34 -4.09	29.82 1.25 -7.72	26.28 1.27 -4.14	25.48 1.27 -3.79	25.97 1.27 -4.16	24.66 1.23 -3.85	23.21 1.24 -2.95	25.38 1.34 -3.06	32.93 1.32 -10.61	35.80 1.33 -12.73	31.15 1.42 -5.98	26.79 1.42 -2.09	25.32 1.32 -3.09	23.33 1.11 -1.72
CRICKET___VALLEY_CC2 323757	24.96 1.13 -0.79	23.21 1.02 -1.38	21.37 0.89 -2.61	20.75 0.87 -2.54	20.44 0.89 -1.78	22.61 1.03 -0.95	24.89 1.00 -3.09	27.34 1.12 -5.40	27.58 1.25 -5.48	29.42 1.27 -7.26	27.81 1.34 -4.09	29.82 1.25 -7.72	26.28 1.27 -4.14	25.48 1.27 -3.79	25.97 1.27 -4.16	24.66 1.23 -3.85	23.21 1.24 -2.95	25.38 1.34 -3.06	32.93 1.32 -10.61	35.80 1.33 -12.73	31.15 1.42 -5.98	26.79 1.42 -2.09	25.32 1.32 -3.09	23.33 1.11 -1.72
CRICKET___VALLEY_CC3 323758	24.96 1.13 -0.79	23.21 1.02 -1.38	21.37 0.89 -2.61	20.75 0.87 -2.54	20.44 0.89 -1.78	22.61 1.03 -0.95	24.89 1.00 -3.09	27.34 1.12 -5.40	27.58 1.25 -5.48	29.42 1.27 -7.26	27.81 1.34 -4.09	29.82 1.25 -7.72	26.28 1.27 -4.14	25.48 1.27 -3.79	25.97 1.27 -4.16	24.66 1.23 -3.85	23.21 1.24 -2.95	25.38 1.34 -3.06	32.93 1.32 -10.61	35.80 1.33 -12.73	31.15 1.42 -5.98	26.79 1.42 -2.09	25.32 1.32 -3.09	23.33 1.11 -1.72
CRUCIBLE_METL_DRP 24180	23.26 0.14 -0.07	20.98 0.04 -0.13	18.10 -0.02 -0.25	17.54 -0.03 -0.24	17.90 -0.04 -0.17	20.67 -0.04 -0.09	21.35 0.25 -0.29	21.51 0.19 -0.51	21.56 0.17 -0.54	21.84 0.23 -0.72	23.12 0.34 -0.41	21.84 0.23 -0.77	21.89 0.21 -0.81	21.69 0.20 -1.07	21.80 0.25 -1.01	20.84 0.18 -1.09	21.09 0.15 -1.91	23.31 0.34 -2.00	23.03 0.36 -1.68	23.37 0.37 -1.26	25.14 0.02 -1.38	24.08 0.00 -0.80	21.13 -0.08 -0.30	20.68 0.00 -0.17
DAHOWA___HYDRO 323763	25.22 1.22 -0.96	23.57 1.08 -1.68	21.96 0.91 -3.17	21.32 0.88 -3.10	20.84 0.91 -2.17	22.86 1.07 -1.16	25.71 1.14 -3.75	28.59 1.21 -6.57	28.74 1.21 -6.69	30.92 1.17 -8.86	28.67 1.30 -5.00	31.40 1.13 -9.43	31.58 1.06 -9.64	34.08 1.04 -12.62	33.61 1.07 -12.00	33.39 0.98 -12.84	42.27 0.95 -22.29	45.41 1.15 -23.28	42.39 1.24 -20.15	38.63 1.35 -15.54	32.68 1.47 -7.47	27.33 1.44 -2.61	25.90 1.13 -3.86	23.66 1.00 -2.14
DANC___LFGE 323619	23.12 0.02 -0.05	20.79 -0.10 -0.08	17.85 -0.18 -0.16	17.32 -0.17 -0.16	17.72 -0.16 -0.11	20.52 -0.17 -0.06	20.91 -0.08 -0.18	20.99 -0.14 -0.32	20.93 -0.25 -0.33	21.05 -0.27 -0.43	22.35 -0.27 -0.24	21.04 -0.27 -0.46	21.09 -0.27 -0.49	20.72 -0.35 -0.64	20.78 -0.37 -0.61	19.82 -0.41 -0.65	19.76 -0.42 -1.15	21.88 -0.29 -1.20	21.82 -0.19 -1.01	22.37 -0.13 -0.76	24.88 -0.09 -1.24	24.00 -0.07 -0.79	20.88 -0.21 -0.18	20.45 -0.16 -0.10
DANSKAMMER___1 23586	25.30 1.52 -0.74	23.44 1.33 -1.30	21.47 1.14 -2.45	20.80 1.08 -2.39	20.53 1.08 -1.67	22.82 1.30 -0.90	25.02 1.31 -2.90	27.43 1.54 -5.08	27.57 1.58 -5.14	29.33 1.63 -6.81	27.98 1.77 -3.84	29.74 1.65 -7.24	30.40 1.71 -7.81	32.50 1.67 -10.40	32.06 1.68 -9.83	31.82 1.66 -10.59	39.48 1.67 -18.78	42.44 1.85 -19.61	38.94 1.83 -16.12	35.51 1.83 -11.94	31.31 1.95 -5.62	27.15 1.91 -1.96	25.51 1.69 -2.90	23.52 1.40 -1.61
DANSKAMMER___2 23589	25.30 1.52 -0.74	23.44 1.33 -1.30	21.47 1.14 -2.45	20.80 1.08 -2.39	20.53 1.08 -1.67	22.82 1.30 -0.90	25.02 1.31 -2.90	27.43 1.54 -5.08	27.57 1.58 -5.14	29.33 1.63 -6.81	27.98 1.77 -3.84	29.74 1.65 -7.24	30.40 1.71 -7.81	32.50 1.67 -10.40	32.06 1.68 -9.83	31.82 1.66 -10.59	39.48 1.67 -18.78	42.44 1.85 -19.61	38.94 1.83 -16.12	35.51 1.83 -11.94	31.31 1.95 -5.62	27.15 1.91 -1.96	25.51 1.69 -2.90	23.52 1.40 -1.61
DANSKAMMER___3 23590	25.30 1.52 -0.74	23.44 1.33 -1.30	21.47 1.14 -2.45	20.80 1.08 -2.39	20.53 1.08 -1.67	22.82 1.30 -0.90	25.02 1.31 -2.90	27.43 1.54 -5.08	27.57 1.58 -5.14	29.33 1.63 -6.81	27.98 1.77 -3.84	29.74 1.65 -7.24	30.40 1.71 -7.81	32.50 1.67 -10.40	32.06 1.68 -9.83	31.82 1.66 -10.59	39.48 1.67 -18.78	42.44 1.85 -19.61	38.94 1.83 -16.12	35.51 1.83 -11.94	31.31 1.95 -5.62	27.15 1.91 -1.96	25.51 1.69 -2.90	23.52 1.40 -1.61
DANSKAMMER___4 23591	25.30 1.52 -0.74	23.44 1.33 -1.30	21.47 1.14 -2.45	20.80 1.08 -2.39	20.53 1.08 -1.67	22.82 1.30 -0.90	25.02 1.31 -2.90	27.43 1.54 -5.08	27.57 1.58 -5.14	29.33 1.63 -6.81	27.98 1.77 -3.84	29.74 1.65 -7.24	30.40 1.71 -7.81	32.50 1.67 -10.40	32.06 1.68 -9.83	31.82 1.66 -10.59	39.48 1.67 -18.78	42.44 1.85 -19.61	38.94 1.83 -16.12	35.51 1.83 -11.94	31.31 1.95 -5.62	27.15 1.91 -1.96	25.51 1.69 -2.90	23.52 1.40 -1.61
DANSKAMMER___DIESEL 23592	25.26 1.47 -0.74	23.44 1.33 -1.30	21.45 1.13 -2.45	20.79 1.06 -2.39	20.51 1.07 -1.67	22.80 1.28 -0.90	25.01 1.31 -2.89	27.41 1.54 -5.07	27.57 1.58 -5.14	29.33 1.63 -6.81	27.98 1.77 -3.84	29.74 1.65 -7.24	30.40 1.71 -7.81	32.50 1.67 -10.40	32.06 1.68 -9.83	31.80 1.64 -10.59	39.48 1.67 -18.78	42.44 1.85 -19.61	38.95 1.83 -16.12	35.51 1.83 -11.94	31.30 1.97 -5.59	27.14 1.91 -1.95	25.49 1.69 -2.89	23.49 1.37 -1.60
DARBY___SOLAR 323810	25.20 1.20 -0.95	23.53 1.04 -1.68	21.94 0.89 -3.17	21.30 0.87 -3.09	20.82 0.89 -2.16	22.83 1.05 -1.16	25.66 1.10 -3.75	28.54 1.16 -6.56	28.71 1.19 -6.68	30.91 1.17 -8.85	28.64 1.27 -4.99	31.39 1.13 -9.41	31.57 1.08 -9.62	34.07 1.06 -12.58	33.57 1.07 -11.97	33.38 1.00 -12.81	42.19 0.95 -22.22	45.31 1.13 -23.20	42.32 1.22 -20.11	38.57 1.30 -15.52	32.62 1.42 -7.45	27.28 1.40 -2.60	25.87 1.11 -3.85	23.63 0.98 -2.14

DASHVILLE___HYD 23610	24.80 0.99 -0.76	23.04 0.89 -1.34	21.14 0.73 -2.53	20.50 0.69 -2.47	20.19 0.69 -1.73	22.40 0.85 -0.92	24.69 0.89 -2.99	27.14 1.10 -5.23	27.35 1.17 -5.33	29.17 1.21 -7.06	27.68 1.32 -3.98	29.62 1.25 -7.52	30.19 1.31 -8.00	32.30 1.27 -10.61	31.85 1.27 -10.04	31.64 1.27 -10.80	39.43 1.35 -19.05	42.32 1.45 -19.90	38.96 1.41 -16.56	35.52 1.39 -12.39	31.01 1.50 -5.77	26.74 1.44 -2.02	25.21 1.32 -2.98	23.15 0.98 -1.66
DEERFIELD_69_KV_DEERFIELD LD 355887	28.91 3.34 -2.53	26.86 3.00 -3.05	23.62 2.56 -3.19	22.77 2.44 -2.99	22.60 2.49 -2.35	27.12 2.93 -3.56	28.97 3.04 -5.12	31.15 3.41 -6.93	33.48 3.71 -8.92	37.98 3.80 -13.29	36.91 3.85 -10.68	36.47 3.54 -12.08	47.10 3.65 -22.58	51.14 3.61 -27.11	84.52 3.62 -60.37	85.92 3.48 -62.86	126.11 3.44 -103.64	126.36 3.80 -101.58	113.14 3.82 -88.32	73.07 3.87 -47.45	45.71 4.23 -17.75	37.14 4.14 -9.72	34.01 3.72 -9.37	29.65 3.24 -5.89
DELAWARE___LFGE 323621	24.21 0.81 -0.36	22.12 0.69 -0.62	19.59 0.54 -1.18	18.99 0.50 -1.15	19.09 0.52 -0.80	21.70 0.64 -0.43	22.91 0.71 -1.39	24.06 0.81 -2.44	24.23 0.88 -2.51	25.09 0.88 -3.32	25.21 0.96 -1.87	25.26 0.88 -3.53	25.47 0.88 -3.73	26.18 0.84 -4.92	26.03 0.82 -4.67	25.39 0.80 -5.01	28.60 0.76 -8.81	31.08 0.90 -9.20	29.65 0.92 -7.73	28.52 0.96 -5.82	27.64 1.02 -2.88	25.35 1.00 -1.07	23.13 0.82 -1.40	21.97 0.68 -0.78
DERFIELD_115KV_TB7 355931	23.16 0.12 0.00	20.89 0.08 0.00	17.93 0.05 0.00	17.39 0.05 0.00	17.82 0.05 0.00	20.71 0.08 0.00	20.89 0.08 0.00	20.91 0.10 0.00	20.95 0.10 0.00	20.98 0.08 0.00	22.46 0.09 0.00	20.93 0.08 0.00	20.96 0.08 0.00	20.48 0.06 0.00	20.58 0.04 0.00	19.61 0.04 0.00	19.06 0.04 0.00	21.06 0.08 0.00	21.08 0.08 0.00	21.83 0.09 0.00	23.84 0.09 0.00	23.37 0.09 0.00	20.98 0.06 0.00	20.57 0.06 0.00
DOGLEVILLE___HYD 23807	23.46 0.42 0.00	21.14 0.33 0.00	18.12 0.25 0.00	17.58 0.24 0.00	18.02 0.25 0.00	20.91 0.29 0.00	21.06 0.25 0.00	21.10 0.29 0.00	21.10 0.25 0.00	21.10 0.21 0.00	22.66 0.29 0.00	21.08 0.23 0.00	21.08 0.21 0.00	20.48 0.06 0.00	20.54 0.00 0.00	19.55 -0.02 0.00	18.99 -0.04 0.00	20.98 0.00 0.00	21.02 0.02 0.00	21.76 0.02 0.00	23.81 0.07 0.00	23.42 0.14 0.00	21.04 0.13 0.00	20.62 0.10 0.00
DUNKIRK___115KV_TB_200 55889	23.13 -0.05 -0.13	20.80 -0.23 -0.22	18.03 -0.27 -0.42	17.45 -0.29 -0.41	17.68 -0.37 -0.29	20.39 -0.39 -0.15	21.03 -0.27 -0.50	21.14 -0.54 -0.87	21.32 -0.44 -0.91	21.77 -0.33 -1.21	22.70 -0.36 -0.68	21.57 -0.56 -1.29	21.71 -0.52 -1.36	21.85 -0.39 -1.79	21.85 -0.39 -1.70	20.91 -0.49 -1.83	21.74 -0.49 -3.21	24.25 -0.08 -3.35	23.84 0.02 -2.82	23.99 0.13 -2.12	24.66 -0.07 -0.99	23.86 0.23 -0.35	21.24 -0.19 -0.51	20.75 -0.04 -0.28
DUNKIRK___1 23563	23.13 -0.05 -0.13	20.80 -0.23 -0.22	18.03 -0.27 -0.42	17.45 -0.29 -0.41	17.68 -0.37 -0.29	20.39 -0.39 -0.15	21.03 -0.27 -0.50	21.14 -0.54 -0.87	21.32 -0.44 -0.91	21.77 -0.33 -1.21	22.70 -0.36 -0.68	21.57 -0.56 -1.29	21.71 -0.52 -1.36	21.85 -0.39 -1.79	21.85 -0.39 -1.70	20.91 -0.49 -1.83	21.74 -0.49 -3.21	24.25 -0.08 -3.35	23.84 0.02 -2.82	23.99 0.13 -2.12	24.66 -0.07 -0.99	23.86 0.23 -0.35	21.24 -0.19 -0.51	20.75 -0.04 -0.28
DUNKIRK___2 23564	23.13 -0.05 -0.13	20.80 -0.23 -0.22	18.03 -0.27 -0.42	17.45 -0.29 -0.41	17.68 -0.37 -0.29	20.39 -0.39 -0.15	21.03 -0.27 -0.50	21.14 -0.54 -0.87	21.32 -0.44 -0.91	21.77 -0.33 -1.21	22.70 -0.36 -0.68	21.57 -0.56 -1.29	21.71 -0.52 -1.36	21.85 -0.39 -1.79	21.85 -0.39 -1.70	20.91 -0.49 -1.83	21.74 -0.49 -3.21	24.25 -0.08 -3.35	23.84 0.02 -2.82	23.99 0.13 -2.12	24.66 -0.07 -0.99	23.86 0.23 -0.35	21.24 -0.19 -0.51	20.75 -0.04 -0.28
DUNKIRK___3 23565	22.94 -0.23 -0.13	20.66 -0.37 -0.22	17.92 -0.38 -0.42	17.33 -0.42 -0.41	17.58 -0.48 -0.29	20.24 -0.54 -0.15	20.89 -0.42 -0.50	20.97 -0.71 -0.87	21.18 -0.58 -0.91	21.62 -0.48 -1.21	22.56 -0.49 -0.68	21.45 -0.69 -1.28	21.58 -0.65 -1.35	21.72 -0.49 -1.79	21.72 -0.51 -1.70	20.79 -0.61 -1.82	21.60 -0.63 -3.20	24.09 -0.23 -3.35	23.70 -0.10 -2.81	23.84 -0.02 -2.12	24.49 -0.24 -0.99	23.69 0.07 -0.34	21.09 -0.33 -0.51	20.61 -0.18 -0.28
DUNKIRK___4 23566	22.94 -0.23 -0.13	20.66 -0.37 -0.22	17.92 -0.38 -0.42	17.33 -0.42 -0.41	17.58 -0.48 -0.29	20.24 -0.54 -0.15	20.89 -0.42 -0.50	20.97 -0.71 -0.87	21.18 -0.58 -0.91	21.62 -0.48 -1.21	22.56 -0.49 -0.68	21.45 -0.69 -1.28	21.58 -0.65 -1.35	21.72 -0.49 -1.79	21.72 -0.51 -1.70	20.79 -0.61 -1.82	21.60 -0.63 -3.20	24.09 -0.23 -3.35	23.70 -0.10 -2.81	23.84 -0.02 -2.12	24.49 -0.24 -0.99	23.69 0.07 -0.34	21.09 -0.33 -0.51	20.61 -0.18 -0.28
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	25.23 1.45 -0.74	23.44 1.33 -1.30	21.43 1.11 -2.45	20.77 1.04 -2.39	20.51 1.07 -1.67	22.78 1.26 -0.89	25.03 1.33 -2.89	27.54 1.66 -5.07	27.81 1.81 -5.15	29.58 1.86 -6.82	28.19 1.97 -3.85	29.94 1.83 -7.26	30.66 1.90 -7.89	32.82 1.88 -10.52	32.35 1.87 -9.94	32.10 1.82 -10.71	39.90 1.83 -19.04	42.84 1.97 -19.89	39.17 1.93 -16.24	35.64 1.94 -11.97	31.41 2.09 -5.58	27.26 2.03 -1.95	25.68 1.88 -2.89	23.59 1.48 -1.60
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	25.02 1.27 -0.71	23.20 1.14 -1.25	21.18 0.95 -2.36	20.54 0.90 -2.30	20.30 0.92 -1.61	22.58 1.09 -0.86	24.71 1.12 -2.78	27.03 1.35 -4.87	27.22 1.42 -4.95	28.90 1.44 -6.56	27.64 1.57 -3.70	29.29 1.46 -6.98	29.91 1.50 -7.54	31.95 1.49 -10.03	31.52 1.50 -9.48	31.25 1.47 -10.21	38.65 1.50 -18.12	41.55 1.66 -18.92	38.16 1.62 -15.55	34.88 1.63 -11.51	30.87 1.76 -5.37	26.86 1.70 -1.88	25.22 1.53 -2.78	23.28 1.23 -1.54
E179THST_138_KV_TB4_REV_LBMP_J 345001	25.45 1.66 -0.75	23.61 1.50 -1.31	21.57 1.25 -2.45	20.87 1.14 -2.39	20.61 1.17 -1.67	22.84 1.32 -0.89	24.99 1.29 -2.89	27.66 1.79 -5.07	27.90 1.90 -5.15	29.68 1.96 -6.82	28.26 2.04 -3.85	30.05 1.94 -7.26	30.83 2.07 -7.89	32.95 2.00 -10.53	32.44 1.95 -9.95	32.25 1.96 -10.72	40.06 1.98 -19.05	42.80 1.93 -19.89	39.13 1.89 -16.24	35.62 1.91 -11.97	31.58 2.26 -5.58	27.40 2.16 -1.95	25.92 2.11 -2.89	23.78 1.66 -1.60
E179THST_13_KV_LOAD 356214	25.57 1.77 -0.75	23.72 1.60 -1.31	21.66 1.34 -2.45	20.96 1.23 -2.39	20.69 1.24 -1.67	22.92 1.40 -0.89	25.09 1.39 -2.89	27.77 1.89 -5.07	28.00 2.00 -5.15	29.79 2.07 -6.82	28.37 2.15 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.07 2.12 -10.53	32.54 2.05 -9.95	32.36 2.07 -10.72	40.17 2.09 -19.05	42.95 2.08 -19.89	39.28 2.04 -16.24	35.75 2.04 -11.97	31.72 2.40 -5.58	27.54 2.30 -1.95	26.04 2.24 -2.89	23.88 1.76 -1.60
EAST HAMPTON___GT 23717	29.33 3.76 -2.53	27.17 3.31 -3.05	23.94 2.88 -3.19	23.08 2.76 -2.99	22.91 2.79 -2.35	27.49 3.30 -3.56	29.35 3.41 -5.13	31.53 3.79 -6.94	33.90 4.13 -8.92	38.40 4.22 -13.29	37.40 4.34 -10.69	39.08 4.00 -14.23	47.59 4.13 -22.58	51.60 4.06 -27.11	85.01 4.09 -60.38	86.40 3.96 -62.87	126.54 3.86 -103.66	126.82 4.24 -101.60	113.51 4.18 -88.33	73.55 4.35 -47.46	46.20 4.68 -17.78	39.22 4.59 -11.35	34.38 4.08 -9.39	29.98 3.57 -5.90

EAST RIVER___6 23660	25.37 1.59 -0.74	23.50 1.39 -1.30	21.50 1.18 -2.45	20.85 1.13 -2.39	20.58 1.14 -1.67	22.86 1.34 -0.89	25.06 1.35 -2.90	27.67 1.79 -5.08	28.00 2.00 -5.15	29.77 2.05 -6.82	28.32 2.10 -3.85	30.11 2.00 -7.26	30.84 2.09 -7.89	33.00 2.06 -10.52	32.51 2.03 -9.94	32.28 2.00 -10.71	40.05 1.98 -19.05	42.99 2.12 -19.89	39.30 2.06 -16.24	35.78 2.07 -11.97	31.59 2.23 -5.62	27.43 2.19 -1.96	25.89 2.07 -2.90	23.70 1.58 -1.61
EAST RIVER___7 23524	25.37 1.59 -0.74	23.50 1.39 -1.30	21.50 1.18 -2.45	20.85 1.13 -2.39	20.58 1.14 -1.67	22.86 1.34 -0.89	25.06 1.35 -2.90	27.67 1.79 -5.08	28.00 2.00 -5.15	29.77 2.05 -6.82	28.32 2.10 -3.85	30.11 2.00 -7.26	30.84 2.09 -7.89	33.00 2.06 -10.52	32.51 2.03 -9.94	32.28 2.00 -10.71	40.05 1.98 -19.05	42.99 2.12 -19.89	39.30 2.06 -16.24	35.78 2.07 -11.97	31.59 2.23 -5.62	27.43 2.19 -1.96	25.89 2.07 -2.90	23.70 1.58 -1.61
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	25.19 1.41 -0.74	23.37 1.27 -1.29	21.39 1.07 -2.44	20.73 1.01 -2.38	20.47 1.03 -1.67	22.73 1.22 -0.89	24.96 1.27 -2.88	27.44 1.58 -5.05	27.71 1.73 -5.13	29.47 1.78 -6.80	28.09 1.88 -3.84	29.86 1.77 -7.24	30.57 1.84 -7.86	32.71 1.80 -10.49	32.24 1.79 -9.91	31.99 1.74 -10.68	39.77 1.75 -18.99	42.72 1.91 -19.83	39.07 1.87 -16.20	35.55 1.87 -11.93	31.33 2.02 -5.57	27.18 1.96 -1.95	25.59 1.80 -2.88	23.52 1.42 -1.60
EAST_HAMPTON___DIESEL 23722	29.35 3.78 -2.53	27.19 3.33 -3.05	23.94 2.88 -3.19	23.08 2.76 -2.99	22.92 2.81 -2.35	27.51 3.32 -3.56	29.35 3.41 -5.13	31.53 3.79 -6.94	33.90 4.13 -8.92	38.40 4.22 -13.29	37.42 4.36 -10.69	39.10 4.02 -14.23	47.59 4.13 -22.58	51.60 4.06 -27.11	85.01 4.09 -60.38	86.40 3.96 -62.87	126.54 3.86 -103.65	126.83 4.26 -101.60	113.51 4.18 -88.33	73.57 4.37 -47.46	46.20 4.68 -17.78	39.24 4.61 -11.35	34.38 4.08 -9.39	29.98 3.57 -5.90
EAST_PULASKI___ESR 323781	23.01 -0.09 -0.05	20.76 -0.15 -0.10	17.86 -0.20 -0.18	17.31 -0.21 -0.18	17.70 -0.20 -0.12	20.48 -0.21 -0.07	20.79 -0.23 -0.21	20.85 -0.33 -0.37	20.85 -0.38 -0.38	21.02 -0.38 -0.50	22.30 -0.36 -0.28	21.01 -0.38 -0.54	21.06 -0.38 -0.56	20.78 -0.39 -0.75	20.86 -0.39 -0.71	19.92 -0.41 -0.76	19.92 -0.44 -1.34	22.06 -0.31 -1.40	21.90 -0.27 -1.17	22.36 -0.26 -0.88	25.19 -0.21 -1.67	24.18 -0.19 -1.09	20.85 -0.27 -0.21	20.44 -0.18 -0.11
EAST_RIVER___1 323558	25.33 1.54 -0.74	23.48 1.37 -1.30	21.48 1.16 -2.45	20.80 1.08 -2.39	20.53 1.08 -1.67	22.84 1.32 -0.89	25.06 1.35 -2.90	27.65 1.77 -5.08	27.96 1.96 -5.15	29.72 2.01 -6.82	28.32 2.10 -3.85	30.09 1.98 -7.26	30.80 2.05 -7.89	32.95 2.00 -10.52	32.47 1.99 -9.94	32.24 1.96 -10.71	39.99 1.92 -19.05	42.93 2.06 -19.89	39.26 2.02 -16.24	35.71 2.00 -11.97	31.54 2.18 -5.62	27.38 2.14 -1.96	25.84 2.03 -2.90	23.68 1.56 -1.61
EAST_RIVER___2 323559	25.37 1.59 -0.74	23.50 1.39 -1.30	21.50 1.18 -2.45	20.85 1.13 -2.39	20.58 1.14 -1.67	22.86 1.34 -0.89	25.06 1.35 -2.90	27.67 1.79 -5.08	28.00 2.00 -5.15	29.77 2.05 -6.82	28.32 2.10 -3.85	30.11 2.00 -7.26	30.84 2.09 -7.89	33.00 2.06 -10.52	32.51 2.03 -9.94	32.28 2.00 -10.71	40.05 1.98 -19.05	42.99 2.12 -19.89	39.30 2.06 -16.24	35.78 2.07 -11.97	31.59 2.23 -5.62	27.43 2.19 -1.96	25.89 2.07 -2.90	23.70 1.58 -1.61
EAST___DELAWARE_HYD 23607	25.12 1.43 -0.64	23.16 1.23 -1.13	21.04 1.04 -2.13	20.39 0.97 -2.08	20.20 0.98 -1.45	22.60 1.20 -0.78	24.56 1.23 -2.52	26.62 1.39 -4.41	26.75 1.42 -4.48	28.27 1.44 -5.94	27.33 1.61 -3.35	28.67 1.50 -6.32	29.21 1.57 -6.78	30.91 1.49 -9.00	30.55 1.50 -8.51	30.24 1.51 -9.16	36.80 1.56 -16.21	39.65 1.74 -16.93	36.72 1.72 -14.00	33.90 1.74 -10.42	30.49 1.88 -4.88	26.80 1.82 -1.70	25.04 1.61 -2.52	23.22 1.31 -1.40
EIGHT_POINT___WT_PWR 323820	23.63 0.44 -0.15	21.09 0.02 -0.26	18.44 0.07 -0.50	17.84 0.02 -0.49	18.11 0.00 -0.34	20.87 0.06 -0.18	21.52 0.10 -0.61	21.67 -0.21 -1.07	21.77 -0.17 -1.09	22.21 -0.12 -1.44	23.07 -0.11 -0.81	22.07 -0.31 -1.53	22.19 -0.29 -1.61	22.29 -0.27 -2.13	22.29 -0.27 -2.02	21.51 -0.23 -2.17	22.46 -0.38 -3.82	24.99 0.02 -3.99	24.52 0.17 -3.35	24.55 0.28 -2.52	25.20 0.21 -1.24	24.08 0.30 -0.50	21.43 -0.04 -0.56	20.76 -0.06 -0.31
ELBRIDGE_115KV_TB2 80188	23.15 0.02 -0.08	20.91 -0.04 -0.14	18.05 -0.09 -0.27	17.50 -0.10 -0.26	17.85 -0.11 -0.18	20.62 -0.10 -0.10	21.52 0.40 -0.32	21.69 0.33 -0.55	21.78 0.33 -0.59	22.07 0.40 -0.79	23.33 0.51 -0.44	22.06 0.38 -0.84	22.13 0.38 -0.88	21.95 0.37 -1.16	22.03 0.39 -1.10	21.07 0.31 -1.19	21.40 0.29 -2.08	23.70 0.55 -2.18	23.39 0.57 -1.83	23.71 0.59 -1.38	25.20 -0.05 -1.50	24.08 -0.07 -0.87	21.10 -0.15 -0.33	20.63 -0.06 -0.18
ELEC_TRO_TEK 24086	27.41 1.84 -2.53	25.53 1.66 -3.05	22.46 1.39 -3.19	21.64 1.32 -2.99	21.47 1.35 -2.35	25.77 1.59 -3.56	27.57 1.64 -5.12	29.67 1.94 -6.93	31.86 2.11 -8.91	32.23 2.13 -9.20	31.62 2.17 -7.07	31.64 2.04 -8.75	33.73 2.13 -10.73	33.62 2.10 -11.09	37.16 2.10 -14.53	37.29 2.04 -15.68	40.41 2.02 -19.37	43.17 2.18 -20.02	39.48 2.20 -16.27	36.00 2.20 -12.06	39.77 2.37 -13.65	32.84 2.35 -7.21	32.47 2.20 -9.36	28.23 1.83 -5.89
ELLENBURG_WT_PWR 323604	22.72 -0.32 0.00	20.68 -0.12 0.00	17.73 -0.14 0.00	17.27 -0.07 0.00	17.70 -0.07 0.00	20.56 -0.06 0.00	20.77 -0.04 0.00	20.73 -0.08 0.00	20.72 -0.12 0.00	20.68 -0.21 0.00	22.11 -0.27 0.00	20.60 -0.25 0.00	20.52 -0.35 0.00	20.03 -0.39 0.00	20.13 -0.41 0.00	19.05 -0.53 0.00	18.59 -0.44 0.00	20.33 -0.65 0.00	20.33 -0.67 0.00	21.07 -0.67 0.00	22.98 -0.76 0.00	22.56 -0.72 0.00	20.39 -0.52 0.00	20.08 -0.43 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	22.85 -0.32 -0.12	20.55 -0.48 -0.22	17.83 -0.45 -0.41	17.25 -0.49 -0.40	17.48 -0.57 -0.28	20.15 -0.62 -0.15	20.75 -0.54 -0.48	20.80 -0.85 -0.84	21.02 -0.71 -0.88	21.48 -0.58 -1.17	22.43 -0.60 -0.66	21.34 -0.75 -1.24	21.45 -0.73 -1.31	21.57 -0.59 -1.74	21.57 -0.62 -1.64	20.64 -0.70 -1.77	21.39 -0.74 -3.11	23.88 -0.34 -3.24	23.49 -0.23 -2.72	23.62 -0.17 -2.05	24.29 -0.40 -0.96	23.52 -0.09 -0.33	20.95 -0.46 -0.49	20.50 -0.29 -0.27
EMPIRE_CC_1 323656	24.68 0.74 -0.90	23.02 0.62 -1.58	21.45 0.59 -2.99	20.86 0.61 -2.92	20.43 0.62 -2.04	22.36 0.64 -1.09	24.97 0.62 -3.53	27.68 0.69 -6.19	27.88 0.73 -6.30	30.00 0.75 -8.35	27.89 0.80 -4.71	30.46 0.73 -8.89	30.49 0.71 -8.91	32.70 0.69 -11.59	32.28 0.70 -11.04	32.01 0.64 -11.79	39.90 0.59 -20.29	42.88 0.71 -21.19	40.45 0.73 -18.72	37.15 0.76 -14.65	31.50 0.83 -6.92	26.56 0.86 -2.42	25.24 0.75 -3.58	23.11 0.61 -1.99
EMPIRE_CC_2 323658	24.68 0.74 -0.90	23.02 0.62 -1.58	21.45 0.59 -2.99	20.86 0.61 -2.92	20.43 0.62 -2.04	22.36 0.64 -1.09	24.97 0.62 -3.53	27.68 0.69 -6.19	27.88 0.73 -6.30	30.00 0.75 -8.35	27.89 0.80 -4.71	30.46 0.73 -8.89	30.49 0.71 -8.91	32.70 0.69 -11.59	32.28 0.70 -11.04	32.01 0.64 -11.79	39.90 0.59 -20.29	42.88 0.71 -21.19	40.45 0.73 -18.72	37.15 0.76 -14.65	31.50 0.83 -6.92	26.56 0.86 -2.42	25.24 0.75 -3.58	23.11 0.61 -1.99

ENORWICH_115KV_TB1 80156	24.99 1.71 -0.24	22.60 1.37 -0.42	19.61 0.95 -0.79	19.02 0.92 -0.77	19.28 0.98 -0.54	22.11 1.20 -0.29	23.21 1.48 -0.93	23.93 1.50 -1.63	23.94 1.40 -1.70	24.46 1.32 -2.25	25.14 1.50 -1.27	24.47 1.23 -2.39	24.60 1.21 -2.52	24.78 1.02 -3.33	24.66 0.97 -3.16	23.91 0.94 -3.39	25.86 0.88 -5.96	28.46 1.26 -6.23	27.68 1.45 -5.23	27.25 1.57 -3.94	27.62 1.71 -2.17	25.80 1.63 -0.89	23.05 1.19 -0.95	22.11 1.07 -0.53
ERIE_ST__34_KV_TB1-2 80199	22.52 -0.65 -0.12	20.26 -0.77 -0.22	17.57 -0.71 -0.41	17.01 -0.73 -0.40	17.24 -0.82 -0.28	19.87 -0.91 -0.15	20.51 -0.79 -0.49	20.58 -1.08 -0.86	20.83 -0.92 -0.90	21.31 -0.77 -1.19	22.24 -0.81 -0.67	21.20 -0.92 -1.27	21.33 -0.88 -1.34	21.45 -0.74 -1.77	21.47 -0.74 -1.67	20.57 -0.80 -1.80	21.39 -0.80 -3.16	23.86 -0.42 -3.30	23.44 -0.34 -2.77	23.57 -0.26 -2.09	24.22 -0.50 -0.97	23.39 -0.23 -0.34	20.83 -0.59 -0.50	20.32 -0.47 -0.28
ERIE_WT_PWR 323693	23.03 -0.14 -0.12	20.46 -0.56 -0.22	17.94 -0.34 -0.41	17.34 -0.40 -0.40	17.59 -0.46 -0.28	20.30 -0.47 -0.15	20.85 -0.46 -0.50	20.77 -0.92 -0.87	20.97 -0.77 -0.89	21.42 -0.65 -1.18	22.39 -0.65 -0.66	21.29 -0.81 -1.25	21.42 -0.77 -1.32	21.51 -0.65 -1.74	21.54 -0.66 -1.65	20.80 -0.55 -1.78	21.37 -0.78 -3.12	23.86 -0.38 -3.26	23.46 -0.27 -2.74	23.59 -0.22 -2.06	24.17 -0.45 -0.88	23.45 -0.14 -0.31	20.87 -0.50 -0.46	20.36 -0.41 -0.25
ESPRGFLD_115KV_TB1 80157	24.51 1.11 -0.36	22.38 0.94 -0.63	19.76 0.70 -1.19	19.16 0.66 -1.16	19.28 0.69 -0.81	21.93 0.87 -0.44	23.22 1.00 -1.41	24.42 1.14 -2.47	24.57 1.19 -2.54	25.48 1.23 -3.36	25.63 1.36 -1.89	25.65 1.23 -3.57	25.89 1.25 -3.77	26.55 1.14 -4.98	26.37 1.11 -4.72	25.72 1.08 -5.07	28.95 1.01 -8.92	31.51 1.22 -9.31	30.06 1.24 -7.82	28.89 1.26 -5.89	28.19 1.54 -2.90	25.87 1.51 -1.08	23.50 1.17 -1.42	22.31 1.01 -0.79
ETNA_115_KV_TB1_REV_LBMP_C 345029	23.76 0.55 -0.16	21.49 0.40 -0.29	18.66 0.25 -0.54	18.09 0.23 -0.53	18.37 0.23 -0.37	21.13 0.31 -0.20	21.95 0.50 -0.64	22.39 0.46 -1.12	22.48 0.44 -1.19	22.93 0.46 -1.58	23.82 0.56 -0.89	22.92 0.40 -1.68	23.06 0.42 -1.77	23.15 0.39 -2.34	23.17 0.41 -2.21	22.30 0.35 -2.38	23.53 0.32 -4.18	25.93 0.59 -4.37	25.34 0.67 -3.67	25.22 0.72 -2.76	26.10 0.62 -1.74	24.63 0.56 -0.79	21.93 0.36 -0.67	21.23 0.35 -0.37
ETNA____115KV_TB2 80207	23.76 0.55 -0.16	21.49 0.40 -0.29	18.66 0.25 -0.54	18.09 0.23 -0.53	18.37 0.23 -0.37	21.13 0.31 -0.20	21.95 0.50 -0.64	22.39 0.46 -1.12	22.48 0.44 -1.19	22.93 0.46 -1.58	23.82 0.56 -0.89	22.92 0.40 -1.68	23.06 0.42 -1.77	23.15 0.39 -2.34	23.17 0.41 -2.21	22.30 0.35 -2.38	23.53 0.32 -4.18	25.93 0.59 -4.37	25.34 0.67 -3.67	25.22 0.72 -2.76	26.10 0.62 -1.74	24.63 0.56 -0.79	21.93 0.36 -0.67	21.23 0.35 -0.37
EUCLID____115KV_TB2 356179	22.95 -0.16 -0.06	20.71 -0.21 -0.11	17.87 -0.21 -0.21	17.32 -0.23 -0.21	17.68 -0.23 -0.14	20.43 -0.27 -0.08	20.87 -0.19 -0.25	20.95 -0.29 -0.44	21.04 -0.27 -0.46	21.28 -0.23 -0.61	22.52 -0.20 -0.35	21.25 -0.25 -0.65	21.31 -0.25 -0.69	21.09 -0.25 -0.91	21.18 -0.23 -0.86	20.27 -0.23 -0.93	20.41 -0.25 -1.63	22.53 -0.15 -1.70	22.30 -0.13 -1.43	22.69 -0.13 -1.08	24.37 -0.24 -0.87	23.48 -0.26 -0.45	20.88 -0.29 -0.26	20.45 -0.21 -0.14
E_CANADA_CAP_HY 24051	25.76 1.75 -0.97	24.01 1.50 -1.70	22.35 1.27 -3.21	21.70 1.23 -3.13	21.26 1.30 -2.19	23.35 1.55 -1.17	26.37 1.77 -3.79	29.16 1.71 -6.65	29.28 1.67 -6.76	31.44 1.59 -8.96	29.10 1.68 -5.05	31.86 1.48 -9.53	32.15 1.46 -9.82	34.73 1.43 -12.88	34.07 1.29 -12.24	33.94 1.25 -13.11	43.10 1.24 -22.83	46.40 1.57 -23.84	43.21 1.72 -20.49	39.34 1.89 -15.71	34.69 1.83 -9.12	28.29 1.82 -3.19	27.01 1.38 -4.72	24.36 1.23 -2.62
E_CANADA_MHWK_HY 24050	23.46 0.42 0.00	21.14 0.33 0.00	18.12 0.25 0.00	17.58 0.24 0.00	18.02 0.25 0.00	20.91 0.29 0.00	21.06 0.25 0.00	21.10 0.29 0.00	21.10 0.25 0.00	21.10 0.21 0.00	22.66 0.29 0.00	21.08 0.23 0.00	21.08 0.21 0.00	20.48 0.06 0.00	20.54 0.00 0.00	19.55 -0.02 0.00	18.99 -0.04 0.00	20.98 0.00 0.00	21.02 0.02 0.00	21.76 0.02 0.00	23.81 0.07 0.00	23.42 0.14 0.00	21.04 0.13 0.00	20.62 0.10 0.00
E_FISHKILL__LBMP 23776	25.05 1.24 -0.76	23.29 1.14 -1.33	21.35 0.97 -2.51	20.69 0.90 -2.45	20.41 0.92 -1.72	22.64 1.09 -0.92	24.90 1.12 -2.97	27.36 1.35 -5.20	27.62 1.48 -5.29	29.42 1.53 -7.01	27.93 1.61 -3.95	29.81 1.50 -7.45	30.53 1.57 -8.10	32.76 1.53 -10.80	32.28 1.54 -10.20	32.06 1.49 -11.00	40.07 1.48 -19.56	43.04 1.64 -20.43	39.27 1.60 -16.68	35.64 1.61 -12.29	31.21 1.73 -5.73	26.96 1.68 -2.00	25.42 1.55 -2.96	23.39 1.23 -1.64
FALCON__SEABRD_CC1 323796	22.98 -0.07 0.00	20.91 0.10 0.00	17.93 0.05 0.00	17.44 0.10 0.00	17.88 0.11 0.00	20.77 0.15 0.00	20.97 0.17 0.00	20.95 0.15 0.00	20.93 0.08 0.00	20.91 0.02 0.00	22.33 -0.04 0.00	20.79 -0.06 0.00	20.70 -0.17 0.00	20.22 -0.20 0.00	20.31 -0.23 0.00	19.22 -0.35 0.00	18.76 -0.27 0.00	20.54 -0.44 0.00	20.54 -0.46 0.00	21.26 -0.48 0.00	23.22 -0.52 0.00	22.77 -0.51 0.00	20.58 -0.34 0.00	20.27 -0.25 0.00
FALCON__SEABRD_CC2 323797	22.98 -0.07 0.00	20.91 0.10 0.00	17.93 0.05 0.00	17.44 0.10 0.00	17.88 0.11 0.00	20.77 0.15 0.00	20.97 0.17 0.00	20.95 0.15 0.00	20.93 0.08 0.00	20.91 0.02 0.00	22.33 -0.04 0.00	20.79 -0.06 0.00	20.70 -0.17 0.00	20.22 -0.20 0.00	20.31 -0.23 0.00	19.22 -0.35 0.00	18.76 -0.27 0.00	20.54 -0.44 0.00	20.54 -0.46 0.00	21.26 -0.48 0.00	23.22 -0.52 0.00	22.77 -0.51 0.00	20.58 -0.34 0.00	20.27 -0.25 0.00
FAR ROCKAWAY__4 23548	27.76 2.19 -2.53	25.86 2.00 -3.05	22.74 1.68 -3.19	21.90 1.58 -2.99	21.73 1.62 -2.35	26.08 1.90 -3.56	27.89 1.96 -5.12	30.00 2.27 -6.92	32.09 2.34 -8.91	32.45 2.36 -9.19	31.94 2.51 -7.06	31.92 2.34 -8.73	34.06 2.46 -10.73	33.95 2.45 -11.08	37.53 2.46 -14.53	37.62 2.37 -15.68	40.75 2.36 -19.37	43.55 2.56 -20.02	39.84 2.58 -16.26	36.35 2.57 -12.05	40.14 2.75 -13.65	33.13 2.65 -7.20	32.74 2.47 -9.36	28.56 2.15 -5.89
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	25.30 1.52 -0.74	23.48 1.37 -1.30	21.47 1.14 -2.45	20.80 1.08 -2.39	20.54 1.10 -1.67	22.82 1.30 -0.89	25.07 1.37 -2.89	27.66 1.79 -5.07	27.96 1.96 -5.15	29.72 2.01 -6.82	28.32 2.10 -3.85	30.09 1.98 -7.26	30.82 2.07 -7.89	32.96 2.02 -10.52	32.47 1.99 -9.94	32.24 1.96 -10.71	40.01 1.94 -19.05	42.94 2.08 -19.89	39.26 2.02 -16.24	35.73 2.02 -11.97	31.53 2.21 -5.58	27.40 2.16 -1.95	25.83 2.03 -2.89	23.67 1.56 -1.60
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	25.30 1.52 -0.74	23.50 1.39 -1.30	21.48 1.16 -2.45	20.80 1.08 -2.39	20.54 1.10 -1.67	22.82 1.30 -0.89	25.07 1.37 -2.89	27.66 1.79 -5.07	27.96 1.96 -5.15	29.72 2.01 -6.82	28.32 2.10 -3.85	30.09 1.98 -7.26	30.82 2.07 -7.89	32.96 2.02 -10.52	32.47 1.99 -9.94	32.24 1.96 -10.71	40.01 1.94 -19.05	42.94 2.08 -19.89	39.26 2.02 -16.24	35.73 2.02 -11.97	31.53 2.21 -5.58	27.40 2.16 -1.95	25.85 2.05 -2.89	23.67 1.56 -1.60

FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	25.28 1.50 -0.74	23.48 1.37 -1.30	21.47 1.14 -2.45	20.79 1.06 -2.39	20.54 1.10 -1.67	22.82 1.30 -0.89	25.05 1.35 -2.89	27.64 1.77 -5.07	27.96 1.96 -5.15	29.72 2.01 -6.82	28.32 2.10 -3.85	30.09 1.98 -7.26	30.80 2.05 -7.89	32.94 2.00 -10.52	32.45 1.97 -9.94	32.22 1.94 -10.71	40.01 1.94 -19.05	42.92 2.06 -19.89	39.24 1.99 -16.24	35.71 2.00 -11.97	31.51 2.18 -5.58	27.37 2.14 -1.95	25.83 2.03 -2.89	23.67 1.56 -1.60
FARRAGUT___LBMP 323566	25.28 1.50 -0.74	23.46 1.35 -1.30	21.45 1.13 -2.45	20.77 1.04 -2.39	20.53 1.08 -1.67	22.80 1.28 -0.89	25.03 1.33 -2.89	27.62 1.75 -5.07	27.94 1.94 -5.15	29.70 1.98 -6.82	28.30 2.08 -3.85	30.07 1.96 -7.26	30.78 2.02 -7.89	32.92 1.98 -10.52	32.43 1.95 -9.94	32.20 1.92 -10.71	39.97 1.90 -19.05	42.90 2.03 -19.89	39.22 1.97 -16.24	35.69 1.98 -11.97	31.49 2.16 -5.58	27.35 2.12 -1.95	25.81 2.01 -2.89	23.65 1.54 -1.60
FENNER___WINDPWR 24204	23.64 0.51 -0.09	21.30 0.33 -0.16	18.40 0.23 -0.30	17.84 0.21 -0.29	18.20 0.23 -0.20	21.02 0.29 -0.11	21.57 0.39 -0.37	21.87 0.42 -0.64	21.90 0.40 -0.65	22.18 0.42 -0.87	23.38 0.51 -0.49	22.19 0.42 -0.92	22.26 0.42 -0.97	22.05 0.35 -1.29	22.09 0.33 -1.22	21.19 0.31 -1.31	21.59 0.27 -2.30	23.82 0.44 -2.40	23.52 0.50 -2.02	23.78 0.52 -1.52	25.26 0.52 -0.99	24.23 0.47 -0.49	21.56 0.31 -0.33	20.98 0.29 -0.18
FIBERTEK___ENERGY 23856	23.26 0.14 -0.07	20.98 0.04 -0.13	18.10 -0.02 -0.25	17.54 -0.03 -0.24	17.90 -0.04 -0.17	20.67 -0.04 -0.09	21.35 0.25 -0.29	21.51 0.19 -0.51	21.56 0.17 -0.54	21.84 0.23 -0.72	23.12 0.34 -0.41	21.84 0.23 -0.77	21.89 0.21 -0.81	21.69 0.20 -1.07	21.80 0.25 -1.01	20.84 0.18 -1.09	21.09 0.15 -1.91	23.31 0.34 -2.00	23.03 0.36 -1.68	23.37 0.37 -1.26	25.14 0.02 -1.38	24.08 0.00 -0.80	21.13 -0.08 -0.30	20.68 0.00 -0.17
FITZPATRICK____ 23598	22.54 -0.55 -0.05	20.31 -0.58 -0.08	17.56 -0.46 -0.15	17.02 -0.47 -0.15	17.39 -0.48 -0.10	20.12 -0.56 -0.06	20.37 -0.60 -0.16	20.39 -0.71 -0.29	20.43 -0.71 -0.29	20.59 -0.69 -0.39	21.87 -0.72 -0.22	20.57 -0.69 -0.41	20.62 -0.69 -0.43	20.32 -0.67 -0.57	20.41 -0.68 -0.54	19.51 -0.65 -0.58	19.40 -0.65 -1.02	21.42 -0.63 -1.07	21.29 -0.61 -0.90	21.79 -0.63 -0.68	19.02 -0.66 4.05	19.46 -0.65 3.17	20.43 -0.65 -0.17	20.09 -0.51 -0.09
FLOWRFLD_69_KV_BK1 356044	28.20 2.63 -2.53	26.21 2.35 -3.05	23.05 1.98 -3.19	22.22 1.89 -2.99	22.05 1.94 -2.35	26.46 2.27 -3.56	28.28 2.35 -5.12	30.44 2.71 -6.93	32.72 2.94 -8.93	38.84 2.97 -14.98	37.44 2.89 -12.18	38.37 2.67 -14.85	48.50 2.71 -24.91	56.78 2.65 -33.71	102.41 2.65 -79.22	104.38 2.53 -82.26	159.84 2.53 -138.28	158.86 2.77 -135.12	141.74 2.79 -117.95	86.57 2.80 -62.02	46.25 3.06 -19.44	38.33 3.24 -11.81	33.22 2.93 -9.38	28.91 2.50 -5.89
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	25.31 1.52 -0.74	23.49 1.37 -1.30	21.49 1.16 -2.46	20.83 1.09 -2.40	20.55 1.10 -1.68	22.84 1.32 -0.90	25.07 1.35 -2.91	27.48 1.58 -5.09	27.64 1.63 -5.16	29.40 1.67 -6.84	28.02 1.79 -3.86	29.82 1.69 -7.28	30.48 1.75 -7.85	32.59 1.72 -10.46	32.15 1.73 -9.88	31.90 1.68 -10.64	39.64 1.73 -18.88	42.60 1.91 -19.72	39.07 1.87 -16.20	35.61 1.87 -12.00	31.37 2.02 -5.61	27.20 1.96 -1.96	25.55 1.74 -2.90	23.54 1.42 -1.61
FORT ORANGE____ 23900	24.73 0.76 -0.93	23.09 0.65 -1.63	21.51 0.55 -3.08	20.90 0.55 -3.00	20.44 0.57 -2.10	22.39 0.64 -1.13	25.12 0.67 -3.64	27.91 0.73 -6.38	28.09 0.75 -6.49	30.24 0.75 -8.60	28.05 0.83 -4.85	30.73 0.73 -9.15	30.99 0.71 -9.41	33.45 0.69 -12.33	32.98 0.72 -11.72	32.79 0.67 -12.55	41.51 0.65 -21.84	44.58 0.80 -22.80	41.45 0.82 -19.63	37.69 0.87 -15.08	31.87 0.95 -7.17	26.72 0.93 -2.51	25.37 0.75 -3.71	23.18 0.61 -2.06
FORT_DRUM_COGEN 23780	23.27 0.18 -0.04	20.94 0.06 -0.07	17.88 -0.13 -0.13	17.34 -0.12 -0.13	17.79 -0.07 -0.09	20.61 -0.06 -0.05	21.15 0.19 -0.15	21.22 0.15 -0.27	21.02 -0.06 -0.23	21.08 -0.13 -0.31	22.44 -0.11 -0.18	21.08 -0.10 -0.33	21.12 -0.10 -0.35	20.60 -0.29 -0.46	20.63 -0.35 -0.44	19.65 -0.39 -0.47	19.45 -0.40 -0.83	21.61 -0.23 -0.86	21.64 -0.08 -0.72	22.29 0.00 -0.55	24.80 0.12 -0.94	23.93 0.07 -0.58	20.96 -0.10 -0.15	20.49 -0.10 -0.08
FPL_FAR_ROCK_GT1 24212	27.81 2.23 -2.53	25.84 1.98 -3.06	22.78 1.72 -3.19	21.94 1.61 -2.99	21.75 1.63 -2.35	26.12 1.94 -3.56	27.89 1.96 -5.13	29.99 2.25 -6.94	32.09 2.33 -8.91	32.45 2.36 -9.19	31.94 2.51 -7.06	31.92 2.33 -8.73	34.06 2.46 -10.73	33.95 2.45 -11.08	37.53 2.46 -14.53	37.64 2.39 -15.68	40.77 2.38 -19.37	43.55 2.56 -20.02	39.76 2.50 -16.26	36.33 2.54 -12.05	40.17 2.75 -13.68	33.16 2.68 -7.21	32.76 2.47 -9.38	28.57 2.15 -5.90
FPL_FAR_ROCK_GT2 23815	27.81 2.23 -2.53	25.84 1.98 -3.06	22.78 1.72 -3.19	21.94 1.61 -2.99	21.75 1.63 -2.35	26.12 1.94 -3.56	27.89 1.96 -5.13	29.99 2.25 -6.94	32.09 2.33 -8.91	32.45 2.36 -9.19	31.94 2.51 -7.06	31.92 2.33 -8.73	34.06 2.46 -10.73	33.95 2.45 -11.08	37.53 2.46 -14.53	37.64 2.39 -15.68	40.77 2.38 -19.37	43.55 2.56 -20.02	39.76 2.50 -16.26	36.33 2.54 -12.05	40.17 2.75 -13.68	33.16 2.68 -7.21	32.76 2.47 -9.38	28.57 2.15 -5.90
FRANKLIN_FALL_HYD 24054	22.63 -0.41 0.00	20.54 -0.27 0.00	17.64 -0.23 0.00	17.18 -0.16 0.00	17.61 -0.16 0.00	20.44 -0.19 0.00	20.62 -0.19 0.00	20.64 -0.17 0.00	20.64 -0.21 0.00	20.64 -0.25 0.00	22.06 -0.31 0.00	20.58 -0.27 0.00	20.48 -0.40 0.00	19.97 -0.45 0.00	20.07 -0.47 0.00	19.10 -0.47 0.00	18.57 -0.46 0.00	20.28 -0.69 0.00	20.31 -0.69 0.00	21.05 -0.70 0.00	22.98 -0.76 0.00	22.53 -0.74 0.00	20.35 -0.56 0.00	20.02 -0.49 0.00
FREEPORT_EQUS_GT1 23764	27.69 2.12 -2.53	25.74 1.87 -3.05	22.65 1.59 -3.19	21.83 1.51 -2.99	21.64 1.53 -2.35	26.02 1.83 -3.56	27.81 1.87 -5.13	29.82 2.08 -6.94	32.01 2.25 -8.91	32.40 2.28 -9.23	31.73 2.26 -7.10	31.74 2.10 -8.79	33.90 2.30 -10.73	33.82 2.27 -11.13	37.33 2.26 -14.53	37.55 2.29 -15.68	40.66 2.26 -19.37	43.43 2.43 -20.02	39.68 2.37 -16.31	36.31 2.46 -12.12	40.14 2.68 -13.72	33.18 2.65 -7.25	32.74 2.45 -9.38	28.48 2.07 -5.90
FREEPORT___CT2 23818	27.69 2.12 -2.53	25.74 1.87 -3.05	22.65 1.59 -3.19	21.83 1.51 -2.99	21.64 1.53 -2.35	26.02 1.83 -3.56	27.81 1.87 -5.13	29.82 2.08 -6.94	32.01 2.25 -8.91	32.40 2.28 -9.23	31.73 2.26 -7.10	31.74 2.10 -8.79	33.90 2.30 -10.73	33.82 2.27 -11.13	37.33 2.26 -14.53	37.55 2.29 -15.68	40.66 2.26 -19.37	43.43 2.43 -20.02	39.68 2.37 -16.31	36.31 2.46 -12.12	40.14 2.68 -13.72	33.18 2.65 -7.25	32.74 2.45 -9.38	28.48 2.07 -5.90
FRESHKLS_33_KV_LOAD 356253	25.50 1.71 -0.75	23.63 1.52 -1.30	21.57 1.25 -2.45	20.89 1.16 -2.39	20.61 1.17 -1.67	22.86 1.34 -0.89	24.99 1.29 -2.89	27.66 1.79 -5.07	27.89 1.90 -5.14	29.67 1.96 -6.82	28.25 2.04 -3.84	30.06 1.96 -7.25	30.84 2.09 -7.88	30.99 2.08 -8.49	31.34 2.07 -8.73	32.21 1.94 -10.70	33.58 1.98 -12.58	34.74 2.03 -11.73	33.71 1.99 -10.72	32.70 2.09 -8.87	31.31 2.28 -5.29	27.51 2.28 -1.95	26.00 2.20 -2.89	23.84 1.72 -1.60

FULTON COGEN____ 23766	22.94 -0.16 -0.06	20.70 -0.21 -0.10	17.86 -0.21 -0.20	17.31 -0.23 -0.19	17.66 -0.25 -0.13	20.43 -0.27 -0.07	20.77 -0.27 -0.23	20.82 -0.40 -0.41	20.84 -0.42 -0.40	21.03 -0.40 -0.53	22.32 -0.36 -0.30	21.02 -0.40 -0.57	21.08 -0.40 -0.60	20.83 -0.39 -0.79	20.90 -0.39 -0.75	19.99 -0.39 -0.81	20.06 -0.38 -1.42	22.17 -0.29 -1.48	21.95 -0.29 -1.24	22.40 -0.28 -0.94	25.33 -0.28 -1.87	24.23 -0.28 -1.23	20.80 -0.33 -0.22	20.41 -0.23 -0.12
FULTON____LFGE 323630	26.27 2.26 -0.97	24.44 1.94 -1.70	22.69 1.61 -3.21	22.03 1.56 -3.13	21.58 1.62 -2.19	23.74 1.94 -1.17	26.81 2.20 -3.79	29.66 2.20 -6.65	29.78 2.17 -6.76	31.94 2.09 -8.96	30.11 2.68 -5.05	32.69 2.31 -9.53	32.95 2.25 -9.82	35.14 1.84 -12.88	34.55 1.77 -12.24	34.37 1.68 -13.11	43.53 1.67 -22.83	46.94 2.12 -23.84	43.75 2.27 -20.49	39.86 2.41 -15.71	34.77 2.47 -8.56	28.62 2.35 -2.99	27.11 1.78 -4.42	24.57 1.60 -2.46
G.F.CEMENT____DRP 24184	25.23 1.22 -0.96	23.58 1.08 -1.69	21.93 0.88 -3.18	21.29 0.85 -3.10	20.83 0.89 -2.17	22.84 1.05 -1.16	25.71 1.14 -3.76	28.64 1.25 -6.58	28.82 1.27 -6.70	30.99 1.21 -8.88	28.75 1.36 -5.01	31.49 1.19 -9.45	31.66 1.11 -9.68	34.18 1.08 -12.68	33.70 1.11 -12.05	33.47 1.00 -12.90	42.41 0.97 -22.41	45.58 1.20 -23.41	42.49 1.26 -20.23	38.69 1.37 -15.58	32.48 1.47 -7.27	27.31 1.49 -2.54	25.78 1.11 -3.76	23.52 0.92 -2.08
GARDENVILLE____LBMP 24039	22.75 -0.41 -0.12	20.48 -0.54 -0.22	17.76 -0.52 -0.41	17.20 -0.54 -0.40	17.43 -0.62 -0.28	20.07 -0.70 -0.15	20.67 -0.62 -0.48	20.71 -0.94 -0.84	20.92 -0.81 -0.88	21.37 -0.69 -1.17	22.34 -0.69 -0.66	21.24 -0.85 -1.25	21.37 -0.81 -1.31	21.47 -0.69 -1.74	21.47 -0.72 -1.65	20.56 -0.78 -1.77	21.32 -0.82 -3.11	23.81 -0.42 -3.25	23.41 -0.31 -2.73	23.54 -0.26 -2.05	24.20 -0.50 -0.96	23.43 -0.19 -0.33	20.89 -0.52 -0.49	20.44 -0.35 -0.27
GARDNVLA_35_KV_LD 355827	22.85 -0.32 -0.12	20.55 -0.48 -0.22	17.82 -0.46 -0.41	17.25 -0.49 -0.40	17.48 -0.57 -0.28	20.14 -0.64 -0.15	20.73 -0.56 -0.48	20.78 -0.87 -0.85	21.01 -0.73 -0.89	21.46 -0.61 -1.18	22.43 -0.60 -0.66	21.35 -0.75 -1.25	21.46 -0.73 -1.32	21.58 -0.59 -1.75	21.58 -0.62 -1.66	20.65 -0.70 -1.78	21.41 -0.74 -3.13	23.91 -0.34 -3.26	23.51 -0.23 -2.74	23.63 -0.17 -2.07	24.30 -0.40 -0.96	23.52 -0.09 -0.34	20.95 -0.46 -0.50	20.50 -0.29 -0.28
GELCKHM____115KV_LOAD 80723	23.07 -0.05 -0.07	20.82 -0.10 -0.12	17.95 -0.14 -0.22	17.40 -0.16 -0.22	17.76 -0.16 -0.15	20.52 -0.19 -0.08	21.05 -0.02 -0.26	21.17 -0.10 -0.46	21.24 -0.10 -0.49	21.48 -0.06 -0.65	22.72 -0.02 -0.37	21.46 -0.08 -0.69	21.52 -0.08 -0.73	21.33 -0.06 -0.97	21.41 -0.04 -0.92	20.48 -0.08 -0.98	20.66 -0.10 -1.73	22.83 0.04 -1.81	22.56 0.04 -1.52	22.93 0.04 -1.14	24.65 -0.14 -1.05	23.69 -0.16 -0.58	20.96 -0.23 -0.27	20.54 -0.12 -0.15
GENERAL____MILLS 23808	22.78 -0.39 -0.12	20.50 -0.52 -0.22	17.78 -0.50 -0.41	17.22 -0.52 -0.40	17.45 -0.60 -0.28	20.09 -0.68 -0.15	20.69 -0.60 -0.48	20.74 -0.92 -0.85	20.94 -0.79 -0.89	21.42 -0.65 -1.18	22.37 -0.67 -0.66	21.29 -0.81 -1.25	21.40 -0.79 -1.32	21.49 -0.67 -1.74	21.52 -0.68 -1.65	20.59 -0.76 -1.78	21.35 -0.80 -3.12	23.84 -0.40 -3.26	23.44 -0.29 -2.74	23.57 -0.24 -2.06	24.23 -0.47 -0.96	23.48 -0.14 -0.34	20.91 -0.50 -0.50	20.46 -0.33 -0.28
GE_PLASTICS____DRP 24183	24.71 0.74 -0.93	23.09 0.65 -1.64	21.51 0.55 -3.09	20.89 0.54 -3.01	20.43 0.55 -2.11	22.37 0.62 -1.13	25.10 0.65 -3.65	27.90 0.71 -6.39	28.12 0.77 -6.50	30.28 0.77 -8.62	28.08 0.85 -4.86	30.77 0.75 -9.17	31.10 0.75 -9.47	33.60 0.74 -12.44	33.09 0.74 -11.81	32.92 0.69 -12.66	41.76 0.67 -22.07	44.83 0.80 -23.05	41.55 0.80 -19.75	37.71 0.85 -15.12	31.69 0.90 -7.05	26.65 0.91 -2.46	25.33 0.77 -3.64	23.13 0.59 -2.02
GILBOA____1 23756	24.58 0.81 -0.73	22.77 0.69 -1.28	20.87 0.59 -2.41	20.24 0.55 -2.35	19.98 0.57 -1.64	22.18 0.68 -0.88	24.35 0.69 -2.85	26.59 0.79 -5.00	26.78 0.86 -5.07	28.50 0.88 -6.73	27.10 0.94 -3.79	28.86 0.86 -7.16	29.29 0.88 -7.55	31.26 0.86 -9.98	30.86 0.86 -9.45	30.57 0.84 -10.15	37.66 0.78 -17.85	40.50 0.88 -18.64	37.54 0.88 -15.65	34.49 0.96 -11.80	30.27 1.02 -5.51	26.21 1.00 -1.93	24.64 0.88 -2.85	22.81 0.72 -1.58
GILBOA____2 23757	24.58 0.81 -0.73	22.77 0.69 -1.28	20.87 0.59 -2.41	20.24 0.55 -2.35	19.98 0.57 -1.64	22.18 0.68 -0.88	24.35 0.69 -2.85	26.59 0.79 -5.00	26.78 0.86 -5.07	28.50 0.88 -6.73	27.10 0.94 -3.79	28.86 0.86 -7.16	29.29 0.88 -7.55	31.26 0.86 -9.98	30.86 0.86 -9.45	30.57 0.84 -10.15	37.66 0.78 -17.85	40.50 0.88 -18.64	37.54 0.88 -15.65	34.49 0.96 -11.80	30.27 1.02 -5.51	26.21 1.00 -1.93	24.64 0.88 -2.85	22.81 0.72 -1.58
GILBOA____3 23758	24.58 0.81 -0.73	22.77 0.69 -1.28	20.87 0.59 -2.41	20.24 0.55 -2.35	19.98 0.57 -1.64	22.18 0.68 -0.88	24.35 0.69 -2.85	26.59 0.79 -5.00	26.78 0.86 -5.07	28.50 0.88 -6.73	27.10 0.94 -3.79	28.86 0.86 -7.16	29.29 0.88 -7.55	31.26 0.86 -9.98	30.86 0.86 -9.45	30.57 0.84 -10.15	37.66 0.78 -17.85	40.50 0.88 -18.64	37.54 0.88 -15.65	34.49 0.96 -11.80	30.27 1.02 -5.51	26.21 1.00 -1.93	24.64 0.88 -2.85	22.81 0.72 -1.58
GILBOA____4 23759	24.58 0.81 -0.73	22.77 0.69 -1.28	20.87 0.59 -2.41	20.24 0.55 -2.35	19.98 0.57 -1.64	22.18 0.68 -0.88	24.35 0.69 -2.85	26.59 0.79 -5.00	26.78 0.86 -5.07	28.50 0.88 -6.73	27.10 0.94 -3.79	28.86 0.86 -7.16	29.29 0.88 -7.55	31.26 0.86 -9.98	30.86 0.86 -9.45	30.57 0.84 -10.15	37.66 0.78 -17.85	40.50 0.88 -18.64	37.54 0.88 -15.65	34.49 0.96 -11.80	30.27 1.02 -5.51	26.21 1.00 -1.93	24.64 0.88 -2.85	22.81 0.72 -1.58
GILBOA____ 23599	24.55 0.78 -0.73	22.77 0.69 -1.28	20.85 0.57 -2.41	20.24 0.55 -2.35	19.98 0.57 -1.64	22.17 0.66 -0.88	24.34 0.69 -2.85	26.58 0.79 -4.98	26.78 0.85 -5.07	28.50 0.88 -6.73	27.10 0.94 -3.79	28.86 0.85 -7.16	29.29 0.88 -7.55	31.26 0.86 -9.98	30.86 0.86 -9.45	30.55 0.82 -10.15	37.66 0.78 -17.85	40.50 0.88 -18.64	37.54 0.88 -15.65	34.49 0.96 -11.80	30.27 1.02 -5.50	26.20 1.00 -1.92	24.64 0.88 -2.84	22.81 0.72 -1.58
GINNA____ 23603	22.16 -0.97 -0.09	19.86 -1.10 -0.15	17.30 -0.86 -0.29	16.74 -0.88 -0.28	17.04 -0.92 -0.20	19.70 -1.03 -0.11	20.16 -1.00 -0.35	20.24 -1.19 -0.62	20.33 -1.15 -0.62	20.68 -1.04 -0.83	21.77 -1.07 -0.47	20.60 -1.13 -0.88	20.69 -1.11 -0.93	20.59 -1.06 -1.23	20.66 -1.05 -1.16	19.86 -0.96 -1.25	20.16 -1.07 -2.20	22.41 -0.86 -2.30	22.09 -0.84 -1.93	22.37 -0.83 -1.45	23.27 -1.09 -0.62	22.52 -0.98 -0.22	20.17 -1.07 -0.32	19.69 -1.00 -0.18
GLEN PARK____ 23778	23.43 0.35 -0.04	21.07 0.19 -0.07	17.97 -0.04 -0.13	17.45 -0.02 -0.13	17.90 0.04 -0.09	20.74 0.06 -0.05	21.44 0.50 -0.13	21.48 0.44 -0.23	21.28 0.19 -0.24	21.31 0.10 -0.32	22.71 0.16 -0.18	21.35 0.17 -0.34	21.39 0.17 -0.35	20.81 -0.08 -0.47	20.82 -0.17 -0.44	19.80 -0.26 -0.48	19.66 -0.21 -0.84	21.73 -0.13 -0.88	21.78 0.04 -0.74	22.45 0.15 -0.55	24.99 0.29 -0.96	24.12 0.23 -0.61	21.08 0.02 -0.15	20.62 0.02 -0.08

GLENDALE_27_KV_LOAD 356172	25.47 1.68 -0.74	23.63 1.52 -1.30	21.59 1.27 -2.45	20.91 1.18 -2.39	20.65 1.21 -1.67	22.92 1.40 -0.89	25.14 1.44 -2.89	27.79 1.91 -5.07	28.06 2.06 -5.15	29.85 2.13 -6.82	28.46 2.24 -3.85	30.22 2.11 -7.26	30.98 2.21 -7.89	33.14 2.19 -10.53	32.64 2.16 -9.95	32.38 2.09 -10.72	40.17 2.09 -19.05	43.05 2.18 -19.89	39.36 2.12 -16.24	35.86 2.15 -11.97	31.70 2.37 -5.58	27.54 2.30 -1.95	26.00 2.20 -2.89	23.82 1.70 -1.60
GLENWOOD_IC_1_G5 23712	27.39 1.82 -2.53	25.51 1.64 -3.05	22.44 1.38 -3.19	21.63 1.30 -2.99	21.45 1.33 -2.35	25.75 1.57 -3.56	27.55 1.62 -5.12	29.69 1.96 -6.93	31.89 2.13 -8.91	32.30 2.17 -9.23	31.75 2.28 -7.10	31.78 2.15 -8.78	33.71 2.11 -10.73	33.64 2.08 -11.13	37.14 2.07 -14.53	37.27 2.02 -15.68	40.41 2.02 -19.37	43.15 2.16 -20.02	39.45 2.14 -16.30	35.99 2.13 -12.11	39.73 2.30 -13.68	32.75 2.23 -7.23	32.45 2.17 -9.36	28.21 1.81 -5.89
GLENWOOD_IC_2_G1 23688	27.25 1.68 -2.53	25.34 1.48 -3.05	22.33 1.27 -3.19	21.52 1.20 -2.99	21.32 1.21 -2.35	25.65 1.46 -3.56	27.44 1.50 -5.13	29.55 1.81 -6.94	31.72 1.96 -8.91	32.09 2.01 -9.19	31.54 2.10 -7.06	31.56 1.98 -8.73	33.65 2.05 -10.73	33.52 2.02 -11.08	37.08 2.01 -14.53	37.21 1.96 -15.68	40.35 1.96 -19.37	43.09 2.10 -20.02	39.32 2.06 -16.26	35.86 2.07 -12.05	39.67 2.26 -13.68	32.70 2.21 -7.21	32.32 2.03 -9.38	28.07 1.66 -5.90
GLENWOOD_IC_3_G1 23689	27.25 1.68 -2.53	25.34 1.48 -3.05	22.33 1.27 -3.19	21.52 1.20 -2.99	21.32 1.21 -2.35	25.65 1.46 -3.56	27.44 1.50 -5.13	29.55 1.81 -6.94	31.72 1.96 -8.91	32.09 2.01 -9.19	31.54 2.10 -7.06	31.56 1.98 -8.73	33.65 2.05 -10.73	33.52 2.02 -11.08	37.08 2.01 -14.53	37.21 1.96 -15.68	40.35 1.96 -19.37	43.09 2.10 -20.02	39.32 2.06 -16.26	35.86 2.07 -12.05	39.67 2.26 -13.68	32.70 2.21 -7.21	32.32 2.03 -9.38	28.07 1.66 -5.90
GLENWOOD___4 23550	27.39 1.82 -2.53	25.51 1.64 -3.05	22.44 1.38 -3.19	21.63 1.30 -2.99	21.45 1.33 -2.35	25.75 1.57 -3.56	27.55 1.62 -5.12	29.69 1.96 -6.93	31.89 2.13 -8.91	32.30 2.17 -9.23	31.75 2.28 -7.10	31.78 2.15 -8.78	33.75 2.15 -10.73	33.68 2.12 -11.13	37.21 2.14 -14.53	37.31 2.06 -15.68	40.45 2.05 -19.37	43.22 2.22 -20.02	39.51 2.20 -16.30	36.05 2.20 -12.11	39.77 2.35 -13.68	32.82 2.30 -7.23	32.45 2.17 -9.36	28.21 1.81 -5.89
GLENWOOD___5 23614	27.39 1.82 -2.53	25.51 1.64 -3.05	22.44 1.38 -3.19	21.63 1.30 -2.99	21.45 1.33 -2.35	25.75 1.57 -3.56	27.55 1.62 -5.12	29.69 1.96 -6.93	31.89 2.13 -8.91	32.30 2.17 -9.23	31.75 2.28 -7.10	31.78 2.15 -8.78	33.75 2.15 -10.73	33.68 2.12 -11.13	37.21 2.14 -14.53	37.31 2.06 -15.68	40.45 2.05 -19.37	43.22 2.22 -20.02	39.51 2.20 -16.30	36.05 2.20 -12.11	39.77 2.35 -13.68	32.82 2.30 -7.23	32.45 2.17 -9.36	28.21 1.81 -5.89
GLOBAL GREEN_PORT_GT1 23814	29.24 3.66 -2.53	27.09 3.23 -3.05	23.85 2.79 -3.19	22.99 2.67 -2.99	22.84 2.72 -2.35	27.38 3.20 -3.56	29.25 3.31 -5.13	31.45 3.70 -6.94	33.79 4.02 -8.92	38.30 4.12 -13.29	37.29 4.23 -10.69	38.98 3.90 -14.23	47.49 4.03 -22.59	51.50 3.96 -27.11	84.92 3.99 -60.39	86.32 3.86 -62.89	126.49 3.79 -103.68	126.75 4.15 -101.62	113.43 4.07 -88.35	73.45 4.24 -47.47	46.11 4.58 -17.78	39.13 4.49 -11.35	34.28 3.97 -9.39	29.88 3.47 -5.90
GLOBE___DSASP 323697	22.31 -0.85 -0.11	20.09 -0.92 -0.20	17.46 -0.79 -0.38	16.91 -0.80 -0.37	17.12 -0.91 -0.26	19.71 -1.05 -0.14	20.17 -1.08 -0.45	20.09 -1.50 -0.78	20.31 -1.36 -0.82	20.76 -1.21 -1.08	21.69 -1.30 -0.61	20.61 -1.40 -1.15	20.71 -1.38 -1.22	20.78 -1.25 -1.61	20.81 -1.25 -1.52	19.92 -1.29 -1.64	20.53 -1.37 -2.88	22.99 -0.99 -3.00	22.62 -0.90 -2.52	22.77 -0.87 -1.90	23.46 -1.16 -0.89	22.82 -0.77 -0.31	20.33 -1.05 -0.46	20.01 -0.76 -0.25
GOETHSLN___LBMP 323567	25.12 1.34 -0.74	23.31 1.21 -1.29	21.32 1.00 -2.45	20.65 0.92 -2.39	20.40 0.96 -1.67	22.65 1.13 -0.89	24.91 1.21 -2.89	27.50 1.62 -5.07	27.81 1.81 -5.15	29.58 1.86 -6.82	28.19 1.97 -3.85	29.97 1.86 -7.26	30.66 1.90 -7.89	32.78 1.84 -10.52	31.08 1.81 -8.74	32.06 1.78 -10.71	33.38 1.77 -12.59	42.74 1.87 -19.89	33.55 1.83 -10.72	35.54 1.83 -11.97	31.32 1.99 -5.58	27.21 1.98 -1.95	25.68 1.88 -2.89	23.51 1.39 -1.60
GOLAH___69_KV_TB 1_2 80279	23.23 0.09 -0.09	20.95 -0.02 -0.16	18.11 -0.07 -0.31	17.55 -0.09 -0.30	17.84 -0.14 -0.21	20.63 -0.10 -0.11	21.13 -0.04 -0.36	21.17 -0.27 -0.63	21.26 -0.25 -0.66	21.62 -0.15 -0.88	22.82 -0.04 -0.50	21.58 -0.21 -0.93	21.69 -0.17 -0.99	21.52 -0.20 -1.30	21.59 -0.18 -1.23	20.64 -0.25 -1.33	21.03 -0.32 -2.33	23.47 0.06 -2.43	23.17 0.13 -2.04	23.48 0.20 -1.54	24.46 0.00 -0.72	23.76 0.23 -0.25	21.22 -0.06 -0.37	20.84 0.12 -0.21
GOODYEAR_LAKE_HYD 323669	24.42 1.01 -0.36	22.29 0.85 -0.63	19.71 0.64 -1.19	19.11 0.61 -1.16	19.22 0.64 -0.81	21.84 0.78 -0.44	23.11 0.89 -1.41	24.30 1.02 -2.47	24.45 1.06 -2.54	25.34 1.09 -3.36	25.48 1.21 -1.89	25.51 1.08 -3.57	25.75 1.11 -3.77	26.43 1.02 -4.98	26.27 1.01 -4.72	25.62 0.98 -5.07	28.86 0.91 -8.92	31.38 1.09 -9.31	29.93 1.11 -7.82	28.79 1.15 -5.89	27.90 1.26 -2.90	25.59 1.23 -1.08	23.32 0.98 -1.42	22.12 0.82 -0.79
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	23.48 0.21 -0.23	21.32 0.10 -0.41	18.68 0.04 -0.77	18.11 0.02 -0.75	18.30 0.00 -0.53	20.93 0.02 -0.28	21.82 0.10 -0.91	22.49 0.08 -1.59	22.66 0.15 -1.67	23.29 0.19 -2.21	23.87 0.25 -1.25	23.33 0.13 -2.35	23.50 0.15 -2.48	23.87 0.16 -3.28	23.81 0.16 -3.11	23.03 0.12 -3.34	24.99 0.10 -5.87	27.40 0.29 -6.13	26.48 0.34 -5.15	25.99 0.37 -3.88	26.16 0.31 -2.11	24.49 0.35 -0.86	22.02 0.17 -0.94	21.17 0.14 -0.52
GOUDEY___7 23579	23.51 0.23 -0.23	21.34 0.12 -0.41	18.68 0.04 -0.77	18.11 0.02 -0.75	18.31 0.02 -0.53	20.95 0.04 -0.28	21.84 0.12 -0.91	22.51 0.10 -1.59	22.69 0.17 -1.67	23.31 0.21 -2.21	23.89 0.27 -1.25	23.35 0.15 -2.35	23.52 0.17 -2.48	23.89 0.18 -3.28	23.83 0.18 -3.11	23.05 0.14 -3.34	25.01 0.11 -5.87	27.42 0.31 -6.13	26.50 0.36 -5.15	26.01 0.39 -3.88	26.19 0.33 -2.11	24.51 0.37 -0.86	22.04 0.19 -0.94	21.20 0.16 -0.52
GOUDEY___8 23580	23.48 0.21 -0.23	21.32 0.10 -0.41	18.68 0.04 -0.77	18.11 0.02 -0.75	18.30 0.00 -0.53	20.93 0.02 -0.28	21.82 0.10 -0.91	22.49 0.08 -1.59	22.66 0.15 -1.67	23.29 0.19 -2.21	23.87 0.25 -1.25	23.33 0.13 -2.35	23.50 0.15 -2.48	23.87 0.16 -3.28	23.81 0.16 -3.11	23.03 0.12 -3.34	24.99 0.10 -5.87	27.40 0.29 -6.13	26.48 0.34 -5.15	25.99 0.37 -3.88	26.16 0.31 -2.11	24.49 0.35 -0.86	22.02 0.17 -0.94	21.17 0.14 -0.52
GOWANUS_GT1_1 24077	25.52 1.73 -0.75	23.65 1.54 -1.30	21.59 1.27 -2.45	20.91 1.18 -2.39	20.65 1.21 -1.67	22.90 1.38 -0.89	25.07 1.37 -2.89	27.75 1.87 -5.07	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.12 2.16 -10.53	32.64 2.16 -9.95	32.33 2.04 -10.72	40.13 2.05 -19.05	42.99 2.12 -19.89	39.30 2.06 -16.24	35.86 2.15 -11.97	31.68 2.35 -5.58	27.54 2.30 -1.95	26.02 2.22 -2.89	23.84 1.72 -1.60

GOWANUS_GT1_2 24078	25.52 1.73 -0.75	23.65 1.54 -1.30	21.59 1.27 -2.45	20.91 1.18 -2.39	20.65 1.21 -1.67	22.90 1.38 -0.89	25.07 1.37 -2.89	27.75 1.87 -5.07	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.12 2.16 -10.53	32.64 2.16 -9.95	32.33 2.04 -10.72	40.13 2.05 -19.05	42.99 2.12 -19.89	39.30 2.06 -16.24	35.86 2.15 -11.97	31.68 2.35 -5.58	27.54 2.30 -1.95	26.02 2.22 -2.89	23.84 1.72 -1.60
GOWANUS_GT1_3 24079	25.52 1.73 -0.75	23.65 1.54 -1.30	21.59 1.27 -2.45	20.91 1.18 -2.39	20.65 1.21 -1.67	22.90 1.38 -0.89	25.07 1.37 -2.89	27.75 1.87 -5.07	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.12 2.16 -10.53	32.64 2.16 -9.95	32.33 2.04 -10.72	40.13 2.05 -19.05	42.99 2.12 -19.89	39.30 2.06 -16.24	35.86 2.15 -11.97	31.68 2.35 -5.58	27.54 2.30 -1.95	26.02 2.22 -2.89	23.84 1.72 -1.60
GOWANUS_GT1_4 24080	25.52 1.73 -0.75	23.65 1.54 -1.30	21.59 1.27 -2.45	20.91 1.18 -2.39	20.65 1.21 -1.67	22.90 1.38 -0.89	25.07 1.37 -2.89	27.75 1.87 -5.07	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.12 2.16 -10.53	32.64 2.16 -9.95	32.33 2.04 -10.72	40.13 2.05 -19.05	42.99 2.12 -19.89	39.30 2.06 -16.24	35.86 2.15 -11.97	31.68 2.35 -5.58	27.54 2.30 -1.95	26.02 2.22 -2.89	23.84 1.72 -1.60
GOWANUS_GT1_5 24084	25.52 1.73 -0.75	23.65 1.54 -1.30	21.59 1.27 -2.45	20.91 1.18 -2.39	20.65 1.21 -1.67	22.90 1.38 -0.89	25.07 1.37 -2.89	27.75 1.87 -5.07	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.12 2.16 -10.53	32.64 2.16 -9.95	32.33 2.04 -10.72	40.13 2.05 -19.05	42.99 2.12 -19.89	39.30 2.06 -16.24	35.86 2.15 -11.97	31.68 2.35 -5.58	27.54 2.30 -1.95	26.02 2.22 -2.89	23.84 1.72 -1.60
GOWANUS_GT1_6 24111	25.52 1.73 -0.75	23.65 1.54 -1.30	21.59 1.27 -2.45	20.91 1.18 -2.39	20.65 1.21 -1.67	22.90 1.38 -0.89	25.07 1.37 -2.89	27.75 1.87 -5.07	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.12 2.16 -10.53	32.64 2.16 -9.95	32.33 2.04 -10.72	40.13 2.05 -19.05	42.99 2.12 -19.89	39.30 2.06 -16.24	35.86 2.15 -11.97	31.68 2.35 -5.58	27.54 2.30 -1.95	26.02 2.22 -2.89	23.84 1.72 -1.60
GOWANUS_GT1_7 24112	25.52 1.73 -0.75	23.65 1.54 -1.30	21.59 1.27 -2.45	20.91 1.18 -2.39	20.65 1.21 -1.67	22.90 1.38 -0.89	25.07 1.37 -2.89	27.75 1.87 -5.07	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.12 2.16 -10.53	32.64 2.16 -9.95	32.33 2.04 -10.72	40.13 2.05 -19.05	42.99 2.12 -19.89	39.30 2.06 -16.24	35.86 2.15 -11.97	31.68 2.35 -5.58	27.54 2.30 -1.95	26.02 2.22 -2.89	23.84 1.72 -1.60
GOWANUS_GT1_8 24113	25.52 1.73 -0.75	23.65 1.54 -1.30	21.59 1.27 -2.45	20.91 1.18 -2.39	20.65 1.21 -1.67	22.90 1.38 -0.89	25.07 1.37 -2.89	27.75 1.87 -5.07	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.12 2.16 -10.53	32.64 2.16 -9.95	32.33 2.04 -10.72	40.13 2.05 -19.05	42.99 2.12 -19.89	39.30 2.06 -16.24	35.86 2.15 -11.97	31.68 2.35 -5.58	27.54 2.30 -1.95	26.02 2.22 -2.89	23.84 1.72 -1.60
GOWANUS_GT2_1 24114	25.57 1.77 -0.75	23.65 1.54 -1.30	21.63 1.30 -2.45	20.92 1.20 -2.39	20.65 1.21 -1.67	22.92 1.40 -0.89	25.08 1.37 -2.90	27.76 1.87 -5.08	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.11 2.16 -10.53	32.64 2.16 -9.95	32.40 2.11 -10.72	40.10 2.02 -19.05	43.01 2.14 -19.89	39.34 2.10 -16.24	35.75 2.04 -11.97	31.71 2.35 -5.62	27.57 2.33 -1.96	26.04 2.22 -2.91	23.85 1.72 -1.61
GOWANUS_GT2_2 24115	25.57 1.77 -0.75	23.65 1.54 -1.30	21.63 1.30 -2.45	20.92 1.20 -2.39	20.65 1.21 -1.67	22.92 1.40 -0.89	25.08 1.37 -2.90	27.76 1.87 -5.08	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.11 2.16 -10.53	32.64 2.16 -9.95	32.40 2.11 -10.72	40.10 2.02 -19.05	43.01 2.14 -19.89	39.34 2.10 -16.24	35.75 2.04 -11.97	31.71 2.35 -5.62	27.57 2.33 -1.96	26.04 2.22 -2.91	23.85 1.72 -1.61
GOWANUS_GT2_3 24116	25.57 1.77 -0.75	23.65 1.54 -1.30	21.63 1.30 -2.45	20.92 1.20 -2.39	20.65 1.21 -1.67	22.92 1.40 -0.89	25.08 1.37 -2.90	27.76 1.87 -5.08	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.11 2.16 -10.53	32.64 2.16 -9.95	32.40 2.11 -10.72	40.10 2.02 -19.05	43.01 2.14 -19.89	39.34 2.10 -16.24	35.75 2.04 -11.97	31.71 2.35 -5.62	27.57 2.33 -1.96	26.04 2.22 -2.91	23.85 1.72 -1.61
GOWANUS_GT2_4 24117	25.57 1.77 -0.75	23.65 1.54 -1.30	21.63 1.30 -2.45	20.92 1.20 -2.39	20.65 1.21 -1.67	22.92 1.40 -0.89	25.08 1.37 -2.90	27.76 1.87 -5.08	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.11 2.16 -10.53	32.64 2.16 -9.95	32.40 2.11 -10.72	40.10 2.02 -19.05	43.01 2.14 -19.89	39.34 2.10 -16.24	35.75 2.04 -11.97	31.71 2.35 -5.62	27.57 2.33 -1.96	26.04 2.22 -2.91	23.85 1.72 -1.61
GOWANUS_GT2_5 24118	25.57 1.77 -0.75	23.65 1.54 -1.30	21.63 1.30 -2.45	20.92 1.20 -2.39	20.65 1.21 -1.67	22.92 1.40 -0.89	25.08 1.37 -2.90	27.76 1.87 -5.08	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.11 2.16 -10.53	32.64 2.16 -9.95	32.40 2.11 -10.72	40.10 2.02 -19.05	43.01 2.14 -19.89	39.34 2.10 -16.24	35.75 2.04 -11.97	31.71 2.35 -5.62	27.57 2.33 -1.96	26.04 2.22 -2.91	23.85 1.72 -1.61
GOWANUS_GT2_6 24119	25.57 1.77 -0.75	23.65 1.54 -1.30	21.63 1.30 -2.45	20.92 1.20 -2.39	20.65 1.21 -1.67	22.92 1.40 -0.89	25.08 1.37 -2.90	27.76 1.87 -5.08	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.11 2.16 -10.53	32.64 2.16 -9.95	32.40 2.11 -10.72	40.10 2.02 -19.05	43.01 2.14 -19.89	39.34 2.10 -16.24	35.75 2.04 -11.97	31.71 2.35 -5.62	27.57 2.33 -1.96	26.04 2.22 -2.91	23.85 1.72 -1.61
GOWANUS_GT2_7 24120	25.57 1.77 -0.75	23.65 1.54 -1.30	21.63 1.30 -2.45	20.92 1.20 -2.39	20.65 1.21 -1.67	22.92 1.40 -0.89	25.08 1.37 -2.90	27.76 1.87 -5.08	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.11 2.16 -10.53	32.64 2.16 -9.95	32.40 2.11 -10.72	40.10 2.02 -19.05	43.01 2.14 -19.89	39.34 2.10 -16.24	35.75 2.04 -11.97	31.71 2.35 -5.62	27.57 2.33 -1.96	26.04 2.22 -2.91	23.85 1.72 -1.61
GOWANUS_GT2_8 24121	25.57 1.77 -0.75	23.65 1.54 -1.30	21.63 1.30 -2.45	20.92 1.20 -2.39	20.65 1.21 -1.67	22.92 1.40 -0.89	25.08 1.37 -2.90	27.76 1.87 -5.08	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.11 2.16 -10.53	32.64 2.16 -9.95	32.40 2.11 -10.72	40.10 2.02 -19.05	43.01 2.14 -19.89	39.34 2.10 -16.24	35.75 2.04 -11.97	31.71 2.35 -5.62	27.57 2.33 -1.96	26.04 2.22 -2.91	23.85 1.72 -1.61

GOWANUS_GT3_1 24122	25.57 1.77 -0.75	23.65 1.54 -1.30	21.63 1.30 -2.45	20.92 1.20 -2.39	20.65 1.21 -1.67	22.92 1.40 -0.89	25.08 1.37 -2.90	27.76 1.87 -5.08	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.11 2.16 -10.53	32.64 2.16 -9.95	32.40 2.11 -10.72	40.10 2.02 -19.05	43.01 2.14 -19.89	39.34 2.10 -16.24	35.75 2.04 -11.97	31.71 2.35 -5.62	27.57 2.33 -1.96	26.04 2.22 -2.91	23.85 1.72 -1.61
GOWANUS_GT3_2 24123	25.57 1.77 -0.75	23.65 1.54 -1.30	21.63 1.30 -2.45	20.92 1.20 -2.39	20.65 1.21 -1.67	22.92 1.40 -0.89	25.08 1.37 -2.90	27.76 1.87 -5.08	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.11 2.16 -10.53	32.64 2.16 -9.95	32.40 2.11 -10.72	40.10 2.02 -19.05	43.01 2.14 -19.89	39.34 2.10 -16.24	35.75 2.04 -11.97	31.71 2.35 -5.62	27.57 2.33 -1.96	26.04 2.22 -2.91	23.85 1.72 -1.61
GOWANUS_GT3_3 24124	25.57 1.77 -0.75	23.65 1.54 -1.30	21.63 1.30 -2.45	20.92 1.20 -2.39	20.65 1.21 -1.67	22.92 1.40 -0.89	25.08 1.37 -2.90	27.76 1.87 -5.08	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.11 2.16 -10.53	32.64 2.16 -9.95	32.40 2.11 -10.72	40.10 2.02 -19.05	43.01 2.14 -19.89	39.34 2.10 -16.24	35.75 2.04 -11.97	31.71 2.35 -5.62	27.57 2.33 -1.96	26.04 2.22 -2.91	23.85 1.72 -1.61
GOWANUS_GT3_4 24125	25.57 1.77 -0.75	23.65 1.54 -1.30	21.63 1.30 -2.45	20.92 1.20 -2.39	20.65 1.21 -1.67	22.92 1.40 -0.89	25.08 1.37 -2.90	27.76 1.87 -5.08	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.11 2.16 -10.53	32.64 2.16 -9.95	32.40 2.11 -10.72	40.10 2.02 -19.05	43.01 2.14 -19.89	39.34 2.10 -16.24	35.75 2.04 -11.97	31.71 2.35 -5.62	27.57 2.33 -1.96	26.04 2.22 -2.91	23.85 1.72 -1.61
GOWANUS_GT3_5 24126	25.57 1.77 -0.75	23.65 1.54 -1.30	21.63 1.30 -2.45	20.92 1.20 -2.39	20.65 1.21 -1.67	22.92 1.40 -0.89	25.08 1.37 -2.90	27.76 1.87 -5.08	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.11 2.16 -10.53	32.64 2.16 -9.95	32.40 2.11 -10.72	40.10 2.02 -19.05	43.01 2.14 -19.89	39.34 2.10 -16.24	35.75 2.04 -11.97	31.71 2.35 -5.62	27.57 2.33 -1.96	26.04 2.22 -2.91	23.85 1.72 -1.61
GOWANUS_GT3_6 24127	25.57 1.77 -0.75	23.65 1.54 -1.30	21.63 1.30 -2.45	20.92 1.20 -2.39	20.65 1.21 -1.67	22.92 1.40 -0.89	25.08 1.37 -2.90	27.76 1.87 -5.08	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.11 2.16 -10.53	32.64 2.16 -9.95	32.40 2.11 -10.72	40.10 2.02 -19.05	43.01 2.14 -19.89	39.34 2.10 -16.24	35.75 2.04 -11.97	31.71 2.35 -5.62	27.57 2.33 -1.96	26.04 2.22 -2.91	23.85 1.72 -1.61
GOWANUS_GT3_7 24128	25.57 1.77 -0.75	23.65 1.54 -1.30	21.63 1.30 -2.45	20.92 1.20 -2.39	20.65 1.21 -1.67	22.92 1.40 -0.89	25.08 1.37 -2.90	27.76 1.87 -5.08	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.11 2.16 -10.53	32.64 2.16 -9.95	32.40 2.11 -10.72	40.10 2.02 -19.05	43.01 2.14 -19.89	39.34 2.10 -16.24	35.75 2.04 -11.97	31.71 2.35 -5.62	27.57 2.33 -1.96	26.04 2.22 -2.91	23.85 1.72 -1.61
GOWANUS_GT3_8 24129	25.57 1.77 -0.75	23.65 1.54 -1.30	21.63 1.30 -2.45	20.92 1.20 -2.39	20.65 1.21 -1.67	22.92 1.40 -0.89	25.08 1.37 -2.90	27.76 1.87 -5.08	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.11 2.16 -10.53	32.64 2.16 -9.95	32.40 2.11 -10.72	40.10 2.02 -19.05	43.01 2.14 -19.89	39.34 2.10 -16.24	35.75 2.04 -11.97	31.71 2.35 -5.62	27.57 2.33 -1.96	26.04 2.22 -2.91	23.85 1.72 -1.61
GOWANUS_GT4_1 24130	25.52 1.73 -0.75	23.65 1.54 -1.30	21.59 1.27 -2.45	20.91 1.18 -2.39	20.65 1.21 -1.67	22.90 1.38 -0.89	25.07 1.37 -2.89	27.75 1.87 -5.07	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.12 2.16 -10.53	32.64 2.16 -9.95	32.33 2.04 -10.72	40.13 2.05 -19.05	42.99 2.12 -19.89	39.30 2.06 -16.24	35.86 2.15 -11.97	31.68 2.35 -5.58	27.54 2.30 -1.95	26.02 2.22 -2.89	23.84 1.72 -1.60
GOWANUS_GT4_2 24131	25.52 1.73 -0.75	23.65 1.54 -1.30	21.59 1.27 -2.45	20.91 1.18 -2.39	20.65 1.21 -1.67	22.90 1.38 -0.89	25.07 1.37 -2.89	27.75 1.87 -5.07	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.12 2.16 -10.53	32.64 2.16 -9.95	32.33 2.04 -10.72	40.13 2.05 -19.05	42.99 2.12 -19.89	39.30 2.06 -16.24	35.86 2.15 -11.97	31.68 2.35 -5.58	27.54 2.30 -1.95	26.02 2.22 -2.89	23.84 1.72 -1.60
GOWANUS_GT4_3 24132	25.52 1.73 -0.75	23.65 1.54 -1.30	21.59 1.27 -2.45	20.91 1.18 -2.39	20.65 1.21 -1.67	22.90 1.38 -0.89	25.07 1.37 -2.89	27.75 1.87 -5.07	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.12 2.16 -10.53	32.64 2.16 -9.95	32.33 2.04 -10.72	40.13 2.05 -19.05	42.99 2.12 -19.89	39.30 2.06 -16.24	35.86 2.15 -11.97	31.68 2.35 -5.58	27.54 2.30 -1.95	26.02 2.22 -2.89	23.84 1.72 -1.60
GOWANUS_GT4_4 24133	25.52 1.73 -0.75	23.65 1.54 -1.30	21.59 1.27 -2.45	20.91 1.18 -2.39	20.65 1.21 -1.67	22.90 1.38 -0.89	25.07 1.37 -2.89	27.75 1.87 -5.07	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.12 2.16 -10.53	32.64 2.16 -9.95	32.33 2.04 -10.72	40.13 2.05 -19.05	42.99 2.12 -19.89	39.30 2.06 -16.24	35.86 2.15 -11.97	31.68 2.35 -5.58	27.54 2.30 -1.95	26.02 2.22 -2.89	23.84 1.72 -1.60
GOWANUS_GT4_5 24134	25.52 1.73 -0.75	23.65 1.54 -1.30	21.59 1.27 -2.45	20.91 1.18 -2.39	20.65 1.21 -1.67	22.90 1.38 -0.89	25.07 1.37 -2.89	27.75 1.87 -5.07	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.12 2.16 -10.53	32.64 2.16 -9.95	32.33 2.04 -10.72	40.13 2.05 -19.05	42.99 2.12 -19.89	39.30 2.06 -16.24	35.86 2.15 -11.97	31.68 2.35 -5.58	27.54 2.30 -1.95	26.02 2.22 -2.89	23.84 1.72 -1.60
GOWANUS_GT4_6 24135	25.52 1.73 -0.75	23.65 1.54 -1.30	21.59 1.27 -2.45	20.91 1.18 -2.39	20.65 1.21 -1.67	22.90 1.38 -0.89	25.07 1.37 -2.89	27.75 1.87 -5.07	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.12 2.16 -10.53	32.64 2.16 -9.95	32.33 2.04 -10.72	40.13 2.05 -19.05	42.99 2.12 -19.89	39.30 2.06 -16.24	35.86 2.15 -11.97	31.68 2.35 -5.58	27.54 2.30 -1.95	26.02 2.22 -2.89	23.84 1.72 -1.60
GOWANUS_GT4_7 24136	25.52 1.73 -0.75	23.65 1.54 -1.30	21.59 1.27 -2.45	20.91 1.18 -2.39	20.65 1.21 -1.67	22.90 1.38 -0.89	25.07 1.37 -2.89	27.75 1.87 -5.07	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.12 2.16 -10.53	32.64 2.16 -9.95	32.33 2.04 -10.72	40.13 2.05 -19.05	42.99 2.12 -19.89	39.30 2.06 -16.24	35.86 2.15 -11.97	31.68 2.35 -5.58	27.54 2.30 -1.95	26.02 2.22 -2.89	23.84 1.72 -1.60

GOWANUS_GT4_8 24137	25.52 1.73 -0.75	23.65 1.54 -1.30	21.59 1.27 -2.45	20.91 1.18 -2.39	20.65 1.21 -1.67	22.90 1.38 -0.89	25.07 1.37 -2.89	27.75 1.87 -5.07	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.12 2.16 -10.53	32.64 2.16 -9.95	32.33 2.04 -10.72	40.13 2.05 -19.05	42.99 2.12 -19.89	39.30 2.06 -16.24	35.86 2.15 -11.97	31.68 2.35 -5.58	27.54 2.30 -1.95	26.02 2.22 -2.89	23.84 1.72 -1.60
GREENBSH_115KV_TB3 55895	24.62 0.65 -0.93	22.99 0.54 -1.64	21.45 0.48 -3.10	20.83 0.47 -3.02	20.36 0.48 -2.11	22.29 0.54 -1.13	25.03 0.56 -3.66	27.86 0.65 -6.40	28.06 0.69 -6.52	30.23 0.69 -8.64	28.01 0.76 -4.87	30.73 0.69 -9.20	30.98 0.67 -9.44	33.45 0.65 -12.38	32.96 0.66 -11.76	32.78 0.61 -12.60	41.52 0.59 -21.90	44.54 0.69 -22.87	41.43 0.71 -19.72	37.66 0.76 -15.16	31.62 0.81 -7.07	26.54 0.79 -2.47	25.24 0.67 -3.66	23.03 0.49 -2.03
GREENDGE_115KV_TB5 80291	23.44 0.25 -0.14	21.14 0.08 -0.25	18.33 -0.02 -0.48	17.75 -0.05 -0.46	18.02 -0.07 -0.32	20.78 -0.02 -0.17	21.54 0.17 -0.56	21.85 0.06 -0.98	21.97 0.08 -1.04	22.41 0.15 -1.37	23.39 0.25 -0.77	22.37 0.06 -1.46	22.52 0.10 -1.54	22.56 0.10 -2.03	22.59 0.12 -1.93	21.66 0.02 -2.07	22.69 0.02 -3.64	25.16 0.38 -3.80	24.65 0.46 -3.19	24.67 0.52 -2.41	25.47 0.36 -1.37	24.23 0.37 -0.58	21.58 0.08 -0.58	20.94 0.10 -0.32
GREENIDGE____3 23582	23.44 0.25 -0.14	21.14 0.08 -0.25	18.33 -0.02 -0.48	17.75 -0.05 -0.46	18.02 -0.07 -0.32	20.78 -0.02 -0.17	21.54 0.17 -0.56	21.85 0.06 -0.98	21.97 0.08 -1.04	22.41 0.15 -1.37	23.39 0.25 -0.77	22.37 0.06 -1.46	22.52 0.10 -1.54	22.56 0.10 -2.03	22.59 0.12 -1.93	21.66 0.02 -2.07	22.69 0.02 -3.64	25.16 0.38 -3.80	24.65 0.46 -3.19	24.67 0.52 -2.41	25.47 0.36 -1.37	24.23 0.37 -0.58	21.58 0.08 -0.58	20.94 0.10 -0.32
GREENIDGE____4 23583	23.53 0.35 -0.14	21.10 0.04 -0.25	18.38 0.04 -0.48	17.80 0.00 -0.46	18.09 0.00 -0.32	20.86 0.06 -0.17	21.60 0.21 -0.58	21.87 0.04 -1.02	21.97 0.08 -1.04	22.41 0.15 -1.37	23.39 0.25 -0.77	22.37 0.06 -1.46	22.52 0.10 -1.54	22.56 0.10 -2.03	22.59 0.12 -1.93	21.76 0.12 -2.07	22.69 0.02 -3.64	25.16 0.38 -3.80	24.65 0.46 -3.19	24.67 0.52 -2.41	25.39 0.38 -1.27	24.20 0.37 -0.54	21.53 0.08 -0.53	20.87 0.06 -0.29
GREENLWN_69_KV_BK 3 55738	27.72 2.14 -2.53	25.82 1.96 -3.06	22.71 1.64 -3.19	21.89 1.56 -2.99	21.72 1.60 -2.35	26.07 1.88 -3.57	27.85 1.91 -5.13	29.96 2.23 -6.93	32.16 2.40 -8.91	31.92 2.42 -8.60	31.37 2.46 -6.54	30.76 2.29 -7.62	31.74 2.38 -8.49	30.75 2.35 -7.98	27.22 2.32 -4.36	27.04 2.25 -5.22	21.97 2.26 -0.68	25.33 2.43 -1.92	24.13 2.48 -0.65	28.94 2.46 -4.74	39.30 2.52 -13.04	32.29 2.65 -6.35	32.59 2.32 -9.36	28.46 2.05 -5.89
GREENWD_138_KV_38B11_REV_LBMP_J 345004	25.52 1.73 -0.75	23.65 1.54 -1.30	21.59 1.27 -2.45	20.91 1.18 -2.39	20.65 1.21 -1.67	22.90 1.38 -0.89	25.07 1.37 -2.89	27.75 1.87 -5.07	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.12 2.16 -10.53	32.64 2.16 -9.95	32.33 2.04 -10.72	40.13 2.05 -19.05	42.99 2.12 -19.89	39.30 2.06 -16.24	35.86 2.15 -11.97	31.68 2.35 -5.58	27.54 2.30 -1.95	26.02 2.22 -2.89	23.84 1.72 -1.60
GRISSOM____SOLAR 323813	26.27 2.26 -0.97	24.44 1.94 -1.70	22.69 1.61 -3.21	22.03 1.56 -3.13	21.58 1.62 -2.19	23.74 1.94 -1.17	26.81 2.20 -3.79	29.66 2.20 -6.65	29.78 2.17 -6.76	31.94 2.09 -8.96	30.11 2.68 -5.05	32.69 2.31 -9.53	32.95 2.25 -9.82	35.14 1.84 -12.88	34.55 1.77 -12.24	34.37 1.68 -13.11	43.53 1.67 -22.83	46.94 2.12 -23.84	43.75 2.27 -20.49	39.86 2.41 -15.71	34.77 2.47 -8.56	28.62 2.35 -2.99	27.11 1.78 -4.42	24.57 1.60 -2.46
GROVEVILLE____HYD 323602	25.31 1.52 -0.74	23.49 1.37 -1.30	21.49 1.16 -2.46	20.83 1.09 -2.40	20.55 1.10 -1.68	22.84 1.32 -0.90	25.07 1.35 -2.91	27.48 1.58 -5.09	27.64 1.63 -5.16	29.40 1.67 -6.84	28.02 1.79 -3.86	29.82 1.69 -7.28	30.48 1.75 -7.85	32.59 1.72 -10.46	32.15 1.73 -9.88	31.90 1.68 -10.64	39.64 1.73 -18.88	42.60 1.91 -19.72	39.07 1.87 -16.20	35.61 1.87 -12.00	31.37 2.02 -5.61	27.20 1.96 -1.96	25.55 1.74 -2.90	23.54 1.42 -1.61
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	23.26 0.14 -0.07	20.98 0.04 -0.13	18.10 -0.02 -0.25	17.54 -0.03 -0.24	17.90 -0.04 -0.17	20.67 0.25 -0.09	21.35 0.19 -0.29	21.51 0.17 -0.51	21.56 0.17 -0.54	21.84 0.23 -0.72	23.12 0.34 -0.41	21.84 0.23 -0.77	21.89 0.21 -0.81	21.69 0.20 -1.07	21.80 0.25 -1.01	20.84 0.18 -1.09	21.09 0.15 -1.91	23.31 0.34 -2.00	23.03 0.36 -1.68	23.37 0.37 -1.26	25.14 0.02 -1.38	24.08 0.00 -0.80	21.13 -0.08 -0.30	20.68 0.00 -0.17
HAMLTNNY_34_KV_TB 80303	23.29 0.16 -0.08	21.03 0.08 -0.14	18.16 0.02 -0.27	17.60 0.00 -0.26	17.94 -0.02 -0.18	20.72 0.00 -0.10	21.60 0.48 -0.32	21.80 0.44 -0.55	21.88 0.44 -0.59	22.20 0.52 -0.79	23.47 0.65 -0.44	22.17 0.48 -0.84	22.24 0.48 -0.88	22.06 0.47 -1.17	22.16 0.51 -1.11	21.19 0.43 -1.19	21.50 0.38 -2.09	23.83 0.67 -2.18	23.53 0.69 -1.83	23.84 0.72 -1.38	25.34 0.12 -1.48	24.22 0.09 -0.85	21.22 -0.02 -0.33	20.74 0.04 -0.18
HAMPSHIRE____PAPER_HYD 323593	22.42 -0.65 -0.02	20.30 -0.54 -0.04	17.35 -0.59 -0.07	16.85 -0.56 -0.07	17.32 -0.50 -0.05	20.05 -0.60 -0.03	20.38 -0.50 -0.07	20.44 -0.50 -0.13	20.36 -0.62 -0.13	20.40 -0.67 -0.18	21.76 -0.72 -0.10	20.37 -0.67 -0.19	20.38 -0.69 -0.20	19.91 -0.78 -0.26	19.99 -0.80 -0.25	18.96 -0.88 -0.26	18.75 -0.74 -0.47	20.60 -0.86 -0.49	20.61 -0.80 -0.41	21.27 -0.78 -0.31	23.36 -0.81 -0.42	22.72 -0.82 -0.26	20.24 -0.75 -0.08	19.82 -0.74 -0.04
HARDSCRABBLE_WT_PWR 323673	23.41 0.37 0.00	21.10 0.29 0.00	18.09 0.22 0.00	17.55 0.21 0.00	17.98 0.21 0.00	20.87 0.25 0.00	21.04 0.23 0.00	21.06 0.25 0.00	21.06 0.21 0.00	21.06 0.17 0.00	22.60 0.22 0.00	21.00 0.15 0.00	21.00 0.13 0.00	20.40 -0.02 0.00	20.46 -0.08 0.00	19.48 -0.10 0.00	18.89 -0.13 0.00	20.89 -0.08 0.00	20.94 -0.06 0.00	21.68 -0.07 0.00	23.72 -0.02 0.00	23.33 0.05 0.00	20.96 0.04 0.00	20.51 0.00 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	25.02 1.29 -0.68	23.17 1.17 -1.20	21.10 0.97 -2.26	20.44 0.90 -2.20	20.24 0.92 -1.54	22.54 1.09 -0.83	24.62 1.14 -2.67	26.88 1.39 -4.67	27.06 1.46 -4.75	28.69 1.50 -6.30	27.58 1.66 -3.55	29.09 1.54 -6.70	29.74 1.61 -7.26	31.65 1.55 -9.68	31.24 1.56 -9.14	30.95 1.53 -9.85	38.13 1.60 -17.50	40.98 1.72 -18.28	37.66 1.70 -14.96	34.48 1.70 -11.05	30.72 1.83 -5.15	26.85 1.77 -1.80	25.17 1.59 -2.66	23.24 1.25 -1.48
HARSNRAD_115KV_TB1 81005	22.60 -0.55 -0.11	20.34 -0.67 -0.20	17.64 -0.61 -0.37	17.08 -0.62 -0.36	17.31 -0.71 -0.25	19.96 -0.80 -0.14	20.48 -0.77 -0.44	20.43 -1.14 -0.77	20.63 -1.02 -0.80	21.06 -0.90 -1.07	22.06 -0.92 -0.60	20.92 -1.06 -1.13	21.02 -1.04 -1.20	21.06 -0.94 -1.58	21.09 -0.94 -1.50	20.16 -1.02 -1.61	20.79 -1.07 -2.83	23.30 -0.63 -2.95	22.93 -0.55 -2.48	23.11 -0.50 -1.87	23.85 -0.76 -0.87	23.19 -0.40 -0.30	20.65 -0.71 -0.45	20.29 -0.47 -0.25

HARZA MOOSE___RIVER 24016	23.37 0.30 -0.03	21.06 0.21 -0.05	18.02 0.05 -0.09	17.48 0.05 -0.09	17.92 0.09 -0.06	20.78 0.12 -0.03	21.17 0.25 -0.11	21.27 0.27 -0.19	21.23 0.19 -0.19	21.29 0.15 -0.25	22.76 0.25 -0.14	21.30 0.19 -0.27	21.34 0.19 -0.28	20.85 0.06 -0.37	20.91 0.02 -0.35	19.89 -0.06 -0.38	19.61 -0.08 -0.66	21.78 0.10 -0.69	21.75 0.17 -0.58	22.38 0.20 -0.44	24.49 0.28 -0.46	23.77 0.23 -0.26	21.13 0.10 -0.11	20.66 0.08 -0.06
HDSNBRDG_115KV_BRDG_TB1 355580	23.07 -0.05 -0.07	20.80 -0.12 -0.12	17.96 -0.14 -0.23	17.40 -0.16 -0.22	17.77 -0.16 -0.15	20.52 -0.19 -0.08	20.99 -0.08 -0.27	21.11 -0.17 -0.47	21.19 -0.17 -0.51	21.47 -0.10 -0.68	22.69 -0.07 -0.38	21.45 -0.13 -0.72	21.51 -0.13 -0.76	21.32 -0.10 -1.01	21.39 -0.10 -0.95	20.48 -0.12 -1.02	20.69 -0.13 -1.80	22.86 0.00 -1.88	22.58 0.00 -1.58	22.93 0.00 -1.19	24.61 -0.12 -0.98	23.68 -0.12 -0.52	21.01 -0.19 -0.29	20.57 -0.10 -0.16
HELLGATE_13_KV_LD 55870	25.38 1.59 -0.74	23.55 1.44 -1.30	21.52 1.20 -2.45	20.84 1.11 -2.39	20.58 1.14 -1.67	22.82 1.30 -0.89	25.03 1.33 -2.89	27.68 1.81 -5.07	27.94 1.94 -5.15	29.72 2.01 -6.82	28.32 2.10 -3.85	30.09 1.98 -7.26	30.85 2.09 -7.89	32.99 2.04 -10.53	32.50 2.01 -9.95	32.27 1.98 -10.72	40.06 1.98 -19.05	42.88 2.01 -19.89	39.22 1.97 -16.24	35.69 1.98 -11.97	31.56 2.23 -5.58	27.40 2.16 -1.95	25.90 2.09 -2.89	23.71 1.60 -1.60
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	25.38 1.59 -0.74	23.55 1.44 -1.30	21.52 1.20 -2.45	20.84 1.11 -2.39	20.58 1.14 -1.67	22.82 1.30 -0.89	25.03 1.33 -2.89	27.68 1.81 -5.07	27.94 1.94 -5.15	29.72 2.01 -6.82	28.32 2.10 -3.85	30.09 1.98 -7.26	30.85 2.09 -7.89	32.99 2.04 -10.53	32.50 2.01 -9.95	32.27 1.98 -10.72	40.06 1.98 -19.05	42.88 2.01 -19.89	39.22 1.97 -16.24	35.69 1.98 -11.97	31.56 2.23 -5.58	27.40 2.16 -1.95	25.90 2.09 -2.89	23.71 1.60 -1.60
HEMPSTEAD____ 23647	27.46 1.89 -2.53	25.53 1.67 -3.05	22.47 1.41 -3.19	21.66 1.34 -2.99	21.47 1.35 -2.35	25.82 1.63 -3.56	27.60 1.67 -5.13	29.70 1.96 -6.94	31.89 2.13 -8.91	32.28 2.15 -9.23	31.66 2.19 -7.10	31.70 2.06 -8.78	33.75 2.15 -10.73	33.68 2.12 -11.13	37.19 2.12 -14.53	37.35 2.10 -15.68	40.47 2.07 -19.37	43.22 2.22 -20.02	39.45 2.14 -16.30	36.07 2.22 -12.11	39.85 2.40 -13.71	32.90 2.38 -7.25	32.49 2.20 -9.38	28.26 1.85 -5.90
HEWLETT__69_KV_BK3 55828	27.64 2.07 -2.53	25.75 1.89 -3.05	22.65 1.59 -3.19	21.82 1.49 -2.99	21.66 1.55 -2.35	25.98 1.79 -3.56	27.78 1.85 -5.12	29.88 2.14 -6.92	32.01 2.25 -8.91	32.36 2.28 -9.19	31.83 2.39 -7.06	31.81 2.23 -8.73	33.96 2.36 -10.73	33.85 2.35 -11.08	37.41 2.34 -14.53	37.53 2.27 -15.68	40.66 2.26 -19.37	43.45 2.45 -20.02	39.72 2.46 -16.26	36.25 2.46 -12.05	40.02 2.64 -13.65	33.04 2.56 -7.20	32.66 2.38 -9.36	28.44 2.03 -5.89
HICKLING___1 23621	23.46 0.23 -0.18	21.21 0.08 -0.32	18.46 -0.02 -0.60	17.88 -0.05 -0.59	18.09 -0.09 -0.41	20.78 -0.06 -0.22	21.58 0.06 -0.71	22.02 -0.04 -1.25	22.18 0.02 -1.31	22.74 0.10 -1.74	23.47 0.11 -0.98	22.64 -0.06 -1.85	22.78 -0.04 -1.95	23.06 0.06 -2.58	23.07 0.08 -2.44	22.18 -0.02 -2.62	23.60 -0.04 -4.61	26.07 0.27 -4.82	25.40 0.36 -4.05	25.23 0.43 -3.05	25.77 0.36 -1.67	24.38 0.42 -0.68	21.77 0.13 -0.73	21.04 0.12 -0.41
HICKLING___2 23622	23.46 0.23 -0.18	21.21 0.08 -0.32	18.46 -0.02 -0.60	17.88 -0.05 -0.59	18.09 -0.09 -0.41	20.78 -0.06 -0.22	21.58 0.06 -0.71	22.02 -0.04 -1.25	22.18 0.02 -1.31	22.74 0.10 -1.74	23.47 0.11 -0.98	22.64 -0.06 -1.85	22.78 -0.04 -1.95	23.06 0.06 -2.58	23.07 0.08 -2.44	22.18 -0.02 -2.62	23.60 -0.04 -4.61	26.07 0.27 -4.82	25.40 0.36 -4.05	25.23 0.43 -3.05	25.77 0.36 -1.67	24.38 0.42 -0.68	21.77 0.13 -0.73	21.04 0.12 -0.41
HIGH FALLS___HY 23754	25.18 1.41 -0.73	23.36 1.27 -1.28	21.33 1.04 -2.42	20.67 0.97 -2.36	20.42 1.00 -1.65	22.68 1.18 -0.88	24.89 1.23 -2.85	27.24 1.44 -5.00	27.40 1.46 -5.09	29.14 1.50 -6.75	27.83 1.66 -3.80	29.59 1.56 -7.18	30.18 1.65 -7.66	32.14 1.55 -10.17	31.72 1.56 -9.62	31.49 1.57 -10.35	38.96 1.66 -18.28	41.90 1.82 -19.09	38.63 1.78 -15.85	35.38 1.80 -11.83	31.20 1.95 -5.52	27.07 1.86 -1.93	25.44 1.67 -2.85	23.45 1.35 -1.58
HILLBURN___GT 23639	25.00 1.27 -0.69	23.13 1.10 -1.22	21.12 0.95 -2.30	20.47 0.88 -2.24	20.23 0.89 -1.57	22.54 1.07 -0.84	24.63 1.10 -2.72	26.97 1.39 -4.77	27.23 1.54 -4.84	28.89 1.59 -6.41	27.73 1.75 -3.61	29.32 1.65 -6.82	29.98 1.71 -7.39	31.91 1.63 -9.86	31.50 1.64 -9.31	31.21 1.61 -10.03	38.47 1.62 -17.83	41.34 1.74 -18.62	37.94 1.70 -15.24	34.68 1.70 -11.24	30.84 1.83 -5.27	26.89 1.77 -1.84	25.25 1.61 -2.72	23.27 1.25 -1.51
HILLSIDE_115KV_TB1 80332	23.05 -0.18 -0.19	20.85 -0.29 -0.33	18.18 -0.32 -0.62	17.62 -0.33 -0.61	17.82 -0.37 -0.43	20.46 -0.39 -0.23	21.28 -0.27 -0.74	21.75 -0.35 -1.29	21.91 -0.29 -1.36	22.46 -0.23 -1.80	23.19 -0.20 -1.01	22.43 -0.33 -1.91	22.58 -0.31 -2.02	22.86 -0.22 -2.67	22.84 -0.23 -2.53	21.99 -0.29 -2.71	23.49 -0.30 -4.77	25.92 -0.04 -4.98	25.20 0.02 -4.18	24.96 0.07 -3.15	25.42 -0.05 -1.73	24.03 0.05 -0.71	21.48 -0.19 -0.76	20.73 -0.21 -0.42
HISHELDN_WT_PWR 323625	23.06 -0.11 -0.13	20.54 -0.50 -0.23	17.99 -0.32 -0.44	17.38 -0.38 -0.43	17.64 -0.43 -0.30	20.35 -0.43 -0.16	20.90 -0.44 -0.53	20.87 -0.87 -0.93	21.05 -0.75 -0.95	21.50 -0.65 -1.26	22.39 -0.69 -0.71	21.35 -0.83 -1.34	21.47 -0.81 -1.41	21.57 -0.72 -1.86	21.59 -0.72 -1.76	20.86 -0.61 -1.90	21.54 -0.82 -3.33	24.04 -0.42 -3.48	23.61 -0.31 -2.92	23.71 -0.24 -2.20	24.26 -0.43 -0.94	23.45 -0.16 -0.33	20.90 -0.50 -0.49	20.37 -0.41 -0.27
HOLTSVILLE_IC_1 23690	27.99 2.42 -2.53	25.98 2.12 -3.05	22.90 1.84 -3.19	22.08 1.75 -2.99	21.89 1.78 -2.35	26.29 2.10 -3.56	28.10 2.16 -5.13	30.24 2.50 -6.94	32.48 2.71 -8.92	36.83 2.74 -13.20	35.65 2.66 -10.61	37.40 2.44 -14.11	45.74 2.48 -22.39	49.62 2.41 -26.79	82.40 2.40 -59.46	83.83 2.33 -61.93	123.29 2.30 -101.96	123.41 2.47 -99.96	110.32 2.43 -86.88	71.03 2.54 -46.75	44.26 2.82 -17.70	37.48 2.93 -11.27	33.04 2.74 -9.39	28.71 2.30 -5.90
HOLTSVILLE_IC_10 23699	28.20 2.63 -2.53	26.17 2.31 -3.05	23.05 1.98 -3.19	22.23 1.91 -2.99	22.05 1.94 -2.35	26.46 2.27 -3.56	28.29 2.35 -5.13	30.43 2.69 -6.94	32.69 2.92 -8.92	37.36 2.95 -13.52	36.15 2.89 -10.89	38.04 2.65 -14.54	46.71 2.69 -23.14	51.08 2.65 -28.01	86.08 2.63 -62.91	87.60 2.54 -65.48	129.85 2.51 -108.31	129.81 2.73 -106.11	115.99 2.67 -92.32	73.98 2.81 -49.43	44.86 3.11 -18.01	38.06 3.19 -11.59	33.25 2.95 -9.39	28.89 2.48 -5.90
HOLTSVILLE_IC_2 23691	27.99 2.42 -2.53	25.98 2.12 -3.05	22.90 1.84 -3.19	22.08 1.75 -2.99	21.89 1.78 -2.35	26.29 2.10 -3.56	28.10 2.16 -5.13	30.24 2.50 -6.94	32.48 2.71 -8.92	36.83 2.74 -13.20	35.65 2.66 -10.61	37.40 2.44 -14.11	45.74 2.48 -22.39	49.62 2.41 -26.79	82.40 2.40 -59.46	83.83 2.33 -61.93	123.29 2.30 -101.96	123.41 2.47 -99.96	110.32 2.43 -86.88	71.03 2.54 -46.75	44.26 2.82 -17.70	37.48 2.93 -11.27	33.04 2.74 -9.39	28.71 2.30 -5.90

HOLTSVILLE_IC_3 23692	27.99 2.42 -2.53	25.98 2.12 -3.05	22.90 1.84 -3.19	22.08 1.75 -2.99	21.89 1.78 -2.35	26.29 2.10 -3.56	28.10 2.16 -5.13	30.24 2.50 -6.94	32.48 2.71 -8.92	36.83 2.74 -13.20	35.65 2.66 -10.61	37.40 2.44 -14.11	45.74 2.48 -22.39	49.62 2.41 -26.79	82.40 2.40 -59.46	83.83 2.33 -61.93	123.29 2.30 -101.96	123.41 2.47 -99.96	110.32 2.43 -86.88	71.03 2.54 -46.75	44.26 2.82 -17.70	37.48 2.93 -11.27	33.04 2.74 -9.39	28.71 2.30 -5.90
HOLTSVILLE_IC_4 23693	27.99 2.42 -2.53	25.98 2.12 -3.05	22.90 1.84 -3.19	22.08 1.75 -2.99	21.89 1.78 -2.35	26.29 2.10 -3.56	28.10 2.16 -5.13	30.24 2.50 -6.94	32.48 2.71 -8.92	36.83 2.74 -13.20	35.65 2.66 -10.61	37.40 2.44 -14.11	45.74 2.48 -22.39	49.62 2.41 -26.79	82.40 2.40 -59.46	83.83 2.33 -61.93	123.29 2.30 -101.96	123.41 2.47 -99.96	110.32 2.43 -86.88	71.03 2.54 -46.75	44.26 2.82 -17.70	37.48 2.93 -11.27	33.04 2.74 -9.39	28.71 2.30 -5.90
HOLTSVILLE_IC_5 23694	27.99 2.42 -2.53	25.98 2.12 -3.05	22.90 1.84 -3.19	22.08 1.75 -2.99	21.89 1.78 -2.35	26.29 2.10 -3.56	28.10 2.16 -5.13	30.24 2.50 -6.94	32.48 2.71 -8.92	36.83 2.74 -13.20	35.65 2.66 -10.61	37.40 2.44 -14.11	45.74 2.48 -22.39	49.62 2.41 -26.79	82.40 2.40 -59.46	83.83 2.33 -61.93	123.29 2.30 -101.96	123.41 2.47 -99.96	110.32 2.43 -86.88	71.03 2.54 -46.75	44.26 2.82 -17.70	37.48 2.93 -11.27	33.04 2.74 -9.39	28.71 2.30 -5.90
HOLTSVILLE_IC_6 23695	28.20 2.63 -2.53	26.17 2.31 -3.05	23.05 1.98 -3.19	22.23 1.91 -2.99	22.05 1.94 -2.35	26.46 2.27 -3.56	28.29 2.35 -5.13	30.43 2.69 -6.94	32.69 2.92 -8.92	37.36 2.95 -13.52	36.15 2.89 -10.89	38.04 2.65 -14.54	46.71 2.69 -23.14	51.08 2.65 -28.01	86.08 2.63 -62.91	87.60 2.54 -65.48	129.85 2.51 -108.31	129.81 2.73 -106.11	115.99 2.67 -92.32	73.98 2.81 -49.43	44.86 3.11 -18.01	38.06 3.19 -11.59	33.25 2.95 -9.39	28.89 2.48 -5.90
HOLTSVILLE_IC_7 23696	28.20 2.63 -2.53	26.17 2.31 -3.05	23.05 1.98 -3.19	22.23 1.91 -2.99	22.05 1.94 -2.35	26.46 2.27 -3.56	28.29 2.35 -5.13	30.43 2.69 -6.94	32.69 2.92 -8.92	37.36 2.95 -13.52	36.15 2.89 -10.89	38.04 2.65 -14.54	46.71 2.69 -23.14	51.08 2.65 -28.01	86.08 2.63 -62.91	87.60 2.54 -65.48	129.85 2.51 -108.31	129.81 2.73 -106.11	115.99 2.67 -92.32	73.98 2.81 -49.43	44.86 3.11 -18.01	38.06 3.19 -11.59	33.25 2.95 -9.39	28.89 2.48 -5.90
HOLTSVILLE_IC_8 23697	28.20 2.63 -2.53	26.17 2.31 -3.05	23.05 1.98 -3.19	22.23 1.91 -2.99	22.05 1.94 -2.35	26.46 2.27 -3.56	28.29 2.35 -5.13	30.43 2.69 -6.94	32.69 2.92 -8.92	37.36 2.95 -13.52	36.15 2.89 -10.89	38.04 2.65 -14.54	46.71 2.69 -23.14	51.08 2.65 -28.01	86.08 2.63 -62.91	87.60 2.54 -65.48	129.85 2.51 -108.31	129.81 2.73 -106.11	115.99 2.67 -92.32	73.98 2.81 -49.43	44.86 3.11 -18.01	38.06 3.19 -11.59	33.25 2.95 -9.39	28.89 2.48 -5.90
HOLTSVILLE_IC_9 23698	28.20 2.63 -2.53	26.17 2.31 -3.05	23.05 1.98 -3.19	22.23 1.91 -2.99	22.05 1.94 -2.35	26.46 2.27 -3.56	28.29 2.35 -5.13	30.43 2.69 -6.94	32.69 2.92 -8.92	37.36 2.95 -13.52	36.15 2.89 -10.89	38.04 2.65 -14.54	46.71 2.69 -23.14	51.08 2.65 -28.01	86.08 2.63 -62.91	87.60 2.54 -65.48	129.85 2.51 -108.31	129.81 2.73 -106.11	115.99 2.67 -92.32	73.98 2.81 -49.43	44.86 3.11 -18.01	38.06 3.19 -11.59	33.25 2.95 -9.39	28.89 2.48 -5.90
HOMER_HL_115KV_TB2 355744	22.22 -0.97 -0.14	20.03 -1.02 -0.24	17.39 -0.95 -0.46	16.85 -0.94 -0.45	17.07 -1.01 -0.31	19.66 -1.13 -0.17	20.37 -0.98 -0.54	20.62 -1.14 -0.95	20.81 -1.04 -1.00	21.26 -0.96 -1.32	22.09 -1.03 -0.75	21.09 -1.17 -1.41	21.25 -1.11 -1.49	21.45 -0.94 -1.96	21.44 -0.97 -1.86	20.55 -1.02 -2.00	21.55 -0.99 -3.51	23.91 -0.73 -3.67	23.45 -0.63 -3.08	23.52 -0.54 -2.32	24.04 -0.78 -1.08	23.15 -0.51 -0.38	20.64 -0.84 -0.56	20.04 -0.78 -0.31
HOWARD_WT_PWR 323690	23.66 0.46 -0.15	21.12 0.04 -0.27	18.47 0.09 -0.51	17.87 0.03 -0.49	18.12 0.00 -0.35	20.89 0.08 -0.19	21.55 0.13 -0.62	21.70 -0.19 -1.08	21.78 -0.17 -1.10	22.25 -0.10 -1.46	23.08 -0.11 -0.82	22.09 -0.31 -1.55	22.22 -0.29 -1.64	22.32 -0.27 -2.16	22.32 -0.27 -2.05	21.52 -0.26 -2.20	22.50 -0.40 -3.87	25.04 0.02 -4.04	24.56 0.17 -3.39	24.58 0.28 -2.56	25.23 0.21 -1.27	24.12 0.33 -0.52	21.44 -0.04 -0.56	20.76 -0.06 -0.31
HQ_GEN_CEDARS 23644	22.49 -0.55 0.00	20.41 -0.40 0.00	17.53 -0.34 0.00	17.04 -0.29 0.00	17.58 -0.20 0.00	20.25 -0.37 0.00	20.41 -0.40 0.00	20.43 -0.37 0.00	20.41 -0.44 0.00	20.43 -0.46 0.00	21.88 -0.49 0.00	20.45 -0.40 0.00	20.39 -0.48 0.00	19.91 -0.51 0.00	20.03 -0.51 0.00	19.22 -0.35 0.00	18.68 -0.34 0.00	20.31 -0.67 0.00	20.33 -0.67 0.00	21.05 -0.70 0.00	23.01 -0.74 0.00	22.53 -0.74 0.00	20.35 -0.56 0.00	20.00 -0.51 0.00
HQ_GEN_CEDARS_PROXY 323590	22.52 -0.53 0.00	20.50 -0.31 0.00	17.53 -0.34 0.00	17.04 -0.29 0.00	17.58 -0.20 0.00	20.27 -0.35 0.00	20.45 -0.35 0.00	20.45 -0.35 0.00	20.43 -0.42 0.00	20.43 -0.46 0.00	21.88 -0.49 0.00	20.45 -0.40 0.00	20.39 -0.48 0.00	19.91 -0.51 0.00	20.03 -0.51 0.00	19.03 -0.55 0.00	18.68 -0.34 0.00	20.30 -0.67 0.00	20.33 -0.67 0.00	21.05 -0.70 0.00	23.01 -0.74 0.00	22.53 -0.75 0.00	20.35 -0.56 0.00	20.00 -0.51 0.00
HQ_GEN_IMPORT 323601	22.70 -0.35 0.00	20.60 -0.21 0.00	17.68 -0.20 0.00	17.17 -0.17 0.00	17.61 -0.16 0.00	20.42 -0.21 0.00	20.60 -0.21 0.00	20.60 -0.21 0.00	20.60 -0.25 0.00	20.60 -0.29 0.00	22.04 -0.33 0.00	20.60 -0.25 0.00	20.60 -0.27 0.00	20.16 -0.27 0.00	20.27 -0.27 0.00	19.30 -0.27 0.00	18.80 -0.23 0.00	20.60 -0.38 0.00	20.60 -0.40 0.00	21.33 -0.41 0.00	23.31 -0.43 0.00	22.84 -0.44 0.00	20.60 -0.31 0.00	20.24 -0.27 0.00
HQ_GEN_WHEEL 23651	22.70 -0.35 0.00	20.60 -0.21 0.00	17.68 -0.20 0.00	17.17 -0.17 0.00	17.61 -0.16 0.00	20.42 -0.21 0.00	20.60 -0.21 0.00	20.60 -0.21 0.00	20.60 -0.25 0.00	20.60 -0.29 0.00	22.04 -0.33 0.00	20.60 -0.25 0.00	20.60 -0.27 0.00	20.16 -0.27 0.00	20.27 -0.27 0.00	19.30 -0.27 0.00	18.80 -0.23 0.00	20.60 -0.38 0.00	20.60 -0.40 0.00	21.33 -0.41 0.00	23.31 -0.43 0.00	22.84 -0.44 0.00	20.60 -0.31 0.00	20.24 -0.27 0.00
HUDSON_AVE_GT_3 23810	25.30 1.52 -0.74	23.48 1.37 -1.30	21.47 1.14 -2.45	20.79 1.06 -2.39	20.54 1.10 -1.67	22.82 1.30 -0.89	25.07 1.37 -2.89	27.66 1.79 -5.07	27.96 1.96 -5.15	29.72 2.01 -6.82	28.32 2.10 -3.85	30.09 1.98 -7.26	30.82 2.07 -7.89	32.94 2.00 -10.52	32.47 1.99 -9.94	32.24 1.96 -10.71	40.01 1.94 -19.05	42.94 2.08 -19.89	39.26 2.02 -16.24	35.73 2.02 -11.97	31.53 2.21 -5.58	27.40 2.16 -1.95	25.85 2.05 -2.89	23.67 1.56 -1.60
HUDSON_AVE_GT_4 23540	25.30 1.52 -0.74	23.48 1.37 -1.30	21.47 1.14 -2.45	20.79 1.06 -2.39	20.54 1.10 -1.67	22.82 1.30 -0.89	25.07 1.37 -2.89	27.66 1.79 -5.07	27.96 1.96 -5.15	29.72 2.01 -6.82	28.32 2.10 -3.85	30.09 1.98 -7.26	30.82 2.07 -7.89	32.94 2.00 -10.52	32.47 1.99 -9.94	32.24 1.96 -10.71	40.01 1.94 -19.05	42.94 2.08 -19.89	39.26 2.02 -16.24	35.73 2.02 -11.97	31.53 2.21 -5.58	27.40 2.16 -1.95	25.85 2.05 -2.89	23.67 1.56 -1.60

HUDSON_AVE_GT_5 23657	25.30 1.52 -0.74	23.48 1.37 -1.30	21.47 1.14 -2.45	20.79 1.06 -2.39	20.54 1.10 -1.67	22.82 1.30 -0.89	25.07 1.37 -2.89	27.66 1.79 -5.07	27.96 1.96 -5.15	29.72 2.01 -6.82	28.32 2.10 -3.85	30.09 1.98 -7.26	30.82 2.07 -7.89	32.94 2.00 -10.52	32.47 1.99 -9.94	32.24 1.96 -10.71	40.01 1.94 -19.05	42.94 2.08 -19.89	39.26 2.02 -16.24	35.73 2.02 -11.97	31.53 2.21 -5.58	27.40 2.16 -1.95	25.85 2.05 -2.89	23.67 1.56 -1.60
HUDSON_AVE_10 24168	25.26 1.47 -0.74	23.44 1.33 -1.30	21.43 1.11 -2.45	20.75 1.02 -2.39	20.49 1.05 -1.67	22.78 1.26 -0.89	25.03 1.33 -2.89	27.64 1.77 -5.07	27.96 1.96 -5.15	29.72 2.01 -6.82	28.28 2.06 -3.85	30.05 1.94 -7.26	30.76 2.00 -7.89	32.90 1.96 -10.52	32.43 1.95 -9.94	32.18 1.90 -10.71	39.97 1.90 -19.05	42.88 2.01 -19.89	39.22 1.97 -16.24	35.69 1.98 -11.97	31.46 2.14 -5.58	27.33 2.10 -1.95	25.83 2.03 -2.89	23.63 1.52 -1.60
HUDSON___115KV_TB 4 355613	24.99 1.04 -0.91	23.28 0.87 -1.60	21.63 0.75 -3.01	21.00 0.73 -2.94	20.59 0.76 -2.05	22.61 0.89 -1.10	25.30 0.94 -3.56	27.97 0.94 -6.23	28.09 0.90 -6.34	30.20 0.90 -8.41	28.07 0.96 -4.74	30.63 0.83 -8.94	30.93 0.81 -9.25	33.39 0.82 -12.15	32.94 0.86 -11.54	32.72 0.78 -12.37	41.39 0.80 -21.57	44.49 0.99 -22.52	41.35 1.07 -19.28	37.64 1.15 -14.74	31.88 1.26 -6.88	26.89 1.21 -2.40	25.43 0.96 -3.55	23.26 0.78 -1.97
HUNTER MOUNT___DRP 323613	25.01 1.08 -0.88	23.29 0.94 -1.55	21.58 0.79 -2.92	20.96 0.78 -2.84	20.56 0.80 -1.99	22.64 0.95 -1.07	25.25 1.00 -3.44	27.80 0.96 -6.03	27.85 0.85 -6.14	29.87 0.84 -8.14	27.83 0.87 -4.59	30.24 0.73 -8.66	30.59 0.71 -9.01	33.02 0.74 -11.86	32.57 0.78 -11.25	32.33 0.69 -12.07	40.87 0.74 -21.10	43.98 0.96 -22.04	40.80 1.05 -18.75	37.17 1.15 -14.28	31.66 1.26 -6.66	26.84 1.23 -2.33	25.27 0.92 -3.44	23.20 0.78 -1.91
HUNTINGTON_RES_REC 323705	28.02 2.44 -2.53	26.01 2.14 -3.06	22.91 1.84 -3.19	22.08 1.75 -2.99	21.90 1.78 -2.35	26.29 2.10 -3.56	28.10 2.16 -5.13	30.22 2.47 -6.94	32.42 2.67 -8.90	30.09 2.71 -6.48	41.34 2.68 -16.29	46.04 2.48 -22.71	54.30 2.57 -30.87	74.81 2.53 -51.85	154.19 2.55 -131.10	157.70 2.47 -135.67	255.14 2.46 -233.66	251.03 2.62 -227.43	223.06 2.56 -199.50	126.53 2.70 -102.09	50.78 2.92 -24.12	44.02 2.98 -17.76	32.93 2.66 -9.36	28.71 2.30 -5.90
HUNTLEY___63 23557	22.82 -0.35 -0.12	20.51 -0.50 -0.20	17.79 -0.46 -0.38	17.23 -0.49 -0.37	17.46 -0.57 -0.26	20.13 -0.64 -0.14	20.66 -0.60 -0.45	20.63 -0.98 -0.80	20.85 -0.83 -0.83	21.29 -0.71 -1.10	22.30 -0.69 -0.62	21.17 -0.85 -1.18	21.28 -0.83 -1.24	21.33 -0.74 -1.64	21.35 -0.74 -1.55	20.40 -0.84 -1.67	21.08 -0.88 -2.93	23.60 -0.44 -3.06	23.21 -0.36 -2.57	23.37 -0.30 -1.94	24.10 -0.55 -0.90	23.41 -0.19 -0.32	20.84 -0.54 -0.47	20.44 -0.33 -0.26
HUNTLEY___64 23558	22.82 -0.35 -0.12	20.51 -0.50 -0.20	17.79 -0.46 -0.38	17.23 -0.49 -0.37	17.46 -0.57 -0.26	20.13 -0.64 -0.14	20.66 -0.60 -0.45	20.63 -0.98 -0.80	20.85 -0.83 -0.83	21.29 -0.71 -1.10	22.30 -0.69 -0.62	21.17 -0.85 -1.18	21.28 -0.83 -1.24	21.33 -0.74 -1.64	21.35 -0.74 -1.55	20.40 -0.84 -1.67	21.08 -0.88 -2.93	23.60 -0.44 -3.06	23.21 -0.36 -2.57	23.37 -0.30 -1.94	24.10 -0.55 -0.90	23.41 -0.19 -0.32	20.84 -0.54 -0.47	20.44 -0.33 -0.26
HUNTLEY___65 23559	22.82 -0.35 -0.12	20.51 -0.50 -0.20	17.79 -0.46 -0.38	17.23 -0.49 -0.37	17.46 -0.57 -0.26	20.13 -0.64 -0.14	20.66 -0.60 -0.45	20.63 -0.98 -0.80	20.85 -0.83 -0.83	21.29 -0.71 -1.10	22.30 -0.69 -0.62	21.17 -0.85 -1.18	21.28 -0.83 -1.24	21.33 -0.74 -1.64	21.35 -0.74 -1.55	20.40 -0.84 -1.67	21.08 -0.88 -2.93	23.60 -0.44 -3.06	23.21 -0.36 -2.57	23.37 -0.30 -1.94	24.10 -0.55 -0.90	23.41 -0.19 -0.32	20.84 -0.54 -0.47	20.44 -0.33 -0.26
HUNTLEY___66 23560	22.82 -0.35 -0.12	20.51 -0.50 -0.20	17.79 -0.46 -0.38	17.23 -0.49 -0.37	17.46 -0.57 -0.26	20.13 -0.64 -0.14	20.66 -0.60 -0.45	20.63 -0.98 -0.80	20.85 -0.83 -0.83	21.29 -0.71 -1.10	22.30 -0.69 -0.62	21.17 -0.85 -1.18	21.28 -0.83 -1.24	21.33 -0.74 -1.64	21.35 -0.74 -1.55	20.40 -0.84 -1.67	21.08 -0.88 -2.93	23.60 -0.44 -3.06	23.21 -0.36 -2.57	23.37 -0.30 -1.94	24.10 -0.55 -0.90	23.41 -0.19 -0.32	20.84 -0.54 -0.47	20.44 -0.33 -0.26
HUNTLEY___67 23561	22.61 -0.55 -0.12	20.35 -0.67 -0.21	17.66 -0.61 -0.39	17.10 -0.62 -0.38	17.33 -0.71 -0.27	19.96 -0.80 -0.14	20.50 -0.77 -0.46	20.49 -1.12 -0.81	20.72 -0.98 -0.85	21.16 -0.86 -1.13	22.11 -0.89 -0.63	21.00 -1.04 -1.20	21.13 -1.00 -1.26	21.21 -0.88 -1.67	21.22 -0.90 -1.58	20.31 -0.96 -1.70	21.01 -1.01 -2.99	23.51 -0.59 -3.12	23.12 -0.50 -2.62	23.26 -0.46 -1.97	23.93 -0.74 -0.92	23.23 -0.37 -0.32	20.70 -0.69 -0.48	20.30 -0.47 -0.26
HUNTLEY___68 23562	22.61 -0.55 -0.12	20.35 -0.67 -0.21	17.66 -0.61 -0.39	17.10 -0.62 -0.38	17.33 -0.71 -0.27	19.96 -0.80 -0.14	20.50 -0.77 -0.46	20.49 -1.12 -0.81	20.72 -0.98 -0.85	21.16 -0.86 -1.13	22.11 -0.89 -0.63	21.00 -1.04 -1.20	21.13 -1.00 -1.26	21.21 -0.88 -1.67	21.22 -0.90 -1.58	20.31 -0.96 -1.70	21.01 -1.01 -2.99	23.51 -0.59 -3.12	23.12 -0.50 -2.62	23.26 -0.46 -1.97	23.93 -0.74 -0.92	23.23 -0.37 -0.32	20.70 -0.69 -0.48	20.30 -0.47 -0.26
HYLAND___LFGE 323620	24.37 1.20 -0.13	21.74 0.71 -0.22	18.97 0.68 -0.42	18.36 0.61 -0.41	18.66 0.60 -0.29	21.56 0.78 -0.15	22.05 0.73 -0.51	21.83 0.13 -0.90	21.62 -0.14 -0.91	21.79 -0.31 -1.21	22.61 -0.45 -0.68	21.74 -0.40 -1.29	21.77 -0.46 -1.36	21.77 -0.45 -1.79	21.77 -0.47 -1.70	21.07 -0.33 -1.83	21.84 -0.40 -3.21	24.56 0.23 -3.35	24.44 0.63 -2.82	24.80 0.93 -2.12	25.62 0.97 -0.91	24.74 1.14 -0.32	22.18 0.79 -0.47	21.47 0.70 -0.26
INDECK___CORINTH 23802	24.83 0.83 -0.96	23.22 0.73 -1.69	21.65 0.59 -3.19	21.02 0.57 -3.11	20.55 0.60 -2.17	22.51 0.72 -1.16	25.37 0.79 -3.77	28.30 0.89 -6.60	28.50 0.94 -6.71	30.64 0.86 -8.89	28.33 0.94 -5.01	31.13 0.81 -9.46	31.31 0.73 -9.70	33.87 0.73 -12.71	33.38 0.76 -12.08	33.19 0.68 -12.94	42.15 0.65 -22.48	45.27 0.82 -23.48	42.15 0.88 -20.27	38.30 0.96 -15.60	32.30 1.04 -7.52	26.95 1.05 -2.63	25.55 0.75 -3.88	23.30 0.64 -2.16
INDECK___ILION 23567	23.32 0.28 0.00	21.04 0.23 0.00	18.03 0.16 0.00	17.49 0.16 0.00	17.93 0.16 0.00	20.81 0.19 0.00	21.00 0.19 0.00	21.02 0.21 0.00	21.04 0.19 0.00	21.06 0.17 0.00	22.60 0.22 0.00	21.04 0.19 0.00	21.06 0.19 0.00	20.52 0.10 0.00	20.60 0.06 0.00	19.63 0.06 0.00	19.06 0.04 0.00	21.06 0.08 0.00	21.10 0.10 0.00	21.85 0.11 0.00	23.88 0.14 0.00	23.44 0.16 0.00	21.04 0.13 0.00	20.61 0.10 0.00
INDECK___OLEAN 23982	22.47 -0.71 -0.14	19.99 -1.06 -0.24	17.55 -0.79 -0.46	16.97 -0.81 -0.45	17.21 -0.87 -0.31	19.87 -0.93 -0.17	20.50 -0.87 -0.56	20.63 -1.16 -0.98	20.81 -1.04 -1.00	21.26 -0.96 -1.32	22.09 -1.03 -0.75	21.09 -1.17 -1.41	21.25 -1.11 -1.49	21.45 -0.94 -1.96	21.44 -0.97 -1.86	20.71 -0.86 -2.00	21.55 -0.99 -3.51	23.91 -0.73 -3.67	23.47 -0.61 -3.08	23.54 -0.52 -2.32	23.98 -0.76 -0.99	23.09 -0.53 -0.35	20.57 -0.86 -0.51	19.90 -0.90 -0.29

INDECK___OSWEGO 23783	22.76 -0.35 -0.06	20.49 -0.42 -0.10	17.72 -0.34 -0.19	17.18 -0.35 -0.19	17.55 -0.36 -0.13	20.28 -0.41 -0.07	20.54 -0.48 -0.21	20.60 -0.58 -0.37	20.62 -0.61 -0.38	20.81 -0.58 -0.50	22.07 -0.58 -0.28	20.80 -0.58 -0.53	20.85 -0.58 -0.56	20.59 -0.57 -0.74	20.67 -0.58 -0.71	19.78 -0.55 -0.76	19.81 -0.55 -1.33	21.86 -0.50 -1.39	21.69 -0.48 -1.17	22.12 -0.50 -0.88	25.60 -0.45 -2.31	24.40 -0.44 -1.56	20.67 -0.46 -0.21	20.28 -0.35 -0.12
INDECK___YERKES 23781	23.05 -0.11 -0.12	20.49 -0.52 -0.20	17.97 -0.29 -0.38	17.37 -0.35 -0.37	17.62 -0.41 -0.26	20.35 -0.41 -0.14	20.82 -0.46 -0.47	20.67 -0.96 -0.82	20.87 -0.81 -0.83	21.33 -0.67 -1.10	22.30 -0.69 -0.62	21.19 -0.83 -1.18	21.30 -0.81 -1.24	21.35 -0.72 -1.64	21.37 -0.72 -1.55	20.63 -0.61 -1.67	21.10 -0.86 -2.93	23.62 -0.42 -3.06	23.23 -0.34 -2.57	23.40 -0.28 -1.94	24.05 -0.52 -0.83	23.38 -0.19 -0.29	20.80 -0.54 -0.43	20.34 -0.41 -0.24
INDIAN POINT_GT_1 24139	25.11 1.34 -0.73	23.30 1.21 -1.28	21.31 1.02 -2.42	20.65 0.95 -2.36	20.40 0.98 -1.65	22.66 1.15 -0.88	24.87 1.21 -2.85	27.33 1.52 -5.00	27.60 1.67 -5.08	29.34 1.71 -6.73	27.98 1.81 -3.80	29.72 1.71 -7.16	30.42 1.77 -7.78	32.56 1.76 -10.38	32.09 1.75 -9.80	31.84 1.70 -10.56	39.52 1.71 -18.78	42.44 1.85 -19.62	38.85 1.83 -16.02	35.36 1.80 -11.81	31.20 1.95 -5.51	27.09 1.89 -1.93	25.50 1.74 -2.85	23.45 1.35 -1.58
INDIAN POINT_GT_2 23659	25.11 1.34 -0.73	23.30 1.21 -1.28	21.31 1.02 -2.42	20.65 0.95 -2.36	20.40 0.98 -1.65	22.66 1.15 -0.88	24.87 1.21 -2.85	27.33 1.52 -5.00	27.60 1.67 -5.08	29.34 1.71 -6.73	27.98 1.81 -3.80	29.72 1.71 -7.16	30.42 1.77 -7.78	32.56 1.76 -10.38	32.09 1.75 -9.80	31.84 1.70 -10.56	39.52 1.71 -18.78	42.44 1.85 -19.62	38.85 1.83 -16.02	35.36 1.80 -11.81	31.20 1.95 -5.51	27.09 1.89 -1.93	25.50 1.74 -2.85	23.45 1.35 -1.58
INDIAN POINT_GT_3 24019	25.11 1.34 -0.73	23.30 1.21 -1.28	21.31 1.02 -2.42	20.65 0.95 -2.36	20.40 0.98 -1.65	22.66 1.15 -0.88	24.87 1.21 -2.85	27.33 1.52 -5.00	27.60 1.67 -5.08	29.34 1.71 -6.73	27.98 1.81 -3.80	29.72 1.71 -7.16	30.42 1.77 -7.78	32.56 1.76 -10.38	32.09 1.75 -9.80	31.84 1.70 -10.56	39.52 1.71 -18.78	42.44 1.85 -19.62	38.85 1.83 -16.02	35.36 1.80 -11.81	31.20 1.95 -5.51	27.09 1.89 -1.93	25.50 1.74 -2.85	23.45 1.35 -1.58
INDIAN POINT___2 23530	25.10 1.34 -0.72	23.23 1.16 -1.26	21.25 1.00 -2.37	20.61 0.95 -2.32	20.35 0.96 -1.62	22.65 1.15 -0.87	24.80 1.19 -2.81	27.21 1.48 -4.92	27.47 1.63 -4.99	29.16 1.65 -6.62	27.85 1.75 -3.73	29.54 1.65 -7.04	30.22 1.71 -7.64	32.31 1.69 -10.19	31.85 1.68 -9.62	31.61 1.66 -10.37	39.12 1.65 -18.44	42.02 1.78 -19.26	38.50 1.76 -15.74	35.11 1.76 -11.61	31.08 1.90 -5.44	27.02 1.84 -1.90	25.42 1.69 -2.81	23.41 1.33 -1.56
INDIAN POINT___3 23531	25.09 1.31 -0.73	23.28 1.19 -1.28	21.29 1.00 -2.42	20.63 0.94 -2.36	20.38 0.96 -1.65	22.64 1.13 -0.88	24.85 1.19 -2.86	27.29 1.48 -5.00	27.56 1.63 -5.08	29.28 1.65 -6.74	27.92 1.75 -3.80	29.67 1.65 -7.17	30.37 1.71 -7.78	32.48 1.67 -10.38	32.03 1.68 -9.81	31.77 1.62 -10.57	39.48 1.66 -18.80	42.39 1.78 -19.63	38.78 1.74 -16.03	35.30 1.74 -11.82	31.13 1.88 -5.51	27.05 1.84 -1.93	25.44 1.67 -2.85	23.43 1.33 -1.58
INGHAM_C_115KV_TB7 356103	23.46 0.41 0.00	21.16 0.35 0.00	18.12 0.25 0.00	17.58 0.24 0.00	18.02 0.25 0.00	20.91 0.29 0.00	21.08 0.27 0.00	21.10 0.29 0.00	21.10 0.25 0.00	21.10 0.21 0.00	22.66 0.29 0.00	21.08 0.23 0.00	21.08 0.21 0.00	20.48 0.06 0.00	20.54 0.00 0.00	19.55 -0.02 0.00	18.99 -0.04 0.00	20.98 0.00 0.00	21.02 0.02 0.00	21.76 0.02 0.00	23.81 0.07 0.00	23.42 0.14 0.00	21.04 0.13 0.00	20.59 0.08 0.00
IP CORINTH___1 23988	24.95 0.94 -0.96	23.35 0.85 -1.69	21.74 0.68 -3.19	21.11 0.66 -3.11	20.64 0.69 -2.17	22.61 0.82 -1.16	25.49 0.92 -3.76	28.42 1.02 -6.59	28.60 1.04 -6.71	30.75 0.96 -8.89	28.46 1.07 -5.01	31.23 0.92 -9.46	31.41 0.83 -9.70	33.99 0.86 -12.71	33.49 0.86 -12.08	33.29 0.78 -12.94	42.27 0.76 -22.48	45.40 0.94 -23.48	42.28 1.01 -20.27	38.43 1.09 -15.60	32.21 1.19 -7.28	27.03 1.21 -2.54	25.53 0.86 -3.76	23.30 0.70 -2.09
IP___TICONDEROGA 23804	26.33 2.33 -0.96	24.53 2.04 -1.69	22.72 1.66 -3.18	22.06 1.61 -3.11	21.61 1.67 -2.17	23.79 2.00 -1.16	26.79 2.23 -3.76	29.72 2.33 -6.58	29.93 2.38 -6.71	32.12 2.34 -8.89	30.07 2.68 -5.01	32.70 2.40 -9.45	32.71 2.15 -9.69	35.13 2.02 -12.69	34.66 2.05 -12.06	34.33 1.84 -12.91	43.27 1.81 -22.43	46.56 2.16 -23.43	43.51 2.27 -20.24	39.76 2.44 -15.59	33.79 2.78 -7.27	28.54 2.72 -2.54	26.68 2.01 -3.76	24.36 1.76 -2.09
ISLIP_RES_REC 323679	28.34 2.76 -2.53	26.30 2.43 -3.05	23.15 2.09 -3.19	22.32 1.99 -2.99	22.14 2.03 -2.35	26.58 2.39 -3.56	28.43 2.50 -5.13	30.57 2.83 -6.94	32.86 3.09 -8.92	37.17 3.13 -13.14	36.02 3.09 -10.56	37.72 2.84 -14.03	46.69 2.88 -22.94	49.76 2.84 -26.50	81.96 2.84 -58.58	83.34 2.74 -61.03	122.08 2.70 -100.35	122.30 2.91 -98.40	109.40 2.88 -85.53	70.84 3.00 -46.10	44.70 3.32 -17.63	37.88 3.40 -11.21	33.40 3.09 -9.39	29.04 2.63 -5.90
JAMAICA___27_KV_LOAD 355505	25.40 1.61 -0.74	23.54 1.44 -1.30	21.50 1.18 -2.45	20.84 1.11 -2.39	20.58 1.14 -1.67	22.90 1.38 -0.89	25.18 1.48 -2.89	27.83 1.96 -5.07	28.17 2.17 -5.15	29.93 2.21 -6.82	28.41 2.19 -3.85	30.17 2.06 -7.26	30.84 2.09 -7.89	33.01 2.06 -10.52	32.53 2.05 -9.94	32.30 2.02 -10.71	40.09 2.02 -19.05	43.03 2.16 -19.89	39.34 2.10 -16.24	35.82 2.11 -11.97	31.63 2.30 -5.58	27.49 2.26 -1.95	26.02 2.22 -2.89	23.78 1.66 -1.60
JANIS___SOLAR 323808	24.45 1.20 -0.20	22.02 0.85 -0.36	19.19 0.64 -0.68	18.60 0.61 -0.66	18.87 0.64 -0.46	21.68 0.80 -0.25	22.65 1.02 -0.83	23.21 0.96 -1.45	23.17 0.86 -1.47	23.63 0.79 -1.94	24.34 0.87 -1.10	23.57 0.65 -2.07	23.70 0.65 -2.18	23.88 0.57 -2.88	23.83 0.55 -2.73	23.08 0.57 -2.94	24.70 0.51 -5.16	27.25 0.88 -5.39	26.58 1.05 -4.53	26.33 1.17 -3.41	26.68 1.19 -1.75	25.14 1.09 -0.77	22.39 0.77 -0.71	21.60 0.70 -0.39
JARVIS____ 23743	23.16 0.12 0.00	20.87 0.06 0.00	17.93 0.05 0.00	17.39 0.05 0.00	17.82 0.05 0.00	20.71 0.08 0.00	20.89 0.08 0.00	20.89 0.08 0.00	20.93 0.08 0.00	20.98 0.08 0.00	22.49 0.11 0.00	20.93 0.08 0.00	20.96 0.08 0.00	20.48 0.06 0.00	20.58 0.04 0.00	19.63 0.06 0.00	19.06 0.04 0.00	21.06 0.08 0.00	21.08 0.08 0.00	21.83 0.09 0.00	23.84 0.10 0.00	23.37 0.09 0.00	20.98 0.06 0.00	20.57 0.06 0.00
JENNISON___1 23625	24.58 1.27 -0.27	22.30 1.02 -0.47	19.46 0.70 -0.89	18.89 0.68 -0.87	19.09 0.71 -0.61	21.82 0.87 -0.33	22.95 1.08 -1.06	23.78 1.12 -1.85	23.90 1.13 -1.92	24.55 1.11 -2.55	25.06 1.25 -1.44	24.60 1.04 -2.71	24.79 1.06 -2.86	25.12 0.92 -3.78	25.00 0.88 -3.58	24.26 0.84 -3.84	26.58 0.80 -6.76	29.11 1.07 -7.06	28.10 1.18 -5.93	27.47 1.26 -4.47	27.45 1.35 -2.36	25.49 1.28 -0.93	22.95 0.96 -1.08	21.95 0.84 -0.60

JENNISON____2 23626	24.58 1.27 -0.27	22.30 1.02 -0.47	19.46 0.70 -0.89	18.89 0.68 -0.87	19.09 0.71 -0.61	21.82 0.87 -0.33	22.95 1.08 -1.06	23.78 1.12 -1.85	23.90 1.13 -1.92	24.55 1.11 -2.55	25.06 1.25 -1.44	24.60 1.04 -2.71	24.79 1.06 -2.86	25.12 0.92 -3.78	25.00 0.88 -3.58	24.26 0.84 -3.84	26.58 0.80 -6.76	29.11 1.07 -7.06	28.10 1.18 -5.93	27.47 1.26 -4.47	27.45 1.35 -2.36	25.49 1.28 -0.93	22.95 0.96 -1.08	21.95 0.84 -0.60
JERICHO_RISE_WT_PWR 323719	22.65 -0.39 0.00	20.64 -0.17 0.00	17.69 -0.18 0.00	17.22 -0.12 0.00	17.65 -0.12 0.00	20.50 -0.12 0.00	20.70 -0.10 0.00	20.66 -0.14 0.00	20.66 -0.19 0.00	20.62 -0.27 0.00	22.01 -0.36 0.00	20.54 -0.31 0.00	20.45 -0.42 0.00	19.99 -0.43 0.00	20.07 -0.47 0.00	19.01 -0.57 0.00	18.55 -0.47 0.00	20.26 -0.71 0.00	20.26 -0.74 0.00	21.00 -0.74 0.00	22.93 -0.81 0.00	22.49 -0.79 0.00	20.35 -0.56 0.00	20.04 -0.47 0.00
KATONAH__115KV_46KV_TB4 355592	25.22 1.43 -0.75	23.44 1.31 -1.32	21.47 1.11 -2.49	20.83 1.06 -2.43	20.50 1.03 -1.70	22.77 1.24 -0.91	25.06 1.31 -2.94	27.68 1.73 -5.15	27.96 1.88 -5.23	29.77 1.94 -6.94	28.34 2.06 -3.91	30.25 2.02 -7.38	30.97 2.09 -8.01	33.17 2.06 -10.68	32.66 2.03 -10.09	32.44 2.00 -10.87	40.32 1.96 -19.33	43.35 2.18 -20.19	39.66 2.16 -16.50	35.93 2.02 -12.16	31.60 2.18 -5.68	27.38 2.12 -1.98	25.73 1.88 -2.93	23.58 1.44 -1.63
KCE_NY_1 323755	25.32 1.31 -0.96	23.64 1.14 -1.69	22.02 0.96 -3.18	21.38 0.94 -3.10	20.90 0.96 -2.17	22.92 1.13 -1.16	25.75 1.19 -3.76	28.64 1.25 -6.58	28.84 1.29 -6.70	31.04 1.27 -8.88	28.77 1.39 -5.00	31.55 1.25 -9.45	31.73 1.19 -9.67	34.27 1.18 -12.66	33.77 1.19 -12.04	33.58 1.12 -12.89	42.47 1.06 -22.38	45.63 1.28 -23.37	42.53 1.32 -20.21	38.72 1.41 -15.57	32.75 1.52 -7.49	27.39 1.49 -2.62	26.00 1.21 -3.87	23.73 1.07 -2.15
KCE_NY_6_ESR 323823	23.03 -0.14 -0.12	20.46 -0.56 -0.22	17.94 -0.34 -0.41	17.34 -0.40 -0.40	17.59 -0.46 -0.28	20.30 -0.47 -0.15	20.85 -0.46 -0.50	20.77 -0.92 -0.87	20.97 -0.77 -0.89	21.42 -0.65 -1.18	22.39 -0.65 -0.66	21.29 -0.81 -1.25	21.42 -0.77 -1.32	21.51 -0.65 -1.74	21.54 -0.66 -1.65	20.80 -0.55 -1.78	21.37 -0.78 -3.12	23.86 -0.38 -3.26	23.46 -0.27 -2.74	23.59 -0.22 -2.06	24.17 -0.45 -0.88	23.45 -0.14 -0.31	20.87 -0.50 -0.46	20.36 -0.41 -0.25
KEDC_PORT_JEFF_GT2 24210	28.11 2.53 -2.53	26.09 2.23 -3.05	22.99 1.93 -3.19	22.16 1.84 -2.99	21.98 1.87 -2.35	26.40 2.21 -3.56	28.21 2.27 -5.13	30.35 2.60 -6.94	32.61 2.84 -8.92	37.79 2.86 -14.04	36.52 2.80 -11.35	38.64 2.56 -15.23	47.12 2.59 -23.66	52.84 2.39 -30.03	91.62 2.36 -68.72	93.34 2.31 -71.46	140.30 2.28 -118.99	139.87 2.45 -116.44	124.84 2.39 -101.45	78.15 2.50 -53.91	45.12 2.85 -18.53	38.44 3.05 -12.11	33.13 2.82 -9.39	28.79 2.38 -5.90
KEDC_PORT_JEFF_GT3 24211	28.11 2.53 -2.53	26.09 2.23 -3.05	22.99 1.93 -3.19	22.16 1.84 -2.99	21.98 1.87 -2.35	26.40 2.21 -3.56	28.21 2.27 -5.13	30.35 2.60 -6.94	32.61 2.84 -8.92	37.79 2.86 -14.04	36.52 2.80 -11.35	38.64 2.56 -15.23	47.12 2.59 -23.66	52.84 2.39 -30.03	91.62 2.36 -68.72	93.34 2.31 -71.46	140.30 2.28 -118.99	139.87 2.45 -116.44	124.84 2.39 -101.45	78.15 2.50 -53.91	45.12 2.85 -18.53	38.44 3.05 -12.11	33.13 2.82 -9.39	28.79 2.38 -5.90
KEDC_GLWD_GT4 24219	27.42 1.84 -2.53	25.49 1.62 -3.05	22.46 1.39 -3.19	21.64 1.32 -2.99	21.45 1.33 -2.35	25.80 1.61 -3.56	27.58 1.64 -5.13	29.70 1.96 -6.94	31.89 2.13 -8.91	32.30 2.17 -9.23	31.75 2.28 -7.10	31.78 2.15 -8.78	33.71 2.11 -10.73	33.64 2.08 -11.13	37.14 2.07 -14.53	37.29 2.04 -15.68	40.41 2.02 -19.37	43.15 2.16 -20.02	39.40 2.10 -16.30	35.99 2.13 -12.11	39.76 2.30 -13.71	32.76 2.24 -7.25	32.47 2.17 -9.38	28.22 1.81 -5.90
KEDC_GLWD_GT5 24220	27.42 1.84 -2.53	25.49 1.62 -3.05	22.46 1.39 -3.19	21.64 1.32 -2.99	21.45 1.33 -2.35	25.80 1.61 -3.56	27.58 1.64 -5.13	29.70 1.96 -6.94	31.89 2.13 -8.91	32.30 2.17 -9.23	31.75 2.28 -7.10	31.78 2.15 -8.78	33.71 2.11 -10.73	33.64 2.08 -11.13	37.14 2.07 -14.53	37.29 2.04 -15.68	40.41 2.02 -19.37	43.15 2.16 -20.02	39.40 2.10 -16.30	35.99 2.13 -12.11	39.76 2.30 -13.71	32.76 2.24 -7.25	32.47 2.17 -9.38	28.22 1.81 -5.90
KENSICO____ 23655	25.19 1.41 -0.74	23.37 1.27 -1.29	21.39 1.07 -2.44	20.73 1.01 -2.38	20.47 1.03 -1.67	22.73 1.22 -0.89	24.96 1.27 -2.88	27.44 1.58 -5.05	27.71 1.73 -5.13	29.47 1.78 -6.80	28.09 1.88 -3.84	29.86 1.77 -7.24	30.57 1.84 -7.86	32.71 1.80 -10.49	32.24 1.79 -9.91	31.99 1.74 -10.68	39.77 1.75 -18.99	42.72 1.91 -19.83	39.07 1.87 -16.20	35.55 1.87 -11.93	31.33 2.02 -5.57	27.18 1.96 -1.95	25.59 1.80 -2.88	23.52 1.42 -1.60
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	25.18 1.45 -0.68	23.32 1.31 -1.20	21.20 1.07 -2.26	20.56 1.02 -2.20	20.34 1.03 -1.54	22.69 1.24 -0.82	24.76 1.29 -2.67	26.93 1.46 -4.67	27.08 1.48 -4.75	28.72 1.53 -6.30	27.60 1.68 -3.55	29.14 1.58 -6.70	29.70 1.65 -7.18	31.53 1.57 -9.53	31.14 1.58 -9.02	30.86 1.59 -9.70	37.84 1.66 -17.16	40.74 1.85 -17.92	37.64 1.81 -14.83	34.62 1.83 -11.05	30.86 1.97 -5.15	26.99 1.91 -1.80	25.27 1.69 -2.66	23.36 1.37 -1.48
KIAC_JFK_GT1 23816	25.28 1.50 -0.74	23.44 1.33 -1.30	21.43 1.11 -2.45	20.75 1.02 -2.39	20.49 1.05 -1.67	22.80 1.28 -0.89	25.07 1.37 -2.89	27.73 1.85 -5.07	28.06 2.06 -5.15	29.83 2.11 -6.82	28.28 2.06 -3.85	30.05 1.94 -7.26	30.66 1.90 -7.89	32.84 1.90 -10.52	32.35 1.87 -9.94	32.12 1.84 -10.71	39.92 1.85 -19.05	42.84 1.97 -19.89	39.13 1.89 -16.24	35.60 1.89 -11.97	31.41 2.09 -5.58	27.35 2.12 -1.95	25.91 2.11 -2.89	23.67 1.56 -1.60
KIAC_JFK_GT2 23817	25.28 1.50 -0.74	23.44 1.33 -1.30	21.43 1.11 -2.45	20.75 1.02 -2.39	20.49 1.05 -1.67	22.80 1.28 -0.89	25.07 1.37 -2.89	27.73 1.85 -5.07	28.06 2.06 -5.15	29.83 2.11 -6.82	28.28 2.06 -3.85	30.05 1.94 -7.26	30.66 1.90 -7.89	32.84 1.90 -10.52	32.35 1.87 -9.94	32.12 1.84 -10.71	39.92 1.85 -19.05	42.84 1.97 -19.89	39.13 1.89 -16.24	35.60 1.89 -11.97	31.41 2.09 -5.58	27.35 2.12 -1.95	25.91 2.11 -2.89	23.67 1.56 -1.60
KIAC_JFK____ 323774	25.30 1.52 -0.74	23.44 1.33 -1.30	21.43 1.11 -2.45	20.77 1.04 -2.39	20.49 1.05 -1.67	22.84 1.32 -0.89	25.08 1.37 -2.90	27.74 1.85 -5.08	28.06 2.06 -5.15	29.83 2.11 -6.82	28.28 2.06 -3.85	30.05 1.94 -7.26	30.66 1.90 -7.89	32.84 1.90 -10.52	32.35 1.87 -9.94	32.14 1.86 -10.71	39.90 1.83 -19.05	42.82 1.95 -19.89	39.15 1.91 -16.24	35.60 1.89 -11.97	31.42 2.06 -5.62	27.36 2.12 -1.96	25.93 2.11 -2.90	23.68 1.56 -1.61
KINTIGH____ 23543	22.73 -0.41 -0.10	20.49 -0.50 -0.18	17.74 -0.46 -0.33	17.18 -0.49 -0.33	17.45 -0.55 -0.23	20.11 -0.64 -0.12	20.60 -0.60 -0.40	20.59 -0.92 -0.69	20.78 -0.79 -0.73	21.16 -0.69 -0.96	22.22 -0.69 -0.54	21.04 -0.83 -1.02	21.14 -0.81 -1.08	21.13 -0.71 -1.43	21.19 -0.70 -1.35	20.26 -0.76 -1.45	20.76 -0.82 -2.55	23.22 -0.42 -2.67	22.88 -0.36 -2.24	23.12 -0.30 -1.69	23.96 -0.57 -0.79	23.27 -0.28 -0.27	20.78 -0.54 -0.41	20.39 -0.35 -0.23

KNTFSRNC_46_KV_46KV_LOAD 80397	22.93 -0.12 0.00	20.81 0.00 0.00	17.89 0.02 0.00	17.43 0.09 0.00	17.84 0.07 0.00	20.73 0.10 0.00	20.91 0.10 0.00	20.89 0.08 0.00	20.91 0.06 0.00	20.89 0.00 0.00	22.31 -0.07 0.00	20.77 -0.08 0.00	20.66 -0.21 0.00	20.18 -0.25 0.00	20.27 -0.27 0.00	19.26 -0.31 0.00	18.74 -0.29 0.00	20.52 -0.46 0.00	20.54 -0.46 0.00	21.26 -0.48 0.00	23.20 -0.55 0.00	22.74 -0.54 0.00	20.58 -0.33 0.00	20.25 -0.27 0.00
LACHUTE___HYDRO 323717	26.33 2.33 -0.96	24.51 2.02 -1.69	22.74 1.68 -3.18	22.07 1.63 -3.11	21.63 1.69 -2.17	23.81 2.02 -1.16	26.80 2.23 -3.76	29.73 2.33 -6.59	29.91 2.36 -6.71	32.12 2.34 -8.89	30.07 2.68 -5.01	32.70 2.40 -9.45	32.71 2.15 -9.69	35.13 2.02 -12.69	34.64 2.03 -12.06	34.35 1.86 -12.91	43.27 1.81 -22.43	46.56 2.16 -23.43	43.51 2.27 -20.24	39.76 2.43 -15.59	34.05 2.80 -7.50	28.58 2.68 -2.62	26.80 2.01 -3.88	24.51 1.85 -2.15
LAWRNCV_115KV_TB1 80681	22.08 -0.97 0.00	20.02 -0.79 0.00	17.18 -0.70 0.00	16.70 -0.64 0.00	17.22 -0.55 0.00	19.86 -0.76 0.00	20.06 -0.75 0.00	20.08 -0.73 0.00	20.06 -0.79 0.00	20.06 -0.84 0.00	21.48 -0.89 0.00	20.08 -0.77 0.00	20.02 -0.86 0.00	19.50 -0.92 0.00	19.62 -0.92 0.00	18.81 -0.76 0.00	18.26 -0.76 0.00	19.89 -1.09 0.00	19.93 -1.07 0.00	20.63 -1.11 0.00	22.68 -1.19 -0.12	22.19 -1.19 -0.09	19.93 -0.98 0.00	19.59 -0.92 0.00
LEDERLE___ 23769	25.13 1.38 -0.70	23.29 1.25 -1.24	21.24 1.04 -2.33	20.60 0.99 -2.27	20.36 1.00 -1.59	22.67 1.20 -0.85	24.81 1.25 -2.75	27.17 1.54 -4.82	27.42 1.67 -4.90	29.08 1.69 -6.50	27.87 1.83 -3.66	29.47 1.71 -6.91	30.14 1.77 -7.50	32.18 1.76 -10.00	31.73 1.75 -9.44	31.45 1.70 -10.18	38.87 1.75 -18.09	41.76 1.89 -18.89	38.30 1.85 -15.45	34.99 1.85 -11.40	31.05 1.99 -5.32	27.07 1.93 -1.86	25.42 1.76 -2.75	23.41 1.37 -1.53
LIGHTHSE_115KV_TB6 355974	23.05 -0.05 -0.05	20.80 -0.10 -0.09	17.87 -0.18 -0.18	17.32 -0.19 -0.17	17.71 -0.18 -0.12	20.50 -0.19 -0.06	20.83 -0.19 -0.21	20.88 -0.29 -0.37	20.90 -0.33 -0.38	21.08 -0.31 -0.50	22.34 -0.31 -0.28	21.05 -0.33 -0.54	21.10 -0.33 -0.57	20.82 -0.35 -0.75	20.90 -0.35 -0.71	19.94 -0.39 -0.76	19.94 -0.42 -1.34	22.08 -0.29 -1.40	21.94 -0.23 -1.17	22.43 -0.20 -0.88	24.98 -0.19 -1.43	24.05 -0.14 -0.91	20.89 -0.23 -0.21	20.46 -0.16 -0.11
LINDEN COGEN___ 23786	25.14 1.36 -0.74	23.28 1.19 -1.29	21.31 1.00 -2.44	20.66 0.94 -2.38	20.37 0.94 -1.66	22.67 1.15 -0.89	24.91 1.21 -2.90	27.51 1.62 -5.08	27.81 1.81 -5.15	29.58 1.86 -6.82	28.17 1.95 -3.85	29.95 1.84 -7.26	30.66 1.90 -7.89	30.73 1.82 -8.50	31.06 1.79 -8.74	32.04 1.76 -10.71	33.36 1.75 -12.59	34.58 1.87 -11.74	33.53 1.81 -10.72	32.40 1.78 -8.87	31.04 1.97 -5.33	27.22 1.98 -1.96	25.68 1.86 -2.90	23.52 1.40 -1.61
LINDHRST_69_KV_BK1 356055	27.95 2.37 -2.53	26.01 2.14 -3.05	22.87 1.81 -3.19	22.04 1.72 -2.99	21.88 1.76 -2.35	26.25 2.06 -3.56	28.08 2.14 -5.12	30.21 2.48 -6.93	32.41 2.65 -8.91	33.21 2.70 -9.63	32.53 2.71 -7.44	32.49 2.52 -9.12	37.14 2.61 -13.65	35.55 2.55 -12.58	41.59 2.55 -18.51	41.82 2.47 -19.78	48.16 2.45 -26.68	50.74 2.66 -27.09	46.31 2.71 -22.60	39.73 2.74 -15.25	40.86 3.04 -14.08	33.77 3.00 -7.49	33.02 2.74 -9.36	28.74 2.34 -5.89
LIPA_MISC_IPP 23656	28.13 2.56 -2.53	26.15 2.29 -3.05	23.03 1.97 -3.19	22.20 1.87 -2.99	22.04 1.92 -2.35	26.41 2.23 -3.56	28.24 2.31 -5.12	30.40 2.66 -6.93	32.67 2.90 -8.92	37.08 2.92 -13.26	35.92 2.89 -10.66	35.52 2.65 -12.02	46.09 2.69 -22.53	50.07 2.63 -27.01	83.25 2.61 -60.10	84.69 2.52 -62.59	124.69 2.51 -103.15	124.84 2.75 -101.11	111.69 2.79 -87.90	71.82 2.83 -47.25	44.62 3.16 -17.72	36.12 3.17 -9.68	33.21 2.93 -9.37	28.89 2.48 -5.89
LISF___SOLAR 323691	28.20 2.63 -2.53	26.17 2.31 -3.05	23.06 2.00 -3.19	22.25 1.92 -2.99	22.07 1.95 -2.35	26.48 2.29 -3.56	28.31 2.37 -5.13	30.45 2.70 -6.94	32.69 2.92 -8.92	37.16 2.95 -13.32	36.02 2.93 -10.72	37.81 2.69 -14.27	46.27 2.73 -22.67	50.32 2.65 -27.24	83.94 2.65 -60.75	85.41 2.58 -63.25	125.91 2.55 -104.33	126.00 2.77 -102.26	112.64 2.73 -88.91	72.36 2.87 -47.75	44.71 3.16 -17.81	37.88 3.21 -11.39	33.27 2.97 -9.39	28.92 2.50 -5.90
LITTLE FALLS___HYD 24013	23.46 0.41 0.00	21.16 0.35 0.00	18.12 0.25 0.00	17.58 0.24 0.00	18.02 0.25 0.00	20.91 0.29 0.00	21.08 0.27 0.00	21.10 0.29 0.00	21.10 0.25 0.00	21.10 0.21 0.00	22.66 0.29 0.00	21.08 0.23 0.00	21.08 0.21 0.00	20.48 0.06 0.00	20.54 0.00 0.00	19.55 -0.02 0.00	18.99 -0.04 0.00	20.98 0.00 0.00	21.02 0.02 0.00	21.76 0.02 0.00	23.81 0.07 0.00	23.42 0.14 0.00	21.04 0.13 0.00	20.59 0.08 0.00
LITTLRIV_115KV_TB1 356100	22.28 -0.76 0.00	20.20 -0.60 0.00	17.30 -0.57 0.00	16.84 -0.50 0.00	17.34 -0.43 0.00	20.05 -0.58 0.00	20.25 -0.56 0.00	20.29 -0.52 0.00	20.24 -0.60 0.00	20.22 -0.67 0.00	21.72 -0.65 0.00	20.31 -0.54 0.00	20.27 -0.61 0.00	19.67 -0.76 0.00	19.76 -0.78 0.00	18.95 -0.63 0.00	18.40 -0.63 0.00	20.03 -0.94 0.00	20.08 -0.92 0.00	20.81 -0.93 0.00	22.90 -0.97 -0.13	22.40 -0.98 -0.10	20.10 -0.82 0.00	19.71 -0.80 0.00
LI_NEWBRDGE___DRP 323616	27.39 1.82 -2.53	25.52 1.66 -3.05	22.46 1.39 -3.19	21.64 1.32 -2.98	21.47 1.35 -2.34	25.77 1.59 -3.56	27.57 1.64 -5.12	29.69 1.96 -6.92	31.86 2.11 -8.91	32.20 2.13 -9.17	31.57 2.15 -7.05	31.56 2.00 -8.71	33.69 2.09 -10.73	33.51 2.04 -11.05	37.10 2.03 -14.53	37.23 1.98 -15.68	40.37 1.98 -19.37	43.13 2.14 -20.02	39.40 2.16 -16.24	35.91 2.15 -12.01	39.69 2.33 -13.63	32.79 2.33 -7.18	32.45 2.17 -9.36	28.21 1.81 -5.89
LOCKPORT_115KV_TB60_63_64 80432	22.60 -0.55 -0.11	20.34 -0.67 -0.19	17.63 -0.61 -0.37	17.07 -0.62 -0.36	17.29 -0.73 -0.25	19.95 -0.80 -0.13	20.47 -0.77 -0.43	20.42 -1.14 -0.76	20.63 -1.02 -0.80	21.05 -0.90 -1.06	22.05 -0.92 -0.60	20.93 -1.04 -1.12	21.04 -1.02 -1.19	21.05 -0.94 -1.57	21.08 -0.94 -1.49	20.15 -1.02 -1.60	20.78 -1.05 -2.81	23.28 -0.63 -2.93	22.91 -0.55 -2.46	23.12 -0.48 -1.85	23.87 -0.74 -0.86	23.19 -0.40 -0.30	20.65 -0.71 -0.45	20.29 -0.47 -0.25
LOCKPORT___CC1 323769	22.81 -0.35 -0.11	20.30 -0.71 -0.20	17.78 -0.46 -0.37	17.20 -0.50 -0.36	17.44 -0.59 -0.25	20.14 -0.62 -0.14	20.61 -0.65 -0.45	20.43 -1.16 -0.79	20.63 -1.02 -0.80	21.06 -0.90 -1.07	22.04 -0.94 -0.60	20.92 -1.06 -1.13	21.02 -1.04 -1.20	21.06 -0.94 -1.58	21.09 -0.94 -1.50	20.38 -0.80 -1.61	20.81 -1.05 -2.83	23.30 -0.63 -2.95	22.95 -0.52 -2.48	23.11 -0.50 -1.87	23.78 -0.76 -0.80	23.16 -0.40 -0.28	20.59 -0.73 -0.41	20.17 -0.57 -0.23
LOCKPORT___CC2 323770	22.81 -0.35 -0.11	20.30 -0.71 -0.20	17.78 -0.46 -0.37	17.20 -0.50 -0.36	17.44 -0.59 -0.25	20.14 -0.62 -0.14	20.61 -0.65 -0.45	20.43 -1.16 -0.79	20.63 -1.02 -0.80	21.06 -0.90 -1.07	22.04 -0.94 -0.60	20.92 -1.06 -1.13	21.02 -1.04 -1.20	21.06 -0.94 -1.58	21.09 -0.94 -1.50	20.38 -0.80 -1.61	20.81 -1.05 -2.83	23.30 -0.63 -2.95	22.95 -0.52 -2.48	23.11 -0.50 -1.87	23.78 -0.76 -0.80	23.16 -0.40 -0.28	20.59 -0.73 -0.41	20.17 -0.57 -0.23

LOCKPORT___CC3 323771	22.81 -0.35 -0.11	20.30 -0.71 -0.20	17.78 -0.46 -0.37	17.20 -0.50 -0.36	17.44 -0.59 -0.25	20.14 -0.62 -0.14	20.61 -0.65 -0.45	20.43 -1.16 -0.79	20.63 -1.02 -0.80	21.06 -0.90 -1.07	22.04 -0.94 -0.60	20.92 -1.06 -1.13	21.02 -1.04 -1.20	21.06 -0.94 -1.58	21.09 -0.94 -1.50	20.38 -0.80 -1.61	20.81 -1.05 -2.83	23.30 -0.63 -2.95	22.95 -0.52 -2.48	23.11 -0.50 -1.87	23.78 -0.76 -0.80	23.16 -0.40 -0.28	20.59 -0.73 -0.41	20.17 -0.57 -0.23
LONG_LAKE_PHOENIX 24014	22.94 -0.16 -0.06	20.70 -0.21 -0.10	17.86 -0.21 -0.20	17.31 -0.23 -0.19	17.66 -0.25 -0.13	20.43 -0.27 -0.07	20.77 -0.27 -0.23	20.82 -0.40 -0.41	20.84 -0.42 -0.40	21.03 -0.40 -0.53	22.32 -0.36 -0.30	21.02 -0.40 -0.57	21.08 -0.40 -0.60	20.83 -0.39 -0.79	20.90 -0.39 -0.75	19.99 -0.39 -0.81	20.06 -0.38 -1.42	22.17 -0.29 -1.48	21.95 -0.29 -1.24	22.40 -0.28 -0.94	25.33 -0.28 -1.87	24.23 -0.28 -1.23	20.80 -0.33 -0.22	20.41 -0.23 -0.12
LOVETT___3 23632	25.04 1.29 -0.71	23.22 1.17 -1.24	21.18 0.97 -2.34	20.54 0.92 -2.29	20.29 0.92 -1.60	22.57 1.09 -0.86	24.72 1.14 -2.77	27.09 1.44 -4.85	27.36 1.58 -4.93	29.03 1.61 -6.53	27.78 1.72 -3.68	29.40 1.61 -6.95	30.08 1.67 -7.54	32.13 1.65 -10.05	31.70 1.66 -9.49	31.43 1.62 -10.23	38.85 1.64 -18.18	41.73 1.76 -18.99	38.27 1.74 -15.53	34.93 1.74 -11.45	30.96 1.88 -5.34	26.96 1.82 -1.87	25.33 1.65 -2.76	23.34 1.29 -1.53
LOVETT___4 23642	25.04 1.29 -0.71	23.22 1.17 -1.24	21.18 0.97 -2.34	20.54 0.92 -2.29	20.29 0.92 -1.60	22.57 1.09 -0.86	24.72 1.14 -2.77	27.09 1.44 -4.85	27.36 1.58 -4.93	29.03 1.61 -6.53	27.78 1.72 -3.68	29.40 1.61 -6.95	30.08 1.67 -7.54	32.13 1.65 -10.05	31.70 1.66 -9.49	31.43 1.62 -10.23	38.85 1.64 -18.18	41.73 1.76 -18.99	38.27 1.74 -15.53	34.93 1.74 -11.45	30.96 1.88 -5.34	26.96 1.82 -1.87	25.33 1.65 -2.76	23.34 1.29 -1.53
LOVETT___5 23593	25.04 1.29 -0.71	23.22 1.17 -1.24	21.18 0.97 -2.34	20.54 0.92 -2.29	20.29 0.92 -1.60	22.57 1.09 -0.86	24.72 1.14 -2.77	27.09 1.44 -4.85	27.36 1.58 -4.93	29.03 1.61 -6.53	27.78 1.72 -3.68	29.40 1.61 -6.95	30.08 1.67 -7.54	32.13 1.65 -10.05	31.70 1.66 -9.49	31.43 1.62 -10.23	38.85 1.64 -18.18	41.73 1.76 -18.99	38.27 1.74 -15.53	34.93 1.74 -11.45	30.96 1.88 -5.34	26.96 1.82 -1.87	25.33 1.65 -2.76	23.34 1.29 -1.53
LOWER RAQUET___HYD 24057	21.96 -1.08 0.00	19.98 -0.83 0.00	17.05 -0.82 0.00	16.58 -0.76 0.00	17.10 -0.68 0.00	19.76 -0.87 0.00	19.98 -0.83 0.00	19.98 -0.83 0.00	19.95 -0.90 0.00	19.93 -0.96 0.00	21.37 -1.01 0.00	19.95 -0.90 0.00	19.89 -0.98 0.00	19.38 -1.04 0.00	19.47 -1.07 0.00	18.48 -1.10 0.00	18.13 -0.89 0.00	19.74 -1.24 0.00	19.78 -1.22 0.00	20.48 -1.26 0.00	22.55 -1.33 -0.14	22.06 -1.33 -0.11	19.80 -1.11 0.00	19.44 -1.07 0.00
LOWER___HUDSON 24059	25.05 1.06 -0.95	23.39 0.91 -1.66	21.80 0.79 -3.14	21.18 0.78 -3.06	20.71 0.80 -2.14	22.68 0.91 -1.15	25.43 0.91 -3.71	28.29 0.98 -6.50	28.48 1.02 -6.61	30.68 1.02 -8.76	28.43 1.12 -4.94	31.17 1.00 -9.32	31.33 0.98 -9.48	33.76 0.96 -12.38	33.28 0.97 -11.78	33.07 0.90 -12.60	41.69 0.86 -21.81	44.76 1.01 -22.77	41.89 1.05 -19.84	38.22 1.11 -15.37	32.27 1.19 -7.34	27.03 1.19 -2.57	25.71 1.00 -3.79	23.50 0.88 -2.11
LOWVILLE_115KV_TB2 356335	23.21 0.14 -0.03	20.90 0.04 -0.05	17.88 -0.09 -0.09	17.34 -0.09 -0.09	17.80 -0.04 -0.06	20.64 -0.02 -0.03	21.05 0.12 -0.11	21.13 0.12 -0.20	21.04 0.00 -0.19	21.08 -0.06 -0.25	22.49 -0.02 -0.14	21.09 -0.02 -0.27	21.13 -0.02 -0.28	20.63 -0.16 -0.37	20.69 -0.21 -0.35	19.62 -0.33 -0.38	19.36 -0.32 -0.66	21.54 -0.13 -0.69	21.54 -0.04 -0.58	22.18 0.00 -0.44	24.36 0.07 -0.54	23.62 0.02 -0.32	20.94 -0.08 -0.11	20.47 -0.10 -0.06
LUTHERFT_115KV_GLOB_FND_222 355753	25.29 1.29 -0.96	23.62 1.12 -1.69	22.00 0.95 -3.18	21.36 0.92 -3.10	20.88 0.94 -2.17	22.90 1.11 -1.16	25.73 1.17 -3.76	28.63 1.25 -6.58	28.82 1.27 -6.70	31.02 1.25 -8.88	28.76 1.39 -5.00	31.52 1.23 -9.45	31.73 1.19 -9.67	34.25 1.16 -12.66	33.75 1.17 -12.04	33.56 1.10 -12.89	42.45 1.05 -22.38	45.61 1.26 -23.37	42.51 1.30 -20.21	38.70 1.39 -15.57	32.50 1.50 -7.26	27.31 1.49 -2.54	25.86 1.19 -3.75	23.62 1.03 -2.08
LUTHERNY_35_KV_BK2 355980	25.32 1.31 -0.96	23.64 1.14 -1.69	22.02 0.97 -3.18	21.38 0.94 -3.10	20.90 0.96 -2.17	22.90 1.11 -1.16	25.73 1.17 -3.76	28.63 1.25 -6.58	28.84 1.29 -6.70	31.04 1.27 -8.88	28.76 1.39 -5.00	31.55 1.25 -9.45	31.73 1.19 -9.67	34.27 1.18 -12.66	33.77 1.19 -12.04	33.56 1.10 -12.89	42.47 1.07 -22.38	45.63 1.28 -23.37	42.53 1.32 -20.21	38.72 1.41 -15.57	32.52 1.52 -7.26	27.33 1.51 -2.54	25.88 1.21 -3.75	23.62 1.03 -2.08
LWR___OSWEGATCHIE_HYD 23850	22.42 -0.65 -0.02	20.26 -0.58 -0.04	17.35 -0.59 -0.07	16.85 -0.55 -0.07	17.34 -0.48 -0.05	20.03 -0.62 -0.03	20.37 -0.52 -0.08	20.43 -0.52 -0.14	20.36 -0.63 -0.13	20.40 -0.67 -0.18	21.73 -0.74 -0.10	20.37 -0.67 -0.19	20.38 -0.69 -0.20	19.91 -0.78 -0.26	19.99 -0.80 -0.25	19.07 -0.76 -0.26	18.75 -0.74 -0.47	20.60 -0.86 -0.49	20.61 -0.80 -0.41	21.27 -0.78 -0.31	23.37 -0.81 -0.43	22.73 -0.81 -0.26	20.24 -0.75 -0.08	19.82 -0.74 -0.05
LYONS_FALL_HYD 23570	23.37 0.30 -0.03	21.04 0.19 -0.05	18.02 0.05 -0.09	17.48 0.05 -0.09	17.92 0.09 -0.06	20.78 0.12 -0.03	21.16 0.25 -0.11	21.26 0.27 -0.19	21.23 0.19 -0.19	21.29 0.15 -0.25	22.76 0.25 -0.14	21.30 0.19 -0.27	21.34 0.19 -0.28	20.85 0.06 -0.37	20.91 0.02 -0.35	19.87 -0.08 -0.38	19.61 -0.08 -0.66	21.78 0.11 -0.69	21.75 0.17 -0.58	22.38 0.20 -0.44	24.47 0.29 -0.44	23.76 0.23 -0.25	21.12 0.11 -0.10	20.63 0.06 -0.06
MADISON___COUNTY_LFGE 323628	23.74 0.65 -0.05	21.39 0.50 -0.08	18.33 0.30 -0.15	17.78 0.29 -0.15	18.19 0.32 -0.10	21.07 0.39 -0.05	21.51 0.52 -0.18	21.68 0.56 -0.31	21.70 0.52 -0.33	21.85 0.52 -0.44	23.25 0.63 -0.25	21.86 0.54 -0.47	21.91 0.54 -0.49	21.52 0.45 -0.65	21.59 0.43 -0.62	20.63 0.39 -0.66	20.55 0.36 -1.16	22.74 0.55 -1.21	22.63 0.61 -1.02	23.12 0.61 -0.77	25.02 0.66 -0.61	24.22 0.63 -0.32	21.54 0.44 -0.19	21.01 0.39 -0.10
MALONE___115KV_TB1 356076	22.63 -0.41 0.00	20.54 -0.27 0.00	17.64 -0.23 0.00	17.18 -0.16 0.00	17.61 -0.16 0.00	20.44 -0.19 0.00	20.62 -0.19 0.00	20.64 -0.17 0.00	20.64 -0.21 0.00	20.64 -0.25 0.00	22.06 -0.31 0.00	20.58 -0.27 0.00	20.48 -0.40 0.00	19.97 -0.45 0.00	20.07 -0.47 0.00	19.10 -0.47 0.00	18.57 -0.46 0.00	20.28 -0.69 0.00	20.31 -0.69 0.00	21.05 -0.70 0.00	22.98 -0.76 0.00	22.53 -0.74 0.00	20.35 -0.56 0.00	20.02 -0.49 0.00
MAPLEWOD_115KV_TB3 80458	24.93 0.94 -0.94	23.27 0.81 -1.65	21.69 0.70 -3.12	21.07 0.69 -3.04	20.59 0.69 -2.13	22.57 0.80 -1.14	25.32 0.83 -3.68	28.15 0.89 -6.45	28.37 0.96 -6.57	30.55 0.96 -8.70	28.35 1.07 -4.90	31.07 0.96 -9.26	31.29 0.94 -9.48	33.76 0.92 -12.42	33.27 0.92 -11.80	33.07 0.86 -12.63	41.81 0.84 -21.95	44.88 0.99 -22.92	41.82 1.01 -19.81	38.05 1.04 -15.26	32.00 1.14 -7.12	26.88 1.12 -2.49	25.53 0.94 -3.68	23.31 0.76 -2.04

MAPLE_RIDGE_WT_1 323574	22.79 -0.25 0.00	20.56 -0.25 0.00	17.69 -0.18 0.00	17.18 -0.16 0.00	17.65 -0.12 0.00	20.50 -0.12 0.00	20.68 -0.12 0.00	20.68 -0.12 0.00	20.72 -0.12 0.00	20.75 -0.15 0.00	22.15 -0.22 0.00	20.58 -0.27 0.00	20.54 -0.33 0.00	20.01 -0.41 0.00	20.07 -0.47 0.00	19.10 -0.47 0.00	18.59 -0.44 0.00	20.58 -0.40 0.00	20.56 -0.44 0.00	21.28 -0.46 0.00	23.24 -0.50 0.00	22.74 -0.53 0.00	20.41 -0.50 0.00	20.06 -0.45 0.00
MAPLE_RIDGE_WT_2 323611	22.79 -0.25 0.00	20.56 -0.25 0.00	17.69 -0.18 0.00	17.18 -0.16 0.00	17.65 -0.12 0.00	20.50 -0.12 0.00	20.68 -0.12 0.00	20.68 -0.12 0.00	20.72 -0.12 0.00	20.75 -0.15 0.00	22.15 -0.22 0.00	20.58 -0.27 0.00	20.54 -0.33 0.00	20.01 -0.41 0.00	20.07 -0.47 0.00	19.10 -0.47 0.00	18.59 -0.44 0.00	20.58 -0.40 0.00	20.56 -0.44 0.00	21.28 -0.46 0.00	23.24 -0.50 0.00	22.74 -0.53 0.00	20.41 -0.50 0.00	20.06 -0.45 0.00
MARBLE_RIVER_WT_PWR 323696	22.74 -0.30 0.00	20.70 -0.10 0.00	17.73 -0.14 0.00	17.27 -0.07 0.00	17.70 -0.07 0.00	20.56 -0.06 0.00	20.77 -0.04 0.00	20.73 -0.08 0.00	20.72 -0.12 0.00	20.68 -0.21 0.00	22.08 -0.29 0.00	20.58 -0.27 0.00	20.47 -0.40 0.00	20.01 -0.41 0.00	20.09 -0.45 0.00	19.03 -0.55 0.00	18.57 -0.46 0.00	20.29 -0.69 0.00	20.29 -0.71 0.00	21.02 -0.72 0.00	22.96 -0.78 0.00	22.53 -0.75 0.00	20.37 -0.54 0.00	20.06 -0.45 0.00
MARSHVLE_115KV_TB1 80742	25.79 1.77 -0.97	24.07 1.56 -1.70	22.37 1.29 -3.21	21.74 1.27 -3.13	21.28 1.32 -2.19	23.36 1.57 -1.17	26.41 1.81 -3.79	29.19 1.75 -6.64	29.32 1.71 -6.76	31.48 1.63 -8.96	29.15 1.72 -5.05	31.90 1.52 -9.53	32.19 1.50 -9.82	34.78 1.47 -12.88	34.14 1.36 -12.24	33.96 1.27 -13.11	43.15 1.29 -22.83	46.46 1.64 -23.84	43.27 1.78 -20.49	39.41 1.96 -15.71	32.97 1.90 -7.33	27.73 1.89 -2.56	26.12 1.42 -3.79	23.87 1.25 -2.10
MARSH_HILL_WT_PWR 323713	23.63 0.44 -0.15	21.09 0.02 -0.26	18.44 0.07 -0.50	17.84 0.02 -0.49	18.11 0.00 -0.34	20.87 0.06 -0.18	21.52 0.10 -0.61	21.67 -0.21 -1.07	21.77 -0.17 -1.09	22.21 -0.12 -1.44	23.07 -0.11 -0.81	22.07 -0.31 -1.53	22.19 -0.29 -1.61	22.29 -0.27 -2.13	22.29 -0.27 -2.02	21.51 -0.23 -2.17	22.46 -0.38 -3.82	24.99 0.02 -3.99	24.52 0.17 -3.35	24.55 0.28 -2.52	25.20 0.21 -1.24	24.08 0.30 -0.50	21.43 -0.04 -0.56	20.76 -0.06 -0.31
MCINTYRE_115KV_TB2 80467	22.61 -0.44 0.00	20.48 -0.33 0.00	17.52 -0.36 0.00	17.06 -0.28 0.00	17.56 -0.21 0.00	20.29 -0.33 0.00	20.52 -0.29 0.00	20.52 -0.29 0.00	20.47 -0.38 0.00	20.45 -0.44 0.00	21.93 -0.45 0.00	20.49 -0.35 0.00	20.48 -0.40 0.00	19.89 -0.53 0.00	20.01 -0.53 0.00	19.18 -0.39 0.00	18.63 -0.40 0.00	20.28 -0.69 0.00	20.35 -0.65 0.00	21.09 -0.65 0.00	23.20 -0.66 -0.12	22.69 -0.68 -0.09	20.35 -0.56 0.00	19.96 -0.55 0.00
MECO____69_KV_BK1 80468	26.25 2.24 -0.97	24.47 1.96 -1.70	22.67 1.59 -3.21	22.01 1.54 -3.13	21.58 1.62 -2.19	23.74 1.94 -1.17	26.80 2.21 -3.79	29.65 2.21 -6.64	29.78 2.17 -6.76	31.94 2.09 -8.96	30.11 2.68 -5.05	32.69 2.31 -9.53	32.94 2.25 -9.82	35.14 1.84 -12.88	34.55 1.77 -12.24	34.33 1.64 -13.11	43.53 1.67 -22.83	46.94 2.12 -23.84	43.75 2.27 -20.49	39.89 2.44 -15.71	33.54 2.47 -7.33	28.24 2.40 -2.56	26.48 1.78 -3.79	24.17 1.56 -2.10
MENANDS__115KV_TB5 355628	24.79 0.81 -0.94	23.16 0.71 -1.65	21.59 0.61 -3.11	20.98 0.61 -3.04	20.50 0.60 -2.12	22.46 0.70 -1.14	25.19 0.71 -3.67	28.03 0.79 -6.44	28.26 0.85 -6.56	30.44 0.86 -8.69	28.21 0.94 -4.90	30.93 0.83 -9.24	31.17 0.83 -9.47	33.64 0.82 -12.40	33.15 0.82 -11.78	32.93 0.74 -12.62	41.66 0.72 -21.91	44.72 0.86 -22.88	41.66 0.88 -19.78	37.89 0.91 -15.24	31.85 1.00 -7.11	26.74 0.98 -2.48	25.40 0.82 -3.67	23.21 0.66 -2.04
MG INDUSTRY___DRP 24185	24.84 0.88 -0.92	23.19 0.77 -1.62	21.58 0.66 -3.05	20.95 0.64 -2.97	20.51 0.66 -2.08	22.50 0.76 -1.11	25.18 0.77 -3.60	27.95 0.83 -6.31	28.13 0.85 -6.42	30.28 0.88 -8.51	28.11 0.94 -4.80	30.74 0.83 -9.05	31.06 0.81 -9.38	33.54 0.80 -12.32	33.04 0.80 -11.70	32.86 0.74 -12.54	41.62 0.70 -21.89	44.67 0.84 -22.86	41.42 0.88 -19.54	37.60 0.93 -14.92	31.72 1.02 -6.96	26.71 1.00 -2.43	25.35 0.84 -3.60	23.21 0.70 -2.00
MID___OSWEGATCHIE_HYD 23849	22.42 -0.65 -0.02	20.26 -0.58 -0.04	17.35 -0.59 -0.07	16.85 -0.55 -0.07	17.34 -0.48 -0.05	20.03 -0.62 -0.03	20.37 -0.52 -0.08	20.43 -0.52 -0.14	20.36 -0.63 -0.13	20.40 -0.67 -0.18	21.73 -0.74 -0.10	20.37 -0.67 -0.19	20.38 -0.69 -0.20	19.91 -0.78 -0.26	19.99 -0.80 -0.25	19.07 -0.76 -0.26	18.75 -0.74 -0.47	20.60 -0.86 -0.49	20.61 -0.80 -0.41	21.27 -0.78 -0.31	23.37 -0.81 -0.43	22.73 -0.81 -0.26	20.24 -0.75 -0.08	19.82 -0.74 -0.05
MID___RAQUETTE_HYD 23851	21.94 -1.11 0.00	19.89 -0.92 0.00	17.05 -0.82 0.00	16.59 -0.75 0.00	17.10 -0.68 0.00	19.74 -0.89 0.00	19.93 -0.87 0.00	19.95 -0.85 0.00	19.93 -0.92 0.00	19.93 -0.96 0.00	21.34 -1.03 0.00	19.95 -0.90 0.00	19.89 -0.98 0.00	19.38 -1.04 0.00	19.47 -1.07 0.00	18.67 -0.90 0.00	18.13 -0.89 0.00	19.74 -1.24 0.00	19.78 -1.22 0.00	20.48 -1.26 0.00	22.55 -1.33 -0.14	22.06 -1.33 -0.11	19.80 -1.11 0.00	19.45 -1.07 0.00
MILLIKEN___1 23584	23.75 0.55 -0.15	21.48 0.42 -0.26	18.63 0.27 -0.49	18.06 0.24 -0.48	18.35 0.25 -0.33	21.11 0.31 -0.18	21.95 0.56 -0.58	22.36 0.54 -1.01	22.45 0.52 -1.08	22.86 0.54 -1.43	23.83 0.65 -0.80	22.85 0.48 -1.52	22.97 0.50 -1.60	23.01 0.47 -2.12	23.04 0.49 -2.01	22.14 0.41 -2.15	23.21 0.40 -3.79	25.60 0.67 -3.95	25.08 0.76 -3.32	25.05 0.80 -2.50	26.05 0.62 -1.69	24.64 0.56 -0.80	21.87 0.36 -0.60	21.22 0.37 -0.33
MILLIKEN___2 23585	23.75 0.55 -0.15	21.48 0.42 -0.26	18.63 0.27 -0.49	18.06 0.24 -0.48	18.35 0.25 -0.33	21.11 0.31 -0.18	21.95 0.56 -0.58	22.36 0.54 -1.01	22.45 0.52 -1.08	22.86 0.54 -1.43	23.83 0.65 -0.80	22.85 0.48 -1.52	22.97 0.50 -1.60	23.01 0.47 -2.12	23.04 0.49 -2.01	22.14 0.41 -2.15	23.21 0.40 -3.79	25.60 0.67 -3.95	25.08 0.76 -3.32	25.05 0.80 -2.50	26.05 0.62 -1.69	24.64 0.56 -0.80	21.87 0.36 -0.60	21.22 0.37 -0.33
MILLIKEN___DIESEL 23629	23.75 0.55 -0.15	21.48 0.42 -0.26	18.63 0.27 -0.49	18.06 0.24 -0.48	18.35 0.25 -0.33	21.11 0.31 -0.18	21.95 0.56 -0.58	22.36 0.54 -1.01	22.45 0.52 -1.08	22.86 0.54 -1.43	23.83 0.65 -0.80	22.85 0.48 -1.52	22.97 0.50 -1.60	23.01 0.47 -2.12	23.04 0.49 -2.01	22.14 0.41 -2.15	23.21 0.40 -3.79	25.60 0.67 -3.95	25.08 0.76 -3.32	25.05 0.80 -2.50	26.05 0.62 -1.69	24.64 0.56 -0.80	21.87 0.36 -0.60	21.22 0.37 -0.33
MILLSEAT___LFGE 323607	23.20 0.05 -0.11	20.64 -0.35 -0.19	18.05 -0.18 -0.36	17.46 -0.23 -0.35	17.73 -0.29 -0.24	20.49 -0.27 -0.13	20.97 -0.27 -0.43	20.86 -0.71 -0.76	21.02 -0.61 -0.77	21.42 -0.50 -1.02	22.48 -0.47 -0.58	21.31 -0.62 -1.09	21.42 -0.61 -1.15	21.37 -0.57 -1.52	21.41 -0.58 -1.44	20.67 -0.45 -1.55	21.06 -0.68 -2.72	23.61 -0.21 -2.84	23.28 -0.10 -2.38	23.50 -0.04 -1.80	24.25 -0.26 -0.77	23.57 0.02 -0.27	20.98 -0.34 -0.40	20.49 -0.25 -0.22

MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	25.14 1.36 -0.73	23.32 1.23 -1.29	21.34 1.04 -2.43	20.68 0.97 -2.37	20.42 1.00 -1.66	22.69 1.18 -0.89	24.91 1.23 -2.87	27.37 1.54 -5.03	27.65 1.69 -5.11	29.38 1.71 -6.77	28.00 1.81 -3.82	29.76 1.71 -7.20	30.47 1.77 -7.82	32.62 1.76 -10.44	32.14 1.75 -9.86	31.90 1.70 -10.62	39.63 1.71 -18.89	42.56 1.85 -19.73	38.94 1.83 -16.12	35.42 1.80 -11.88	31.23 1.95 -5.54	27.12 1.91 -1.94	25.51 1.74 -2.86	23.48 1.37 -1.59
MILLWOOD_13_KV_LOAD 356217	25.18 1.41 -0.73	23.37 1.27 -1.29	21.38 1.07 -2.43	20.72 1.01 -2.37	20.44 1.01 -1.66	22.71 1.20 -0.89	24.95 1.27 -2.87	27.46 1.62 -5.03	27.75 1.79 -5.11	29.50 1.84 -6.77	28.14 1.95 -3.82	29.93 1.88 -7.20	30.64 1.94 -7.82	32.76 1.90 -10.44	32.29 1.89 -9.86	32.04 1.84 -10.62	39.75 1.83 -18.89	42.72 2.01 -19.73	39.09 1.97 -16.12	35.53 1.91 -11.88	31.35 2.07 -5.54	27.22 2.00 -1.94	25.60 1.82 -2.86	23.52 1.42 -1.59
MODEL_CITY_ENERGY 24167	22.56 -0.60 -0.11	20.07 -0.94 -0.20	17.59 -0.66 -0.37	17.01 -0.69 -0.37	17.24 -0.78 -0.26	19.92 -0.85 -0.14	20.39 -0.87 -0.46	20.19 -1.42 -0.80	20.41 -1.25 -0.81	20.84 -1.13 -1.08	21.79 -1.19 -0.61	20.70 -1.29 -1.15	20.81 -1.27 -1.21	20.83 -1.18 -1.60	20.86 -1.19 -1.51	20.16 -1.04 -1.63	20.59 -1.29 -2.86	23.08 -0.88 -2.99	22.71 -0.80 -2.51	22.87 -0.76 -1.89	23.53 -1.02 -0.81	22.91 -0.65 -0.28	20.37 -0.96 -0.42	19.94 -0.80 -0.23
MODERN_LFGE_ 323580	22.56 -0.60 -0.11	20.07 -0.94 -0.20	17.59 -0.66 -0.37	17.01 -0.69 -0.37	17.24 -0.78 -0.26	19.92 -0.85 -0.14	20.39 -0.87 -0.46	20.19 -1.42 -0.80	20.41 -1.25 -0.81	20.84 -1.13 -1.08	21.79 -1.19 -0.61	20.70 -1.29 -1.15	20.81 -1.27 -1.21	20.83 -1.18 -1.60	20.86 -1.19 -1.51	20.16 -1.04 -1.63	20.59 -1.29 -2.86	23.08 -0.88 -2.99	22.71 -0.80 -2.51	22.87 -0.76 -1.89	23.53 -1.02 -0.81	22.91 -0.65 -0.28	20.37 -0.96 -0.42	19.94 -0.80 -0.23
MOHAWK_PAPER___DRP 24187	24.93 0.94 -0.94	23.27 0.81 -1.65	21.69 0.70 -3.12	21.07 0.69 -3.04	20.59 0.69 -2.13	22.57 0.80 -1.14	25.32 0.83 -3.68	28.15 0.89 -6.45	28.37 0.96 -6.57	30.55 0.96 -8.70	28.35 1.07 -4.90	31.07 0.96 -9.26	31.29 0.94 -9.48	33.76 0.92 -12.42	33.27 0.92 -11.80	33.07 0.86 -12.63	41.81 0.84 -21.95	44.88 0.99 -22.92	41.82 1.01 -19.81	38.05 1.04 -15.26	32.00 1.14 -7.12	26.88 1.12 -2.49	25.53 0.94 -3.68	23.31 0.76 -2.04
MOHICAN__35_KV_115KV_LD 80490	25.23 1.22 -0.96	23.58 1.08 -1.69	21.93 0.88 -3.18	21.29 0.85 -3.10	20.83 0.89 -2.17	22.84 1.05 -1.16	25.71 1.14 -3.76	28.64 1.25 -6.58	28.82 1.27 -6.70	30.99 1.21 -8.88	28.75 1.36 -5.01	31.49 1.19 -9.45	31.66 1.11 -9.68	34.18 1.08 -12.68	33.70 1.11 -12.05	33.47 1.00 -12.90	42.41 0.97 -22.41	45.58 1.20 -23.41	42.49 1.26 -20.23	38.69 1.37 -15.58	32.48 1.47 -7.27	27.31 1.49 -2.54	25.78 1.11 -3.76	23.52 0.92 -2.08
MONGAUP___HYD 23641	24.92 1.22 -0.66	23.02 1.06 -1.15	20.94 0.89 -2.18	20.29 0.83 -2.12	20.11 0.85 -1.49	22.43 1.01 -0.80	24.40 1.02 -2.58	26.48 1.16 -4.51	26.62 1.19 -4.58	28.05 1.09 -6.07	27.07 1.27 -3.42	28.35 1.04 -6.45	28.94 1.08 -6.99	30.84 1.10 -9.31	30.35 1.01 -8.80	30.07 1.02 -9.48	36.80 0.93 -16.84	39.63 1.07 -17.59	36.47 1.07 -14.40	33.66 1.28 -10.64	30.12 1.40 -4.98	26.63 1.61 -1.74	24.89 1.40 -2.57	23.07 1.13 -1.43
MONTAUK___DIESEL 23721	29.28 3.71 -2.53	27.19 3.33 -3.05	23.90 2.84 -3.19	23.05 2.72 -2.99	22.89 2.77 -2.35	27.45 3.26 -3.56	29.32 3.39 -5.12	31.52 3.79 -6.93	33.90 4.13 -8.92	38.40 4.22 -13.29	37.40 4.34 -10.69	36.93 4.00 -12.08	47.59 4.13 -22.58	51.60 4.06 -27.11	85.01 4.09 -60.38	86.36 3.91 -62.87	126.54 3.86 -103.66	126.86 4.28 -101.60	113.62 4.28 -88.33	73.57 4.37 -47.46	46.21 4.72 -17.75	37.59 4.59 -9.72	34.36 4.08 -9.37	29.99 3.59 -5.89
MOONROAD_115KV_HARTFLD_TB1-2 355988	23.34 0.16 -0.13	20.97 -0.06 -0.23	18.16 -0.14 -0.43	17.58 -0.17 -0.42	17.81 -0.25 -0.29	20.55 -0.23 -0.16	21.23 -0.08 -0.51	21.36 -0.33 -0.89	21.46 -0.31 -0.93	21.91 -0.21 -1.23	22.82 -0.25 -0.69	21.64 -0.52 -1.31	21.77 -0.48 -1.38	21.92 -0.33 -1.82	21.90 -0.37 -1.73	20.98 -0.45 -1.86	21.83 -0.46 -3.27	24.35 -0.04 -3.41	23.99 0.13 -2.86	24.16 0.26 -2.16	24.84 0.09 -1.01	24.03 0.40 -0.35	21.37 -0.06 -0.52	20.90 0.10 -0.29
MORTIMER_115KV_TB3 55949	23.18 0.05 -0.09	20.89 -0.08 -0.16	18.07 -0.11 -0.30	17.51 -0.12 -0.30	17.80 -0.18 -0.21	20.55 -0.19 -0.11	21.06 -0.10 -0.36	21.12 -0.31 -0.63	21.26 -0.25 -0.66	21.62 -0.15 -0.87	22.75 -0.11 -0.49	21.52 -0.25 -0.93	21.62 -0.23 -0.98	21.55 -0.16 -1.29	21.62 -0.14 -1.22	20.67 -0.22 -1.31	21.09 -0.25 -2.31	23.49 0.10 -2.41	23.17 0.15 -2.02	23.48 0.22 -1.53	24.48 0.02 -0.71	23.71 0.19 -0.25	21.20 -0.08 -0.37	20.74 0.02 -0.20
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	25.28 1.50 -0.74	23.46 1.35 -1.30	21.47 1.14 -2.45	20.79 1.06 -2.39	20.53 1.08 -1.67	22.80 1.28 -0.89	25.03 1.33 -2.89	27.60 1.73 -5.07	27.90 1.90 -5.15	29.66 1.94 -6.82	28.26 2.04 -3.85	30.03 1.92 -7.26	30.74 1.98 -7.89	32.90 1.96 -10.52	32.41 1.93 -9.94	32.18 1.90 -10.71	39.96 1.88 -19.05	42.88 2.01 -19.89	39.22 1.97 -16.24	35.69 1.98 -11.97	31.46 2.14 -5.58	27.33 2.10 -1.95	25.77 1.97 -2.89	23.65 1.54 -1.60
MUNSVILLE_WIND_PWR 323609	25.17 1.89 -0.24	22.68 1.46 -0.42	19.71 1.05 -0.79	19.13 1.02 -0.77	19.39 1.08 -0.54	22.25 1.34 -0.29	23.36 1.60 -0.95	24.08 1.60 -1.67	24.05 1.50 -1.70	24.58 1.44 -2.25	25.25 1.61 -1.27	24.58 1.34 -2.39	24.69 1.29 -2.52	24.84 1.08 -3.33	24.72 1.03 -3.16	24.00 1.04 -3.39	25.92 0.93 -5.96	28.51 1.30 -6.23	27.74 1.51 -5.23	27.33 1.65 -3.94	27.42 1.80 -1.87	25.76 1.70 -0.79	22.96 1.25 -0.80	22.06 1.11 -0.44
N SALMON___HYD 24042	22.65 -0.39 0.00	20.62 -0.19 0.00	17.64 -0.23 0.00	17.18 -0.16 0.00	17.61 -0.16 0.00	20.46 -0.17 0.00	20.68 -0.12 0.00	20.66 -0.14 0.00	20.66 -0.19 0.00	20.64 -0.25 0.00	22.06 -0.31 0.00	20.58 -0.27 0.00	20.47 -0.40 0.00	19.97 -0.45 0.00	20.07 -0.47 0.00	19.01 -0.57 0.00	18.57 -0.46 0.00	20.29 -0.69 0.00	20.31 -0.69 0.00	21.05 -0.70 0.00	22.98 -0.76 0.00	22.53 -0.75 0.00	20.35 -0.56 0.00	20.02 -0.49 0.00
N.AKRON__115KV_KNAPP 355671	22.99 -0.16 -0.11	20.69 -0.31 -0.19	17.93 -0.30 -0.36	17.34 -0.35 -0.35	17.61 -0.41 -0.24	20.32 -0.43 -0.13	20.84 -0.40 -0.42	20.84 -0.71 -0.74	21.00 -0.63 -0.78	21.42 -0.50 -1.03	22.49 -0.47 -0.58	21.32 -0.63 -1.10	21.42 -0.61 -1.16	21.38 -0.57 -1.53	21.42 -0.58 -1.45	20.47 -0.67 -1.56	21.08 -0.68 -2.74	23.61 -0.23 -2.86	23.28 -0.13 -2.40	23.51 -0.04 -1.81	24.30 -0.28 -0.84	23.60 0.02 -0.29	21.01 -0.33 -0.44	20.61 -0.14 -0.24
N.BELMOR_69_KV_BK1 55787	27.60 2.03 -2.53	25.69 1.83 -3.05	22.60 1.54 -3.19	21.76 1.44 -2.99	21.59 1.47 -2.35	25.94 1.75 -3.56	27.74 1.81 -5.12	29.81 2.08 -6.93	31.99 2.23 -8.91	32.40 2.28 -9.23	31.75 2.13 -7.10	31.76 2.28 -8.78	33.87 2.28 -10.73	33.80 2.25 -11.13	37.31 2.24 -14.53	37.47 2.21 -15.68	40.60 2.21 -19.37	43.38 2.39 -20.02	39.72 2.41 -16.31	36.27 2.41 -12.11	40.04 2.61 -13.68	33.10 2.58 -7.24	32.66 2.38 -9.36	28.41 2.01 -5.89

N.E_GEN_SANDY PD 24062	25.00 1.11 -0.85	23.30 1.00 -1.49	21.57 0.88 -2.82	20.94 0.85 -2.75	20.56 0.87 -1.92	22.64 0.99 -1.03	25.12 0.98 -3.33	27.68 1.04 -5.84	27.96 1.13 -5.99	29.95 1.13 -7.93	28.05 1.21 -4.47	30.39 1.10 -8.44	29.00 1.11 -7.02	30.00 1.08 -8.50	29.94 1.09 -8.31	29.25 1.04 -8.64	33.42 0.99 -13.41	36.10 1.13 -13.99	37.67 1.15 -15.52	36.83 1.17 -13.91	31.56 1.26 -6.56	26.83 1.26 -2.29	25.46 1.15 -3.39	23.40 1.00 -1.88
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	25.06 1.31 -0.70	23.23 1.19 -1.24	21.21 1.00 -2.34	20.56 0.94 -2.28	20.33 0.96 -1.60	22.61 1.13 -0.85	24.75 1.19 -2.76	27.12 1.48 -4.83	27.37 1.61 -4.92	29.06 1.65 -6.51	27.79 1.75 -3.67	29.43 1.65 -6.93	30.10 1.71 -7.52	32.14 1.70 -10.02	31.69 1.68 -9.47	31.42 1.64 -10.20	38.84 1.67 -18.14	41.74 1.82 -18.94	38.27 1.78 -15.49	34.95 1.78 -11.42	30.99 1.92 -5.33	27.00 1.86 -1.86	25.36 1.69 -2.75	23.37 1.33 -1.53
N.QUEENS_27_KV_LOAD 356247	25.52 1.73 -0.75	23.67 1.56 -1.31	21.61 1.29 -2.45	20.92 1.20 -2.39	20.65 1.21 -1.67	22.86 1.34 -0.89	25.03 1.33 -2.89	27.73 1.85 -5.07	27.96 1.96 -5.15	29.74 2.03 -6.82	28.30 2.08 -3.85	30.11 2.00 -7.26	30.89 2.13 -7.89	32.99 2.04 -10.53	32.46 1.97 -9.95	32.31 2.02 -10.72	40.12 2.04 -19.05	42.90 2.03 -19.89	39.22 1.97 -16.24	35.71 2.00 -11.97	31.68 2.35 -5.58	27.44 2.21 -1.95	25.98 2.17 -2.89	23.82 1.70 -1.60
N.TROY____115KV_TB1 355778	25.03 1.04 -0.95	23.39 0.92 -1.66	21.80 0.79 -3.14	21.18 0.78 -3.06	20.69 0.78 -2.14	22.68 0.91 -1.15	25.43 0.92 -3.71	28.28 0.98 -6.49	28.48 1.02 -6.61	28.43 1.02 -8.76	31.17 1.12 -4.94	31.33 1.00 -9.32	33.76 0.98 -9.48	33.28 0.96 -12.38	33.05 0.97 -11.78	33.05 0.88 -12.60	41.69 0.86 -21.81	44.76 1.01 -22.77	41.89 1.05 -19.84	38.22 1.11 -15.37	32.10 1.19 -7.17	26.97 1.19 -2.51	25.62 1.00 -3.71	23.41 0.84 -2.06
NARROWS_GT1_1 24228	25.57 1.77 -0.75	23.65 1.54 -1.30	21.63 1.30 -2.45	20.92 1.20 -2.39	20.65 1.21 -1.67	22.92 1.40 -0.89	25.08 1.37 -2.90	27.76 1.87 -5.08	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.11 2.16 -10.53	32.64 2.16 -9.95	32.40 2.11 -10.72	40.10 2.02 -19.05	43.01 2.14 -19.89	39.34 2.10 -16.24	35.75 2.04 -11.97	31.71 2.35 -5.62	27.57 2.33 -1.96	26.04 2.22 -2.91	23.85 1.72 -1.61
NARROWS_GT1_2 24229	25.57 1.77 -0.75	23.65 1.54 -1.30	21.63 1.30 -2.45	20.92 1.20 -2.39	20.65 1.21 -1.67	22.92 1.40 -0.89	25.08 1.37 -2.90	27.76 1.87 -5.08	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.11 2.16 -10.53	32.64 2.16 -9.95	32.40 2.11 -10.72	40.10 2.02 -19.05	43.01 2.14 -19.89	39.34 2.10 -16.24	35.75 2.04 -11.97	31.71 2.35 -5.62	27.57 2.33 -1.96	26.04 2.22 -2.91	23.85 1.72 -1.61
NARROWS_GT1_3 24230	25.57 1.77 -0.75	23.65 1.54 -1.30	21.63 1.30 -2.45	20.92 1.20 -2.39	20.65 1.21 -1.67	22.92 1.40 -0.89	25.08 1.37 -2.90	27.76 1.87 -5.08	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.11 2.16 -10.53	32.64 2.16 -9.95	32.40 2.11 -10.72	40.10 2.02 -19.05	43.01 2.14 -19.89	39.34 2.10 -16.24	35.75 2.04 -11.97	31.71 2.35 -5.62	27.57 2.33 -1.96	26.04 2.22 -2.91	23.85 1.72 -1.61
NARROWS_GT1_4 24231	25.57 1.77 -0.75	23.65 1.54 -1.30	21.63 1.30 -2.45	20.92 1.20 -2.39	20.65 1.21 -1.67	22.92 1.40 -0.89	25.08 1.37 -2.90	27.76 1.87 -5.08	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.11 2.16 -10.53	32.64 2.16 -9.95	32.40 2.11 -10.72	40.10 2.02 -19.05	43.01 2.14 -19.89	39.34 2.10 -16.24	35.75 2.04 -11.97	31.71 2.35 -5.62	27.57 2.33 -1.96	26.04 2.22 -2.91	23.85 1.72 -1.61
NARROWS_GT1_5 24232	25.57 1.77 -0.75	23.65 1.54 -1.30	21.63 1.30 -2.45	20.92 1.20 -2.39	20.65 1.21 -1.67	22.92 1.40 -0.89	25.08 1.37 -2.90	27.76 1.87 -5.08	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.11 2.16 -10.53	32.64 2.16 -9.95	32.40 2.11 -10.72	40.10 2.02 -19.05	43.01 2.14 -19.89	39.34 2.10 -16.24	35.75 2.04 -11.97	31.71 2.35 -5.62	27.57 2.33 -1.96	26.04 2.22 -2.91	23.85 1.72 -1.61
NARROWS_GT1_6 24233	25.57 1.77 -0.75	23.65 1.54 -1.30	21.63 1.30 -2.45	20.92 1.20 -2.39	20.65 1.21 -1.67	22.92 1.40 -0.89	25.08 1.37 -2.90	27.76 1.87 -5.08	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.11 2.16 -10.53	32.64 2.16 -9.95	32.40 2.11 -10.72	40.10 2.02 -19.05	43.01 2.14 -19.89	39.34 2.10 -16.24	35.75 2.04 -11.97	31.71 2.35 -5.62	27.57 2.33 -1.96	26.04 2.22 -2.91	23.85 1.72 -1.61
NARROWS_GT1_7 24234	25.57 1.77 -0.75	23.65 1.54 -1.30	21.63 1.30 -2.45	20.92 1.20 -2.39	20.65 1.21 -1.67	22.92 1.40 -0.89	25.08 1.37 -2.90	27.76 1.87 -5.08	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.11 2.16 -10.53	32.64 2.16 -9.95	32.40 2.11 -10.72	40.10 2.02 -19.05	43.01 2.14 -19.89	39.34 2.10 -16.24	35.75 2.04 -11.97	31.71 2.35 -5.62	27.57 2.33 -1.96	26.04 2.22 -2.91	23.85 1.72 -1.61
NARROWS_GT1_8 24235	25.57 1.77 -0.75	23.65 1.54 -1.30	21.63 1.30 -2.45	20.92 1.20 -2.39	20.65 1.21 -1.67	22.92 1.40 -0.89	25.08 1.37 -2.90	27.76 1.87 -5.08	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.11 2.16 -10.53	32.64 2.16 -9.95	32.40 2.11 -10.72	40.10 2.02 -19.05	43.01 2.14 -19.89	39.34 2.10 -16.24	35.75 2.04 -11.97	31.71 2.35 -5.62	27.57 2.33 -1.96	26.04 2.22 -2.91	23.85 1.72 -1.61
NARROWS_GT2_1 24236	25.57 1.77 -0.75	23.65 1.54 -1.30	21.63 1.30 -2.45	20.92 1.20 -2.39	20.65 1.21 -1.67	22.92 1.40 -0.89	25.08 1.37 -2.90	27.76 1.87 -5.08	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.11 2.16 -10.53	32.64 2.16 -9.95	32.40 2.11 -10.72	40.10 2.02 -19.05	43.01 2.14 -19.89	39.34 2.10 -16.24	35.75 2.04 -11.97	31.71 2.35 -5.62	27.57 2.33 -1.96	26.04 2.22 -2.91	23.85 1.72 -1.61
NARROWS_GT2_2 24237	25.57 1.77 -0.75	23.65 1.54 -1.30	21.63 1.30 -2.45	20.92 1.20 -2.39	20.65 1.21 -1.67	22.92 1.40 -0.89	25.08 1.37 -2.90	27.76 1.87 -5.08	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.11 2.16 -10.53	32.64 2.16 -9.95	32.40 2.11 -10.72	40.10 2.02 -19.05	43.01 2.14 -19.89	39.34 2.10 -16.24	35.75 2.04 -11.97	31.71 2.35 -5.62	27.57 2.33 -1.96	26.04 2.22 -2.91	23.85 1.72 -1.61
NARROWS_GT2_3 24238	25.57 1.77 -0.75	23.65 1.54 -1.30	21.63 1.30 -2.45	20.92 1.20 -2.39	20.65 1.21 -1.67	22.92 1.40 -0.89	25.08 1.37 -2.90	27.76 1.87 -5.08	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.11 2.16 -10.53	32.64 2.16 -9.95	32.40 2.11 -10.72	40.10 2.02 -19.05	43.01 2.14 -19.89	39.34 2.10 -16.24	35.75 2.04 -11.97	31.71 2.35 -5.62	27.57 2.33 -1.96	26.04 2.22 -2.91	23.85 1.72 -1.61

NARROWS_GT2_4 24239	25.57 1.77 -0.75	23.65 1.54 -1.30	21.63 1.30 -2.45	20.92 1.20 -2.39	20.65 1.21 -1.67	22.92 1.40 -0.89	25.08 1.37 -2.90	27.76 1.87 -5.08	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.11 2.16 -10.53	32.64 2.16 -9.95	32.40 2.11 -10.72	40.10 2.02 -19.05	43.01 2.14 -19.89	39.34 2.10 -16.24	35.75 2.04 -11.97	31.71 2.35 -5.62	27.57 2.33 -1.96	26.04 2.22 -2.91	23.85 1.72 -1.61
NARROWS_GT2_5 24240	25.57 1.77 -0.75	23.65 1.54 -1.30	21.63 1.30 -2.45	20.92 1.20 -2.39	20.65 1.21 -1.67	22.92 1.40 -0.89	25.08 1.37 -2.90	27.76 1.87 -5.08	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.11 2.16 -10.53	32.64 2.16 -9.95	32.40 2.11 -10.72	40.10 2.02 -19.05	43.01 2.14 -19.89	39.34 2.10 -16.24	35.75 2.04 -11.97	31.71 2.35 -5.62	27.57 2.33 -1.96	26.04 2.22 -2.91	23.85 1.72 -1.61
NARROWS_GT2_6 24241	25.57 1.77 -0.75	23.65 1.54 -1.30	21.63 1.30 -2.45	20.92 1.20 -2.39	20.65 1.21 -1.67	22.92 1.40 -0.89	25.08 1.37 -2.90	27.76 1.87 -5.08	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.11 2.16 -10.53	32.64 2.16 -9.95	32.40 2.11 -10.72	40.10 2.02 -19.05	43.01 2.14 -19.89	39.34 2.10 -16.24	35.75 2.04 -11.97	31.71 2.35 -5.62	27.57 2.33 -1.96	26.04 2.22 -2.91	23.85 1.72 -1.61
NARROWS_GT2_7 24242	25.57 1.77 -0.75	23.65 1.54 -1.30	21.63 1.30 -2.45	20.92 1.20 -2.39	20.65 1.21 -1.67	22.92 1.40 -0.89	25.08 1.37 -2.90	27.76 1.87 -5.08	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.11 2.16 -10.53	32.64 2.16 -9.95	32.40 2.11 -10.72	40.10 2.02 -19.05	43.01 2.14 -19.89	39.34 2.10 -16.24	35.75 2.04 -11.97	31.71 2.35 -5.62	27.57 2.33 -1.96	26.04 2.22 -2.91	23.85 1.72 -1.61
NARROWS_GT2_8 24243	25.57 1.77 -0.75	23.65 1.54 -1.30	21.63 1.30 -2.45	20.92 1.20 -2.39	20.65 1.21 -1.67	22.92 1.40 -0.89	25.08 1.37 -2.90	27.76 1.87 -5.08	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.11 2.16 -10.53	32.64 2.16 -9.95	32.40 2.11 -10.72	40.10 2.02 -19.05	43.01 2.14 -19.89	39.34 2.10 -16.24	35.75 2.04 -11.97	31.71 2.35 -5.62	27.57 2.33 -1.96	26.04 2.22 -2.91	23.85 1.72 -1.61
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	25.01 1.08 -0.88	23.29 0.94 -1.55	21.58 0.79 -2.92	20.96 0.78 -2.84	20.56 0.80 -1.99	22.64 0.95 -1.07	25.25 1.00 -3.44	27.80 0.96 -6.03	27.85 0.85 -6.14	29.87 0.84 -8.14	27.83 0.87 -4.59	30.24 0.73 -8.66	30.59 0.71 -9.01	33.02 0.74 -11.86	32.57 0.78 -11.25	32.33 0.69 -12.07	40.87 0.74 -21.10	43.98 0.96 -22.04	40.80 1.05 -18.75	37.17 1.15 -14.28	31.66 1.26 -6.66	26.84 1.23 -2.33	25.27 0.92 -3.44	23.20 0.78 -1.91
NCHELSEA_115KV_TR2 355582	25.28 1.50 -0.74	23.46 1.35 -1.30	21.45 1.13 -2.45	20.81 1.08 -2.39	20.53 1.08 -1.67	22.80 1.28 -0.90	25.02 1.31 -2.90	27.42 1.54 -5.08	27.60 1.61 -5.15	29.37 1.65 -6.82	27.99 1.77 -3.85	29.78 1.67 -7.26	30.41 1.71 -7.83	32.54 1.70 -10.42	32.10 1.70 -9.85	31.85 1.66 -10.61	39.54 1.69 -18.82	42.50 1.87 -19.66	39.00 1.85 -16.15	35.53 1.83 -11.97	31.31 1.97 -5.60	27.14 1.91 -1.96	25.52 1.71 -2.89	23.51 1.39 -1.61
NEG CAPITAL___MECHNVIL 23645	25.31 1.31 -0.95	23.61 1.12 -1.68	21.99 0.95 -3.17	21.35 0.92 -3.09	20.89 0.96 -2.16	22.90 1.11 -1.16	25.72 1.16 -3.75	28.60 1.23 -6.56	28.82 1.29 -6.67	31.01 1.27 -8.84	28.77 1.41 -4.99	31.53 1.27 -9.41	31.71 1.23 -9.61	34.20 1.20 -12.57	33.71 1.21 -11.96	33.50 1.13 -12.80	42.31 1.08 -22.20	45.44 1.28 -23.18	42.44 1.35 -20.09	38.67 1.41 -15.51	32.71 1.52 -7.44	27.37 1.49 -2.60	25.97 1.21 -3.85	23.71 1.07 -2.14
NEG CENTRAL_HIGH_ACRES 23767	22.90 -0.23 -0.09	20.50 -0.46 -0.15	17.82 -0.34 -0.29	17.26 -0.36 -0.28	17.58 -0.39 -0.20	20.32 -0.41 -0.11	20.88 -0.29 -0.36	20.96 -0.48 -0.63	21.07 -0.42 -0.64	21.42 -0.31 -0.84	22.56 -0.29 -0.48	21.35 -0.40 -0.90	21.42 -0.40 -0.95	21.33 -0.35 -1.25	21.40 -0.33 -1.19	20.57 -0.27 -1.28	20.85 -0.42 -2.24	23.21 -0.10 -2.34	22.88 -0.08 -1.97	23.16 -0.07 -1.48	24.23 -0.33 -0.82	23.41 -0.23 -0.36	20.80 -0.44 -0.33	20.30 -0.39 -0.18
NEG CENTRAL___DRP 24199	23.35 0.21 -0.10	21.06 0.08 -0.17	18.19 0.00 -0.32	17.62 -0.03 -0.31	17.95 -0.04 -0.22	20.74 0.00 -0.12	21.52 0.33 -0.38	21.74 0.27 -0.66	21.82 0.27 -0.70	22.16 0.33 -0.93	23.37 0.47 -0.52	22.15 0.31 -0.99	22.23 0.31 -1.04	22.08 0.29 -1.38	22.17 0.33 -1.30	21.21 0.23 -1.40	21.70 0.21 -2.46	24.07 0.52 -2.57	23.75 0.59 -2.16	24.00 0.63 -1.63	25.27 0.26 -1.26	24.16 0.23 -0.64	21.35 0.04 -0.39	20.81 0.08 -0.22
NEG CENTRAL___INDECK 23768	24.03 0.85 -0.13	21.45 0.42 -0.22	18.74 0.45 -0.42	18.13 0.38 -0.41	18.41 0.36 -0.29	21.25 0.47 -0.15	21.80 0.48 -0.51	21.73 0.02 -0.90	21.70 -0.06 -0.91	22.02 -0.08 -1.21	23.01 -0.04 -0.68	22.01 -0.12 -1.29	22.09 -0.15 -1.36	22.03 -0.18 -1.80	22.06 -0.19 -1.70	21.30 -0.10 -1.83	22.01 -0.23 -3.21	24.63 0.29 -3.36	24.34 0.53 -2.82	24.58 0.72 -2.12	25.34 0.69 -0.91	24.43 0.84 -0.32	21.86 0.48 -0.47	21.20 0.43 -0.26
NEG CENTRAL___SENECA 23627	23.40 0.25 -0.11	21.10 0.10 -0.19	18.23 0.00 -0.35	17.65 -0.03 -0.34	17.98 -0.04 -0.24	20.75 0.00 -0.13	21.45 0.23 -0.42	21.68 0.15 -0.73	21.76 0.15 -0.77	22.14 0.23 -1.02	23.28 0.34 -0.57	22.10 0.17 -1.08	22.20 0.19 -1.14	22.12 0.18 -1.51	22.18 0.21 -1.43	21.21 0.10 -1.54	21.81 0.08 -2.71	24.24 0.44 -2.83	23.88 0.50 -2.37	24.09 0.57 -1.79	25.19 0.36 -1.09	24.14 0.37 -0.48	21.43 0.08 -0.43	20.85 0.10 -0.24
NEG CENTRAL___STATE_STREET 24147	23.62 0.48 -0.09	21.33 0.35 -0.17	18.38 0.20 -0.31	17.82 0.17 -0.31	18.18 0.20 -0.21	20.99 0.25 -0.11	21.84 0.67 -0.37	22.10 0.65 -0.65	22.19 0.65 -0.69	22.54 0.73 -0.92	23.65 0.76 -0.52	22.41 0.58 -0.98	22.48 0.58 -1.03	22.46 0.67 -1.36	22.55 0.72 -1.29	21.56 0.61 -1.38	22.01 0.55 -2.43	24.40 0.88 -2.54	24.06 0.92 -2.13	24.31 0.96 -1.61	25.69 0.47 -1.47	24.50 0.42 -0.80	21.55 0.25 -0.39	21.01 0.29 -0.21
NEG MILLWOOD___DRP 24198	25.31 1.52 -0.75	23.50 1.37 -1.32	21.52 1.16 -2.48	20.87 1.11 -2.42	20.55 1.08 -1.70	22.83 1.30 -0.91	25.12 1.37 -2.93	27.69 1.75 -5.14	27.93 1.86 -5.22	29.73 1.92 -6.92	28.33 2.06 -3.90	30.23 2.02 -7.36	30.92 2.09 -7.96	33.09 2.06 -10.61	32.61 2.05 -10.02	32.36 2.00 -10.79	40.19 2.00 -19.17	43.22 2.22 -20.02	39.62 2.20 -16.41	35.94 2.07 -12.13	31.64 2.23 -5.67	27.42 2.16 -1.98	25.74 1.90 -2.93	23.61 1.48 -1.63
NEG NORTH_FLCN_SEA 23793	22.95 -0.09 0.00	20.83 0.02 0.00	17.93 0.05 0.00	17.44 0.10 0.00	17.88 0.11 0.00	20.75 0.12 0.00	20.93 0.12 0.00	20.93 0.12 0.00	20.93 0.08 0.00	20.91 0.02 0.00	22.33 -0.04 0.00	20.79 -0.06 0.00	20.70 -0.17 0.00	20.22 -0.20 0.00	20.31 -0.23 0.00	19.30 -0.27 0.00	18.76 -0.27 0.00	20.54 -0.44 0.00	20.54 -0.46 0.00	21.26 -0.48 0.00	23.22 -0.52 0.00	22.77 -0.51 0.00	20.58 -0.33 0.00	20.27 -0.25 0.00

NEG NORTH_KES_CHATEGAY 23792	22.70 -0.35 0.00	20.60 -0.21 0.00	17.73 -0.14 0.00	17.25 -0.09 0.00	17.68 -0.09 0.00	20.54 -0.08 0.00	20.70 -0.10 0.00	20.68 -0.12 0.00	20.68 -0.17 0.00	20.66 -0.23 0.00	22.06 -0.31 0.00	20.56 -0.29 0.00	20.48 -0.40 0.00	20.01 -0.41 0.00	20.11 -0.43 0.00	19.10 -0.47 0.00	18.57 -0.46 0.00	20.31 -0.67 0.00	20.33 -0.67 0.00	21.05 -0.70 0.00	22.98 -0.76 0.00	22.56 -0.72 0.00	20.39 -0.52 0.00	20.08 -0.43 0.00
NEG NORTH___ALICE_FALLS 23915	22.93 -0.12 0.00	20.81 0.00 0.00	17.89 0.02 0.00	17.43 0.09 0.00	17.84 0.07 0.00	20.73 0.10 0.00	20.91 0.10 0.00	20.89 0.08 0.00	20.91 0.06 0.00	20.89 0.00 0.00	22.31 -0.07 0.00	20.77 -0.08 0.00	20.66 -0.21 0.00	20.18 -0.25 0.00	20.27 -0.27 0.00	19.26 -0.31 0.00	18.74 -0.29 0.00	20.52 -0.46 0.00	20.54 -0.46 0.00	21.26 -0.48 0.00	23.20 -0.55 0.00	22.74 -0.54 0.00	20.58 -0.33 0.00	20.25 -0.27 0.00
NEG NORTH___LWR_SARANAC 23913	22.93 -0.12 0.00	20.81 0.00 0.00	17.89 0.02 0.00	17.43 0.09 0.00	17.84 0.07 0.00	20.73 0.10 0.00	20.91 0.10 0.00	20.89 0.08 0.00	20.91 0.06 0.00	20.89 0.00 0.00	22.31 -0.07 0.00	20.77 -0.08 0.00	20.66 -0.21 0.00	20.18 -0.25 0.00	20.27 -0.27 0.00	19.26 -0.31 0.00	18.74 -0.29 0.00	20.52 -0.46 0.00	20.54 -0.46 0.00	21.26 -0.48 0.00	23.20 -0.55 0.00	22.74 -0.54 0.00	20.58 -0.33 0.00	20.25 -0.27 0.00
NEG NORTH___PLATTSBURG 23628	22.95 -0.09 0.00	20.89 0.08 0.00	17.89 0.02 0.00	17.43 0.09 0.00	17.84 0.07 0.00	20.75 0.12 0.00	20.95 0.15 0.00	20.91 0.10 0.00	20.91 0.06 0.00	20.89 0.00 0.00	22.31 -0.07 0.00	20.77 -0.08 0.00	20.66 -0.21 0.00	20.18 -0.24 0.00	20.27 -0.27 0.00	19.20 -0.37 0.00	18.74 -0.28 0.00	20.52 -0.46 0.00	20.52 -0.48 0.00	21.26 -0.48 0.00	23.20 -0.55 0.00	22.74 -0.53 0.00	20.58 -0.34 0.00	20.24 -0.27 0.00
NEG WEST_LEA_LOCKPORT 23791	22.60 -0.55 -0.11	20.34 -0.67 -0.20	17.64 -0.61 -0.37	17.08 -0.62 -0.36	17.31 -0.71 -0.25	19.96 -0.80 -0.14	20.48 -0.77 -0.44	20.43 -1.14 -0.77	20.63 -1.02 -0.80	21.06 -0.90 -1.07	22.06 -0.92 -0.60	20.92 -1.06 -1.13	21.02 -1.04 -1.20	21.06 -0.94 -1.58	21.09 -0.94 -1.50	20.16 -1.02 -1.61	20.79 -1.07 -2.83	23.30 -0.63 -2.95	22.93 -0.55 -2.48	23.11 -0.50 -1.87	23.85 -0.76 -0.87	23.19 -0.40 -0.30	20.65 -0.71 -0.45	20.29 -0.47 -0.25
NEG WEST___LANCASTR 23811	22.12 -1.06 -0.13	19.91 -1.12 -0.23	17.27 -1.04 -0.43	16.74 -1.02 -0.42	16.95 -1.12 -0.30	19.52 -1.26 -0.16	20.15 -1.17 -0.51	20.31 -1.39 -0.89	20.52 -1.27 -0.94	20.99 -1.15 -1.24	21.87 -1.21 -0.70	20.86 -1.31 -1.32	20.99 -1.27 -1.39	21.14 -1.12 -1.84	21.16 -1.13 -1.75	20.26 -1.19 -1.88	21.14 -1.18 -3.30	23.54 -0.88 -3.44	23.12 -0.78 -2.89	23.18 -0.74 -2.18	23.76 -1.00 -1.02	22.91 -0.72 -0.36	20.43 -1.00 -0.53	19.90 -0.90 -0.29
NEG_PENN_ALLEGHNY 23528	23.60 0.32 -0.23	21.34 0.13 -0.41	18.76 0.11 -0.78	18.16 0.07 -0.76	18.37 0.07 -0.53	21.03 0.12 -0.28	21.92 0.17 -0.94	22.59 0.13 -1.65	22.71 0.19 -1.68	23.37 0.25 -2.22	23.94 0.31 -1.25	23.40 0.19 -2.36	23.57 0.21 -2.49	23.96 0.25 -3.30	23.91 0.25 -3.12	23.16 0.24 -3.36	25.10 0.17 -5.90	27.49 0.36 -6.16	26.57 0.40 -5.17	26.07 0.43 -3.90	26.08 0.38 -1.96	24.48 0.40 -0.81	21.98 0.21 -0.86	21.15 0.16 -0.47
NEG___GEN_MONROE 24207	23.23 0.09 -0.09	20.95 -0.02 -0.16	18.11 -0.07 -0.31	17.55 -0.09 -0.30	17.84 -0.14 -0.21	20.63 -0.10 -0.11	21.13 -0.04 -0.36	21.17 -0.27 -0.63	21.26 -0.25 -0.66	21.62 -0.15 -0.88	22.82 -0.04 -0.50	21.58 -0.21 -0.93	21.69 -0.17 -0.99	21.52 -0.20 -1.30	21.59 -0.18 -1.23	20.64 -0.25 -1.33	21.03 -0.32 -2.33	23.47 0.06 -2.43	23.17 0.13 -2.04	23.48 0.20 -1.54	24.46 0.00 -0.72	23.76 0.23 -0.25	21.22 -0.06 -0.37	20.84 0.12 -0.21
NEPA___ENERGY 23901	22.88 -0.30 -0.13	20.60 -0.44 -0.23	17.88 -0.43 -0.44	17.31 -0.45 -0.42	17.53 -0.53 -0.30	20.21 -0.58 -0.16	20.86 -0.46 -0.51	21.00 -0.71 -0.90	21.21 -0.58 -0.94	21.68 -0.46 -1.25	22.56 -0.51 -0.71	21.49 -0.69 -1.33	21.63 -0.65 -1.40	21.81 -0.47 -1.86	21.83 -0.47 -1.76	20.90 -0.57 -1.89	21.78 -0.57 -3.32	24.24 -0.21 -3.47	23.81 -0.10 -2.91	23.92 -0.02 -2.20	24.53 -0.24 -1.02	23.68 0.05 -0.36	21.11 -0.33 -0.53	20.58 -0.23 -0.29
NEVERSINK___HYD 23608	25.09 1.41 -0.64	23.16 1.23 -1.12	21.01 1.02 -2.11	20.35 0.95 -2.06	20.19 0.98 -1.44	22.57 1.18 -0.77	24.52 1.21 -2.50	26.56 1.37 -4.38	26.70 1.40 -4.45	28.21 1.42 -5.90	27.29 1.59 -3.33	28.61 1.48 -6.28	29.15 1.54 -6.73	30.83 1.47 -8.94	30.48 1.48 -8.46	30.16 1.49 -9.10	36.67 1.54 -16.11	39.52 1.72 -16.82	36.60 1.70 -13.91	33.81 1.72 -10.35	30.44 1.85 -4.84	26.76 1.79 -1.69	25.00 1.59 -2.50	23.19 1.29 -1.39
NEWKRMKL_115KV_TB1 55635	24.67 0.69 -0.94	23.04 0.58 -1.65	21.49 0.50 -3.11	20.88 0.50 -3.04	20.39 0.50 -2.12	22.34 0.58 -1.14	25.09 0.60 -3.68	27.93 0.69 -6.44	28.16 0.75 -6.56	30.36 0.77 -8.69	28.12 0.85 -4.90	30.85 0.75 -9.25	31.12 0.75 -9.50	33.59 0.71 -12.45	33.09 0.72 -11.83	32.91 0.67 -12.67	41.70 0.65 -22.03	44.74 0.76 -23.01	41.61 0.78 -19.83	37.79 0.80 -15.24	31.73 0.88 -7.11	26.63 0.86 -2.49	25.30 0.71 -3.68	23.09 0.53 -2.04
NEWTON___FALLS_HYD 23847	22.42 -0.65 -0.02	20.26 -0.58 -0.04	17.35 -0.59 -0.07	16.85 -0.55 -0.07	17.34 -0.48 -0.05	20.03 -0.62 -0.03	20.37 -0.52 -0.08	20.43 -0.52 -0.14	20.36 -0.63 -0.13	20.40 -0.67 -0.18	21.73 -0.74 -0.10	20.37 -0.67 -0.19	20.38 -0.69 -0.20	19.91 -0.78 -0.26	19.99 -0.80 -0.25	19.07 -0.76 -0.26	18.75 -0.74 -0.47	20.60 -0.86 -0.49	20.61 -0.80 -0.41	21.27 -0.78 -0.31	23.37 -0.81 -0.43	22.73 -0.81 -0.26	20.24 -0.75 -0.08	19.82 -0.74 -0.05
NGRID_A1_DSASP 323792	22.56 -0.60 -0.11	20.09 -0.92 -0.20	17.64 -0.61 -0.38	17.05 -0.66 -0.37	17.28 -0.75 -0.26	19.96 -0.80 -0.14	20.35 -0.92 -0.46	20.14 -1.48 -0.81	20.36 -1.31 -0.82	20.81 -1.17 -1.09	21.73 -1.25 -0.61	20.65 -1.35 -1.15	20.75 -1.34 -1.22	20.83 -1.20 -1.61	20.85 -1.21 -1.53	20.17 -1.04 -1.64	20.57 -1.33 -2.88	23.04 -0.94 -3.01	22.68 -0.84 -2.53	22.82 -0.83 -1.90	23.44 -1.12 -0.82	22.84 -0.72 -0.29	20.33 -1.00 -0.42	19.95 -0.80 -0.23
NGRID_A2_DSASP 323793	22.56 -0.60 -0.11	20.09 -0.92 -0.20	17.64 -0.61 -0.38	17.05 -0.66 -0.37	17.28 -0.75 -0.26	19.96 -0.80 -0.14	20.35 -0.92 -0.46	20.14 -1.48 -0.81	20.36 -1.31 -0.82	20.81 -1.17 -1.09	21.73 -1.25 -0.61	20.65 -1.35 -1.15	20.75 -1.34 -1.22	20.83 -1.20 -1.61	20.85 -1.21 -1.53	20.17 -1.04 -1.64	20.57 -1.33 -2.88	23.04 -0.94 -3.01	22.68 -0.84 -2.53	22.82 -0.83 -1.90	23.44 -1.12 -0.82	22.84 -0.72 -0.29	20.33 -1.00 -0.42	19.95 -0.80 -0.23
NGRID_A4_DSASP 323807	22.35 -0.81 -0.11	20.13 -0.87 -0.20	17.50 -0.75 -0.38	16.93 -0.78 -0.37	17.16 -0.87 -0.26	19.75 -1.01 -0.14	20.21 -1.04 -0.45	20.13 -1.46 -0.78	20.35 -1.31 -0.82	20.81 -1.17 -1.09	21.73 -1.25 -0.61	20.65 -1.36 -1.15	20.75 -1.34 -1.22	20.83 -1.20 -1.61	20.85 -1.21 -1.53	19.96 -1.25 -1.64	20.57 -1.33 -2.88	23.04 -0.94 -3.01	22.66 -0.86 -2.53	22.82 -0.83 -1.90	23.51 -1.12 -0.89	22.87 -0.72 -0.31	20.37 -1.00 -0.46	20.05 -0.72 -0.25

NIAGARA_115E_LBMP 323715	22.42 -0.74 -0.11	19.95 -1.06 -0.20	17.50 -0.75 -0.38	16.91 -0.80 -0.37	17.14 -0.89 -0.26	19.79 -0.97 -0.14	20.27 -1.00 -0.46	20.08 -1.54 -0.81	20.27 -1.40 -0.82	20.73 -1.25 -1.09	21.64 -1.34 -0.61	20.57 -1.44 -1.16	20.67 -1.42 -1.22	20.71 -1.33 -1.61	20.73 -1.33 -1.53	20.06 -1.15 -1.64	20.50 -1.41 -2.89	22.96 -1.03 -3.01	22.59 -0.94 -2.53	22.74 -0.91 -1.91	23.37 -1.19 -0.82	22.75 -0.82 -0.29	20.25 -1.09 -0.42	19.84 -0.90 -0.23
NIAGARA_115W_LBMP 323714	22.51 -0.65 -0.11	20.05 -0.96 -0.20	17.61 -0.64 -0.38	17.01 -0.69 -0.37	17.26 -0.76 -0.26	19.92 -0.85 -0.14	20.31 -0.96 -0.46	20.10 -1.52 -0.81	20.31 -1.35 -0.82	20.76 -1.21 -1.08	21.69 -1.30 -0.61	20.61 -1.40 -1.15	20.71 -1.38 -1.22	20.78 -1.25 -1.61	20.81 -1.25 -1.52	20.13 -1.08 -1.64	20.53 -1.37 -2.88	23.00 -0.99 -3.00	22.62 -0.90 -2.52	22.77 -0.87 -1.90	23.39 -1.16 -0.81	22.80 -0.77 -0.28	20.29 -1.05 -0.42	19.90 -0.84 -0.23
NIAGARA_230_LBMP 323716	22.65 -0.51 -0.11	20.15 -0.85 -0.20	17.67 -0.57 -0.37	17.08 -0.62 -0.36	17.33 -0.69 -0.25	20.00 -0.76 -0.14	20.45 -0.81 -0.45	20.25 -1.35 -0.80	20.47 -1.19 -0.81	20.90 -1.06 -1.07	21.86 -1.12 -0.60	20.76 -1.23 -1.14	20.86 -1.21 -1.20	20.93 -1.08 -1.59	20.96 -1.09 -1.50	20.27 -0.92 -1.62	20.67 -1.20 -2.84	23.17 -0.78 -2.97	22.80 -0.69 -2.49	22.94 -0.67 -1.88	23.57 -0.97 -0.81	22.95 -0.61 -0.28	20.45 -0.88 -0.42	20.05 -0.70 -0.23
NIAGARA__115KV_198_GIBSON 55903	22.31 -0.85 -0.11	20.09 -0.92 -0.20	17.46 -0.79 -0.38	16.91 -0.80 -0.37	17.12 -0.91 -0.26	19.71 -1.05 -0.14	20.17 -1.08 -0.45	20.09 -1.50 -0.78	20.31 -1.36 -0.82	20.76 -1.21 -1.08	21.69 -1.30 -0.61	20.61 -1.40 -1.15	20.71 -1.38 -1.22	20.78 -1.25 -1.61	20.81 -1.25 -1.52	19.92 -1.29 -1.64	20.53 -1.37 -2.88	22.99 -0.99 -3.00	22.62 -0.90 -2.52	22.77 -0.87 -1.90	23.46 -1.16 -0.89	22.82 -0.77 -0.31	20.33 -1.05 -0.46	20.01 -0.76 -0.25
NIAGARA____ 23760	22.65 -0.51 -0.11	20.15 -0.85 -0.20	17.68 -0.57 -0.38	17.08 -0.62 -0.37	17.34 -0.69 -0.26	20.00 -0.76 -0.14	20.46 -0.81 -0.46	20.26 -1.35 -0.80	20.48 -1.19 -0.81	20.91 -1.06 -1.08	21.86 -1.12 -0.61	20.77 -1.23 -1.15	20.87 -1.21 -1.21	20.94 -1.08 -1.60	20.97 -1.09 -1.52	20.28 -0.92 -1.63	20.69 -1.20 -2.87	23.19 -0.78 -2.99	22.82 -0.69 -2.51	22.96 -0.67 -1.89	23.58 -0.97 -0.81	22.96 -0.61 -0.28	20.46 -0.88 -0.42	20.05 -0.70 -0.23
NINE_MILE_1 23575	22.54 -0.55 -0.05	20.31 -0.58 -0.08	17.56 -0.46 -0.15	17.02 -0.47 -0.15	17.40 -0.48 -0.11	20.13 -0.56 -0.06	20.37 -0.60 -0.17	20.40 -0.71 -0.30	20.44 -0.71 -0.30	20.60 -0.69 -0.40	21.88 -0.72 -0.22	20.58 -0.69 -0.42	20.63 -0.69 -0.45	20.34 -0.67 -0.59	20.42 -0.68 -0.56	19.53 -0.65 -0.60	19.43 -0.65 -1.06	21.45 -0.63 -1.10	21.32 -0.61 -0.93	21.81 -0.63 -0.70	18.98 -0.66 4.10	19.42 -0.65 3.20	20.44 -0.65 -0.17	20.10 -0.51 -0.10
NINE_MILE_2 23744	22.54 -0.55 -0.05	20.31 -0.58 -0.08	17.56 -0.46 -0.15	17.02 -0.47 -0.15	17.40 -0.48 -0.11	20.13 -0.56 -0.06	20.37 -0.60 -0.17	20.39 -0.71 -0.29	20.44 -0.71 -0.30	20.60 -0.69 -0.40	21.88 -0.72 -0.22	20.58 -0.69 -0.42	20.63 -0.69 -0.44	20.34 -0.67 -0.59	20.42 -0.68 -0.56	19.53 -0.65 -0.60	19.43 -0.65 -1.05	21.45 -0.63 -1.10	21.31 -0.61 -0.92	21.81 -0.63 -0.69	18.91 -0.66 4.17	19.37 -0.65 3.25	20.46 -0.63 -0.17	20.10 -0.51 -0.10
NM_CAPITAL____DRP 24208	24.74 0.76 -0.94	23.10 0.65 -1.65	21.55 0.57 -3.11	20.92 0.55 -3.03	20.46 0.57 -2.12	22.40 0.64 -1.13	25.14 0.67 -3.67	27.96 0.73 -6.42	28.18 0.79 -6.54	30.38 0.81 -8.67	28.16 0.89 -4.89	30.87 0.79 -9.22	31.09 0.77 -9.45	33.55 0.76 -12.38	33.07 0.76 -11.76	32.87 0.70 -12.60	41.57 0.67 -21.88	44.62 0.80 -22.85	41.56 0.82 -19.74	37.80 0.85 -15.21	31.76 0.93 -7.09	26.67 0.91 -2.48	25.35 0.77 -3.67	23.14 0.59 -2.03
NM_CENTRAL____DRP 24181	23.09 -0.02 -0.07	20.82 -0.10 -0.12	17.97 -0.13 -0.22	17.41 -0.14 -0.21	17.76 -0.16 -0.15	20.54 -0.16 -0.08	21.00 -0.06 -0.26	21.12 -0.15 -0.45	21.21 -0.13 -0.49	21.46 -0.08 -0.65	22.72 -0.02 -0.37	21.46 -0.08 -0.69	21.52 -0.08 -0.73	21.30 -0.08 -0.96	21.39 -0.06 -0.91	20.45 -0.10 -0.98	20.63 -0.11 -1.72	22.79 0.02 -1.80	22.53 0.02 -1.51	22.90 0.02 -1.14	24.61 -0.09 -0.96	23.69 -0.09 -0.51	21.02 -0.17 -0.27	20.58 -0.08 -0.15
NM_FRONTIER____DRP 24179	22.31 -0.85 -0.11	20.09 -0.92 -0.20	17.46 -0.79 -0.38	16.91 -0.80 -0.37	17.12 -0.91 -0.26	19.71 -1.05 -0.14	20.17 -1.08 -0.45	20.09 -1.50 -0.78	20.31 -1.36 -0.82	20.76 -1.21 -1.08	21.69 -1.30 -0.61	20.61 -1.40 -1.15	20.71 -1.38 -1.22	20.78 -1.25 -1.61	20.81 -1.25 -1.52	19.92 -1.29 -1.64	20.53 -1.37 -2.88	22.99 -0.99 -3.00	22.62 -0.90 -2.52	22.77 -0.87 -1.90	23.46 -1.16 -0.89	22.82 -0.77 -0.31	20.33 -1.05 -0.46	20.01 -0.76 -0.25
NM_ST_REGIS____HYD 24053	22.10 -0.94 0.00	20.04 -0.77 0.00	17.19 -0.68 0.00	16.73 -0.61 0.00	17.22 -0.55 0.00	19.90 -0.72 0.00	20.10 -0.71 0.00	20.12 -0.69 0.00	20.10 -0.75 0.00	20.10 -0.79 0.00	21.52 -0.85 0.00	20.10 -0.75 0.00	20.04 -0.83 0.00	19.52 -0.90 0.00	19.62 -0.92 0.00	18.77 -0.80 0.00	18.25 -0.78 0.00	19.87 -1.11 0.00	19.91 -1.09 0.00	20.61 -1.13 0.00	22.66 -1.21 -0.13	22.16 -1.21 -0.10	19.93 -0.98 0.00	19.57 -0.94 0.00
NORTHPORT____1 23551	27.65 2.07 -2.53	25.69 1.83 -3.05	22.64 1.57 -3.19	21.83 1.51 -2.99	21.64 1.53 -2.35	26.00 1.82 -3.56	27.79 1.85 -5.13	29.89 2.14 -6.94	32.12 2.36 -8.91	32.62 2.38 -9.35	31.83 2.26 -7.20	31.83 2.04 -8.94	32.76 2.07 -9.82	32.82 1.98 -10.42	32.96 1.95 -10.47	32.97 1.90 -11.50	32.81 1.88 -11.90	35.78 2.01 -12.78	33.45 1.95 -10.49	33.61 2.04 -9.83	39.94 2.37 -13.83	33.11 2.47 -7.36	32.68 2.38 -9.38	28.42 2.01 -5.90
NORTHPORT____2 23552	27.65 2.07 -2.53	25.69 1.83 -3.05	22.64 1.57 -3.19	21.83 1.51 -2.99	21.64 1.53 -2.35	26.00 1.82 -3.56	27.79 1.85 -5.13	29.89 2.14 -6.94	32.12 2.36 -8.91	32.62 2.38 -9.35	31.83 2.26 -7.20	31.83 2.04 -8.94	32.76 2.07 -9.82	32.82 1.98 -10.42	32.96 1.95 -10.47	32.97 1.90 -11.50	32.81 1.88 -11.90	35.78 2.01 -12.78	33.45 1.95 -10.49	33.61 2.04 -9.83	39.94 2.37 -13.83	33.11 2.47 -7.36	32.68 2.38 -9.38	28.42 2.01 -5.90
NORTHPORT____3 23553	27.79 2.21 -2.53	25.82 1.96 -3.06	22.75 1.68 -3.20	21.93 1.59 -2.99	21.74 1.62 -2.35	26.11 1.92 -3.57	27.88 1.94 -5.14	29.98 2.23 -6.94	32.16 2.40 -8.92	32.67 2.42 -9.35	32.00 2.42 -7.21	32.03 2.25 -8.93	33.35 2.32 -10.16	33.12 2.29 -10.41	33.28 2.28 -10.46	33.28 2.21 -11.50	33.12 2.21 -11.89	36.10 2.35 -12.78	33.78 2.29 -10.49	33.97 2.41 -9.82	40.13 2.56 -13.82	33.26 2.63 -7.35	32.57 2.28 -9.38	28.46 2.05 -5.90
NORTHPORT____4 23650	27.79 2.21 -2.53	25.82 1.96 -3.06	22.75 1.68 -3.20	21.93 1.59 -2.99	21.74 1.62 -2.35	26.11 1.92 -3.57	27.88 1.94 -5.14	29.98 2.23 -6.94	32.16 2.40 -8.92	32.67 2.42 -9.35	32.00 2.42 -7.21	32.03 2.25 -8.93	33.35 2.32 -10.16	33.12 2.29 -10.41	33.28 2.28 -10.46	33.28 2.21 -11.50	33.12 2.21 -11.89	36.10 2.35 -12.78	33.78 2.29 -10.49	33.97 2.41 -9.82	39.80 2.56 -13.49	33.26 2.63 -7.35	32.57 2.28 -9.38	28.46 2.05 -5.90

NORTHPORT___IC 23718	27.65 2.07 -2.53	25.69 1.83 -3.05	22.64 1.57 -3.19	21.83 1.51 -2.99	21.64 1.53 -2.35	26.00 1.82 -3.56	27.79 1.85 -5.13	29.89 2.14 -6.94	32.12 2.36 -8.91	32.62 2.38 -9.35	31.83 2.26 -7.20	31.83 2.04 -8.94	32.76 2.07 -9.82	32.82 1.98 -10.42	32.96 1.95 -10.47	32.97 1.90 -11.50	32.81 1.88 -11.90	35.78 2.01 -12.78	33.45 1.95 -10.49	33.61 2.04 -9.83	39.94 2.37 -13.83	33.11 2.47 -7.36	32.68 2.38 -9.38	28.42 2.01 -5.90
NORTH___COUNTRY_ESR 323785	22.65 -0.39 0.00	20.64 -0.17 0.00	17.69 -0.18 0.00	17.22 -0.12 0.00	17.65 -0.12 0.00	20.50 -0.12 0.00	20.70 -0.10 0.00	20.66 -0.14 0.00	20.66 -0.19 0.00	20.62 -0.27 0.00	22.01 -0.36 0.00	20.54 -0.31 0.00	20.45 -0.42 0.00	19.99 -0.43 0.00	20.07 -0.47 0.00	19.01 -0.57 0.00	18.55 -0.47 0.00	20.26 -0.71 0.00	20.26 -0.74 0.00	21.00 -0.74 0.00	22.93 -0.81 0.00	22.49 -0.79 0.00	20.35 -0.56 0.00	20.04 -0.47 0.00
NPX_GEN_1385_PROXY 323591	27.16 1.59 -2.53	25.36 1.50 -3.05	22.37 1.30 -3.19	21.66 1.34 -2.99	21.45 1.33 -2.35	25.63 1.44 -3.56	27.29 1.35 -5.13	29.20 1.46 -6.94	30.10 1.56 -7.69	29.85 1.59 -7.37	28.59 1.61 -4.60	27.73 1.44 -5.44	28.78 1.46 -6.45	30.33 1.25 -8.66	29.59 1.25 -7.80	28.66 1.21 -7.87	31.53 1.24 -11.27	35.21 1.45 -12.78	32.88 1.39 -10.49	32.98 1.41 -9.83	34.47 1.50 -9.23	30.15 1.56 -5.31	29.28 1.57 -6.80	27.73 1.31 -5.90
NPX_GEN_CSC 323557	28.31 2.74 -2.53	26.27 2.41 -3.05	23.15 2.09 -3.19	22.32 1.99 -2.99	22.14 2.03 -2.35	26.58 2.39 -3.56	28.39 2.45 -5.13	30.53 2.79 -6.94	32.81 3.04 -8.92	37.24 3.07 -13.28	36.09 3.04 -10.68	37.86 2.79 -14.21	46.29 2.86 -22.56	50.29 2.80 -27.07	83.61 2.79 -60.28	85.06 2.72 -62.77	125.18 2.68 -103.47	125.32 2.91 -101.42	112.05 2.88 -88.18	72.13 3.00 -47.38	44.84 3.32 -17.77	38.00 3.37 -11.34	33.38 3.08 -9.39	29.04 2.63 -5.90
NSINS_S_GLNS_FALLS 23858	25.16 1.15 -0.96	23.52 1.02 -1.69	21.90 0.84 -3.18	21.26 0.81 -3.11	20.78 0.84 -2.17	22.80 1.01 -1.16	25.67 1.10 -3.76	28.60 1.21 -6.58	28.79 1.23 -6.71	30.95 1.17 -8.89	28.68 1.30 -5.01	31.43 1.13 -9.46	31.60 1.04 -9.69	34.15 1.04 -12.69	33.65 1.05 -12.06	33.43 0.94 -12.92	42.40 0.93 -22.44	45.54 1.13 -23.43	42.44 1.20 -20.24	38.63 1.30 -15.59	32.41 1.40 -7.27	27.24 1.42 -2.54	25.72 1.05 -3.76	23.46 0.86 -2.09
NUCOR_STEEL___DRP 24197	23.48 0.35 -0.09	21.22 0.25 -0.16	18.30 0.13 -0.30	17.74 0.10 -0.29	18.08 0.11 -0.21	20.88 0.14 -0.11	21.77 0.60 -0.36	21.99 0.56 -0.62	22.08 0.56 -0.67	22.40 0.63 -0.88	23.63 0.76 -0.50	22.37 0.58 -0.94	22.45 0.58 -0.99	22.30 0.57 -1.31	22.40 0.62 -1.24	21.41 0.51 -1.33	21.84 0.48 -2.34	24.20 0.78 -2.45	23.87 0.82 -2.05	24.14 0.85 -1.55	25.55 0.31 -1.50	24.40 0.28 -0.84	21.41 0.13 -0.37	20.92 0.21 -0.21
NUMBER_THREE_WT_PWR 323818	23.17 0.09 -0.03	20.88 0.02 -0.05	17.84 -0.12 -0.10	17.33 -0.10 -0.09	17.76 -0.07 -0.07	20.60 -0.06 -0.03	21.00 0.08 -0.11	21.10 0.10 -0.19	21.00 -0.04 -0.19	21.06 -0.08 -0.25	22.47 -0.04 -0.14	21.05 -0.06 -0.26	21.09 -0.06 -0.28	20.61 -0.18 -0.37	20.64 -0.25 -0.35	19.54 -0.41 -0.38	19.32 -0.36 -0.66	21.50 -0.17 -0.69	21.52 -0.06 -0.58	22.16 -0.02 -0.44	24.33 0.05 -0.54	23.60 0.00 -0.32	20.92 -0.10 -0.11	20.45 -0.12 -0.06
NYISO_LBMP_REFERENCE 24008	23.05 0.00 0.00	20.81 0.00 0.00	17.87 0.00 0.00	17.34 0.00 0.00	17.77 0.00 0.00	20.62 0.00 0.00	20.81 0.00 0.00	20.81 0.00 0.00	20.85 0.00 0.00	20.89 0.00 0.00	22.37 0.00 0.00	20.85 0.00 0.00	20.87 0.00 0.00	20.42 0.00 0.00	20.54 0.00 0.00	19.57 0.00 0.00	19.03 0.00 0.00	20.98 0.00 0.00	21.00 0.00 0.00	21.74 0.00 0.00	23.74 0.00 0.00	23.28 0.00 0.00	20.91 0.00 0.00	20.51 0.00 0.00
NYPA_BRENTWD___GT 24164	28.04 2.47 -2.53	26.05 2.18 -3.05	22.94 1.88 -3.19	22.11 1.79 -2.99	21.93 1.81 -2.35	26.33 2.14 -3.56	28.14 2.20 -5.13	30.26 2.52 -6.94	32.49 2.73 -8.91	33.80 2.78 -10.13	33.01 2.75 -7.89	33.35 2.52 -9.98	48.96 2.59 -25.50	37.41 2.45 -14.54	47.08 2.44 -24.09	47.39 2.29 -25.53	58.24 2.26 -36.95	60.44 2.43 -37.03	54.78 2.39 -31.39	43.88 2.56 -19.57	41.22 2.87 -14.61	34.45 3.02 -8.15	33.08 2.78 -9.38	28.77 2.36 -5.90
NYPA_GOWANUS___GT5 24156	25.57 1.77 -0.75	23.65 1.54 -1.30	21.63 1.30 -2.45	20.92 1.20 -2.39	20.65 1.21 -1.67	22.92 1.40 -0.89	25.08 1.37 -2.90	27.76 1.87 -5.08	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.11 2.16 -10.53	32.64 2.16 -9.95	32.40 2.11 -10.72	40.10 2.02 -19.05	43.01 2.14 -19.89	39.34 2.10 -16.24	35.75 2.04 -11.97	31.71 2.35 -5.62	27.57 2.33 -1.96	26.04 2.22 -2.91	23.85 1.72 -1.61
NYPA_GOWANUS___GT6 24157	25.57 1.77 -0.75	23.65 1.54 -1.30	21.63 1.30 -2.45	20.92 1.20 -2.39	20.65 1.21 -1.67	22.92 1.40 -0.89	25.08 1.37 -2.90	27.76 1.87 -5.08	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.11 2.16 -10.53	32.64 2.16 -9.95	32.40 2.11 -10.72	40.10 2.02 -19.05	43.01 2.14 -19.89	39.34 2.10 -16.24	35.75 2.04 -11.97	31.71 2.35 -5.62	27.57 2.33 -1.96	26.04 2.22 -2.91	23.85 1.72 -1.61
NYPA_HARLEM__RVR_GT1 24160	25.50 1.71 -0.75	23.61 1.50 -1.31	21.59 1.27 -2.45	20.91 1.18 -2.39	20.61 1.17 -1.67	22.86 1.34 -0.89	25.02 1.31 -2.90	27.67 1.79 -5.08	27.90 1.90 -5.15	29.68 1.96 -6.82	28.26 2.04 -3.85	30.07 1.96 -7.26	30.83 2.07 -7.89	32.95 2.00 -10.53	32.41 1.93 -9.94	32.19 1.90 -10.72	39.95 1.87 -19.05	42.84 1.97 -19.89	39.17 1.93 -16.24	35.60 1.89 -11.97	31.64 2.28 -5.62	27.41 2.17 -1.96	25.93 2.11 -2.91	23.81 1.68 -1.61
NYPA_HARLEM__RVR_GT2 24161	25.50 1.71 -0.75	23.61 1.50 -1.31	21.59 1.27 -2.45	20.91 1.18 -2.39	20.61 1.17 -1.67	22.86 1.34 -0.89	25.02 1.31 -2.90	27.67 1.79 -5.08	27.90 1.90 -5.15	29.68 1.96 -6.82	28.26 2.04 -3.85	30.07 1.96 -7.26	30.83 2.07 -7.89	32.95 2.00 -10.53	32.41 1.93 -9.94	32.19 1.90 -10.72	39.95 1.87 -19.05	42.84 1.97 -19.89	39.17 1.93 -16.24	35.60 1.89 -11.97	31.64 2.28 -5.62	27.41 2.17 -1.96	25.93 2.11 -2.91	23.81 1.68 -1.61
NYPA_KENT___GT 24152	25.49 1.71 -0.74	23.58 1.48 -1.30	21.57 1.25 -2.45	20.89 1.16 -2.39	20.61 1.17 -1.67	22.90 1.38 -0.89	25.08 1.37 -2.90	27.74 1.85 -5.08	28.00 2.00 -5.15	29.79 2.07 -6.82	28.37 2.15 -3.85	30.15 2.04 -7.26	30.92 2.15 -7.89	33.08 2.12 -10.53	32.58 2.10 -9.95	32.36 2.07 -10.72	40.06 1.98 -19.05	42.97 2.10 -19.89	39.30 2.06 -16.24	35.71 2.00 -11.97	31.66 2.30 -5.62	27.50 2.26 -1.96	25.98 2.15 -2.91	23.81 1.68 -1.61
NYPA_POUCH1___GT 24155	25.54 1.75 -0.75	23.62 1.52 -1.30	21.61 1.29 -2.45	20.92 1.20 -2.39	20.63 1.19 -1.67	22.90 1.38 -0.89	25.04 1.33 -2.90	27.72 1.83 -5.08	27.96 1.96 -5.15	29.75 2.03 -6.83	28.33 2.10 -3.85	30.12 2.00 -7.26	30.90 2.13 -7.90	34.01 2.12 -11.47	33.16 2.12 -10.51	32.36 2.07 -10.71	37.08 1.96 -16.09	39.21 2.08 -16.16	36.75 2.04 -13.71	37.12 1.98 -13.40	31.79 2.30 -5.75	27.55 2.31 -1.96	26.02 2.20 -2.91	23.85 1.72 -1.61

NYPA_VERNON____GT2 24162	25.42 1.64 -0.74	23.54 1.43 -1.30	21.54 1.22 -2.45	20.85 1.13 -2.39	20.58 1.14 -1.67	22.88 1.36 -0.89	25.08 1.37 -2.90	27.69 1.81 -5.08	27.98 1.98 -5.15	29.74 2.03 -6.82	28.35 2.13 -3.85	30.13 2.02 -7.26	30.90 2.13 -7.89	33.04 2.08 -10.53	32.54 2.05 -9.95	32.31 2.02 -10.72	40.02 1.94 -19.06	42.93 2.06 -19.89	39.26 2.02 -16.24	35.69 1.98 -11.97	31.61 2.26 -5.62	27.45 2.21 -1.96	25.92 2.09 -2.91	23.74 1.62 -1.61
NYPA_VERNON____GT3 24163	25.42 1.64 -0.74	23.54 1.43 -1.30	21.54 1.22 -2.45	20.85 1.13 -2.39	20.58 1.14 -1.67	22.88 1.36 -0.89	25.08 1.37 -2.90	27.69 1.81 -5.08	27.98 1.98 -5.15	29.74 2.03 -6.82	28.35 2.13 -3.85	30.13 2.02 -7.26	30.90 2.13 -7.89	33.04 2.08 -10.53	32.54 2.05 -9.95	32.31 2.02 -10.72	40.02 1.94 -19.06	42.93 2.06 -19.89	39.26 2.02 -16.24	35.69 1.98 -11.97	31.61 2.26 -5.62	27.45 2.21 -1.96	25.92 2.09 -2.91	23.74 1.62 -1.61
NYPA____ASTORIA_CC1 323568	25.40 1.61 -0.74	23.52 1.42 -1.30	21.52 1.20 -2.45	20.84 1.11 -2.39	20.56 1.12 -1.67	22.84 1.32 -0.89	25.04 1.33 -2.90	27.67 1.79 -5.08	27.94 1.94 -5.15	29.72 2.01 -6.82	28.30 2.08 -3.85	30.09 1.98 -7.26	30.85 2.09 -7.89	32.99 2.04 -10.53	32.50 2.01 -9.95	32.27 1.98 -10.72	39.98 1.90 -19.05	42.88 2.01 -19.89	39.22 1.97 -16.24	35.65 1.93 -11.97	31.59 2.23 -5.62	27.41 2.17 -1.96	25.89 2.07 -2.91	23.72 1.60 -1.61
NYPA____ASTORIA_CC2 323569	25.40 1.61 -0.74	23.52 1.42 -1.30	21.52 1.20 -2.45	20.84 1.11 -2.39	20.56 1.12 -1.67	22.84 1.32 -0.89	25.04 1.33 -2.90	27.67 1.79 -5.08	27.94 1.94 -5.15	29.72 2.01 -6.82	28.30 2.08 -3.85	30.09 1.98 -7.26	30.85 2.09 -7.89	32.99 2.04 -10.53	32.50 2.01 -9.95	32.27 1.98 -10.72	39.98 1.90 -19.05	42.88 2.01 -19.89	39.22 1.97 -16.24	35.65 1.93 -11.97	31.59 2.23 -5.62	27.41 2.17 -1.96	25.89 2.07 -2.91	23.72 1.60 -1.61
NYPA____HOLTSVILL 23794	27.99 2.42 -2.53	25.98 2.12 -3.05	22.90 1.84 -3.19	22.08 1.75 -2.99	21.89 1.78 -2.35	26.27 2.08 -3.56	28.10 2.16 -5.13	30.22 2.47 -6.94	32.46 2.69 -8.92	36.81 2.71 -13.20	35.65 2.66 -10.61	37.40 2.44 -14.11	45.72 2.46 -22.39	49.62 2.41 -26.79	82.38 2.38 -59.46	83.81 2.31 -61.93	123.29 2.30 -101.96	123.41 2.47 -99.96	110.30 2.41 -86.88	71.03 2.54 -46.75	44.26 2.82 -17.70	37.48 2.93 -11.27	33.02 2.72 -9.39	28.71 2.30 -5.90
NYPA____HELLGATE_GT1 24158	25.50 1.71 -0.75	23.61 1.50 -1.31	21.59 1.27 -2.45	20.91 1.18 -2.39	20.61 1.17 -1.67	22.86 1.34 -0.89	25.02 1.31 -2.90	27.67 1.79 -5.08	27.90 1.90 -5.15	29.68 1.96 -6.82	28.26 2.04 -3.85	30.07 1.96 -7.26	30.83 2.07 -7.89	32.95 2.00 -10.53	32.40 1.91 -9.94	32.17 1.88 -10.72	39.95 1.87 -19.05	42.84 1.97 -19.89	39.17 1.93 -16.24	35.60 1.89 -11.97	31.64 2.28 -5.62	27.41 2.17 -1.96	25.93 2.11 -2.91	23.81 1.68 -1.61
NYPA____HELLGATE_GT2 24159	25.50 1.71 -0.75	23.61 1.50 -1.31	21.59 1.27 -2.45	20.91 1.18 -2.39	20.61 1.17 -1.67	22.86 1.34 -0.89	25.02 1.31 -2.90	27.67 1.79 -5.08	27.90 1.90 -5.15	29.68 1.96 -6.82	28.26 2.04 -3.85	30.07 1.96 -7.26	30.83 2.07 -7.89	32.95 2.00 -10.53	32.40 1.91 -9.94	32.17 1.88 -10.72	39.95 1.87 -19.05	42.84 1.97 -19.89	39.17 1.93 -16.24	35.60 1.89 -11.97	31.64 2.28 -5.62	27.41 2.17 -1.96	25.93 2.11 -2.91	23.81 1.68 -1.61
NYS_BARGE____HYD 23848	22.81 -0.35 -0.11	20.30 -0.71 -0.19	17.78 -0.46 -0.37	17.18 -0.52 -0.36	17.44 -0.59 -0.25	20.14 -0.62 -0.13	20.61 -0.65 -0.45	20.43 -1.16 -0.79	20.63 -1.02 -0.80	21.05 -0.90 -1.06	22.05 -0.92 -0.60	20.93 -1.04 -1.12	21.04 -1.02 -1.19	21.05 -0.94 -1.57	21.08 -0.94 -1.49	20.37 -0.80 -1.60	20.78 -1.05 -2.81	23.28 -0.63 -2.93	22.94 -0.52 -2.46	23.12 -0.48 -1.85	23.80 -0.74 -0.79	23.16 -0.40 -0.28	20.61 -0.71 -0.41	20.17 -0.57 -0.23
OAK ORCHARD____HYD 24046	23.30 0.16 -0.09	20.82 -0.14 -0.16	18.14 -0.04 -0.30	17.56 -0.07 -0.30	17.87 -0.11 -0.21	20.65 -0.08 -0.11	21.11 -0.06 -0.37	21.12 -0.33 -0.65	21.26 -0.25 -0.66	21.62 -0.15 -0.87	22.73 -0.13 -0.49	21.53 -0.25 -0.93	21.62 -0.23 -0.98	21.55 -0.16 -1.29	21.62 -0.14 -1.22	20.81 -0.08 -1.31	21.09 -0.25 -2.31	23.49 0.11 -2.41	23.19 0.17 -2.02	23.48 0.22 -1.53	24.42 0.02 -0.65	23.69 0.19 -0.23	21.17 -0.08 -0.34	20.68 -0.02 -0.19
OAKDALE__35_KV_LOAD 356122	23.46 0.18 -0.23	21.30 0.08 -0.41	18.66 0.02 -0.77	18.09 0.00 -0.75	18.28 -0.02 -0.53	20.91 0.00 -0.28	21.83 0.10 -0.91	22.49 0.08 -1.60	22.65 0.13 -1.67	23.28 0.17 -2.22	23.83 0.20 -1.25	23.31 0.10 -2.36	23.49 0.13 -2.49	23.85 0.14 -3.29	23.82 0.16 -3.12	23.04 0.12 -3.35	25.01 0.10 -5.89	27.40 0.27 -6.15	26.48 0.31 -5.16	25.98 0.35 -3.89	26.14 0.28 -2.11	24.46 0.33 -0.86	22.00 0.15 -0.94	21.16 0.12 -0.52
OCC_CHEM____DRP 24175	22.35 -0.81 -0.11	20.13 -0.87 -0.20	17.50 -0.75 -0.38	16.93 -0.78 -0.37	17.16 -0.87 -0.26	19.75 -1.01 -0.14	20.21 -1.04 -0.45	20.13 -1.46 -0.78	20.35 -1.31 -0.82	20.81 -1.17 -1.09	21.73 -1.25 -0.61	20.65 -1.36 -1.15	20.75 -1.34 -1.22	20.83 -1.20 -1.61	20.85 -1.21 -1.53	19.96 -1.25 -1.64	20.57 -1.33 -2.88	23.04 -0.94 -3.01	22.66 -0.86 -2.53	22.82 -0.83 -1.90	23.51 -1.12 -0.89	22.87 -0.72 -0.31	20.37 -1.00 -0.46	20.05 -0.72 -0.25
OH_GEN_PROXY 24063	22.65 -0.51 -0.11	20.17 -0.83 -0.20	17.67 -0.57 -0.37	17.09 -0.61 -0.36	17.33 -0.69 -0.25	20.00 -0.76 -0.14	20.47 -0.79 -0.45	20.31 -1.29 -0.79	20.53 -1.13 -0.80	20.95 -1.00 -1.06	21.90 -1.07 -0.60	20.79 -1.19 -1.13	20.92 -1.15 -1.19	20.96 -1.04 -1.58	21.01 -1.03 -1.50	20.30 -0.88 -1.61	20.71 -1.14 -2.83	23.21 -0.71 -2.95	22.85 -0.63 -2.48	23.00 -0.61 -1.87	23.64 -0.90 -0.80	23.00 -0.56 -0.28	20.49 -0.84 -0.41	20.07 -0.68 -0.23
OLIN_CORP_DRP 24177	22.26 -0.90 -0.11	20.05 -0.96 -0.20	17.40 -0.86 -0.38	16.83 -0.88 -0.37	17.05 -0.98 -0.26	19.65 -1.11 -0.14	20.18 -1.08 -0.45	20.12 -1.48 -0.79	20.34 -1.33 -0.83	20.78 -1.21 -1.09	21.69 -1.30 -0.62	20.62 -1.40 -1.16	20.72 -1.38 -1.23	20.76 -1.29 -1.62	20.79 -1.29 -1.54	19.90 -1.33 -1.65	20.56 -1.37 -2.91	23.03 -0.99 -3.04	22.67 -0.88 -2.55	22.79 -0.87 -1.92	23.50 -1.14 -0.89	22.82 -0.77 -0.31	20.35 -1.02 -0.46	20.01 -0.76 -0.26
OLIN_CORP_DSASP 323712	22.56 -0.60 -0.11	20.09 -0.92 -0.20	17.64 -0.61 -0.38	17.05 -0.66 -0.37	17.28 -0.75 -0.26	19.96 -0.80 -0.14	20.35 -0.92 -0.46	20.14 -1.48 -0.81	20.36 -1.31 -0.82	20.81 -1.17 -1.09	21.73 -1.25 -0.61	20.65 -1.35 -1.15	20.75 -1.34 -1.22	20.83 -1.20 -1.61	20.85 -1.21 -1.53	20.17 -1.04 -1.64	20.57 -1.33 -2.88	23.04 -0.94 -3.01	22.68 -0.84 -2.53	22.82 -0.83 -1.90	23.44 -1.12 -0.82	22.84 -0.72 -0.29	20.33 -1.00 -0.42	19.95 -0.80 -0.23
ONEIDA_HERK_LFGE 323681	23.46 0.39 -0.03	21.12 0.27 -0.05	18.09 0.13 -0.09	17.55 0.12 -0.09	17.99 0.16 -0.06	20.86 0.21 -0.03	21.22 0.31 -0.10	21.34 0.35 -0.18	21.32 0.29 -0.18	21.41 0.27 -0.24	22.89 0.38 -0.14	21.42 0.31 -0.26	21.46 0.31 -0.27	20.96 0.18 -0.36	21.03 0.14 -0.34	20.02 0.08 -0.37	19.75 0.08 -0.64	21.88 0.23 -0.67	21.86 0.29 -0.56	22.47 0.30 -0.43	24.50 0.38 -0.38	23.82 0.33 -0.21	21.22 0.21 -0.10	20.73 0.16 -0.05

ONEIDA___115KV_TB4 55905	23.74 0.65 -0.05	21.39 0.50 -0.08	18.33 0.30 -0.15	17.78 0.29 -0.15	18.19 0.32 -0.10	21.07 0.39 -0.05	21.51 0.52 -0.18	21.68 0.56 -0.31	21.70 0.52 -0.33	21.85 0.52 -0.44	23.25 0.63 -0.25	21.86 0.54 -0.47	21.91 0.54 -0.49	21.52 0.45 -0.65	21.59 0.43 -0.62	20.63 0.39 -0.66	20.55 0.36 -1.16	22.74 0.55 -1.21	22.63 0.61 -1.02	23.12 0.61 -0.77	25.02 0.66 -0.61	24.22 0.63 -0.32	21.54 0.44 -0.19	21.01 0.39 -0.10
ONONDAGA_REF_OCCRA 23987	23.17 0.05 -0.08	20.93 -0.02 -0.14	18.07 -0.07 -0.27	17.51 -0.09 -0.26	17.85 -0.11 -0.18	20.62 -0.10 -0.10	21.17 0.04 -0.32	21.34 -0.02 -0.55	21.43 -0.02 -0.60	21.73 0.04 -0.79	22.91 0.09 -0.45	21.71 0.02 -0.84	21.78 0.02 -0.89	21.62 0.02 -1.18	21.70 0.04 -1.11	20.79 0.02 -1.20	21.13 0.00 -2.11	23.32 0.15 -2.20	23.01 0.17 -1.85	23.31 0.17 -1.39	24.93 0.02 -1.17	23.89 0.00 -0.62	21.16 -0.08 -0.33	20.68 -0.02 -0.19
ONONDAGA___COGEN 23986	23.26 0.14 -0.07	20.98 0.04 -0.13	18.10 -0.02 -0.25	17.54 -0.03 -0.24	17.90 -0.04 -0.17	20.67 -0.04 -0.09	21.35 0.25 -0.29	21.51 0.19 -0.51	21.56 0.17 -0.54	21.84 0.23 -0.72	23.12 0.34 -0.41	21.84 0.23 -0.77	21.89 0.21 -0.81	21.69 0.20 -1.07	21.80 0.25 -1.01	20.84 0.18 -1.09	21.09 0.15 -1.91	23.31 0.34 -2.00	23.03 0.36 -1.68	23.37 0.37 -1.26	25.14 0.02 -1.38	24.08 0.00 -0.80	21.13 -0.08 -0.30	20.68 0.00 -0.17
ONTARIO___LFGE 23819	23.50 0.35 -0.11	21.04 0.04 -0.19	18.28 0.05 -0.35	17.70 0.02 -0.34	18.03 0.02 -0.24	20.84 0.08 -0.13	21.49 0.25 -0.43	21.69 0.13 -0.76	21.77 0.15 -0.77	22.14 0.23 -1.02	23.28 0.34 -0.57	22.10 0.17 -1.08	22.20 0.19 -1.14	22.12 0.18 -1.51	22.18 0.21 -1.43	21.31 0.20 -1.54	21.81 0.08 -2.71	24.24 0.44 -2.83	23.90 0.53 -2.37	24.09 0.56 -1.79	25.12 0.36 -1.02	24.09 0.35 -0.46	21.39 0.08 -0.39	20.79 0.06 -0.22
ORANGEVILLE_WT_PWR 323706	23.11 -0.07 -0.14	20.59 -0.46 -0.24	18.04 -0.29 -0.45	17.43 -0.35 -0.44	17.69 -0.39 -0.31	20.40 -0.39 -0.16	20.98 -0.37 -0.55	20.96 -0.81 -0.96	21.12 -0.71 -0.98	21.58 -0.61 -1.30	22.48 -0.63 -0.73	21.44 -0.79 -1.38	21.55 -0.77 -1.45	21.67 -0.67 -1.92	21.68 -0.68 -1.82	20.94 -0.59 -1.96	21.70 -0.76 -3.44	24.17 -0.40 -3.59	23.74 -0.27 -3.02	23.82 -0.20 -2.27	24.36 -0.36 -0.97	23.50 -0.12 -0.34	20.98 -0.44 -0.50	20.42 -0.37 -0.28
ORANGEVILLE___ESR 323794	23.11 -0.07 -0.14	20.59 -0.46 -0.24	18.04 -0.29 -0.45	17.43 -0.35 -0.44	17.69 -0.39 -0.31	20.40 -0.39 -0.16	20.98 -0.37 -0.55	20.96 -0.81 -0.96	21.12 -0.71 -0.98	21.58 -0.61 -1.30	22.48 -0.63 -0.73	21.44 -0.79 -1.38	21.55 -0.77 -1.45	21.67 -0.67 -1.92	21.68 -0.68 -1.82	20.94 -0.59 -1.96	21.70 -0.76 -3.44	24.17 -0.40 -3.59	23.74 -0.27 -3.02	23.82 -0.20 -2.27	24.36 -0.36 -0.97	23.50 -0.12 -0.34	20.98 -0.44 -0.50	20.42 -0.37 -0.28
OSWEGATCHIE___HYD 24044	22.42 -0.65 -0.02	20.30 -0.54 -0.04	17.35 -0.59 -0.07	16.85 -0.56 -0.07	17.32 -0.50 -0.05	20.05 -0.60 -0.03	20.38 -0.50 -0.07	20.44 -0.50 -0.13	20.36 -0.62 -0.13	20.40 -0.67 -0.18	21.76 -0.72 -0.10	20.37 -0.67 -0.19	20.38 -0.69 -0.20	19.91 -0.78 -0.26	19.99 -0.80 -0.25	18.96 -0.88 -0.26	18.75 -0.74 -0.47	20.60 -0.86 -0.49	20.61 -0.80 -0.41	21.27 -0.78 -0.31	23.36 -0.81 -0.42	22.72 -0.82 -0.26	20.24 -0.75 -0.08	19.82 -0.74 -0.04
OSWEGO___5 23606	22.73 -0.37 -0.05	20.49 -0.42 -0.09	17.71 -0.34 -0.18	17.17 -0.35 -0.17	17.54 -0.36 -0.12	20.28 -0.41 -0.06	20.48 -0.50 -0.17	20.52 -0.58 -0.30	20.57 -0.58 -0.30	20.73 -0.56 -0.40	22.02 -0.58 -0.23	20.69 -0.58 -0.43	20.74 -0.58 -0.45	20.44 -0.57 -0.59	20.55 -0.55 -0.56	19.65 -0.53 -0.60	19.56 -0.53 -1.06	21.58 -0.50 -1.11	21.43 -0.50 -0.93	21.94 -0.50 -0.70	26.96 -0.47 -3.69	25.43 -0.47 -2.61	20.65 -0.46 -0.20	20.25 -0.37 -0.11
OSWEGO___6 23613	22.73 -0.37 -0.05	20.49 -0.42 -0.09	17.71 -0.34 -0.18	17.17 -0.35 -0.17	17.54 -0.36 -0.12	20.28 -0.41 -0.06	20.48 -0.50 -0.17	20.52 -0.58 -0.30	20.57 -0.58 -0.30	20.73 -0.56 -0.40	22.02 -0.58 -0.23	20.69 -0.58 -0.43	20.74 -0.58 -0.45	20.44 -0.57 -0.59	20.55 -0.55 -0.56	19.65 -0.53 -0.60	19.56 -0.53 -1.06	21.58 -0.50 -1.11	21.43 -0.50 -0.93	21.94 -0.50 -0.70	26.96 -0.47 -3.69	25.43 -0.47 -2.61	20.65 -0.46 -0.20	20.25 -0.37 -0.11
OUTOKUMPU-AB___DRP 24206	22.82 -0.35 -0.12	20.51 -0.50 -0.20	17.79 -0.46 -0.38	17.23 -0.49 -0.37	17.46 -0.57 -0.26	20.13 -0.64 -0.14	20.66 -0.60 -0.45	20.63 -0.98 -0.80	20.85 -0.83 -0.83	21.29 -0.71 -1.10	22.30 -0.69 -0.62	21.17 -0.85 -1.18	21.28 -0.83 -1.24	21.33 -0.74 -1.64	21.35 -0.74 -1.55	20.40 -0.84 -1.67	21.08 -0.88 -2.93	23.60 -0.44 -3.06	23.21 -0.36 -2.57	23.37 -0.30 -1.94	24.10 -0.55 -0.90	23.41 -0.19 -0.32	20.84 -0.54 -0.47	20.44 -0.33 -0.26
OXBOW___ 24026	22.86 -0.30 -0.11	20.32 -0.69 -0.20	17.84 -0.41 -0.38	17.24 -0.47 -0.37	17.48 -0.55 -0.26	20.19 -0.58 -0.14	20.63 -0.65 -0.46	20.44 -1.19 -0.81	20.65 -1.02 -0.83	21.11 -0.88 -1.09	22.07 -0.92 -0.62	20.97 -1.04 -1.17	21.08 -1.02 -1.23	21.13 -0.92 -1.62	21.16 -0.92 -1.54	20.44 -0.78 -1.65	20.89 -1.05 -2.91	23.38 -0.63 -3.04	23.00 -0.55 -2.55	23.16 -0.50 -1.92	23.80 -0.76 -0.82	23.17 -0.40 -0.29	20.61 -0.73 -0.43	20.17 -0.57 -0.24
OXY_CHEM_DSASP 323612	22.35 -0.81 -0.11	20.13 -0.87 -0.20	17.50 -0.75 -0.38	16.93 -0.78 -0.37	17.16 -0.87 -0.26	19.75 -1.01 -0.14	20.21 -1.04 -0.45	20.13 -1.46 -0.78	20.35 -1.31 -0.82	20.81 -1.17 -1.09	21.73 -1.25 -0.61	20.65 -1.36 -1.15	20.75 -1.34 -1.22	20.83 -1.20 -1.61	20.85 -1.21 -1.53	19.96 -1.25 -1.64	20.57 -1.33 -2.88	23.04 -0.94 -3.01	22.66 -0.86 -2.53	22.82 -0.83 -1.90	23.51 -1.12 -0.89	22.87 -0.72 -0.31	20.37 -1.00 -0.46	20.05 -0.72 -0.25
OZONE_PARK_ESR 323760	25.49 1.71 -0.74	23.65 1.54 -1.30	21.61 1.29 -2.45	20.92 1.20 -2.39	20.67 1.23 -1.67	22.96 1.44 -0.89	25.22 1.52 -2.89	27.83 1.96 -5.07	28.13 2.13 -5.15	29.89 2.17 -6.82	28.50 2.28 -3.85	30.26 2.15 -7.26	30.99 2.23 -7.89	33.13 2.19 -10.52	32.65 2.18 -9.94	32.40 2.11 -10.71	40.20 2.13 -19.05	43.13 2.27 -19.89	39.47 2.23 -16.24	35.93 2.22 -11.97	31.75 2.42 -5.58	27.61 2.37 -1.95	26.02 2.22 -2.89	23.84 1.72 -1.60
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	22.35 -0.81 -0.11	20.13 -0.87 -0.20	17.50 -0.75 -0.38	16.93 -0.78 -0.37	17.16 -0.87 -0.26	19.75 -1.01 -0.14	20.21 -1.04 -0.45	20.13 -1.46 -0.78	20.35 -1.31 -0.82	20.81 -1.17 -1.09	21.73 -1.25 -0.61	20.65 -1.36 -1.15	20.75 -1.34 -1.22	20.83 -1.20 -1.61	20.85 -1.21 -1.53	19.96 -1.25 -1.64	20.57 -1.33 -2.88	23.04 -0.94 -3.01	22.66 -0.86 -2.53	22.82 -0.83 -1.90	23.51 -1.12 -0.89	22.87 -0.72 -0.31	20.37 -1.00 -0.46	20.05 -0.72 -0.25
PACKARD___115KV_DUPONT_184 80571	22.35 -0.81 -0.11	20.13 -0.87 -0.20	17.50 -0.75 -0.38	16.93 -0.78 -0.37	17.16 -0.87 -0.26	19.75 -1.01 -0.14	20.21 -1.04 -0.45	20.13 -1.46 -0.78	20.35 -1.31 -0.82	20.81 -1.17 -1.09	21.73 -1.25 -0.61	20.65 -1.36 -1.15	20.75 -1.34 -1.22	20.83 -1.20 -1.61	20.85 -1.21 -1.53	19.96 -1.25 -1.64	20.57 -1.33 -2.88	23.04 -0.94 -3.01	22.66 -0.86 -2.53	22.82 -0.83 -1.90	23.51 -1.12 -0.89	22.87 -0.72 -0.31	20.37 -1.00 -0.46	20.05 -0.72 -0.25

PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	25.45 1.66 -0.75	23.61 1.50 -1.31	21.57 1.25 -2.45	20.87 1.14 -2.39	20.61 1.17 -1.67	22.82 1.30 -0.89	24.99 1.29 -2.89	27.66 1.79 -5.07	27.90 1.90 -5.15	29.68 1.96 -6.82	28.26 2.04 -3.85	30.05 1.94 -7.26	30.83 2.07 -7.89	32.93 1.98 -10.53	32.42 1.93 -9.95	32.25 1.96 -10.72	40.04 1.96 -19.05	42.80 1.93 -19.89	39.13 1.89 -16.24	35.62 1.91 -11.97	31.58 2.26 -5.58	27.40 2.16 -1.95	25.92 2.11 -2.89	23.75 1.64 -1.60
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	25.63 1.84 -0.75	23.78 1.66 -1.31	21.72 1.39 -2.45	21.01 1.28 -2.39	20.76 1.32 -1.67	22.98 1.46 -0.89	25.14 1.44 -2.89	27.83 1.96 -5.07	28.04 2.04 -5.15	29.81 2.09 -6.82	28.48 2.26 -3.85	30.28 2.17 -7.26	31.06 2.30 -7.89	33.07 2.12 -10.53	32.56 2.07 -9.95	32.36 2.07 -10.72	40.17 2.09 -19.05	42.95 2.08 -19.89	39.30 2.06 -16.24	35.80 2.09 -11.97	31.75 2.42 -5.58	27.58 2.35 -1.95	26.09 2.28 -2.89	23.92 1.81 -1.60
PATROON__115KV_TB1 80586	24.75 0.76 -0.94	23.11 0.65 -1.65	21.55 0.55 -3.12	20.92 0.54 -3.04	20.45 0.55 -2.13	22.40 0.64 -1.14	25.16 0.67 -3.69	28.01 0.75 -6.45	28.24 0.81 -6.57	30.44 0.84 -8.71	28.22 0.94 -4.91	30.95 0.83 -9.27	31.20 0.81 -9.51	33.69 0.80 -12.47	33.19 0.80 -11.85	32.99 0.72 -12.69	41.79 0.70 -22.06	44.85 0.84 -23.03	41.71 0.84 -19.87	37.91 0.89 -15.28	31.82 0.95 -7.13	26.70 0.93 -2.49	25.37 0.77 -3.68	23.15 0.59 -2.04
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	22.41 -0.76 -0.13	20.18 -0.85 -0.22	17.49 -0.80 -0.42	16.93 -0.81 -0.41	17.15 -0.91 -0.29	19.77 -1.01 -0.15	20.41 -0.89 -0.49	20.51 -1.17 -0.87	20.74 -1.02 -0.91	21.20 -0.90 -1.20	22.13 -0.92 -0.68	21.09 -1.04 -1.28	21.22 -1.00 -1.35	21.33 -0.88 -1.78	21.35 -0.88 -1.69	20.43 -0.96 -1.82	21.27 -0.95 -3.19	23.70 -0.61 -3.34	23.30 -0.50 -2.80	23.40 -0.46 -2.11	24.04 -0.69 -0.98	23.23 -0.40 -0.34	20.67 -0.75 -0.51	20.18 -0.62 -0.28
PAWLING_115_KV_BK3_REV_LBMP_H 345028	25.31 1.52 -0.75	23.50 1.37 -1.32	21.52 1.16 -2.48	20.87 1.11 -2.42	20.55 1.08 -1.70	22.83 1.30 -0.91	25.12 1.37 -2.93	27.69 1.52 -5.14	27.93 1.75 -5.22	29.73 1.86 -6.92	28.33 1.92 -3.90	30.23 2.02 -7.36	30.92 2.09 -7.96	33.09 2.06 -10.61	32.61 2.05 -10.02	32.36 2.00 -10.79	40.19 2.00 -19.17	43.22 2.22 -20.02	39.62 2.20 -16.41	35.94 2.07 -12.13	31.64 2.23 -5.67	27.42 2.16 -1.98	25.74 1.90 -2.93	23.61 1.48 -1.63
PEEKSKILL____ 23653	25.13 1.36 -0.73	23.30 1.21 -1.28	21.33 1.04 -2.42	20.67 0.97 -2.36	20.40 0.98 -1.65	22.68 1.18 -0.88	24.87 1.21 -2.86	27.33 1.52 -5.01	27.60 1.67 -5.08	29.34 1.71 -6.73	27.98 1.81 -3.80	29.72 1.71 -7.16	30.42 1.77 -7.78	32.56 1.74 -10.38	32.09 1.74 -9.80	31.84 1.70 -10.56	39.52 1.71 -18.78	42.44 1.85 -19.62	38.85 1.83 -16.02	35.36 1.80 -11.81	31.23 1.95 -5.54	27.10 1.88 -1.94	25.51 1.73 -2.86	23.45 1.35 -1.59
PGE MADISON__WINDPWR 24146	25.17 1.89 -0.24	22.68 1.46 -0.42	19.71 1.05 -0.79	19.13 1.02 -0.77	19.39 1.08 -0.54	22.25 1.34 -0.29	23.36 1.60 -0.95	24.08 1.60 -1.67	24.05 1.50 -1.70	24.58 1.44 -2.25	25.25 1.61 -1.27	24.58 1.34 -2.39	24.69 1.29 -2.52	24.84 1.08 -3.33	24.72 1.03 -3.16	24.00 1.04 -3.39	25.92 0.93 -5.96	28.51 1.30 -6.23	27.74 1.51 -5.23	27.33 1.65 -3.94	27.42 1.80 -1.87	25.76 1.70 -0.79	22.96 1.25 -0.80	22.06 1.11 -0.44
PIERCEFIELD__HYD 23852	21.94 -1.11 0.00	19.89 -0.92 0.00	17.05 -0.82 0.00	16.59 -0.75 0.00	17.10 -0.68 0.00	19.74 -0.89 0.00	19.93 -0.87 0.00	19.95 -0.85 0.00	19.93 -0.92 0.00	19.93 -0.96 0.00	21.34 -1.03 0.00	19.95 -0.90 0.00	19.89 -0.98 0.00	19.38 -1.04 0.00	19.47 -1.07 0.00	18.67 -0.90 0.00	18.13 -0.89 0.00	19.74 -1.24 0.00	19.78 -1.22 0.00	20.48 -1.26 0.00	22.55 -1.33 -0.14	22.06 -1.33 -0.11	19.80 -1.11 0.00	19.45 -1.07 0.00
PINELAWN_CC_1 323563	27.85 2.28 -2.53	25.88 2.02 -3.05	22.78 1.72 -3.19	21.96 1.63 -2.99	21.79 1.67 -2.35	26.17 1.98 -3.56	27.98 2.04 -5.13	30.10 2.35 -6.94	32.28 2.52 -8.91	33.02 2.57 -9.56	32.31 2.55 -7.38	32.42 2.36 -9.22	36.41 2.44 -13.10	35.09 2.41 -12.26	40.29 2.24 -17.51	40.49 2.17 -18.75	45.94 2.07 -24.84	48.51 2.22 -25.31	44.30 2.25 -21.05	38.63 2.37 -14.51	40.39 2.61 -14.04	33.69 2.84 -7.57	32.89 2.59 -9.38	28.63 2.22 -5.90
PJM_GEN_HTP_PROXY 323702	25.30 1.52 -0.74	23.44 1.33 -1.30	21.45 1.13 -2.45	20.79 1.06 -2.39	20.51 1.07 -1.67	22.82 1.30 -0.89	25.06 1.35 -2.90	27.61 1.73 -5.08	27.92 1.92 -5.15	29.68 1.96 -6.82	28.28 2.06 -3.85	30.05 1.94 -7.26	30.78 2.02 -7.89	32.90 1.96 -10.52	32.43 1.95 -9.94	32.20 1.92 -10.71	39.97 1.90 -19.05	42.90 2.03 -19.89	39.22 1.97 -16.24	35.67 1.96 -11.97	31.49 2.14 -5.62	27.36 2.12 -1.96	25.80 1.99 -2.90	23.66 1.54 -1.61
PJM_GEN_KEystone 24065	23.91 0.42 -0.45	21.76 0.17 -0.79	19.56 0.20 -1.49	18.95 0.16 -1.46	18.93 0.14 -1.02	21.38 0.21 -0.54	22.81 0.23 -1.77	24.15 0.23 -3.11	24.38 0.38 -3.15	25.51 0.44 -4.18	25.20 0.47 -2.36	25.65 0.35 -4.45	26.10 0.42 -4.81	27.16 0.47 -6.27	26.96 0.45 -5.97	26.58 0.49 -6.52	30.57 0.42 -11.13	33.13 0.63 -11.52	31.18 0.65 -9.53	29.53 0.67 -7.11	27.73 0.62 -3.37	25.19 0.72 -1.19	23.19 0.52 -1.75	21.81 0.33 -0.97
PJM_GEN_NEPTUNE_PROXY 323594	27.41 1.84 -2.53	25.50 1.64 -3.05	22.46 1.39 -3.19	21.64 1.32 -2.98	21.45 1.33 -2.34	25.80 1.61 -3.56	27.56 1.62 -5.13	29.68 1.94 -6.93	31.86 2.10 -8.91	32.20 2.13 -9.17	31.57 2.15 -7.05	31.54 1.98 -8.71	33.67 2.07 -10.73	33.51 2.04 -11.05	37.10 2.03 -14.53	37.23 1.98 -15.68	40.37 1.98 -19.37	43.09 2.10 -20.02	39.27 2.04 -16.24	35.86 2.11 -12.01	39.70 2.30 -13.66	32.77 2.31 -7.19	32.45 2.15 -9.38	28.22 1.81 -5.90
PJM_GEN_VFT_PROXY 323633	25.14 1.36 -0.74	23.28 1.19 -1.29	21.31 1.00 -2.44	20.66 0.94 -2.38	20.37 0.94 -1.66	22.67 1.15 -0.89	24.91 1.21 -2.90	27.51 1.62 -5.08	27.81 1.81 -5.15	29.58 1.86 -6.82	28.17 1.95 -3.85	29.95 1.84 -7.26	30.66 1.90 -7.89	30.73 1.82 -8.50	31.06 1.79 -8.74	32.04 1.76 -10.71	33.36 1.75 -12.59	34.58 1.87 -11.74	33.53 1.81 -10.72	32.40 1.78 -8.87	31.04 1.97 -5.33	27.22 1.98 -1.96	25.68 1.86 -2.90	23.52 1.40 -1.61
PLATSBRG_115KV_PMLD1 355749	22.93 -0.12 0.00	20.83 0.02 0.00	17.91 0.04 0.00	17.44 0.10 0.00	17.86 0.09 0.00	20.75 0.12 0.00	20.91 0.10 0.00	20.91 0.10 0.00	20.91 0.06 0.00	20.89 0.00 0.00	22.31 -0.07 0.00	20.79 -0.06 0.00	20.68 -0.19 0.00	20.22 -0.20 0.00	20.29 -0.25 0.00	19.28 -0.29 0.00	18.74 -0.29 0.00	20.52 -0.46 0.00	20.52 -0.48 0.00	21.26 -0.48 0.00	23.20 -0.55 0.00	22.74 -0.54 0.00	20.58 -0.33 0.00	20.25 -0.27 0.00
PLEASANTVLY__LBMP 24000	25.04 1.22 -0.78	23.30 1.12 -1.37	21.40 0.95 -2.58	20.76 0.90 -2.52	20.46 0.92 -1.76	22.64 1.07 -0.94	24.96 1.10 -3.05	27.48 1.33 -5.34	27.74 1.46 -5.43	29.57 1.48 -7.19	28.00 1.57 -4.06	29.96 1.46 -7.65	30.71 1.50 -8.33	33.04 1.49 -11.13	32.53 1.48 -10.51	32.35 1.45 -11.33	40.64 1.45 -20.17	43.61 1.57 -21.06	39.71 1.55 -17.16	35.93 1.57 -12.62	31.31 1.69 -5.89	26.97 1.63 -2.06	25.46 1.51 -3.04	23.41 1.21 -1.69

PLSNTVLE_13_KV_13.8KVDIST 80602	25.20 1.41 -0.75	23.39 1.27 -1.31	21.42 1.07 -2.47	20.76 1.01 -2.41	20.49 1.03 -1.69	22.75 1.22 -0.90	25.00 1.27 -2.92	27.50 1.58 -5.11	27.80 1.75 -5.20	29.56 1.78 -6.89	28.14 1.88 -3.88	29.95 1.77 -7.33	30.67 1.84 -7.96	32.86 1.82 -10.62	32.38 1.81 -10.03	32.14 1.76 -10.81	40.02 1.77 -19.23	42.97 1.91 -20.08	39.29 1.89 -16.40	35.69 1.87 -12.08	31.40 2.02 -5.64	27.20 1.96 -1.97	25.62 1.80 -2.91	23.56 1.44 -1.62
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	25.20 1.41 -0.75	23.39 1.27 -1.31	21.42 1.07 -2.47	20.76 1.01 -2.41	20.49 1.03 -1.69	22.75 1.22 -0.90	25.00 1.27 -2.92	27.50 1.58 -5.11	27.80 1.75 -5.20	29.56 1.78 -6.89	28.14 1.88 -3.88	29.95 1.77 -7.33	30.67 1.84 -7.96	32.86 1.82 -10.62	32.38 1.81 -10.03	32.14 1.76 -10.81	40.02 1.77 -19.23	42.97 1.91 -20.08	39.29 1.89 -16.40	35.69 1.87 -12.08	31.40 2.02 -5.64	27.20 1.96 -1.97	25.62 1.80 -2.91	23.56 1.44 -1.62
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	25.21 1.41 -0.76	23.41 1.27 -1.34	21.46 1.07 -2.52	20.82 1.02 -2.46	20.52 1.03 -1.72	22.78 1.24 -0.92	25.03 1.25 -2.98	27.46 1.44 -5.21	27.64 1.48 -5.31	29.45 1.53 -7.04	27.97 1.63 -3.97	29.86 1.52 -7.49	30.28 1.59 -7.82	32.29 1.55 -10.31	31.88 1.56 -9.78	31.58 1.51 -10.50	38.97 1.56 -18.39	41.92 1.74 -19.20	38.97 1.70 -16.27	35.80 1.72 -12.34	31.35 1.85 -5.75	27.08 1.79 -2.01	25.50 1.61 -2.97	23.48 1.31 -1.65
POLETTI____ 23519	25.23 1.45 -0.74	23.44 1.33 -1.30	21.43 1.11 -2.45	20.75 1.02 -2.39	20.51 1.07 -1.67	22.78 1.26 -0.89	25.01 1.31 -2.89	27.60 1.73 -5.07	27.90 1.90 -5.15	29.66 1.94 -6.82	28.26 2.04 -3.85	30.03 1.92 -7.26	30.74 1.98 -7.89	32.88 1.94 -10.52	32.41 1.93 -9.94	32.16 1.88 -10.71	39.96 1.88 -19.05	42.86 1.99 -19.89	39.18 1.93 -16.24	35.65 1.94 -11.97	31.44 2.11 -5.58	27.30 2.07 -1.95	25.79 1.99 -2.89	23.63 1.52 -1.60
POMONA____ESR 323819	25.11 1.36 -0.70	23.23 1.19 -1.24	21.23 1.02 -2.34	20.57 0.95 -2.28	20.34 0.98 -1.60	22.63 1.15 -0.85	24.76 1.19 -2.77	27.13 1.48 -4.84	27.37 1.61 -4.92	29.06 1.65 -6.51	27.79 1.75 -3.67	29.43 1.65 -6.93	30.10 1.71 -7.52	32.14 1.69 -10.02	31.69 1.68 -9.47	31.44 1.66 -10.20	38.84 1.67 -18.14	41.72 1.80 -18.94	38.27 1.78 -15.49	34.95 1.78 -11.42	31.00 1.90 -5.36	27.01 1.86 -1.87	25.37 1.69 -2.77	23.38 1.33 -1.54
PORT_JEFF_3 23555	28.04 2.47 -2.53	26.03 2.16 -3.05	22.94 1.88 -3.19	22.11 1.79 -2.99	21.93 1.81 -2.35	26.33 2.14 -3.56	28.14 2.20 -5.13	30.28 2.54 -6.94	32.52 2.75 -8.92	37.05 2.78 -13.38	35.87 2.73 -10.77	37.66 2.46 -14.35	46.02 2.46 -22.69	50.24 2.35 -27.48	84.29 2.32 -61.42	85.77 2.25 -63.95	126.83 2.22 -105.58	126.83 2.39 -103.46	113.31 2.33 -89.98	72.47 2.46 -48.27	44.37 2.75 -17.87	37.66 2.93 -11.45	33.06 2.76 -9.39	28.73 2.32 -5.90
PORT_JEFF_4 23616	28.04 2.47 -2.53	26.03 2.16 -3.05	22.94 1.88 -3.19	22.11 1.79 -2.99	21.93 1.81 -2.35	26.33 2.14 -3.56	28.14 2.20 -5.13	30.28 2.54 -6.94	32.52 2.75 -8.92	37.05 2.78 -13.38	35.87 2.73 -10.77	37.66 2.46 -14.35	46.02 2.46 -22.69	50.24 2.35 -27.48	84.29 2.32 -61.42	85.77 2.25 -63.95	126.83 2.22 -105.58	126.83 2.39 -103.46	113.31 2.33 -89.98	72.47 2.46 -48.27	44.37 2.75 -17.87	37.66 2.93 -11.45	33.06 2.76 -9.39	28.73 2.32 -5.90
PORT_JEFF_IC 23713	28.11 2.53 -2.53	26.09 2.23 -3.05	22.99 1.93 -3.19	22.16 1.84 -2.99	21.98 1.87 -2.35	26.40 2.21 -3.56	28.21 2.27 -5.13	30.35 2.60 -6.94	32.61 2.84 -8.92	37.79 2.86 -14.04	36.52 2.80 -11.35	38.64 2.56 -15.23	47.12 2.59 -23.66	52.84 2.39 -30.03	91.62 2.36 -68.72	93.34 2.31 -71.46	140.30 2.28 -118.99	139.87 2.45 -116.44	124.84 2.39 -101.45	78.15 2.50 -53.91	45.12 2.85 -18.53	38.44 3.05 -12.11	33.13 2.82 -9.39	28.79 2.38 -5.90
PPL PILGRIM_ST_GT1 24216	28.04 2.47 -2.53	26.05 2.18 -3.05	22.94 1.88 -3.19	22.11 1.79 -2.99	21.93 1.81 -2.35	26.33 2.14 -3.56	28.14 2.20 -5.13	30.26 2.52 -6.94	32.49 2.73 -8.91	33.80 2.78 -10.13	33.01 2.75 -7.89	33.35 2.52 -9.98	48.96 2.59 -25.50	37.41 2.45 -14.54	47.08 2.44 -24.09	47.39 2.29 -25.53	58.24 2.26 -36.95	60.44 2.43 -37.03	54.78 2.39 -31.39	43.88 2.56 -19.57	41.22 2.87 -14.61	34.45 3.02 -8.15	33.08 2.78 -9.38	28.77 2.36 -5.90
PPL PILGRIM_ST_GT2 24217	28.04 2.47 -2.53	26.05 2.18 -3.05	22.94 1.88 -3.19	22.11 1.79 -2.99	21.93 1.81 -2.35	26.33 2.14 -3.56	28.14 2.20 -5.13	30.26 2.52 -6.94	32.49 2.73 -8.91	33.80 2.78 -10.13	33.01 2.75 -7.89	33.35 2.52 -9.98	48.96 2.59 -25.50	37.41 2.45 -14.54	47.08 2.44 -24.09	47.39 2.29 -25.53	58.24 2.26 -36.95	60.44 2.43 -37.03	54.78 2.39 -31.39	43.88 2.56 -19.57	41.22 2.87 -14.61	34.45 3.02 -8.15	33.08 2.78 -9.38	28.77 2.36 -5.90
PPL_SHRM_GT3 24213	28.31 2.74 -2.53	26.25 2.39 -3.05	23.15 2.09 -3.19	22.32 1.99 -2.99	22.14 2.03 -2.35	26.56 2.37 -3.56	28.39 2.45 -5.13	30.53 2.79 -6.94	32.79 3.02 -8.92	37.41 3.05 -13.47	36.24 3.02 -10.85	38.09 2.77 -14.47	46.58 2.84 -22.87	51.04 2.80 -27.82	85.74 2.79 -62.41	87.26 2.72 -64.96	129.10 2.68 -107.39	129.11 2.91 -105.21	115.40 2.88 -91.53	73.80 3.02 -49.03	45.03 3.32 -17.96	38.17 3.35 -11.54	33.38 3.08 -9.39	29.02 2.61 -5.90
PPL_SHRM_GT4 24214	28.31 2.74 -2.53	26.25 2.39 -3.05	23.15 2.09 -3.19	22.32 1.99 -2.99	22.14 2.03 -2.35	26.56 2.37 -3.56	28.39 2.45 -5.13	30.53 2.79 -6.94	32.79 3.02 -8.92	37.41 3.05 -13.47	36.24 3.02 -10.85	38.09 2.77 -14.47	46.58 2.84 -22.87	51.04 2.80 -27.82	85.74 2.79 -62.41	87.26 2.72 -64.96	129.10 2.68 -107.39	129.11 2.91 -105.21	115.40 2.88 -91.53	73.80 3.02 -49.03	45.03 3.32 -17.96	38.17 3.35 -11.54	33.38 3.08 -9.39	29.02 2.61 -5.90
PROJECT____ORANGE 1 24174	23.09 -0.02 -0.07	20.84 -0.08 -0.12	17.99 -0.11 -0.22	17.43 -0.12 -0.22	17.78 -0.14 -0.15	20.56 -0.14 -0.08	21.03 -0.04 -0.26	21.14 -0.12 -0.46	21.22 -0.13 -0.50	21.49 -0.06 -0.66	22.74 0.00 -0.37	21.49 -0.06 -0.70	21.55 -0.06 -0.74	21.34 -0.06 -0.98	21.42 -0.04 -0.93	20.49 -0.08 -0.99	20.68 -0.10 -1.75	22.84 0.04 -1.83	22.57 0.04 -1.53	22.94 0.04 -1.15	24.64 -0.07 -0.97	23.70 -0.09 -0.51	21.02 -0.17 -0.28	20.58 -0.08 -0.15
PROJECT____ORANGE 2 24166	23.09 -0.02 -0.07	20.84 -0.08 -0.12	17.99 -0.11 -0.22	17.43 -0.12 -0.22	17.78 -0.14 -0.15	20.56 -0.14 -0.08	21.03 -0.04 -0.26	21.14 -0.12 -0.46	21.22 -0.13 -0.50	21.49 -0.06 -0.66	22.74 0.00 -0.37	21.49 -0.06 -0.70	21.55 -0.06 -0.74	21.34 -0.06 -0.98	21.42 -0.04 -0.93	20.49 -0.08 -0.99	20.68 -0.10 -1.75	22.84 0.04 -1.83	22.57 0.04 -1.53	22.94 0.04 -1.15	24.64 -0.07 -0.97	23.70 -0.09 -0.51	21.02 -0.17 -0.28	20.58 -0.08 -0.15
PUCKETT____SOLAR 323809	23.93 0.64 -0.25	21.63 0.39 -0.43	19.01 0.32 -0.81	18.41 0.28 -0.79	18.63 0.30 -0.55	21.31 0.39 -0.30	22.27 0.48 -0.99	22.97 0.44 -1.73	23.06 0.46 -1.76	23.66 0.44 -2.33	24.18 0.49 -1.31	23.66 0.33 -2.48	23.84 0.35 -2.61	24.20 0.33 -3.45	24.14 0.33 -3.27	23.44 0.35 -3.51	25.49 0.29 -6.18	27.95 0.52 -6.45	27.05 0.63 -5.42	26.54 0.72 -4.08	26.43 0.71 -1.97	24.79 0.70 -0.81	22.24 0.46 -0.87	21.36 0.37 -0.48

PYRITES___HYD 24023	22.42 -0.62 0.00	20.33 -0.48 0.00	17.39 -0.48 0.00	16.92 -0.42 0.00	17.43 -0.34 0.00	20.15 -0.47 0.00	20.39 -0.42 0.00	20.41 -0.40 0.00	20.35 -0.50 0.00	20.35 -0.54 0.00	21.88 -0.49 0.00	20.45 -0.40 0.00	20.41 -0.46 0.00	19.77 -0.65 0.00	19.88 -0.66 0.00	19.04 -0.53 0.00	18.49 -0.53 0.00	20.16 -0.82 0.00	20.20 -0.80 0.00	20.94 -0.80 0.00	23.04 -0.83 -0.13	22.54 -0.84 -0.10	20.20 -0.71 0.00	19.81 -0.70 0.00
QUAKERRD_115KV_BK1 80622	22.60 -0.53 -0.09	20.38 -0.58 -0.15	17.63 -0.54 -0.29	17.08 -0.54 -0.28	17.38 -0.59 -0.20	20.07 -0.66 -0.11	20.55 -0.60 -0.34	20.63 -0.77 -0.60	20.77 -0.71 -0.63	21.09 -0.63 -0.83	22.21 -0.63 -0.47	21.02 -0.71 -0.88	21.11 -0.69 -0.93	21.00 -0.65 -1.23	21.07 -0.64 -1.17	20.16 -0.67 -1.25	20.54 -0.68 -2.20	22.84 -0.44 -2.30	22.53 -0.40 -1.93	22.80 -0.39 -1.45	23.83 -0.59 -0.68	23.05 -0.47 -0.24	20.64 -0.63 -0.35	20.19 -0.51 -0.19
QUENSBRY_115KV_TB8 356137	25.27 1.27 -0.96	23.62 1.12 -1.69	21.99 0.93 -3.18	21.33 0.88 -3.11	20.87 0.92 -2.17	22.90 1.11 -1.16	25.80 1.23 -3.76	28.73 1.33 -6.59	28.93 1.38 -6.71	31.10 1.32 -8.89	28.84 1.45 -5.01	31.58 1.27 -9.46	31.73 1.17 -9.69	34.28 1.16 -12.70	33.80 1.19 -12.07	33.57 1.08 -12.92	42.52 1.05 -22.45	45.70 1.28 -23.44	42.59 1.34 -20.25	38.77 1.43 -15.59	32.58 1.57 -7.27	27.40 1.58 -2.54	25.82 1.15 -3.76	23.56 0.96 -2.09
RAMAPO___LBMP 323565	24.97 1.22 -0.70	23.14 1.10 -1.23	21.13 0.93 -2.33	20.48 0.87 -2.27	20.25 0.89 -1.59	22.53 1.05 -0.85	24.66 1.10 -2.75	27.02 1.39 -4.81	27.27 1.52 -4.89	28.95 1.57 -6.49	27.69 1.66 -3.66	29.29 1.54 -6.90	29.96 1.61 -7.48	31.99 1.59 -9.98	31.57 1.60 -9.43	31.30 1.57 -10.16	38.66 1.58 -18.06	41.53 1.70 -18.86	38.08 1.66 -15.42	34.79 1.67 -11.38	30.85 1.80 -5.31	26.88 1.75 -1.86	25.25 1.59 -2.74	23.29 1.25 -1.52
RANKINE____ 23646	22.78 -0.39 -0.12	20.50 -0.52 -0.22	17.78 -0.50 -0.41	17.22 -0.52 -0.40	17.45 -0.60 -0.28	20.09 -0.68 -0.15	20.69 -0.60 -0.48	20.74 -0.92 -0.85	20.94 -0.79 -0.89	21.42 -0.65 -1.18	22.37 -0.67 -0.66	21.29 -0.81 -1.25	21.40 -0.79 -1.32	21.49 -0.67 -1.74	21.52 -0.68 -1.65	20.59 -0.76 -1.78	21.35 -0.80 -3.12	23.84 -0.40 -3.26	23.44 -0.29 -2.74	23.57 -0.24 -2.06	24.23 -0.47 -0.96	23.48 -0.14 -0.34	20.91 -0.50 -0.50	20.46 -0.33 -0.28
RAVENSWOOD_GT2_1 24244	25.28 1.50 -0.74	23.46 1.35 -1.30	21.45 1.13 -2.45	20.79 1.06 -2.39	20.53 1.08 -1.67	22.80 1.28 -0.89	25.03 1.33 -2.89	27.60 1.73 -5.07	27.92 1.92 -5.15	29.66 1.94 -6.82	28.28 2.06 -3.85	30.05 1.94 -7.26	30.76 2.00 -7.89	32.90 1.96 -10.52	32.43 1.95 -9.94	32.18 1.90 -10.71	39.97 1.90 -19.05	42.88 2.01 -19.89	39.22 1.97 -16.24	35.69 1.98 -11.97	31.49 2.16 -5.58	27.33 2.10 -1.95	25.79 1.99 -2.89	23.65 1.54 -1.60
RAVENSWOOD_GT2_2 24245	25.28 1.50 -0.74	23.46 1.35 -1.30	21.45 1.13 -2.45	20.79 1.06 -2.39	20.53 1.08 -1.67	22.80 1.28 -0.89	25.03 1.33 -2.89	27.60 1.73 -5.07	27.92 1.92 -5.15	29.66 1.94 -6.82	28.28 2.06 -3.85	30.05 1.94 -7.26	30.76 2.00 -7.89	32.90 1.96 -10.52	32.43 1.95 -9.94	32.18 1.90 -10.71	39.97 1.90 -19.05	42.88 2.01 -19.89	39.22 1.97 -16.24	35.69 1.98 -11.97	31.49 2.16 -5.58	27.33 2.10 -1.95	25.79 1.99 -2.89	23.65 1.54 -1.60
RAVENSWOOD_GT2_3 24246	25.28 1.50 -0.74	23.48 1.37 -1.30	21.47 1.14 -2.45	20.79 1.06 -2.39	20.54 1.10 -1.67	22.80 1.28 -0.89	25.05 1.35 -2.89	27.62 1.75 -5.07	27.92 1.92 -5.15	29.68 1.96 -6.82	28.28 2.06 -3.85	30.05 1.94 -7.26	30.78 2.02 -7.89	32.92 1.98 -10.52	32.45 1.97 -9.94	32.20 1.92 -10.71	39.99 1.92 -19.05	42.90 2.03 -19.89	39.22 1.97 -16.24	35.69 1.98 -11.97	31.49 2.16 -5.58	27.35 2.12 -1.95	25.81 2.01 -2.89	23.65 1.54 -1.60
RAVENSWOOD_GT2_4 24247	25.28 1.50 -0.74	23.48 1.37 -1.30	21.47 1.14 -2.45	20.79 1.06 -2.39	20.54 1.10 -1.67	22.80 1.28 -0.89	25.05 1.35 -2.89	27.62 1.75 -5.07	27.92 1.92 -5.15	29.68 1.96 -6.82	28.28 2.06 -3.85	30.05 1.94 -7.26	30.78 2.02 -7.89	32.92 1.98 -10.52	32.45 1.97 -9.94	32.20 1.92 -10.71	39.99 1.92 -19.05	42.90 2.03 -19.89	39.22 1.97 -16.24	35.69 1.98 -11.97	31.49 2.16 -5.58	27.35 2.12 -1.95	25.81 2.01 -2.89	23.65 1.54 -1.60
RAVENSWOOD_GT3_1 24248	25.28 1.50 -0.74	23.46 1.35 -1.30	21.45 1.13 -2.45	20.79 1.06 -2.39	20.53 1.08 -1.67	22.80 1.28 -0.89	25.03 1.33 -2.89	27.62 1.75 -5.07	27.92 1.92 -5.15	29.68 1.96 -6.82	28.28 2.06 -3.85	30.05 1.94 -7.26	30.76 2.00 -7.89	32.90 1.96 -10.52	32.43 1.95 -9.94	32.18 1.90 -10.71	39.97 1.90 -19.05	42.88 2.01 -19.89	39.22 1.97 -16.24	35.69 1.98 -11.97	31.49 2.16 -5.58	27.33 2.10 -1.95	25.79 1.99 -2.89	23.65 1.54 -1.60
RAVENSWOOD_GT3_2 24249	25.28 1.50 -0.74	23.46 1.35 -1.30	21.45 1.13 -2.45	20.79 1.06 -2.39	20.53 1.08 -1.67	22.80 1.28 -0.89	25.03 1.33 -2.89	27.62 1.75 -5.07	27.92 1.92 -5.15	29.68 1.96 -6.82	28.28 2.06 -3.85	30.05 1.94 -7.26	30.76 2.00 -7.89	32.90 1.96 -10.52	32.43 1.95 -9.94	32.18 1.90 -10.71	39.97 1.90 -19.05	42.88 2.01 -19.89	39.22 1.97 -16.24	35.69 1.98 -11.97	31.49 2.16 -5.58	27.33 2.10 -1.95	25.79 1.99 -2.89	23.65 1.54 -1.60
RAVENSWOOD_GT3_3 24250	25.30 1.52 -0.74	23.50 1.39 -1.30	21.48 1.16 -2.45	20.80 1.08 -2.39	20.54 1.10 -1.67	22.82 1.30 -0.89	25.05 1.35 -2.89	27.64 1.77 -5.07	27.94 1.94 -5.15	29.70 1.98 -6.82	28.30 2.08 -3.85	30.07 1.96 -7.26	30.80 2.05 -7.89	32.94 2.00 -10.52	32.47 1.99 -9.94	32.22 1.94 -10.71	40.01 1.94 -19.05	42.92 2.06 -19.89	39.26 2.02 -16.24	35.73 2.02 -11.97	31.51 2.18 -5.58	27.37 2.14 -1.95	25.83 2.03 -2.89	23.67 1.56 -1.60
RAVENSWOOD_GT3_4 24251	25.30 1.52 -0.74	23.50 1.39 -1.30	21.48 1.16 -2.45	20.80 1.08 -2.39	20.54 1.10 -1.67	22.82 1.30 -0.89	25.05 1.35 -2.89	27.64 1.77 -5.07	27.94 1.94 -5.15	29.70 1.98 -6.82	28.30 2.08 -3.85	30.07 1.96 -7.26	30.80 2.05 -7.89	32.94 2.00 -10.52	32.47 1.99 -9.94	32.22 1.94 -10.71	40.01 1.94 -19.05	42.92 2.06 -19.89	39.26 2.02 -16.24	35.73 2.02 -11.97	31.51 2.18 -5.58	27.37 2.14 -1.95	25.83 2.03 -2.89	23.67 1.56 -1.60
RAVENSWOOD_GT_1 23729	25.42 1.64 -0.74	23.54 1.43 -1.30	21.54 1.22 -2.45	20.85 1.13 -2.39	20.58 1.14 -1.67	22.88 1.36 -0.89	25.08 1.37 -2.90	27.69 1.81 -5.08	27.98 1.98 -5.15	29.74 2.03 -6.82	28.35 2.13 -3.85	30.13 2.02 -7.26	30.90 2.13 -7.89	33.04 2.08 -10.53	32.54 2.05 -9.95	32.31 2.02 -10.72	40.02 1.94 -19.06	42.93 2.06 -19.89	39.26 2.02 -16.24	35.69 1.98 -11.97	31.61 2.26 -5.62	27.45 2.21 -1.96	25.92 2.09 -2.91	23.74 1.62 -1.61
RAVENSWOOD_GT_10 24258	25.28 1.50 -0.74	23.46 1.35 -1.30	21.45 1.13 -2.45	20.79 1.06 -2.39	20.53 1.08 -1.67	22.80 1.28 -0.89	25.03 1.33 -2.89	27.60 1.73 -5.07	27.92 1.92 -5.15	29.66 1.94 -6.82	28.28 2.06 -3.85	30.05 1.94 -7.26	30.76 2.00 -7.89	32.90 1.96 -10.52	32.43 1.95 -9.94	32.18 1.90 -10.71	39.97 1.90 -19.05	42.88 2.01 -19.89	39.22 1.97 -16.24	35.69 1.98 -11.97	31.49 2.16 -5.58	27.33 2.10 -1.95	25.79 1.99 -2.89	23.63 1.52 -1.60

RAVENSWOOD_GT_11 24259	25.30 1.52 -0.74	23.46 1.35 -1.30	21.47 1.14 -2.45	20.80 1.08 -2.39	20.53 1.08 -1.67	22.82 1.30 -0.89	25.04 1.33 -2.90	27.61 1.73 -5.08	27.92 1.92 -5.15	29.68 1.96 -6.82	28.28 2.06 -3.85	30.05 1.94 -7.26	30.76 2.00 -7.89	32.90 1.96 -10.52	32.43 1.95 -9.94	32.20 1.92 -10.71	39.95 1.88 -19.05	42.88 2.01 -19.89	39.22 1.97 -16.24	35.67 1.96 -11.97	31.49 2.14 -5.62	27.36 2.12 -1.96	25.80 1.99 -2.90	23.66 1.54 -1.61
RAVENSWOOD_GT_4 24252	25.26 1.47 -0.74	23.46 1.35 -1.30	21.45 1.13 -2.45	20.77 1.04 -2.39	20.53 1.08 -1.67	22.80 1.28 -0.89	25.03 1.33 -2.89	27.60 1.73 -5.07	27.90 1.90 -5.15	29.66 1.94 -6.82	28.26 2.04 -3.85	30.03 1.92 -7.26	30.76 2.00 -7.88	32.90 1.96 -10.52	32.40 1.93 -9.93	32.18 1.90 -10.70	39.95 1.88 -19.04	42.88 2.01 -19.89	39.22 1.97 -16.24	35.69 1.98 -11.97	31.46 2.14 -5.58	27.33 2.10 -1.95	25.76 1.97 -2.88	23.63 1.52 -1.60
RAVENSWOOD_GT_5 24254	25.26 1.47 -0.74	23.46 1.35 -1.30	21.45 1.13 -2.45	20.77 1.04 -2.39	20.53 1.08 -1.67	22.80 1.28 -0.89	25.03 1.33 -2.89	27.60 1.73 -5.07	27.90 1.90 -5.15	29.66 1.94 -6.82	28.26 2.04 -3.85	30.03 1.92 -7.26	30.76 2.00 -7.88	32.90 1.96 -10.52	32.40 1.93 -9.93	32.18 1.90 -10.70	39.95 1.88 -19.04	42.88 2.01 -19.89	39.22 1.97 -16.24	35.69 1.98 -11.97	31.46 2.14 -5.58	27.33 2.10 -1.95	25.76 1.97 -2.88	23.63 1.52 -1.60
RAVENSWOOD_GT_6 24253	25.26 1.47 -0.74	23.46 1.35 -1.30	21.45 1.13 -2.45	20.77 1.04 -2.39	20.53 1.08 -1.67	22.80 1.28 -0.89	25.03 1.33 -2.89	27.60 1.73 -5.07	27.90 1.90 -5.15	29.66 1.94 -6.82	28.26 2.04 -3.85	30.03 1.92 -7.26	30.76 2.00 -7.88	32.90 1.96 -10.52	32.40 1.93 -9.93	32.18 1.90 -10.70	39.95 1.88 -19.04	42.88 2.01 -19.89	39.22 1.97 -16.24	35.69 1.98 -11.97	31.46 2.14 -5.58	27.33 2.10 -1.95	25.76 1.97 -2.88	23.63 1.52 -1.60
RAVENSWOOD_GT_7 24255	25.26 1.47 -0.74	23.46 1.35 -1.30	21.45 1.13 -2.45	20.77 1.04 -2.39	20.53 1.08 -1.67	22.80 1.28 -0.89	25.03 1.33 -2.89	27.60 1.73 -5.07	27.90 1.90 -5.15	29.66 1.94 -6.82	28.26 2.04 -3.85	30.03 1.92 -7.26	30.76 2.00 -7.88	32.90 1.96 -10.52	32.40 1.93 -9.93	32.18 1.90 -10.70	39.95 1.88 -19.04	42.88 2.01 -19.89	39.22 1.97 -16.24	35.69 1.98 -11.97	31.46 2.14 -5.58	27.33 2.10 -1.95	25.76 1.97 -2.88	23.63 1.52 -1.60
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	25.28 1.50 -0.74	23.46 1.35 -1.30	21.45 1.13 -2.45	20.79 1.06 -2.39	20.53 1.08 -1.67	22.80 1.28 -0.89	25.03 1.33 -2.89	27.60 1.73 -5.07	27.92 1.92 -5.15	29.66 1.94 -6.82	28.28 2.06 -3.85	30.05 1.94 -7.26	30.76 2.00 -7.89	32.90 1.96 -10.52	32.43 1.95 -9.94	32.18 1.90 -10.71	39.97 1.90 -19.05	42.88 2.01 -19.89	39.22 1.97 -16.24	35.69 1.98 -11.97	31.49 2.16 -5.58	27.33 2.10 -1.95	25.79 1.99 -2.89	23.63 1.52 -1.60
RAVENSWOOD_GT_9 24257	25.28 1.50 -0.74	23.46 1.35 -1.30	21.45 1.13 -2.45	20.79 1.06 -2.39	20.53 1.08 -1.67	22.80 1.28 -0.89	25.03 1.33 -2.89	27.60 1.73 -5.07	27.92 1.92 -5.15	29.66 1.94 -6.82	28.28 2.06 -3.85	30.05 1.94 -7.26	30.76 2.00 -7.89	32.90 1.96 -10.52	32.43 1.95 -9.94	32.18 1.90 -10.71	39.97 1.90 -19.05	42.88 2.01 -19.89	39.22 1.97 -16.24	35.69 1.98 -11.97	31.49 2.16 -5.58	27.33 2.10 -1.95	25.79 1.99 -2.89	23.63 1.52 -1.60
RAVENSWOOD___1 23533	25.40 1.61 -0.74	23.52 1.42 -1.30	21.52 1.20 -2.45	20.85 1.13 -2.39	20.58 1.14 -1.67	22.86 1.34 -0.89	25.06 1.35 -2.90	27.69 1.81 -5.08	27.96 1.96 -5.15	29.74 2.03 -6.82	28.32 2.10 -3.85	30.11 2.00 -7.26	30.87 2.11 -7.89	33.01 2.06 -10.53	32.52 2.03 -9.95	32.29 2.00 -10.72	40.02 1.94 -19.05	42.93 2.06 -19.89	39.26 2.02 -16.24	35.69 1.98 -11.97	31.59 2.23 -5.62	27.43 2.19 -1.96	25.89 2.07 -2.91	23.72 1.60 -1.61
RAVENSWOOD___2 23534	25.40 1.61 -0.74	23.52 1.42 -1.30	21.52 1.20 -2.45	20.84 1.11 -2.39	20.56 1.12 -1.67	22.86 1.34 -0.89	25.04 1.33 -2.90	27.67 1.79 -5.08	27.96 1.96 -5.15	29.72 2.01 -6.82	28.32 2.10 -3.85	30.11 2.00 -7.26	30.85 2.09 -7.89	32.99 2.04 -10.53	32.52 2.03 -9.95	32.29 2.00 -10.72	40.00 1.92 -19.05	42.90 2.03 -19.89	39.24 2.00 -16.24	35.67 1.96 -11.97	31.59 2.23 -5.62	27.41 2.17 -1.96	25.89 2.07 -2.91	23.72 1.60 -1.61
RAVENSWOOD___3 23535	25.33 1.54 -0.74	23.46 1.35 -1.30	21.47 1.14 -2.45	20.80 1.08 -2.39	20.53 1.08 -1.67	22.84 1.32 -0.89	25.06 1.35 -2.90	27.63 1.75 -5.08	27.92 1.92 -5.15	29.68 1.96 -6.82	28.28 2.06 -3.85	30.05 1.94 -7.26	30.76 2.00 -7.89	32.90 1.96 -10.52	32.43 1.95 -9.94	32.20 1.92 -10.71	39.96 1.88 -19.05	42.88 2.01 -19.89	39.22 1.97 -16.24	35.67 1.96 -11.97	31.52 2.16 -5.62	27.36 2.12 -1.96	25.80 1.99 -2.90	23.66 1.54 -1.61
RAVENSWOOD___4 23820	25.39 1.61 -0.74	23.50 1.39 -1.30	21.52 1.20 -2.45	20.84 1.11 -2.39	20.56 1.12 -1.67	22.84 1.32 -0.89	25.04 1.33 -2.90	27.67 1.79 -5.08	27.94 1.94 -5.15	29.72 2.01 -6.82	28.32 2.10 -3.85	30.09 1.98 -7.26	30.85 2.09 -7.89	32.99 2.04 -10.53	32.50 2.01 -9.94	32.26 1.98 -10.72	40.00 1.92 -19.05	42.90 2.03 -19.89	39.24 2.00 -16.24	35.67 1.96 -11.97	31.59 2.23 -5.62	27.41 2.17 -1.96	25.89 2.07 -2.91	23.72 1.60 -1.61
RCPI_TRUST___DRP 24196	25.28 1.50 -0.74	23.48 1.37 -1.30	21.47 1.14 -2.45	20.79 1.06 -2.39	20.54 1.10 -1.67	22.82 1.30 -0.89	25.07 1.37 -2.89	27.66 1.79 -5.07	27.96 1.96 -5.15	29.72 2.01 -6.82	28.35 2.13 -3.85	30.11 2.00 -7.26	30.82 2.07 -7.89	32.96 2.02 -10.52	32.49 2.01 -9.94	32.24 1.96 -10.71	40.03 1.96 -19.05	42.94 2.08 -19.89	39.26 2.02 -16.24	35.73 2.02 -11.97	31.51 2.18 -5.58	27.37 2.14 -1.95	25.83 2.03 -2.89	23.67 1.56 -1.60
RED___ROCHESTER 323720	23.43 0.30 -0.09	20.95 -0.02 -0.16	18.25 0.07 -0.30	17.67 0.03 -0.29	17.98 0.00 -0.21	20.76 0.02 -0.11	21.24 0.06 -0.37	21.26 -0.19 -0.64	21.40 -0.10 -0.65	21.76 0.00 -0.86	22.88 0.02 -0.49	21.66 -0.10 -0.92	21.76 -0.08 -0.97	21.68 -0.02 -1.28	21.75 0.00 -1.21	20.94 0.06 -1.30	21.21 -0.11 -2.29	23.64 0.27 -2.39	23.35 0.33 -2.01	23.65 0.39 -1.52	24.58 0.19 -0.65	23.86 0.35 -0.23	21.29 0.04 -0.34	20.80 0.10 -0.19
REGAN___SOLAR 323812	26.27 2.26 -0.97	24.44 1.94 -1.70	22.69 1.61 -3.21	22.03 1.56 -3.13	21.58 1.62 -2.19	23.74 1.94 -1.17	26.81 2.20 -3.79	29.66 2.20 -6.65	29.78 2.17 -6.76	31.94 2.09 -8.96	30.11 2.68 -5.05	32.69 2.31 -9.53	32.95 2.25 -9.82	35.14 1.84 -12.88	34.55 1.77 -12.24	34.37 1.68 -13.11	43.53 1.67 -22.83	46.94 2.12 -23.84	43.75 2.27 -20.49	39.86 2.41 -15.71	34.77 2.47 -8.56	28.62 2.35 -2.99	27.11 1.78 -4.42	24.57 1.60 -2.46
RENSSELAER___COGEN 23796	24.62 0.64 -0.93	22.99 0.54 -1.64	21.45 0.48 -3.10	20.83 0.47 -3.02	20.36 0.48 -2.11	22.29 0.54 -1.13	25.03 0.56 -3.66	27.84 0.62 -6.41	28.06 0.69 -6.52	30.22 0.69 -8.64	28.01 0.76 -4.87	30.73 0.69 -9.20	30.98 0.67 -9.44	33.45 0.65 -12.38	32.96 0.66 -11.76	32.80 0.63 -12.60	41.52 0.59 -21.90	44.54 0.69 -22.87	41.43 0.71 -19.72	37.66 0.76 -15.16	31.77 0.81 -7.22	26.59 0.79 -2.52	25.31 0.67 -3.73	23.11 0.53 -2.07

REPUBLIC_115KV_BARTNBRK 55605	26.49 2.49 -0.96	24.68 2.18 -1.69	22.84 1.79 -3.18	22.18 1.73 -3.11	21.74 1.79 -2.17	23.95 2.17 -1.16	26.96 2.39 -3.76	29.91 2.52 -6.58	30.10 2.54 -6.71	32.31 2.53 -8.89	30.34 2.95 -5.01	32.95 2.65 -9.45	32.94 2.38 -9.69	35.32 2.21 -12.69	34.82 2.22 -12.06	34.48 2.00 -12.91	43.42 1.96 -22.43	46.75 2.35 -23.43	43.70 2.46 -20.24	39.96 2.63 -15.59	34.00 2.99 -7.27	28.73 2.91 -2.54	26.83 2.15 -3.76	24.51 1.91 -2.09
REVERE_CPPR_DRP 24186	23.89 0.81 -0.04	21.50 0.62 -0.07	18.38 0.38 -0.13	17.83 0.36 -0.13	18.25 0.39 -0.09	21.19 0.52 -0.05	21.61 0.65 -0.15	21.81 0.73 -0.27	21.78 0.65 -0.28	21.92 0.65 -0.38	23.37 0.78 -0.21	21.92 0.67 -0.40	21.98 0.69 -0.42	21.53 0.55 -0.56	21.58 0.51 -0.53	20.61 0.47 -0.57	20.46 0.44 -1.00	22.67 0.65 -1.04	22.59 0.71 -0.87	23.14 0.74 -0.66	25.12 0.83 -0.55	24.33 0.77 -0.29	21.64 0.56 -0.16	21.09 0.49 -0.09
REYNOLDS_115KV_TB3 80639	24.81 0.83 -0.93	23.16 0.71 -1.64	21.60 0.63 -3.10	20.99 0.62 -3.02	20.52 0.64 -2.11	22.48 0.72 -1.13	25.18 0.71 -3.66	28.01 0.79 -6.41	28.21 0.83 -6.53	30.40 0.86 -8.65	28.17 0.92 -4.88	30.89 0.83 -9.21	31.09 0.81 -9.41	33.53 0.80 -12.31	33.05 0.80 -11.71	32.85 0.74 -12.53	41.47 0.70 -21.75	44.52 0.84 -22.71	41.53 0.86 -19.67	37.81 0.89 -15.17	31.79 0.97 -7.08	26.73 0.98 -2.47	25.41 0.84 -3.66	23.20 0.66 -2.03
RIVERBAY____ 323610	25.63 1.84 -0.75	23.78 1.66 -1.31	21.72 1.39 -2.45	21.01 1.28 -2.39	20.76 1.32 -1.67	22.98 1.46 -0.89	25.14 1.44 -2.89	27.83 1.96 -5.07	28.04 2.04 -5.15	29.81 2.09 -6.82	28.48 2.26 -3.85	30.28 2.17 -7.26	31.06 2.30 -7.89	33.07 2.12 -10.53	32.56 2.07 -9.95	32.36 2.07 -10.72	40.17 2.09 -19.05	42.95 2.08 -19.89	39.30 2.06 -16.24	35.80 2.09 -11.97	31.75 2.42 -5.58	27.58 2.35 -1.95	26.09 2.28 -2.89	23.92 1.81 -1.60
RIVERSDE_115KV_TB3 55908	24.74 0.76 -0.94	23.10 0.65 -1.65	21.55 0.57 -3.11	20.92 0.55 -3.03	20.46 0.57 -2.12	22.40 0.64 -1.13	25.14 0.67 -3.67	27.96 0.73 -6.42	28.18 0.79 -6.54	30.38 0.81 -8.67	28.16 0.89 -4.89	30.87 0.79 -9.22	31.09 0.77 -9.45	33.55 0.76 -12.38	33.07 0.76 -11.76	32.87 0.70 -12.60	41.57 0.67 -21.88	44.62 0.80 -22.85	41.56 0.82 -19.74	37.80 0.85 -15.21	31.76 0.93 -7.09	26.67 0.91 -2.48	25.35 0.77 -3.67	23.14 0.59 -2.03
ROARING__BROOK_WT_PWR 323790	22.79 -0.25 0.00	20.56 -0.25 0.00	17.69 -0.18 0.00	17.18 -0.16 0.00	17.65 -0.12 0.00	20.50 -0.12 0.00	20.68 -0.12 0.00	20.68 -0.12 0.00	20.72 -0.12 0.00	20.75 -0.15 0.00	22.15 -0.22 0.00	20.58 -0.27 0.00	20.54 -0.33 0.00	20.01 -0.41 0.00	20.07 -0.47 0.00	19.10 -0.47 0.00	18.59 -0.44 0.00	20.58 -0.40 0.00	20.56 -0.44 0.00	21.28 -0.46 0.00	23.24 -0.50 0.00	22.74 -0.53 0.00	20.41 -0.50 0.00	20.06 -0.45 0.00
ROCHESRG_115KV_T4 355643	23.04 -0.09 -0.09	20.78 -0.19 -0.16	17.97 -0.20 -0.30	17.42 -0.21 -0.29	17.71 -0.27 -0.20	20.45 -0.29 -0.11	20.93 -0.23 -0.35	20.99 -0.44 -0.62	21.14 -0.35 -0.65	21.48 -0.27 -0.86	22.61 -0.25 -0.48	21.39 -0.38 -0.91	21.48 -0.35 -0.96	21.41 -0.29 -1.27	21.48 -0.27 -1.20	20.53 -0.33 -1.29	20.94 -0.36 -2.27	23.33 -0.02 -2.37	23.01 0.02 -1.99	23.31 0.07 -1.50	24.30 -0.14 -0.70	23.57 0.05 -0.24	21.07 -0.21 -0.36	20.63 -0.08 -0.20
ROCHESTER_9_IC 23652	23.20 0.07 -0.09	20.90 -0.06 -0.16	18.08 -0.09 -0.30	17.53 -0.10 -0.29	17.82 -0.16 -0.21	20.57 -0.16 -0.11	21.08 -0.08 -0.35	21.14 -0.29 -0.62	21.29 -0.21 -0.65	21.63 -0.13 -0.86	22.77 -0.09 -0.49	21.54 -0.23 -0.92	21.65 -0.19 -0.97	21.56 -0.14 -1.28	21.63 -0.12 -1.21	20.68 -0.20 -1.30	21.09 -0.23 -2.29	23.52 0.15 -2.39	23.20 0.19 -2.01	23.50 0.24 -1.52	24.49 0.05 -0.71	23.74 0.21 -0.25	21.22 -0.06 -0.36	20.76 0.04 -0.20
ROCKVIEW_13_KV_LD 356306	25.30 1.52 -0.74	23.48 1.37 -1.30	21.47 1.14 -2.45	20.80 1.08 -2.39	20.54 1.10 -1.67	22.84 1.32 -0.89	25.07 1.37 -2.89	27.60 1.73 -5.07	27.90 1.90 -5.15	29.64 1.92 -6.82	28.28 2.06 -3.85	30.03 1.92 -7.26	30.76 2.00 -7.89	32.90 1.96 -10.52	32.43 1.95 -9.94	32.18 1.90 -10.71	39.97 1.90 -19.04	42.94 2.08 -19.89	39.28 2.04 -16.24	35.73 2.02 -11.97	31.51 2.18 -5.58	27.35 2.12 -1.95	25.74 1.94 -2.89	23.67 1.56 -1.60
ROME____115KV_TB2 80656	23.89 0.81 -0.04	21.50 0.62 -0.07	18.38 0.38 -0.13	17.83 0.36 -0.13	18.25 0.39 -0.09	21.19 0.52 -0.05	21.61 0.65 -0.15	21.81 0.73 -0.27	21.78 0.65 -0.28	21.92 0.65 -0.38	23.37 0.78 -0.21	21.92 0.67 -0.40	21.98 0.69 -0.42	21.53 0.55 -0.56	21.58 0.51 -0.53	20.61 0.47 -0.57	20.46 0.44 -1.00	22.67 0.65 -1.04	22.59 0.71 -0.87	23.14 0.74 -0.66	25.12 0.83 -0.55	24.33 0.77 -0.29	21.64 0.56 -0.16	21.09 0.49 -0.09
ROSETON__1 23587	25.00 1.22 -0.74	23.19 1.08 -1.30	21.25 0.93 -2.45	20.61 0.88 -2.39	20.33 0.89 -1.67	22.59 1.07 -0.89	24.79 1.08 -2.90	27.19 1.31 -5.07	27.42 1.42 -5.15	29.18 1.46 -6.82	27.76 1.54 -3.85	29.55 1.44 -7.26	30.24 1.50 -7.86	32.37 1.47 -10.48	31.92 1.48 -9.90	31.69 1.45 -10.67	39.41 1.43 -18.95	42.35 1.57 -19.80	38.74 1.53 -16.21	35.25 1.54 -11.97	31.02 1.66 -5.61	26.87 1.63 -1.96	25.30 1.48 -2.90	23.31 1.19 -1.61
ROSETON__2 23588	25.00 1.22 -0.74	23.19 1.08 -1.30	21.25 0.93 -2.45	20.61 0.88 -2.39	20.33 0.89 -1.67	22.59 1.07 -0.89	24.79 1.08 -2.90	27.19 1.31 -5.07	27.42 1.42 -5.15	29.18 1.46 -6.82	27.76 1.54 -3.85	29.55 1.44 -7.26	30.24 1.50 -7.86	32.37 1.47 -10.48	31.92 1.48 -9.90	31.69 1.45 -10.67	39.41 1.43 -18.95	42.35 1.57 -19.80	38.74 1.53 -16.21	35.25 1.54 -11.97	31.02 1.66 -5.61	26.87 1.63 -1.96	25.30 1.48 -2.90	23.31 1.19 -1.61
ROTTRDAM_115KV_TB3 80664	24.96 0.94 -0.97	23.34 0.83 -1.70	21.78 0.70 -3.21	21.15 0.68 -3.13	20.65 0.69 -2.19	22.60 0.80 -1.17	25.45 0.85 -3.79	28.38 0.94 -6.64	28.59 0.98 -6.76	30.83 0.98 -8.96	28.50 1.07 -5.05	31.36 0.98 -9.53	31.65 0.96 -9.82	34.25 0.94 -12.88	33.72 0.94 -12.24	33.57 0.88 -13.11	42.72 0.86 -22.83	45.83 1.01 -23.84	42.51 1.03 -20.49	38.54 1.09 -15.71	32.23 1.16 -7.33	26.98 1.14 -2.56	25.66 0.96 -3.79	23.41 0.80 -2.10
RUSSELL__1 23602	23.32 0.18 -0.09	21.01 0.04 -0.16	18.17 0.00 -0.30	17.60 -0.03 -0.29	17.90 -0.07 -0.21	20.67 -0.06 -0.11	21.16 0.00 -0.35	21.26 -0.17 -0.62	21.40 -0.10 -0.65	21.76 0.00 -0.86	22.91 0.04 -0.49	21.66 -0.10 -0.92	21.76 -0.08 -0.97	21.68 -0.02 -1.28	21.75 0.00 -1.21	20.80 -0.08 -1.30	21.20 -0.11 -2.29	23.64 0.27 -2.39	23.33 0.31 -2.01	23.65 0.39 -1.52	24.64 0.19 -0.71	23.87 0.35 -0.25	21.34 0.06 -0.36	20.88 0.16 -0.20
RUSSELL__2 23532	23.32 0.18 -0.09	21.01 0.04 -0.16	18.17 0.00 -0.30	17.60 -0.03 -0.29	17.90 -0.07 -0.21	20.67 -0.06 -0.11	21.16 0.00 -0.35	21.26 -0.17 -0.62	21.40 -0.10 -0.65	21.76 0.00 -0.86	22.91 0.04 -0.49	21.66 -0.10 -0.92	21.76 -0.08 -0.97	21.68 -0.02 -1.28	21.75 0.00 -1.21	20.80 -0.08 -1.30	21.20 -0.11 -2.29	23.64 0.27 -2.39	23.33 0.31 -2.01	23.65 0.39 -1.52	24.64 0.19 -0.71	23.87 0.35 -0.25	21.34 0.06 -0.36	20.88 0.16 -0.20

RUSSELL___3 23549	23.32 0.18 -0.09	21.01 0.04 -0.16	18.17 0.00 -0.30	17.60 -0.03 -0.29	17.90 -0.07 -0.21	20.67 -0.06 -0.11	21.16 0.00 -0.35	21.26 -0.17 -0.62	21.40 -0.10 -0.65	21.76 0.00 -0.86	22.91 0.04 -0.49	21.66 -0.10 -0.92	21.76 -0.08 -0.97	21.68 -0.02 -1.28	21.75 0.00 -1.21	20.80 -0.08 -1.30	21.20 -0.11 -2.29	23.64 0.27 -2.39	23.33 0.31 -2.01	23.65 0.39 -1.52	24.64 0.19 -0.71	23.87 0.35 -0.25	21.34 0.06 -0.36	20.88 0.16 -0.20
RUSSELL___4 23556	23.32 0.18 -0.09	21.01 0.04 -0.16	18.17 0.00 -0.30	17.60 -0.03 -0.29	17.90 -0.07 -0.21	20.67 -0.06 -0.11	21.16 0.00 -0.35	21.26 -0.17 -0.62	21.40 -0.10 -0.65	21.76 0.00 -0.86	22.91 0.04 -0.49	21.66 -0.10 -0.92	21.76 -0.08 -0.97	21.68 -0.02 -1.28	21.75 0.00 -1.21	20.80 -0.08 -1.30	21.20 -0.11 -2.29	23.64 0.27 -2.39	23.33 0.31 -2.01	23.65 0.39 -1.52	24.64 0.19 -0.71	23.87 0.35 -0.25	21.34 0.06 -0.36	20.88 0.16 -0.20
RUSSELL___STATION 23914	23.32 0.18 -0.09	21.01 0.04 -0.16	18.17 0.00 -0.30	17.60 -0.03 -0.29	17.90 -0.07 -0.21	20.67 -0.06 -0.11	21.16 0.00 -0.35	21.26 -0.17 -0.62	21.40 -0.10 -0.65	21.76 0.00 -0.86	22.91 0.04 -0.49	21.66 -0.10 -0.92	21.76 -0.08 -0.97	21.68 -0.02 -1.28	21.75 0.00 -1.21	20.80 -0.08 -1.30	21.20 -0.11 -2.29	23.64 0.27 -2.39	23.33 0.31 -2.01	23.65 0.39 -1.52	24.64 0.19 -0.71	23.87 0.35 -0.25	21.34 0.06 -0.36	20.88 0.16 -0.20
S SALMON___HYD 24043	23.03 -0.07 -0.05	20.73 -0.17 -0.09	17.85 -0.20 -0.18	17.32 -0.19 -0.17	17.70 -0.20 -0.12	20.48 -0.21 -0.06	20.81 -0.21 -0.21	20.87 -0.31 -0.37	20.90 -0.33 -0.38	21.08 -0.31 -0.50	22.34 -0.31 -0.28	21.05 -0.33 -0.54	21.10 -0.33 -0.57	20.82 -0.35 -0.75	20.90 -0.35 -0.71	19.96 -0.37 -0.76	19.94 -0.42 -1.34	22.08 -0.29 -1.40	21.94 -0.23 -1.17	22.43 -0.20 -0.88	24.96 -0.19 -1.41	24.04 -0.14 -0.90	20.88 -0.23 -0.20	20.44 -0.18 -0.11
S.PERRY___115KV_TB1 80734	23.89 0.71 -0.13	21.51 0.48 -0.22	18.63 0.34 -0.42	18.04 0.29 -0.41	18.32 0.27 -0.29	21.15 0.37 -0.15	21.70 0.40 -0.50	21.72 0.04 -0.87	21.70 -0.06 -0.91	22.02 -0.08 -1.21	23.01 -0.04 -0.68	22.01 -0.13 -1.29	22.08 -0.15 -1.36	22.03 -0.18 -1.80	22.06 -0.18 -1.70	21.15 -0.25 -1.83	22.01 -0.23 -3.21	24.63 0.29 -3.36	24.34 0.52 -2.82	24.58 0.72 -2.12	25.42 0.69 -0.99	24.46 0.84 -0.35	21.91 0.48 -0.51	21.29 0.49 -0.28
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	22.68 -0.48 -0.12	20.41 -0.60 -0.21	17.71 -0.55 -0.39	17.13 -0.59 -0.38	17.36 -0.68 -0.27	20.00 -0.76 -0.14	20.56 -0.71 -0.46	20.54 -1.08 -0.81	20.76 -0.94 -0.85	21.22 -0.79 -1.13	22.18 -0.83 -0.63	21.07 -0.98 -1.20	21.20 -0.94 -1.26	21.27 -0.82 -1.67	21.30 -0.82 -1.58	20.37 -0.90 -1.70	21.08 -0.93 -2.99	23.57 -0.52 -3.12	23.18 -0.44 -2.62	23.32 -0.39 -1.97	24.02 -0.64 -0.92	23.30 -0.30 -0.32	20.76 -0.63 -0.48	20.37 -0.41 -0.26
SAWYER___23_KV_LOAD 55526	22.68 -0.48 -0.12	20.41 -0.60 -0.21	17.71 -0.55 -0.39	17.13 -0.59 -0.38	17.36 -0.68 -0.27	20.00 -0.76 -0.14	20.56 -0.71 -0.46	20.54 -1.08 -0.81	20.76 -0.94 -0.85	21.22 -0.79 -1.13	22.18 -0.83 -0.63	21.07 -0.98 -1.20	21.20 -0.94 -1.26	21.27 -0.82 -1.67	21.30 -0.82 -1.58	20.37 -0.90 -1.70	21.08 -0.93 -2.99	23.57 -0.52 -3.12	23.18 -0.44 -2.62	23.32 -0.39 -1.97	24.02 -0.64 -0.92	23.30 -0.30 -0.32	20.76 -0.63 -0.48	20.37 -0.41 -0.26
SELKIRK___I 23801	24.86 0.90 -0.92	23.19 0.77 -1.62	21.58 0.66 -3.05	20.95 0.64 -2.97	20.51 0.66 -2.08	22.50 0.76 -1.11	25.18 0.77 -3.61	27.96 0.83 -6.31	28.13 0.86 -6.42	30.28 0.88 -8.51	28.11 0.94 -4.80	30.74 0.83 -9.05	31.06 0.81 -9.38	33.54 0.80 -12.32	33.04 0.80 -11.70	32.88 0.76 -12.54	41.62 0.70 -21.89	44.68 0.84 -22.86	41.42 0.88 -19.54	37.60 0.93 -14.92	31.84 1.02 -7.08	26.75 1.00 -2.47	25.41 0.84 -3.66	23.26 0.72 -2.03
SELKIRK___II 23799	24.71 0.74 -0.93	23.07 0.62 -1.64	21.52 0.55 -3.09	20.89 0.54 -3.01	20.43 0.55 -2.11	22.37 0.62 -1.13	25.11 0.65 -3.65	27.91 0.71 -6.40	28.12 0.77 -6.50	30.28 0.77 -8.62	28.08 0.85 -4.86	30.77 0.75 -9.17	31.10 0.75 -9.47	33.60 0.73 -12.44	33.09 0.74 -11.81	32.94 0.70 -12.66	41.76 0.67 -22.07	44.82 0.80 -23.05	41.55 0.80 -19.75	37.70 0.85 -15.12	31.82 0.90 -7.18	26.67 0.88 -2.51	25.40 0.77 -3.71	23.21 0.64 -2.06
SENECA OSWGO___HYD 24041	22.92 -0.19 -0.06	20.64 -0.27 -0.10	17.84 -0.23 -0.20	17.29 -0.24 -0.19	17.66 -0.25 -0.13	20.41 -0.29 -0.07	20.70 -0.33 -0.23	20.79 -0.42 -0.40	20.81 -0.44 -0.40	21.03 -0.40 -0.53	22.32 -0.36 -0.30	21.02 -0.40 -0.57	21.07 -0.40 -0.60	20.83 -0.39 -0.79	20.90 -0.39 -0.75	20.01 -0.37 -0.81	20.06 -0.38 -1.42	22.17 -0.29 -1.48	21.95 -0.29 -1.24	22.40 -0.28 -0.94	25.32 -0.28 -1.86	24.23 -0.28 -1.23	20.80 -0.34 -0.22	20.41 -0.23 -0.12
SENECA___115KV_TB3 355854	22.82 -0.35 -0.12	20.53 -0.50 -0.22	17.80 -0.48 -0.41	17.24 -0.50 -0.40	17.46 -0.59 -0.28	20.14 -0.64 -0.15	20.73 -0.56 -0.48	20.76 -0.89 -0.85	20.99 -0.75 -0.89	21.44 -0.63 -1.18	22.41 -0.63 -0.66	21.31 -0.79 -1.25	21.44 -0.75 -1.32	21.53 -0.63 -1.74	21.56 -0.64 -1.65	20.62 -0.72 -1.78	21.39 -0.76 -3.12	23.88 -0.36 -3.26	23.49 -0.25 -2.74	23.61 -0.20 -2.06	24.28 -0.43 -0.96	23.50 -0.12 -0.34	20.93 -0.48 -0.50	20.50 -0.29 -0.28
SENECA___ENERGY 23797	23.26 0.12 -0.10	20.87 -0.10 -0.17	18.12 -0.07 -0.32	17.54 -0.10 -0.31	17.88 -0.11 -0.22	20.66 -0.08 -0.12	21.47 0.27 -0.39	21.66 0.17 -0.69	21.71 0.17 -0.70	22.07 0.25 -0.92	23.27 0.38 -0.52	22.04 0.21 -0.98	22.14 0.23 -1.04	22.00 0.20 -1.37	22.09 0.25 -1.30	21.20 0.24 -1.39	21.61 0.13 -2.45	23.98 0.44 -2.56	23.65 0.50 -2.15	23.90 0.54 -1.62	25.15 0.12 -1.29	24.09 0.12 -0.69	21.20 -0.06 -0.35	20.67 -0.04 -0.20
SHOEMAKER___GT 23640	24.81 1.11 -0.66	22.94 0.98 -1.15	20.89 0.84 -2.18	20.24 0.78 -2.12	20.06 0.80 -1.49	22.37 0.95 -0.80	24.34 0.96 -2.58	26.44 1.12 -4.51	26.62 1.19 -4.58	28.17 1.21 -6.07	27.07 1.27 -3.42	28.47 1.17 -6.45	29.09 1.23 -6.99	30.96 1.23 -9.31	30.55 1.21 -8.80	30.27 1.21 -9.48	37.08 1.22 -16.84	39.91 1.34 -17.59	36.75 1.35 -14.40	33.75 1.37 -10.64	30.20 1.47 -4.98	26.46 1.44 -1.74	24.78 1.30 -2.57	22.99 1.05 -1.43
SHOEMAKR_138KV_BK 111 55601	24.76 1.06 -0.65	22.91 0.96 -1.14	20.83 0.80 -2.16	20.21 0.76 -2.10	20.01 0.76 -1.47	22.32 0.91 -0.79	24.29 0.94 -2.55	26.39 1.12 -4.46	26.57 1.19 -4.54	28.12 1.21 -6.01	27.06 1.30 -3.39	28.43 1.19 -6.40	29.05 1.25 -6.92	30.90 1.25 -9.23	30.49 1.23 -8.72	30.18 1.21 -9.39	36.95 1.24 -16.68	39.76 1.36 -17.42	36.62 1.34 -14.27	33.66 1.37 -10.55	30.13 1.47 -4.92	26.44 1.44 -1.72	24.75 1.30 -2.54	22.95 1.03 -1.41
SHOREHAM_IC_1 23715	28.31 2.74 -2.53	26.25 2.39 -3.05	23.15 2.09 -3.19	22.32 1.99 -2.99	22.14 2.03 -2.35	26.56 2.37 -3.56	28.39 2.45 -5.13	30.53 2.79 -6.94	32.79 3.02 -8.92	37.41 3.05 -13.47	36.24 3.02 -10.85	38.09 2.77 -14.47	46.58 2.84 -22.87	51.04 2.80 -27.82	85.74 2.79 -62.41	87.26 2.72 -64.96	129.10 2.68 -107.39	129.11 2.91 -105.21	115.40 2.88 -91.53	73.80 3.02 -49.03	45.03 3.32 -17.96	38.17 3.35 -11.54	33.38 3.08 -9.39	29.02 2.61 -5.90

SHOREHAM_IC_2 23716	28.31 2.74 -2.53	26.25 2.39 -3.05	23.15 2.09 -3.19	22.32 1.99 -2.99	22.14 2.03 -2.35	26.56 2.37 -3.56	28.39 2.45 -5.13	30.53 2.79 -6.94	32.79 3.02 -8.92	37.41 3.05 -13.47	36.24 3.02 -10.85	38.09 2.77 -14.47	46.58 2.84 -22.87	51.04 2.80 -27.82	85.74 2.79 -62.41	87.26 2.72 -64.96	129.10 2.68 -107.39	129.11 2.91 -105.21	115.40 2.88 -91.53	73.80 3.02 -49.03	45.03 3.32 -17.96	38.17 3.35 -11.54	33.38 3.08 -9.39	29.02 2.61 -5.90
SISSONVILLE____ 23735	21.94 -1.11 0.00	19.89 -0.92 0.00	17.05 -0.82 0.00	16.59 -0.75 0.00	17.10 -0.68 0.00	19.74 -0.89 0.00	19.93 -0.87 0.00	19.95 -0.85 0.00	19.93 -0.92 0.00	19.93 -0.96 0.00	21.34 -1.03 0.00	19.95 -0.90 0.00	19.89 -0.98 0.00	19.38 -1.04 0.00	19.47 -1.07 0.00	18.67 -0.90 0.00	18.13 -0.89 0.00	19.74 -1.24 0.00	19.78 -1.22 0.00	20.48 -1.26 0.00	22.55 -1.33 -0.14	22.06 -1.33 -0.11	19.80 -1.11 0.00	19.45 -1.07 0.00
SITHE_IND_GS1 24169	22.54 -0.55 -0.05	20.33 -0.56 -0.08	17.56 -0.46 -0.16	17.04 -0.45 -0.15	17.40 -0.48 -0.11	20.13 -0.56 -0.06	20.40 -0.58 -0.17	20.40 -0.71 -0.30	20.45 -0.71 -0.31	20.61 -0.69 -0.40	21.88 -0.72 -0.23	20.57 -0.71 -0.43	20.62 -0.71 -0.45	20.33 -0.69 -0.60	20.41 -0.70 -0.57	19.54 -0.65 -0.61	19.45 -0.65 -1.07	21.47 -0.63 -1.12	21.31 -0.63 -0.94	21.80 -0.65 -0.71	19.25 -0.69 3.80	19.62 -0.68 2.98	20.44 -0.65 -0.18	20.12 -0.49 -0.10
SITHE_IND_GS2 24170	22.54 -0.55 -0.05	20.33 -0.56 -0.08	17.56 -0.46 -0.16	17.04 -0.45 -0.15	17.40 -0.48 -0.11	20.13 -0.56 -0.06	20.40 -0.58 -0.17	20.40 -0.71 -0.30	20.45 -0.71 -0.31	20.61 -0.69 -0.40	21.88 -0.72 -0.23	20.57 -0.71 -0.43	20.62 -0.71 -0.45	20.33 -0.69 -0.60	20.41 -0.70 -0.57	19.54 -0.65 -0.61	19.45 -0.65 -1.07	21.47 -0.63 -1.12	21.31 -0.63 -0.94	21.80 -0.65 -0.71	19.25 -0.69 3.80	19.62 -0.68 2.98	20.44 -0.65 -0.18	20.12 -0.49 -0.10
SITHE_IND_GS3 24171	22.54 -0.55 -0.05	20.33 -0.56 -0.08	17.56 -0.46 -0.16	17.04 -0.45 -0.15	17.40 -0.48 -0.11	20.13 -0.56 -0.06	20.40 -0.58 -0.17	20.40 -0.71 -0.30	20.45 -0.71 -0.31	20.61 -0.69 -0.40	21.88 -0.72 -0.23	20.57 -0.71 -0.43	20.62 -0.71 -0.45	20.33 -0.69 -0.60	20.41 -0.70 -0.57	19.54 -0.65 -0.61	19.45 -0.65 -1.07	21.47 -0.63 -1.12	21.31 -0.63 -0.94	21.80 -0.65 -0.71	19.25 -0.69 3.80	19.62 -0.68 2.98	20.44 -0.65 -0.18	20.12 -0.49 -0.10
SITHE_IND_GS4 24172	22.54 -0.55 -0.05	20.33 -0.56 -0.08	17.56 -0.46 -0.16	17.04 -0.45 -0.15	17.40 -0.48 -0.11	20.13 -0.56 -0.06	20.40 -0.58 -0.17	20.40 -0.71 -0.30	20.45 -0.71 -0.31	20.61 -0.69 -0.40	21.88 -0.72 -0.23	20.57 -0.71 -0.43	20.62 -0.71 -0.45	20.33 -0.69 -0.60	20.41 -0.70 -0.57	19.54 -0.65 -0.61	19.45 -0.65 -1.07	21.47 -0.63 -1.12	21.31 -0.63 -0.94	21.80 -0.65 -0.71	19.25 -0.69 3.80	19.62 -0.68 2.98	20.44 -0.65 -0.18	20.12 -0.49 -0.10
SITHE____BATAVIA 24024	23.43 0.28 -0.10	20.85 -0.14 -0.18	18.22 0.00 -0.35	17.63 -0.05 -0.34	17.90 -0.11 -0.24	20.71 -0.04 -0.13	21.19 -0.04 -0.42	21.09 -0.46 -0.74	21.23 -0.37 -0.75	21.62 -0.27 -1.00	22.73 -0.20 -0.56	21.54 -0.37 -1.06	21.64 -0.35 -1.12	21.58 -0.33 -1.48	21.61 -0.33 -1.40	20.85 -0.23 -1.51	21.22 -0.46 -2.65	23.79 0.04 -2.77	23.45 0.13 -2.33	23.71 0.22 -1.75	24.52 0.02 -0.75	23.82 0.28 -0.26	21.20 -0.10 -0.39	20.69 -0.04 -0.22
SITHE____INDEPEND 23800	22.59 -0.51 -0.05	20.39 -0.50 -0.08	17.58 -0.45 -0.16	17.06 -0.43 -0.15	17.42 -0.46 -0.11	20.15 -0.54 -0.06	20.45 -0.54 -0.18	20.44 -0.69 -0.32	20.45 -0.71 -0.31	20.61 -0.69 -0.40	21.89 -0.72 -0.23	20.57 -0.71 -0.43	20.62 -0.71 -0.45	20.33 -0.69 -0.60	20.41 -0.70 -0.57	19.52 -0.67 -0.61	19.45 -0.65 -1.07	21.47 -0.63 -1.12	21.31 -0.63 -0.94	21.80 -0.65 -0.71	19.24 -0.69 3.81	19.64 -0.65 2.99	20.44 -0.65 -0.17	20.11 -0.49 -0.09
SITHE____MASSENA 23902	22.58 -0.46 0.00	20.56 -0.25 0.00	17.59 -0.29 0.00	17.10 -0.24 0.00	17.59 -0.18 0.00	20.34 -0.29 0.00	20.52 -0.29 0.00	20.50 -0.31 0.00	20.49 -0.35 0.00	20.49 -0.40 0.00	21.95 -0.43 0.00	20.51 -0.33 0.00	20.45 -0.42 0.00	19.97 -0.45 0.00	20.09 -0.45 0.00	19.10 -0.47 0.00	18.70 -0.32 0.00	20.39 -0.59 0.00	20.39 -0.61 0.00	21.13 -0.61 0.00	23.08 -0.66 0.00	22.63 -0.65 0.00	20.41 -0.50 0.00	20.08 -0.43 0.00
SITHE____OGDNSBRG 24021	22.61 -0.44 0.00	20.50 -0.31 0.00	17.53 -0.34 0.00	17.08 -0.26 0.00	17.58 -0.20 0.00	20.32 -0.31 0.00	20.52 -0.29 0.00	20.52 -0.29 0.00	20.47 -0.38 0.00	20.45 -0.44 0.00	21.93 -0.45 0.00	20.52 -0.33 0.00	20.48 -0.40 0.00	19.91 -0.51 0.00	20.03 -0.51 0.00	19.20 -0.37 0.00	18.64 -0.38 0.00	20.31 -0.67 0.00	20.37 -0.63 0.00	21.11 -0.63 0.00	23.10 -0.64 0.00	22.60 -0.68 0.00	20.37 -0.54 0.00	19.98 -0.53 0.00
SITHE____STERLING 23777	23.73 0.64 -0.05	21.34 0.46 -0.08	18.35 0.32 -0.15	17.78 0.29 -0.15	18.19 0.32 -0.10	21.09 0.41 -0.05	21.49 0.50 -0.19	21.67 0.54 -0.33	21.70 0.52 -0.33	21.85 0.52 -0.44	23.27 0.65 -0.25	21.86 0.54 -0.47	21.90 0.54 -0.49	21.52 0.45 -0.65	21.59 0.43 -0.62	20.65 0.41 -0.66	20.55 0.36 -1.16	22.73 0.54 -1.21	22.63 0.61 -1.02	23.12 0.61 -0.77	25.01 0.69 -0.58	24.21 0.63 -0.30	21.52 0.44 -0.17	20.99 0.39 -0.09
SLEIGHT__34_KV_TB1 80719	23.73 0.60 -0.09	21.40 0.44 -0.16	18.44 0.27 -0.30	17.87 0.24 -0.29	18.22 0.25 -0.20	21.08 0.35 -0.11	21.87 0.71 -0.35	22.11 0.69 -0.61	22.19 0.69 -0.65	22.55 0.79 -0.86	23.84 0.98 -0.49	22.56 0.79 -0.92	22.61 0.77 -0.97	22.42 0.71 -1.28	22.51 0.76 -1.21	21.50 0.63 -1.30	21.89 0.57 -2.29	24.31 0.94 -2.39	23.98 0.97 -2.01	24.26 1.00 -1.51	25.57 0.64 -1.19	24.47 0.58 -0.61	21.63 0.36 -0.36	21.10 0.39 -0.20
SOUTH CAIRO____GT 23612	25.24 1.31 -0.88	23.48 1.12 -1.55	21.75 0.96 -2.92	21.12 0.94 -2.84	20.74 0.98 -1.99	22.84 1.15 -1.07	25.48 1.23 -3.45	27.99 1.14 -6.04	27.95 0.96 -6.14	29.99 0.96 -8.14	27.95 0.98 -4.59	30.34 0.83 -8.66	30.67 0.79 -9.01	33.12 0.84 -11.86	32.68 0.88 -11.25	32.46 0.82 -12.07	41.00 0.88 -21.10	44.14 1.13 -22.04	40.99 1.24 -18.75	37.41 1.39 -14.28	32.03 1.52 -6.76	27.09 1.44 -2.36	25.52 1.11 -3.50	23.44 0.98 -1.94
SOUTH HAMPTN____IC 23720	28.75 3.18 -2.53	26.65 2.79 -3.05	23.47 2.41 -3.19	22.65 2.32 -2.99	22.46 2.35 -2.35	26.95 2.76 -3.56	28.79 2.85 -5.13	30.95 3.20 -6.94	33.27 3.50 -8.92	37.75 3.57 -13.29	36.64 3.58 -10.68	38.37 3.29 -14.23	46.83 3.38 -22.58	50.88 3.35 -27.11	84.28 3.37 -60.37	85.68 3.25 -62.86	125.85 3.20 -103.63	126.04 3.48 -101.58	112.76 3.44 -88.31	72.78 3.59 -47.45	45.41 3.89 -17.78	38.52 3.89 -11.35	33.81 3.51 -9.39	29.43 3.02 -5.90
SOUTHDOW_115KV_TB1 355954	23.43 0.25 -0.13	21.06 0.02 -0.23	18.24 -0.07 -0.44	17.66 -0.10 -0.42	17.89 -0.18 -0.30	20.66 -0.12 -0.16	21.38 0.06 -0.51	21.56 -0.15 -0.90	21.69 -0.10 -0.94	22.16 0.02 -1.25	23.12 0.04 -0.71	21.91 -0.27 -1.33	22.05 -0.23 -1.40	22.18 -0.10 -1.86	22.15 -0.14 -1.76	21.19 -0.27 -1.89	22.06 -0.29 -3.32	24.57 0.13 -3.47	24.16 0.25 -2.91	24.33 0.39 -2.19	25.00 0.24 -1.02	24.22 0.58 -0.36	21.55 0.10 -0.53	21.01 0.21 -0.29

SOUTHOLD_69_KV_BK 2 55809	29.17 3.60 -2.53	27.09 3.23 -3.05	23.82 2.75 -3.19	22.98 2.65 -2.99	22.82 2.70 -2.35	27.34 3.16 -3.56	29.22 3.29 -5.12	31.44 3.70 -6.93	33.79 4.02 -8.92	38.30 4.12 -13.29	37.29 4.23 -10.69	36.83 3.90 -12.08	47.49 4.03 -22.59	51.50 3.96 -27.11	84.92 3.98 -60.39	86.30 3.84 -62.89	126.49 3.79 -103.68	126.77 4.17 -101.62	113.53 4.18 -88.35	73.48 4.26 -47.47	46.12 4.63 -17.75	37.47 4.47 -9.73	34.26 3.97 -9.37	29.89 3.49 -5.89
SOUTHOLD____IC 23719	29.24 3.66 -2.53	27.09 3.23 -3.05	23.85 2.79 -3.19	22.99 2.67 -2.99	22.84 2.72 -2.35	27.38 3.20 -3.56	29.25 3.31 -5.13	31.45 3.70 -6.94	33.79 4.02 -8.92	38.30 4.12 -13.29	37.29 4.23 -10.69	38.98 3.90 -14.23	47.49 4.03 -22.59	51.50 3.96 -27.11	84.92 3.99 -60.39	86.32 3.86 -62.89	126.49 3.79 -103.68	126.75 4.15 -101.62	113.43 4.07 -88.35	73.45 4.24 -47.47	46.11 4.58 -17.78	39.13 4.49 -11.35	34.28 3.97 -9.39	29.88 3.47 -5.90
SPIERFLS_115KV_TB 1 80737	24.95 0.94 -0.96	23.35 0.85 -1.69	21.74 0.68 -3.19	21.11 0.66 -3.11	20.64 0.69 -2.17	22.61 0.82 -1.16	25.49 0.92 -3.76	28.42 1.02 -6.59	28.60 1.04 -6.71	30.75 0.96 -8.89	28.46 1.07 -5.01	31.23 0.92 -9.46	31.41 0.83 -9.70	33.99 0.86 -12.71	33.49 0.86 -12.08	33.29 0.78 -12.94	42.27 0.76 -22.48	45.40 0.94 -23.48	42.28 1.01 -20.27	38.43 1.09 -15.60	32.21 1.19 -7.28	27.03 1.21 -2.54	25.53 0.86 -3.76	23.30 0.70 -2.09
ST LAWRENCE____ 23600	22.47 -0.58 0.00	20.43 -0.37 0.00	17.52 -0.36 0.00	17.01 -0.33 0.00	17.47 -0.30 0.00	20.23 -0.39 0.00	20.41 -0.40 0.00	20.41 -0.40 0.00	20.41 -0.44 0.00	20.39 -0.50 0.00	21.84 -0.54 0.00	20.39 -0.46 0.00	20.37 -0.50 0.00	19.93 -0.49 0.00	20.05 -0.49 0.00	19.06 -0.51 0.00	18.59 -0.44 0.00	20.33 -0.65 0.00	20.33 -0.67 0.00	21.05 -0.70 0.00	23.01 -0.74 0.00	22.53 -0.75 0.00	20.35 -0.56 0.00	20.02 -0.49 0.00
STATE_CA_115KV_115_LB 55624	24.75 0.76 -0.94	23.13 0.67 -1.66	21.55 0.55 -3.12	20.94 0.55 -3.05	20.45 0.55 -2.13	22.41 0.64 -1.14	25.16 0.67 -3.69	28.02 0.75 -6.46	28.24 0.81 -6.58	30.45 0.84 -8.72	28.23 0.94 -4.91	30.96 0.83 -9.27	31.20 0.81 -9.52	33.69 0.80 -12.47	33.20 0.80 -11.86	32.99 0.72 -12.69	41.80 0.70 -22.07	44.86 0.84 -23.05	41.74 0.86 -19.88	37.92 0.89 -15.29	31.82 0.95 -7.13	26.70 0.93 -2.49	25.37 0.77 -3.69	23.15 0.59 -2.05
STATE_ST_34_KV_LOAD 55959	23.62 0.48 -0.09	21.33 0.35 -0.17	18.38 0.20 -0.31	17.82 0.17 -0.31	18.18 0.20 -0.21	20.99 0.25 -0.11	21.84 0.67 -0.37	22.10 0.65 -0.65	22.19 0.65 -0.69	22.54 0.73 -0.92	23.65 0.76 -0.52	22.41 0.58 -0.98	22.48 0.58 -1.03	22.46 0.67 -1.36	22.55 0.72 -1.29	21.56 0.61 -1.38	22.01 0.55 -2.43	24.40 0.88 -2.54	24.06 0.92 -2.13	24.31 0.96 -1.61	25.69 0.47 -1.47	24.50 0.42 -0.80	21.55 0.25 -0.39	21.01 0.29 -0.21
STATION 5_MISC_HYD 23604	23.32 0.18 -0.09	20.84 -0.12 -0.16	18.17 0.00 -0.30	17.58 -0.05 -0.29	17.89 -0.09 -0.21	20.67 -0.06 -0.11	21.13 -0.04 -0.37	21.14 -0.31 -0.64	21.27 -0.23 -0.65	21.63 -0.12 -0.86	22.77 -0.09 -0.49	21.54 -0.23 -0.92	21.65 -0.19 -0.97	21.56 -0.14 -1.28	21.63 -0.12 -1.21	20.82 -0.06 -1.30	21.09 -0.23 -2.29	23.52 0.15 -2.39	23.20 0.19 -2.01	23.50 0.24 -1.52	24.44 0.05 -0.65	23.72 0.21 -0.23	21.19 -0.06 -0.34	20.70 0.00 -0.19
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	23.27 0.14 -0.09	20.99 0.02 -0.16	18.14 -0.04 -0.30	17.58 -0.05 -0.29	17.89 -0.09 -0.20	20.67 -0.06 -0.11	21.29 0.12 -0.35	21.43 0.00 -0.62	21.54 0.04 -0.65	21.88 0.13 -0.86	23.11 0.25 -0.49	21.85 0.08 -0.92	21.95 0.10 -0.97	21.81 0.10 -1.28	21.88 0.12 -1.21	20.92 0.04 -1.31	21.34 0.02 -2.29	23.73 0.36 -2.40	23.41 0.40 -2.01	23.71 0.46 -1.52	24.79 0.19 -0.86	23.92 0.28 -0.36	21.30 0.02 -0.36	20.80 0.08 -0.20
STA_56_34_KV_BUS2_REV_LBMP_B 345033	23.04 -0.09 -0.09	20.76 -0.21 -0.16	17.96 -0.21 -0.30	17.40 -0.23 -0.29	17.71 -0.27 -0.20	20.44 -0.29 -0.11	20.95 -0.21 -0.35	21.03 -0.40 -0.62	21.16 -0.33 -0.65	21.52 -0.23 -0.86	22.68 -0.18 -0.48	21.45 -0.31 -0.91	21.56 -0.27 -0.96	21.45 -0.25 -1.27	21.52 -0.23 -1.20	20.59 -0.27 -1.29	20.99 -0.30 -2.27	23.39 0.04 -2.37	23.05 0.06 -1.99	23.35 0.11 -1.50	24.35 -0.09 -0.70	23.57 0.05 -0.24	21.09 -0.19 -0.36	20.63 -0.08 -0.20
STA_56____34_KV_BUS2 355983	23.04 -0.09 -0.09	20.76 -0.21 -0.16	17.96 -0.21 -0.30	17.40 -0.23 -0.29	17.71 -0.27 -0.20	20.44 -0.29 -0.11	20.95 -0.21 -0.35	21.03 -0.40 -0.62	21.16 -0.33 -0.65	21.52 -0.23 -0.86	22.68 -0.18 -0.48	21.45 -0.31 -0.91	21.56 -0.27 -0.96	21.45 -0.25 -1.27	21.52 -0.23 -1.20	20.59 -0.27 -1.29	20.99 -0.30 -2.27	23.39 0.04 -2.37	23.05 0.06 -1.99	23.35 0.11 -1.50	24.35 -0.09 -0.70	23.57 0.05 -0.24	21.09 -0.19 -0.36	20.63 -0.08 -0.20
STA_67____115KV_BK2 355882	23.16 0.02 -0.09	20.86 -0.10 -0.16	18.05 -0.13 -0.30	17.48 -0.16 -0.29	17.78 -0.20 -0.20	20.53 -0.21 -0.11	21.02 -0.15 -0.35	21.10 -0.33 -0.62	21.23 -0.27 -0.65	21.59 -0.17 -0.86	22.70 -0.16 -0.49	21.48 -0.29 -0.92	21.59 -0.25 -0.97	21.50 -0.20 -1.28	21.57 -0.18 -1.21	20.62 -0.25 -1.30	21.03 -0.29 -2.29	23.45 0.08 -2.39	23.13 0.13 -2.01	23.43 0.17 -1.51	24.42 -0.02 -0.70	23.69 0.16 -0.25	21.15 -0.13 -0.36	20.71 0.00 -0.20
STA_7____115KV_9TRANS 80674	23.32 0.18 -0.09	21.01 0.04 -0.16	18.17 0.00 -0.30	17.60 -0.03 -0.29	17.90 -0.07 -0.21	20.67 -0.06 -0.11	21.16 0.00 -0.35	21.26 -0.17 -0.62	21.40 -0.10 -0.65	21.76 0.00 -0.86	22.91 0.04 -0.49	21.66 -0.10 -0.92	21.76 -0.08 -0.97	21.68 -0.02 -1.28	21.75 0.00 -1.21	20.80 -0.08 -1.30	21.20 -0.11 -2.29	23.64 0.27 -2.39	23.33 0.31 -2.01	23.65 0.39 -1.52	24.64 0.19 -0.71	23.87 0.35 -0.25	21.34 0.06 -0.36	20.88 0.16 -0.20
STA_82____115KV_TB1 80780	23.16 0.02 -0.09	20.88 -0.08 -0.16	18.07 -0.11 -0.30	17.49 -0.14 -0.29	17.80 -0.18 -0.21	20.55 -0.19 -0.11	21.04 -0.12 -0.36	21.12 -0.31 -0.62	21.25 -0.25 -0.66	21.61 -0.15 -0.87	22.73 -0.13 -0.49	21.50 -0.27 -0.92	21.62 -0.23 -0.97	21.53 -0.18 -1.29	21.60 -0.16 -1.22	20.65 -0.23 -1.31	21.06 -0.27 -2.31	23.49 0.10 -2.41	23.17 0.15 -2.02	23.46 0.20 -1.52	24.45 0.00 -0.71	23.69 0.16 -0.25	21.18 -0.10 -0.37	20.74 0.02 -0.20
STEEL____WIND 323596	23.03 -0.14 -0.12	20.46 -0.56 -0.22	17.94 -0.34 -0.41	17.34 -0.40 -0.40	17.59 -0.46 -0.28	20.30 -0.47 -0.15	20.85 -0.46 -0.50	20.77 -0.92 -0.87	20.97 -0.77 -0.89	21.42 -0.65 -1.18	22.39 -0.65 -0.66	21.29 -0.81 -1.25	21.42 -0.77 -1.32	21.51 -0.65 -1.74	21.54 -0.66 -1.65	20.80 -0.55 -1.78	21.37 -0.78 -3.12	23.86 -0.38 -3.26	23.46 -0.27 -2.74	23.59 -0.22 -2.06	24.17 -0.45 -0.88	23.45 -0.14 -0.31	20.87 -0.50 -0.46	20.36 -0.41 -0.25
STEPHTWN_115KV_BK_2 55603	24.90 0.92 -0.93	23.22 0.77 -1.64	21.61 0.64 -3.10	20.98 0.62 -3.02	20.52 0.64 -2.11	22.52 0.76 -1.13	25.28 0.81 -3.66	28.11 0.89 -6.40	28.33 0.96 -6.52	30.52 0.98 -8.64	28.34 1.10 -4.87	31.03 0.98 -9.20	31.25 0.94 -9.44	33.68 0.88 -12.38	33.21 0.90 -11.76	32.99 0.82 -12.60	41.73 0.80 -21.90	44.81 0.96 -22.87	41.70 0.99 -19.72	37.92 1.02 -15.16	31.93 1.12 -7.07	26.82 1.07 -2.47	25.45 0.88 -3.66	23.24 0.70 -2.03

STEUBEN_REC_LFGE 323667	23.55 0.35 -0.16	21.23 0.15 -0.28	18.42 0.02 -0.53	17.84 -0.02 -0.51	18.08 -0.05 -0.36	20.82 0.00 -0.19	21.53 0.10 -0.62	21.81 -0.08 -1.09	21.91 -0.08 -1.15	22.39 -0.02 -1.52	23.23 0.00 -0.86	22.26 -0.21 -1.62	22.37 -0.21 -1.70	22.51 -0.16 -2.25	22.53 -0.14 -2.13	21.57 -0.29 -2.29	22.77 -0.29 -4.03	25.33 0.15 -4.21	24.81 0.27 -3.53	24.80 0.39 -2.66	25.51 0.31 -1.46	24.29 0.42 -0.60	21.60 0.04 -0.64	20.95 0.08 -0.36
STONY__BROOK 24151	28.20 2.63 -2.53	26.17 2.31 -3.05	23.05 1.98 -3.19	22.22 1.89 -2.99	22.04 1.92 -2.35	26.46 2.27 -3.56	28.29 2.35 -5.13	30.43 2.69 -6.94	32.67 2.90 -8.93	38.50 2.95 -14.66	37.14 2.86 -11.90	39.54 2.63 -16.07	48.03 2.67 -24.49	55.48 2.59 -32.47	98.78 2.57 -75.68	100.70 2.51 -78.62	153.27 2.47 -131.78	152.46 2.66 -128.82	135.99 2.60 -112.38	83.74 2.72 -59.28	45.94 3.04 -19.16	39.21 3.19 -12.74	33.21 2.91 -9.40	28.87 2.46 -5.90
STURGEON_POOL_HYD 23609	24.98 1.18 -0.76	23.20 1.06 -1.33	21.27 0.88 -2.52	20.63 0.83 -2.46	20.32 0.84 -1.72	22.56 1.01 -0.92	24.82 1.04 -2.97	27.26 1.25 -5.21	27.49 1.33 -5.30	29.30 1.38 -7.03	27.86 1.52 -3.96	29.76 1.44 -7.48	30.34 1.50 -7.97	32.44 1.45 -10.56	32.00 1.46 -10.00	31.77 1.45 -10.75	39.51 1.50 -18.98	42.44 1.64 -19.82	39.06 1.57 -16.48	35.63 1.57 -12.32	31.17 1.69 -5.74	26.92 1.63 -2.01	25.39 1.51 -2.97	23.33 1.17 -1.65
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	24.85 1.13 -0.68	23.02 1.02 -1.19	20.97 0.86 -2.24	20.32 0.80 -2.19	20.12 0.82 -1.53	22.41 0.97 -0.82	24.45 1.00 -2.65	26.69 1.25 -4.64	26.90 1.33 -4.71	28.52 1.38 -6.25	27.39 1.50 -3.52	28.89 1.40 -6.65	29.53 1.46 -7.20	31.43 1.41 -9.60	31.03 1.42 -9.07	30.73 1.39 -9.77	37.79 1.41 -17.36	40.64 1.53 -18.13	37.35 1.51 -14.84	34.22 1.52 -10.96	30.47 1.61 -5.11	26.65 1.58 -1.79	24.98 1.42 -2.64	23.11 1.13 -1.47
SWANROAD_115KV_TB1 355699	22.26 -0.90 -0.11	20.05 -0.96 -0.20	17.39 -0.86 -0.38	16.84 -0.87 -0.37	17.05 -0.98 -0.26	19.67 -1.09 -0.14	20.17 -1.08 -0.44	20.11 -1.48 -0.78	20.33 -1.33 -0.82	20.76 -1.21 -1.08	21.71 -1.28 -0.61	20.62 -1.38 -1.15	20.73 -1.36 -1.21	20.76 -1.27 -1.60	20.79 -1.27 -1.52	19.88 -1.33 -1.63	20.53 -1.37 -2.87	23.01 -0.96 -3.00	22.64 -0.88 -2.52	22.79 -0.85 -1.90	23.51 -1.12 -0.88	22.84 -0.74 -0.31	20.35 -1.02 -0.46	20.01 -0.76 -0.25
SYNERGY__BIOGAS 323694	23.43 0.28 -0.10	20.85 -0.14 -0.18	18.22 0.00 -0.35	17.63 -0.05 -0.34	17.90 -0.11 -0.24	20.71 -0.04 -0.13	21.19 -0.04 -0.42	21.09 -0.46 -0.74	21.23 -0.37 -0.75	21.62 -0.27 -1.00	22.73 -0.20 -0.56	21.54 -0.37 -1.06	21.64 -0.35 -1.12	21.58 -0.33 -1.48	21.61 -0.33 -1.40	20.85 -0.23 -1.51	21.22 -0.46 -2.65	23.79 0.04 -2.77	23.45 0.13 -2.33	23.71 0.22 -1.75	24.52 0.02 -0.75	23.82 0.28 -0.26	21.20 -0.10 -0.39	20.69 -0.22
SYRACUSE__ENERGY_ST1 323597	23.26 0.14 -0.07	20.98 0.04 -0.13	18.10 -0.02 -0.25	17.54 -0.03 -0.24	17.90 -0.04 -0.17	20.67 -0.04 -0.09	21.35 0.25 -0.29	21.51 0.19 -0.51	21.56 0.17 -0.54	21.84 0.23 -0.72	23.12 0.34 -0.41	21.84 0.23 -0.77	21.89 0.21 -0.81	21.69 0.20 -1.07	21.80 0.25 -1.01	20.84 0.18 -1.09	21.09 0.15 -1.91	23.31 0.34 -2.00	23.03 0.36 -1.68	23.37 0.37 -1.26	25.14 0.02 -1.38	24.08 0.00 -0.80	21.13 -0.08 -0.30	20.68 0.00 -0.17
SYRACUSE__ENERGY_ST2 323598	23.26 0.14 -0.07	20.98 0.04 -0.13	18.10 -0.02 -0.25	17.54 -0.03 -0.24	17.90 -0.04 -0.17	20.67 -0.04 -0.09	21.35 0.25 -0.29	21.51 0.19 -0.51	21.56 0.17 -0.54	21.84 0.23 -0.72	23.12 0.34 -0.41	21.84 0.23 -0.77	21.89 0.21 -0.81	21.69 0.20 -1.07	21.80 0.25 -1.01	20.84 0.18 -1.09	21.09 0.15 -1.91	23.31 0.34 -2.00	23.03 0.36 -1.68	23.37 0.37 -1.26	25.14 0.02 -1.38	24.08 0.00 -0.80	21.13 -0.08 -0.30	20.68 0.00 -0.17
SYRACUSE__POWER 24017	23.17 0.05 -0.08	20.90 -0.04 -0.14	18.06 -0.07 -0.26	17.49 -0.10 -0.25	17.84 -0.11 -0.18	20.62 -0.10 -0.09	21.16 0.04 -0.31	21.32 -0.02 -0.54	21.41 -0.02 -0.58	21.68 0.02 -0.77	22.90 0.09 -0.43	21.69 0.02 -0.82	21.76 0.02 -0.86	21.58 0.02 -1.14	21.66 0.04 -1.08	20.74 0.00 -1.16	21.05 -0.02 -2.04	23.24 0.13 -2.13	22.94 0.15 -1.79	23.24 0.15 -1.35	24.89 0.00 -1.15	23.87 -0.02 -0.61	21.13 -0.10 -0.32	20.65 -0.04 -0.18
TALLMAN__138KV_BK151 55660	25.03 1.29 -0.70	23.20 1.17 -1.23	21.16 0.97 -2.32	20.52 0.92 -2.26	20.30 0.94 -1.58	22.59 1.11 -0.85	24.71 1.17 -2.74	27.06 1.46 -4.80	27.34 1.61 -4.88	28.99 1.63 -6.47	27.76 1.75 -3.65	29.36 1.63 -6.88	30.02 1.69 -7.46	32.05 1.67 -9.95	31.62 1.68 -9.40	31.34 1.64 -10.13	38.70 1.67 -18.00	41.58 1.80 -18.80	38.14 1.76 -15.38	34.85 1.76 -11.34	30.93 1.90 -5.29	26.97 1.84 -1.85	25.32 1.67 -2.74	23.34 1.31 -1.52
TEALLAVE_115KV_TB7 355573	23.09 -0.02 -0.07	20.82 -0.10 -0.12	17.97 -0.13 -0.22	17.41 -0.14 -0.21	17.76 -0.16 -0.15	20.54 -0.16 -0.08	21.00 -0.06 -0.26	21.12 -0.15 -0.45	21.21 -0.13 -0.49	21.46 -0.08 -0.65	22.72 -0.02 -0.37	21.46 -0.08 -0.69	21.52 -0.08 -0.73	21.30 -0.08 -0.96	21.39 -0.06 -0.91	20.45 -0.10 -0.98	20.63 -0.11 -1.72	22.79 0.02 -1.80	22.53 0.02 -1.51	22.90 0.02 -1.14	24.61 -0.09 -0.96	23.69 -0.09 -0.51	21.02 -0.17 -0.27	20.58 -0.08 -0.15
TELGRAPH_34_KV_EAST 80808	22.85 -0.30 -0.11	20.56 -0.44 -0.19	17.82 -0.41 -0.36	17.26 -0.43 -0.35	17.50 -0.52 -0.24	20.18 -0.58 -0.13	20.71 -0.52 -0.42	20.70 -0.85 -0.74	20.88 -0.75 -0.78	21.30 -0.63 -1.03	22.35 -0.60 -0.58	21.17 -0.77 -1.10	21.30 -0.73 -1.16	21.26 -0.69 -1.53	21.29 -0.70 -1.45	20.37 -0.76 -1.56	20.96 -0.80 -2.73	23.48 -0.36 -2.86	23.12 -0.27 -2.40	23.35 -0.20 -1.81	24.16 -0.43 -0.84	23.46 -0.12 -0.29	20.89 -0.46 -0.44	20.49 -0.27 -0.24
TEMPLE__115KV_TB 2 55572	23.09 -0.02 -0.07	20.84 -0.08 -0.12	17.99 -0.11 -0.22	17.43 -0.12 -0.22	17.78 -0.14 -0.15	20.56 -0.14 -0.08	21.03 -0.04 -0.26	21.14 -0.12 -0.46	21.22 -0.13 -0.50	21.49 -0.06 -0.66	22.74 0.00 -0.37	21.49 -0.06 -0.70	21.55 -0.06 -0.74	21.34 -0.06 -0.98	21.42 -0.04 -0.93	20.49 -0.08 -0.99	20.68 -0.10 -1.75	22.84 0.04 -1.83	22.57 0.04 -1.53	22.94 0.04 -1.15	24.64 -0.07 -0.97	23.70 -0.09 -0.51	21.02 -0.17 -0.28	20.58 -0.08 -0.15
TIANA____69_KV_BK 1 55817	28.54 2.97 -2.53	26.53 2.66 -3.05	23.33 2.27 -3.19	22.51 2.18 -2.99	22.34 2.22 -2.35	26.79 2.60 -3.56	28.64 2.71 -5.12	30.81 3.08 -6.93	33.11 3.34 -8.92	37.59 3.41 -13.29	36.48 3.42 -10.69	36.08 3.15 -12.08	46.69 3.24 -22.58	50.70 3.17 -27.11	84.11 3.18 -60.39	85.51 3.05 -62.88	125.74 3.04 -103.67	125.93 3.34 -101.62	112.73 3.38 -88.35	72.62 3.41 -47.47	45.24 3.75 -17.75	36.73 3.72 -9.73	33.65 3.37 -9.37	29.32 2.91 -5.89
TILDEN__115KV_TB1 80814	23.17 0.05 -0.08	20.90 -0.04 -0.14	18.06 -0.07 -0.26	17.49 -0.10 -0.25	17.84 -0.11 -0.18	20.62 -0.10 -0.09	21.16 0.04 -0.31	21.32 -0.02 -0.54	21.41 -0.02 -0.58	21.68 0.02 -0.77	22.90 0.09 -0.43	21.69 0.02 -0.82	21.76 0.02 -0.86	21.58 0.02 -1.14	21.66 0.04 -1.08	20.74 0.00 -1.16	21.05 -0.02 -2.04	23.24 0.13 -2.13	22.94 0.15 -1.79	23.24 0.15 -1.35	24.89 0.00 -1.15	23.87 -0.02 -0.61	21.13 -0.10 -0.32	20.65 -0.04 -0.18

TRIGEN___CC 323695	27.41 1.84 -2.53	25.53 1.66 -3.05	22.46 1.39 -3.19	21.64 1.32 -2.99	21.47 1.35 -2.35	25.77 1.59 -3.56	27.57 1.64 -5.12	29.67 1.94 -6.93	31.86 2.11 -8.91	32.23 2.13 -9.20	31.62 2.17 -7.07	31.64 2.04 -8.75	33.73 2.13 -10.73	33.62 2.10 -11.09	37.16 2.10 -14.53	37.29 2.04 -15.68	40.41 2.02 -19.37	43.17 2.18 -20.02	39.48 2.20 -16.27	36.00 2.20 -12.06	39.77 2.37 -13.65	32.84 2.35 -7.21	32.47 2.20 -9.36	28.23 1.83 -5.89
TRINITY___115KV___4 BK 55933	24.67 0.69 -0.93	23.04 0.58 -1.64	21.48 0.50 -3.10	20.87 0.50 -3.03	20.40 0.52 -2.12	22.34 0.58 -1.13	25.08 0.60 -3.66	27.89 0.67 -6.42	28.11 0.73 -6.54	30.31 0.75 -8.66	28.08 0.83 -4.88	30.79 0.73 -9.21	31.04 0.71 -9.46	33.52 0.69 -12.40	33.02 0.70 -11.78	32.84 0.65 -12.62	41.59 0.63 -21.94	44.62 0.73 -22.91	41.51 0.76 -19.76	37.71 0.78 -15.19	31.68 0.85 -7.09	26.59 0.84 -2.48	25.29 0.71 -3.66	23.08 0.53 -2.03
UNION___PROCESSING_DRP 323587	23.18 0.05 -0.09	20.89 -0.08 -0.16	18.07 -0.11 -0.30	17.51 -0.12 -0.30	17.80 -0.18 -0.21	20.55 -0.19 -0.11	21.06 -0.10 -0.36	21.12 -0.31 -0.63	21.26 -0.25 -0.66	21.62 -0.15 -0.87	22.75 -0.11 -0.49	21.52 -0.25 -0.93	21.62 -0.23 -0.98	21.55 -0.16 -1.29	21.62 -0.14 -1.22	20.67 -0.22 -1.31	21.09 -0.25 -2.31	23.49 0.10 -2.41	23.17 0.15 -2.02	23.48 0.22 -1.53	24.48 0.02 -0.71	23.71 0.19 -0.25	21.20 -0.08 -0.37	20.74 0.02 -0.20
UPPER HUDSON___HYD 24058	24.95 0.95 -0.96	23.33 0.83 -1.69	21.76 0.70 -3.19	21.11 0.66 -3.11	20.64 0.69 -2.17	22.61 0.83 -1.16	25.49 0.91 -3.77	28.43 1.02 -6.60	28.60 1.04 -6.71	30.75 0.96 -8.89	28.46 1.07 -5.01	31.23 0.92 -9.46	31.41 0.84 -9.70	33.99 0.86 -12.71	33.49 0.86 -12.08	33.29 0.78 -12.94	42.27 0.76 -22.48	45.40 0.94 -23.48	42.28 1.01 -20.27	38.43 1.09 -15.60	32.44 1.19 -7.52	27.09 1.19 -2.63	25.66 0.86 -3.88	23.41 0.74 -2.16
UPPER RAQUET___HYD 24056	21.96 -1.08 0.00	19.98 -0.83 0.00	17.05 -0.82 0.00	16.58 -0.76 0.00	17.10 -0.68 0.00	19.76 -0.87 0.00	19.98 -0.83 0.00	19.98 -0.83 0.00	19.95 -0.90 0.00	19.93 -0.96 0.00	21.37 -1.01 0.00	19.95 -0.90 0.00	19.89 -0.98 0.00	19.38 -1.04 0.00	19.47 -1.07 0.00	18.48 -1.10 0.00	18.13 -0.89 0.00	19.74 -1.24 0.00	19.78 -1.22 0.00	20.48 -1.26 0.00	22.55 -1.33 -0.14	22.06 -1.33 -0.11	19.80 -1.11 0.00	19.44 -1.07 0.00
VALLEY44_115KV_TB2 355964	22.26 -0.92 -0.14	20.07 -0.98 -0.24	17.42 -0.91 -0.46	16.88 -0.90 -0.44	17.09 -1.00 -0.31	19.68 -1.11 -0.17	20.39 -0.96 -0.54	20.61 -1.14 -0.94	20.82 -1.02 -0.99	21.26 -0.94 -1.31	22.11 -1.01 -0.74	21.10 -1.15 -1.39	21.26 -1.09 -1.47	21.45 -0.92 -1.94	21.44 -0.94 -1.84	20.55 -1.00 -1.98	21.51 -0.99 -3.48	23.90 -0.71 -3.63	23.44 -0.61 -3.05	23.50 -0.54 -2.30	24.05 -0.76 -1.07	23.14 -0.51 -0.37	20.65 -0.82 -0.55	20.06 -0.76 -0.31
VALLEY___115KV_TB 1-4 80826	23.39 0.35 0.00	21.10 0.29 0.00	18.07 0.20 0.00	17.53 0.19 0.00	17.97 0.20 0.00	20.87 0.25 0.00	21.04 0.23 0.00	21.06 0.25 0.00	21.06 0.21 0.00	21.08 0.19 0.00	22.64 0.27 0.00	21.06 0.21 0.00	21.06 0.19 0.00	20.46 0.04 0.00	20.52 -0.02 0.00	19.53 -0.04 0.00	18.97 -0.06 0.00	20.96 -0.02 0.00	21.00 0.00 0.00	21.74 0.00 0.00	23.79 0.05 0.00	23.37 0.09 0.00	21.00 0.08 0.00	20.55 0.04 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	24.69 1.29 -0.36	22.54 1.10 -0.62	19.87 0.82 -1.18	19.29 0.80 -1.15	19.39 0.82 -0.80	22.07 1.01 -0.43	23.34 1.14 -1.39	24.52 1.27 -2.44	24.65 1.29 -2.51	25.53 1.32 -3.32	25.61 1.36 -1.87	25.59 1.21 -3.53	25.83 1.23 -3.73	26.53 1.18 -4.92	26.36 1.15 -4.67	25.70 1.12 -5.01	28.88 1.05 -8.81	31.42 1.24 -9.20	29.99 1.26 -7.73	28.87 1.30 -5.82	28.04 1.42 -2.88	25.72 1.37 -1.07	23.47 1.15 -1.40	22.28 0.98 -0.78
VISCHER___FERRY HYD 24020	25.05 1.06 -0.95	23.39 0.91 -1.66	21.80 0.79 -3.14	21.18 0.78 -3.06	20.71 0.80 -2.14	22.68 0.91 -1.15	25.43 0.91 -3.71	28.29 0.98 -6.50	28.48 1.02 -6.61	30.68 1.02 -8.76	28.43 1.12 -4.94	31.17 1.00 -9.32	31.33 0.98 -9.48	33.76 0.96 -12.38	33.28 0.97 -11.78	33.07 0.90 -12.60	41.69 0.86 -21.81	44.76 1.01 -22.77	41.89 1.05 -19.84	38.22 1.11 -15.37	32.27 1.19 -7.34	27.03 1.19 -2.57	25.71 1.00 -3.79	23.50 0.88 -2.11
V_A_10_SYNC_DSASP 323832	22.89 -0.25 -0.10	20.42 -0.56 -0.18	17.85 -0.36 -0.33	17.27 -0.40 -0.33	17.54 -0.46 -0.23	20.25 -0.50 -0.12	20.72 -0.50 -0.41	20.59 -0.94 -0.71	20.78 -0.79 -0.73	21.17 -0.69 -0.96	22.20 -0.72 -0.54	21.04 -0.83 -1.02	21.14 -0.81 -1.08	21.13 -0.72 -1.43	21.19 -0.70 -1.35	20.44 -0.59 -1.45	20.76 -0.82 -2.55	23.22 -0.42 -2.67	22.88 -0.36 -2.24	23.12 -0.30 -1.69	23.90 -0.57 -0.72	23.25 -0.28 -0.25	20.72 -0.56 -0.37	20.31 -0.41 -0.21
V_CMM_10_SYNC_DSASP 323787	22.54 -0.51 0.00	20.52 -0.29 0.00	17.57 -0.30 0.00	17.08 -0.26 0.00	17.52 -0.25 0.00	20.32 -0.31 0.00	20.50 -0.31 0.00	20.47 -0.33 0.00	20.47 -0.37 0.00	20.47 -0.42 0.00	21.93 -0.45 0.00	20.47 -0.37 0.00	20.45 -0.42 0.00	19.99 -0.43 0.00	20.11 -0.43 0.00	19.12 -0.45 0.00	18.65 -0.38 0.00	20.39 -0.59 0.00	20.41 -0.59 0.00	21.13 -0.61 0.00	23.08 -0.66 0.00	22.63 -0.65 0.00	20.43 -0.48 0.00	20.08 -0.43 0.00
V_CMP_10_SYNC_DSASP 323788	22.95 -0.09 0.00	20.89 0.08 0.00	17.91 0.04 0.00	17.44 0.10 0.00	17.86 0.09 0.00	20.77 0.15 0.00	20.97 0.17 0.00	20.93 0.13 0.00	20.93 0.08 0.00	20.89 0.00 0.00	22.31 -0.07 0.00	20.79 -0.06 0.00	20.68 -0.19 0.00	20.22 -0.20 0.00	20.29 -0.25 0.00	19.22 -0.35 0.00	18.74 -0.28 0.00	20.52 -0.46 0.00	20.52 -0.48 0.00	21.26 -0.48 0.00	23.20 -0.55 0.00	22.74 -0.53 0.00	20.58 -0.34 0.00	20.27 -0.25 0.00
V_E_10_SYNC_DSASP 323830	25.17 1.89 -0.24	22.68 1.46 -0.42	19.71 1.05 -0.79	19.13 1.02 -0.77	19.39 1.08 -0.54	22.25 1.34 -0.29	23.36 1.60 -0.95	24.08 1.60 -1.67	24.05 1.50 -1.70	24.58 1.44 -2.25	25.25 1.61 -1.27	24.58 1.34 -2.39	24.69 1.29 -2.52	24.84 1.08 -3.33	24.72 1.03 -3.16	24.00 1.04 -3.39	25.92 0.93 -5.96	28.51 1.30 -6.23	27.74 1.51 -5.23	27.33 1.65 -3.94	27.42 1.80 -1.87	25.76 1.70 -0.79	22.96 1.25 -0.80	22.06 1.11 -0.44
V_F_30_NSYNC___DSASP 323816	25.29 1.29 -0.96	23.62 1.12 -1.69	22.00 0.95 -3.18	21.36 0.92 -3.10	20.90 0.96 -2.17	22.90 1.11 -1.16	25.73 1.16 -3.76	28.62 1.23 -6.58	28.82 1.27 -6.70	31.02 1.25 -8.88	28.77 1.39 -5.00	31.52 1.23 -9.45	31.73 1.19 -9.67	34.25 1.16 -12.66	33.75 1.17 -12.04	33.56 1.10 -12.89	42.45 1.05 -22.38	45.61 1.26 -23.37	42.51 1.30 -20.21	38.70 1.39 -15.57	32.73 1.50 -7.49	27.36 1.47 -2.62	25.98 1.19 -3.87	23.73 1.07 -2.15
V_F_30_SYNC_DSASP 323786	24.75 0.76 -0.94	23.11 0.65 -1.65	21.55 0.55 -3.12	20.92 0.54 -3.04	20.45 0.55 -2.13	22.40 0.64 -1.14	25.16 0.67 -3.69	28.01 0.75 -6.45	28.24 0.81 -6.57	30.44 0.84 -8.71	28.22 0.94 -4.91	30.95 0.83 -9.27	31.20 0.81 -9.51	33.69 0.80 -12.47	33.19 0.80 -11.85	32.99 0.72 -12.69	41.79 0.70 -22.06	44.85 0.84 -23.03	41.71 0.84 -19.87	37.91 0.89 -15.28	31.82 0.95 -7.13	26.70 0.93 -2.49	25.37 0.77 -3.68	23.15 0.59 -2.04

V_XM_10_SYNC_DSASP 323789	22.95 -0.09 0.00	20.89 0.08 0.00	17.91 0.04 0.00	17.44 0.10 0.00	17.86 0.09 0.00	20.77 0.15 0.00	20.97 0.17 0.00	20.93 0.13 0.00	20.93 0.08 0.00	20.89 0.00 0.00	22.31 -0.07 0.00	20.79 -0.06 0.00	20.68 -0.19 0.00	20.22 -0.20 0.00	20.29 -0.25 0.00	19.22 -0.35 0.00	18.74 -0.28 0.00	20.52 -0.46 0.00	20.52 -0.48 0.00	21.26 -0.48 0.00	23.20 -0.55 0.00	22.74 -0.53 0.00	20.58 -0.34 0.00	20.27 -0.25 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	25.11 1.36 -0.70	23.28 1.23 -1.24	21.25 1.04 -2.34	20.59 0.97 -2.28	20.36 1.00 -1.60	22.65 1.18 -0.85	24.80 1.23 -2.76	27.16 1.52 -4.84	27.41 1.65 -4.92	29.10 1.69 -6.52	27.84 1.79 -3.67	29.47 1.69 -6.93	30.14 1.75 -7.52	32.19 1.74 -10.03	31.74 1.73 -9.47	31.46 1.68 -10.21	38.88 1.71 -18.14	41.79 1.87 -18.95	38.32 1.83 -15.49	35.00 1.83 -11.43	31.04 1.97 -5.33	27.05 1.91 -1.86	25.40 1.74 -2.76	23.42 1.37 -1.53
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	25.28 1.50 -0.74	23.48 1.37 -1.30	21.47 1.14 -2.45	20.79 1.06 -2.39	20.54 1.10 -1.67	22.82 1.30 -0.89	25.07 1.37 -2.89	27.66 1.79 -5.07	27.96 1.96 -5.15	29.72 2.01 -6.82	28.35 2.13 -3.85	30.11 2.00 -7.26	30.82 2.07 -7.89	32.96 2.02 -10.52	32.49 2.01 -9.94	32.24 1.96 -10.71	40.03 1.96 -19.05	42.94 2.08 -19.89	39.26 2.02 -16.24	35.73 2.02 -11.97	31.51 2.18 -5.58	27.37 2.14 -1.95	25.83 2.03 -2.89	23.67 1.56 -1.60
W50THST__13_KV_LOAD 356117	25.40 1.61 -0.74	23.58 1.48 -1.30	21.56 1.23 -2.45	20.87 1.14 -2.39	20.63 1.19 -1.67	22.92 1.40 -0.89	25.18 1.48 -2.89	27.79 1.91 -5.07	28.10 2.11 -5.15	29.87 2.15 -6.82	28.50 2.28 -3.85	30.26 2.15 -7.26	30.99 2.23 -7.89	33.11 2.16 -10.52	32.63 2.16 -9.94	32.40 2.11 -10.71	40.16 2.09 -19.05	43.11 2.24 -19.89	39.41 2.16 -16.24	35.86 2.15 -11.97	31.65 2.33 -5.58	27.49 2.26 -1.95	25.93 2.13 -2.89	23.78 1.66 -1.60
WADING RIVER_IC_1 23522	28.34 2.76 -2.53	26.29 2.43 -3.05	23.17 2.11 -3.19	22.34 2.01 -2.99	22.16 2.04 -2.35	26.58 2.39 -3.56	28.41 2.47 -5.13	30.55 2.81 -6.94	32.81 3.04 -8.92	37.26 3.09 -13.28	36.11 3.07 -10.68	37.87 2.81 -14.21	46.30 2.88 -22.55	50.31 2.82 -27.07	83.61 2.81 -60.25	85.06 2.74 -62.74	125.15 2.70 -103.42	125.29 2.94 -101.38	112.03 2.90 -88.13	72.13 3.02 -47.36	44.86 3.35 -17.77	38.02 3.40 -11.34	33.40 3.09 -9.39	29.06 2.65 -5.90
WADING RIVER_IC_2 23547	28.34 2.76 -2.53	26.29 2.43 -3.05	23.17 2.11 -3.19	22.34 2.01 -2.99	22.16 2.04 -2.35	26.58 2.39 -3.56	28.41 2.47 -5.13	30.55 2.81 -6.94	32.81 3.04 -8.92	37.26 3.09 -13.28	36.11 3.07 -10.68	37.87 2.81 -14.21	46.30 2.88 -22.55	50.31 2.82 -27.07	83.61 2.81 -60.25	85.06 2.74 -62.74	125.15 2.70 -103.42	125.29 2.94 -101.38	112.03 2.90 -88.13	72.13 3.02 -47.36	44.86 3.35 -17.77	38.02 3.40 -11.34	33.40 3.09 -9.39	29.06 2.65 -5.90
WADING RIVER_IC_3 23601	28.34 2.76 -2.53	26.29 2.43 -3.05	23.17 2.11 -3.19	22.34 2.01 -2.99	22.16 2.04 -2.35	26.58 2.39 -3.56	28.41 2.47 -5.13	30.55 2.81 -6.94	32.81 3.04 -8.92	37.26 3.09 -13.28	36.11 3.07 -10.68	37.87 2.81 -14.21	46.30 2.88 -22.55	50.31 2.82 -27.07	83.61 2.81 -60.25	85.06 2.74 -62.74	125.15 2.70 -103.42	125.29 2.94 -101.38	112.03 2.90 -88.13	72.13 3.02 -47.36	44.86 3.35 -17.77	38.02 3.40 -11.34	33.40 3.09 -9.39	29.06 2.65 -5.90
WALDENNY_12_KV_BK2 80841	22.80 -0.37 -0.12	20.52 -0.50 -0.22	17.80 -0.48 -0.41	17.23 -0.50 -0.40	17.46 -0.59 -0.28	20.11 -0.66 -0.15	20.70 -0.58 -0.48	20.75 -0.89 -0.84	20.98 -0.75 -0.88	21.43 -0.63 -1.17	22.40 -0.63 -0.66	21.32 -0.77 -1.24	21.45 -0.73 -1.31	21.52 -0.63 -1.73	21.54 -0.64 -1.64	20.61 -0.72 -1.76	21.36 -0.76 -3.10	23.85 -0.36 -3.23	23.46 -0.25 -2.71	23.59 -0.20 -2.04	24.27 -0.43 -0.95	23.50 -0.12 -0.33	20.92 -0.48 -0.49	20.48 -0.31 -0.27
WALDEN__HYDRO 24148	25.16 1.41 -0.71	23.28 1.23 -1.25	21.28 1.05 -2.36	20.62 0.99 -2.30	20.37 0.99 -1.61	22.68 1.20 -0.86	24.80 1.21 -2.79	27.09 1.39 -4.88	27.24 1.44 -4.95	28.94 1.48 -6.56	27.66 1.59 -3.70	29.31 1.48 -6.98	29.93 1.52 -7.54	31.97 1.51 -10.03	31.54 1.52 -9.48	31.29 1.51 -10.21	38.70 1.56 -18.12	41.62 1.72 -18.92	38.24 1.70 -15.55	34.99 1.74 -11.51	31.02 1.88 -5.40	26.98 1.82 -1.89	25.31 1.61 -2.79	23.38 1.31 -1.55
WARRENSBURG____ 23737	24.95 0.95 -0.96	23.33 0.83 -1.69	21.76 0.70 -3.19	21.11 0.66 -3.11	20.64 0.69 -2.17	22.61 0.83 -1.16	25.49 0.91 -3.77	28.43 1.02 -6.60	28.60 1.04 -6.71	30.75 0.96 -8.89	28.46 1.07 -5.01	31.23 0.92 -9.46	31.41 0.84 -9.70	33.99 0.86 -12.71	33.49 0.86 -12.08	33.29 0.78 -12.94	42.27 0.76 -22.48	45.40 0.94 -23.48	42.28 1.01 -20.27	38.43 1.09 -15.60	32.44 1.19 -7.52	27.09 1.19 -2.63	25.66 0.86 -3.88	23.41 0.74 -2.16
WATERSIDE____6 8 9 23538	25.35 1.57 -0.74	23.52 1.41 -1.30	21.50 1.18 -2.45	20.82 1.09 -2.39	20.56 1.12 -1.67	22.82 1.30 -0.89	25.03 1.33 -2.89	27.66 1.79 -5.07	27.94 1.94 -5.15	29.72 2.01 -6.82	28.32 2.10 -3.85	30.09 1.98 -7.26	30.85 2.09 -7.89	32.99 2.04 -10.53	32.50 2.01 -9.94	32.27 1.98 -10.72	40.04 1.96 -19.05	42.90 2.03 -19.89	39.22 1.97 -16.24	35.71 2.00 -11.97	31.56 2.23 -5.58	27.40 2.16 -1.95	25.88 2.07 -2.89	23.69 1.58 -1.60
WATKINRD_115KV_LN8_ILLION 55919	23.32 0.28 0.00	21.04 0.23 0.00	18.03 0.16 0.00	17.49 0.16 0.00	17.93 0.16 0.00	20.81 0.19 0.00	21.00 0.19 0.00	21.02 0.21 0.00	21.04 0.19 0.00	21.06 0.17 0.00	22.60 0.22 0.00	21.04 0.19 0.00	21.06 0.19 0.00	20.52 0.10 0.00	20.60 0.06 0.00	19.63 0.06 0.00	19.06 0.04 0.00	21.06 0.08 0.00	21.10 0.10 0.00	21.85 0.11 0.00	23.88 0.14 0.00	23.44 0.16 0.00	21.04 0.13 0.00	20.61 0.10 0.00
WATSON__69_KV_BK 1 55734	28.25 2.67 -2.53	26.25 2.39 -3.05	23.08 2.02 -3.19	22.25 1.92 -2.99	22.09 1.97 -2.35	26.50 2.31 -3.56	28.35 2.41 -5.12	30.50 2.77 -6.93	32.75 2.98 -8.92	35.22 3.03 -11.30	34.37 3.07 -8.93	34.22 2.81 -10.56	45.71 2.90 -21.93	42.43 2.80 -19.21	60.90 2.79 -37.56	61.63 2.66 -39.39	83.38 2.64 -61.71	84.87 2.89 -61.00	76.47 2.94 -52.53	54.67 3.00 -29.93	42.85 3.35 -15.76	35.18 3.33 -8.57	33.31 3.03 -9.37	28.99 2.58 -5.89
WDELAWARE__HYD 323627	25.11 1.43 -0.64	23.16 1.23 -1.13	21.04 1.04 -2.13	20.38 0.97 -2.07	20.20 0.98 -1.45	22.58 1.18 -0.78	24.55 1.23 -2.52	26.59 1.37 -4.41	26.72 1.40 -4.48	28.27 1.44 -5.93	27.33 1.61 -3.35	28.67 1.50 -6.31	29.21 1.57 -6.77	30.88 1.47 -8.99	30.54 1.50 -8.50	30.23 1.51 -9.15	36.78 1.56 -16.19	39.63 1.74 -16.91	36.71 1.72 -13.98	33.89 1.74 -10.41	30.49 1.88 -4.87	26.77 1.79 -1.70	25.02 1.59 -2.52	23.22 1.31 -1.40
WEST BABYLON__IC 23714	28.06 2.49 -2.53	26.11 2.25 -3.05	22.96 1.89 -3.19	22.13 1.80 -2.99	21.97 1.85 -2.35	26.35 2.17 -3.56	28.18 2.25 -5.12	30.31 2.58 -6.93	32.53 2.77 -8.91	33.48 2.82 -9.77	32.81 2.86 -7.57	32.73 2.65 -9.23	38.41 2.73 -14.80	36.21 2.65 -13.13	43.26 2.65 -20.07	43.51 2.54 -21.39	51.12 2.53 -29.56	53.63 2.77 -29.88	48.87 2.79 -25.07	41.06 2.85 -16.47	41.12 3.16 -14.22	33.99 3.14 -7.57	33.14 2.87 -9.36	28.85 2.44 -5.89

WEST CANADA___HYD 24049	23.16 0.12 0.00	20.87 0.06 0.00	17.93 0.05 0.00	17.39 0.05 0.00	17.82 0.05 0.00	20.71 0.08 0.00	20.89 0.08 0.00	20.89 0.08 0.00	20.93 0.08 0.00	20.98 0.08 0.00	22.49 0.11 0.00	20.93 0.08 0.00	20.96 0.08 0.00	20.48 0.06 0.00	20.58 0.04 0.00	19.63 0.06 0.00	19.06 0.04 0.00	21.06 0.08 0.00	21.08 0.08 0.00	21.83 0.09 0.00	23.84 0.10 0.00	23.37 0.09 0.00	20.98 0.06 0.00	20.57 0.06 0.00
WESTERN_NY_WIND 24143	23.38 0.23 -0.11	20.81 -0.19 -0.19	18.21 -0.02 -0.35	17.61 -0.07 -0.34	17.89 -0.12 -0.24	20.67 -0.08 -0.13	21.17 -0.06 -0.43	21.06 -0.50 -0.75	21.20 -0.42 -0.76	21.59 -0.31 -1.01	22.70 -0.25 -0.57	21.51 -0.42 -1.08	21.61 -0.40 -1.13	21.55 -0.37 -1.50	21.59 -0.37 -1.42	20.83 -0.27 -1.53	21.21 -0.49 -2.68	23.78 0.00 -2.80	23.44 0.08 -2.35	23.69 0.17 -1.77	24.48 -0.02 -0.76	23.80 0.26 -0.27	21.16 -0.15 -0.39	20.67 -0.06 -0.22
WESTOVER___LESR 323668	23.51 0.23 -0.23	21.34 0.12 -0.41	18.68 0.04 -0.77	18.11 0.02 -0.75	18.31 0.02 -0.53	20.95 0.04 -0.28	21.84 0.12 -0.91	22.51 0.10 -1.59	22.69 0.17 -1.67	23.31 0.21 -2.21	23.89 0.27 -1.25	23.35 0.15 -2.35	23.52 0.17 -2.48	23.89 0.18 -3.28	23.83 0.18 -3.11	23.05 0.14 -3.34	25.01 0.11 -5.87	27.42 0.31 -6.13	26.50 0.36 -5.15	26.01 0.39 -3.88	26.19 0.33 -2.11	24.51 0.37 -0.86	22.04 0.19 -0.94	21.20 0.16 -0.52
WETHRSFD_WT_PWR 323626	23.14 -0.05 -0.14	20.61 -0.44 -0.24	18.06 -0.27 -0.45	17.45 -0.33 -0.44	17.69 -0.39 -0.31	20.42 -0.37 -0.17	20.99 -0.37 -0.55	20.99 -0.79 -0.97	21.15 -0.69 -0.99	21.61 -0.58 -1.31	22.48 -0.63 -0.74	21.47 -0.77 -1.39	21.59 -0.75 -1.47	21.70 -0.65 -1.94	21.72 -0.66 -1.84	20.98 -0.57 -1.97	21.73 -0.76 -3.47	24.22 -0.38 -3.62	23.79 -0.25 -3.04	23.86 -0.17 -2.29	24.39 -0.33 -0.98	23.53 -0.09 -0.34	21.00 -0.42 -0.51	20.42 -0.37 -0.28
WHAVSTOR_138KV_BK127 55557	25.02 1.27 -0.71	23.19 1.14 -1.24	21.18 0.97 -2.34	20.52 0.90 -2.28	20.29 0.92 -1.60	22.57 1.09 -0.86	24.72 1.14 -2.77	27.09 1.44 -4.84	27.36 1.58 -4.92	29.03 1.61 -6.53	27.78 1.72 -3.68	29.40 1.61 -6.94	30.07 1.67 -7.53	32.12 1.65 -10.04	31.69 1.66 -9.49	31.42 1.62 -10.22	38.83 1.64 -18.17	41.72 1.76 -18.98	38.26 1.74 -15.52	34.93 1.74 -11.45	30.96 1.88 -5.34	26.96 1.82 -1.87	25.33 1.65 -2.76	23.34 1.29 -1.53
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	25.02 1.27 -0.71	23.19 1.14 -1.24	21.18 0.97 -2.34	20.52 0.90 -2.28	20.29 0.92 -1.60	22.57 1.09 -0.86	24.72 1.14 -2.77	27.09 1.44 -4.84	27.36 1.58 -4.92	29.03 1.61 -6.53	27.78 1.72 -3.68	29.40 1.61 -6.94	30.07 1.67 -7.53	32.12 1.65 -10.04	31.69 1.66 -9.49	31.42 1.62 -10.22	38.83 1.64 -18.17	41.72 1.76 -18.98	38.26 1.74 -15.52	34.93 1.74 -11.45	30.96 1.88 -5.34	26.96 1.82 -1.87	25.33 1.65 -2.76	23.34 1.29 -1.53
WHITEHAL_115KV_TB1 80871	25.73 1.73 -0.96	24.01 1.52 -1.69	22.29 1.23 -3.18	21.64 1.20 -3.11	21.19 1.24 -2.17	23.29 1.51 -1.16	26.23 1.66 -3.76	29.16 1.77 -6.58	29.37 1.81 -6.71	31.53 1.75 -8.89	29.28 1.90 -5.01	31.99 1.69 -9.45	32.08 1.52 -9.69	34.66 1.55 -12.69	34.18 1.58 -12.06	33.92 1.43 -12.91	42.87 1.41 -22.43	46.12 1.72 -23.43	43.04 1.81 -20.24	39.26 1.94 -15.59	33.15 2.14 -7.27	27.94 2.12 -2.54	26.22 1.55 -3.76	23.95 1.35 -2.09
WHITEPLN_13_KV_LOAD 356215	25.30 1.52 -0.74	23.48 1.37 -1.29	21.46 1.14 -2.44	20.81 1.09 -2.38	20.56 1.12 -1.67	22.84 1.32 -0.89	25.09 1.39 -2.88	27.61 1.75 -5.05	27.90 1.92 -5.13	29.64 1.94 -6.80	28.45 2.24 -3.84	30.17 2.08 -7.24	30.91 2.17 -7.86	32.89 1.98 -10.49	32.42 1.97 -9.91	32.17 1.92 -10.68	39.96 1.94 -18.99	42.91 2.10 -19.83	39.25 2.06 -16.20	35.72 2.04 -11.93	31.49 2.18 -5.57	27.34 2.12 -1.95	25.74 1.94 -2.88	23.67 1.56 -1.60
WM_FLOYD_69_KV_BK2 356380	28.20 2.63 -2.53	26.21 2.35 -3.05	23.08 2.02 -3.19	22.25 1.92 -2.99	22.09 1.97 -2.35	26.48 2.29 -3.56	28.33 2.39 -5.12	30.48 2.75 -6.93	32.75 2.98 -8.92	37.24 2.99 -13.36	36.10 2.98 -10.75	35.86 2.73 -12.28	46.42 2.80 -22.75	50.52 2.72 -27.38	84.39 2.71 -61.14	85.84 2.60 -63.66	126.69 2.61 -105.06	126.79 2.85 -102.96	113.43 2.90 -89.54	72.73 2.94 -48.06	44.84 3.28 -17.82	36.43 3.28 -9.87	33.30 3.01 -9.37	28.97 2.56 -5.89
WOODARD__115KV_TB2 355635	23.04 -0.07 -0.07	20.80 -0.12 -0.12	17.93 -0.16 -0.22	17.38 -0.17 -0.22	17.74 -0.18 -0.15	20.52 -0.19 -0.08	21.01 -0.06 -0.26	21.12 -0.15 -0.46	21.19 -0.15 -0.49	21.43 -0.10 -0.64	22.69 -0.04 -0.36	21.43 -0.10 -0.69	21.49 -0.10 -0.72	21.27 -0.10 -0.96	21.36 -0.08 -0.91	20.43 -0.12 -0.97	20.60 -0.13 -1.71	22.76 0.00 -1.79	22.50 0.00 -1.50	22.87 0.00 -1.13	24.66 -0.14 -1.06	23.70 -0.16 -0.59	20.95 -0.23 -0.27	20.52 -0.14 -0.15
YORK___WARBASSE 23770	25.52 1.73 -0.75	23.65 1.54 -1.30	21.59 1.27 -2.45	20.91 1.18 -2.39	20.65 1.21 -1.67	22.90 1.38 -0.89	25.07 1.37 -2.89	27.75 1.87 -5.07	28.00 2.00 -5.15	29.81 2.09 -6.82	28.39 2.17 -3.85	30.17 2.06 -7.26	30.96 2.19 -7.89	33.12 2.16 -10.53	32.64 2.16 -9.95	32.33 2.04 -10.72	40.13 2.05 -19.05	42.99 2.12 -19.89	39.30 2.06 -16.24	35.86 2.15 -11.97	31.68 2.35 -5.58	27.54 2.30 -1.95	26.02 2.22 -2.89	23.84 1.72 -1.60