

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

08/18/2023

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	25.57	23.94	22.54	21.79	21.37	23.34	24.96	27.48	28.44	29.30	28.66	29.47	30.27	32.68	34.03	34.09	42.87	42.64	36.03	32.88	28.88	26.60	24.81	23.14
24138	1.42	1.14	1.06	1.08	1.07	1.04	1.24	1.69	1.88	1.94	1.85	1.92	1.90	1.67	1.55	1.80	1.78	1.88	2.04	1.72	1.98	1.72	1.72	1.21
	-5.45	-7.34	-7.15	-6.34	-5.80	-8.10	-6.94	-5.45	-5.69	-6.47	-5.95	-6.71	-7.52	-11.53	-14.47	-11.64	-21.58	-19.84	-10.58	-10.22	-2.19	-4.35	-2.18	-5.76
74TH STREET_GT_1	25.61	23.99	22.57	21.82	21.40	23.35	24.98	27.50	28.46	29.30	28.68	29.47	30.20	32.62	33.93	34.02	42.68	42.47	36.06	32.96	28.93	26.59	24.89	23.10
24260	1.46	1.19	1.09	1.11	1.10	1.05	1.26	1.71	1.90	1.94	1.88	1.92	1.92	1.75	1.62	1.86	1.83	1.94	2.06	1.80	2.05	1.77	1.82	1.25
	-5.45	-7.34	-7.15	-6.34	-5.80	-8.10	-6.94	-5.45	-5.69	-6.47	-5.95	-6.71	-7.43	-11.39	-14.30	-11.51	-21.33	-19.61	-10.58	-10.22	-2.16	-4.30	-2.16	-5.69
74TH STREET_GT_2	25.61	23.99	22.57	21.82	21.40	23.35	24.98	27.50	28.46	29.30	28.68	29.47	30.20	32.62	33.93	34.02	42.68	42.47	36.06	32.96	28.93	26.59	24.89	23.10
24261	1.46	1.19	1.09	1.11	1.10	1.05	1.26	1.71	1.90	1.94	1.88	1.92	1.92	1.75	1.62	1.86	1.83	1.94	2.06	1.80	2.05	1.77	1.82	1.25
	-5.45	-7.34	-7.15	-6.34	-5.80	-8.10	-6.94	-5.45	-5.69	-6.47	-5.95	-6.71	-7.43	-11.39	-14.30	-11.51	-21.33	-19.61	-10.58	-10.22	-2.16	-4.30	-2.16	-5.69
ADK HUDSON___FALLS	27.58	26.62	25.10	24.05	23.46	26.29	27.50	29.21	30.18	30.97	30.45	31.39	32.15	36.16	37.69	36.30	46.74	46.65	39.14	36.02	29.61	27.81	25.44	25.03
24011	1.51	1.25	1.12	1.12	1.13	1.15	1.34	1.51	1.63	1.69	1.56	1.48	1.38	1.30	1.19	1.34	1.27	1.38	1.64	1.47	1.98	1.48	1.61	1.18
	-7.36	-9.91	-9.65	-8.56	-7.83	-10.94	-9.37	-7.36	-7.68	-8.39	-8.04	-9.06	-9.93	-15.38	-18.50	-14.30	-25.96	-24.36	-14.08	-13.62	-2.92	-5.80	-2.91	-7.68
ADK RESOURCE___RCVRY	27.73	26.77	25.22	24.17	23.58	26.43	27.65	29.39	30.38	31.21	30.65	31.58	32.29	36.30	37.83	36.48	46.87	46.79	39.32	36.20	29.83	28.01	25.60	25.14
23798	1.66	1.39	1.23	1.24	1.25	1.28	1.49	1.69	1.81	1.92	1.75	1.67	1.52	1.46	1.33	1.53	1.41	1.53	1.80	1.63	2.20	1.68	1.78	1.29
	-7.36	-9.91	-9.66	-8.56	-7.84	-10.95	-9.38	-7.36	-7.69	-8.39	-8.05	-9.06	-9.92	-15.37	-18.49	-14.30	-25.95	-24.35	-14.09	-13.63	-2.91	-5.80	-2.91	-7.68
ADK S GLENS___FALLS	27.58	26.62	25.10	24.05	23.46	26.29	27.50	29.21	30.18	30.97	30.45	31.39	32.15	36.16	37.69	36.30	46.74	46.65	39.14	36.02	29.61	27.81	25.44	25.03
24028	1.51	1.25	1.12	1.12	1.13	1.15	1.34	1.51	1.63	1.69	1.56	1.48	1.38	1.30	1.19	1.34	1.27	1.38	1.64	1.47	1.98	1.48	1.61	1.18
	-7.36	-9.91	-9.65	-8.56	-7.83	-10.94	-9.37	-7.36	-7.68	-8.39	-8.04	-9.06	-9.93	-15.38	-18.50	-14.30	-25.96	-24.36	-14.08	-13.62	-2.92	-5.80	-2.91	-7.68
ADK_NYS___DAM	26.81	25.83	24.38	23.39	22.82	25.52	26.71	28.38	29.33	30.00	29.69	30.62	31.32	35.18	36.20	34.77	43.88	44.21	38.14	35.12	28.90	27.23	24.85	24.40
23527	1.05	0.87	0.79	0.80	0.81	0.82	0.94	0.98	1.08	1.04	1.13	1.08	1.02	0.97	0.90	1.05	0.98	1.07	1.22	1.13	1.38	1.15	1.15	0.87
	-7.06	-9.50	-9.26	-8.21	-7.51	-10.50	-8.99	-7.06	-7.37	-8.06	-7.71	-8.69	-9.45	-14.73	-17.30	-13.06	-23.39	-22.24	-13.51	-13.06	-2.79	-5.56	-2.79	-7.36
AIR_PRODUCTS___DRP	26.22	25.36	23.95	22.93	22.38	25.07	26.18	27.88	28.76	29.46	29.10	30.06	30.90	34.72	36.27	34.98	45.11	44.96	37.53	34.54	28.15	26.59	24.20	23.88
24190	0.43	0.36	0.32	0.32	0.33	0.33	0.37	0.45	0.48	0.48	0.50	0.48	0.48	0.43	0.40	0.48	0.43	0.46	0.54	0.48	0.62	0.47	0.48	0.31
	-7.09	-9.55	-9.30	-8.24	-7.55	-10.54	-9.03	-7.09	-7.41	-8.09	-7.75	-8.73	-9.57	-14.82	-17.87	-13.85	-25.17	-23.59	-13.57	-13.12	-2.81	-5.59	-2.81	-7.40
AKWESSNE_115KV_BK	18.23	15.08	13.97	14.00	14.15	13.82	16.38	20.00	20.45	20.45	20.45	20.47	20.47	19.12	17.68	20.16	19.12	20.43	22.79	20.43	24.03	20.06	20.39	15.64
355683	-0.47	-0.39	-0.36	-0.37	-0.35	-0.38	-0.40	-0.35	-0.42	-0.44	-0.40	-0.38	-0.38	-0.35	-0.32	-0.50	-0.39	-0.48	-0.63	-0.50	-0.69	-0.47	-0.52	-0.53
	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	26.22	25.36	23.95	22.93	22.38	25.07	26.18	27.88	28.76	29.46	29.10	30.06	30.90	34.72	36.27	34.98	45.11	44.96	37.53	34.54	28.15	26.59	24.20	23.88
23571	0.43	0.36	0.32	0.32	0.33	0.33	0.37	0.45	0.48	0.48	0.50	0.48	0.48	0.43	0.40	0.48	0.43	0.46	0.54	0.48	0.62	0.47	0.48	0.31
	-7.09	-9.55	-9.30	-8.24	-7.55	-10.54	-9.03	-7.09	-7.41	-8.09	-7.75	-8.73	-9.57	-14.82	-17.87	-13.85	-25.17	-23.59	-13.57	-13.12	-2.81	-5.59	-2.81	-7.40
ALBANY___2	26.22	25.36	23.95	22.93	22.38	25.07	26.18	27.88	28.76	29.46	29.10	30.06	30.90	34.72	36.27	34.98	45.11	44.96	37.53	34.54	28.15	26.59	24.20	23.88
23572	0.43	0.36	0.32	0.32	0.33	0.33	0.37	0.45	0.48	0.48	0.50	0.48	0.48	0.43	0.40	0.48	0.43	0.46	0.54	0.48	0.62	0.47	0.48	0.31
	-7.09	-9.55	-9.30	-8.24	-7.55	-10.54	-9.03	-7.09	-7.41	-8.09	-7.75	-8.73	-9.57	-14.82	-17.87	-13.85	-25.17	-23.59	-13.57	-13.12	-2.81	-5.59	-2.81	-7.40
ALBANY___3	26.22	25.36	23.95	22.93	22.38	25.07	26.18	27.88	28.76	29.46	29.10	30.06	30.90	34.72	36.27	34.98	45.11	44.96	37.53	34.54	28.15	26.59	24.20	23.88
23573	0.43	0.36	0.32	0.32	0.33	0.33	0.37	0.45	0.48	0.48	0.50	0.48	0.48	0.43	0.40	0.48	0.43	0.46	0.54	0.48	0.62	0.47	0.48	0.31
	-7.09	-9.55	-9.30	-8.24	-7.55	-10.54	-9.03	-7.09	-7.41	-8.09	-7.75	-8.73	-9.57	-14.82	-17.87	-13.85	-25.17	-23.59	-13.57	-13.12	-2.81	-5.59	-2.81	-7.40

ALBANY___4 23574	26.22 0.43 -7.09	25.36 0.36 -9.55	23.95 0.32 -9.30	22.93 0.32 -8.24	22.38 0.33 -7.55	25.07 0.33 -10.54	26.18 0.37 -9.03	27.88 0.45 -7.09	28.76 0.48 -7.41	29.46 0.48 -8.09	29.10 0.50 -7.75	30.06 0.48 -8.73	30.90 0.48 -9.57	34.72 0.43 -14.82	36.27 0.40 -17.87	34.98 0.48 -13.85	45.11 0.43 -25.17	44.96 0.46 -23.59	37.53 0.54 -13.57	34.54 0.48 -13.12	28.15 0.62 -2.81	26.59 0.47 -5.59	24.20 0.48 -2.81	23.88 0.31 -7.40
ALBANY___LFGE 323615	26.51 0.64 -7.17	25.64 0.53 -9.65	24.20 0.47 -9.40	23.18 0.47 -8.33	22.60 0.48 -7.63	25.34 0.48 -10.65	26.46 0.55 -9.13	28.16 0.65 -7.17	29.07 0.71 -7.48	29.80 0.73 -8.17	29.43 0.75 -7.83	30.40 0.73 -8.82	31.21 0.71 -9.65	35.07 0.64 -14.96	36.61 0.59 -18.01	35.27 0.68 -13.94	45.45 0.62 -25.31	45.34 0.69 -23.74	37.93 0.80 -13.72	34.91 0.71 -13.26	28.44 0.89 -2.83	26.87 0.70 -5.64	24.44 0.69 -2.83	24.11 0.47 -7.47
ALCOA_PA_115KV_PL-6C 55860	18.23 -0.47 0.00	15.06 -0.40 0.00	13.97 -0.36 0.00	13.99 -0.39 0.00	14.13 -0.36 0.00	13.82 -0.38 0.00	16.38 -0.40 0.00	20.00 -0.35 0.00	20.45 -0.42 0.00	20.45 -0.44 0.00	20.45 -0.40 0.00	20.47 -0.38 0.00	20.45 -0.40 0.00	19.14 -0.33 0.00	17.72 -0.29 0.00	20.12 -0.54 0.00	19.16 -0.35 0.00	20.41 -0.50 0.00	22.79 -0.63 0.00	20.41 -0.52 0.00	24.00 -0.72 0.00	20.04 -0.49 0.00	20.35 -0.56 0.00	15.62 -0.55 0.00
ALCOA_RYNLDS___DRP 24188	18.23 -0.47 0.00	15.06 -0.40 0.00	13.97 -0.36 0.00	13.99 -0.39 0.00	14.13 -0.36 0.00	13.82 -0.38 0.00	16.38 -0.40 0.00	20.00 -0.35 0.00	20.45 -0.42 0.00	20.45 -0.44 0.00	20.45 -0.40 0.00	20.47 -0.38 0.00	20.45 -0.40 0.00	19.14 -0.33 0.00	17.72 -0.29 0.00	20.12 -0.54 0.00	19.16 -0.35 0.00	20.41 -0.50 0.00	22.79 -0.63 0.00	20.41 -0.52 0.00	24.00 -0.72 0.00	20.04 -0.49 0.00	20.35 -0.56 0.00	15.62 -0.55 0.00
ALCOA___DSASP 323711	18.24 -0.47 0.00	15.06 -0.40 0.00	13.97 -0.36 0.00	13.99 -0.39 0.00	14.13 -0.36 0.00	13.82 -0.38 0.00	16.38 -0.40 0.00	20.00 -0.35 0.00	20.43 -0.44 0.00	20.45 -0.44 0.00	20.45 -0.40 0.00	20.47 -0.37 0.00	20.47 -0.37 0.00	19.16 -0.31 0.00	17.72 -0.29 0.00	20.10 -0.56 0.00	19.14 -0.37 0.00	20.41 -0.50 0.00	22.79 -0.63 0.00	20.43 -0.50 0.00	24.00 -0.72 0.00	19.91 -0.62 0.00	20.35 -0.56 0.00	15.62 -0.55 0.00
ALLEGHENY___COGEN 23514	20.38 0.79 -0.89	17.26 0.60 -1.20	16.01 0.52 -1.17	15.98 0.58 -1.03	15.98 0.54 -0.95	16.06 0.54 -1.32	18.35 0.44 -1.13	27.26 -0.12 -7.03	28.26 -0.42 -7.80	27.76 -0.48 -7.35	28.36 -0.65 -8.16	26.94 -0.71 -6.80	28.52 -0.79 -8.46	25.81 -0.68 -7.02	19.75 -0.54 -2.28	22.02 -0.43 -1.80	25.95 -0.47 -6.91	24.49 -0.29 -3.87	32.25 0.19 -8.64	22.96 0.38 -1.65	25.86 0.79 -0.35	21.95 0.72 -0.70	21.71 0.44 -0.35	17.95 0.86 -0.93
ALTAMONT_115KV_TB 2 55880	26.47 0.67 -7.09	25.56 0.56 -9.54	24.13 0.50 -9.30	23.14 0.52 -8.24	22.57 0.52 -7.55	25.25 0.51 -10.54	26.40 0.59 -9.03	28.11 0.67 -7.09	29.03 0.75 -7.40	29.71 0.73 -8.09	29.35 0.75 -7.75	30.31 0.73 -8.73	31.16 0.73 -9.58	34.98 0.68 -14.82	36.60 0.63 -17.96	35.37 0.72 -14.00	45.70 0.68 -25.50	45.50 0.75 -23.84	37.86 0.87 -13.57	34.81 0.75 -13.12	28.47 0.94 -2.81	26.86 0.74 -5.59	24.47 0.75 -2.81	24.12 0.55 -7.40
ALTONA_WT_PWR 323606	17.92 -0.78 0.00	14.80 -0.66 0.00	13.74 -0.59 0.00	13.73 -0.65 0.00	13.98 -0.52 0.00	13.62 -0.58 0.00	16.31 -0.47 0.00	20.10 -0.24 0.00	20.33 -0.54 0.00	20.35 -0.54 0.00	20.27 -0.58 0.00	20.54 -0.31 0.00	20.47 -0.37 0.00	18.93 -0.55 0.00	17.36 -0.65 0.00	19.68 -0.97 0.00	18.71 -0.80 0.00	20.01 -0.90 0.00	22.37 -1.05 0.00	20.12 -0.82 0.00	23.58 -1.14 0.00	19.54 -0.98 0.00	19.97 -0.94 0.00	15.30 -0.87 0.00
AMERICAN_REF_FUEL 24010	18.87 -0.64 -0.80	16.00 -0.54 -1.08	14.88 -0.50 -1.05	14.88 -0.43 -0.93	14.87 -0.48 -0.85	14.90 -0.50 -1.19	16.86 -0.94 -1.02	18.23 -1.53 0.59	18.53 -1.63 0.72	18.83 -1.50 0.56	18.47 -1.63 0.75	19.01 -1.50 0.33	18.80 -1.46 0.59	18.67 -1.29 -0.48	18.64 -1.42 -2.06	20.81 -1.47 -1.63	20.16 -1.50 -2.15	21.84 -1.65 -2.58	22.04 -1.31 0.07	20.87 -1.55 -1.49	23.65 -1.38 -0.32	20.22 -0.94 -0.63	20.14 -1.09 -0.32	16.88 -0.13 -0.84
ARKWRIGHT___SUMMIT_WT_PWR 323751	19.24 -0.36 -0.90	16.38 -0.29 -1.21	15.28 -0.23 -1.18	15.25 -0.17 -1.04	15.24 -0.22 -0.96	15.35 -0.19 -1.34	17.35 -0.57 -1.14	18.61 -1.12 0.61	18.91 -1.21 0.75	18.99 -1.36 0.55	18.67 -1.40 0.79	19.11 -1.44 0.30	18.80 -1.48 0.57	18.77 -1.30 -0.60	19.07 -1.24 -2.31	21.23 -1.24 -1.82	20.67 -1.29 -2.45	22.39 -1.42 -2.90	22.12 -1.31 -0.01	21.43 -1.17 -1.67	24.11 -0.96 -0.36	20.74 -0.49 -0.71	20.60 -0.67 -0.36	17.32 0.21 -0.94
ARTHUR_KILL_GT_1 23520	25.67 1.51 -5.46	24.03 1.22 -7.34	22.61 1.12 -7.15	21.84 1.12 -6.34	21.43 1.13 -5.80	23.30 0.99 -8.10	24.83 1.11 -6.94	27.37 1.59 -5.44	28.35 1.80 -5.68	30.68 1.86 -7.93	30.39 1.77 -7.77	32.71 1.85 -10.01	32.73 1.88 -10.01	32.73 1.73 -11.53	34.07 1.60 -14.46	34.15 1.86 -11.64	42.94 1.85 -21.58	42.72 1.97 -19.84	36.05 2.06 -10.57	33.53 1.82 -10.78	31.17 2.08 -4.37	31.87 1.83 -9.52	30.68 1.80 -7.97	23.21 1.28 -5.77
ARTHUR_KILL_2 23512	25.62 1.46 -5.46	23.98 1.17 -7.34	22.56 1.08 -7.15	21.80 1.08 -6.34	21.38 1.09 -5.80	23.25 0.95 -8.10	24.78 1.06 -6.94	27.31 1.53 -5.44	28.29 1.73 -5.68	30.62 1.80 -7.93	30.33 1.71 -7.77	32.65 1.79 -10.01	32.65 1.79 -10.01	32.65 1.65 -11.53	34.02 1.55 -14.46	34.08 1.80 -11.64	42.86 1.78 -21.58	42.63 1.88 -19.84	35.95 1.97 -10.57	33.45 1.74 -10.78	31.07 1.98 -4.37	31.79 1.74 -9.52	30.62 1.73 -7.97	23.17 1.23 -5.77
ARTHUR_KILL_3 23513	25.41 1.25 -5.45	23.80 1.00 -7.34	22.40 0.92 -7.15	21.63 0.92 -6.34	21.21 0.91 -5.80	23.18 0.88 -8.10	24.80 1.07 -6.94	27.28 1.48 -5.45	28.23 1.67 -5.69	30.52 1.69 -7.94	30.27 1.65 -7.78	32.53 1.67 -10.02	32.51 1.65 -10.02	32.48 1.48 -11.53	33.85 1.37 -14.47	33.87 1.57 -11.64	42.64 1.54 -21.58	42.39 1.63 -19.84	35.73 1.73 -10.58	33.25 1.53 -10.79	30.88 1.78 -4.38	31.61 1.56 -9.53	30.48 1.59 -7.98	23.00 1.07 -5.76
ARTHUR_KILL_COGEN 323718	25.67 1.51 -5.46	24.03 1.22 -7.34	22.61 1.12 -7.15	21.84 1.12 -6.34	21.43 1.13 -5.80	23.30 0.99 -8.10	24.83 1.11 -6.94	27.37 1.59 -5.44	28.35 1.80 -5.68	30.68 1.86 -7.93	30.39 1.77 -7.77	32.71 1.85 -10.01	32.73 1.88 -10.01	32.73 1.73 -11.53	34.07 1.60 -14.46	34.15 1.86 -11.64	42.94 1.85 -21.58	42.72 1.97 -19.84	36.05 2.06 -10.57	33.53 1.82 -10.78	31.17 2.08 -4.37	31.87 1.83 -9.52	30.68 1.80 -7.97	23.21 1.28 -5.77
ASHOKAN____ 23654	25.25 0.30 -6.25	24.08 0.20 -8.42	22.70 0.17 -8.20	21.83 0.19 -7.27	21.34 0.19 -6.65	23.69 0.20 -9.29	25.00 0.25 -7.96	26.88 0.28 -6.25	27.78 0.38 -6.53	28.36 0.35 -7.11	28.03 0.35 -6.83	28.88 0.33 -7.69	29.80 0.48 -8.47	32.94 0.41 -13.06	34.42 0.38 -16.04	33.75 0.45 -12.65	43.18 0.47 -23.20	43.05 0.58 -21.55	36.12 0.73 -11.98	33.12 0.61 -11.58	27.94 0.74 -2.48	25.99 0.53 -4.93	23.83 0.44 -2.47	22.92 0.23 -6.52

ASTORIA_EAST_ENERGY_CC1 323581	25.62 1.46 -5.46	23.98 1.17 -7.34	22.59 1.10 -7.15	21.82 1.11 -6.34	21.41 1.10 -5.81	23.34 1.04 -8.10	24.90 1.17 -6.94	27.39 1.59 -5.46	28.26 1.69 -5.70	29.06 1.69 -6.48	28.44 1.63 -5.96	29.25 1.69 -6.71	30.07 1.69 -7.53	32.55 1.54 -11.54	33.91 1.42 -14.48	33.93 1.63 -11.64	42.76 1.66 -21.59	42.52 1.76 -19.85	35.94 1.94 -10.58	32.78 1.61 -10.23	28.84 1.93 -2.19	26.55 1.66 -4.36	24.84 1.73 -2.19	23.21 1.28 -5.77
ASTORIA_EAST_ENERGY_CC2 323582	25.62 1.46 -5.46	23.98 1.17 -7.34	22.59 1.10 -7.15	21.82 1.11 -6.34	21.41 1.10 -5.81	23.34 1.04 -8.10	24.90 1.17 -6.94	27.39 1.59 -5.46	28.26 1.69 -5.70	29.06 1.69 -6.48	28.44 1.63 -5.96	29.25 1.69 -6.71	30.07 1.69 -7.53	32.55 1.54 -11.54	33.91 1.42 -14.48	33.93 1.63 -11.64	42.76 1.66 -21.59	42.52 1.76 -19.85	35.94 1.94 -10.58	32.78 1.61 -10.23	28.84 1.93 -2.19	26.55 1.66 -4.36	24.84 1.73 -2.19	23.21 1.28 -5.77
ASTORIA_GT2_1 24094	25.62 1.46 -5.46	24.00 1.19 -7.34	22.59 1.10 -7.15	21.82 1.11 -6.34	21.41 1.10 -5.81	23.34 1.04 -8.10	24.91 1.19 -6.94	27.41 1.61 -5.46	28.26 1.69 -5.70	29.08 1.71 -6.48	28.46 1.65 -5.96	29.25 1.69 -6.71	29.98 1.69 -7.44	32.47 1.60 -11.40	33.75 1.44 -14.31	33.87 1.71 -11.51	42.53 1.68 -21.34	42.31 1.78 -19.62	35.94 1.94 -10.58	32.76 1.59 -10.23	28.81 1.93 -2.16	26.45 1.62 -4.30	24.82 1.74 -2.17	23.14 1.28 -5.70
ASTORIA_GT2_2 24095	25.62 1.46 -5.46	24.00 1.19 -7.34	22.59 1.10 -7.15	21.82 1.11 -6.34	21.41 1.10 -5.81	23.34 1.04 -8.10	24.91 1.19 -6.94	27.41 1.61 -5.46	28.26 1.69 -5.70	29.08 1.71 -6.48	28.46 1.65 -5.96	29.25 1.69 -6.71	29.98 1.69 -7.44	32.47 1.60 -11.40	33.75 1.44 -14.31	33.87 1.71 -11.51	42.53 1.68 -21.34	42.31 1.78 -19.62	35.94 1.94 -10.58	32.76 1.59 -10.23	28.81 1.93 -2.16	26.45 1.62 -4.30	24.82 1.74 -2.17	23.14 1.28 -5.70
ASTORIA_GT2_3 24096	25.62 1.46 -5.46	24.00 1.19 -7.34	22.59 1.10 -7.15	21.82 1.11 -6.34	21.41 1.10 -5.81	23.34 1.04 -8.10	24.91 1.19 -6.94	27.41 1.61 -5.46	28.26 1.69 -5.70	29.08 1.71 -6.48	28.46 1.65 -5.96	29.25 1.69 -6.71	29.98 1.69 -7.44	32.47 1.60 -11.40	33.75 1.44 -14.31	33.87 1.71 -11.51	42.53 1.68 -21.34	42.31 1.78 -19.62	35.94 1.94 -10.58	32.76 1.59 -10.23	28.81 1.93 -2.16	26.45 1.62 -4.30	24.82 1.74 -2.17	23.14 1.28 -5.70
ASTORIA_GT2_4 24097	25.62 1.46 -5.46	24.00 1.19 -7.34	22.59 1.10 -7.15	21.82 1.11 -6.34	21.41 1.10 -5.81	23.34 1.04 -8.10	24.91 1.19 -6.94	27.41 1.61 -5.46	28.26 1.69 -5.70	29.08 1.71 -6.48	28.46 1.65 -5.96	29.25 1.69 -6.71	29.98 1.69 -7.44	32.47 1.60 -11.40	33.75 1.44 -14.31	33.87 1.71 -11.51	42.53 1.68 -21.34	42.31 1.78 -19.62	35.94 1.94 -10.58	32.76 1.59 -10.23	28.81 1.93 -2.16	26.45 1.62 -4.30	24.82 1.74 -2.17	23.14 1.28 -5.70
ASTORIA_GT3_1 24098	25.62 1.46 -5.46	24.00 1.19 -7.34	22.59 1.10 -7.15	21.82 1.11 -6.34	21.41 1.10 -5.81	23.34 1.04 -8.10	24.91 1.19 -6.94	27.41 1.61 -5.46	28.26 1.69 -5.70	29.08 1.71 -6.48	28.46 1.65 -5.96	29.25 1.69 -6.71	29.98 1.69 -7.44	32.47 1.60 -11.40	33.75 1.44 -14.31	33.87 1.71 -11.51	42.53 1.68 -21.34	42.31 1.78 -19.62	35.94 1.94 -10.58	32.76 1.59 -10.23	28.81 1.93 -2.16	26.45 1.62 -4.30	24.82 1.74 -2.17	23.14 1.28 -5.70
ASTORIA_GT3_2 24099	25.62 1.46 -5.46	24.00 1.19 -7.34	22.59 1.10 -7.15	21.82 1.11 -6.34	21.41 1.10 -5.81	23.34 1.04 -8.10	24.91 1.19 -6.94	27.41 1.61 -5.46	28.26 1.69 -5.70	29.08 1.71 -6.48	28.46 1.65 -5.96	29.25 1.69 -6.71	29.98 1.69 -7.44	32.47 1.60 -11.40	33.75 1.44 -14.31	33.87 1.71 -11.51	42.53 1.68 -21.34	42.31 1.78 -19.62	35.94 1.94 -10.58	32.76 1.59 -10.23	28.81 1.93 -2.16	26.45 1.62 -4.30	24.82 1.74 -2.17	23.14 1.28 -5.70
ASTORIA_GT3_3 24100	25.62 1.46 -5.46	24.00 1.19 -7.34	22.59 1.10 -7.15	21.82 1.11 -6.34	21.41 1.10 -5.81	23.34 1.04 -8.10	24.91 1.19 -6.94	27.41 1.61 -5.46	28.26 1.69 -5.70	29.08 1.71 -6.48	28.46 1.65 -5.96	29.25 1.69 -6.71	29.98 1.69 -7.44	32.47 1.60 -11.40	33.75 1.44 -14.31	33.87 1.71 -11.51	42.53 1.68 -21.34	42.31 1.78 -19.62	35.94 1.94 -10.58	32.76 1.59 -10.23	28.81 1.93 -2.16	26.45 1.62 -4.30	24.82 1.74 -2.17	23.14 1.28 -5.70
ASTORIA_GT3_4 24101	25.62 1.46 -5.46	24.00 1.19 -7.34	22.59 1.10 -7.15	21.82 1.11 -6.34	21.41 1.10 -5.81	23.34 1.04 -8.10	24.91 1.19 -6.94	27.41 1.61 -5.46	28.26 1.69 -5.70	29.08 1.71 -6.48	28.46 1.65 -5.96	29.25 1.69 -6.71	29.98 1.69 -7.44	32.47 1.60 -11.40	33.75 1.44 -14.31	33.87 1.71 -11.51	42.53 1.68 -21.34	42.31 1.78 -19.62	35.94 1.94 -10.58	32.76 1.59 -10.23	28.81 1.93 -2.16	26.45 1.62 -4.30	24.82 1.74 -2.17	23.14 1.28 -5.70
ASTORIA_GT4_1 24102	25.62 1.46 -5.46	24.00 1.19 -7.34	22.59 1.10 -7.15	21.82 1.11 -6.34	21.41 1.10 -5.81	23.34 1.04 -8.10	24.91 1.19 -6.94	27.41 1.61 -5.46	28.26 1.69 -5.70	29.08 1.71 -6.48	28.46 1.65 -5.96	29.25 1.69 -6.71	29.98 1.69 -7.44	32.47 1.60 -11.40	33.75 1.44 -14.31	33.87 1.71 -11.51	42.53 1.68 -21.34	42.31 1.78 -19.62	35.94 1.94 -10.58	32.76 1.59 -10.23	28.81 1.93 -2.16	26.45 1.62 -4.30	24.82 1.74 -2.17	23.14 1.28 -5.70
ASTORIA_GT4_2 24103	25.62 1.46 -5.46	24.00 1.19 -7.34	22.59 1.10 -7.15	21.82 1.11 -6.34	21.41 1.10 -5.81	23.34 1.04 -8.10	24.91 1.19 -6.94	27.41 1.61 -5.46	28.26 1.69 -5.70	29.08 1.71 -6.48	28.46 1.65 -5.96	29.25 1.69 -6.71	29.98 1.69 -7.44	32.47 1.60 -11.40	33.75 1.44 -14.31	33.87 1.71 -11.51	42.53 1.68 -21.34	42.31 1.78 -19.62	35.94 1.94 -10.58	32.76 1.59 -10.23	28.81 1.93 -2.16	26.45 1.62 -4.30	24.82 1.74 -2.17	23.14 1.28 -5.70
ASTORIA_GT4_3 24104	25.62 1.46 -5.46	24.00 1.19 -7.34	22.59 1.10 -7.15	21.82 1.11 -6.34	21.41 1.10 -5.81	23.34 1.04 -8.10	24.91 1.19 -6.94	27.41 1.61 -5.46	28.26 1.69 -5.70	29.08 1.71 -6.48	28.46 1.65 -5.96	29.25 1.69 -6.71	29.98 1.69 -7.44	32.47 1.60 -11.40	33.75 1.44 -14.31	33.87 1.71 -11.51	42.53 1.68 -21.34	42.31 1.78 -19.62	35.94 1.94 -10.58	32.76 1.59 -10.23	28.81 1.93 -2.16	26.45 1.62 -4.30	24.82 1.74 -2.17	23.14 1.28 -5.70
ASTORIA_GT4_4 24105	25.62 1.46 -5.46	24.00 1.19 -7.34	22.59 1.10 -7.15	21.82 1.11 -6.34	21.41 1.10 -5.81	23.34 1.04 -8.10	24.91 1.19 -6.94	27.41 1.61 -5.46	28.26 1.69 -5.70	29.08 1.71 -6.48	28.46 1.65 -5.96	29.25 1.69 -6.71	29.98 1.69 -7.44	32.47 1.60 -11.40	33.75 1.44 -14.31	33.87 1.71 -11.51	42.53 1.68 -21.34	42.31 1.78 -19.62	35.94 1.94 -10.58	32.76 1.59 -10.23	28.81 1.93 -2.16	26.45 1.62 -4.30	24.82 1.74 -2.17	23.14 1.28 -5.70
ASTORIA_GT_1 23523	25.66 1.50 -5.46	24.03 1.22 -7.34	22.62 1.13 -7.15	21.85 1.14 -6.34	21.44 1.13 -5.81	23.37 1.07 -8.10	24.95 1.22 -6.94	27.45 1.65 -5.46	28.30 1.73 -5.70	29.12 1.76 -6.48	28.50 1.69 -5.96	29.32 1.75 -6.71	30.13 1.75 -7.53	32.61 1.60 -11.54	33.96 1.48 -14.48	33.99 1.69 -11.64	42.82 1.72 -21.59	42.58 1.82 -19.85	36.01 2.01 -10.58	32.84 1.68 -10.23	28.88 1.98 -2.19	26.61 1.72 -4.36	24.88 1.78 -2.19	23.25 1.31 -5.77

ASTORIA_GT_10 24110	25.56 1.40 -5.46	23.95 1.14 -7.34	22.55 1.06 -7.15	21.78 1.06 -6.34	21.36 1.06 -5.80	23.30 0.99 -8.10	24.90 1.17 -6.94	27.43 1.63 -5.46	28.37 1.79 -5.70	33.41 1.82 -10.70	29.16 1.77 -6.54	30.74 1.81 -8.07	31.17 1.81 -8.50	32.53 1.65 -11.40	33.84 1.53 -14.31	33.92 1.76 -11.51	42.57 1.72 -21.34	42.37 1.84 -19.62	35.91 1.92 -10.58	32.88 1.72 -10.23	28.86 1.98 -2.16	26.52 1.68 -4.30	24.84 1.76 -2.17	23.08 1.21 -5.70
ASTORIA_GT_11 24225	25.56 1.40 -5.46	23.95 1.14 -7.34	22.55 1.06 -7.15	21.78 1.06 -6.34	21.36 1.06 -5.80	23.30 0.99 -8.10	24.90 1.17 -6.94	27.43 1.63 -5.46	28.37 1.79 -5.70	33.41 1.82 -10.70	29.16 1.77 -6.54	30.74 1.81 -8.07	31.17 1.81 -8.50	32.53 1.65 -11.40	33.84 1.53 -14.31	33.92 1.76 -11.51	42.57 1.72 -21.34	42.37 1.84 -19.62	35.91 1.92 -10.58	32.88 1.72 -10.23	28.86 1.98 -2.16	26.52 1.68 -4.30	24.84 1.76 -2.17	23.08 1.21 -5.70
ASTORIA_GT_12 24226	25.56 1.40 -5.46	23.95 1.14 -7.34	22.55 1.06 -7.15	21.78 1.06 -6.34	21.36 1.06 -5.80	23.30 0.99 -8.10	24.90 1.17 -6.94	27.43 1.63 -5.46	28.37 1.79 -5.70	33.41 1.82 -10.70	29.16 1.77 -6.54	30.74 1.81 -8.07	31.17 1.81 -8.50	32.53 1.65 -11.40	33.84 1.53 -14.31	33.92 1.76 -11.51	42.57 1.72 -21.34	42.37 1.84 -19.62	35.91 1.92 -10.58	32.88 1.72 -10.23	28.86 1.98 -2.16	26.52 1.68 -4.30	24.84 1.76 -2.17	23.08 1.21 -5.70
ASTORIA_GT_13 24227	25.56 1.40 -5.46	23.95 1.14 -7.34	22.55 1.06 -7.15	21.78 1.06 -6.34	21.36 1.06 -5.80	23.30 0.99 -8.10	24.90 1.17 -6.94	27.43 1.63 -5.46	28.37 1.79 -5.70	33.41 1.82 -10.70	29.16 1.77 -6.54	30.74 1.81 -8.07	31.17 1.81 -8.50	32.53 1.65 -11.40	33.84 1.53 -14.31	33.92 1.76 -11.51	42.57 1.72 -21.34	42.37 1.84 -19.62	35.91 1.92 -10.58	32.88 1.72 -10.23	28.86 1.98 -2.16	26.52 1.68 -4.30	24.84 1.76 -2.17	23.08 1.21 -5.70
ASTORIA_GT_5 24106	25.66 1.50 -5.46	24.03 1.22 -7.34	22.62 1.13 -7.15	21.85 1.14 -6.34	21.44 1.13 -5.81	23.37 1.07 -8.10	24.95 1.22 -6.94	27.45 1.65 -5.46	28.30 1.73 -5.70	29.12 1.76 -6.48	28.50 1.69 -5.96	29.32 1.75 -6.71	30.13 1.75 -7.53	32.61 1.60 -11.54	33.96 1.48 -14.48	33.99 1.69 -11.64	42.82 1.72 -21.59	42.58 1.82 -19.85	36.01 2.01 -10.58	32.84 1.68 -10.23	28.88 1.98 -2.19	26.61 1.72 -4.36	24.88 1.78 -2.19	23.25 1.31 -5.77
ASTORIA_GT_7 24107	25.66 1.50 -5.46	24.03 1.22 -7.34	22.62 1.13 -7.15	21.85 1.14 -6.34	21.44 1.13 -5.81	23.37 1.07 -8.10	24.95 1.22 -6.94	27.45 1.65 -5.46	28.30 1.73 -5.70	29.12 1.76 -6.48	28.50 1.69 -5.96	29.32 1.75 -6.71	30.13 1.75 -7.53	32.61 1.60 -11.54	33.96 1.48 -14.48	33.99 1.69 -11.64	42.82 1.72 -21.59	42.58 1.82 -19.85	36.01 2.01 -10.58	32.84 1.68 -10.23	28.88 1.98 -2.19	26.61 1.72 -4.36	24.88 1.78 -2.19	23.25 1.31 -5.77
ASTORIA_GT_8 24108	25.66 1.50 -5.46	24.03 1.22 -7.34	22.62 1.13 -7.15	21.85 1.14 -6.34	21.44 1.13 -5.81	23.37 1.07 -8.10	24.95 1.22 -6.94	27.45 1.65 -5.46	28.32 1.75 -5.70	29.12 1.75 -6.48	28.50 1.69 -5.96	29.32 1.75 -6.71	30.04 1.75 -7.44	32.51 1.64 -11.40	33.79 1.48 -14.31	33.94 1.78 -11.51	42.59 1.74 -21.34	42.37 1.84 -19.62	35.99 1.99 -10.58	32.80 1.63 -10.23	28.86 1.98 -2.16	26.50 1.66 -4.30	24.86 1.78 -2.17	23.18 1.31 -5.70
ASTORIA___2 24149	25.62 1.46 -5.46	24.00 1.19 -7.34	22.59 1.10 -7.15	21.82 1.11 -6.34	21.41 1.10 -5.81	23.34 1.04 -8.10	24.91 1.19 -6.94	27.41 1.61 -5.46	28.26 1.69 -5.70	29.08 1.71 -6.48	28.46 1.65 -5.96	29.25 1.69 -6.71	30.07 1.69 -7.53	32.55 1.54 -11.54	33.93 1.44 -14.48	33.95 1.65 -11.64	42.78 1.68 -21.59	42.54 1.78 -19.85	35.94 1.94 -10.58	32.78 1.61 -10.23	28.84 1.93 -2.19	26.55 1.66 -4.36	24.84 1.73 -2.19	23.21 1.28 -5.77
ASTORIA___3 23516	25.58 1.42 -5.46	23.95 1.14 -7.34	22.55 1.06 -7.15	21.78 1.06 -6.34	21.35 1.06 -5.80	23.30 0.99 -8.10	24.90 1.17 -6.94	27.43 1.63 -5.46	28.37 1.80 -5.70	33.41 1.82 -10.70	29.16 1.77 -6.54	30.74 1.81 -8.07	31.26 1.81 -8.60	32.65 1.64 -11.54	34.00 1.51 -14.48	34.05 1.75 -11.64	42.82 1.72 -21.59	42.61 1.84 -19.85	35.94 1.94 -10.58	32.88 1.72 -10.23	28.88 1.98 -2.19	26.61 1.72 -4.36	24.86 1.76 -2.19	23.15 1.21 -5.77
ASTORIA___4 23517	25.56 1.40 -5.46	23.95 1.14 -7.34	22.55 1.06 -7.15	21.78 1.06 -6.34	21.36 1.06 -5.80	23.30 0.99 -8.10	24.90 1.17 -6.94	27.43 1.63 -5.46	28.37 1.79 -5.70	33.41 1.82 -10.70	29.16 1.77 -6.54	30.74 1.81 -8.07	31.17 1.81 -8.50	32.53 1.65 -11.40	33.84 1.53 -14.31	33.92 1.76 -11.51	42.57 1.72 -21.34	42.37 1.84 -19.62	35.91 1.92 -10.58	32.86 1.70 -10.23	28.86 1.98 -2.16	26.52 1.68 -4.30	24.84 1.76 -2.17	23.08 1.21 -5.70
ASTORIA___5 23518	25.58 1.42 -5.46	23.95 1.14 -7.34	22.55 1.06 -7.15	21.78 1.06 -6.34	21.35 1.06 -5.80	23.30 0.99 -8.10	24.90 1.17 -6.94	27.43 1.63 -5.46	28.37 1.80 -5.70	33.41 1.82 -10.70	29.16 1.77 -6.54	30.74 1.81 -8.07	31.26 1.81 -8.60	32.65 1.64 -11.54	34.00 1.51 -14.48	34.05 1.75 -11.64	42.82 1.72 -21.59	42.61 1.84 -19.85	35.94 1.94 -10.58	32.88 1.72 -10.23	28.88 1.98 -2.19	26.61 1.72 -4.36	24.86 1.76 -2.19	23.15 1.21 -5.77
AST_ENERGY_2_CC3 323677	25.46 1.31 -5.45	23.85 1.05 -7.34	22.45 0.98 -7.15	21.69 0.98 -6.34	21.27 0.97 -5.80	23.24 0.94 -8.10	24.85 1.12 -6.94	27.32 1.53 -5.45	28.27 1.71 -5.69	29.09 1.73 -6.47	28.47 1.67 -5.95	29.27 1.71 -6.71	30.08 1.71 -7.52	32.54 1.54 -11.53	33.90 1.42 -14.47	33.95 1.65 -11.64	42.71 1.62 -21.58	42.47 1.72 -19.84	35.82 1.83 -10.58	32.75 1.59 -10.22	28.76 1.85 -2.19	26.50 1.62 -4.35	24.75 1.65 -2.18	23.04 1.11 -5.76
AST_ENERGY_2_CC4 323678	25.46 1.31 -5.45	23.85 1.05 -7.34	22.45 0.98 -7.15	21.69 0.98 -6.34	21.27 0.97 -5.80	23.24 0.94 -8.10	24.85 1.12 -6.94	27.32 1.53 -5.45	28.27 1.71 -5.69	29.09 1.73 -6.47	28.47 1.67 -5.95	29.27 1.71 -6.71	30.08 1.71 -7.52	32.54 1.54 -11.53	33.90 1.42 -14.47	33.95 1.65 -11.64	42.71 1.62 -21.58	42.47 1.72 -19.84	35.82 1.83 -10.58	32.75 1.59 -10.22	28.76 1.85 -2.19	26.50 1.62 -4.35	24.75 1.65 -2.18	23.04 1.11 -5.76
ATHENS_STG_1 23668	25.73 0.79 -6.24	24.51 0.65 -8.40	23.12 0.60 -8.18	22.25 0.62 -7.26	21.75 0.61 -6.64	24.08 0.60 -9.28	25.42 0.69 -7.95	27.42 0.83 -6.24	28.31 0.92 -6.52	28.95 0.92 -7.14	28.59 0.92 -6.82	29.47 0.94 -7.68	30.27 0.96 -8.46	33.37 0.88 -13.02	34.91 0.81 -16.09	34.37 0.95 -12.76	43.89 0.90 -23.48	43.62 0.96 -21.75	36.44 1.08 -11.94	33.42 0.94 -11.54	28.30 1.11 -2.47	26.38 0.94 -4.91	24.32 0.94 -2.47	23.35 0.68 -6.50
ATHENS_STG_2 23670	25.73 0.79 -6.24	24.51 0.65 -8.40	23.12 0.60 -8.18	22.25 0.62 -7.26	21.75 0.61 -6.64	24.08 0.60 -9.28	25.42 0.69 -7.95	27.42 0.83 -6.24	28.31 0.92 -6.52	28.95 0.92 -7.14	28.59 0.92 -6.82	29.47 0.94 -7.68	30.27 0.96 -8.46	33.37 0.88 -13.02	34.91 0.81 -16.09	34.37 0.95 -12.76	43.89 0.90 -23.48	43.62 0.96 -21.75	36.44 1.08 -11.94	33.42 0.94 -11.54	28.30 1.11 -2.47	26.38 0.94 -4.91	24.32 0.94 -2.47	23.35 0.68 -6.50

ATHENS_STG_3 23677	25.73 0.79 -6.24	24.51 0.65 -8.40	23.12 0.60 -8.18	22.25 0.62 -7.26	21.75 0.61 -6.64	24.08 0.60 -9.28	25.42 0.69 -7.95	27.42 0.83 -6.24	28.31 0.92 -6.52	28.95 0.92 -7.14	28.59 0.92 -6.82	29.47 0.94 -7.68	30.27 0.96 -8.46	33.37 0.88 -13.02	34.91 0.81 -16.09	34.37 0.95 -12.76	43.89 0.90 -23.48	43.62 0.96 -21.75	36.44 1.08 -11.94	33.42 0.94 -11.54	28.30 1.11 -2.47	26.38 0.94 -4.91	24.32 0.94 -2.47	23.35 0.68 -6.50
AUBURN____LFGE 323710	19.89 0.52 -0.66	16.81 0.45 -0.89	15.59 0.39 -0.87	15.55 0.40 -0.77	15.58 0.38 -0.71	15.59 0.40 -0.99	18.15 0.52 -0.85	21.77 0.51 -0.91	22.37 0.52 -0.97	22.42 0.52 -1.01	22.24 0.38 -1.02	22.27 0.38 -1.05	22.38 0.33 -1.19	21.46 0.39 -1.60	20.07 0.36 -1.71	22.49 0.50 -1.35	22.55 0.43 -2.61	23.76 0.52 -2.32	25.65 0.68 -1.55	22.69 0.52 -1.23	25.68 0.69 -0.26	21.48 0.43 -0.52	21.57 0.40 -0.26	17.38 0.52 -0.69
BABYLON_RES_REC 323704	35.78 1.85 -15.23	32.58 1.53 -15.58	29.58 1.43 -13.82	25.58 1.45 -9.76	26.58 1.45 -10.64	29.65 1.39 -14.06	31.00 1.68 -12.54	32.62 2.14 -10.14	33.66 2.32 -10.47	34.92 2.34 -11.69	32.58 2.08 -9.65	36.28 2.17 -13.26	35.66 2.15 -12.66	36.49 1.83 -15.19	45.35 1.60 -25.74	48.10 1.88 -25.57	47.06 1.81 -25.73	44.75 1.95 -21.89	40.88 2.23 -15.24	38.39 1.99 -15.46	36.26 2.37 -9.16	35.15 2.22 -12.41	31.24 2.28 -8.05	30.27 1.70 -12.40
BABYLON__69_KV_BK2 356345	36.05 2.11 -15.24	32.81 1.76 -15.58	29.80 1.65 -13.82	25.78 1.65 -9.76	26.78 1.65 -10.64	29.85 1.59 -14.06	31.24 1.91 -12.54	32.92 2.44 -10.14	33.98 2.63 -10.47	35.95 2.65 -12.40	34.02 2.44 -10.73	40.95 2.52 -17.58	39.12 2.52 -15.74	38.45 2.24 -16.74	45.63 2.05 -25.57	48.49 2.40 -25.44	50.95 2.26 -29.17	49.79 2.43 -26.45	41.79 2.74 -15.63	40.92 2.51 -17.48	42.79 2.94 -15.13	36.13 2.48 -13.12	31.55 2.61 -8.02	30.99 1.94 -12.88
BARON_WINDS____WT_PWR 323822	19.74 -0.09 -1.13	16.89 -0.09 -1.52	15.73 -0.09 -1.48	15.64 -0.04 -1.31	15.63 -0.07 -1.20	15.81 -0.07 -1.68	17.97 -0.25 -1.44	10.72 -0.57 9.06	10.03 -0.63 10.22	10.90 -0.75 9.24	9.46 -0.71 10.68	11.98 -0.79 8.07	9.50 -0.86 10.50	12.51 -0.76 6.20	20.21 -0.70 -2.90	22.32 -0.62 -2.29	17.03 -0.70 1.78	22.79 -0.69 -2.57	13.55 -0.54 9.34	22.49 -0.54 -2.10	24.80 -0.37 -0.45	21.19 -0.23 -0.89	20.96 -0.40 -0.45	17.49 0.15 -1.18
BARRETT_IC_1 23704	35.50 1.57 -15.23	32.33 1.28 -15.58	29.34 1.19 -13.82	25.35 1.22 -9.76	26.35 1.22 -10.64	29.41 1.15 -14.06	30.62 1.29 -12.54	32.15 1.67 -10.14	33.14 1.80 -10.47	34.11 1.80 -11.42	31.74 1.67 -9.22	33.88 1.73 -11.30	33.79 1.73 -11.21	35.94 1.60 -14.87	45.24 1.49 -25.74	47.96 1.74 -25.57	46.24 1.68 -25.05	43.71 1.80 -21.00	40.55 1.97 -15.16	37.17 1.70 -14.54	33.13 1.98 -6.43	34.29 1.70 -12.06	30.69 1.73 -8.05	29.62 1.25 -12.21
BARRETT_IC_10 23701	35.50 1.57 -15.23	32.33 1.28 -15.58	29.34 1.19 -13.82	25.35 1.22 -9.76	26.35 1.22 -10.64	29.41 1.15 -14.06	30.62 1.29 -12.54	32.15 1.67 -10.14	33.14 1.80 -10.47	34.11 1.80 -11.42	31.74 1.67 -9.22	33.88 1.73 -11.30	33.79 1.73 -11.21	35.94 1.60 -14.87	45.24 1.49 -25.74	47.96 1.74 -25.57	46.24 1.68 -25.05	43.71 1.80 -21.00	40.55 1.97 -15.16	37.17 1.70 -14.54	33.13 1.98 -6.43	34.29 1.70 -12.06	30.69 1.73 -8.05	29.62 1.25 -12.21
BARRETT_IC_11 23702	35.50 1.57 -15.23	32.33 1.28 -15.58	29.34 1.19 -13.82	25.35 1.22 -9.76	26.35 1.22 -10.64	29.41 1.15 -14.06	30.62 1.29 -12.54	32.15 1.67 -10.14	33.14 1.80 -10.47	34.11 1.80 -11.42	31.74 1.67 -9.22	33.88 1.73 -11.30	33.79 1.73 -11.21	35.94 1.60 -14.87	45.24 1.49 -25.74	47.96 1.74 -25.57	46.24 1.68 -25.05	43.71 1.80 -21.00	40.55 1.97 -15.16	37.17 1.70 -14.54	33.13 1.98 -6.43	34.29 1.70 -12.06	30.69 1.73 -8.05	29.62 1.25 -12.21
BARRETT_IC_12 23703	35.50 1.57 -15.23	32.33 1.28 -15.58	29.34 1.19 -13.82	25.35 1.22 -9.76	26.35 1.22 -10.64	29.41 1.15 -14.06	30.62 1.29 -12.54	32.15 1.67 -10.14	33.14 1.80 -10.47	34.11 1.80 -11.42	31.74 1.67 -9.22	33.88 1.73 -11.30	33.79 1.73 -11.21	35.94 1.60 -14.87	45.24 1.49 -25.74	47.96 1.74 -25.57	46.24 1.68 -25.05	43.71 1.80 -21.00	40.55 1.97 -15.16	37.17 1.70 -14.54	33.13 1.98 -6.43	34.29 1.70 -12.06	30.69 1.73 -8.05	29.62 1.25 -12.21
BARRETT_IC_2 23705	35.50 1.57 -15.23	32.33 1.28 -15.58	29.34 1.19 -13.82	25.35 1.22 -9.76	26.35 1.22 -10.64	29.41 1.15 -14.06	30.62 1.29 -12.54	32.15 1.67 -10.14	33.14 1.80 -10.47	34.11 1.80 -11.42	31.74 1.67 -9.22	33.88 1.73 -11.30	33.79 1.73 -11.21	35.94 1.60 -14.87	45.24 1.49 -25.74	47.96 1.74 -25.57	46.24 1.68 -25.05	43.71 1.80 -21.00	40.55 1.97 -15.16	37.17 1.70 -14.54	33.13 1.98 -6.43	34.29 1.70 -12.06	30.69 1.73 -8.05	29.62 1.25 -12.21
BARRETT_IC_3 23706	35.50 1.57 -15.23	32.33 1.28 -15.58	29.34 1.19 -13.82	25.35 1.22 -9.76	26.35 1.22 -10.64	29.41 1.15 -14.06	30.62 1.29 -12.54	32.15 1.67 -10.14	33.14 1.80 -10.47	34.11 1.80 -11.42	31.74 1.67 -9.22	33.88 1.73 -11.30	33.79 1.73 -11.21	35.94 1.60 -14.87	45.24 1.49 -25.74	47.96 1.74 -25.57	46.24 1.68 -25.05	43.71 1.80 -21.00	40.55 1.97 -15.16	37.17 1.70 -14.54	33.13 1.98 -6.43	34.29 1.70 -12.06	30.69 1.73 -8.05	29.62 1.25 -12.21
BARRETT_IC_4 23707	35.50 1.57 -15.23	32.33 1.28 -15.58	29.34 1.19 -13.82	25.35 1.22 -9.76	26.35 1.22 -10.64	29.41 1.15 -14.06	30.62 1.29 -12.54	32.15 1.67 -10.14	33.14 1.80 -10.47	34.11 1.80 -11.42	31.74 1.67 -9.22	33.88 1.73 -11.30	33.79 1.73 -11.21	35.94 1.60 -14.87	45.24 1.49 -25.74	47.96 1.74 -25.57	46.24 1.68 -25.05	43.71 1.80 -21.00	40.55 1.97 -15.16	37.17 1.70 -14.54	33.13 1.98 -6.43	34.29 1.70 -12.06	30.69 1.73 -8.05	29.62 1.25 -12.21
BARRETT_IC_5 23708	35.50 1.57 -15.23	32.33 1.28 -15.58	29.34 1.19 -13.82	25.35 1.22 -9.76	26.35 1.22 -10.64	29.41 1.15 -14.06	30.62 1.29 -12.54	32.15 1.67 -10.14	33.14 1.80 -10.47	34.11 1.80 -11.42	31.74 1.67 -9.22	33.88 1.73 -11.30	33.79 1.73 -11.21	35.94 1.60 -14.87	45.24 1.49 -25.74	47.96 1.74 -25.57	46.24 1.68 -25.05	43.71 1.80 -21.00	40.55 1.97 -15.16	37.17 1.70 -14.54	33.13 1.98 -6.43	34.29 1.70 -12.06	30.69 1.73 -8.05	29.62 1.25 -12.21
BARRETT_IC_6 23709	35.50 1.57 -15.23	32.33 1.28 -15.58	29.34 1.19 -13.82	25.35 1.22 -9.76	26.35 1.22 -10.64	29.41 1.15 -14.06	30.62 1.29 -12.54	32.15 1.67 -10.14	33.14 1.80 -10.47	34.11 1.80 -11.42	31.74 1.67 -9.22	33.88 1.73 -11.30	33.79 1.73 -11.21	35.94 1.60 -14.87	45.24 1.49 -25.74	47.96 1.74 -25.57	46.24 1.68 -25.05	43.71 1.80 -21.00	40.55 1.97 -15.16	37.17 1.70 -14.54	33.13 1.98 -6.43	34.29 1.70 -12.06	30.69 1.73 -8.05	29.62 1.25 -12.21
BARRETT_IC_7 23710	35.48 1.55 -15.23	32.33 1.28 -15.58	29.34 1.19 -13.82	25.35 1.22 -9.76	26.35 1.22 -10.64	29.41 1.15 -14.06	30.62 1.29 -12.54	32.15 1.67 -10.14	33.14 1.79 -10.47	34.11 1.80 -11.42	31.73 1.67 -9.22	33.88 1.73 -11.30	33.70 1.73 -11.12	35.82 1.62 -14.73	45.07 1.49 -25.57	47.83 1.73 -25.44	45.99 1.68 -24.80	43.48 1.80 -20.77	40.55 1.97 -15.16	37.19 1.72 -14.54	33.10 1.98 -6.40	34.20 1.66 -12.00	30.67 1.74 -8.02	29.55 1.25 -12.14

BARRETT_IC_8 23711	35.50 1.57 -15.23	32.33 1.28 -15.58	29.34 1.19 -13.82	25.35 1.22 -9.76	26.35 1.22 -10.64	29.41 1.15 -14.06	30.62 1.29 -12.54	32.15 1.67 -10.14	33.14 1.80 -10.47	34.11 1.80 -11.42	31.74 1.67 -9.22	33.88 1.73 -11.30	33.79 1.73 -11.21	35.94 1.60 -14.87	45.24 1.49 -25.74	47.96 1.74 -25.57	46.24 1.68 -25.05	43.71 1.80 -21.00	40.55 1.97 -15.16	37.17 1.70 -14.54	33.13 1.98 -6.43	34.29 1.70 -12.06	30.69 1.73 -8.05	29.62 1.25 -12.21
BARRETT_IC_9 23700	35.50 1.57 -15.23	32.33 1.28 -15.58	29.34 1.19 -13.82	25.35 1.22 -9.76	26.35 1.22 -10.64	29.41 1.15 -14.06	30.62 1.29 -12.54	32.15 1.67 -10.14	33.14 1.80 -10.47	34.11 1.80 -11.42	31.74 1.67 -9.22	33.88 1.73 -11.30	33.79 1.73 -11.21	35.94 1.60 -14.87	45.24 1.49 -25.74	47.96 1.74 -25.57	46.24 1.68 -25.05	43.71 1.80 -21.00	40.55 1.97 -15.16	37.17 1.70 -14.54	33.13 1.98 -6.43	34.29 1.70 -12.06	30.69 1.73 -8.05	29.62 1.25 -12.21
BARRETT___1 23545	35.50 1.57 -15.23	32.33 1.28 -15.58	29.34 1.19 -13.82	25.35 1.22 -9.76	26.35 1.22 -10.64	29.41 1.15 -14.06	30.62 1.29 -12.54	32.15 1.67 -10.14	33.14 1.80 -10.47	34.11 1.80 -11.42	31.74 1.67 -9.22	33.88 1.73 -11.30	33.79 1.73 -11.21	35.94 1.60 -14.87	45.24 1.49 -25.74	47.96 1.74 -25.57	46.24 1.68 -25.05	43.71 1.80 -21.00	40.55 1.97 -15.16	37.17 1.70 -14.54	33.13 1.98 -6.43	34.29 1.70 -12.06	30.69 1.73 -8.05	29.62 1.25 -12.21
BARRETT___2 23546	35.50 1.57 -15.23	32.33 1.28 -15.58	29.34 1.19 -13.82	25.35 1.22 -9.76	26.35 1.22 -10.64	29.41 1.15 -14.06	30.62 1.29 -12.54	32.15 1.67 -10.14	33.14 1.80 -10.47	34.11 1.80 -11.42	31.74 1.67 -9.22	33.88 1.73 -11.30	33.79 1.73 -11.21	35.94 1.60 -14.87	45.24 1.49 -25.74	47.96 1.74 -25.57	46.24 1.68 -25.05	43.71 1.80 -21.00	40.55 1.97 -15.16	37.17 1.70 -14.54	33.13 1.98 -6.43	34.29 1.70 -12.06	30.69 1.73 -8.05	29.62 1.25 -12.21
BATAVIA___115KV_TB1 55881	19.56 0.11 -0.74	16.54 0.08 -1.00	15.33 0.03 -0.97	15.32 0.09 -0.86	15.34 0.06 -0.79	15.37 0.07 -1.10	17.51 -0.22 -0.94	19.41 -0.67 0.26	19.69 -0.83 0.34	20.04 -0.65 0.21	19.72 -0.77 0.36	20.15 -0.67 0.03	20.03 -0.63 0.19	19.58 -0.58 -0.70	19.24 -0.67 -1.90	21.56 -0.60 -1.50	20.99 -0.68 -2.16	22.63 -0.71 -2.42	23.39 -0.30 -0.28	21.83 -0.48 -1.38	24.77 -0.25 -0.29	20.54 -0.57 -0.58	20.89 -0.31 -0.29	17.38 0.44 -0.77
BAYONEEC___CTG1 323682	25.48 1.33 -5.45	23.87 1.07 -7.34	22.45 0.98 -7.15	21.70 0.99 -6.34	21.28 0.99 -5.80	23.24 0.94 -8.10	24.85 1.12 -6.94	27.34 1.55 -5.45	28.29 1.73 -5.69	29.12 1.76 -6.47	28.49 1.69 -5.95	29.29 1.73 -6.71	30.10 1.73 -7.52	32.56 1.56 -11.53	33.92 1.44 -14.47	33.95 1.65 -11.64	42.73 1.64 -21.58	42.49 1.73 -19.84	35.82 1.83 -10.58	32.75 1.59 -10.22	28.78 1.88 -2.19	26.52 1.64 -4.35	24.75 1.65 -2.18	23.06 1.13 -5.76
BAYONEEC___CTG10 323750	25.48 1.33 -5.45	23.87 1.07 -7.34	22.45 0.98 -7.15	21.70 0.99 -6.34	21.28 0.99 -5.80	23.24 0.94 -8.10	24.85 1.12 -6.94	27.34 1.55 -5.45	28.29 1.73 -5.69	29.12 1.76 -6.47	28.49 1.69 -5.95	29.29 1.73 -6.71	30.10 1.73 -7.52	32.56 1.56 -11.53	33.92 1.44 -14.47	33.95 1.65 -11.64	42.73 1.64 -21.58	42.49 1.73 -19.84	35.82 1.83 -10.58	32.75 1.59 -10.22	28.78 1.88 -2.19	26.52 1.64 -4.35	24.75 1.65 -2.18	23.06 1.13 -5.76
BAYONEEC___CTG2 323683	25.48 1.33 -5.45	23.87 1.07 -7.34	22.45 0.98 -7.15	21.70 0.99 -6.34	21.28 0.99 -5.80	23.24 0.94 -8.10	24.85 1.12 -6.94	27.34 1.55 -5.45	28.29 1.73 -5.69	29.12 1.76 -6.47	28.49 1.69 -5.95	29.29 1.73 -6.71	30.10 1.73 -7.52	32.56 1.56 -11.53	33.92 1.44 -14.47	33.95 1.65 -11.64	42.73 1.64 -21.58	42.49 1.73 -19.84	35.82 1.83 -10.58	32.75 1.59 -10.22	28.78 1.88 -2.19	26.52 1.64 -4.35	24.75 1.65 -2.18	23.06 1.13 -5.76
BAYONEEC___CTG3 323684	25.48 1.33 -5.45	23.87 1.07 -7.34	22.45 0.98 -7.15	21.70 0.99 -6.34	21.28 0.99 -5.80	23.24 0.94 -8.10	24.85 1.12 -6.94	27.34 1.55 -5.45	28.29 1.73 -5.69	29.12 1.76 -6.47	28.49 1.69 -5.95	29.29 1.73 -6.71	30.10 1.73 -7.52	32.56 1.56 -11.53	33.92 1.44 -14.47	33.95 1.65 -11.64	42.73 1.64 -21.58	42.49 1.73 -19.84	35.82 1.83 -10.58	32.75 1.59 -10.22	28.78 1.88 -2.19	26.52 1.64 -4.35	24.75 1.65 -2.18	23.06 1.13 -5.76
BAYONEEC___CTG4 323685	25.48 1.33 -5.45	23.87 1.07 -7.34	22.45 0.98 -7.15	21.70 0.99 -6.34	21.28 0.99 -5.80	23.24 0.94 -8.10	24.85 1.12 -6.94	27.34 1.55 -5.45	28.29 1.73 -5.69	29.12 1.76 -6.47	28.49 1.69 -5.95	29.29 1.73 -6.71	30.10 1.73 -7.52	32.56 1.56 -11.53	33.92 1.44 -14.47	33.95 1.65 -11.64	42.73 1.64 -21.58	42.49 1.73 -19.84	35.82 1.83 -10.58	32.75 1.59 -10.22	28.78 1.88 -2.19	26.52 1.64 -4.35	24.75 1.65 -2.18	23.06 1.13 -5.76
BAYONEEC___CTG5 323686	25.48 1.33 -5.45	23.87 1.07 -7.34	22.45 0.98 -7.15	21.70 0.99 -6.34	21.28 0.99 -5.80	23.24 0.94 -8.10	24.85 1.12 -6.94	27.34 1.55 -5.45	28.29 1.73 -5.69	29.12 1.76 -6.47	28.49 1.69 -5.95	29.29 1.73 -6.71	30.10 1.73 -7.52	32.56 1.56 -11.53	33.92 1.44 -14.47	33.95 1.65 -11.64	42.73 1.64 -21.58	42.49 1.73 -19.84	35.82 1.83 -10.58	32.75 1.59 -10.22	28.78 1.88 -2.19	26.52 1.64 -4.35	24.75 1.65 -2.18	23.06 1.13 -5.76
BAYONEEC___CTG6 323687	25.48 1.33 -5.45	23.87 1.07 -7.34	22.45 0.98 -7.15	21.70 0.99 -6.34	21.28 0.99 -5.80	23.24 0.94 -8.10	24.85 1.12 -6.94	27.34 1.55 -5.45	28.29 1.73 -5.69	29.12 1.76 -6.47	28.49 1.69 -5.95	29.29 1.73 -6.71	30.10 1.73 -7.52	32.56 1.56 -11.53	33.92 1.44 -14.47	33.95 1.65 -11.64	42.73 1.64 -21.58	42.49 1.73 -19.84	35.82 1.83 -10.58	32.75 1.59 -10.22	28.78 1.88 -2.19	26.52 1.64 -4.35	24.75 1.65 -2.18	23.06 1.13 -5.76
BAYONEEC___CTG7 323688	25.48 1.33 -5.45	23.87 1.07 -7.34	22.45 0.98 -7.15	21.70 0.99 -6.34	21.28 0.99 -5.80	23.24 0.94 -8.10	24.85 1.12 -6.94	27.34 1.55 -5.45	28.29 1.73 -5.69	29.12 1.76 -6.47	28.49 1.69 -5.95	29.29 1.73 -6.71	30.10 1.73 -7.52	32.56 1.56 -11.53	33.92 1.44 -14.47	33.95 1.65 -11.64	42.73 1.64 -21.58	42.49 1.73 -19.84	35.82 1.83 -10.58	32.75 1.59 -10.22	28.78 1.88 -2.19	26.52 1.64 -4.35	24.75 1.65 -2.18	23.06 1.13 -5.76
BAYONEEC___CTG8 323689	25.48 1.33 -5.45	23.87 1.07 -7.34	22.45 0.98 -7.15	21.70 0.99 -6.34	21.28 0.99 -5.80	23.24 0.94 -8.10	24.85 1.12 -6.94	27.34 1.55 -5.45	28.29 1.73 -5.69	29.12 1.76 -6.47	28.49 1.69 -5.95	29.29 1.73 -6.71	30.10 1.73 -7.52	32.56 1.56 -11.53	33.92 1.44 -14.47	33.95 1.65 -11.64	42.73 1.64 -21.58	42.49 1.73 -19.84	35.82 1.83 -10.58	32.75 1.59 -10.22	28.78 1.88 -2.19	26.52 1.64 -4.35	24.75 1.65 -2.18	23.06 1.13 -5.76
BAYONEEC___CTG9 323749	25.48 1.33 -5.45	23.87 1.07 -7.34	22.45 0.98 -7.15	21.70 0.99 -6.34	21.28 0.99 -5.80	23.24 0.94 -8.10	24.85 1.12 -6.94	27.34 1.55 -5.45	28.29 1.73 -5.69	29.12 1.76 -6.47	28.49 1.69 -5.95	29.29 1.73 -6.71	30.10 1.73 -7.52	32.56 1.56 -11.53	33.92 1.44 -14.47	33.95 1.65 -11.64	42.73 1.64 -21.58	42.49 1.73 -19.84	35.82 1.83 -10.58	32.75 1.59 -10.22	28.78 1.88 -2.19	26.52 1.64 -4.35	24.75 1.65 -2.18	23.06 1.13 -5.76

BEACON___LESR 323632	26.50 0.71 -7.08	25.58 0.59 -9.53	24.15 0.53 -9.29	23.14 0.53 -8.23	22.57 0.54 -7.54	25.27 0.54 -10.53	26.42 0.62 -9.02	28.16 0.73 -7.08	29.08 0.81 -7.40	29.79 0.81 -8.08	29.44 0.86 -7.74	30.38 0.81 -8.72	31.18 0.79 -9.54	34.99 0.74 -14.78	36.49 0.68 -17.80	35.22 0.78 -13.78	45.26 0.72 -25.03	45.18 0.79 -23.47	37.91 0.94 -13.56	34.86 0.82 -13.10	28.54 1.01 -2.80	26.90 0.80 -5.58	24.51 0.79 -2.80	24.10 0.55 -7.38
BEAVER RIVER___HYD 24048	18.57 -0.34 -0.20	15.41 -0.33 -0.27	14.36 -0.24 -0.27	14.29 -0.32 -0.24	14.38 -0.33 -0.22	14.32 -0.19 -0.30	16.86 -0.18 -0.26	20.32 -0.22 -0.20	20.81 -0.27 -0.21	20.81 -0.31 -0.23	20.49 -0.58 -0.22	20.48 -0.62 -0.25	20.46 -0.67 -0.28	19.24 -0.66 -0.43	17.90 -0.63 -0.52	20.26 -0.81 -0.41	19.59 -0.68 -0.76	21.10 -0.52 -0.70	23.46 -0.35 -0.39	21.08 -0.23 -0.38	24.55 -0.25 -0.08	20.38 -0.31 -0.16	20.51 -0.48 -0.08	16.06 -0.32 -0.21
BEEBEE_GT_13 23619	19.53 0.19 -0.64	16.46 0.14 -0.86	15.25 0.09 -0.83	15.24 0.13 -0.74	15.28 0.10 -0.68	15.25 0.10 -0.95	17.52 -0.07 -0.81	20.45 -0.53 -0.64	20.87 -0.67 -0.66	21.22 -0.40 -0.72	20.96 -0.58 -0.70	21.17 -0.46 -0.78	21.27 -0.44 -0.86	20.43 -0.37 -1.33	19.32 -0.32 -1.63	21.71 -0.23 -1.29	21.56 -0.31 -2.36	22.81 -0.29 -2.19	24.48 -0.16 -1.22	21.95 -0.17 -1.18	24.97 0.00 -0.25	20.74 -0.29 -0.50	21.04 -0.13 -0.25	17.19 0.36 -0.66
BENSHRST_27_KV_BENSHRST_1 355998	25.79 1.63 -5.46	24.12 1.31 -7.34	22.69 1.20 -7.15	21.91 1.19 -6.34	21.50 1.20 -5.80	23.41 1.11 -8.10	25.00 1.28 -6.94	27.59 1.79 -5.46	28.57 2.00 -5.70	36.54 2.07 -13.58	32.95 2.00 -10.10	39.20 2.08 -16.27	37.96 2.08 -15.03	32.78 1.91 -11.40	34.18 1.76 -14.41	34.21 2.04 -11.51	75.80 2.03 -54.26	70.93 2.13 -47.89	36.24 2.25 -10.58	34.27 2.01 -11.33	33.44 2.27 -6.44	36.92 1.97 -14.42	36.39 1.99 -13.49	23.26 1.39 -5.70
BETHLEHEM___GRP 23843	26.22 0.43 -7.09	25.36 0.36 -9.55	23.95 0.32 -9.30	22.93 0.32 -8.24	22.38 0.33 -7.55	25.07 0.33 -10.54	26.18 0.37 -9.03	27.88 0.45 -7.09	28.76 0.48 -7.41	29.46 0.48 -8.09	29.10 0.50 -7.75	30.06 0.48 -8.73	30.90 0.48 -9.57	34.72 0.43 -14.82	36.27 0.40 -17.87	34.98 0.48 -13.85	45.11 0.43 -25.17	44.96 0.46 -23.59	37.53 0.54 -13.57	34.54 0.48 -13.12	28.15 0.62 -2.81	26.59 0.47 -5.59	24.20 0.48 -2.81	23.88 0.31 -7.40
BETHLEHEM___GS1 323560	26.22 0.43 -7.09	25.36 0.36 -9.55	23.95 0.31 -9.30	22.93 0.32 -8.24	22.38 0.33 -7.55	25.07 0.33 -10.54	26.18 0.37 -9.03	27.88 0.45 -7.09	28.76 0.48 -7.41	29.46 0.48 -8.09	29.10 0.50 -7.75	30.06 0.48 -8.73	30.86 0.46 -9.56	34.70 0.43 -14.80	36.24 0.40 -17.84	34.95 0.48 -13.83	45.06 0.43 -25.12	44.92 0.46 -23.55	37.53 0.54 -13.57	34.54 0.48 -13.12	28.14 0.62 -2.80	26.60 0.49 -5.58	24.20 0.48 -2.80	23.87 0.31 -7.39
BETHLEHEM___GS2 323561	26.22 0.43 -7.09	25.36 0.36 -9.55	23.95 0.31 -9.30	22.93 0.32 -8.24	22.38 0.33 -7.55	25.07 0.33 -10.54	26.18 0.37 -9.03	27.88 0.45 -7.09	28.76 0.48 -7.41	29.46 0.48 -8.09	29.10 0.50 -7.75	30.06 0.48 -8.73	30.86 0.46 -9.56	34.70 0.43 -14.80	36.24 0.40 -17.84	34.95 0.48 -13.83	45.06 0.43 -25.12	44.92 0.46 -23.55	37.53 0.54 -13.57	34.54 0.48 -13.12	28.14 0.62 -2.80	26.60 0.49 -5.58	24.20 0.48 -2.80	23.87 0.31 -7.39
BETHLEHEM___GS3 323562	26.22 0.43 -7.09	25.36 0.36 -9.55	23.95 0.31 -9.30	22.93 0.32 -8.24	22.38 0.33 -7.55	25.07 0.33 -10.54	26.18 0.37 -9.03	27.88 0.45 -7.09	28.76 0.48 -7.41	29.46 0.48 -8.09	29.10 0.50 -7.75	30.06 0.48 -8.73	30.86 0.46 -9.56	34.70 0.43 -14.80	36.24 0.40 -17.84	34.95 0.48 -13.83	45.06 0.43 -25.12	44.92 0.46 -23.55	37.53 0.54 -13.57	34.54 0.48 -13.12	28.14 0.62 -2.80	26.60 0.49 -5.58	24.20 0.48 -2.80	23.87 0.31 -7.39
BETHLEHEM___STEEL 23779	19.21 -0.36 -0.86	16.33 -0.29 -1.16	15.19 -0.27 -1.13	15.15 -0.23 -1.00	15.17 -0.25 -0.92	15.26 -0.23 -1.28	17.24 -0.64 -1.10	18.24 -1.16 0.94	18.56 -1.19 1.12	18.68 -1.32 0.89	18.47 -1.21 1.17	18.93 -1.29 0.62	18.61 -1.27 0.97	18.64 -1.11 -0.28	19.19 -1.03 -2.21	21.39 -1.01 -1.75	20.58 -1.07 -2.14	22.48 -1.17 -2.74	21.95 -1.08 0.39	21.51 -1.03 -1.60	24.17 -0.89 -0.34	20.18 -1.03 -0.68	20.52 -0.73 -0.34	17.20 0.13 -0.90
BETHLHEM_115KV_TB1 79974	26.28 0.49 -7.09	25.40 0.40 -9.54	23.98 0.36 -9.29	22.97 0.36 -8.24	22.40 0.36 -7.54	25.11 0.37 -10.53	26.21 0.40 -9.03	27.92 0.49 -7.09	28.81 0.54 -7.40	29.52 0.54 -8.08	29.13 0.54 -7.74	30.11 0.54 -8.72	30.94 0.52 -9.57	34.77 0.49 -14.81	36.33 0.45 -17.87	35.03 0.52 -13.86	45.20 0.49 -25.20	45.05 0.52 -23.61	37.59 0.61 -13.56	34.59 0.54 -13.11	28.19 0.67 -2.81	26.63 0.51 -5.59	24.26 0.54 -2.81	23.92 0.36 -7.40
BETHPAGE_CC_5 323564	35.61 1.68 -15.23	32.44 1.39 -15.58	29.45 1.30 -13.82	25.44 1.31 -9.76	26.44 1.31 -10.64	29.51 1.25 -14.06	30.83 1.51 -12.54	32.42 1.93 -10.14	33.45 2.11 -10.47	34.57 2.11 -11.57	32.22 1.92 -9.45	35.20 2.00 -12.35	34.80 1.96 -11.99	36.31 1.79 -15.05	45.40 1.66 -25.74	48.15 1.92 -25.57	46.79 1.85 -25.43	44.39 1.99 -21.49	40.80 2.18 -15.20	37.89 1.92 -15.03	34.86 2.25 -7.89	34.74 1.97 -12.24	31.03 2.07 -8.05	30.08 1.55 -12.35
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	19.18 -0.39 -0.87	16.30 -0.34 -1.18	15.16 -0.32 -1.15	15.12 -0.27 -1.02	15.14 -0.29 -0.93	15.23 -0.27 -1.30	17.22 -0.67 -1.11	18.36 -1.16 0.82	18.74 -1.15 0.98	18.79 -1.34 0.77	18.67 -1.15 1.03	19.03 -1.31 0.51	18.73 -1.29 0.83	18.73 -1.13 -0.39	19.20 -1.04 -2.24	21.39 -1.03 -1.77	20.66 -1.09 -2.24	22.51 -1.19 -2.79	22.07 -1.10 0.25	21.49 -1.07 -1.62	24.15 -0.91 -0.35	20.17 -1.05 -0.69	20.49 -0.77 -0.35	17.18 0.10 -0.91
BINGHAMTON___COGEN 23790	20.59 0.26 -1.63	17.87 0.22 -2.19	16.65 0.19 -2.13	16.47 0.20 -1.89	16.40 0.17 -1.73	16.80 0.18 -2.42	19.04 0.18 -2.07	22.09 0.12 -1.63	22.74 0.17 -1.70	22.82 0.08 -1.84	22.77 0.15 -1.78	22.94 0.08 -2.00	23.12 0.06 -2.21	22.93 0.06 -3.40	22.24 0.05 -4.18	24.11 0.17 -3.29	25.65 0.10 -6.04	26.67 0.15 -5.61	26.82 0.28 -3.12	24.14 0.19 -3.02	25.69 0.32 -0.64	21.93 0.12 -1.28	21.70 0.15 -0.64	18.19 0.32 -1.70
BIXINCNT_115KV_LOAD 355685	18.73 -0.90 -0.93	15.87 -0.84 -1.25	14.80 -0.75 -1.21	14.70 -0.75 -1.08	14.83 -0.65 -0.98	14.99 -0.58 -1.38	16.89 -1.07 -1.18	18.64 -1.53 0.18	19.18 -1.42 0.27	18.95 -1.84 0.10	19.04 -1.52 0.28	19.06 -1.90 -0.11	18.77 -2.02 0.06	18.70 -1.77 -1.00	18.82 -1.57 -2.37	20.94 -1.59 -1.87	20.67 -1.62 -2.78	22.26 -1.69 -3.05	22.30 -1.64 -0.52	21.17 -1.49 -1.72	23.65 -1.43 -0.37	19.84 -1.42 -0.73	20.13 -1.15 -0.37	16.96 -0.18 -0.97
BLACK RIVER___HYD 24047	19.08 0.09 -0.28	15.87 0.03 -0.38	14.77 0.07 -0.37	14.67 -0.03 -0.33	14.71 -0.09 -0.30	14.67 0.06 -0.42	17.24 0.10 -0.36	20.66 0.04 -0.28	21.14 -0.02 -0.29	21.15 -0.06 -0.32	20.86 -0.29 -0.31	20.84 -0.35 -0.34	20.85 -0.37 -0.38	19.63 -0.43 -0.59	18.29 -0.43 -0.72	20.68 -0.54 -0.57	20.12 -0.43 -1.04	21.65 -0.23 -0.97	23.93 -0.02 -0.54	21.54 0.08 -0.52	25.03 0.20 -0.11	20.81 0.06 -0.22	20.81 -0.21 -0.11	16.41 -0.05 -0.29

BLACKRVR_115KV_TB2 79977	19.08 0.09 -0.28	15.87 0.03 -0.38	14.77 0.07 -0.37	14.67 -0.03 -0.33	14.71 -0.09 -0.30	14.67 0.06 -0.42	17.24 0.10 -0.36	20.66 0.04 -0.28	21.14 -0.02 -0.29	21.15 -0.06 -0.32	20.86 -0.29 -0.31	20.84 -0.35 -0.34	20.85 -0.38 -0.38	19.63 -0.43 -0.59	18.29 -0.43 -0.72	20.68 -0.54 -0.57	20.12 -0.43 -1.04	21.65 -0.23 -0.97	23.93 -0.02 -0.54	21.54 0.08 -0.52	25.03 0.20 -0.11	20.77 0.02 -0.22	20.81 -0.21 -0.11	16.41 -0.05 -0.29
BLISS_WT_PWR 323608	18.65 -0.97 -0.93	15.75 -0.96 -1.25	14.70 -0.85 -1.21	14.60 -0.85 -1.08	14.74 -0.74 -0.98	14.91 -0.67 -1.38	16.80 -1.16 -1.18	18.45 -1.71 0.18	18.91 -1.69 0.27	18.81 -1.99 0.10	18.71 -1.86 0.28	18.89 -2.06 -0.11	18.54 -2.25 0.06	18.54 -1.93 -1.00	18.67 -1.71 -2.38	20.81 -1.71 -1.87	20.54 -1.76 -2.79	22.14 -1.82 -3.05	22.16 -1.78 -0.52	21.02 -1.63 -1.72	23.53 -1.56 -0.37	20.19 -1.07 -0.73	20.05 -1.23 -0.37	16.91 -0.23 -0.97
BLUE_CIRC_CHEM_DRP 24182	26.38 0.73 -6.95	25.44 0.62 -9.36	24.01 0.56 -9.12	23.02 0.56 -8.08	22.46 0.57 -7.40	25.10 0.57 -10.33	26.27 0.64 -8.85	28.03 0.73 -6.95	28.90 0.77 -7.26	29.59 0.77 -7.93	29.22 0.77 -7.60	30.16 0.75 -8.56	30.97 0.73 -9.40	34.68 0.68 -14.53	36.25 0.63 -17.61	35.09 0.72 -13.72	45.17 0.66 -24.99	45.01 0.73 -23.36	37.59 0.87 -13.31	34.57 0.77 -12.86	28.46 0.99 -2.75	26.77 0.76 -5.48	24.44 0.77 -2.75	23.99 0.57 -7.26
BOC_GAS_DRP 24189	26.34 0.58 -7.06	25.44 0.48 -9.50	24.03 0.44 -9.25	23.02 0.45 -8.21	22.46 0.45 -7.51	25.15 0.45 -10.49	26.27 0.50 -8.99	27.99 0.59 -7.06	28.91 0.67 -7.37	29.61 0.67 -8.05	29.23 0.67 -7.71	30.20 0.67 -8.69	31.06 0.67 -9.54	34.85 0.62 -14.75	36.47 0.58 -17.88	35.25 0.66 -13.94	45.54 0.62 -25.40	45.32 0.67 -23.74	37.70 0.77 -13.51	34.68 0.69 -13.06	28.33 0.82 -2.80	26.75 0.66 -5.56	24.38 0.67 -2.79	24.02 0.49 -7.37
BOONVILLE_115KV_TB1 79983	19.05 0.17 -0.18	15.83 0.12 -0.24	14.71 0.14 -0.24	14.67 0.09 -0.21	14.76 0.07 -0.19	14.64 0.17 -0.27	17.24 0.23 -0.23	20.81 0.28 -0.18	21.35 0.29 -0.19	21.35 0.25 -0.20	21.19 0.15 -0.20	21.18 0.10 -0.22	21.18 0.08 -0.24	19.83 -0.02 -0.38	18.43 -0.04 -0.46	20.96 -0.06 -0.36	20.14 -0.04 -0.67	21.64 0.10 -0.62	24.07 0.30 -0.35	21.56 0.29 -0.33	25.16 0.37 -0.07	20.88 0.21 -0.14	21.07 0.08 -0.07	16.49 0.13 -0.19
BORALEX_4TH_BRANCH 23824	26.81 1.05 -7.06	25.83 0.87 -9.50	24.38 0.79 -9.26	23.39 0.80 -8.21	22.82 0.81 -7.51	25.52 0.82 -10.50	26.71 0.94 -8.99	28.38 0.98 -7.06	29.33 1.08 -7.37	30.00 1.04 -8.06	29.69 1.13 -7.71	30.62 1.08 -8.69	31.32 1.02 -9.45	35.18 0.97 -14.73	36.20 0.90 -17.30	34.77 1.05 -13.06	43.88 0.98 -23.39	44.21 1.07 -22.24	38.14 1.22 -13.51	35.12 1.13 -13.06	28.90 1.38 -2.79	27.23 1.15 -5.56	24.85 1.15 -2.79	24.40 0.87 -7.36
BOWLINE___1 23526	24.93 0.99 -5.24	23.32 0.80 -7.05	21.97 0.77 -6.87	21.27 0.80 -6.09	20.87 0.80 -5.58	22.71 0.72 -7.79	24.29 0.84 -6.67	26.70 1.12 -5.24	27.59 1.25 -5.47	27.70 1.27 -5.53	27.80 1.23 -5.72	28.57 1.27 -6.45	29.35 1.27 -7.23	31.72 1.17 -11.08	33.00 1.10 -13.89	33.12 1.30 -11.17	41.46 1.25 -20.70	41.27 1.32 -19.04	35.01 1.43 -10.16	31.97 1.21 -9.82	28.23 1.41 -2.10	25.94 1.23 -4.18	24.22 1.21 -2.10	22.53 0.82 -5.53
BOWLINE___2 23595	24.93 0.99 -5.24	23.33 0.82 -7.05	21.99 0.79 -6.87	21.27 0.80 -6.09	20.87 0.80 -5.58	22.73 0.74 -7.79	24.31 0.86 -6.67	26.70 1.12 -5.24	27.62 1.27 -5.47	27.70 1.27 -5.53	27.82 1.25 -5.72	28.59 1.29 -6.45	29.37 1.29 -7.23	31.72 1.17 -11.08	33.00 1.10 -13.89	33.13 1.30 -11.17	41.46 1.25 -20.70	41.27 1.32 -19.04	35.01 1.43 -10.16	31.97 1.21 -9.82	28.25 1.43 -2.10	25.96 1.25 -4.18	24.22 1.21 -2.10	22.54 0.84 -5.53
BRADY___115KV_TB2 356060	18.25 -0.45 0.00	15.06 -0.40 0.00	13.99 -0.34 0.00	13.97 -0.40 0.00	14.12 -0.38 0.00	13.80 -0.40 0.00	16.38 -0.40 0.00	20.00 -0.35 0.00	20.43 -0.44 0.00	20.43 -0.46 0.00	20.43 -0.42 0.00	20.43 -0.42 0.00	20.43 -0.42 0.00	19.08 -0.39 0.00	17.66 -0.34 0.00	20.03 -0.62 0.00	19.10 -0.41 0.00	20.37 -0.54 0.00	22.76 -0.66 0.00	20.43 -0.50 0.00	24.03 -0.69 0.00	20.01 -0.51 0.00	20.29 -0.63 0.00	15.57 -0.60 0.00
BRANSCOMB___SOLAR 323811	27.25 1.23 -7.31	26.34 1.04 -9.84	24.85 0.93 -9.58	23.81 0.93 -8.50	23.22 0.94 -7.78	26.02 0.95 -10.87	27.18 1.09 -9.31	28.85 1.20 -7.31	29.80 1.29 -7.63	30.56 1.34 -8.33	30.11 1.27 -7.99	31.03 1.19 -9.00	31.81 1.13 -9.84	35.80 1.07 -15.26	37.28 0.97 -18.30	35.89 1.11 -14.12	46.14 1.03 -25.60	46.09 1.13 -24.05	38.77 1.36 -13.99	35.72 1.26 -13.52	29.24 1.63 -2.89	27.58 1.29 -5.75	25.14 1.34 -2.89	24.76 0.97 -7.62
BRENTWOD_69_KV_W. BRTWOOD 56703	35.92 1.98 -15.24	32.70 1.65 -15.58	29.71 1.56 -13.82	25.71 1.58 -9.76	26.71 1.58 -10.64	29.78 1.52 -14.06	31.15 1.83 -12.54	32.80 2.32 -10.14	33.85 2.50 -10.47	35.94 2.53 -12.52	34.44 2.23 -11.36	48.17 2.31 -25.01	44.38 2.31 -21.21	38.25 2.01 -16.77	45.40 1.82 -25.57	48.20 2.11 -25.44	50.75 1.99 -29.25	49.60 2.13 -26.55	41.49 2.44 -15.64	44.26 2.34 -20.98	52.98 2.74 -25.51	37.27 2.28 -14.46	31.38 2.45 -8.02	30.89 1.83 -12.89
BRISTLHL_115KV_TB1 79998	19.08 -0.06 -0.43	16.00 -0.05 -0.58	14.83 -0.07 -0.57	14.82 -0.06 -0.50	14.88 -0.07 -0.46	14.79 -0.06 -0.64	17.26 -0.07 -0.55	20.57 -0.20 -0.43	21.09 -0.23 -0.45	21.19 -0.19 -0.49	21.11 -0.21 -0.47	21.17 -0.21 -0.53	21.23 -0.21 -0.59	20.16 -0.21 -0.90	18.92 -0.20 -1.11	21.34 -0.19 -0.87	20.92 -0.20 -1.60	22.24 -0.17 -1.49	24.13 -0.12 -0.83	21.59 -0.15 -0.80	24.79 -0.10 -0.17	20.68 -0.18 -0.34	20.90 -0.19 -0.17	16.64 0.02 -0.45
BROOKHAVEN___DRP 24191	36.10 2.11 -15.28	32.81 1.76 -15.58	29.81 1.66 -13.82	25.78 1.65 -9.76	26.78 1.65 -10.64	29.86 1.60 -14.06	31.27 1.95 -12.54	32.90 2.42 -10.14	33.98 2.63 -10.48	39.67 2.65 -16.12	38.42 2.36 -15.21	45.57 2.44 -22.28	42.41 2.34 -19.22	46.08 2.12 -24.49	45.53 1.94 -25.58	48.35 2.25 -25.45	67.73 2.17 -46.06	71.64 2.32 -48.41	43.40 2.55 -17.43	42.88 2.34 -19.60	48.99 2.72 -21.55	36.74 2.30 -13.91	31.42 2.49 -8.02	33.46 1.91 -15.39
BROOKLYN_NAVY_YARD 23515	25.46 1.31 -5.45	23.84 1.04 -7.34	22.44 0.96 -7.15	21.67 0.96 -6.34	21.25 0.96 -5.80	23.23 0.92 -8.10	24.83 1.11 -6.94	27.34 1.55 -5.45	28.29 1.73 -5.69	29.13 1.77 -6.47	28.47 1.67 -5.95	29.29 1.73 -6.71	30.06 1.69 -7.52	32.54 1.54 -11.53	33.90 1.42 -14.47	33.93 1.63 -11.64	42.73 1.64 -21.58	42.49 1.73 -19.84	35.82 1.83 -10.58	32.77 1.61 -10.22	28.76 1.85 -2.19	26.50 1.62 -4.35	24.77 1.67 -2.18	23.04 1.11 -5.76
BROOKLYN___ARMY_DRP 323595	25.69 1.53 -5.46	24.04 1.24 -7.34	22.62 1.13 -7.15	21.85 1.14 -6.34	21.44 1.15 -5.80	23.34 1.04 -8.10	24.91 1.19 -6.94	27.49 1.69 -5.46	28.47 1.90 -5.70	36.41 1.94 -13.58	32.85 1.90 -10.10	39.08 1.96 -16.27	37.84 1.96 -15.03	32.66 1.79 -11.40	34.08 1.66 -14.41	34.08 1.92 -11.51	76.55 1.89 -55.15	70.81 2.01 -47.89	36.10 2.11 -10.58	34.13 1.86 -11.33	33.29 2.13 -6.44	36.79 1.85 -14.42	36.28 1.88 -13.49	23.18 1.31 -5.70

BROOKVLE_69_KV_TB1 55790	35.58 1.65 -15.23	32.39 1.35 -15.58	29.40 1.25 -13.82	25.40 1.26 -9.76	26.39 1.26 -10.64	29.47 1.21 -14.06	30.77 1.44 -12.54	32.35 1.87 -10.14	33.39 2.05 -10.47	34.40 2.09 -11.42	32.11 2.04 -9.22	34.20 2.04 -11.30	34.04 2.06 -11.12	36.09 1.89 -14.73	45.34 1.76 -25.57	48.14 2.04 -25.44	46.29 1.97 -24.80	43.75 2.07 -20.77	40.83 2.25 -15.16	37.42 1.95 -14.54	33.40 2.27 -6.40	34.42 1.89 -12.00	30.94 2.01 -8.02	29.79 1.44 -12.18
BROOME_2_LFGE 323671	20.59 0.26 -1.63	17.87 0.22 -2.19	16.65 0.19 -2.13	16.47 0.20 -1.89	16.40 0.17 -1.73	16.80 0.18 -2.42	19.04 0.18 -2.07	22.09 0.12 -1.63	22.72 0.15 -1.70	22.82 0.08 -1.84	22.73 0.10 -1.78	22.94 0.08 -2.00	23.12 0.06 -2.21	22.95 0.08 -3.40	22.26 0.07 -4.18	24.13 0.19 -3.30	25.66 0.10 -6.05	26.68 0.15 -5.62	26.82 0.28 -3.12	24.12 0.17 -3.02	25.69 0.32 -0.65	22.10 0.29 -1.28	21.71 0.15 -0.64	18.19 0.32 -1.70
BROOME___LFGE 323600	20.59 0.26 -1.63	17.87 0.22 -2.19	16.65 0.19 -2.13	16.47 0.20 -1.89	16.40 0.17 -1.73	16.80 0.18 -2.42	19.04 0.18 -2.07	22.09 0.12 -1.63	22.72 0.15 -1.70	22.82 0.08 -1.84	22.73 0.10 -1.78	22.94 0.08 -2.00	23.12 0.06 -2.21	22.95 0.08 -3.40	22.26 0.07 -4.18	24.13 0.19 -3.30	25.66 0.10 -6.05	26.68 0.15 -5.62	26.82 0.28 -3.12	24.12 0.17 -3.02	25.69 0.32 -0.65	22.10 0.29 -1.28	21.71 0.15 -0.64	18.19 0.32 -1.70
BROWNFLS_115KV_TB_3_5 80003	18.08 -0.77 -0.14	14.99 -0.66 -0.19	13.95 -0.57 -0.19	13.91 -0.63 -0.17	14.01 -0.64 -0.15	13.86 -0.55 -0.21	16.38 -0.59 -0.18	19.86 -0.63 -0.14	20.31 -0.71 -0.15	20.30 -0.75 -0.16	20.09 -0.92 -0.16	20.11 -0.92 -0.18	20.08 -0.96 -0.19	18.88 -0.90 -0.30	17.55 -0.83 -0.37	19.83 -1.12 -0.29	19.13 -0.92 -0.53	20.49 -0.92 -0.50	22.76 -0.94 -0.28	20.45 -0.75 -0.27	23.86 -0.91 -0.06	19.86 -0.78 -0.11	20.03 -0.94 -0.06	15.54 -0.78 -0.15
BROWNSV1_27_KV_LOAD 356125	25.67 1.51 -5.45	24.02 1.22 -7.34	22.60 1.12 -7.15	21.83 1.12 -6.34	21.41 1.12 -5.80	23.37 1.07 -8.10	25.01 1.29 -6.94	27.54 1.75 -5.45	28.50 1.94 -5.69	29.34 1.98 -6.47	28.72 1.92 -5.95	29.52 1.96 -6.71	30.24 1.96 -7.43	32.65 1.79 -11.39	33.96 1.66 -14.30	34.06 1.90 -11.51	42.72 1.87 -21.33	42.51 1.99 -19.61	36.10 2.11 -10.58	33.00 1.84 -10.22	29.01 2.13 -2.16	26.65 1.83 -4.30	24.95 1.88 -2.16	23.15 1.29 -5.69
BURROWS___LYONSDAL 23803	18.92 0.04 -0.18	15.71 0.00 -0.25	14.62 0.04 -0.24	14.57 -0.01 -0.21	14.66 -0.03 -0.20	14.58 0.10 -0.27	17.17 0.15 -0.24	20.71 0.18 -0.18	21.25 0.19 -0.19	21.23 0.13 -0.21	21.03 -0.02 -0.20	20.99 -0.08 -0.23	21.00 -0.10 -0.25	19.68 -0.18 -0.39	18.30 -0.18 -0.47	20.78 -0.25 -0.37	20.00 -0.20 -0.69	21.51 -0.04 -0.64	23.94 0.16 -0.35	21.45 0.17 -0.34	25.04 0.25 -0.07	20.78 0.10 -0.15	20.97 -0.02 -0.07	16.39 0.03 -0.19
CAITHNESS_CC_1 323624	36.01 2.02 -15.28	32.75 1.70 -15.58	29.75 1.60 -13.82	25.73 1.60 -9.76	26.73 1.59 -10.64	29.79 1.53 -14.06	31.19 1.86 -12.54	32.82 2.34 -10.14	33.88 2.52 -10.48	39.57 2.55 -16.13	38.30 2.23 -15.22	45.40 2.31 -22.24	42.36 2.23 -19.28	46.07 2.02 -24.57	45.61 1.86 -25.75	48.38 2.15 -25.58	67.77 2.07 -46.20	71.65 2.24 -48.50	43.29 2.46 -17.42	42.73 2.22 -19.58	48.85 2.62 -21.51	36.77 2.28 -13.96	31.36 2.40 -8.05	33.45 1.84 -15.44
CALPINE BETH_PAGE_GT4 24209	35.58 1.65 -15.23	32.41 1.36 -15.58	29.43 1.28 -13.82	25.41 1.28 -9.76	26.42 1.29 -10.64	29.48 1.22 -14.06	30.80 1.48 -12.54	32.37 1.89 -10.14	33.43 2.09 -10.47	34.51 2.09 -11.53	32.20 1.96 -9.39	34.87 1.96 -12.06	34.47 1.94 -11.68	36.11 1.77 -14.86	45.21 1.64 -25.57	47.99 1.90 -25.44	46.43 1.83 -25.09	44.01 1.97 -21.14	40.74 2.13 -15.19	37.72 1.88 -14.90	34.38 2.20 -7.46	34.54 1.87 -12.14	30.98 2.05 -8.02	29.94 1.50 -12.27
CALPINE_BETH_PAGE_GT_4 323586	35.59 1.66 -15.23	32.41 1.36 -15.58	29.42 1.28 -13.82	25.43 1.29 -9.76	26.42 1.29 -10.64	29.49 1.23 -14.06	30.80 1.48 -12.54	32.37 1.89 -10.14	33.43 2.09 -10.47	34.45 2.03 -11.53	32.12 1.88 -9.39	34.87 1.96 -12.06	34.56 1.94 -11.77	36.24 1.77 -15.00	45.38 1.64 -25.74	48.12 1.90 -25.57	46.68 1.83 -25.33	44.24 1.97 -21.36	40.76 2.15 -15.19	37.72 1.88 -14.90	34.41 2.20 -7.49	34.63 1.91 -12.19	31.01 2.05 -8.05	30.01 1.50 -12.34
CALPINE_BP_GT1 23823	35.59 1.66 -15.23	32.41 1.36 -15.58	29.42 1.28 -13.82	25.43 1.29 -9.76	26.42 1.29 -10.64	29.49 1.23 -14.06	30.80 1.48 -12.54	32.37 1.89 -10.14	33.43 2.09 -10.47	34.45 2.03 -11.53	32.12 1.88 -9.39	34.87 1.96 -12.06	34.56 1.94 -11.77	36.24 1.77 -15.00	45.38 1.64 -25.74	48.12 1.90 -25.57	46.68 1.83 -25.33	44.24 1.97 -21.36	40.76 2.15 -15.19	37.72 1.88 -14.90	34.41 2.20 -7.49	34.63 1.91 -12.19	31.01 2.05 -8.05	30.01 1.50 -12.34
CALSPAN___DRP 24200	19.21 -0.36 -0.86	16.33 -0.29 -1.16	15.19 -0.27 -1.13	15.15 -0.23 -1.00	15.17 -0.25 -0.92	15.26 -0.23 -1.28	17.24 -0.64 -1.10	18.24 -1.16 0.94	18.56 -1.19 1.12	18.68 -1.32 0.89	18.47 -1.21 1.17	18.93 -1.29 0.62	18.61 -1.27 0.97	18.64 -1.11 -0.28	19.19 -1.03 -2.21	21.39 -1.01 -1.75	20.58 -1.07 -2.14	22.48 -1.17 -2.74	21.95 -1.08 0.39	21.51 -1.03 -1.60	24.17 -0.89 -0.34	20.18 -1.03 -0.68	20.52 -0.73 -0.34	17.20 0.13 -0.90
CALVERTON___SOLAR 323806	36.23 2.24 -15.28	32.92 1.87 -15.58	29.91 1.76 -13.82	25.88 1.75 -9.76	26.89 1.75 -10.64	29.95 1.69 -14.06	31.37 2.05 -12.54	33.04 2.56 -10.14	34.13 2.78 -10.48	39.81 2.80 -16.12	38.56 2.50 -15.21	45.74 2.58 -22.30	42.63 2.46 -19.33	46.37 2.26 -24.65	45.81 2.05 -25.75	48.63 2.39 -25.58	68.17 2.30 -46.35	72.10 2.49 -48.70	43.59 2.74 -17.43	43.01 2.47 -19.61	49.24 2.92 -21.60	37.00 2.50 -13.97	31.57 2.61 -8.05	33.62 1.99 -15.46
CANDIGU_WT_PWR 323617	19.74 -0.09 -1.13	16.89 -0.09 -1.52	15.73 -0.09 -1.48	15.64 -0.04 -1.31	15.63 -0.07 -1.20	15.81 -0.07 -1.68	17.97 -0.25 -1.44	10.72 -0.57 9.06	10.03 -0.63 10.22	10.90 -0.75 9.24	9.46 -0.71 10.68	11.98 -0.79 8.07	9.50 -0.86 10.50	12.51 -0.76 6.20	20.21 -0.70 -2.90	22.32 -0.62 -2.29	17.03 -0.70 1.78	22.79 -0.69 -2.57	13.55 -0.54 9.34	22.49 -0.54 -2.10	24.80 -0.37 -0.45	21.19 -0.23 -0.89	20.96 -0.40 -0.45	17.49 0.15 -1.18
CARR STREET_E_SYR 24060	19.26 0.08 -0.48	16.17 0.06 -0.65	14.99 0.03 -0.63	14.98 0.04 -0.56	15.04 0.03 -0.51	14.95 0.03 -0.72	17.45 0.05 -0.61	20.76 -0.06 -0.48	21.31 -0.06 -0.50	21.40 -0.04 -0.55	21.33 -0.04 -0.53	21.40 -0.04 -0.59	21.46 -0.04 -0.65	20.42 -0.06 -1.01	19.19 -0.05 -1.24	21.63 0.00 -0.98	21.26 -0.04 -1.79	22.58 0.00 -1.66	24.39 0.05 -0.92	21.83 0.00 -0.89	24.96 0.05 -0.19	20.95 0.04 -0.38	21.04 -0.06 -0.19	16.79 0.11 -0.50
CARTHAGE___PAPER 23857	18.78 -0.17 -0.25	15.63 -0.17 -0.34	14.53 -0.13 -0.33	14.46 -0.20 -0.29	14.52 -0.25 -0.27	14.48 -0.10 -0.37	17.03 -0.07 -0.32	20.47 -0.12 -0.25	20.95 -0.19 -0.26	20.95 -0.23 -0.28	20.62 -0.50 -0.27	20.60 -0.56 -0.31	20.61 -0.58 -0.34	19.41 -0.58 -0.52	18.07 -0.58 -0.64	20.44 -0.72 -0.51	19.84 -0.60 -0.93	21.36 -0.42 -0.87	23.67 -0.23 -0.48	21.30 -0.10 -0.46	24.75 -0.07 -0.10	20.56 -0.16 -0.20	20.64 -0.38 -0.10	16.20 -0.23 -0.26

CASSADAGA_WT_PWR 323784	19.27 -0.34 -0.90	16.40 -0.28 -1.21	15.32 -0.20 -1.18	15.27 -0.16 -1.05	15.24 -0.22 -0.96	15.36 -0.19 -1.34	17.36 -0.57 -1.15	18.72 -1.08 0.54	19.03 -1.17 0.67	19.06 -1.36 0.47	18.79 -1.35 0.70	19.16 -1.46 0.23	18.82 -1.54 0.48	18.78 -1.36 -0.67	19.01 -1.31 -2.32	21.14 -1.34 -1.83	20.65 -1.37 -2.51	22.33 -1.51 -2.93	22.16 -1.36 -0.10	21.39 -1.21 -1.67	24.11 -0.96 -0.36	20.77 -0.47 -0.71	20.62 -0.65 -0.36	17.35 0.24 -0.94
CE_DUNWOOD___DRP 24194	25.33 1.20 -5.43	23.74 0.97 -7.30	22.37 0.92 -7.12	21.62 0.93 -6.31	21.20 0.93 -5.78	23.15 0.88 -8.07	24.73 1.04 -6.91	27.15 1.38 -5.43	28.08 1.54 -5.67	28.92 1.57 -6.46	28.30 1.52 -5.93	29.09 1.56 -6.68	29.81 1.56 -7.40	32.24 1.42 -11.35	33.58 1.33 -14.24	33.66 1.55 -11.46	42.26 1.50 -21.24	42.03 1.59 -19.53	35.67 1.71 -10.55	32.62 1.49 -10.20	28.58 1.71 -2.15	26.24 1.44 -4.28	24.55 1.48 -2.15	22.85 1.02 -5.67
CE_MILLWOOD___DRP 24193	25.24 1.14 -5.39	23.65 0.93 -7.26	22.29 0.89 -7.07	21.54 0.89 -6.27	21.12 0.88 -5.74	23.06 0.84 -8.02	24.64 0.99 -6.87	27.04 1.30 -5.39	27.97 1.46 -5.63	28.83 1.48 -6.45	28.18 1.44 -5.89	28.97 1.48 -6.64	29.69 1.48 -7.36	32.11 1.36 -11.28	33.42 1.26 -14.15	33.53 1.49 -11.39	42.06 1.44 -21.11	41.84 1.53 -19.40	35.55 1.64 -10.49	32.48 1.40 -10.14	28.49 1.63 -2.14	26.16 1.38 -4.25	24.45 1.40 -2.14	22.77 0.97 -5.63
CE_NYC2_DRP 24202	25.58 1.42 -5.46	23.95 1.14 -7.34	22.55 1.06 -7.15	21.78 1.06 -6.34	21.37 1.07 -5.80	23.30 0.99 -8.10	24.90 1.17 -6.94	27.43 1.63 -5.46	28.39 1.82 -5.70	33.43 1.84 -10.70	29.18 1.79 -6.54	30.76 1.83 -8.07	31.19 1.83 -8.50	32.55 1.67 -11.40	33.86 1.55 -14.31	33.94 1.78 -11.51	42.61 1.76 -21.34	42.39 1.86 -19.62	35.94 1.94 -10.58	32.88 1.72 -10.23	28.86 1.98 -2.16	26.54 1.70 -4.30	24.84 1.76 -2.17	23.08 1.21 -5.70
CE_NYC_DRP 24195	25.50 1.35 -5.45	23.88 1.08 -7.34	22.48 1.00 -7.15	21.72 1.01 -6.34	21.30 1.00 -5.80	23.25 0.95 -8.10	24.86 1.14 -6.94	27.36 1.57 -5.45	28.32 1.75 -5.69	29.16 1.80 -6.47	28.53 1.73 -5.95	29.33 1.77 -6.71	30.03 1.75 -7.43	32.48 1.62 -11.39	33.78 1.48 -14.30	33.87 1.71 -11.51	42.52 1.68 -21.33	42.30 1.78 -19.61	35.87 1.87 -10.58	32.79 1.63 -10.22	28.78 1.90 -2.16	26.45 1.62 -4.30	24.74 1.67 -2.16	23.01 1.15 -5.69
CHAFFEE___LFGE 323603	19.26 -0.34 -0.89	16.36 -0.31 -1.20	15.20 -0.30 -1.17	15.17 -0.24 -1.04	15.17 -0.28 -0.95	15.27 -0.26 -1.33	17.26 -0.65 -1.14	18.63 -1.16 0.56	18.99 -1.19 0.69	19.08 -1.32 0.49	18.92 -1.21 0.72	19.34 -1.25 0.25	19.11 -1.23 0.51	19.06 -1.05 -0.64	19.33 -0.97 -2.30	21.53 -0.93 -1.81	20.94 -1.03 -2.47	22.68 -1.03 -2.89	22.46 -1.03 -0.07	21.55 -1.05 -1.66	24.21 -0.87 -0.35	20.72 -0.51 -0.71	20.52 -0.75 -0.35	17.22 0.11 -0.93
CHATEAUG_35_KV_LOAD 355732	17.88 -0.82 0.00	14.77 -0.70 0.00	13.72 -0.62 0.00	13.73 -0.65 0.00	13.95 -0.55 0.00	13.59 -0.61 0.00	16.28 -0.50 0.00	20.04 -0.31 0.00	20.33 -0.54 0.00	20.33 -0.56 0.00	20.27 -0.58 0.00	20.47 -0.38 0.00	20.41 -0.44 0.00	18.89 -0.58 0.00	17.32 -0.68 0.00	19.66 -0.99 0.00	18.67 -0.84 0.00	19.97 -0.94 0.00	22.32 -1.10 0.00	20.08 -0.86 0.00	23.56 -1.16 0.00	19.67 -0.86 0.00	19.95 -0.96 0.00	15.26 -0.91 0.00
CHATEAUG_WT_PWR 323614	17.86 -0.84 0.00	14.75 -0.71 0.00	13.70 -0.63 0.00	13.70 -0.68 0.00	13.95 -0.55 0.00	13.58 -0.62 0.00	16.26 -0.52 0.00	20.02 -0.33 0.00	20.27 -0.61 0.00	20.31 -0.58 0.00	20.22 -0.62 0.00	20.47 -0.37 0.00	20.37 -0.48 0.00	18.83 -0.64 0.00	17.29 -0.72 0.00	19.60 -1.05 0.00	18.63 -0.88 0.00	19.93 -0.98 0.00	22.27 -1.15 0.00	20.04 -0.90 0.00	23.51 -1.21 0.00	19.48 -1.05 0.00	19.91 -1.00 0.00	15.26 -0.91 0.00
CHAT_HIGH_FALL_HYD 323578	17.88 -0.82 0.00	14.77 -0.70 0.00	13.72 -0.62 0.00	13.70 -0.68 0.00	13.95 -0.55 0.00	13.59 -0.61 0.00	16.28 -0.50 0.00	20.04 -0.30 0.00	20.31 -0.56 0.00	20.35 -0.54 0.00	20.27 -0.58 0.00	20.47 -0.37 0.00	20.41 -0.44 0.00	18.89 -0.58 0.00	17.32 -0.68 0.00	19.64 -1.01 0.00	18.67 -0.84 0.00	19.97 -0.94 0.00	22.32 -1.10 0.00	20.08 -0.86 0.00	23.56 -1.16 0.00	19.50 -1.03 0.00	19.95 -0.96 0.00	15.26 -0.91 0.00
CHAUTAUQUA___LFGE 323629	19.39 -0.21 -0.89	16.49 -0.17 -1.20	15.35 -0.14 -1.17	15.32 -0.09 -1.03	15.31 -0.13 -0.95	15.42 -0.10 -1.32	17.44 -0.47 -1.13	18.57 -1.00 0.78	18.89 -1.04 0.94	19.00 -1.17 0.72	18.70 -1.17 0.98	19.20 -1.19 0.46	18.87 -1.21 0.77	18.89 -1.03 -0.45	19.33 -0.95 -2.28	21.52 -0.93 -1.80	20.82 -1.02 -2.32	22.65 -1.11 -2.85	22.23 -1.01 0.19	21.64 -0.94 -1.65	24.35 -0.72 -0.35	20.90 -0.33 -0.70	20.74 -0.52 -0.35	17.39 0.29 -0.93
CHERRYST_13_KV_LD 356241	25.55 1.40 -5.45	23.93 1.13 -7.34	22.52 1.05 -7.15	21.76 1.05 -6.34	21.35 1.06 -5.80	23.30 0.99 -8.10	24.93 1.21 -6.94	27.46 1.67 -5.45	28.42 1.86 -5.69	29.26 1.90 -6.47	28.64 1.83 -5.95	29.43 1.88 -6.71	30.14 1.86 -7.43	32.56 1.69 -11.39	33.87 1.57 -14.30	33.96 1.80 -11.51	42.62 1.78 -21.33	42.41 1.88 -19.61	35.96 1.97 -10.58	32.88 1.72 -10.22	28.86 1.98 -2.16	26.53 1.70 -4.30	24.83 1.76 -2.16	23.06 1.20 -5.69
CHESTROR_138KV_BK263 355645	24.57 0.90 -4.97	22.89 0.74 -6.69	21.55 0.70 -6.52	20.86 0.70 -5.78	20.50 0.71 -5.29	22.24 0.65 -7.39	23.88 0.77 -6.33	26.29 0.98 -4.97	27.17 1.11 -5.19	27.41 1.11 -5.41	27.36 1.08 -5.43	28.09 1.13 -6.12	28.77 1.15 -6.77	30.91 1.05 -10.39	32.01 0.99 -13.01	32.28 1.18 -10.45	40.00 1.13 -19.35	39.92 1.19 -17.81	34.35 1.33 -9.60	31.35 1.13 -9.28	28.00 1.31 -1.97	25.53 1.09 -3.92	23.99 1.11 -1.97	22.13 0.78 -5.19
CH_MIDHUDSON___DRP 24192	25.42 1.07 -5.65	23.94 0.87 -7.61	22.56 0.82 -7.41	21.76 0.82 -6.57	21.34 0.83 -6.02	23.39 0.78 -8.40	24.89 0.91 -7.20	27.11 1.12 -5.65	28.03 1.25 -5.90	28.63 1.27 -6.46	28.28 1.25 -6.18	29.08 1.27 -6.96	29.92 1.38 -7.69	32.55 1.27 -11.82	33.90 1.17 -14.72	33.81 1.38 -11.77	42.59 1.33 -21.75	42.39 1.42 -20.06	35.81 1.57 -10.83	32.74 1.34 -10.47	28.52 1.56 -2.24	26.28 1.29 -4.46	24.47 1.32 -2.24	23.01 0.94 -5.90
CH_MISC_IPPS 23765	25.36 1.14 -5.52	23.80 0.91 -7.42	22.42 0.86 -7.23	21.66 0.88 -6.41	21.24 0.87 -5.87	23.24 0.84 -8.20	24.78 0.97 -7.02	27.08 1.22 -5.51	27.99 1.36 -5.76	28.52 1.36 -6.27	28.21 1.34 -6.03	29.01 1.38 -6.79	29.85 1.48 -7.52	32.37 1.36 -11.54	33.69 1.28 -14.41	33.68 1.49 -11.54	42.29 1.44 -21.34	42.12 1.55 -19.66	35.73 1.73 -10.58	32.61 1.44 -10.23	28.59 1.68 -2.19	26.32 1.44 -4.35	24.50 1.40 -2.19	22.92 0.99 -5.76
CH_RES_BVR_FALLS 23983	18.38 -0.32 0.00	15.20 -0.26 0.00	14.09 -0.24 0.00	14.12 -0.26 0.00	14.26 -0.23 0.00	13.96 -0.24 0.00	16.51 -0.27 0.00	20.10 -0.24 0.00	20.58 -0.29 0.00	20.58 -0.31 0.00	20.56 -0.29 0.00	20.58 -0.27 0.00	20.56 -0.29 0.00	19.22 -0.25 0.00	17.77 -0.23 0.00	20.30 -0.35 0.00	19.24 -0.27 0.00	20.58 -0.34 0.00	23.00 -0.42 0.00	20.60 -0.34 0.00	24.28 -0.44 0.00	20.14 -0.39 0.00	20.58 -0.34 0.00	15.83 -0.34 0.00

CH_RES_NIAGARA 23895	18.86 -0.64 -0.79	16.04 -0.50 -1.07	14.91 -0.46 -1.04	14.92 -0.37 -0.92	14.92 -0.42 -0.85	14.94 -0.44 -1.18	16.85 -0.94 -1.01	18.17 -1.57 0.60	18.47 -1.67 0.73	18.80 -1.55 0.54	18.41 -1.67 0.77	18.99 -1.54 0.32	18.78 -1.50 0.57	18.63 -1.32 -0.49	18.57 -1.48 -2.04	20.77 -1.49 -1.61	20.08 -1.56 -2.13	21.75 -1.71 -2.55	21.98 -1.38 0.05	20.84 -1.57 -1.47	23.55 -1.48 -0.31	20.15 -1.01 -0.63	20.08 -1.15 -0.31	16.89 -0.11 -0.83
CH_RES_SYRACUSE 23985	19.43 0.19 -0.54	16.34 0.15 -0.72	15.17 0.13 -0.71	15.14 0.14 -0.63	15.18 0.12 -0.57	15.13 0.13 -0.80	17.63 0.17 -0.69	20.96 0.08 -0.54	21.54 0.10 -0.56	21.61 0.10 -0.61	21.56 0.13 -0.59	21.64 0.13 -0.66	21.68 0.10 -0.73	20.66 0.06 -1.13	19.46 0.07 -1.38	21.87 0.12 -1.09	21.61 0.10 -2.00	22.92 0.15 -1.86	24.66 0.21 -1.03	22.08 0.15 -1.00	25.16 0.22 -0.21	21.12 0.16 -0.42	21.19 0.06 -0.21	16.94 0.21 -0.56
CLINTON_WT_PWR 323605	17.86 -0.84 0.00	14.75 -0.71 0.00	13.70 -0.63 0.00	13.70 -0.68 0.00	13.95 -0.55 0.00	13.58 -0.62 0.00	16.26 -0.52 0.00	20.02 -0.33 0.00	20.27 -0.61 0.00	20.31 -0.58 0.00	20.22 -0.62 0.00	20.47 -0.37 0.00	20.37 -0.48 0.00	18.83 -0.64 0.00	17.29 -0.72 0.00	19.60 -1.05 0.00	18.63 -0.88 0.00	19.93 -0.98 0.00	22.27 -1.15 0.00	20.04 -0.90 0.00	23.51 -1.21 0.00	19.48 -1.05 0.00	19.91 -1.00 0.00	15.26 -0.91 0.00
CLINTON___LFGE 323618	17.99 -0.71 0.00	14.84 -0.62 0.00	13.79 -0.54 0.00	13.76 -0.62 0.00	14.02 -0.48 0.00	13.65 -0.55 0.00	16.36 -0.42 0.00	20.16 -0.18 0.00	20.37 -0.50 0.00	20.39 -0.50 0.00	20.31 -0.54 0.00	20.62 -0.23 0.00	20.54 -0.31 0.00	18.98 -0.49 0.00	17.41 -0.59 0.00	19.72 -0.93 0.00	18.77 -0.74 0.00	20.10 -0.82 0.00	22.48 -0.94 0.00	20.20 -0.73 0.00	23.68 -1.04 0.00	19.60 -0.92 0.00	20.01 -0.90 0.00	15.34 -0.82 0.00
COBBLENY_34_KV_TB1 80064	19.24 -0.36 -0.89	16.36 -0.31 -1.20	15.20 -0.30 -1.17	15.15 -0.26 -1.04	15.17 -0.28 -0.95	15.29 -0.24 -1.33	17.26 -0.65 -1.14	18.67 -1.12 0.56	19.05 -1.13 0.69	19.10 -1.30 0.49	19.00 -1.13 0.72	19.34 -1.25 0.25	19.11 -1.23 0.51	19.06 -1.05 -0.64	19.33 -0.97 -2.29	21.49 -0.97 -1.81	20.94 -1.03 -2.46	22.67 -1.13 -2.89	22.46 -1.03 -0.07	21.59 -1.00 -1.66	24.21 -0.87 -0.35	20.21 -1.03 -0.70	20.51 -0.75 -0.35	17.22 0.11 -0.93
COFFEEN___115KV_TB3 355620	19.27 0.28 -0.29	16.03 0.19 -0.38	14.92 0.21 -0.37	14.81 0.10 -0.33	14.83 0.03 -0.30	14.80 0.17 -0.42	17.38 0.23 -0.36	20.83 0.20 -0.29	21.30 0.13 -0.30	21.32 0.10 -0.32	21.02 -0.15 -0.31	20.99 -0.21 -0.35	21.01 -0.23 -0.39	19.74 -0.33 -0.60	18.41 -0.32 -0.73	20.82 -0.41 -0.58	20.24 -0.33 -1.06	21.81 -0.08 -0.98	24.13 0.16 -0.55	21.74 0.27 -0.53	25.28 0.44 -0.11	20.94 0.18 -0.22	20.96 -0.06 -0.11	16.55 0.08 -0.30
COLDSPRG_115KV_BK1 355956	19.41 -0.22 -0.93	16.54 -0.19 -1.26	15.40 -0.16 -1.22	15.33 -0.13 -1.09	15.33 -0.16 -0.99	15.50 -0.09 -1.39	17.52 -0.45 -1.19	19.63 -0.71 0.00	20.15 -0.65 0.07	19.89 -1.09 -0.09	20.00 -0.77 0.07	20.00 -1.13 -0.28	19.84 -1.17 -0.16	19.62 -1.01 -1.16	19.45 -0.95 -2.40	21.61 -0.93 -1.89	21.43 -1.00 -2.92	22.90 -1.11 -3.10	23.19 -0.96 -0.73	21.79 -0.88 -1.73	24.40 -0.69 -0.37	20.50 -0.76 -0.74	20.72 -0.56 -0.37	17.40 0.26 -0.98
COLONIE_LFGE___ 323577	26.80 0.90 -7.20	25.90 0.74 -9.69	24.45 0.67 -9.44	23.44 0.69 -8.37	22.86 0.70 -7.67	25.60 0.70 -10.71	26.74 0.79 -9.17	28.42 0.87 -7.20	29.35 0.96 -7.52	30.07 0.96 -8.21	29.70 0.98 -7.87	30.65 0.94 -8.86	31.43 0.90 -9.68	35.36 0.86 -15.03	36.76 0.79 -17.96	35.37 0.91 -13.81	45.32 0.84 -24.97	45.34 0.92 -23.51	38.26 1.05 -13.78	35.24 0.98 -13.32	28.78 1.21 -2.85	27.18 0.99 -5.67	24.74 0.98 -2.85	24.40 0.73 -7.51
COOPERNY_115KV_TB1 80082	23.12 0.69 -3.73	21.05 0.57 -5.02	19.76 0.54 -4.89	19.25 0.55 -4.33	19.00 0.54 -3.97	20.24 0.50 -5.54	22.11 0.59 -4.75	24.82 0.75 -3.73	25.60 0.83 -3.89	25.87 0.84 -4.14	25.75 0.83 -4.07	26.29 0.85 -4.59	26.78 0.85 -5.07	28.04 0.78 -7.79	28.46 0.74 -9.71	29.31 0.89 -7.77	34.72 0.84 -14.37	35.06 0.90 -13.25	31.60 1.01 -7.17	28.73 0.86 -6.93	27.19 0.99 -1.48	24.29 0.82 -2.94	23.20 0.82 -1.48	20.66 0.60 -3.89
COPENHAGEN_WT_PWR 323753	19.07 0.08 -0.29	15.89 0.03 -0.40	14.78 0.06 -0.39	14.69 -0.03 -0.34	14.72 -0.09 -0.31	14.68 0.04 -0.44	17.24 0.08 -0.38	20.66 0.02 -0.29	21.14 -0.04 -0.31	21.16 -0.06 -0.33	20.88 -0.29 -0.32	20.88 -0.33 -0.36	20.89 -0.35 -0.40	19.68 -0.41 -0.62	18.35 -0.41 -0.76	20.75 -0.50 -0.60	20.19 -0.41 -1.09	21.70 -0.23 -1.02	23.96 -0.02 -0.56	21.54 0.06 -0.55	25.01 0.17 -0.12	20.80 0.04 -0.23	20.84 -0.19 -0.12	16.44 -0.03 -0.31
CORNELL___ 23752	20.42 0.58 -1.14	17.47 0.48 -1.53	16.24 0.42 -1.49	16.11 0.42 -1.32	16.10 0.39 -1.21	16.30 0.41 -1.69	18.75 0.52 -1.45	22.62 0.51 -1.77	23.24 0.48 -1.89	23.25 0.42 -1.94	23.27 0.44 -1.98	23.21 0.38 -1.98	23.49 0.35 -2.29	22.65 0.27 -2.91	21.20 0.27 -2.92	23.35 0.39 -2.30	24.45 0.35 -4.59	25.40 0.48 -4.00	26.99 0.68 -2.89	23.61 0.57 -2.11	25.91 0.74 -0.45	21.88 0.45 -0.90	21.80 0.44 -0.45	17.89 0.53 -1.19
CORONA_AAV_69_KV_TB1 355595	35.59 1.66 -15.23	32.41 1.36 -15.58	29.43 1.28 -13.82	25.42 1.29 -9.76	26.42 1.29 -10.64	29.48 1.22 -14.06	30.75 1.43 -12.54	32.29 1.81 -10.14	33.31 1.96 -10.47	34.30 1.98 -11.42	31.98 1.92 -9.22	34.15 2.00 -11.30	33.98 2.00 -11.12	36.05 1.85 -14.73	45.30 1.73 -25.57	48.09 2.00 -25.44	46.25 1.93 -24.80	43.75 2.07 -20.77	40.85 2.27 -15.16	37.47 1.99 -14.54	33.42 2.30 -6.40	34.44 1.91 -12.00	30.88 1.94 -8.02	29.71 1.39 -12.15
CORTLAND_115KV_TB3 80093	20.02 0.39 -0.93	17.02 0.31 -1.25	15.82 0.27 -1.22	15.74 0.29 -1.08	15.75 0.26 -0.99	15.85 0.27 -1.38	18.30 0.34 -1.18	21.60 0.33 -0.93	22.18 0.33 -0.97	22.24 0.29 -1.05	22.16 0.29 -1.01	22.24 0.25 -1.14	22.36 0.25 -1.26	21.61 0.19 -1.94	20.57 0.18 -2.38	22.80 0.27 -1.88	23.19 0.23 -3.45	24.43 0.31 -3.20	25.67 0.47 -1.78	23.04 0.38 -1.72	25.58 0.49 -0.37	21.55 0.29 -0.73	21.55 0.27 -0.37	17.51 0.37 -0.97
COXSACKIE___GT 23611	26.48 1.14 -6.64	25.31 0.91 -8.94	23.87 0.83 -8.71	22.91 0.82 -7.72	22.40 0.84 -7.07	24.92 0.85 -9.87	26.23 0.99 -8.46	28.10 1.12 -6.64	28.95 1.15 -6.93	29.58 1.13 -7.56	29.10 1.00 -7.25	29.96 0.94 -8.17	30.86 1.04 -8.97	34.37 1.03 -13.86	35.80 0.94 -16.85	34.92 1.09 -13.17	44.62 1.07 -24.04	44.60 1.25 -22.44	37.68 1.55 -12.71	34.61 1.38 -12.29	29.08 1.73 -2.63	27.11 1.35 -5.23	24.82 1.28 -2.63	24.01 0.92 -6.92
CPV_VALLEY___CC1 323721	23.98 0.75 -4.53	22.20 0.63 -6.10	20.88 0.60 -5.94	20.25 0.60 -5.27	19.93 0.61 -4.82	21.51 0.57 -6.74	23.21 0.65 -5.77	25.71 0.83 -4.53	26.54 0.94 -4.73	26.86 0.96 -5.00	26.74 0.94 -4.95	27.39 0.96 -5.58	28.04 0.98 -6.21	29.89 0.90 -9.53	30.77 0.85 -11.92	31.21 0.99 -9.56	38.17 0.96 -17.70	38.24 1.02 -16.30	33.28 1.12 -8.74	30.33 0.94 -8.45	27.64 1.11 -1.81	25.09 0.97 -3.59	23.66 0.94 -1.80	21.57 0.65 -4.76

CPV_VALLEY__CC2 323722	23.98 0.75 -4.53	22.20 0.63 -6.10	20.88 0.60 -5.94	20.25 0.60 -5.27	19.93 0.61 -4.82	21.51 0.57 -6.74	23.21 0.65 -5.77	25.71 0.83 -4.53	26.54 0.94 -4.73	26.86 0.96 -5.00	26.74 0.94 -4.95	27.39 0.96 -5.58	28.04 0.98 -6.21	29.89 0.90 -9.53	30.77 0.85 -11.92	31.21 0.99 -9.56	38.17 0.96 -17.70	38.24 1.02 -16.30	33.28 1.12 -8.74	30.33 0.94 -8.45	27.64 1.11 -1.81	25.09 0.97 -3.59	23.66 0.94 -1.80	21.57 0.65 -4.76
CRESCENT__HYD 24018	26.80 0.90 -7.20	25.90 0.74 -9.69	24.45 0.67 -9.44	23.44 0.69 -8.37	22.86 0.70 -7.67	25.60 0.70 -10.71	26.74 0.79 -9.17	28.42 0.87 -7.20	29.35 0.96 -7.52	30.07 0.96 -8.21	29.70 0.98 -7.87	30.65 0.94 -8.86	31.43 0.90 -9.68	35.36 0.86 -15.03	36.76 0.79 -17.96	35.37 0.91 -13.81	45.32 0.84 -24.97	45.34 0.92 -23.51	38.26 1.05 -13.78	35.24 0.98 -13.32	28.78 1.21 -2.85	27.18 0.99 -5.67	24.74 0.98 -2.85	24.40 0.73 -7.51
CRICKET__VALLEY_CC1 323756	25.49 0.88 -5.91	24.16 0.74 -7.95	22.78 0.70 -7.75	21.96 0.72 -6.87	21.51 0.72 -6.29	23.68 0.70 -8.78	25.08 0.77 -7.53	27.15 0.89 -5.91	28.04 1.00 -6.17	28.70 1.00 -6.80	28.31 1.00 -6.46	29.14 1.02 -7.27	29.21 1.04 -7.32	32.74 0.97 -12.30	29.12 0.90 -10.21	26.17 1.05 -4.46	25.20 1.01 -4.68	29.50 1.09 -7.50	35.87 1.17 -11.28	32.89 1.05 -10.90	28.26 1.21 -2.33	26.21 1.05 -4.64	24.33 1.09 -2.33	23.09 0.78 -6.14
CRICKET__VALLEY_CC2 323757	25.49 0.88 -5.91	24.16 0.74 -7.95	22.78 0.70 -7.75	21.96 0.72 -6.87	21.51 0.72 -6.29	23.68 0.70 -8.78	25.08 0.77 -7.53	27.15 0.89 -5.91	28.04 1.00 -6.17	28.70 1.00 -6.80	28.31 1.00 -6.46	29.14 1.02 -7.27	29.21 1.04 -7.32	32.74 0.97 -12.30	29.12 0.90 -10.21	26.17 1.05 -4.46	25.20 1.01 -4.68	29.50 1.09 -7.50	35.87 1.17 -11.28	32.89 1.05 -10.90	28.26 1.21 -2.33	26.21 1.05 -4.64	24.33 1.09 -2.33	23.09 0.78 -6.14
CRICKET__VALLEY_CC3 323758	25.49 0.88 -5.91	24.16 0.74 -7.95	22.78 0.70 -7.75	21.96 0.72 -6.87	21.51 0.72 -6.29	23.68 0.70 -8.78	25.08 0.77 -7.53	27.15 0.89 -5.91	28.04 1.00 -6.17	28.70 1.00 -6.80	28.31 1.00 -6.46	29.14 1.02 -7.27	29.21 1.04 -7.32	32.74 0.97 -12.30	29.12 0.90 -10.21	26.17 1.05 -4.46	25.20 1.01 -4.68	29.50 1.09 -7.50	35.87 1.17 -11.28	32.89 1.05 -10.90	28.26 1.21 -2.33	26.21 1.05 -4.64	24.33 1.09 -2.33	23.09 0.78 -6.14
CRUCIBLE_METL_DRP 24180	19.43 0.19 -0.54	16.34 0.15 -0.72	15.17 0.13 -0.71	15.14 0.14 -0.63	15.19 0.12 -0.57	15.13 0.13 -0.80	17.63 0.17 -0.69	20.96 0.08 -0.54	21.52 0.08 -0.56	21.63 0.13 -0.61	21.56 0.13 -0.59	21.64 0.13 -0.66	21.68 0.10 -0.73	20.65 0.06 -1.13	19.46 0.07 -1.38	21.87 0.12 -1.09	21.61 0.10 -2.00	22.92 0.15 -1.86	24.66 0.21 -1.03	22.08 0.15 -1.00	25.16 0.22 -0.21	21.01 0.06 -0.42	21.19 0.06 -0.21	16.94 0.21 -0.56
DAHOWA__HYDRO 323763	27.38 1.35 -7.33	26.44 1.11 -9.86	24.94 1.00 -9.61	23.90 1.01 -8.52	23.31 1.01 -7.80	26.12 1.02 -10.89	27.31 1.19 -9.33	28.99 1.32 -7.33	29.94 1.42 -7.65	30.71 1.46 -8.36	30.23 1.38 -8.01	31.16 1.29 -9.02	31.92 1.21 -9.87	35.92 1.15 -15.30	37.42 1.04 -18.37	36.03 1.20 -14.18	46.34 1.11 -25.72	46.28 1.21 -24.16	38.90 1.45 -14.03	35.84 1.34 -13.56	29.37 1.76 -2.90	27.67 1.38 -5.77	25.23 1.42 -2.90	24.86 1.05 -7.64
DANC__LFGE 323619	19.09 0.04 -0.35	15.93 0.00 -0.46	14.80 0.01 -0.45	14.75 -0.03 -0.40	14.79 -0.07 -0.37	14.71 0.00 -0.51	17.25 0.03 -0.44	20.63 -0.06 -0.35	21.13 -0.10 -0.36	21.18 -0.10 -0.39	20.95 -0.27 -0.38	20.96 -0.31 -0.42	21.01 -0.31 -0.47	19.84 -0.35 -0.72	18.57 -0.32 -0.89	20.96 -0.39 -0.70	20.44 -0.35 -1.28	21.87 -0.23 -1.19	23.99 -0.09 -0.66	21.53 -0.04 -0.64	24.91 0.05 -0.14	20.80 0.00 -0.27	20.86 -0.19 -0.14	16.51 -0.02 -0.36
DANSKAMMER__1 23586	25.36 1.14 -5.52	23.80 0.91 -7.42	22.42 0.86 -7.23	21.66 0.88 -6.41	21.24 0.87 -5.87	23.24 0.84 -8.20	24.78 0.97 -7.02	27.08 1.22 -5.51	27.99 1.36 -5.76	28.52 1.36 -6.27	28.21 1.34 -6.03	29.01 1.38 -6.79	29.85 1.48 -7.52	32.37 1.36 -11.54	33.69 1.28 -14.41	33.68 1.49 -11.54	42.29 1.44 -21.34	42.12 1.55 -19.66	35.73 1.73 -10.58	32.61 1.44 -10.23	28.59 1.68 -2.19	26.32 1.44 -4.35	24.50 1.40 -2.19	22.92 0.99 -5.76
DANSKAMMER__2 23589	25.36 1.14 -5.52	23.80 0.91 -7.42	22.42 0.86 -7.23	21.66 0.88 -6.41	21.24 0.87 -5.87	23.24 0.84 -8.20	24.78 0.97 -7.02	27.08 1.22 -5.51	27.99 1.36 -5.76	28.52 1.36 -6.27	28.21 1.34 -6.03	29.01 1.38 -6.79	29.85 1.48 -7.52	32.37 1.36 -11.54	33.69 1.28 -14.41	33.68 1.49 -11.54	42.29 1.44 -21.34	42.12 1.55 -19.66	35.73 1.73 -10.58	32.61 1.44 -10.23	28.59 1.68 -2.19	26.32 1.44 -4.35	24.50 1.40 -2.19	22.92 0.99 -5.76
DANSKAMMER__3 23590	25.36 1.14 -5.52	23.80 0.91 -7.42	22.42 0.86 -7.23	21.66 0.88 -6.41	21.24 0.87 -5.87	23.24 0.84 -8.20	24.78 0.97 -7.02	27.08 1.22 -5.51	27.99 1.36 -5.76	28.52 1.36 -6.27	28.21 1.34 -6.03	29.01 1.38 -6.79	29.85 1.48 -7.52	32.37 1.36 -11.54	33.69 1.28 -14.41	33.68 1.49 -11.54	42.29 1.44 -21.34	42.12 1.55 -19.66	35.73 1.73 -10.58	32.61 1.44 -10.23	28.59 1.68 -2.19	26.32 1.44 -4.35	24.50 1.40 -2.19	22.92 0.99 -5.76
DANSKAMMER__4 23591	25.36 1.14 -5.52	23.80 0.91 -7.42	22.42 0.86 -7.23	21.66 0.88 -6.41	21.24 0.87 -5.87	23.24 0.84 -8.20	24.78 0.97 -7.02	27.08 1.22 -5.51	27.99 1.36 -5.76	28.52 1.36 -6.27	28.21 1.34 -6.03	29.01 1.38 -6.79	29.85 1.48 -7.52	32.37 1.36 -11.54	33.69 1.28 -14.41	33.68 1.49 -11.54	42.29 1.44 -21.34	42.12 1.55 -19.66	35.73 1.73 -10.58	32.61 1.44 -10.23	28.59 1.68 -2.19	26.32 1.44 -4.35	24.50 1.40 -2.19	22.92 0.99 -5.76
DANSKAMMER__DIESEL 23592	25.36 1.14 -5.52	23.80 0.91 -7.42	22.42 0.86 -7.23	21.66 0.88 -6.41	21.24 0.87 -5.87	23.24 0.84 -8.20	24.78 0.97 -7.02	27.08 1.22 -5.51	27.99 1.36 -5.76	28.52 1.36 -6.27	28.23 1.36 -6.03	29.01 1.38 -6.79	29.84 1.48 -7.51	32.36 1.36 -11.53	33.68 1.28 -14.39	33.69 1.51 -11.53	42.27 1.44 -21.32	42.11 1.55 -19.65	35.73 1.73 -10.58	32.61 1.44 -10.23	28.59 1.68 -2.18	26.27 1.40 -4.35	24.50 1.40 -2.18	22.91 0.99 -5.76
DARBY__SOLAR 323810	27.27 1.25 -7.31	26.34 1.04 -9.84	24.85 0.93 -9.59	23.81 0.93 -8.50	23.22 0.94 -7.78	26.04 0.97 -10.87	27.20 1.11 -9.31	28.87 1.22 -7.31	29.84 1.34 -7.63	30.58 1.36 -8.34	30.15 1.31 -7.99	31.10 1.25 -9.00	31.86 1.17 -9.84	35.84 1.11 -15.26	37.32 1.01 -18.31	35.94 1.16 -14.13	46.19 1.07 -25.61	46.14 1.17 -24.06	38.79 1.38 -13.99	35.74 1.28 -13.53	29.27 1.66 -2.89	27.58 1.29 -5.75	25.14 1.34 -2.89	24.78 0.99 -7.62
DASHVILLE__HYD 23610	25.15 0.73 -5.71	23.73 0.57 -7.69	22.37 0.54 -7.49	21.58 0.56 -6.64	21.14 0.57 -6.08	23.22 0.53 -8.49	24.68 0.62 -7.28	26.85 0.79 -5.71	27.78 0.94 -5.97	28.32 0.94 -6.49	28.05 0.96 -6.24	28.88 1.00 -7.03	29.72 1.11 -7.76	32.41 0.99 -11.94	33.72 0.94 -14.77	33.48 1.09 -11.73	42.18 1.07 -21.60	42.05 1.15 -19.99	35.64 1.26 -10.95	32.57 1.05 -10.59	28.15 1.16 -2.26	26.02 0.99 -4.50	24.18 1.00 -2.26	22.80 0.66 -5.97

DEERFIELD_69_KV_DEERFIELD LD 355887	36.85 2.86 -15.28	33.40 2.35 -15.58	30.36 2.21 -13.82	26.32 2.18 -9.76	27.32 2.19 -10.64	30.39 2.13 -14.06	31.89 2.57 -12.54	33.70 3.21 -10.14	34.84 3.49 -10.48	40.53 3.53 -16.11	39.36 3.32 -15.20	46.60 3.42 -22.33	43.44 3.34 -19.26	47.06 3.06 -24.54	46.39 2.81 -25.58	49.36 3.26 -25.45	68.78 3.10 -46.17	72.79 3.33 -48.55	44.56 3.70 -17.44	43.87 3.31 -19.62	50.19 3.86 -21.61	37.63 3.18 -13.92	32.24 3.30 -8.02	34.08 2.51 -15.40
DELAWARE___LFGE 323621	21.39 0.69 -2.00	18.72 0.57 -2.69	17.48 0.53 -2.62	17.21 0.52 -2.32	17.13 0.51 -2.13	17.68 0.51 -2.97	19.93 0.60 -2.54	23.05 0.71 -2.00	23.75 0.79 -2.09	23.93 0.77 -2.26	23.78 0.75 -2.18	24.06 0.75 -2.46	24.31 0.75 -2.71	24.31 0.66 -4.17	23.73 0.59 -5.12	25.42 0.72 -4.04	27.57 0.64 -7.41	28.53 0.73 -6.89	28.14 0.89 -3.83	25.41 0.77 -3.70	26.45 0.94 -0.79	22.82 0.72 -1.57	22.41 0.71 -0.79	18.84 0.58 -2.08
DERFIELD_115KV_TB7 355931	18.72 0.02 0.00	15.48 0.02 0.00	14.35 0.01 0.00	14.39 0.01 0.00	14.53 0.03 0.00	14.23 0.03 0.00	16.81 0.03 0.00	20.36 0.02 0.00	20.89 0.02 0.00	20.91 0.02 0.00	20.87 0.02 0.00	20.85 0.00 0.00	20.85 0.00 0.00	19.45 -0.02 0.00	17.99 -0.02 0.00	20.65 0.00 0.00	19.49 -0.02 0.00	20.91 0.00 0.00	23.44 0.02 0.00	20.98 0.04 0.00	24.77 0.05 0.00	20.55 0.02 0.00	20.95 0.04 0.00	16.22 0.05 0.00
DOGLEVILLE___HYD 23807	18.53 -0.17 0.00	15.32 -0.14 0.00	14.23 -0.10 0.00	14.26 -0.12 0.00	14.41 -0.09 0.00	14.17 -0.03 0.00	16.76 -0.02 0.00	20.28 -0.06 0.00	20.81 -0.06 0.00	20.79 -0.10 0.00	20.72 -0.12 0.00	20.70 -0.14 0.00	20.68 -0.17 0.00	19.20 -0.27 0.00	17.72 -0.29 0.00	20.30 -0.35 0.00	19.16 -0.35 0.00	20.56 -0.36 0.00	23.09 -0.33 0.00	20.64 -0.29 0.00	24.42 -0.30 0.00	20.32 -0.21 0.00	20.68 -0.23 0.00	16.04 -0.13 0.00
DUNKIRK___115KV_TB_200 55889	19.38 -0.21 -0.89	16.49 -0.17 -1.19	15.35 -0.14 -1.16	15.30 -0.10 -1.03	15.31 -0.13 -0.94	15.42 -0.10 -1.32	17.44 -0.47 -1.13	18.58 -0.96 0.80	18.91 -1.00 0.96	19.00 -1.15 0.75	18.76 -1.08 1.01	19.18 -1.19 0.48	18.86 -1.19 0.80	18.89 -1.01 -0.43	19.35 -0.94 -2.28	21.54 -0.91 -1.80	20.82 -1.00 -2.30	22.68 -1.07 -2.84	22.25 -0.96 0.21	21.70 -0.88 -1.65	24.38 -0.69 -0.35	20.41 -0.82 -0.70	20.74 -0.52 -0.35	17.39 0.29 -0.93
DUNKIRK___1 23563	19.38 -0.21 -0.89	16.49 -0.17 -1.19	15.35 -0.14 -1.16	15.30 -0.10 -1.03	15.31 -0.13 -0.94	15.42 -0.10 -1.32	17.44 -0.47 -1.13	18.58 -0.96 0.80	18.91 -1.00 0.96	19.00 -1.15 0.75	18.76 -1.08 1.01	19.18 -1.19 0.48	18.86 -1.19 0.80	18.89 -1.01 -0.43	19.35 -0.94 -2.28	21.54 -0.91 -1.80	20.82 -1.00 -2.30	22.68 -1.07 -2.84	22.25 -0.96 0.21	21.70 -0.88 -1.65	24.38 -0.69 -0.35	20.41 -0.82 -0.70	20.74 -0.52 -0.35	17.39 0.29 -0.93
DUNKIRK___2 23564	19.38 -0.21 -0.89	16.49 -0.17 -1.19	15.35 -0.14 -1.16	15.30 -0.10 -1.03	15.31 -0.13 -0.94	15.42 -0.10 -1.32	17.44 -0.47 -1.13	18.58 -0.96 0.80	18.91 -1.00 0.96	19.00 -1.15 0.75	18.76 -1.08 1.01	19.18 -1.19 0.48	18.86 -1.19 0.80	18.89 -1.01 -0.43	19.35 -0.94 -2.28	21.54 -0.91 -1.80	20.82 -1.00 -2.30	22.68 -1.07 -2.84	22.25 -0.96 0.21	21.70 -0.88 -1.65	24.38 -0.69 -0.35	20.41 -0.82 -0.70	20.74 -0.52 -0.35	17.39 0.29 -0.93
DUNKIRK___3 23565	19.31 -0.28 -0.89	16.44 -0.22 -1.19	15.29 -0.20 -1.16	15.24 -0.16 -1.03	15.25 -0.19 -0.94	15.36 -0.16 -1.32	17.37 -0.54 -1.13	18.42 -1.02 0.91	18.75 -1.04 1.08	18.85 -1.19 0.85	18.61 -1.11 1.13	19.06 -1.21 0.58	18.74 -1.19 0.92	18.78 -1.03 -0.34	19.31 -0.97 -2.27	21.52 -0.93 -1.79	20.73 -1.01 -2.23	22.64 -1.09 -2.82	22.13 -0.96 0.33	21.64 -0.94 -1.64	24.30 -0.77 -0.35	20.34 -0.88 -0.70	20.66 -0.61 -0.35	17.29 0.19 -0.92
DUNKIRK___4 23566	19.31 -0.28 -0.89	16.44 -0.22 -1.19	15.29 -0.20 -1.16	15.24 -0.16 -1.03	15.25 -0.19 -0.94	15.36 -0.16 -1.32	17.37 -0.54 -1.13	18.42 -1.02 0.91	18.75 -1.04 1.08	18.85 -1.19 0.85	18.61 -1.11 1.13	19.06 -1.21 0.58	18.74 -1.19 0.92	18.78 -1.03 -0.34	19.31 -0.97 -2.27	21.52 -0.93 -1.79	20.73 -1.01 -2.23	22.64 -1.09 -2.82	22.13 -0.96 0.33	21.64 -0.94 -1.64	24.30 -0.77 -0.35	20.34 -0.88 -0.70	20.66 -0.61 -0.35	17.29 0.19 -0.92
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	25.41 1.25 -5.45	23.82 1.02 -7.34	22.42 0.95 -7.15	21.67 0.96 -6.34	21.25 0.96 -5.80	23.21 0.91 -8.10	24.81 1.09 -6.94	27.24 1.44 -5.45	28.17 1.61 -5.69	28.99 1.63 -6.47	28.39 1.58 -5.95	29.18 1.63 -6.71	29.91 1.63 -7.43	32.36 1.50 -11.39	33.71 1.40 -14.30	33.79 1.63 -11.51	42.43 1.58 -21.34	42.20 1.67 -19.61	35.80 1.80 -10.58	32.71 1.55 -10.22	28.68 1.80 -2.16	26.34 1.52 -4.30	24.62 1.55 -2.16	22.93 1.07 -5.69
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	24.98 0.99 -5.29	23.39 0.80 -7.12	22.03 0.76 -6.94	21.30 0.78 -6.15	20.89 0.77 -5.63	22.79 0.72 -7.86	24.36 0.84 -6.74	26.71 1.08 -5.29	27.61 1.21 -5.52	28.04 1.21 -5.93	27.82 1.19 -5.78	28.59 1.23 -6.51	29.35 1.29 -7.21	31.72 1.19 -11.06	32.92 1.10 -13.81	33.02 1.30 -11.07	41.25 1.27 -20.48	41.14 1.36 -18.86	35.09 1.50 -10.17	32.02 1.26 -9.83	28.27 1.46 -2.10	25.91 1.21 -4.17	24.24 1.23 -2.09	22.55 0.86 -5.52
E179THST_138_KV_TB4_REV_LBMP_J 345001	25.64 1.48 -5.46	24.01 1.21 -7.34	22.60 1.12 -7.15	21.84 1.12 -6.34	21.42 1.12 -5.81	23.34 1.04 -8.10	24.91 1.19 -6.94	27.43 1.63 -5.46	28.30 1.73 -5.70	29.12 1.75 -6.48	28.50 1.69 -5.96	29.32 1.75 -6.71	30.02 1.73 -7.44	32.49 1.62 -11.40	33.79 1.48 -14.31	33.90 1.73 -11.51	42.53 1.68 -21.34	42.33 1.80 -19.62	35.94 1.94 -10.58	32.80 1.63 -10.23	28.83 1.95 -2.16	26.50 1.66 -4.30	24.84 1.76 -2.17	23.14 1.28 -5.70
E179THST_13_KV_LOAD 356214	25.75 1.59 -5.46	24.09 1.28 -7.34	22.68 1.19 -7.15	21.91 1.19 -6.34	21.49 1.19 -5.81	23.42 1.12 -8.10	25.01 1.29 -6.94	27.55 1.75 -5.46	28.43 1.86 -5.70	29.25 1.88 -6.48	28.65 1.83 -5.96	29.44 1.88 -6.71	30.17 1.88 -7.44	32.60 1.73 -11.40	33.90 1.58 -14.31	34.02 1.86 -11.51	42.67 1.81 -21.34	42.48 1.94 -19.62	36.10 2.11 -10.58	32.95 1.78 -10.23	28.98 2.10 -2.16	26.62 1.79 -4.30	24.96 1.88 -2.17	23.22 1.36 -5.70
EAST HAMPTON___GT 23717	37.22 3.24 -15.28	33.69 2.64 -15.58	30.63 2.48 -13.82	26.59 2.46 -9.76	27.60 2.46 -10.64	30.64 2.39 -14.06	32.21 2.89 -12.54	34.10 3.62 -10.14	35.25 3.90 -10.48	40.97 3.97 -16.11	39.86 3.82 -15.20	47.06 3.88 -22.33	43.99 3.80 -19.35	47.65 3.50 -24.68	47.02 3.26 -25.75	49.99 3.76 -25.58	69.50 3.57 -46.42	73.55 3.85 -48.78	45.14 4.29 -17.44	44.33 3.77 -19.62	50.81 4.45 -21.64	38.22 3.72 -13.97	32.68 3.72 -8.05	34.47 2.83 -15.47
EAST RIVER___6 23660	25.54 1.38 -5.45	23.90 1.10 -7.34	22.48 1.00 -7.15	21.73 1.02 -6.34	21.31 1.01 -5.80	23.23 0.92 -8.10	24.86 1.14 -6.94	27.38 1.59 -5.45	28.36 1.80 -5.69	29.20 1.84 -6.47	28.53 1.73 -5.95	29.33 1.77 -6.71	30.14 1.77 -7.52	32.62 1.62 -11.53	33.97 1.49 -14.47	34.03 1.74 -11.64	42.83 1.74 -21.58	42.58 1.82 -19.84	35.92 1.92 -10.58	32.84 1.68 -10.22	28.86 1.95 -2.19	26.58 1.70 -4.35	24.81 1.72 -2.18	23.09 1.16 -5.76

EAST RIVER___7 23524	25.54 1.38 -5.45	23.90 1.10 -7.34	22.48 1.00 -7.15	21.73 1.02 -6.34	21.31 1.01 -5.80	23.23 0.92 -8.10	24.86 1.14 -6.94	27.38 1.59 -5.45	28.36 1.80 -5.69	29.20 1.84 -6.47	28.53 1.73 -5.95	29.33 1.77 -6.71	30.14 1.77 -7.52	32.62 1.62 -11.53	33.97 1.49 -14.47	34.03 1.74 -11.64	42.83 1.74 -21.58	42.58 1.82 -19.84	35.92 1.92 -10.58	32.84 1.68 -10.22	28.86 1.95 -2.19	26.58 1.70 -4.35	24.81 1.72 -2.18	23.09 1.16 -5.76
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	25.33 1.20 -5.43	23.74 0.97 -7.30	22.37 0.92 -7.12	21.62 0.93 -6.31	21.20 0.93 -5.78	23.15 0.88 -8.07	24.73 1.04 -6.91	27.15 1.38 -5.43	28.08 1.54 -5.67	28.92 1.57 -6.46	28.30 1.52 -5.93	29.09 1.56 -6.68	29.81 1.56 -7.40	32.24 1.42 -11.35	33.58 1.33 -14.24	33.66 1.55 -11.46	42.26 1.50 -21.24	42.03 1.59 -19.53	35.67 1.71 -10.55	32.62 1.49 -10.20	28.58 1.71 -2.15	26.24 1.44 -4.28	24.55 1.48 -2.15	22.85 1.02 -5.67
EAST_HAMPTON___DIESEL 23722	37.24 3.25 -15.28	33.69 2.64 -15.58	30.63 2.48 -13.82	26.59 2.46 -9.76	27.60 2.46 -10.64	30.66 2.40 -14.06	32.21 2.89 -12.54	34.10 3.62 -10.14	35.27 3.92 -10.48	40.99 3.99 -16.11	39.86 3.82 -15.20	47.08 3.90 -22.33	44.01 3.82 -19.35	47.67 3.53 -24.68	47.02 3.26 -25.75	49.99 3.76 -25.58	69.52 3.59 -46.42	73.54 3.85 -48.78	45.14 4.29 -17.44	44.35 3.79 -19.62	50.81 4.45 -21.64	38.22 3.72 -13.97	32.68 3.72 -8.05	34.47 2.83 -15.47
EAST_PULASKI___ESR 323781	19.10 0.00 -0.40	16.00 0.00 -0.53	14.84 -0.01 -0.52	14.80 -0.03 -0.46	14.87 -0.04 -0.42	14.77 -0.01 -0.59	17.28 0.00 -0.50	20.62 -0.12 -0.40	21.14 -0.15 -0.41	21.21 -0.13 -0.45	21.07 -0.21 -0.43	21.13 -0.21 -0.49	21.16 -0.23 -0.54	20.04 -0.25 -0.83	18.79 -0.23 -1.01	21.20 -0.25 -0.80	20.72 -0.25 -1.47	22.11 -0.17 -1.36	24.08 -0.09 -0.76	21.58 -0.08 -0.73	24.85 -0.02 -0.16	20.74 -0.10 -0.31	20.92 -0.15 -0.16	16.61 0.03 -0.41
EAST_RIVER___1 323558	25.50 1.35 -5.45	23.88 1.08 -7.34	22.48 1.00 -7.15	21.72 1.01 -6.34	21.30 1.00 -5.80	23.25 0.95 -8.10	24.86 1.14 -6.94	27.36 1.57 -5.45	28.32 1.75 -5.69	29.16 1.80 -6.47	28.53 1.73 -5.95	29.33 1.77 -6.71	30.12 1.75 -7.52	32.60 1.60 -11.53	33.96 1.48 -14.47	33.99 1.69 -11.64	42.77 1.68 -21.58	42.53 1.78 -19.84	35.87 1.87 -10.58	32.79 1.63 -10.22	28.81 1.90 -2.19	26.54 1.66 -4.35	24.77 1.67 -2.18	23.08 1.15 -5.76
EAST_RIVER___2 323559	25.54 1.38 -5.45	23.90 1.10 -7.34	22.48 1.00 -7.15	21.73 1.02 -6.34	21.31 1.01 -5.80	23.23 0.92 -8.10	24.86 1.14 -6.94	27.38 1.59 -5.45	28.36 1.80 -5.69	29.20 1.84 -6.47	28.53 1.73 -5.95	29.33 1.77 -6.71	30.14 1.77 -7.52	32.62 1.62 -11.53	33.97 1.49 -14.47	34.03 1.74 -11.64	42.83 1.74 -21.58	42.58 1.82 -19.84	35.92 1.92 -10.58	32.84 1.68 -10.22	28.86 1.95 -2.19	26.58 1.70 -4.35	24.81 1.72 -2.18	23.09 1.16 -5.76
EAST___DELAWARE_HYD 23607	24.32 0.84 -4.78	22.55 0.65 -6.43	21.22 0.62 -6.27	20.55 0.62 -5.56	20.18 0.59 -5.09	21.87 0.57 -7.11	23.54 0.67 -6.09	26.00 0.87 -4.78	26.84 0.98 -4.99	27.25 0.98 -5.38	26.97 0.90 -5.22	27.67 0.94 -5.88	28.39 1.02 -6.52	30.47 0.99 -10.01	31.40 0.95 -12.44	31.69 1.11 -9.93	38.94 1.11 -18.32	39.04 1.21 -16.92	33.98 1.38 -9.18	30.94 1.13 -8.87	27.93 1.31 -1.90	25.39 1.09 -3.78	23.85 1.05 -1.90	21.90 0.73 -5.00
EIGHT_POINT___WT_PWR 323820	19.87 0.11 -1.06	16.96 0.08 -1.42	15.76 0.04 -1.39	15.69 0.09 -1.23	15.66 0.04 -1.12	15.83 0.06 -1.57	18.06 -0.07 -1.35	27.02 -0.41 -7.08	28.23 -0.48 -7.84	27.68 -0.63 -7.41	28.44 -0.61 -8.20	27.03 -0.71 -6.89	28.58 -0.81 -8.54	26.00 -0.74 -7.27	20.04 -0.68 -2.71	22.19 -0.60 -2.14	26.30 -0.66 -7.46	24.74 -0.61 -4.43	31.80 -0.45 -8.82	22.45 -0.44 -1.96	24.92 -0.22 -0.42	21.30 -0.06 -0.83	21.06 -0.27 -0.42	17.56 0.29 -1.10
ELBRIDGE_115KV_TB2 80188	19.40 0.13 -0.57	16.35 0.12 -0.77	15.16 0.09 -0.75	15.14 0.10 -0.66	15.19 0.09 -0.61	15.15 0.10 -0.85	17.62 0.12 -0.73	20.93 0.02 -0.57	21.49 0.02 -0.59	21.58 0.04 -0.64	21.47 0.00 -0.62	21.55 0.00 -0.70	21.60 -0.02 -0.77	20.64 -0.02 -1.19	19.47 0.00 -1.46	21.87 0.06 -1.15	21.64 0.02 -2.11	22.94 0.06 -1.96	24.65 0.14 -1.09	22.08 0.08 -1.06	25.09 0.15 -0.23	21.00 0.02 -0.45	21.16 0.02 -0.23	16.94 0.18 -0.59
ELEC_TRO_TEK 24086	35.46 1.53 -15.23	32.30 1.25 -15.58	29.32 1.18 -13.82	25.32 1.19 -9.76	26.32 1.19 -10.64	29.40 1.14 -14.06	30.67 1.34 -12.54	32.21 1.73 -10.14	33.24 1.90 -10.47	34.22 1.90 -11.42	31.86 1.79 -9.22	34.01 1.86 -11.30	33.83 1.86 -11.12	35.90 1.69 -14.73	45.14 1.57 -25.57	47.93 1.84 -25.44	46.09 1.78 -24.80	43.56 1.88 -20.77	40.62 2.04 -15.16	37.28 1.80 -14.54	33.20 2.08 -6.40	34.30 1.77 -12.00	30.77 1.84 -8.02	29.65 1.33 -12.16
ELLENBURG_WT_PWR 323604	17.86 -0.84 0.00	14.75 -0.71 0.00	13.70 -0.63 0.00	13.70 -0.68 0.00	13.95 -0.55 0.00	13.58 -0.62 0.00	16.26 -0.52 0.00	20.02 -0.33 0.00	20.27 -0.61 0.00	20.31 -0.58 0.00	20.22 -0.62 0.00	20.47 -0.37 0.00	20.37 -0.48 0.00	18.83 -0.64 0.00	17.29 -0.72 0.00	19.60 -1.05 0.00	18.63 -0.88 0.00	19.93 -0.98 0.00	22.27 -1.15 0.00	20.04 -0.90 0.00	23.51 -1.21 0.00	19.48 -1.05 0.00	19.91 -1.00 0.00	15.26 -0.91 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	19.19 -0.36 -0.84	16.30 -0.29 -1.13	15.16 -0.27 -1.10	15.12 -0.23 -0.98	15.15 -0.25 -0.90	15.21 -0.24 -1.25	17.20 -0.65 -1.07	18.04 -1.24 1.06	18.33 -1.29 1.25	18.56 -1.32 1.01	18.23 -1.31 1.31	18.80 -1.31 0.73	18.45 -1.29 1.11	18.50 -1.13 -0.16	19.11 -1.06 -2.16	21.30 -1.05 -1.70	20.41 -1.11 -2.01	22.35 -1.21 -2.65	21.78 -1.10 0.54	21.41 -1.09 -1.56	24.11 -0.94 -0.33	20.12 -1.07 -0.66	20.49 -0.75 -0.33	17.18 0.13 -0.88
EMPIRE_CC_1 323656	26.07 0.58 -6.79	25.08 0.48 -9.14	23.68 0.44 -8.91	22.72 0.45 -7.90	22.17 0.45 -7.23	24.75 0.45 -10.10	25.95 0.52 -8.65	27.68 0.55 -6.79	28.59 0.63 -7.09	29.26 0.61 -7.76	28.92 0.65 -7.42	29.83 0.62 -8.36	30.56 0.61 -9.10	34.20 0.57 -14.17	35.28 0.52 -16.75	34.01 0.62 -12.74	42.95 0.53 -22.91	43.19 0.58 -21.69	37.09 0.68 -12.99	34.12 0.63 -12.56	28.20 0.79 -2.68	26.53 0.66 -5.34	24.25 0.65 -2.68	23.71 0.47 -7.08
EMPIRE_CC_2 323658	26.07 0.58 -6.79	25.08 0.48 -9.14	23.68 0.44 -8.91	22.72 0.45 -7.90	22.17 0.45 -7.23	24.75 0.45 -10.10	25.95 0.52 -8.65	27.68 0.55 -6.79	28.59 0.63 -7.09	29.26 0.61 -7.76	28.92 0.65 -7.42	29.83 0.62 -8.36	30.56 0.61 -9.10	34.20 0.57 -14.17	35.28 0.52 -16.75	34.01 0.62 -12.74	42.95 0.53 -22.91	43.19 0.58 -21.69	37.09 0.68 -12.99	34.12 0.63 -12.56	28.20 0.79 -2.68	26.53 0.66 -5.34	24.25 0.65 -2.68	23.71 0.47 -7.08
ENORWICH_115KV_TB1 80156	21.53 1.31 -1.51	18.58 1.08 -2.04	17.34 1.02 -1.99	17.08 0.95 -1.76	17.01 0.90 -1.61	17.43 0.98 -2.25	19.94 1.22 -1.93	23.57 1.40 -1.82	24.15 1.36 -1.92	24.11 1.19 -2.03	24.03 1.17 -2.01	24.02 1.02 -2.15	24.26 1.00 -2.41	23.67 0.78 -3.42	22.58 0.68 -3.89	24.61 0.89 -3.07	26.07 0.76 -5.80	27.26 1.09 -5.26	28.19 1.52 -3.25	25.08 1.34 -2.81	27.05 1.73 -0.60	22.89 1.17 -1.19	22.54 1.02 -0.60	18.77 1.02 -1.58

ERIE_ST__34_KV_TB1-2 80199	19.07 -0.50 -0.87	16.22 -0.42 -1.18	15.08 -0.40 -1.15	15.02 -0.37 -1.02	15.03 -0.39 -0.93	15.14 -0.36 -1.30	17.12 -0.77 -1.11	18.57 -1.06 0.71	19.05 -0.96 0.86	18.85 -1.38 0.66	19.01 -0.94 0.90	19.13 -1.31 0.41	18.86 -1.29 0.70	18.84 -1.11 -0.48	19.20 -1.04 -2.24	21.39 -1.03 -1.77	20.72 -1.09 -2.31	22.50 -1.21 -2.80	22.19 -1.10 0.13	21.45 -1.11 -1.62	24.05 -1.01 -0.35	20.09 -1.13 -0.69	20.38 -0.88 -0.35	17.05 -0.03 -0.91
ERIE_WT_PWR 323693	19.25 -0.32 -0.86	16.35 -0.28 -1.16	15.19 -0.27 -1.13	15.17 -0.20 -1.00	15.17 -0.25 -0.92	15.25 -0.23 -1.28	17.26 -0.62 -1.10	18.22 -1.18 0.94	18.52 -1.23 1.12	18.68 -1.32 0.89	18.43 -1.25 1.17	18.95 -1.27 0.62	18.63 -1.25 0.97	18.66 -1.09 -0.28	19.21 -1.01 -2.21	21.43 -0.97 -1.75	20.60 -1.05 -2.14	22.50 -1.15 -2.74	21.95 -1.08 0.39	21.49 -1.05 -1.60	24.20 -0.87 -0.34	20.70 -0.51 -0.68	20.54 -0.71 -0.34	17.21 0.15 -0.90
ESPRGFLD_115KV_TB1 80157	18.36 1.22 1.55	14.39 1.02 2.09	13.23 0.93 2.04	13.46 0.89 1.81	13.73 0.88 1.65	12.83 0.94 2.31	15.91 1.11 1.98	20.11 1.32 1.55	20.63 1.38 1.62	20.50 1.34 1.73	20.45 1.29 1.70	20.19 1.25 1.91	19.95 1.23 2.13	17.33 1.11 3.25	14.77 0.92 4.15	18.35 1.09 3.40	14.17 1.01 6.36	16.29 1.17 5.79	21.88 1.45 2.99	19.33 1.28 2.89	25.71 1.61 0.62	20.56 1.25 1.22	21.51 1.21 0.61	15.53 0.99 1.62
ETNA_115_KV_TB1_REV_LBMP_C 345029	20.38 0.54 -1.13	17.44 0.45 -1.52	16.22 0.40 -1.49	16.09 0.40 -1.32	16.08 0.38 -1.21	16.28 0.40 -1.68	18.73 0.50 -1.44	22.49 0.49 -1.66	23.10 0.46 -1.77	23.11 0.40 -1.82	23.10 0.40 -1.85	23.08 0.35 -1.88	23.34 0.33 -2.15	22.55 0.27 -2.81	21.17 0.25 -2.91	23.32 0.37 -2.29	24.36 0.33 -4.51	25.35 0.46 -3.97	26.84 0.66 -2.76	23.58 0.54 -2.10	25.89 0.72 -0.45	21.85 0.43 -0.89	21.78 0.42 -0.45	17.85 0.50 -1.18
ETNA____115KV_TB2 80207	20.38 0.54 -1.13	17.44 0.45 -1.52	16.22 0.40 -1.49	16.09 0.40 -1.32	16.08 0.38 -1.21	16.28 0.40 -1.68	18.73 0.50 -1.44	22.49 0.49 -1.66	23.10 0.46 -1.77	23.11 0.40 -1.82	23.10 0.40 -1.85	23.08 0.35 -1.88	23.34 0.33 -2.15	22.55 0.27 -2.81	21.17 0.25 -2.91	23.32 0.37 -2.29	24.36 0.33 -4.51	25.35 0.46 -3.97	26.84 0.66 -2.76	23.58 0.54 -2.10	25.89 0.72 -0.45	21.85 0.43 -0.89	21.78 0.42 -0.45	17.85 0.50 -1.18
EUCLID__115KV_TB2 356179	19.12 -0.04 -0.45	16.04 -0.03 -0.61	14.87 -0.06 -0.59	14.86 -0.04 -0.53	14.92 -0.06 -0.48	14.83 -0.04 -0.67	17.29 -0.07 -0.58	20.59 -0.20 -0.45	21.13 -0.21 -0.47	21.24 -0.17 -0.51	21.16 -0.19 -0.49	21.24 -0.17 -0.56	21.30 -0.17 -0.61	20.24 -0.18 -0.94	19.00 -0.16 -1.16	21.44 -0.12 -0.91	21.03 -0.16 -1.68	22.35 -0.13 -1.56	24.19 -0.09 -0.87	21.65 -0.13 -0.84	24.80 -0.10 -0.18	20.70 -0.18 -0.36	20.92 -0.17 -0.18	16.67 0.03 -0.47
E_CANADA_CAP_HY 24051	29.17 1.51 -8.95	28.80 1.28 -12.05	27.23 1.16 -11.74	25.95 1.16 -10.41	25.19 1.16 -9.53	28.71 1.19 -13.31	29.58 1.39 -11.40	30.90 1.61 -8.95	31.87 1.65 -9.35	32.70 1.63 -10.18	32.18 1.54 -9.78	33.37 1.50 -11.02	34.43 1.48 -12.10	39.56 1.38 -18.70	41.81 1.08 -22.73	39.71 1.30 -17.75	53.12 1.21 -32.40	52.56 1.40 -30.24	42.25 1.69 -17.15	39.02 1.51 -16.58	30.22 1.95 -3.54	29.26 1.68 -7.05	26.07 1.61 -3.54	26.74 1.23 -9.34
E_CANADA_MHWK_HY 24050	18.53 -0.17 0.00	15.32 -0.14 0.00	14.23 -0.10 0.00	14.26 -0.12 0.00	14.41 -0.09 0.00	14.17 -0.03 0.00	16.76 -0.02 0.00	20.28 -0.06 0.00	20.81 -0.06 0.00	20.79 -0.10 0.00	20.72 -0.12 0.00	20.70 -0.14 0.00	20.68 -0.17 0.00	19.20 -0.27 0.00	17.72 -0.29 0.00	20.30 -0.35 0.00	19.16 -0.35 0.00	20.56 -0.36 0.00	23.09 -0.33 0.00	20.64 -0.29 0.00	24.42 -0.30 0.00	20.32 -0.21 0.00	20.68 -0.23 0.00	16.04 -0.13 0.00
E_FISHKILL__LBMP 23776	25.38 1.01 -5.67	23.93 0.84 -7.63	22.55 0.79 -7.43	21.76 0.79 -6.59	21.33 0.80 -6.03	23.38 0.75 -8.43	24.89 0.89 -7.22	27.13 1.12 -5.67	28.04 1.25 -5.92	28.67 1.25 -6.52	28.29 1.25 -6.19	29.10 1.27 -6.98	29.90 1.31 -7.73	32.53 1.21 -11.85	34.01 1.12 -14.88	33.96 1.32 -11.98	43.00 1.27 -22.22	42.68 1.34 -20.42	35.74 1.45 -10.86	32.70 1.26 -10.50	28.42 1.46 -2.25	26.23 1.23 -4.47	24.43 1.28 -2.25	22.98 0.89 -5.92
FALCON__SEABRD_CC1 323796	18.03 -0.67 0.00	14.88 -0.59 0.00	13.82 -0.52 0.00	13.80 -0.58 0.00	14.06 -0.43 0.00	13.69 -0.51 0.00	16.41 -0.37 0.00	20.20 -0.14 0.00	20.35 -0.52 0.00	20.37 -0.52 0.00	20.29 -0.56 0.00	20.66 -0.19 0.00	20.58 -0.27 0.00	19.02 -0.45 0.00	17.45 -0.56 0.00	19.79 -0.87 0.00	18.81 -0.70 0.00	20.14 -0.77 0.00	22.51 -0.91 0.00	20.22 -0.71 0.00	23.73 -0.99 0.00	19.65 -0.88 0.00	20.08 -0.84 0.00	15.38 -0.79 0.00
FALCON__SEABRD_CC2 323797	18.03 -0.67 0.00	14.88 -0.59 0.00	13.82 -0.52 0.00	13.80 -0.58 0.00	14.06 -0.43 0.00	13.69 -0.51 0.00	16.41 -0.37 0.00	20.20 -0.14 0.00	20.35 -0.52 0.00	20.37 -0.52 0.00	20.29 -0.56 0.00	20.66 -0.19 0.00	20.58 -0.27 0.00	19.02 -0.45 0.00	17.45 -0.56 0.00	19.79 -0.87 0.00	18.81 -0.70 0.00	20.14 -0.77 0.00	22.51 -0.91 0.00	20.22 -0.71 0.00	23.73 -0.99 0.00	19.65 -0.88 0.00	20.08 -0.84 0.00	15.38 -0.79 0.00
FAR ROCKAWAY__4 23548	35.80 1.87 -15.23	32.56 1.52 -15.58	29.57 1.42 -13.82	25.55 1.42 -9.76	26.55 1.42 -10.64	29.62 1.36 -14.06	30.90 1.58 -12.54	32.43 1.95 -10.14	33.45 2.11 -10.47	34.45 2.13 -11.42	32.17 2.11 -9.22	34.34 2.19 -11.30	34.18 2.21 -11.12	36.25 2.04 -14.73	45.50 1.93 -25.57	48.34 2.25 -25.44	46.48 2.17 -24.80	43.98 2.30 -20.77	41.11 2.53 -15.16	37.67 2.20 -14.54	33.67 2.55 -6.40	34.63 2.09 -12.00	31.04 2.11 -8.02	29.84 1.52 -12.15
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	25.50 1.35 -5.45	23.90 1.10 -7.34	22.50 1.02 -7.15	21.73 1.02 -6.34	21.31 1.01 -5.80	23.27 0.97 -8.10	24.90 1.17 -6.94	27.38 1.59 -5.45	28.34 1.77 -5.69	29.18 1.82 -6.47	28.55 1.75 -5.95	29.35 1.79 -6.71	30.05 1.77 -7.43	32.48 1.62 -11.39	33.80 1.49 -14.30	33.90 1.73 -11.51	42.54 1.70 -21.33	42.32 1.80 -19.61	35.89 1.90 -10.58	32.81 1.65 -10.22	28.81 1.93 -2.16	26.47 1.64 -4.30	24.77 1.69 -2.16	23.02 1.16 -5.69
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	25.52 1.37 -5.45	23.90 1.10 -7.34	22.50 1.02 -7.15	21.73 1.02 -6.34	21.31 1.01 -5.80	23.27 0.97 -8.10	24.90 1.17 -6.94	27.38 1.59 -5.45	28.34 1.77 -5.69	29.18 1.82 -6.47	28.55 1.75 -5.95	29.35 1.79 -6.71	30.05 1.77 -7.43	32.48 1.62 -11.39	33.80 1.49 -14.30	33.90 1.73 -11.51	42.54 1.70 -21.33	42.32 1.80 -19.61	35.89 1.90 -10.58	32.83 1.67 -10.22	28.81 1.93 -2.16	26.47 1.64 -4.30	24.79 1.71 -2.16	23.02 1.16 -5.69
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	25.50 1.35 -5.45	23.88 1.08 -7.34	22.48 1.00 -7.15	21.72 1.01 -6.34	21.30 1.00 -5.80	23.25 0.95 -8.10	24.88 1.16 -6.94	27.38 1.59 -5.45	28.32 1.75 -5.69	29.16 1.80 -6.47	28.53 1.73 -5.95	29.33 1.77 -6.71	30.03 1.75 -7.43	32.48 1.62 -11.39	33.78 1.48 -14.30	33.87 1.71 -11.51	42.52 1.68 -21.33	42.30 1.78 -19.61	35.87 1.87 -10.58	32.79 1.63 -10.22	28.78 1.90 -2.16	26.45 1.62 -4.30	24.74 1.67 -2.16	23.01 1.15 -5.69

FARRAGUT___LBMP 323566	25.48 1.33 -5.45	23.87 1.07 -7.34	22.47 0.99 -7.15	21.70 0.99 -6.34	21.30 1.00 -5.80	23.24 0.94 -8.10	24.86 1.14 -6.94	27.34 1.55 -5.45	28.30 1.73 -5.69	29.14 1.78 -6.47	28.51 1.71 -5.95	29.31 1.75 -6.71	30.01 1.73 -7.43	32.46 1.60 -11.39	33.76 1.46 -14.30	33.85 1.69 -11.51	42.50 1.66 -21.33	42.28 1.76 -19.61	35.84 1.85 -10.58	32.79 1.63 -10.22	28.76 1.88 -2.16	26.43 1.60 -4.30	24.74 1.67 -2.16	22.99 1.13 -5.69
FENNER___WINDPWR 24204	19.76 0.43 -0.62	16.64 0.34 -0.84	15.47 0.31 -0.82	15.39 0.29 -0.73	15.42 0.26 -0.66	15.43 0.30 -0.93	17.96 0.39 -0.79	21.40 0.43 -0.62	21.98 0.46 -0.65	22.02 0.42 -0.71	21.93 0.40 -0.68	21.99 0.38 -0.77	22.05 0.35 -0.85	21.05 0.27 -1.31	19.84 0.23 -1.60	22.21 0.29 -1.26	22.08 0.25 -2.32	23.44 0.38 -2.15	25.13 0.51 -1.20	22.53 0.44 -1.16	25.54 0.57 -0.25	21.43 0.41 -0.49	21.45 0.29 -0.25	17.16 0.34 -0.65
FIBERTEK___ENERGY 23856	19.43 0.19 -0.54	16.34 0.15 -0.72	15.17 0.13 -0.71	15.14 0.14 -0.63	15.19 0.12 -0.57	15.13 0.13 -0.80	17.63 0.17 -0.69	20.96 0.08 -0.54	21.52 0.08 -0.56	21.63 0.13 -0.61	21.56 0.13 -0.59	21.64 0.13 -0.66	21.68 0.10 -0.73	20.65 0.06 -1.13	19.46 0.07 -1.38	21.87 0.12 -1.09	21.61 0.10 -2.00	22.92 0.15 -1.86	24.66 0.21 -1.03	22.08 0.15 -1.00	25.16 0.22 -0.21	21.01 0.06 -0.42	21.19 0.06 -0.21	16.94 0.21 -0.56
FITZPATRICK____ 23598	18.66 -0.36 -0.32	15.60 -0.29 -0.43	14.46 -0.29 -0.41	14.47 -0.27 -0.37	14.54 -0.29 -0.34	14.40 -0.27 -0.47	16.85 -0.34 -0.40	20.15 -0.51 -0.32	20.68 -0.52 -0.33	20.75 -0.50 -0.36	20.67 -0.52 -0.35	20.74 -0.50 -0.39	20.76 -0.52 -0.43	19.65 -0.49 -0.66	18.37 -0.45 -0.81	20.82 -0.47 -0.64	20.22 -0.47 -1.18	21.52 -0.48 -1.09	23.53 -0.49 -0.61	21.06 -0.46 -0.59	24.35 -0.49 -0.13	20.37 -0.41 -0.25	20.56 -0.48 -0.13	16.26 -0.24 -0.33
FLOWRFLD_69_KV_BK1 356044	36.15 2.13 -15.31	32.83 1.78 -15.58	29.81 1.66 -13.82	25.80 1.67 -9.76	26.80 1.67 -10.64	29.86 1.60 -14.06	31.27 1.95 -12.54	32.94 2.46 -10.14	34.04 2.69 -10.48	40.08 2.70 -16.49	38.95 2.34 -15.77	47.72 2.38 -24.49	44.06 2.36 -20.85	50.17 2.22 -28.48	45.61 2.02 -25.59	48.46 2.35 -25.46	76.54 2.26 -54.76	83.07 2.43 -59.73	44.44 2.67 -18.35	43.88 2.34 -20.60	52.08 2.79 -24.56	37.25 2.44 -14.28	31.57 2.64 -8.02	34.85 1.97 -16.71
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	25.42 1.18 -5.54	23.86 0.94 -7.46	22.49 0.89 -7.26	21.72 0.91 -6.44	21.29 0.90 -5.90	23.29 0.85 -8.24	24.84 1.01 -7.06	27.12 1.24 -5.54	28.06 1.40 -5.78	28.60 1.40 -6.31	28.28 1.38 -6.05	29.08 1.42 -6.82	29.92 1.52 -7.55	32.45 1.40 -11.58	33.78 1.31 -14.46	33.79 1.55 -11.59	42.44 1.50 -21.43	42.27 1.61 -19.75	35.83 1.78 -10.63	32.70 1.49 -10.27	28.65 1.73 -2.19	26.33 1.44 -4.37	24.55 1.44 -2.19	22.97 1.02 -5.78
FORT ORANGE____ 23900	26.36 0.62 -7.04	25.45 0.51 -9.48	24.02 0.46 -9.23	23.02 0.46 -8.19	22.46 0.46 -7.49	25.14 0.47 -10.47	26.27 0.52 -8.97	27.99 0.61 -7.04	28.87 0.65 -7.35	29.59 0.67 -8.03	29.21 0.67 -7.69	30.16 0.65 -8.67	30.99 0.65 -9.49	34.77 0.60 -14.70	36.28 0.56 -17.71	35.02 0.64 -13.73	45.06 0.61 -24.95	44.96 0.67 -23.38	37.69 0.80 -13.48	34.68 0.71 -13.03	28.39 0.89 -2.78	26.77 0.70 -5.54	24.39 0.69 -2.78	23.98 0.47 -7.34
FORT_DRUM_COGEN 23780	19.03 0.06 -0.27	15.83 0.00 -0.37	14.74 0.04 -0.36	14.65 -0.04 -0.32	14.69 -0.10 -0.29	14.64 0.03 -0.41	17.21 0.08 -0.35	20.64 0.02 -0.27	21.12 -0.04 -0.29	21.12 -0.08 -0.31	20.84 -0.31 -0.30	20.81 -0.38 -0.34	20.83 -0.40 -0.37	19.60 -0.45 -0.57	18.26 -0.45 -0.70	20.65 -0.56 -0.56	20.08 -0.45 -1.02	21.61 -0.25 -0.95	23.90 -0.05 -0.53	21.51 0.06 -0.51	25.00 0.17 -0.11	20.74 0.00 -0.22	20.79 -0.23 -0.11	16.39 -0.06 -0.29
FPL_FAR_ROCK_GT1 24212	35.82 1.89 -15.23	32.56 1.52 -15.58	29.57 1.42 -13.82	25.55 1.42 -9.76	26.55 1.42 -10.64	29.62 1.36 -14.06	30.83 1.51 -12.54	32.43 1.95 -10.14	33.45 2.11 -10.47	34.45 2.13 -11.42	32.17 2.10 -9.22	34.34 2.19 -11.30	34.27 2.21 -11.21	36.39 2.04 -14.87	45.67 1.93 -25.74	48.48 2.25 -25.57	46.73 2.17 -25.05	44.21 2.30 -21.00	41.11 2.53 -15.16	37.65 2.18 -14.54	33.70 2.55 -6.43	34.74 2.15 -12.06	31.07 2.11 -8.05	29.91 1.52 -12.22
FPL_FAR_ROCK_GT2 23815	35.82 1.89 -15.23	32.56 1.52 -15.58	29.57 1.42 -13.82	25.55 1.42 -9.76	26.55 1.42 -10.64	29.62 1.36 -14.06	30.83 1.51 -12.54	32.43 1.95 -10.14	33.45 2.11 -10.47	34.45 2.13 -11.42	32.17 2.10 -9.22	34.34 2.19 -11.30	34.27 2.21 -11.21	36.39 2.04 -14.87	45.67 1.93 -25.74	48.48 2.25 -25.57	46.73 2.17 -25.05	44.21 2.30 -21.00	41.11 2.53 -15.16	37.65 2.18 -14.54	33.70 2.55 -6.43	34.74 2.15 -12.06	31.07 2.11 -8.05	29.91 1.52 -12.22
FRANKLIN_FALL_HYD 24054	17.90 -0.80 0.00	14.77 -0.70 0.00	13.72 -0.62 0.00	13.71 -0.66 0.00	13.93 -0.57 0.00	13.58 -0.62 0.00	16.24 -0.54 0.00	20.00 -0.35 0.00	20.33 -0.54 0.00	20.35 -0.54 0.00	20.31 -0.54 0.00	20.45 -0.40 0.00	20.39 -0.46 0.00	18.89 -0.58 0.00	17.38 -0.63 0.00	19.68 -0.97 0.00	18.73 -0.78 0.00	20.03 -0.88 0.00	22.39 -1.03 0.00	20.12 -0.82 0.00	23.58 -1.14 0.00	19.69 -0.84 0.00	19.93 -0.98 0.00	15.26 -0.91 0.00
FREEPORT_EQUS_GT1 23764	35.69 1.76 -15.23	32.47 1.42 -15.58	29.48 1.33 -13.82	25.48 1.35 -9.76	26.47 1.33 -10.64	29.54 1.28 -14.06	30.83 1.51 -12.54	32.43 1.95 -10.14	33.47 2.13 -10.47	34.45 2.13 -11.42	32.07 2.00 -9.22	34.24 2.08 -11.30	34.15 2.08 -11.21	36.25 1.91 -14.87	45.53 1.78 -25.74	48.31 2.09 -25.57	46.57 2.01 -25.05	44.07 2.15 -21.00	40.95 2.36 -15.16	37.55 2.07 -14.54	33.57 2.42 -6.43	34.66 2.07 -12.06	31.07 2.11 -8.05	29.96 1.54 -12.25
FREEPORT___CT2 23818	35.69 1.76 -15.23	32.47 1.42 -15.58	29.48 1.33 -13.82	25.48 1.35 -9.76	26.47 1.33 -10.64	29.54 1.28 -14.06	30.83 1.51 -12.54	32.43 1.95 -10.14	33.47 2.13 -10.47	34.45 2.13 -11.42	32.07 2.00 -9.22	34.24 2.08 -11.30	34.15 2.08 -11.21	36.25 1.91 -14.87	45.53 1.78 -25.74	48.31 2.09 -25.57	46.57 2.01 -25.05	44.07 2.15 -21.00	40.95 2.36 -15.16	37.55 2.07 -14.54	33.57 2.42 -6.43	34.66 2.07 -12.06	31.07 2.11 -8.05	29.96 1.54 -12.25
FRESHKLS_33_KV_LOAD 356253	25.66 1.50 -5.46	24.03 1.22 -7.34	22.60 1.12 -7.15	21.84 1.12 -6.34	21.43 1.13 -5.80	23.30 0.99 -8.10	24.83 1.11 -6.94	27.37 1.59 -5.44	28.35 1.79 -5.68	30.68 1.86 -7.93	30.39 1.77 -7.77	32.71 1.86 -10.01	32.64 1.88 -9.92	32.59 1.73 -11.38	33.90 1.60 -14.29	34.01 1.86 -11.50	42.69 1.85 -21.33	42.48 1.97 -19.60	36.05 2.06 -10.57	33.56 1.84 -10.78	31.12 2.05 -4.34	31.78 1.79 -9.47	30.66 1.80 -7.95	23.14 1.28 -5.70
FULTON COGEN____ 23766	19.08 -0.06 -0.43	16.00 -0.05 -0.58	14.83 -0.07 -0.57	14.82 -0.06 -0.50	14.88 -0.07 -0.46	14.79 -0.06 -0.64	17.26 -0.07 -0.55	20.57 -0.20 -0.43	21.09 -0.23 -0.45	21.19 -0.19 -0.49	21.11 -0.21 -0.47	21.17 -0.21 -0.53	21.23 -0.21 -0.59	20.16 -0.21 -0.90	18.92 -0.20 -1.11	21.34 -0.19 -0.87	20.92 -0.20 -1.60	22.24 -0.17 -1.49	24.13 -0.12 -0.83	21.59 -0.15 -0.80	24.79 -0.10 -0.17	20.68 -0.18 -0.34	20.90 -0.19 -0.17	16.64 0.02 -0.45

FULTON___LFGE 323630	29.05 1.94 -8.40	28.43 1.66 -11.31	26.82 1.48 -11.02	25.61 1.47 -9.77	24.92 1.48 -8.94	28.22 1.53 -12.49	29.28 1.80 -10.70	30.76 2.01 -8.40	31.67 2.02 -8.77	32.44 1.99 -9.56	32.28 2.25 -9.18	33.42 2.23 -10.34	34.36 2.17 -11.34	38.65 1.64 -17.54	40.67 1.39 -21.28	38.89 1.65 -16.59	51.33 1.58 -30.24	51.01 1.84 -28.26	41.68 2.18 -16.09	38.43 1.95 -15.55	30.64 2.59 -3.32	29.22 2.07 -6.62	26.26 2.03 -3.32	26.45 1.52 -8.76
G.F.CEMENT___DRP 24184	27.58 1.51 -7.36	26.62 1.25 -9.91	25.10 1.12 -9.65	24.05 1.12 -8.56	23.46 1.13 -7.83	26.29 1.15 -10.94	27.50 1.34 -9.37	29.21 1.51 -7.36	30.18 1.63 -7.68	30.97 1.69 -8.39	30.45 1.56 -8.04	31.39 1.48 -9.06	32.15 1.38 -9.93	36.16 1.30 -15.38	37.69 1.19 -18.50	36.30 1.34 -14.30	46.74 1.27 -25.96	46.65 1.38 -24.36	39.14 1.64 -14.08	36.02 1.47 -13.62	29.61 1.98 -2.92	27.81 1.48 -5.80	25.44 1.61 -2.91	25.03 1.18 -7.68
GARDENVILLE___LBMP 24039	19.19 -0.37 -0.86	16.31 -0.31 -1.16	15.17 -0.29 -1.13	15.13 -0.24 -1.00	15.15 -0.26 -0.91	15.24 -0.24 -1.28	17.22 -0.65 -1.09	17.92 -1.18 1.24	18.19 -1.23 1.45	18.37 -1.32 1.20	18.08 -1.25 1.52	18.66 -1.29 0.90	18.25 -1.27 1.32	18.38 -1.11 -0.02	19.15 -1.06 -2.20	21.34 -1.05 -1.74	20.35 -1.11 -1.95	22.39 -1.21 -2.69	21.61 -1.08 0.73	21.46 -1.07 -1.59	24.15 -0.91 -0.34	20.14 -1.07 -0.68	20.50 -0.75 -0.34	17.18 0.11 -0.90
GARDNVLA_35_KV_LD 355827	19.27 -0.30 -0.86	16.36 -0.26 -1.16	15.21 -0.26 -1.13	15.18 -0.20 -1.00	15.18 -0.23 -0.92	15.27 -0.21 -1.28	17.28 -0.60 -1.10	18.35 -1.16 0.83	18.71 -1.17 0.99	18.82 -1.30 0.78	18.62 -1.19 1.04	19.06 -1.27 0.52	18.78 -1.23 0.84	18.77 -1.07 -0.37	19.25 -0.97 -2.22	21.45 -0.95 -1.75	20.70 -1.01 -2.21	22.56 -1.11 -2.75	22.12 -1.03 0.26	21.55 -0.98 -1.60	24.22 -0.84 -0.34	20.22 -0.99 -0.68	20.56 -0.69 -0.34	17.23 0.16 -0.90
GELCKHM___115KV_LOAD 80723	19.22 0.04 -0.48	16.15 0.03 -0.65	14.98 0.01 -0.63	14.97 0.03 -0.56	15.03 0.01 -0.51	14.93 0.01 -0.72	17.43 0.03 -0.62	20.75 -0.08 -0.48	21.29 -0.08 -0.51	21.38 -0.06 -0.55	21.29 -0.08 -0.53	21.38 -0.06 -0.60	21.42 -0.08 -0.66	20.38 -0.10 -1.01	19.18 -0.07 -1.24	21.59 -0.04 -0.98	21.25 -0.06 -1.80	22.54 -0.04 -1.67	24.37 0.02 -0.93	21.81 -0.02 -0.90	24.94 0.02 -0.19	20.83 -0.08 -0.38	21.02 -0.08 -0.19	16.77 0.10 -0.51
GENERAL___MILLS 23808	19.21 -0.36 -0.86	16.33 -0.29 -1.16	15.19 -0.27 -1.13	15.15 -0.23 -1.00	15.17 -0.25 -0.92	15.26 -0.23 -1.28	17.24 -0.64 -1.10	18.24 -1.16 0.94	18.56 -1.19 1.12	18.68 -1.32 0.89	18.47 -1.21 1.17	18.93 -1.29 0.62	18.61 -1.27 0.97	18.64 -1.11 -0.28	19.19 -1.03 -2.21	21.39 -1.01 -1.75	20.58 -1.07 -2.14	22.48 -1.17 -2.74	21.95 -1.08 0.39	21.51 -1.03 -1.60	24.17 -0.89 -0.34	20.18 -1.03 -0.68	20.52 -0.73 -0.34	17.20 0.13 -0.90
GE_PLASTICS___DRP 24183	26.35 0.60 -7.05	25.44 0.49 -9.49	24.02 0.44 -9.24	23.01 0.45 -8.19	22.46 0.46 -7.50	25.13 0.45 -10.48	26.28 0.52 -8.98	28.00 0.61 -7.05	28.88 0.65 -7.36	29.60 0.67 -8.04	29.22 0.67 -7.70	30.17 0.65 -8.67	31.02 0.65 -9.52	34.81 0.60 -14.73	36.38 0.56 -17.82	35.15 0.64 -13.86	45.34 0.60 -25.22	45.16 0.65 -23.60	37.68 0.77 -13.49	34.64 0.67 -13.04	28.35 0.84 -2.79	26.74 0.66 -5.56	24.37 0.67 -2.79	24.00 0.47 -7.36
GILBOA___1 23756	24.75 0.64 -5.42	23.28 0.53 -7.29	21.92 0.49 -7.10	21.17 0.50 -6.30	20.75 0.49 -5.76	22.74 0.48 -8.05	24.23 0.55 -6.90	26.41 0.65 -5.42	27.26 0.73 -5.66	27.79 0.73 -6.17	27.50 0.73 -5.92	28.24 0.73 -6.67	28.91 0.73 -7.34	31.46 0.68 -11.31	32.52 0.63 -13.88	32.34 0.74 -10.95	40.26 0.66 -20.08	40.28 0.71 -18.65	34.65 0.87 -10.37	31.71 0.75 -10.02	27.78 0.92 -2.14	25.55 0.76 -4.26	23.81 0.75 -2.14	22.37 0.55 -5.65
GILBOA___2 23757	24.75 0.64 -5.42	23.28 0.53 -7.29	21.92 0.49 -7.10	21.17 0.50 -6.30	20.75 0.49 -5.76	22.74 0.48 -8.05	24.23 0.55 -6.90	26.41 0.65 -5.42	27.26 0.73 -5.66	27.79 0.73 -6.17	27.50 0.73 -5.92	28.24 0.73 -6.67	28.91 0.73 -7.34	31.46 0.68 -11.31	32.52 0.63 -13.88	32.34 0.74 -10.95	40.26 0.66 -20.08	40.28 0.71 -18.65	34.65 0.87 -10.37	31.71 0.75 -10.02	27.78 0.92 -2.14	25.55 0.76 -4.26	23.81 0.75 -2.14	22.37 0.55 -5.65
GILBOA___3 23758	24.75 0.64 -5.42	23.28 0.53 -7.29	21.92 0.49 -7.10	21.17 0.50 -6.30	20.75 0.49 -5.76	22.74 0.48 -8.05	24.23 0.55 -6.90	26.41 0.65 -5.42	27.26 0.73 -5.66	27.79 0.73 -6.17	27.50 0.73 -5.92	28.24 0.73 -6.67	28.91 0.73 -7.34	31.46 0.68 -11.31	32.52 0.63 -13.88	32.34 0.74 -10.95	40.26 0.66 -20.08	40.28 0.71 -18.65	34.65 0.87 -10.37	31.71 0.75 -10.02	27.78 0.92 -2.14	25.55 0.76 -4.26	23.81 0.75 -2.14	22.37 0.55 -5.65
GILBOA___4 23759	24.75 0.64 -5.42	23.28 0.53 -7.29	21.92 0.49 -7.10	21.17 0.50 -6.30	20.75 0.49 -5.76	22.74 0.48 -8.05	24.23 0.55 -6.90	26.41 0.65 -5.42	27.26 0.73 -5.66	27.79 0.73 -6.17	27.50 0.73 -5.92	28.24 0.73 -6.67	28.91 0.73 -7.34	31.46 0.68 -11.31	32.52 0.63 -13.88	32.34 0.74 -10.95	40.26 0.66 -20.08	40.28 0.71 -18.65	34.65 0.87 -10.37	31.71 0.75 -10.02	27.78 0.92 -2.14	25.55 0.76 -4.26	23.81 0.75 -2.14	22.37 0.55 -5.65
GILBOA___ 23599	24.75 0.64 -5.42	23.28 0.53 -7.29	21.92 0.49 -7.10	21.17 0.50 -6.30	20.75 0.49 -5.76	22.74 0.48 -8.05	24.23 0.55 -6.90	26.41 0.65 -5.42	27.26 0.73 -5.66	27.79 0.73 -6.17	27.50 0.73 -5.92	28.24 0.73 -6.67	28.92 0.73 -7.34	31.47 0.68 -11.32	32.54 0.63 -13.90	32.36 0.74 -10.96	40.28 0.66 -20.11	40.30 0.71 -18.68	34.65 0.87 -10.37	31.71 0.75 -10.02	27.78 0.91 -2.15	25.52 0.72 -4.27	23.81 0.75 -2.14	22.37 0.55 -5.65
GINNA___ 23603	18.63 -0.69 -0.61	15.69 -0.60 -0.83	14.54 -0.60 -0.81	14.51 -0.58 -0.71	14.54 -0.61 -0.65	14.53 -0.58 -0.91	16.78 -0.79 -0.78	19.64 -1.32 -0.61	20.09 -1.42 -0.64	20.36 -1.23 -0.70	20.21 -1.31 -0.67	20.33 -1.27 -0.76	20.43 -1.25 -0.83	19.57 -1.19 -1.29	18.52 -1.06 -1.58	20.82 -1.07 -1.25	20.66 -1.13 -2.28	21.86 -1.17 -2.12	23.43 -1.17 -1.18	21.03 -1.05 -1.14	23.85 -1.11 -0.24	20.11 -0.90 -0.49	20.07 -1.09 -0.24	16.33 -0.48 -0.64
GLEN PARK___ 23778	19.21 0.23 -0.28	15.98 0.14 -0.38	14.88 0.17 -0.37	14.78 0.07 -0.33	14.80 0.00 -0.30	14.77 0.14 -0.42	17.34 0.20 -0.36	20.77 0.14 -0.28	21.25 0.08 -0.30	21.28 0.06 -0.32	20.97 -0.19 -0.31	20.95 -0.25 -0.35	20.96 -0.27 -0.39	19.71 -0.35 -0.59	18.38 -0.36 -0.73	20.79 -0.43 -0.58	20.22 -0.35 -1.05	21.79 -0.10 -0.98	24.08 0.12 -0.54	21.69 0.23 -0.53	25.20 0.37 -0.11	20.94 0.18 -0.22	20.94 -0.08 -0.11	16.51 0.05 -0.30
GLENDALE_27_KV_LOAD 356172	25.68 1.51 -5.46	24.03 1.22 -7.34	22.62 1.13 -7.15	21.85 1.14 -6.34	21.43 1.13 -5.80	23.37 1.07 -8.10	24.98 1.26 -6.94	27.55 1.75 -5.46	28.51 1.94 -5.70	33.56 1.96 -10.70	29.30 1.92 -6.54	30.88 1.96 -8.07	31.31 1.96 -8.50	32.66 1.79 -11.40	33.97 1.66 -14.31	34.06 1.90 -11.51	42.75 1.89 -21.34	42.54 2.01 -19.62	36.10 2.11 -10.58	33.03 1.86 -10.23	29.01 2.13 -2.16	26.66 1.83 -4.30	24.96 1.88 -2.17	23.16 1.29 -5.70

GLENWOOD_IC_1_G5 23712	35.46 1.53 -15.23	32.30 1.25 -15.58	29.32 1.18 -13.82	25.31 1.18 -9.76	26.31 1.17 -10.64	29.38 1.12 -14.06	30.67 1.34 -12.54	32.23 1.75 -10.14	33.26 1.92 -10.47	34.26 1.94 -11.42	31.98 1.92 -9.22	33.99 1.83 -11.30	33.81 1.83 -11.12	35.90 1.69 -14.73	45.16 1.58 -25.57	47.93 1.84 -25.44	46.09 1.78 -24.80	43.56 1.88 -20.77	40.60 2.01 -15.16	37.21 1.74 -14.54	33.15 2.03 -6.40	34.24 1.70 -12.00	30.79 1.86 -8.02	29.67 1.33 -12.18
GLENWOOD_IC_2_G1 23688	35.33 1.40 -15.23	32.19 1.14 -15.58	29.22 1.08 -13.82	25.21 1.08 -9.76	26.21 1.07 -10.64	29.28 1.02 -14.06	30.55 1.22 -12.54	32.07 1.59 -10.14	33.10 1.75 -10.47	34.09 1.77 -11.42	31.80 1.73 -9.22	33.92 1.77 -11.30	33.84 1.77 -11.21	35.96 1.62 -14.87	45.26 1.51 -25.74	47.98 1.75 -25.57	46.26 1.70 -25.05	43.71 1.80 -21.00	40.55 1.97 -15.16	37.17 1.70 -14.54	33.13 1.98 -6.43	34.29 1.70 -12.06	30.67 1.72 -8.05	29.60 1.21 -12.22
GLENWOOD_IC_3_G1 23689	35.33 1.40 -15.23	32.19 1.14 -15.58	29.22 1.08 -13.82	25.21 1.08 -9.76	26.21 1.07 -10.64	29.28 1.02 -14.06	30.55 1.22 -12.54	32.07 1.59 -10.14	33.10 1.75 -10.47	34.09 1.77 -11.42	31.80 1.73 -9.22	33.92 1.77 -11.30	33.84 1.77 -11.21	35.96 1.62 -14.87	45.26 1.51 -25.74	47.98 1.75 -25.57	46.26 1.70 -25.05	43.71 1.80 -21.00	40.55 1.97 -15.16	37.17 1.70 -14.54	33.13 1.98 -6.43	34.29 1.70 -12.06	30.67 1.72 -8.05	29.60 1.21 -12.22
GLENWOOD___4 23550	35.46 1.53 -15.23	32.30 1.25 -15.58	29.32 1.18 -13.82	25.31 1.18 -9.76	26.31 1.17 -10.64	29.38 1.12 -14.06	30.67 1.34 -12.54	32.23 1.75 -10.14	33.26 1.92 -10.47	34.26 1.94 -11.42	31.98 1.92 -9.22	34.03 1.88 -11.30	33.87 1.90 -11.12	35.94 1.73 -14.73	45.20 1.62 -25.57	47.97 1.88 -25.44	46.13 1.81 -24.80	43.61 1.92 -20.77	40.67 2.08 -15.16	37.28 1.80 -14.54	33.20 2.08 -6.40	34.28 1.74 -12.00	30.79 1.86 -8.02	29.67 1.33 -12.18
GLENWOOD___5 23614	35.46 1.53 -15.23	32.30 1.25 -15.58	29.32 1.18 -13.82	25.31 1.18 -9.76	26.31 1.17 -10.64	29.38 1.12 -14.06	30.67 1.34 -12.54	32.23 1.75 -10.14	33.26 1.92 -10.47	34.26 1.94 -11.42	31.98 1.92 -9.22	34.03 1.88 -11.30	33.87 1.90 -11.12	35.94 1.73 -14.73	45.20 1.62 -25.57	47.97 1.88 -25.44	46.13 1.81 -24.80	43.61 1.92 -20.77	40.67 2.08 -15.16	37.28 1.80 -14.54	33.20 2.08 -6.40	34.28 1.74 -12.00	30.79 1.86 -8.02	29.67 1.33 -12.18
GLOBAL GREEN_PORT_GT1 23814	37.13 3.14 -15.28	33.61 2.57 -15.58	30.56 2.41 -13.82	26.52 2.39 -9.76	27.52 2.39 -10.64	30.57 2.32 -14.06	32.13 3.54 -12.54	34.02 3.82 -10.14	35.17 3.86 -10.48	40.87 3.69 -16.11	39.74 3.77 -15.20	46.96 3.69 -22.33	43.89 3.43 -19.35	47.58 3.69 -24.68	46.93 3.17 -25.75	49.91 3.68 -25.58	69.44 3.51 -46.42	73.47 3.76 -48.79	45.05 4.19 -17.44	44.25 3.69 -19.62	50.72 4.35 -21.65	38.12 3.61 -13.98	32.58 3.62 -8.05	34.39 2.75 -15.47
GLOBE___DSASP 323697	18.80 -0.69 -0.79	16.01 -0.53 -1.07	14.89 -0.49 -1.04	14.88 -0.42 -0.92	14.89 -0.45 -0.84	14.91 -0.47 -1.18	16.82 -0.97 -1.01	18.18 -1.57 0.60	18.43 -1.71 0.73	18.81 -1.55 0.54	18.36 -1.73 0.76	18.97 -1.56 0.31	18.76 -1.52 0.56	18.62 -1.34 -0.49	18.48 -1.57 -2.04	20.65 -1.61 -1.61	20.02 -1.62 -2.13	21.68 -1.78 -2.55	21.99 -1.38 0.05	20.82 -1.59 -1.47	23.50 -1.53 -0.31	19.55 -1.60 -0.63	20.04 -1.19 -0.31	16.84 -0.16 -0.83
GOETHSLN___LBMP 323567	25.39 1.23 -5.45	23.79 0.99 -7.34	22.40 0.92 -7.15	21.63 0.92 -6.34	21.21 0.91 -5.80	23.17 0.87 -8.10	24.80 1.07 -6.94	27.28 1.49 -5.45	28.21 1.65 -5.69	29.03 1.67 -6.47	28.43 1.63 -5.95	29.22 1.67 -6.71	29.93 1.65 -7.43	32.36 1.50 -11.39	33.67 1.37 -14.30	33.73 1.57 -11.51	42.39 1.54 -21.33	42.16 1.63 -19.61	35.73 1.73 -10.58	32.67 1.51 -10.22	28.66 1.78 -2.16	26.34 1.52 -4.30	24.66 1.59 -2.16	22.93 1.07 -5.69
GOLAH___69_KV_TB 1_2 80279	19.55 0.21 -0.65	16.49 0.15 -0.87	15.29 0.11 -0.85	15.27 0.14 -0.75	15.33 0.14 -0.69	15.30 0.14 -0.96	17.55 -0.05 -0.82	20.46 -0.53 -0.65	20.84 -0.71 -0.68	21.08 -0.54 -0.73	20.89 -0.67 -0.71	21.08 -0.56 -0.80	21.16 -0.56 -0.88	20.28 -0.55 -1.35	19.16 -0.50 -1.66	21.53 -0.43 -1.31	21.40 -0.51 -2.40	22.64 -0.50 -2.23	24.33 -0.33 -1.24	21.80 -0.33 -1.20	24.80 -0.17 -0.26	20.61 -0.43 -0.51	20.94 -0.23 -0.26	17.17 0.32 -0.67
GOODYEAR_LAKE_HYD 323669	20.56 0.90 -0.96	17.50 0.74 -1.30	16.28 0.69 -1.26	16.15 0.66 -1.12	16.16 0.64 -1.02	16.30 0.67 -1.43	18.81 0.81 -1.23	22.28 0.98 -0.96	22.92 1.04 -1.00	22.99 1.00 -1.09	22.90 1.00 -1.05	22.99 0.96 -1.18	23.11 0.96 -1.31	22.32 0.84 -2.01	21.21 0.74 -2.47	23.49 0.89 -1.95	23.88 0.80 -3.57	25.15 0.92 -3.32	26.41 1.15 -1.84	23.70 0.98 -1.78	26.31 1.21 -0.38	22.21 0.92 -0.76	22.17 0.88 -0.38	17.90 0.73 -1.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	20.56 0.24 -1.62	17.86 0.22 -2.18	16.62 0.17 -2.12	16.45 0.20 -1.88	16.39 0.17 -1.72	16.77 0.17 -2.40	19.01 0.17 -2.06	22.06 0.10 -1.62	22.71 0.15 -1.69	22.76 0.04 -1.83	22.74 0.13 -1.77	22.88 0.04 -1.99	23.08 0.04 -2.19	22.89 0.04 -3.38	22.19 0.04 -4.15	24.07 0.14 -3.27	25.59 0.08 -6.00	26.61 0.13 -5.57	26.78 0.26 -3.10	24.10 0.17 -3.00	25.66 0.30 -0.64	21.91 0.10 -1.27	21.70 0.15 -0.64	18.16 0.31 -1.69
GOUDEY___7 23579	20.58 0.26 -1.62	17.87 0.23 -2.18	16.65 0.20 -2.12	16.47 0.22 -1.88	16.41 0.19 -1.72	16.79 0.18 -2.40	19.02 0.18 -2.06	22.08 0.12 -1.62	22.73 0.17 -1.69	22.81 0.08 -1.83	22.76 0.15 -1.77	22.92 0.08 -1.99	23.12 0.08 -2.19	22.91 0.06 -3.38	22.21 0.05 -4.15	24.09 0.17 -3.27	25.61 0.10 -6.00	26.63 0.15 -5.57	26.80 0.28 -3.10	24.12 0.19 -3.00	25.68 0.32 -0.64	21.93 0.12 -1.27	21.72 0.17 -0.64	18.18 0.32 -1.69
GOUDEY___8 23580	20.56 0.24 -1.62	17.86 0.22 -2.18	16.62 0.17 -2.12	16.45 0.20 -1.88	16.39 0.17 -1.72	16.77 0.17 -2.40	19.01 0.17 -2.06	22.06 0.10 -1.62	22.71 0.15 -1.69	22.76 0.04 -1.83	22.74 0.13 -1.77	22.88 0.04 -1.99	23.08 0.04 -2.19	22.89 0.04 -3.38	22.19 0.04 -4.15	24.07 0.14 -3.27	25.59 0.08 -6.00	26.61 0.13 -5.57	26.78 0.26 -3.10	24.10 0.17 -3.00	25.66 0.30 -0.64	21.91 0.10 -1.27	21.70 0.15 -0.64	18.16 0.31 -1.69
GOWANUS_GT1_1 24077	25.69 1.53 -5.46	24.04 1.24 -7.34	22.62 1.13 -7.15	21.85 1.14 -6.34	21.44 1.15 -5.80	23.34 1.04 -8.10	24.91 1.19 -6.94	27.49 1.69 -5.46	28.47 1.90 -5.70	36.41 1.94 -13.58	32.85 1.90 -10.10	39.08 1.96 -16.27	37.84 1.96 -15.03	32.66 1.79 -11.40	34.08 1.66 -14.41	34.08 1.92 -11.51	76.55 1.89 -55.15	70.81 2.01 -47.89	36.10 2.11 -10.58	34.13 1.86 -11.33	33.29 2.13 -6.44	36.79 1.85 -14.42	36.28 1.88 -13.49	23.18 1.31 -5.70
GOWANUS_GT1_2 24078	25.69 1.53 -5.46	24.04 1.24 -7.34	22.62 1.13 -7.15	21.85 1.14 -6.34	21.44 1.15 -5.80	23.34 1.04 -8.10	24.91 1.19 -6.94	27.49 1.69 -5.46	28.47 1.90 -5.70	36.41 1.94 -13.58	32.85 1.90 -10.10	39.08 1.96 -16.27	37.84 1.96 -15.03	32.66 1.79 -11.40	34.08 1.66 -14.41	34.08 1.92 -11.51	76.55 1.89 -55.15	70.81 2.01 -47.89	36.10 2.11 -10.58	34.13 1.86 -11.33	33.29 2.13 -6.44	36.79 1.85 -14.42	36.28 1.88 -13.49	23.18 1.31 -5.70

GOWANUS_GT1_3 24079	25.69 1.53 -5.46	24.04 1.24 -7.34	22.62 1.13 -7.15	21.85 1.14 -6.34	21.44 1.15 -5.80	23.34 1.04 -8.10	24.91 1.19 -6.94	27.49 1.69 -5.46	28.47 1.90 -5.70	36.41 1.94 -13.58	32.85 1.90 -10.10	39.08 1.96 -16.27	37.84 1.96 -15.03	32.66 1.79 -11.40	34.08 1.66 -14.41	34.08 1.92 -11.51	76.55 1.89 -55.15	70.81 2.01 -47.89	36.10 2.11 -10.58	34.13 1.86 -11.33	33.29 2.13 -6.44	36.79 1.85 -14.42	36.28 1.88 -13.49	23.18 1.31 -5.70
GOWANUS_GT1_4 24080	25.69 1.53 -5.46	24.04 1.24 -7.34	22.62 1.13 -7.15	21.85 1.14 -6.34	21.44 1.15 -5.80	23.34 1.04 -8.10	24.91 1.19 -6.94	27.49 1.69 -5.46	28.47 1.90 -5.70	36.41 1.94 -13.58	32.85 1.90 -10.10	39.08 1.96 -16.27	37.84 1.96 -15.03	32.66 1.79 -11.40	34.08 1.66 -14.41	34.08 1.92 -11.51	76.55 1.89 -55.15	70.81 2.01 -47.89	36.10 2.11 -10.58	34.13 1.86 -11.33	33.29 2.13 -6.44	36.79 1.85 -14.42	36.28 1.88 -13.49	23.18 1.31 -5.70
GOWANUS_GT1_5 24084	25.69 1.53 -5.46	24.04 1.24 -7.34	22.62 1.13 -7.15	21.85 1.14 -6.34	21.44 1.15 -5.80	23.34 1.04 -8.10	24.91 1.19 -6.94	27.49 1.69 -5.46	28.47 1.90 -5.70	36.41 1.94 -13.58	32.85 1.90 -10.10	39.08 1.96 -16.27	37.84 1.96 -15.03	32.66 1.79 -11.40	34.08 1.66 -14.41	34.08 1.92 -11.51	76.55 1.89 -55.15	70.81 2.01 -47.89	36.10 2.11 -10.58	34.13 1.86 -11.33	33.29 2.13 -6.44	36.79 1.85 -14.42	36.28 1.88 -13.49	23.18 1.31 -5.70
GOWANUS_GT1_6 24111	25.69 1.53 -5.46	24.04 1.24 -7.34	22.62 1.13 -7.15	21.85 1.14 -6.34	21.44 1.15 -5.80	23.34 1.04 -8.10	24.91 1.19 -6.94	27.49 1.69 -5.46	28.47 1.90 -5.70	36.41 1.94 -13.58	32.85 1.90 -10.10	39.08 1.96 -16.27	37.84 1.96 -15.03	32.66 1.79 -11.40	34.08 1.66 -14.41	34.08 1.92 -11.51	76.55 1.89 -55.15	70.81 2.01 -47.89	36.10 2.11 -10.58	34.13 1.86 -11.33	33.29 2.13 -6.44	36.79 1.85 -14.42	36.28 1.88 -13.49	23.18 1.31 -5.70
GOWANUS_GT1_7 24112	25.69 1.53 -5.46	24.04 1.24 -7.34	22.62 1.13 -7.15	21.85 1.14 -6.34	21.44 1.15 -5.80	23.34 1.04 -8.10	24.91 1.19 -6.94	27.49 1.69 -5.46	28.47 1.90 -5.70	36.41 1.94 -13.58	32.85 1.90 -10.10	39.08 1.96 -16.27	37.84 1.96 -15.03	32.66 1.79 -11.40	34.08 1.66 -14.41	34.08 1.92 -11.51	76.55 1.89 -55.15	70.81 2.01 -47.89	36.10 2.11 -10.58	34.13 1.86 -11.33	33.29 2.13 -6.44	36.79 1.85 -14.42	36.28 1.88 -13.49	23.18 1.31 -5.70
GOWANUS_GT1_8 24113	25.69 1.53 -5.46	24.04 1.24 -7.34	22.62 1.13 -7.15	21.85 1.14 -6.34	21.44 1.15 -5.80	23.34 1.04 -8.10	24.91 1.19 -6.94	27.49 1.69 -5.46	28.47 1.90 -5.70	36.41 1.94 -13.58	32.85 1.90 -10.10	39.08 1.96 -16.27	37.84 1.96 -15.03	32.66 1.79 -11.40	34.08 1.66 -14.41	34.08 1.92 -11.51	76.55 1.89 -55.15	70.81 2.01 -47.89	36.10 2.11 -10.58	34.13 1.86 -11.33	33.29 2.13 -6.44	36.79 1.85 -14.42	36.28 1.88 -13.49	23.18 1.31 -5.70
GOWANUS_GT2_1 24114	25.69 1.53 -5.46	24.04 1.24 -7.34	22.62 1.13 -7.15	21.85 1.14 -6.34	21.44 1.14 -5.80	23.34 1.04 -8.10	24.91 1.19 -6.94	27.49 1.69 -5.46	28.45 1.88 -5.70	36.41 1.94 -13.58	32.83 1.88 -10.10	39.08 1.96 -16.27	37.93 1.96 -15.12	32.80 1.79 -11.54	34.27 1.67 -14.58	34.22 1.92 -11.64	74.61 1.89 -53.21	71.04 2.01 -48.12	36.10 2.11 -10.58	34.11 1.84 -11.33	33.34 2.15 -6.47	36.89 1.89 -14.47	36.31 1.88 -13.51	2

GOWANUS_GT3_2 24123	25.69 1.53 -5.46	24.04 1.24 -7.34	22.62 1.13 -7.15	21.85 1.14 -6.34	21.44 1.14 -5.80	23.34 1.04 -8.10	24.91 1.19 -6.94	27.49 1.69 -5.46	28.45 1.88 -5.70	36.41 1.94 -13.58	32.83 1.88 -10.10	39.08 1.96 -16.27	37.93 1.96 -15.12	32.80 1.79 -11.54	34.27 1.67 -14.58	34.22 1.92 -11.64	76.80 1.89 -55.40	71.04 2.01 -48.12	36.10 2.11 -10.58	34.11 1.84 -11.33	33.34 2.15 -6.47	36.89 1.89 -14.47	36.31 1.88 -13.51	23.25 1.31 -5.77
GOWANUS_GT3_3 24124	25.69 1.53 -5.46	24.04 1.24 -7.34	22.62 1.13 -7.15	21.85 1.14 -6.34	21.44 1.14 -5.80	23.34 1.04 -8.10	24.91 1.19 -6.94	27.49 1.69 -5.46	28.45 1.88 -5.70	36.41 1.94 -13.58	32.83 1.88 -10.10	39.08 1.96 -16.27	37.93 1.96 -15.12	32.80 1.79 -11.54	34.27 1.67 -14.58	34.22 1.92 -11.64	76.80 1.89 -55.40	71.04 2.01 -48.12	36.10 2.11 -10.58	34.11 1.84 -11.33	33.34 2.15 -6.47	36.89 1.89 -14.47	36.31 1.88 -13.51	23.25 1.31 -5.77
GOWANUS_GT3_4 24125	25.69 1.53 -5.46	24.04 1.24 -7.34	22.62 1.13 -7.15	21.85 1.14 -6.34	21.44 1.14 -5.80	23.34 1.04 -8.10	24.91 1.19 -6.94	27.49 1.69 -5.46	28.45 1.88 -5.70	36.41 1.94 -13.58	32.83 1.88 -10.10	39.08 1.96 -16.27	37.93 1.96 -15.12	32.80 1.79 -11.54	34.27 1.67 -14.58	34.22 1.92 -11.64	76.80 1.89 -55.40	71.04 2.01 -48.12	36.10 2.11 -10.58	34.11 1.84 -11.33	33.34 2.15 -6.47	36.89 1.89 -14.47	36.31 1.88 -13.51	23.25 1.31 -5.77
GOWANUS_GT3_5 24126	25.69 1.53 -5.46	24.04 1.24 -7.34	22.62 1.13 -7.15	21.85 1.14 -6.34	21.44 1.14 -5.80	23.34 1.04 -8.10	24.91 1.19 -6.94	27.49 1.69 -5.46	28.45 1.88 -5.70	36.41 1.94 -13.58	32.83 1.88 -10.10	39.08 1.96 -16.27	37.93 1.96 -15.12	32.80 1.79 -11.54	34.27 1.67 -14.58	34.22 1.92 -11.64	76.80 1.89 -55.40	71.04 2.01 -48.12	36.10 2.11 -10.58	34.11 1.84 -11.33	33.34 2.15 -6.47	36.89 1.89 -14.47	36.31 1.88 -13.51	23.25 1.31 -5.77
GOWANUS_GT3_6 24127	25.69 1.53 -5.46	24.04 1.24 -7.34	22.62 1.13 -7.15	21.85 1.14 -6.34	21.44 1.14 -5.80	23.34 1.04 -8.10	24.91 1.19 -6.94	27.49 1.69 -5.46	28.45 1.88 -5.70	36.41 1.94 -13.58	32.83 1.88 -10.10	39.08 1.96 -16.27	37.93 1.96 -15.12	32.80 1.79 -11.54	34.27 1.67 -14.58	34.22 1.92 -11.64	76.80 1.89 -55.40	71.04 2.01 -48.12	36.10 2.11 -10.58	34.11 1.84 -11.33	33.34 2.15 -6.47	36.89 1.89 -14.47	36.31 1.88 -13.51	23.25 1.31 -5.77
GOWANUS_GT3_7 24128	25.69 1.53 -5.46	24.04 1.24 -7.34	22.62 1.13 -7.15	21.85 1.14 -6.34	21.44 1.14 -5.80	23.34 1.04 -8.10	24.91 1.19 -6.94	27.49 1.69 -5.46	28.45 1.88 -5.70	36.41 1.94 -13.58	32.83 1.88 -10.10	39.08 1.96 -16.27	37.93 1.96 -15.12	32.80 1.79 -11.54	34.27 1.67 -14.58	34.22 1.92 -11.64	76.80 1.89 -55.40	71.04 2.01 -48.12	36.10 2.11 -10.58	34.11 1.84 -11.33	33.34 2.15 -6.47	36.89 1.89 -14.47	36.31 1.88 -13.51	23.25 1.31 -5.77
GOWANUS_GT3_8 24129	25.69 1.53 -5.46	24.04 1.24 -7.34	22.62 1.13 -7.15	21.85 1.14 -6.34	21.44 1.14 -5.80	23.34 1.04 -8.10	24.91 1.19 -6.94	27.49 1.69 -5.46	28.45 1.88 -5.70	36.41 1.94 -13.58	32.83 1.88 -10.10	39.08 1.96 -16.27	37.93 1.96 -15.12	32.80 1.79 -11.54	34.27 1.67 -14.58	34.22 1.92 -11.64	76.80 1.89 -55.40	71.04 2.01 -48.12	36.10 2.11 -10.58	34.11 1.84 -11.33	33.34 2.15 -6.47	36.89 1.89 -14.47	36.31 1.88 -13.51	2

GREENBSH_115KV_TB3 55895	26.31 0.52 -7.08	25.43 0.43 -9.53	24.01 0.39 -9.29	23.00 0.39 -8.23	22.44 0.41 -7.54	25.13 0.40 -10.53	26.26 0.45 -9.02	27.96 0.53 -7.08	28.83 0.56 -7.40	29.56 0.58 -8.08	29.17 0.58 -7.74	30.15 0.58 -8.72	30.97 0.56 -9.56	34.80 0.53 -14.81	36.32 0.49 -17.83	35.02 0.56 -13.81	45.09 0.51 -25.07	44.99 0.56 -23.51	37.63 0.66 -13.56	34.63 0.59 -13.10	28.27 0.74 -2.81	26.67 0.55 -5.58	24.30 0.59 -2.80	23.97 0.40 -7.40
GREENDGE_115KV_TB5 80291	20.03 0.32 -1.01	17.07 0.25 -1.35	15.84 0.19 -1.32	15.77 0.23 -1.17	15.77 0.20 -1.07	15.91 0.21 -1.50	18.30 0.23 -1.28	23.99 0.04 -3.61	24.83 0.00 -3.96	24.68 -0.04 -3.83	24.97 -0.02 -4.14	24.46 -0.04 -3.66	25.18 -0.10 -4.44	23.65 -0.12 -4.29	20.48 -0.11 -2.58	22.71 0.02 -2.04	24.74 -0.04 -5.26	24.77 0.04 -3.81	28.52 0.23 -4.87	22.95 0.15 -1.87	25.44 0.32 -0.40	21.34 0.02 -0.79	21.37 0.06 -0.40	17.62 0.40 -1.05
GREENIDGE___3 23582	20.03 0.32 -1.01	17.07 0.25 -1.35	15.84 0.19 -1.32	15.77 0.23 -1.17	15.77 0.20 -1.07	15.91 0.21 -1.50	18.30 0.23 -1.28	23.99 0.04 -3.61	24.83 0.00 -3.96	24.68 -0.04 -3.83	24.97 -0.02 -4.14	24.46 -0.04 -3.66	25.18 -0.10 -4.44	23.65 -0.12 -4.29	20.48 -0.11 -2.58	22.71 0.02 -2.04	24.74 -0.04 -5.26	24.77 0.04 -3.81	28.52 0.23 -4.87	22.95 0.15 -1.87	25.44 0.32 -0.40	21.34 0.02 -0.79	21.37 0.06 -0.40	17.62 0.40 -1.05
GREENIDGE___4 23583	20.03 0.32 -1.01	17.06 0.25 -1.35	15.84 0.19 -1.32	15.77 0.23 -1.17	15.77 0.20 -1.07	15.91 0.21 -1.50	18.30 0.23 -1.28	23.99 0.04 -3.61	24.83 0.00 -3.96	24.68 -0.04 -3.83	24.97 -0.02 -4.14	24.46 -0.04 -3.66	25.19 -0.10 -4.44	23.65 -0.12 -4.29	20.50 -0.09 -2.59	22.73 0.04 -2.04	24.74 -0.04 -5.27	24.77 0.04 -3.81	28.52 0.23 -4.87	22.93 0.13 -1.87	25.44 0.32 -0.40	21.61 0.29 -0.79	21.37 0.06 -0.40	17.62 0.40 -1.05
GREENLWN_69_KV_BK 3 55738	35.58 1.66 -15.21	32.45 1.41 -15.58	29.47 1.32 -13.82	25.45 1.32 -9.76	26.45 1.32 -10.64	29.52 1.26 -14.06	30.83 1.51 -12.54	32.43 1.95 -10.14	33.50 2.15 -10.47	34.34 2.17 -11.28	31.75 1.98 -8.92	32.10 2.02 -9.23	32.38 1.94 -9.59	33.97 1.93 -12.57	45.25 1.67 -25.56	48.07 1.98 -25.43	41.59 1.99 -20.09	37.66 2.11 -14.63	40.38 2.30 -14.66	36.34 1.82 -13.59	30.39 2.13 -3.54	34.15 1.97 -11.65	31.07 2.13 -8.02	29.41 1.55 -11.69
GREENWD_138_KV_38B11_REV_LBMP_J 345004	25.69 1.53 -5.46	24.04 1.24 -7.34	22.62 1.13 -7.15	21.85 1.14 -6.34	21.44 1.15 -5.80	23.34 1.04 -8.10	24.91 1.19 -6.94	27.49 1.69 -5.46	28.47 1.90 -5.70	36.41 1.94 -13.58	32.85 1.90 -10.10	39.08 1.96 -16.27	37.84 1.96 -15.03	32.66 1.79 -11.40	34.08 1.66 -14.41	34.08 1.92 -11.51	76.55 1.89 -55.15	70.81 2.01 -47.89	36.10 2.11 -10.58	34.13 1.86 -11.33	33.29 2.13 -6.44	36.79 1.85 -14.42	36.28 1.88 -13.49	23.18 1.31 -5.70
GRISSOM___SOLAR 323813	29.05 1.94 -8.40	28.43 1.66 -11.31	26.82 1.48 -11.02	25.61 1.47 -9.77	24.92 1.48 -8.94	28.22 1.53 -12.49	29.28 1.80 -10.70	30.76 2.01 -8.40	31.67 2.02 -8.77	32.44 1.99 -9.56	32.28 2.25 -9.18	33.42 2.23 -10.34	34.36 2.17 -11.34	38.65 1.64 -17.54	40.67 1.39 -21.28	38.89 1.65 -16.59	51.33 1.58 -30.24	51.01 1.84 -28.26	41.68 2.18 -16.09	38.43 1.95 -15.55	30.64 2.59 -3.32	29.22 2.07 -6.62	26.26 2.03 -3.32	26.45 1.52 -8.76
GROVEVILLE___HYD 323602	25.42 1.18 -5.54	23.86 0.94 -7.46	22.49 0.89 -7.26	21.72 0.91 -6.44	21.29 0.90 -5.90	23.29 0.85 -8.24	24.84 1.01 -7.06	27.12 1.24 -5.54	28.06 1.40 -5.78	28.60 1.40 -6.31	28.28 1.38 -6.05	29.08 1.42 -6.82	29.92 1.52 -7.55	32.45 1.40 -11.58	33.78 1.31 -14.46	33.79 1.55 -11.59	42.44 1.50 -21.43	42.27 1.61 -19.75	35.83 1.78 -10.63	32.70 1.49 -10.27	28.65 1.73 -2.19	26.33 1.44 -4.37	24.55 1.44 -2.19	22.97 1.02 -5.78
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	19.43 0.19 -0.54	16.34 0.15 -0.72	15.17 0.13 -0.71	15.14 0.14 -0.63	15.19 0.12 -0.57	15.13 0.13 -0.80	17.63 0.17 -0.69	20.96 0.08 -0.54	21.52 0.08 -0.56	21.63 0.13 -0.61	21.56 0.13 -0.59	21.64 0.13 -0.66	21.68 0.10 -0.73	20.65 0.06 -1.13	19.46 0.07 -1.38	21.87 0.12 -1.09	21.61 0.10 -2.00	22.92 0.15 -1.86	24.66 0.21 -1.03	22.08 0.15 -1.00	25.16 0.22 -0.21	21.01 0.06 -0.42	21.19 0.06 -0.21	16.94 0.21 -0.56
HAMLTNNY_34_KV_TB 80303	19.54 0.26 -0.57	16.46 0.23 -0.77	15.27 0.19 -0.75	15.24 0.20 -0.66	15.29 0.19 -0.61	15.25 0.20 -0.85	17.74 0.23 -0.73	21.08 0.16 -0.57	21.64 0.17 -0.60	21.73 0.19 -0.65	21.62 0.15 -0.62	21.70 0.15 -0.70	21.75 0.13 -0.78	20.78 0.12 -1.20	19.60 0.13 -1.47	22.02 0.21 -1.16	21.79 0.16 -2.12	23.09 0.21 -1.97	24.84 0.33 -1.10	22.23 0.23 -1.06	25.27 0.32 -0.23	21.12 0.14 -0.45	21.29 0.15 -0.23	17.06 0.29 -0.60
HAMPSHIRE___PAPER_HYD 323593	18.08 -0.77 -0.14	14.99 -0.66 -0.19	13.95 -0.57 -0.19	13.89 -0.65 -0.17	14.01 -0.64 -0.15	13.86 -0.55 -0.21	16.38 -0.59 -0.18	19.86 -0.63 -0.14	20.31 -0.71 -0.15	20.32 -0.73 -0.16	20.09 -0.92 -0.16	20.11 -0.92 -0.18	20.09 -0.96 -0.19	18.88 -0.90 -0.30	17.55 -0.83 -0.37	19.81 -1.14 -0.29	19.11 -0.94 -0.53	20.49 -0.92 -0.50	22.76 -0.94 -0.28	20.45 -0.75 -0.27	23.86 -0.91 -0.06	19.80 -0.84 -0.11	20.03 -0.94 -0.06	15.54 -0.78 -0.15
HARDSCRABBLE_WT_PWR 323673	18.48 -0.22 0.00	15.29 -0.17 0.00	14.19 -0.14 0.00	14.23 -0.14 0.00	14.40 -0.10 0.00	14.16 -0.04 0.00	16.75 -0.03 0.00	20.26 -0.08 0.00	20.79 -0.08 0.00	20.77 -0.12 0.00	20.70 -0.14 0.00	20.66 -0.19 0.00	20.64 -0.21 0.00	19.16 -0.31 0.00	17.68 -0.32 0.00	20.24 -0.41 0.00	19.10 -0.41 0.00	20.52 -0.40 0.00	23.02 -0.40 0.00	20.58 -0.36 0.00	24.35 -0.37 0.00	20.28 -0.25 0.00	20.64 -0.27 0.00	15.99 -0.18 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	24.75 1.01 -5.04	23.07 0.82 -6.78	21.71 0.77 -6.61	21.02 0.79 -5.86	20.64 0.78 -5.36	22.43 0.74 -7.49	24.07 0.87 -6.42	26.50 1.12 -5.04	27.39 1.25 -5.26	27.64 1.30 -5.45	27.65 1.29 -5.51	28.39 1.33 -6.20	29.12 1.40 -6.87	31.25 1.25 -10.53	32.38 1.17 -13.20	32.66 1.40 -10.61	40.50 1.35 -19.64	40.41 1.42 -18.07	34.73 1.57 -9.74	31.68 1.32 -9.42	28.25 1.53 -2.00	25.77 1.27 -3.97	24.18 1.28 -2.00	22.32 0.89 -5.26
HARSNRAD_115KV_TB1 81005	19.07 -0.41 -0.78	16.17 -0.34 -1.05	15.04 -0.32 -1.02	15.01 -0.27 -0.91	15.04 -0.29 -0.83	15.08 -0.28 -1.16	17.05 -0.72 -0.99	18.43 -1.32 0.60	18.69 -1.46 0.72	19.02 -1.32 0.55	18.63 -1.46 0.75	19.20 -1.31 0.33	18.99 -1.27 0.58	18.80 -1.13 -0.46	18.82 -1.19 -2.00	21.03 -1.20 -1.58	20.36 -1.23 -2.08	22.08 -1.34 -2.51	22.27 -1.08 0.07	21.19 -1.19 -1.45	23.99 -1.04 -0.31	19.95 -1.19 -0.62	20.39 -0.84 -0.31	17.06 0.08 -0.82
HARZA MOOSE___RIVER 24016	18.92 0.04 -0.18	15.71 0.00 -0.25	14.62 0.04 -0.24	14.57 -0.01 -0.21	14.66 -0.03 -0.20	14.58 0.10 -0.27	17.17 0.15 -0.24	20.71 0.18 -0.18	21.25 0.19 -0.19	21.23 0.13 -0.21	21.03 -0.02 -0.20	20.99 -0.08 -0.23	21.00 -0.10 -0.25	19.68 -0.18 -0.39	18.30 -0.18 -0.47	20.78 -0.25 -0.37	20.00 -0.20 -0.69	21.51 -0.04 -0.64	23.94 0.16 -0.35	21.45 0.17 -0.34	25.04 0.25 -0.07	20.78 0.10 -0.15	20.97 -0.02 -0.07	16.39 0.03 -0.19

HDSNBRDG_115KV_BRDG_TB1 355580	19.25 0.06 -0.49	16.17 0.05 -0.66	15.00 0.03 -0.64	14.98 0.04 -0.57	15.03 0.01 -0.52	14.95 0.03 -0.72	17.43 0.03 -0.62	20.75 -0.08 -0.49	21.32 -0.06 -0.51	21.40 -0.04 -0.55	21.32 -0.06 -0.53	21.41 -0.04 -0.60	21.45 -0.06 -0.66	20.43 -0.06 -1.02	19.20 -0.05 -1.25	21.64 0.00 -0.99	21.28 -0.04 -1.81	22.59 0.00 -1.68	24.40 0.05 -0.93	21.84 0.00 -0.90	24.96 0.05 -0.19	20.85 -0.06 -0.38	21.04 -0.06 -0.19	16.79 0.11 -0.51
HELLGATE_13_KV_LD 55870	25.58 1.42 -5.46	23.97 1.16 -7.34	22.56 1.07 -7.15	21.80 1.08 -6.34	21.37 1.07 -5.80	23.31 1.01 -8.10	24.90 1.17 -6.94	27.43 1.63 -5.46	28.37 1.79 -5.70	33.43 1.84 -10.70	29.16 1.77 -6.54	30.74 1.81 -8.07	31.17 1.81 -8.50	32.55 1.67 -11.40	33.84 1.53 -14.31	33.94 1.78 -11.51	42.59 1.74 -21.34	42.37 1.84 -19.62	35.94 1.94 -10.58	32.88 1.72 -10.23	28.86 1.98 -2.16	26.54 1.70 -4.30	24.84 1.76 -2.17	23.10 1.23 -5.70
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	25.58 1.42 -5.46	23.97 1.16 -7.34	22.56 1.07 -7.15	21.80 1.08 -6.34	21.37 1.07 -5.80	23.31 1.01 -8.10	24.90 1.17 -6.94	27.43 1.63 -5.46	28.37 1.79 -5.70	33.43 1.84 -10.70	29.16 1.77 -6.54	30.74 1.81 -8.07	31.17 1.81 -8.50	32.55 1.67 -11.40	33.84 1.53 -14.31	33.94 1.78 -11.51	42.59 1.74 -21.34	42.37 1.84 -19.62	35.94 1.94 -10.58	32.88 1.72 -10.23	28.86 1.98 -2.16	26.54 1.70 -4.30	24.84 1.76 -2.17	23.10 1.23 -5.70
HEMPSTEAD____ 23647	35.48 1.55 -15.23	32.32 1.27 -15.58	29.34 1.19 -13.82	25.34 1.21 -9.76	26.33 1.20 -10.64	29.41 1.15 -14.06	30.68 1.36 -12.54	32.25 1.77 -10.14	33.29 1.94 -10.47	34.26 1.94 -11.42	31.90 1.84 -9.22	34.03 1.88 -11.30	33.94 1.88 -11.21	36.08 1.73 -14.87	45.35 1.60 -25.74	48.10 1.88 -25.57	46.38 1.81 -25.05	43.83 1.92 -21.00	40.66 2.08 -15.16	37.30 1.82 -14.54	33.28 2.13 -6.43	34.41 1.83 -12.06	30.86 1.90 -8.05	29.78 1.36 -12.25
HEWLETT__69_KV_BK3 55828	35.69 1.76 -15.23	32.49 1.44 -15.58	29.48 1.33 -13.82	25.48 1.35 -9.76	26.48 1.35 -10.64	29.54 1.28 -14.06	30.82 1.49 -12.54	32.35 1.87 -10.14	33.39 2.05 -10.47	34.36 2.05 -11.42	32.07 2.00 -9.22	34.24 2.08 -11.30	34.08 2.11 -11.12	36.15 1.95 -14.73	45.39 1.82 -25.57	48.20 2.11 -25.44	46.34 2.03 -24.80	43.86 2.17 -20.77	40.97 2.39 -15.16	37.55 2.07 -14.54	33.52 2.40 -6.40	34.52 1.99 -12.00	30.94 2.01 -8.02	29.77 1.46 -12.15
HICKLING___1 23621	20.24 0.26 -1.28	17.42 0.23 -1.72	16.20 0.19 -1.68	16.08 0.22 -1.49	16.05 0.19 -1.36	16.30 0.20 -1.90	18.56 0.15 -1.63	22.57 0.00 -2.22	23.26 0.00 -2.39	23.15 -0.17 -2.42	23.29 -0.06 -2.50	23.09 -0.21 -2.45	23.45 -0.25 -2.85	22.76 -0.18 -3.47	21.13 -0.16 -3.28	23.22 -0.02 -2.59	24.70 -0.12 -5.30	25.38 -0.06 -4.53	27.08 0.14 -3.52	23.33 0.02 -2.37	25.45 0.22 -0.51	21.50 -0.04 -1.01	21.46 0.04 -0.51	17.91 0.40 -1.33
HICKLING___2 23622	20.24 0.26 -1.28	17.42 0.23 -1.72	16.20 0.19 -1.68	16.08 0.22 -1.49	16.05 0.19 -1.36	16.30 0.20 -1.90	18.56 0.15 -1.63	22.57 0.00 -2.22	23.26 0.00 -2.39	23.15 -0.17 -2.42	23.29 -0.06 -2.50	23.09 -0.21 -2.45	23.45 -0.25 -2.85	22.76 -0.18 -3.47	21.13 -0.16 -3.28	23.22 -0.02 -2.59	24.70 -0.12 -5.30	25.38 -0.06 -4.53	27.08 0.14 -3.52	23.33 0.02 -2.37	25.45 0.22 -0.51	21.50 -0.04 -1.01	21.46 0.04 -0.51	17.91 0.40 -1.33
HIGH FALLS___HY 23754	25.14 0.99 -5.45	23.59 0.79 -7.33	22.24 0.76 -7.15	21.47 0.76 -6.34	21.05 0.75 -5.80	23.00 0.70 -8.10	24.54 0.82 -6.94	26.85 1.06 -5.45	27.77 1.21 -5.69	28.25 1.19 -6.17	28.03 1.23 -5.95	28.83 1.27 -6.71	29.65 1.40 -7.41	32.09 1.23 -11.39	33.28 1.15 -14.12	33.27 1.38 -11.23	41.56 1.35 -20.70	41.52 1.46 -19.14	35.53 1.66 -10.45	32.42 1.38 -10.11	28.44 1.56 -2.16	26.12 1.29 -4.30	24.35 1.28 -2.16	22.76 0.91 -5.69
HILLBURN___GT 23639	24.82 0.99 -5.13	23.18 0.82 -6.90	21.83 0.77 -6.72	21.12 0.79 -5.96	20.73 0.78 -5.46	22.55 0.72 -7.62	24.16 0.86 -6.53	26.61 1.14 -5.13	27.52 1.29 -5.35	27.71 1.32 -5.50	27.79 1.34 -5.60	28.55 1.40 -6.31	29.30 1.40 -7.06	31.52 1.23 -10.82	32.74 1.17 -13.56	32.91 1.36 -10.90	41.01 1.31 -20.19	40.87 1.38 -18.57	34.84 1.50 -9.92	31.79 1.26 -9.59	28.23 1.46 -2.05	25.88 1.27 -4.08	24.20 1.23 -2.05	22.43 0.86 -5.40
HILLSIDE_115KV_TB1 80332	19.97 -0.06 -1.32	17.21 -0.03 -1.78	16.01 -0.06 -1.73	15.88 -0.03 -1.54	15.85 -0.06 -1.41	16.11 -0.06 -1.97	18.31 -0.15 -1.68	22.06 -0.33 -2.04	22.76 -0.29 -2.18	22.65 -0.48 -2.24	22.80 -0.33 -2.28	22.68 -0.46 -2.29	23.01 -0.48 -2.64	22.41 -0.43 -3.37	21.00 -0.40 -3.39	23.04 -0.29 -2.68	24.45 -0.39 -5.33	25.21 -0.36 -4.65	26.53 -0.23 -3.35	23.10 -0.29 -2.45	25.07 -0.17 -0.52	21.22 -0.35 -1.04	21.16 -0.27 -0.52	17.66 0.11 -1.38
HISHELDN_WT_PWR 323625	19.27 -0.36 -0.92	16.38 -0.33 -1.24	15.24 -0.30 -1.21	15.20 -0.24 -1.07	15.20 -0.28 -0.98	15.30 -0.27 -1.37	17.33 -0.62 -1.17	15.27 -1.16 3.91	15.20 -1.23 4.44	15.65 -1.30 3.95	14.89 -1.31 4.65	16.16 -1.33 3.36	15.03 -1.35 4.46	16.12 -1.21 2.14	19.26 -1.12 -2.37	21.42 -1.10 -1.87	18.93 -1.17 -0.59	22.25 -1.21 -2.55	18.63 -1.10 3.69	21.58 -1.07 -1.71	24.20 -0.89 -0.37	20.68 -0.57 -0.73	20.53 -0.75 -0.37	17.20 0.06 -0.96
HOLTSVILLE_IC_1 23690	35.93 1.94 -15.28	32.69 1.64 -15.58	29.68 1.53 -13.82	25.67 1.54 -9.76	26.67 1.54 -10.64	29.75 1.49 -14.06	31.12 1.80 -12.54	32.74 2.26 -10.14	33.79 2.44 -10.48	39.52 2.46 -16.16	38.24 2.15 -15.25	45.23 2.23 -22.15	42.21 2.15 -19.22	45.92 1.95 -24.50	45.56 1.80 -25.75	48.32 2.09 -25.58	67.56 2.01 -46.04	71.36 2.15 -48.30	43.18 2.36 -17.40	42.63 2.16 -19.54	48.66 2.55 -21.40	36.71 2.24 -13.94	31.32 2.36 -8.05	33.39 1.81 -15.41
HOLTSVILLE_IC_10 23699	36.14 2.15 -15.29	32.82 1.78 -15.58	29.83 1.68 -13.82	25.80 1.67 -9.76	26.80 1.67 -10.64	29.88 1.62 -14.06	31.29 1.96 -12.54	32.94 2.46 -10.14	34.02 2.67 -10.48	39.49 2.70 -15.90	38.18 2.33 -15.00	46.11 2.42 -22.84	42.93 2.36 -19.72	46.74 2.16 -25.11	45.76 2.00 -25.75	48.57 2.33 -25.58	69.10 2.22 -47.37	73.34 2.40 -50.02	43.60 2.65 -17.54	43.18 2.39 -19.86	49.89 2.82 -22.35	37.05 2.46 -14.06	31.53 2.57 -8.05	33.75 1.96 -15.62
HOLTSVILLE_IC_2 23691	35.93 1.94 -15.28	32.69 1.64 -15.58	29.68 1.53 -13.82	25.67 1.54 -9.76	26.67 1.54 -10.64	29.75 1.49 -14.06	31.12 1.80 -12.54	32.74 2.26 -10.14	33.79 2.44 -10.48	39.52 2.46 -16.16	38.24 2.15 -15.25	45.23 2.23 -22.15	42.21 2.15 -19.22	45.92 1.95 -24.50	45.56 1.80 -25.75	48.32 2.09 -25.58	67.56 2.01 -46.04	71.36 2.15 -48.30	43.18 2.36 -17.40	42.63 2.16 -19.54	48.66 2.55 -21.40	36.71 2.24 -13.94	31.32 2.36 -8.05	33.39 1.81 -15.41
HOLTSVILLE_IC_3 23692	35.93 1.94 -15.28	32.69 1.64 -15.58	29.68 1.53 -13.82	25.67 1.54 -9.76	26.67 1.54 -10.64	29.75 1.49 -14.06	31.12 1.80 -12.54	32.74 2.26 -10.14	33.79 2.44 -10.48	39.52 2.46 -16.16	38.24 2.15 -15.25	45.23 2.23 -22.15	42.21 2.15 -19.22	45.92 1.95 -24.50	45.56 1.80 -25.75	48.32 2.09 -25.58	67.56 2.01 -46.04	71.36 2.15 -48.30	43.18 2.36 -17.40	42.63 2.16 -19.54	48.66 2.55 -21.40	36.71 2.24 -13.94	31.32 2.36 -8.05	33.39 1.81 -15.41

HOLTSVILLE_IC_4 23693	35.93 1.94 -15.28	32.69 1.64 -15.58	29.68 1.53 -13.82	25.67 1.54 -9.76	26.67 1.54 -10.64	29.75 1.49 -14.06	31.12 1.80 -12.54	32.74 2.26 -10.14	33.79 2.44 -10.48	39.52 2.46 -16.16	38.24 2.15 -15.25	45.23 2.23 -22.15	42.21 2.15 -19.22	45.92 1.95 -24.50	45.56 1.80 -25.75	48.32 2.09 -25.58	67.56 2.01 -46.04	71.36 2.15 -48.30	43.18 2.36 -17.40	42.63 2.16 -19.54	48.66 2.55 -21.40	36.71 2.24 -13.94	31.32 2.36 -8.05	33.39 1.81 -15.41
HOLTSVILLE_IC_5 23694	35.93 1.94 -15.28	32.69 1.64 -15.58	29.68 1.53 -13.82	25.67 1.54 -9.76	26.67 1.54 -10.64	29.75 1.49 -14.06	31.12 1.80 -12.54	32.74 2.26 -10.14	33.79 2.44 -10.48	39.52 2.46 -16.16	38.24 2.15 -15.25	45.23 2.23 -22.15	42.21 2.15 -19.22	45.92 1.95 -24.50	45.56 1.80 -25.75	48.32 2.09 -25.58	67.56 2.01 -46.04	71.36 2.15 -48.30	43.18 2.36 -17.40	42.63 2.16 -19.54	48.66 2.55 -21.40	36.71 2.24 -13.94	31.32 2.36 -8.05	33.39 1.81 -15.41
HOLTSVILLE_IC_6 23695	36.14 2.15 -15.29	32.82 1.78 -15.58	29.83 1.68 -13.82	25.80 1.67 -9.76	26.80 1.67 -10.64	29.88 1.62 -14.06	31.29 1.96 -12.54	32.94 2.46 -10.14	34.02 2.67 -10.48	39.49 2.70 -15.90	38.18 2.33 -15.00	46.11 2.42 -22.84	42.93 2.36 -19.72	46.74 2.16 -25.11	45.76 2.00 -25.75	48.57 2.33 -25.58	69.10 2.22 -47.37	73.34 2.40 -50.02	43.60 2.65 -17.54	43.18 2.39 -19.86	49.89 2.82 -22.35	37.05 2.46 -14.06	31.53 2.57 -8.05	33.75 1.96 -15.62
HOLTSVILLE_IC_7 23696	36.14 2.15 -15.29	32.82 1.78 -15.58	29.83 1.68 -13.82	25.80 1.67 -9.76	26.80 1.67 -10.64	29.88 1.62 -14.06	31.29 1.96 -12.54	32.94 2.46 -10.14	34.02 2.67 -10.48	39.49 2.70 -15.90	38.18 2.33 -15.00	46.11 2.42 -22.84	42.93 2.36 -19.72	46.74 2.16 -25.11	45.76 2.00 -25.75	48.57 2.33 -25.58	69.10 2.22 -47.37	73.34 2.40 -50.02	43.60 2.65 -17.54	43.18 2.39 -19.86	49.89 2.82 -22.35	37.05 2.46 -14.06	31.53 2.57 -8.05	33.75 1.96 -15.62
HOLTSVILLE_IC_8 23697	36.14 2.15 -15.29	32.82 1.78 -15.58	29.83 1.68 -13.82	25.80 1.67 -9.76	26.80 1.67 -10.64	29.88 1.62 -14.06	31.29 1.96 -12.54	32.94 2.46 -10.14	34.02 2.67 -10.48	39.49 2.70 -15.90	38.18 2.33 -15.00	46.11 2.42 -22.84	42.93 2.36 -19.72	46.74 2.16 -25.11	45.76 2.00 -25.75	48.57 2.33 -25.58	69.10 2.22 -47.37	73.34 2.40 -50.02	43.60 2.65 -17.54	43.18 2.39 -19.86	49.89 2.82 -22.35	37.05 2.46 -14.06	31.53 2.57 -8.05	33.75 1.96 -15.62
HOLTSVILLE_IC_9 23698	36.14 2.15 -15.29	32.82 1.78 -15.58	29.83 1.68 -13.82	25.80 1.67 -9.76	26.80 1.67 -10.64	29.88 1.62 -14.06	31.29 1.96 -12.54	32.94 2.46 -10.14	34.02 2.67 -10.48	39.49 2.70 -15.90	38.18 2.33 -15.00	46.11 2.42 -22.84	42.93 2.36 -19.72	46.74 2.16 -25.11	45.76 2.00 -25.75	48.57 2.33 -25.58	69.10 2.22 -47.37	73.34 2.40 -50.02	43.60 2.65 -17.54	43.18 2.39 -19.86	49.89 2.82 -22.35	37.05 2.46 -14.06	31.53 2.57 -8.05	33.75 1.96 -15.62
HOMER_HL_115KV_TB2 355744	18.93 -0.75 -0.97	16.17 -0.60 -1.31	15.02 -0.59 -1.28	14.96 -0.55 -1.13	14.95 -0.58 -1.04	15.11 -0.54 -1.45	17.11 -0.91 -1.24	19.97 -1.04 -0.66	20.70 -0.83 -0.67	20.10 -1.57 -0.77	20.69 -0.85 -0.70	20.21 -1.54 -0.90	20.25 -1.54 -0.94	19.91 -1.32 -1.77	19.30 -1.21 -2.50	21.44 -1.18 -1.97	21.65 -1.29 -3.42	22.87 -1.36 -3.31	23.64 -1.29 -1.51	21.48 -1.26 -1.80	23.89 -1.21 -0.39	20.04 -1.25 -0.77	20.19 -1.11 -0.39	16.89 -0.29 -1.02
HOWARD_WT_PWR 323690	19.90 0.13 -1.07	16.98 0.08 -1.44	15.78 0.04 -1.40	15.71 0.09 -1.24	15.68 0.04 -1.14	15.85 0.06 -1.59	18.08 -0.07 -1.36	26.53 -0.41 -6.59	27.69 -0.48 -7.30	27.16 -0.65 -6.91	27.85 -0.62 -7.63	26.57 -0.73 -6.45	27.99 -0.83 -7.97	25.59 -0.76 -6.88	20.05 -0.70 -2.75	22.18 -0.64 -2.17	26.04 -0.68 -7.22	24.68 -0.65 -4.42	31.24 -0.47 -8.29	22.48 -0.44 -1.99	24.92 -0.22 -0.42	21.29 -0.08 -0.84	21.04 -0.29 -0.42	17.56 0.27 -1.12
HQ_GEN_CEDARS 23644	18.16 -0.54 0.00	15.00 -0.46 0.00	13.92 -0.42 0.00	13.93 -0.45 0.00	14.08 -0.42 0.00	13.76 -0.44 0.00	16.31 -0.47 0.00	19.94 -0.41 0.00	20.37 -0.50 0.00	20.37 -0.52 0.00	20.39 -0.46 0.00	20.39 -0.46 0.00	20.39 -0.46 0.00	19.10 -0.37 0.00	17.70 -0.31 0.00	20.01 -0.64 0.00	19.10 -0.41 0.00	20.33 -0.59 0.00	22.69 -0.73 0.00	20.35 -0.59 0.00	23.90 -0.82 0.00	19.97 -0.55 0.00	20.26 -0.65 0.00	15.54 -0.63 0.00
HQ_GEN_CEDARS_PROXY 323590	18.16 -0.54 0.00	15.00 -0.46 0.00	13.92 -0.42 0.00	13.91 -0.46 0.00	14.08 -0.42 0.00	13.76 -0.44 0.00	16.31 -0.47 0.00	19.94 -0.41 0.00	20.37 -0.50 0.00	20.39 -0.50 0.00	20.37 -0.48 0.00	20.39 -0.46 0.00	20.39 -0.46 0.00	19.10 -0.37 0.00	17.70 -0.31 0.00	20.01 -0.64 0.00	19.10 -0.41 0.00	20.33 -0.59 0.00	22.69 -0.73 0.00	20.35 -0.59 0.00	23.91 -0.82 0.00	19.83 -0.70 0.00	20.26 -0.65 0.00	15.54 -0.63 0.00
HQ_GEN_IMPORT 323601	18.38 -0.32 0.00	15.20 -0.26 0.00	14.09 -0.24 0.00	14.12 -0.26 0.00	14.26 -0.23 0.00	13.96 -0.24 0.00	16.51 -0.27 0.00	20.12 -0.22 0.00	20.60 -0.27 0.00	20.60 -0.29 0.00	20.60 -0.25 0.00	20.60 -0.25 0.00	20.60 -0.25 0.00	19.26 -0.21 0.00	17.79 -0.22 0.00	20.34 -0.31 0.00	19.28 -0.23 0.00	20.60 -0.31 0.00	23.00 -0.42 0.00	20.60 -0.34 0.00	24.28 -0.44 0.00	20.14 -0.39 0.00	20.60 -0.31 0.00	15.83 -0.34 0.00
HQ_GEN_WHEEL 23651	18.38 -0.32 0.00	15.20 -0.26 0.00	14.09 -0.24 0.00	14.12 -0.26 0.00	14.26 -0.23 0.00	13.96 -0.24 0.00	16.51 -0.27 0.00	20.12 -0.22 0.00	20.60 -0.27 0.00	20.60 -0.29 0.00	20.60 -0.25 0.00	20.60 -0.25 0.00	20.60 -0.25 0.00	19.26 -0.21 0.00	17.79 -0.22 0.00	20.34 -0.31 0.00	19.28 -0.23 0.00	20.60 -0.31 0.00	23.00 -0.42 0.00	20.60 -0.34 0.00	24.28 -0.44 0.00	20.14 -0.39 0.00	20.60 -0.31 0.00	15.83 -0.34 0.00
HUDSON_AVE_GT_3 23810	25.50 1.35 -5.45	23.90 1.10 -7.34	22.50 1.02 -7.15	21.73 1.02 -6.34	21.31 1.01 -5.80	23.27 0.97 -8.10	24.88 1.16 -6.94	27.38 1.59 -5.45	28.34 1.77 -5.69	29.18 1.82 -6.47	28.55 1.75 -5.95	29.35 1.79 -6.71	30.05 1.77 -7.43	32.48 1.62 -11.39	33.80 1.49 -14.30	33.87 1.71 -11.51	42.54 1.70 -21.33	42.32 1.80 -19.61	35.89 1.90 -10.58	32.81 1.65 -10.22	28.81 1.93 -2.16	26.47 1.64 -4.30	24.79 1.71 -2.16	23.02 1.16 -5.69
HUDSON_AVE_GT_4 23540	25.50 1.35 -5.45	23.90 1.10 -7.34	22.50 1.02 -7.15	21.73 1.02 -6.34	21.31 1.01 -5.80	23.27 0.97 -8.10	24.88 1.16 -6.94	27.38 1.59 -5.45	28.34 1.77 -5.69	29.18 1.82 -6.47	28.55 1.75 -5.95	29.35 1.79 -6.71	30.05 1.77 -7.43	32.48 1.62 -11.39	33.80 1.49 -14.30	33.87 1.71 -11.51	42.54 1.70 -21.33	42.32 1.80 -19.61	35.89 1.90 -10.58	32.81 1.65 -10.22	28.81 1.93 -2.16	26.47 1.64 -4.30	24.79 1.71 -2.16	23.02 1.16 -5.69
HUDSON_AVE_GT_5 23657	25.50 1.35 -5.45	23.90 1.10 -7.34	22.50 1.02 -7.15	21.73 1.02 -6.34	21.31 1.01 -5.80	23.27 0.97 -8.10	24.88 1.16 -6.94	27.38 1.59 -5.45	28.34 1.77 -5.69	29.18 1.82 -6.47	28.55 1.75 -5.95	29.35 1.79 -6.71	30.05 1.77 -7.43	32.48 1.62 -11.39	33.80 1.49 -14.30	33.87 1.71 -11.51	42.54 1.70 -21.33	42.32 1.80 -19.61	35.89 1.90 -10.58	32.81 1.65 -10.22	28.81 1.93 -2.16	26.47 1.64 -4.30	24.79 1.71 -2.16	23.02 1.16 -5.69

HUDSON_AVE_10 24168	25.44 1.29 -5.45	23.83 1.04 -7.34	22.44 0.96 -7.15	21.67 0.96 -6.34	21.25 0.96 -5.80	23.21 0.91 -8.10	24.85 1.12 -6.94	27.34 1.55 -5.45	28.32 1.75 -5.69	29.14 1.78 -6.47	28.47 1.67 -5.95	29.29 1.73 -6.71	29.99 1.71 -7.43	32.42 1.56 -11.39	33.75 1.44 -14.30	33.81 1.65 -11.51	42.48 1.64 -21.33	42.26 1.74 -19.61	35.82 1.83 -10.58	32.77 1.61 -10.22	28.73 1.85 -2.16	26.41 1.58 -4.30	24.74 1.67 -2.16	22.97 1.12 -5.69
HUDSON___115KV_TB 4 355613	26.41 0.84 -6.87	25.41 0.70 -9.25	23.96 0.62 -9.01	22.98 0.62 -7.99	22.43 0.62 -7.31	25.05 0.64 -10.21	26.27 0.74 -8.75	28.05 0.83 -6.87	28.92 0.88 -7.17	29.62 0.90 -7.83	29.21 0.85 -7.51	30.14 0.83 -8.46	30.99 0.85 -9.28	34.63 0.80 -14.36	36.13 0.74 -17.39	35.03 0.85 -13.53	44.97 0.82 -24.64	44.88 0.92 -23.04	37.69 1.12 -13.15	34.66 1.00 -12.71	28.70 1.26 -2.72	26.89 0.94 -5.42	24.57 0.94 -2.72	24.01 0.66 -7.17
HUNTER MOUNT___DRP 323613	26.22 0.88 -6.64	25.11 0.71 -8.94	23.67 0.63 -8.71	22.71 0.62 -7.72	22.20 0.64 -7.07	24.72 0.65 -9.87	25.99 0.76 -8.46	27.84 0.85 -6.64	28.68 0.88 -6.93	29.35 0.90 -7.56	28.92 0.81 -7.25	29.79 0.77 -8.17	30.64 0.81 -8.98	34.15 0.80 -13.88	35.62 0.74 -16.87	34.66 0.83 -13.19	44.40 0.82 -24.07	44.31 0.94 -22.46	37.28 1.15 -12.71	34.27 1.05 -12.29	28.69 1.33 -2.63	26.75 0.99 -5.23	24.50 0.96 -2.63	23.80 0.70 -6.93
HUNTINGTON_RES_REC 323705	35.81 1.93 -15.18	32.64 1.59 -15.58	29.65 1.50 -13.82	25.64 1.51 -9.76	26.64 1.51 -10.64	29.71 1.45 -14.06	31.07 1.75 -12.54	32.70 2.22 -10.14	33.77 2.42 -10.48	41.39 2.46 -18.03	40.87 2.17 -17.85	53.15 2.27 -30.02	48.12 2.23 -25.04	61.22 2.10 -39.65	45.66 1.87 -25.78	48.45 2.19 -25.61	100.74 2.17 -79.07	114.48 2.32 -91.25	46.88 2.55 -20.90	46.20 2.18 -23.09	59.37 2.52 -32.13	38.07 2.30 -15.24	31.37 2.40 -8.05	28.04 1.78 -10.09
HUNTLEY___63 23557	19.19 -0.32 -0.81	16.31 -0.25 -1.09	15.15 -0.24 -1.06	15.13 -0.19 -0.94	15.15 -0.20 -0.86	15.21 -0.20 -1.20	17.17 -0.64 -1.03	18.51 -1.16 0.68	18.78 -1.27 0.82	19.08 -1.19 0.62	18.73 -1.27 0.85	19.29 -1.17 0.39	19.06 -1.13 0.67	18.93 -0.97 -0.44	19.00 -1.08 -2.08	21.20 -1.09 -1.64	20.53 -1.11 -2.13	22.27 -1.23 -2.59	22.35 -0.94 0.13	21.33 -1.11 -1.50	24.10 -0.94 -0.32	20.06 -1.11 -0.64	20.46 -0.77 -0.32	17.18 0.16 -0.85
HUNTLEY___64 23558	19.19 -0.32 -0.81	16.31 -0.25 -1.09	15.15 -0.24 -1.06	15.13 -0.19 -0.94	15.15 -0.20 -0.86	15.21 -0.20 -1.20	17.17 -0.64 -1.03	18.51 -1.16 0.68	18.78 -1.27 0.82	19.08 -1.19 0.62	18.73 -1.27 0.85	19.29 -1.17 0.39	19.06 -1.13 0.67	18.93 -0.97 -0.44	19.00 -1.08 -2.08	21.20 -1.09 -1.64	20.53 -1.11 -2.13	22.27 -1.23 -2.59	22.35 -0.94 0.13	21.33 -1.11 -1.50	24.10 -0.94 -0.32	20.06 -1.11 -0.64	20.46 -0.77 -0.32	17.18 0.16 -0.85
HUNTLEY___65 23559	19.19 -0.32 -0.81	16.31 -0.25 -1.09	15.15 -0.24 -1.06	15.13 -0.19 -0.94	15.15 -0.20 -0.86	15.21 -0.20 -1.20	17.17 -0.64 -1.03	18.51 -1.16 0.68	18.78 -1.27 0.82	19.08 -1.19 0.62	18.73 -1.27 0.85	19.29 -1.17 0.39	19.06 -1.13 0.67	18.93 -0.97 -0.44	19.00 -1.08 -2.08	21.20 -1.09 -1.64	20.53 -1.11 -2.13	22.27 -1.23 -2.59	22.35 -0.94 0.13	21.33 -1.11 -1.50	24.10 -0.94 -0.32	20.06 -1.11 -0.64	20.46 -0.77 -0.32	17.18 0.16 -0.85
HUNTLEY___66 23560	19.19 -0.32 -0.81	16.31 -0.25 -1.09	15.15 -0.24 -1.06	15.13 -0.19 -0.94	15.15 -0.20 -0.86	15.21 -0.20 -1.20	17.17 -0.64 -1.03	18.51 -1.16 0.68	18.78 -1.27 0.82	19.08 -1.19 0.62	18.73 -1.27 0.85	19.29 -1.17 0.39	19.06 -1.13 0.67	18.93 -0.97 -0.44	19.00 -1.08 -2.08	21.20 -1.09 -1.64	20.53 -1.11 -2.13	22.27 -1.23 -2.59	22.35 -0.94 0.13	21.33 -1.11 -1.50	24.10 -0.94 -0.32	20.06 -1.11 -0.64	20.46 -0.77 -0.32	17.18 0.16 -0.85
HUNTLEY___67 23561	19.12 -0.41 -0.83	16.23 -0.34 -1.11	15.10 -0.32 -1.08	15.08 -0.26 -0.96	15.09 -0.29 -0.88	15.13 -0.30 -1.23	17.13 -0.70 -1.05	18.05 -1.38 0.92	18.33 -1.46 1.09	18.61 -1.42 0.86	18.23 -1.48 1.13	18.81 -1.44 0.60	18.52 -1.40 0.94	18.51 -1.23 -0.26	18.97 -1.15 -2.12	21.17 -1.16 -1.67	20.35 -1.21 -2.05	22.24 -1.30 -2.62	21.82 -1.22 0.38	21.30 -1.17 -1.53	24.03 -1.01 -0.33	20.01 -1.17 -0.65	20.42 -0.82 -0.33	17.11 0.08 -0.86
HUNTLEY___68 23562	19.12 -0.41 -0.83	16.23 -0.34 -1.11	15.10 -0.32 -1.08	15.08 -0.26 -0.96	15.09 -0.29 -0.88	15.13 -0.30 -1.23	17.13 -0.70 -1.05	18.05 -1.38 0.92	18.33 -1.46 1.09	18.61 -1.42 0.86	18.23 -1.48 1.13	18.81 -1.44 0.60	18.52 -1.40 0.94	18.51 -1.23 -0.26	18.97 -1.15 -2.12	21.17 -1.16 -1.67	20.35 -1.21 -2.05	22.24 -1.30 -2.62	21.82 -1.22 0.38	21.30 -1.17 -1.53	24.03 -1.01 -0.33	20.01 -1.17 -0.65	20.42 -0.82 -0.33	17.11 0.08 -0.86
HYLAND___LFGE 323620	20.47 0.88 -0.89	17.34 0.68 -1.20	16.07 0.57 -1.17	16.04 0.63 -1.03	16.04 0.59 -0.95	16.13 0.61 -1.32	18.42 0.50 -1.13	27.30 -0.08 -7.03	28.23 -0.44 -7.80	27.72 -0.52 -7.35	28.26 -0.75 -8.16	26.81 -0.83 -6.80	28.39 -0.92 -8.46	25.72 -0.78 -7.02	19.68 -0.61 -2.28	21.94 -0.52 -1.80	25.91 -0.51 -6.91	24.47 -0.31 -3.87	32.27 0.21 -8.64	23.05 0.46 -1.65	25.99 0.92 -0.35	22.03 0.80 -0.70	21.79 0.52 -0.35	18.02 0.92 -0.93
INDECK___CORINTH 23802	27.52 1.44 -7.38	26.58 1.19 -9.93	25.06 1.06 -9.67	24.01 1.06 -8.58	23.42 1.07 -7.85	26.26 1.09 -10.97	27.43 1.26 -9.39	29.12 1.40 -7.37	30.10 1.52 -7.70	30.91 1.61 -8.41	30.35 1.44 -8.06	31.30 1.38 -9.08	32.06 1.27 -9.94	36.07 1.21 -15.40	37.65 1.12 -18.53	36.25 1.26 -14.34	46.71 1.17 -26.03	46.60 1.28 -24.41	39.04 1.50 -14.12	35.94 1.36 -13.65	29.49 1.85 -2.92	27.75 1.42 -5.81	25.36 1.53 -2.92	24.97 1.11 -7.69
INDECK___ILION 23567	18.68 -0.02 0.00	15.45 -0.02 0.00	14.33 0.00 0.00	14.36 -0.01 0.00	14.50 0.00 0.00	14.23 0.03 0.00	16.81 0.03 0.00	20.36 0.02 0.00	20.91 0.04 0.00	20.91 0.02 0.00	20.87 0.02 0.00	20.85 0.00 0.00	20.85 0.00 0.00	19.39 -0.08 0.00	17.92 -0.09 0.00	20.55 -0.10 0.00	19.39 -0.12 0.00	20.83 -0.08 0.00	23.35 -0.07 0.00	20.89 -0.04 0.00	24.70 -0.02 0.00	20.51 -0.02 0.00	20.87 -0.04 0.00	16.17 0.00 0.00
INDECK___OLEAN 23982	18.95 -0.73 -0.97	16.17 -0.60 -1.31	15.02 -0.59 -1.28	14.97 -0.53 -1.13	14.95 -0.58 -1.04	15.11 -0.54 -1.45	17.11 -0.91 -1.24	19.88 -1.12 -0.66	20.45 -1.09 -0.67	20.10 -1.57 -0.77	20.42 -1.13 -0.70	20.23 -1.52 -0.90	20.25 -1.54 -0.94	19.91 -1.32 -1.77	19.33 -1.17 -2.50	21.47 -1.16 -1.97	21.65 -1.29 -3.43	22.87 -1.36 -3.31	23.64 -1.29 -1.51	21.44 -1.30 -1.80	23.90 -1.21 -0.39	20.45 -0.84 -0.77	20.19 -1.11 -0.39	16.89 -0.29 -1.02
INDECK___OSWEGO 23783	18.97 -0.15 -0.42	15.92 -0.11 -0.57	14.77 -0.12 -0.55	14.75 -0.12 -0.49	14.82 -0.13 -0.45	14.71 -0.11 -0.63	17.18 -0.13 -0.54	20.48 -0.28 -0.42	21.02 -0.29 -0.44	21.10 -0.27 -0.48	21.02 -0.29 -0.46	21.08 -0.29 -0.52	21.11 -0.31 -0.57	20.04 -0.31 -0.88	18.82 -0.27 -1.08	21.24 -0.27 -0.86	20.81 -0.27 -1.57	22.12 -0.25 -1.46	23.99 -0.23 -0.81	21.49 -0.23 -0.78	24.66 -0.22 -0.17	20.68 -0.19 -0.33	20.81 -0.27 -0.17	16.55 -0.06 -0.44

INDECK___YERKES 23781	19.23 -0.28 -0.81	16.32 -0.23 -1.09	15.16 -0.23 -1.06	15.16 -0.16 -0.94	15.17 -0.19 -0.86	15.22 -0.19 -1.20	17.17 -0.64 -1.03	18.51 -1.16 0.68	18.83 -1.23 0.82	19.08 -1.19 0.62	18.75 -1.25 0.85	19.31 -1.15 0.39	19.08 -1.11 0.66	18.96 -0.95 -0.44	19.04 -1.04 -2.08	21.28 -1.01 -1.64	20.55 -1.09 -2.13	22.30 -1.21 -2.60	22.35 -0.94 0.13	21.33 -1.11 -1.50	24.10 -0.94 -0.32	20.61 -0.55 -0.64	20.48 -0.75 -0.32	17.19 0.18 -0.85
INDIAN POINT_GT_1 24139	25.17 1.10 -5.37	23.60 0.91 -7.22	22.23 0.86 -7.04	21.49 0.88 -6.24	21.08 0.87 -5.71	22.99 0.81 -7.98	24.57 0.96 -6.84	26.99 1.28 -5.37	27.90 1.42 -5.60	28.75 1.44 -6.42	28.13 1.42 -5.86	28.89 1.44 -6.61	29.63 1.46 -7.32	32.01 1.32 -11.22	33.33 1.24 -14.08	33.45 1.47 -11.33	41.93 1.42 -21.00	41.72 1.51 -19.31	35.49 1.64 -10.43	32.40 1.38 -10.09	28.43 1.58 -2.13	26.09 1.33 -4.23	24.40 1.36 -2.13	22.71 0.94 -5.60
INDIAN POINT_GT_2 23659	25.17 1.10 -5.37	23.60 0.91 -7.22	22.23 0.86 -7.04	21.49 0.88 -6.24	21.08 0.87 -5.71	22.99 0.81 -7.98	24.57 0.96 -6.84	26.99 1.28 -5.37	27.90 1.42 -5.60	28.75 1.44 -6.42	28.13 1.42 -5.86	28.89 1.44 -6.61	29.63 1.46 -7.32	32.01 1.32 -11.22	33.33 1.24 -14.08	33.45 1.47 -11.33	41.93 1.42 -21.00	41.72 1.51 -19.31	35.49 1.64 -10.43	32.40 1.38 -10.09	28.43 1.58 -2.13	26.09 1.33 -4.23	24.40 1.36 -2.13	22.71 0.94 -5.60
INDIAN POINT_GT_3 24019	25.17 1.10 -5.37	23.60 0.91 -7.22	22.23 0.86 -7.04	21.49 0.88 -6.24	21.08 0.87 -5.71	22.99 0.81 -7.98	24.57 0.96 -6.84	26.99 1.28 -5.37	27.90 1.42 -5.60	28.75 1.44 -6.42	28.13 1.42 -5.86	28.89 1.44 -6.61	29.63 1.46 -7.32	32.01 1.32 -11.22	33.33 1.24 -14.08	33.45 1.47 -11.33	41.93 1.42 -21.00	41.72 1.51 -19.31	35.49 1.64 -10.43	32.40 1.38 -10.09	28.43 1.58 -2.13	26.09 1.33 -4.23	24.40 1.36 -2.13	22.71 0.94 -5.60
INDIAN POINT___2 23530	25.07 1.08 -5.29	23.46 0.88 -7.11	22.11 0.85 -6.93	21.37 0.85 -6.15	20.96 0.84 -5.63	22.85 0.79 -7.86	24.45 0.94 -6.73	26.87 1.24 -5.29	27.77 1.38 -5.52	28.54 1.40 -6.25	28.00 1.38 -5.78	28.77 1.42 -6.51	29.56 1.42 -7.29	31.93 1.28 -11.18	33.23 1.21 -14.02	33.35 1.42 -11.27	41.76 1.37 -20.89	41.59 1.46 -19.21	35.24 1.57 -10.25	32.19 1.34 -9.91	28.40 1.56 -2.12	26.10 1.35 -4.22	24.37 1.34 -2.12	22.67 0.92 -5.58
INDIAN POINT___3 23531	25.16 1.08 -5.37	23.57 0.88 -7.23	22.22 0.85 -7.04	21.48 0.86 -6.24	21.06 0.86 -5.71	22.98 0.80 -7.98	24.56 0.94 -6.84	26.95 1.24 -5.37	27.85 1.38 -5.61	28.80 1.40 -6.51	28.09 1.38 -5.86	28.85 1.40 -6.61	29.57 1.40 -7.32	31.98 1.29 -11.22	33.28 1.19 -14.08	33.39 1.40 -11.33	41.88 1.37 -21.00	41.66 1.44 -19.31	35.40 1.55 -10.44	32.37 1.34 -10.09	28.38 1.53 -2.13	26.07 1.31 -4.23	24.38 1.34 -2.13	22.69 0.92 -5.60
INGHAM_C_115KV_TB7 356103	18.53 -0.17 0.00	15.32 -0.14 0.00	14.23 -0.10 0.00	14.26 -0.11 0.00	14.41 -0.09 0.00	14.17 -0.03 0.00	16.76 -0.02 0.00	20.28 -0.06 0.00	20.81 -0.06 0.00	20.79 -0.10 0.00	20.72 -0.13 0.00	20.70 -0.15 0.00	20.68 -0.17 0.00	19.20 -0.27 0.00	17.72 -0.29 0.00	20.30 -0.35 0.00	19.16 -0.35 0.00	20.56 -0.36 0.00	23.07 -0.35 0.00	20.64 -0.29 0.00	24.42 -0.30 0.00	20.30 -0.23 0.00	20.68 -0.23 0.00	16.04 -0.13 0.00
IP CORINTH___1 23988	27.50 1.42 -7.38	26.58 1.19 -9.93	25.06 1.06 -9.67	24.01 1.06 -8.58	23.42 1.07 -7.85	26.26 1.09 -10.97	27.43 1.26 -9.39	29.12 1.40 -7.37	30.10 1.52 -7.70	30.91 1.61 -8.41	30.35 1.44 -8.06	31.30 1.38 -9.08	32.07 1.27 -9.95	36.10 1.21 -15.42	37.68 1.12 -18.55	36.27 1.26 -14.36	46.75 1.17 -26.07	46.64 1.28 -24.45	39.04 1.50 -14.12	35.94 1.36 -13.65	29.50 1.85 -2.92	27.70 1.35 -5.82	25.36 1.53 -2.92	24.99 1.12 -7.70
IP___TICONDEROGA 23804	28.44 2.38 -7.36	27.35 1.98 -9.91	25.77 1.78 -9.66	24.70 1.77 -8.56	24.12 1.78 -7.84	26.99 1.85 -10.95	28.31 2.15 -9.38	30.19 2.48 -7.36	31.21 2.65 -7.69	32.11 2.82 -8.39	31.58 2.69 -8.05	32.48 2.56 -9.06	33.04 2.25 -9.93	36.93 2.06 -15.39	38.39 1.87 -18.51	37.06 2.09 -14.32	47.47 1.97 -25.99	47.43 2.13 -24.39	40.04 2.53 -14.09	36.82 2.26 -13.63	30.85 3.21 -2.92	28.67 2.34 -5.81	26.34 2.51 -2.92	25.68 1.83 -7.69
ISLIP_RES_REC 323679	36.27 2.28 -15.28	32.93 1.89 -15.58	29.91 1.76 -13.82	25.90 1.77 -9.76	26.89 1.75 -10.64	29.96 1.70 -14.06	31.40 2.08 -12.54	33.11 2.63 -10.14	34.19 2.84 -10.48	39.28 2.86 -15.52	37.93 2.52 -14.56	46.11 2.61 -22.65	42.98 2.54 -19.58	46.02 2.35 -24.20	45.93 2.18 -25.75	48.77 2.54 -25.58	67.30 2.42 -45.38	70.94 2.59 -47.43	43.60 2.86 -17.33	43.29 2.57 -19.78	49.86 3.04 -22.10	37.19 2.63 -14.04	31.68 2.72 -8.05	33.56 2.07 -15.33
JAMAICA__27_KV_LOAD 355505	25.52 1.37 -5.45	23.88 1.08 -7.34	22.47 0.99 -7.15	21.70 0.99 -6.34	21.28 0.99 -5.80	23.25 0.95 -8.10	24.91 1.19 -6.94	27.48 1.69 -5.45	28.48 1.92 -5.69	29.32 1.96 -6.47	28.55 1.75 -5.95	29.35 1.79 -6.71	30.01 1.73 -7.43	32.46 1.60 -11.39	33.80 1.49 -14.30	33.85 1.69 -11.51	42.56 1.72 -21.33	42.37 1.84 -19.61	35.91 1.92 -10.58	32.88 1.72 -10.22	28.86 1.98 -2.16	26.53 1.70 -4.30	24.91 1.84 -2.16	23.04 1.18 -5.69
JANIS___SOLAR 323808	21.02 0.97 -1.34	18.06 0.79 -1.81	16.81 0.72 -1.76	16.64 0.70 -1.56	16.59 0.67 -1.43	16.91 0.71 -2.00	19.40 0.91 -1.71	23.05 0.96 -1.75	23.58 0.86 -1.85	23.54 0.71 -1.94	23.41 0.62 -1.94	23.40 0.52 -2.03	23.61 0.46 -2.30	22.97 0.35 -3.15	21.80 0.34 -3.45	23.89 0.52 -2.72	25.20 0.47 -5.23	26.33 0.73 -4.69	27.55 1.10 -3.03	24.39 0.96 -2.49	26.51 1.26 -0.53	22.55 0.97 -1.06	22.20 0.75 -0.53	18.38 0.81 -1.40
JARVIS____ 23743	18.72 0.02 0.00	15.48 0.02 0.00	14.35 0.01 0.00	14.39 0.01 0.00	14.53 0.03 0.00	14.23 0.03 0.00	16.81 0.03 0.00	20.36 0.02 0.00	20.89 0.02 0.00	20.91 0.02 0.00	20.87 0.02 0.00	20.85 0.00 0.00	20.85 0.00 0.00	19.45 -0.02 0.00	17.99 -0.02 0.00	20.65 0.00 0.00	19.49 -0.02 0.00	20.91 0.00 0.00	23.44 0.02 0.00	20.98 0.04 0.00	24.77 0.05 0.00	20.57 0.04 0.00	20.96 0.04 0.00	16.22 0.05 0.00
JENNISON___1 23625	21.44 1.05 -1.69	18.58 0.85 -2.27	17.35 0.80 -2.21	17.08 0.75 -1.96	17.00 0.71 -1.79	17.46 0.75 -2.51	19.83 0.91 -2.15	23.07 1.04 -1.69	23.70 1.06 -1.76	23.74 0.94 -1.91	23.65 0.96 -1.84	23.78 0.85 -2.07	23.99 0.85 -2.29	23.68 0.68 -3.52	22.94 0.61 -4.33	24.85 0.78 -3.41	26.45 0.68 -6.26	27.62 0.90 -5.81	27.87 1.22 -3.23	25.11 1.05 -3.13	26.75 1.36 -0.67	22.78 0.92 -1.33	22.42 0.84 -0.67	18.77 0.84 -1.76
JENNISON___2 23626	21.44 1.05 -1.69	18.58 0.85 -2.27	17.35 0.80 -2.21	17.08 0.75 -1.96	17.00 0.71 -1.79	17.46 0.75 -2.51	19.83 0.91 -2.15	23.07 1.04 -1.69	23.70 1.06 -1.76	23.74 0.94 -1.91	23.65 0.96 -1.84	23.78 0.85 -2.07	23.99 0.85 -2.29	23.68 0.68 -3.52	22.94 0.61 -4.33	24.85 0.78 -3.41	26.45 0.68 -6.26	27.62 0.90 -5.81	27.87 1.22 -3.23	25.11 1.05 -3.13	26.75 1.36 -0.67	22.78 0.92 -1.33	22.42 0.84 -0.67	18.77 0.84 -1.76

JERICO_RISE_WT_PWR 323719	17.84 -0.86 0.00	14.72 -0.74 0.00	13.67 -0.66 0.00	13.67 -0.70 0.00	13.92 -0.58 0.00	13.56 -0.64 0.00	16.23 -0.55 0.00	19.98 -0.37 0.00	20.27 -0.61 0.00	20.31 -0.58 0.00	20.22 -0.62 0.00	20.43 -0.42 0.00	20.37 -0.48 0.00	18.85 -0.62 0.00	17.30 -0.70 0.00	19.62 -1.03 0.00	18.63 -0.88 0.00	19.93 -0.98 0.00	22.27 -1.15 0.00	20.04 -0.90 0.00	23.49 -1.24 0.00	19.46 -1.07 0.00	19.91 -1.00 0.00	15.23 -0.94 0.00
KATONAH__115KV_46KV_TB4 355592	25.48 1.20 -5.58	23.95 0.97 -7.51	22.58 0.93 -7.32	21.81 0.95 -6.49	21.35 0.91 -5.94	23.39 0.89 -8.29	24.93 1.04 -7.11	27.29 1.36 -5.58	28.22 1.52 -5.83	28.93 1.53 -6.51	28.47 1.52 -6.10	29.26 1.54 -6.87	30.13 1.67 -7.61	32.67 1.54 -11.66	34.08 1.44 -14.63	34.14 1.71 -11.77	42.99 1.66 -21.82	42.73 1.76 -20.06	36.09 1.92 -10.75	32.84 1.51 -10.40	28.64 1.71 -2.21	26.38 1.46 -4.40	24.57 1.44 -2.21	23.01 1.02 -5.83
KCE_NY_1 323755	27.33 1.27 -7.35	26.42 1.07 -9.89	24.93 0.96 -9.64	23.88 0.96 -8.55	23.29 0.97 -7.82	26.11 0.98 -10.93	27.27 1.12 -9.36	28.96 1.26 -7.35	29.90 1.36 -7.68	30.67 1.40 -8.38	30.24 1.35 -8.03	31.19 1.29 -9.05	31.98 1.23 -9.90	35.98 1.17 -15.34	37.53 1.08 -18.44	36.15 1.24 -14.26	46.53 1.15 -25.87	46.45 1.25 -24.28	38.94 1.45 -14.07	35.86 1.32 -13.60	29.31 1.68 -2.91	27.65 1.33 -5.79	25.20 1.38 -2.91	24.84 1.00 -7.66
KCE_NY_6_ESR 323823	19.25 -0.32 -0.86	16.35 -0.28 -1.16	15.19 -0.27 -1.13	15.17 -0.20 -1.00	15.17 -0.25 -0.92	15.25 -0.23 -1.28	17.26 -0.62 -1.10	18.22 -1.18 0.94	18.52 -1.23 1.12	18.68 -1.32 0.89	18.43 -1.25 1.17	18.95 -1.27 0.62	18.63 -1.25 0.97	18.66 -1.09 -0.28	19.21 -1.01 -2.21	21.43 -0.97 -1.75	20.60 -1.05 -2.14	22.50 -1.15 -2.74	21.95 -1.08 0.39	21.49 -1.05 -1.60	24.20 -0.87 -0.34	20.70 -0.51 -0.68	20.54 -0.71 -0.34	17.21 0.15 -0.90
KEDC_PORT_JEFF_GT2 24210	36.06 2.06 -15.30	32.76 1.72 -15.58	29.77 1.62 -13.82	25.74 1.61 -9.76	26.74 1.61 -10.64	29.82 1.56 -14.06	31.22 1.90 -12.54	32.86 2.38 -10.14	33.92 2.57 -10.48	39.71 2.59 -16.23	38.48 2.23 -15.40	46.50 2.31 -23.33	43.19 2.25 -20.09	47.82 1.95 -26.40	45.54 1.78 -25.75	48.32 2.09 -25.59	71.70 2.01 -50.18	76.75 2.15 -53.68	43.62 2.36 -17.84	43.19 2.18 -20.08	50.30 2.57 -23.01	37.01 2.34 -14.14	31.45 2.49 -8.05	34.11 1.89 -16.05
KEDC_PORT_JEFF_GT3 24211	36.06 2.06 -15.30	32.76 1.72 -15.58	29.77 1.62 -13.82	25.74 1.61 -9.76	26.74 1.61 -10.64	29.82 1.56 -14.06	31.22 1.90 -12.54	32.86 2.38 -10.14	33.92 2.57 -10.48	39.71 2.59 -16.23	38.48 2.23 -15.40	46.50 2.31 -23.33	43.19 2.25 -20.09	47.82 1.95 -26.40	45.54 1.78 -25.75	48.32 2.09 -25.59	71.70 2.01 -50.18	76.75 2.15 -53.68	43.62 2.36 -17.84	43.19 2.18 -20.08	50.30 2.57 -23.01	37.01 2.34 -14.14	31.45 2.49 -8.05	34.11 1.89 -16.05
KEDC_GLWD_GT4 24219	35.46 1.53 -15.23	32.30 1.25 -15.58	29.32 1.18 -13.82	25.31 1.18 -9.76	26.31 1.17 -10.64	29.38 1.12 -14.06	30.67 1.34 -12.54	32.23 1.75 -10.14	33.26 1.92 -10.47	34.26 1.94 -11.42	31.96 1.90 -9.22	33.99 1.84 -11.30	33.90 1.84 -11.21	36.02 1.67 -14.87	45.31 1.57 -25.74	48.06 1.84 -25.57	46.34 1.78 -25.05	43.79 1.88 -21.00	40.62 2.04 -15.16	37.21 1.74 -14.54	33.18 2.03 -6.43	34.33 1.74 -12.06	30.82 1.86 -8.05	29.74 1.33 -12.25
KEDC_GLWD_GT5 24220	35.46 1.53 -15.23	32.30 1.25 -15.58	29.32 1.18 -13.82	25.31 1.18 -9.76	26.31 1.17 -10.64	29.38 1.12 -14.06	30.67 1.34 -12.54	32.23 1.75 -10.14	33.26 1.92 -10.47	34.26 1.94 -11.42	31.96 1.90 -9.22	33.99 1.84 -11.30	33.90 1.84 -11.21	36.02 1.67 -14.87	45.31 1.57 -25.74	48.06 1.84 -25.57	46.34 1.78 -25.05	43.79 1.88 -21.00	40.62 2.04 -15.16	37.21 1.74 -14.54	33.18 2.03 -6.43	34.33 1.74 -12.06	30.82 1.86 -8.05	29.74 1.33 -12.25
KENSICO____ 23655	25.33 1.20 -5.43	23.74 0.97 -7.30	22.37 0.92 -7.12	21.62 0.93 -6.31	21.20 0.93 -5.78	23.15 0.88 -8.07	24.73 1.04 -6.91	27.15 1.38 -5.43	28.08 1.54 -5.67	28.92 1.57 -6.46	28.30 1.52 -5.93	29.09 1.56 -6.68	29.81 1.56 -7.40	32.24 1.42 -11.35	33.58 1.33 -14.24	33.66 1.55 -11.46	42.26 1.50 -21.24	42.03 1.59 -19.53	35.67 1.71 -10.55	32.62 1.49 -10.20	28.58 1.71 -2.15	26.24 1.44 -4.28	24.55 1.48 -2.15	22.85 1.02 -5.67
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	24.81 1.03 -5.08	23.11 0.82 -6.83	21.76 0.77 -6.65	21.05 0.78 -5.90	20.67 0.77 -5.40	22.47 0.72 -7.54	24.10 0.86 -6.46	26.52 1.10 -5.07	27.40 1.23 -5.30	27.85 1.23 -5.72	27.62 1.23 -5.54	28.37 1.27 -6.25	29.15 1.40 -6.90	31.33 1.25 -10.61	32.36 1.17 -13.18	32.54 1.38 -10.51	40.26 1.37 -19.38	40.30 1.48 -17.90	34.82 1.66 -9.74	31.76 1.40 -9.42	28.34 1.61 -2.01	25.84 1.31 -4.00	24.24 1.32 -2.01	22.39 0.92 -5.30
KIAC_JFK_GT1 23816	25.42 1.27 -5.45	23.80 1.01 -7.34	22.40 0.92 -7.15	21.63 0.92 -6.34	21.21 0.91 -5.80	23.18 0.88 -8.10	24.83 1.11 -6.94	27.38 1.59 -5.45	28.38 1.82 -5.69	29.22 1.86 -6.47	28.43 1.63 -5.95	29.22 1.67 -6.71	29.82 1.54 -7.43	32.30 1.44 -11.39	33.66 1.35 -14.30	33.69 1.53 -11.51	42.39 1.54 -21.33	42.18 1.65 -19.61	35.73 1.73 -10.58	32.71 1.55 -10.22	28.71 1.83 -2.16	26.41 1.58 -4.30	24.79 1.71 -2.16	22.96 1.10 -5.69
KIAC_JFK_GT2 23817	25.42 1.27 -5.45	23.80 1.01 -7.34	22.40 0.92 -7.15	21.63 0.92 -6.34	21.21 0.91 -5.80	23.18 0.88 -8.10	24.83 1.11 -6.94	27.38 1.59 -5.45	28.38 1.82 -5.69	29.22 1.86 -6.47	28.43 1.63 -5.95	29.22 1.67 -6.71	29.82 1.54 -7.43	32.30 1.44 -11.39	33.66 1.35 -14.30	33.69 1.53 -11.51	42.39 1.54 -21.33	42.18 1.65 -19.61	35.73 1.73 -10.58	32.71 1.55 -10.22	28.71 1.83 -2.16	26.41 1.58 -4.30	24.79 1.71 -2.16	22.96 1.10 -5.69
KIAC_JFK____ 323774	25.42 1.27 -5.45	23.80 1.00 -7.34	22.40 0.92 -7.15	21.63 0.92 -6.34	21.21 0.91 -5.80	23.18 0.88 -8.10	24.83 1.11 -6.94	27.38 1.59 -5.45	28.38 1.81 -5.69	29.22 1.86 -6.47	28.43 1.63 -5.95	29.22 1.67 -6.71	29.92 1.54 -7.52	32.44 1.44 -11.53	33.81 1.33 -14.47	33.83 1.53 -11.64	42.66 1.56 -21.58	42.41 1.65 -19.84	35.73 1.73 -10.58	32.69 1.53 -10.22	28.74 1.83 -2.19	26.48 1.60 -4.35	24.81 1.72 -2.18	23.03 1.10 -5.76
KINTIGH____ 23543	19.17 -0.24 -0.71	16.22 -0.20 -0.96	15.08 -0.19 -0.93	15.06 -0.14 -0.83	15.10 -0.16 -0.76	15.08 -0.18 -1.06	17.19 -0.50 -0.91	18.94 -1.22 0.19	19.21 -1.40 0.26	19.67 -1.11 0.12	19.18 -1.40 0.27	19.75 -1.15 -0.05	19.65 -1.11 0.09	19.21 -0.99 -0.74	18.94 -0.90 -1.83	21.23 -0.87 -1.44	20.70 -0.94 -2.12	22.25 -1.00 -2.34	22.84 -0.94 -0.36	21.40 -0.86 -1.32	24.29 -0.72 -0.28	20.19 -0.90 -0.56	20.61 -0.59 -0.28	17.06 0.15 -0.74
KNTFSRNC_46_KV_46KV_LOAD 80397	17.99 -0.71 0.00	14.84 -0.62 0.00	13.79 -0.54 0.00	13.78 -0.59 0.00	14.02 -0.48 0.00	13.65 -0.55 0.00	16.36 -0.42 0.00	20.16 -0.18 0.00	20.37 -0.50 0.00	20.39 -0.50 0.00	20.31 -0.54 0.00	20.62 -0.23 0.00	20.54 -0.31 0.00	18.98 -0.49 0.00	17.41 -0.59 0.00	19.76 -0.89 0.00	18.77 -0.74 0.00	20.10 -0.82 0.00	22.48 -0.94 0.00	20.20 -0.73 0.00	23.68 -1.04 0.00	19.75 -0.78 0.00	20.01 -0.90 0.00	15.34 -0.82 0.00

LACHUTE___HYDRO 323717	28.44 2.38 -7.36	27.36 1.98 -9.91	25.77 1.78 -9.66	24.70 1.77 -8.56	24.12 1.78 -7.84	26.99 1.85 -10.95	28.31 2.15 -9.38	30.19 2.48 -7.36	31.21 2.65 -7.69	32.11 2.82 -8.39	31.56 2.67 -8.05	32.48 2.56 -9.06	33.02 2.25 -9.92	36.90 2.06 -15.37	38.37 1.87 -18.49	37.06 2.11 -14.30	47.43 1.97 -25.95	47.40 2.13 -24.35	40.04 2.53 -14.09	36.82 2.26 -13.63	30.82 3.19 -2.91	28.75 2.42 -5.80	26.33 2.51 -2.91	25.67 1.83 -7.68
LAWRNCAV_115KV_TB1 80681	17.77 -0.94 0.00	14.66 -0.80 0.00	13.62 -0.72 0.00	13.60 -0.78 0.00	13.76 -0.74 0.00	13.46 -0.74 0.00	15.98 -0.81 0.00	19.55 -0.79 0.00	19.97 -0.90 0.00	19.97 -0.92 0.00	19.95 -0.90 0.00	19.97 -0.88 0.00	19.95 -0.90 0.00	18.65 -0.82 0.00	17.27 -0.74 0.00	19.52 -1.14 0.00	18.63 -0.88 0.00	19.87 -1.05 0.00	22.20 -1.22 0.00	19.93 -1.00 0.00	23.41 -1.31 0.00	19.54 -0.99 0.00	19.78 -1.13 0.00	15.17 -1.00 0.00
LEDERLE___ 23769	24.98 1.08 -5.19	23.35 0.90 -6.99	22.00 0.86 -6.81	21.29 0.88 -6.04	20.89 0.87 -5.53	22.73 0.81 -7.72	24.33 0.94 -6.61	26.78 1.24 -5.19	27.69 1.40 -5.42	27.84 1.42 -5.53	27.92 1.40 -5.67	28.68 1.44 -6.39	29.39 1.46 -7.08	31.65 1.32 -10.85	32.86 1.24 -13.61	33.06 1.47 -10.94	41.19 1.40 -20.27	41.06 1.51 -18.65	35.12 1.64 -10.06	32.04 1.38 -9.73	28.38 1.61 -2.06	25.98 1.35 -4.09	24.33 1.36 -2.06	22.53 0.94 -5.42
LIGHTHSE_115KV_TB6 355974	19.11 0.02 -0.38	16.00 0.02 -0.52	14.84 0.00 -0.50	14.81 -0.01 -0.45	14.86 -0.04 -0.41	14.77 0.00 -0.57	17.29 0.02 -0.49	20.63 -0.10 -0.38	21.15 -0.13 -0.40	21.22 -0.10 -0.44	21.06 -0.21 -0.42	21.09 -0.23 -0.47	21.14 -0.23 -0.52	20.02 -0.25 -0.80	18.76 -0.23 -0.99	21.16 -0.27 -0.78	20.67 -0.27 -1.43	22.05 -0.19 -1.33	24.06 -0.09 -0.74	21.59 -0.06 -0.71	24.85 -0.02 -0.15	20.75 -0.08 -0.30	20.92 -0.15 -0.15	16.60 0.03 -0.40
LINDEN COGEN___ 23786	25.39 1.23 -5.45	23.79 0.99 -7.34	22.38 0.90 -7.15	21.62 0.91 -6.34	21.20 0.90 -5.80	23.17 0.87 -8.10	24.78 1.06 -6.94	27.26 1.47 -5.45	28.21 1.65 -5.69	29.03 1.67 -6.47	28.43 1.63 -5.95	29.20 1.65 -6.71	30.02 1.65 -7.52	32.46 1.46 -11.53	33.83 1.35 -14.47	33.85 1.55 -11.64	42.64 1.54 -21.58	42.37 1.61 -19.84	35.70 1.71 -10.58	32.67 1.51 -10.22	28.66 1.76 -2.19	26.42 1.54 -4.35	24.69 1.59 -2.18	23.00 1.07 -5.76
LINDHRST_69_KV_BK1 356055	35.90 1.96 -15.23	32.69 1.64 -15.58	29.67 1.52 -13.82	25.67 1.54 -9.76	26.67 1.54 -10.64	29.74 1.48 -14.06	31.10 1.78 -12.54	32.74 2.26 -10.14	33.81 2.46 -10.47	35.22 2.49 -11.84	32.99 2.27 -9.87	37.23 2.36 -14.02	36.33 2.36 -13.13	37.15 2.10 -15.58	45.52 1.94 -25.57	48.36 2.27 -25.44	48.32 2.17 -26.65	46.38 2.30 -23.17	41.35 2.58 -15.36	39.09 2.34 -15.81	37.65 2.74 -10.18	35.34 2.32 -12.49	31.36 2.43 -8.02	30.46 1.79 -12.49
LIPA_MISC_IPP 23656	36.10 2.11 -15.28	32.81 1.76 -15.58	29.81 1.66 -13.82	25.78 1.65 -9.76	26.78 1.65 -10.64	29.86 1.60 -14.06	31.27 1.95 -12.54	32.90 2.42 -10.14	33.98 2.63 -10.48	39.67 2.65 -16.12	38.42 2.36 -15.21	45.57 2.44 -22.28	42.41 2.34 -19.22	46.08 2.12 -24.49	45.53 1.94 -25.58	48.35 2.25 -25.45	67.73 2.17 -46.06	71.64 2.32 -48.41	43.40 2.55 -17.43	42.88 2.34 -19.60	48.99 2.72 -21.55	36.74 2.30 -13.91	31.42 2.49 -8.02	33.46 1.91 -15.39
LISF___SOLAR 323691	36.14 2.15 -15.29	32.84 1.79 -15.58	29.84 1.69 -13.82	25.81 1.68 -9.76	26.81 1.68 -10.64	29.89 1.63 -14.06	31.30 1.98 -12.54	32.96 2.48 -10.14	34.02 2.67 -10.48	39.66 2.70 -16.08	38.41 2.40 -15.17	45.74 2.48 -22.41	42.61 2.36 -19.40	46.35 2.14 -24.74	45.72 1.96 -25.75	48.53 2.29 -25.58	68.27 2.20 -46.55	72.26 2.38 -48.96	43.49 2.62 -17.45	42.96 2.37 -19.66	49.26 2.79 -21.75	36.92 2.40 -13.99	31.49 2.53 -8.05	33.59 1.92 -15.49
LITTLE FALLS___HYD 24013	18.53 -0.17 0.00	15.32 -0.14 0.00	14.23 -0.10 0.00	14.26 -0.11 0.00	14.41 -0.09 0.00	14.17 -0.03 0.00	16.76 -0.02 0.00	20.28 -0.06 0.00	20.81 -0.06 0.00	20.79 -0.10 0.00	20.72 -0.13 0.00	20.70 -0.15 0.00	20.68 -0.17 0.00	19.20 -0.27 0.00	17.72 -0.29 0.00	20.30 -0.35 0.00	19.16 -0.35 0.00	20.56 -0.36 0.00	23.07 -0.35 0.00	20.64 -0.29 0.00	24.42 -0.30 0.00	20.30 -0.23 0.00	20.68 -0.23 0.00	16.04 -0.13 0.00
LITTLRIV_115KV_TB1 356100	17.94 -0.77 0.00	14.80 -0.66 0.00	13.74 -0.59 0.00	13.73 -0.65 0.00	13.86 -0.64 0.00	13.58 -0.62 0.00	16.13 -0.65 0.00	19.73 -0.61 0.00	20.16 -0.71 0.00	20.14 -0.75 0.00	20.16 -0.69 0.00	20.16 -0.69 0.00	20.16 -0.69 0.00	18.77 -0.70 0.00	17.38 -0.63 0.00	19.64 -1.01 0.00	18.75 -0.76 0.00	20.03 -0.88 0.00	22.39 -1.03 0.00	20.10 -0.84 0.00	23.63 -1.09 0.00	19.69 -0.84 0.00	19.89 -1.02 0.00	15.26 -0.91 0.00
LI_NEWBRDGE___DRP 323616	35.43 1.50 -15.23	32.30 1.25 -15.58	29.32 1.18 -13.82	25.32 1.19 -9.76	26.32 1.19 -10.64	29.38 1.12 -14.06	30.67 1.34 -12.54	32.21 1.73 -10.14	33.24 1.90 -10.47	34.24 1.92 -11.42	31.82 1.75 -9.22	33.97 1.81 -11.30	33.77 1.79 -11.12	35.86 1.65 -14.73	45.11 1.53 -25.57	47.87 1.78 -25.44	46.03 1.72 -24.80	43.50 1.82 -20.77	40.57 1.99 -15.16	37.21 1.74 -14.54	33.15 2.03 -6.40	34.28 1.74 -12.00	30.79 1.86 -8.02	29.65 1.34 -12.14
LOCKPORT_115KV_TB60_63_64 80432	19.07 -0.41 -0.77	16.17 -0.34 -1.04	15.02 -0.33 -1.02	15.00 -0.27 -0.90	15.03 -0.29 -0.82	15.07 -0.28 -1.15	17.05 -0.72 -0.99	18.59 -1.26 0.50	18.84 -1.42 0.61	19.19 -1.25 0.45	18.81 -1.40 0.64	19.35 -1.25 0.24	19.17 -1.21 0.47	18.94 -1.07 -0.54	18.81 -1.19 -1.99	21.02 -1.20 -1.57	20.40 -1.23 -2.12	22.08 -1.34 -2.50	22.42 -1.03 -0.03	21.18 -1.19 -1.44	23.99 -1.04 -0.31	19.95 -1.19 -0.61	20.38 -0.84 -0.31	17.06 0.08 -0.81
LOCKPORT___CC1 323769	19.09 -0.39 -0.78	16.17 -0.34 -1.05	15.04 -0.32 -1.02	15.04 -0.24 -0.91	15.04 -0.29 -0.83	15.06 -0.30 -1.16	17.05 -0.72 -0.99	18.43 -1.32 0.60	18.73 -1.42 0.72	19.00 -1.34 0.55	18.68 -1.42 0.75	19.20 -1.31 0.33	18.99 -1.27 0.58	18.80 -1.13 -0.46	18.84 -1.17 -2.01	21.08 -1.16 -1.58	20.37 -1.23 -2.08	22.09 -1.34 -2.51	22.25 -1.10 0.07	21.17 -1.21 -1.45	23.99 -1.04 -0.31	20.49 -0.66 -0.62	20.39 -0.84 -0.31	17.07 0.08 -0.82
LOCKPORT___CC2 323770	19.09 -0.39 -0.78	16.17 -0.34 -1.05	15.04 -0.32 -1.02	15.04 -0.24 -0.91	15.04 -0.29 -0.83	15.06 -0.30 -1.16	17.05 -0.72 -0.99	18.43 -1.32 0.60	18.73 -1.42 0.72	19.00 -1.34 0.55	18.68 -1.42 0.75	19.20 -1.31 0.33	18.99 -1.27 0.58	18.80 -1.13 -0.46	18.84 -1.17 -2.01	21.08 -1.16 -1.58	20.37 -1.23 -2.08	22.09 -1.34 -2.51	22.25 -1.10 0.07	21.17 -1.21 -1.45	23.99 -1.04 -0.31	20.49 -0.66 -0.62	20.39 -0.84 -0.31	17.07 0.08 -0.82
LOCKPORT___CC3 323771	19.09 -0.39 -0.78	16.17 -0.34 -1.05	15.04 -0.32 -1.02	15.04 -0.24 -0.91	15.04 -0.29 -0.83	15.06 -0.30 -1.16	17.05 -0.72 -0.99	18.43 -1.32 0.60	18.73 -1.42 0.72	19.00 -1.34 0.55	18.68 -1.42 0.75	19.20 -1.31 0.33	18.99 -1.27 0.58	18.80 -1.13 -0.46	18.84 -1.17 -2.01	21.08 -1.16 -1.58	20.37 -1.23 -2.08	22.09 -1.34 -2.51	22.25 -1.10 0.07	21.17 -1.21 -1.45	23.99 -1.04 -0.31	20.49 -0.66 -0.62	20.39 -0.84 -0.31	17.07 0.08 -0.82

LONG_LAKE_PHOENIX 24014	19.08 -0.06 -0.43	16.00 -0.05 -0.58	14.83 -0.07 -0.57	14.82 -0.06 -0.50	14.88 -0.07 -0.46	14.79 -0.06 -0.64	17.26 -0.07 -0.55	20.57 -0.20 -0.43	21.09 -0.23 -0.45	21.19 -0.19 -0.49	21.11 -0.21 -0.47	21.17 -0.21 -0.53	21.23 -0.21 -0.59	20.16 -0.21 -0.90	18.92 -0.20 -1.11	21.34 -0.19 -0.87	20.92 -0.20 -1.60	22.24 -0.17 -1.49	24.13 -0.12 -0.83	21.59 -0.15 -0.80	24.79 -0.10 -0.17	20.68 -0.18 -0.34	20.90 -0.19 -0.17	16.64 0.02 -0.45
LOVETT___3 23632	24.91 0.99 -5.22	23.30 0.82 -7.02	21.97 0.80 -6.84	21.26 0.82 -6.06	20.86 0.81 -5.55	22.69 0.74 -7.75	24.28 0.86 -6.64	26.70 1.14 -5.21	27.61 1.29 -5.45	27.74 1.32 -5.53	27.82 1.27 -5.70	28.58 1.31 -6.42	29.27 1.31 -7.11	31.58 1.21 -10.90	32.79 1.12 -13.67	32.97 1.32 -10.99	41.15 1.27 -20.37	41.01 1.36 -18.73	34.98 1.45 -10.11	31.97 1.26 -9.77	28.24 1.46 -2.07	25.87 1.23 -4.11	24.21 1.23 -2.07	22.45 0.84 -5.44
LOVETT___4 23642	24.91 0.99 -5.22	23.30 0.82 -7.02	21.97 0.80 -6.84	21.26 0.82 -6.06	20.86 0.81 -5.55	22.69 0.74 -7.75	24.28 0.86 -6.64	26.70 1.14 -5.21	27.61 1.29 -5.45	27.74 1.32 -5.53	27.82 1.27 -5.70	28.58 1.31 -6.42	29.27 1.31 -7.11	31.58 1.21 -10.90	32.79 1.12 -13.67	32.97 1.32 -10.99	41.15 1.27 -20.37	41.01 1.36 -18.73	34.98 1.45 -10.11	31.97 1.26 -9.77	28.24 1.46 -2.07	25.87 1.23 -4.11	24.21 1.23 -2.07	22.45 0.84 -5.44
LOVETT___5 23593	24.91 0.99 -5.22	23.30 0.82 -7.02	21.97 0.80 -6.84	21.26 0.82 -6.06	20.86 0.81 -5.55	22.69 0.74 -7.75	24.28 0.86 -6.64	26.70 1.14 -5.21	27.61 1.29 -5.45	27.74 1.32 -5.53	27.82 1.27 -5.70	28.58 1.31 -6.42	29.27 1.31 -7.11	31.58 1.21 -10.90	32.79 1.12 -13.67	32.97 1.32 -10.99	41.15 1.27 -20.37	41.01 1.36 -18.73	34.98 1.45 -10.11	31.97 1.26 -9.77	28.24 1.46 -2.07	25.87 1.23 -4.11	24.21 1.23 -2.07	22.45 0.84 -5.44
LOWER_RAQUET___HYD 24057	17.62 -1.09 0.00	14.55 -0.91 0.00	13.52 -0.82 0.00	13.48 -0.89 0.00	13.64 -0.86 0.00	13.36 -0.84 0.00	15.87 -0.91 0.00	19.43 -0.92 0.00	19.85 -1.02 0.00	19.85 -1.04 0.00	19.81 -1.04 0.00	19.83 -1.02 0.00	19.81 -1.04 0.00	18.50 -0.97 0.00	17.11 -0.90 0.00	19.33 -1.32 0.00	18.48 -1.03 0.00	19.72 -1.19 0.00	22.04 -1.38 0.00	19.80 -1.13 0.00	23.24 -1.48 0.00	19.24 -1.29 0.00	19.62 -1.30 0.00	15.04 -1.13 0.00
LOWER___HUDSON 24059	26.80 0.90 -7.20	25.90 0.74 -9.69	24.45 0.67 -9.44	23.44 0.69 -8.37	22.86 0.70 -7.67	25.60 0.70 -10.71	26.74 0.79 -9.17	28.42 0.87 -7.20	29.35 0.96 -7.52	30.07 0.96 -8.21	29.70 0.98 -7.87	30.65 0.94 -8.86	31.43 0.90 -9.68	35.36 0.86 -15.03	36.76 0.79 -17.96	35.37 0.91 -13.81	45.32 0.84 -24.97	45.34 0.92 -23.51	38.26 1.05 -13.78	35.24 0.98 -13.32	28.78 1.21 -2.85	27.18 0.99 -5.67	24.74 0.98 -2.85	24.40 0.73 -7.51
LOWVILLE_115KV_TB2 356335	18.71 -0.19 -0.19	15.54 -0.19 -0.26	14.47 -0.11 -0.26	14.43 -0.17 -0.23	14.50 -0.20 -0.21	14.46 -0.03 -0.29	17.05 0.02 -0.25	20.56 0.02 -0.19	21.05 -0.02 -0.20	21.05 -0.06 -0.22	20.71 -0.35 -0.21	20.67 -0.42 -0.24	20.65 -0.46 -0.26	19.39 -0.49 -0.41	18.04 -0.47 -0.50	20.45 -0.60 -0.39	19.73 -0.51 -0.72	21.27 -0.31 -0.67	23.72 -0.07 -0.37	21.30 0.00 -0.36	24.85 0.05 -0.08	20.62 -0.06 -0.15	20.76 -0.23 -0.08	16.26 -0.11 -0.20
LUTHERFT_115KV_GLOB_FND_222 355753	27.33 1.27 -7.35	26.41 1.05 -9.89	24.92 0.95 -9.64	23.87 0.95 -8.55	23.28 0.96 -7.82	26.10 0.97 -10.93	27.25 1.11 -9.36	28.96 1.26 -7.35	29.90 1.36 -7.68	30.65 1.38 -8.38	30.22 1.33 -8.03	31.19 1.29 -9.05	31.99 1.23 -9.92	36.01 1.17 -15.37	37.54 1.06 -18.47	36.15 1.22 -14.28	46.55 1.13 -25.91	46.47 1.23 -24.32	38.94 1.45 -14.07	35.84 1.30 -13.60	29.31 1.68 -2.91	27.60 1.27 -5.80	25.18 1.36 -2.91	24.85 1.00 -7.68
LUTHERNY_35_KV_BK2 355980	27.33 1.27 -7.35	26.43 1.07 -9.89	24.93 0.96 -9.64	23.88 0.96 -8.55	23.29 0.97 -7.82	26.11 0.98 -10.93	27.27 1.12 -9.36	28.96 1.26 -7.35	29.90 1.36 -7.68	30.67 1.40 -8.38	30.24 1.36 -8.03	31.19 1.29 -9.05	31.99 1.23 -9.92	36.01 1.17 -15.37	37.56 1.08 -18.47	36.17 1.24 -14.28	46.57 1.15 -25.91	46.49 1.25 -24.32	38.94 1.45 -14.07	35.86 1.32 -13.60	29.34 1.71 -2.91	27.62 1.29 -5.80	25.20 1.38 -2.91	24.85 1.00 -7.68
LWR___OSWEGATCHIE_HYD 23850	18.08 -0.77 -0.14	14.99 -0.66 -0.19	13.95 -0.57 -0.19	13.91 -0.63 -0.17	14.01 -0.64 -0.15	13.86 -0.55 -0.21	16.38 -0.59 -0.18	19.86 -0.63 -0.14	20.31 -0.71 -0.15	20.30 -0.75 -0.16	20.09 -0.92 -0.16	20.11 -0.92 -0.18	20.08 -0.96 -0.19	18.88 -0.90 -0.30	17.55 -0.83 -0.37	19.83 -1.12 -0.29	19.13 -0.92 -0.53	20.49 -0.92 -0.50	22.76 -0.94 -0.28	20.45 -0.75 -0.27	23.86 -0.91 -0.06	19.86 -0.78 -0.11	20.03 -0.94 -0.06	15.54 -0.78 -0.15
LYONS_FALL_HYD 23570	18.92 0.04 -0.18	15.71 0.00 -0.25	14.62 0.04 -0.24	14.57 -0.01 -0.21	14.66 -0.03 -0.20	14.58 0.10 -0.27	17.17 0.15 -0.24	20.69 0.16 -0.18	21.23 0.17 -0.19	21.23 0.13 -0.21	21.03 -0.02 -0.20	20.99 -0.08 -0.23	21.00 -0.10 -0.25	19.68 -0.18 -0.39	18.30 -0.18 -0.47	20.78 -0.25 -0.37	20.00 -0.20 -0.69	21.51 -0.04 -0.64	23.94 0.17 -0.35	21.44 0.17 -0.34	25.04 0.25 -0.07	20.80 0.12 -0.15	20.97 -0.02 -0.07	16.39 0.03 -0.19
MADISON___COUNTY_LFGE 323628	19.54 0.52 -0.31	16.30 0.42 -0.42	15.13 0.39 -0.41	15.08 0.34 -0.36	15.15 0.32 -0.33	15.03 0.37 -0.46	17.65 0.47 -0.40	21.18 0.53 -0.31	21.78 0.58 -0.32	21.77 0.52 -0.35	21.69 0.50 -0.34	21.71 0.48 -0.38	21.73 0.46 -0.42	20.47 0.35 -0.65	19.11 0.31 -0.80	21.63 0.35 -0.63	21.00 0.33 -1.16	22.45 0.46 -1.07	24.65 0.63 -0.60	22.06 0.54 -0.58	25.54 0.69 -0.12	21.23 0.45 -0.25	21.39 0.36 -0.12	16.88 0.39 -0.32
MALONE___115KV_TB1 356076	17.90 -0.80 0.00	14.77 -0.70 0.00	13.72 -0.62 0.00	13.71 -0.66 0.00	13.93 -0.57 0.00	13.58 -0.62 0.00	16.24 -0.54 0.00	20.00 -0.35 0.00	20.33 -0.54 0.00	20.35 -0.54 0.00	20.31 -0.54 0.00	20.45 -0.40 0.00	20.39 -0.46 0.00	18.89 -0.58 0.00	17.38 -0.63 0.00	19.68 -0.97 0.00	18.73 -0.78 0.00	20.03 -0.88 0.00	22.39 -1.03 0.00	20.12 -0.82 0.00	23.58 -1.14 0.00	19.69 -0.84 0.00	19.93 -0.98 0.00	15.26 -0.91 0.00
MAPLEWOD_115KV_TB3 80458	26.64 0.79 -7.15	25.76 0.66 -9.63	24.30 0.59 -9.38	23.28 0.59 -8.32	22.72 0.61 -7.61	25.45 0.61 -10.64	26.58 0.69 -9.11	28.29 0.79 -7.15	29.20 0.86 -7.47	29.93 0.88 -8.16	29.56 0.90 -7.82	30.51 0.85 -8.80	31.33 0.83 -9.65	35.21 0.78 -14.96	36.70 0.72 -17.98	35.37 0.83 -13.89	45.48 0.76 -25.21	45.41 0.84 -23.66	38.09 0.98 -13.69	35.05 0.88 -13.24	28.64 1.09 -2.83	27.01 0.84 -5.64	24.60 0.86 -2.83	24.25 0.61 -7.47
MAPLE_RIDGE_WT_1 323574	17.71 -0.99 0.00	14.68 -0.79 0.00	13.62 -0.72 0.00	13.73 -0.65 0.00	13.96 -0.54 0.00	13.75 -0.45 0.00	16.26 -0.52 0.00	19.73 -0.61 0.00	20.25 -0.63 0.00	20.24 -0.65 0.00	20.14 -0.71 0.00	20.04 -0.81 0.00	19.95 -0.90 0.00	18.56 -0.91 0.00	17.12 -0.88 0.00	19.64 -1.01 0.00	18.57 -0.94 0.00	19.99 -0.92 0.00	22.53 -0.89 0.00	20.22 -0.71 0.00	23.98 -0.74 0.00	19.95 -0.57 0.00	20.35 -0.56 0.00	15.77 -0.40 0.00

MAPLE_RIDGE_WT_2 323611	17.71 -0.99 0.00	14.68 -0.79 0.00	13.62 -0.72 0.00	13.73 -0.65 0.00	13.96 -0.54 0.00	13.75 -0.45 0.00	16.26 -0.52 0.00	19.73 -0.61 0.00	20.25 -0.63 0.00	20.24 -0.65 0.00	20.14 -0.71 0.00	20.04 -0.81 0.00	19.95 -0.90 0.00	18.56 -0.91 0.00	17.12 -0.88 0.00	19.64 -1.01 0.00	18.57 -0.94 0.00	19.99 -0.92 0.00	22.53 -0.89 0.00	20.22 -0.71 0.00	23.98 -0.74 0.00	19.95 -0.57 0.00	20.35 -0.56 0.00	15.77 -0.40 0.00
MARBLE_RIVER_WT_PWR 323696	17.86 -0.84 0.00	14.75 -0.71 0.00	13.70 -0.63 0.00	13.68 -0.69 0.00	13.93 -0.57 0.00	13.58 -0.62 0.00	16.26 -0.52 0.00	20.02 -0.33 0.00	20.29 -0.58 0.00	20.33 -0.56 0.00	20.24 -0.61 0.00	20.47 -0.37 0.00	20.41 -0.44 0.00	18.89 -0.58 0.00	17.32 -0.68 0.00	19.64 -1.01 0.00	18.65 -0.86 0.00	19.95 -0.96 0.00	22.30 -1.12 0.00	20.06 -0.88 0.00	23.53 -1.19 0.00	19.48 -1.05 0.00	19.91 -1.00 0.00	15.25 -0.92 0.00
MARSHVLE_115KV_TB1 80742	29.12 1.55 -8.86	28.72 1.33 -11.93	27.16 1.20 -11.62	25.87 1.19 -10.31	25.13 1.20 -9.43	28.61 1.24 -13.18	29.51 1.44 -11.29	30.88 1.67 -8.86	31.84 1.71 -9.26	32.64 1.67 -10.08	32.12 1.58 -9.68	33.32 1.56 -10.91	34.36 1.52 -11.99	39.42 1.42 -18.53	41.65 1.13 -22.51	39.58 1.34 -17.58	52.86 1.27 -32.08	52.32 1.46 -29.95	42.15 1.76 -16.98	38.92 1.57 -16.41	30.26 2.03 -3.51	29.16 1.64 -6.99	26.08 1.65 -3.51	26.68 1.26 -9.25
MARSH_HILL_WT_PWR 323713	19.87 0.11 -1.06	16.96 0.08 -1.42	15.76 0.04 -1.39	15.69 0.09 -1.23	15.66 0.04 -1.12	15.83 0.06 -1.57	18.06 -0.07 -1.35	27.02 -0.41 -7.08	28.23 -0.48 -7.84	27.68 -0.63 -7.41	28.44 -0.61 -8.20	27.03 -0.71 -6.89	28.58 -0.81 -8.54	26.00 -0.74 -7.27	20.04 -0.68 -2.71	22.19 -0.60 -2.14	26.30 -0.66 -7.46	24.74 -0.61 -4.43	31.80 -0.45 -8.82	22.45 -0.44 -1.96	24.92 -0.22 -0.42	21.30 -0.06 -0.83	21.06 -0.27 -0.42	17.56 0.29 -1.10
MCINTYRE_115KV_TB2 80467	18.20 -0.50 0.00	15.03 -0.43 0.00	13.96 -0.37 0.00	13.93 -0.45 0.00	14.05 -0.45 0.00	13.76 -0.44 0.00	16.34 -0.44 0.00	19.98 -0.37 0.00	20.41 -0.46 0.00	20.39 -0.50 0.00	20.37 -0.48 0.00	20.39 -0.46 0.00	20.37 -0.48 0.00	19.02 -0.45 0.00	17.59 -0.41 0.00	19.93 -0.72 0.00	19.02 -0.49 0.00	20.31 -0.61 0.00	22.69 -0.73 0.00	20.37 -0.57 0.00	23.95 -0.77 0.00	19.95 -0.57 0.00	20.16 -0.75 0.00	15.47 -0.70 0.00
MECO____69_KV_BK1 80468	29.05 1.95 -8.40	28.43 1.65 -11.31	26.82 1.48 -11.02	25.61 1.47 -9.77	24.92 1.48 -8.94	28.22 1.53 -12.49	29.28 1.80 -10.70	30.78 2.03 -8.40	31.69 2.05 -8.77	32.44 1.98 -9.56	32.28 2.25 -9.18	33.42 2.23 -10.34	34.37 2.17 -11.36	38.67 1.64 -17.56	40.69 1.39 -21.30	38.89 1.63 -16.61	51.37 1.58 -30.28	51.04 1.84 -28.29	41.71 2.20 -16.09	38.43 1.95 -15.55	30.64 2.60 -3.33	29.14 1.99 -6.62	26.27 2.03 -3.33	26.46 1.52 -8.77
MENANDS__115KV_TB5 355628	26.51 0.67 -7.14	25.63 0.56 -9.61	24.19 0.50 -9.36	23.18 0.50 -8.30	22.60 0.51 -7.60	25.32 0.51 -10.61	26.44 0.57 -9.09	28.15 0.67 -7.14	29.06 0.73 -7.45	29.76 0.73 -8.14	29.40 0.75 -7.80	30.36 0.73 -8.78	31.19 0.71 -9.63	35.05 0.66 -14.92	36.55 0.61 -17.93	35.24 0.72 -13.86	45.32 0.66 -25.15	45.23 0.71 -23.61	37.90 0.82 -13.66	34.89 0.75 -13.21	28.46 0.91 -2.83	26.87 0.72 -5.63	24.47 0.73 -2.83	24.14 0.52 -7.45
MG INDUSTRY___DRP 24185	26.38 0.73 -6.95	25.44 0.62 -9.36	24.01 0.56 -9.12	23.02 0.56 -8.08	22.46 0.57 -7.40	25.10 0.57 -10.33	26.27 0.64 -8.85	28.03 0.73 -6.95	28.90 0.77 -7.26	29.59 0.77 -7.93	29.22 0.77 -7.60	30.16 0.75 -8.56	30.97 0.73 -9.40	34.68 0.68 -14.53	36.25 0.63 -17.61	35.09 0.72 -13.72	45.17 0.66 -24.99	45.01 0.73 -23.36	37.59 0.87 -13.31	34.57 0.77 -12.86	28.46 0.99 -2.75	26.77 0.76 -5.48	24.44 0.77 -2.75	23.99 0.57 -7.26
MID___OSWEGATCHIE_HYD 23849	18.08 -0.77 -0.14	14.99 -0.66 -0.19	13.95 -0.57 -0.19	13.91 -0.63 -0.17	14.01 -0.64 -0.15	13.86 -0.55 -0.21	16.38 -0.59 -0.18	19.86 -0.63 -0.14	20.31 -0.71 -0.15	20.30 -0.75 -0.16	20.09 -0.92 -0.16	20.11 -0.92 -0.18	20.08 -0.96 -0.19	18.88 -0.90 -0.30	17.55 -0.83 -0.37	19.83 -1.12 -0.29	19.13 -0.92 -0.53	20.49 -0.92 -0.50	22.76 -0.94 -0.28	20.45 -0.75 -0.27	23.86 -0.91 -0.06	19.86 -0.78 -0.11	20.03 -0.94 -0.06	15.54 -0.78 -0.15
MID___RAQUETTE_HYD 23851	17.64 -1.07 0.00	14.55 -0.91 0.00	13.52 -0.82 0.00	13.50 -0.88 0.00	13.64 -0.86 0.00	13.36 -0.84 0.00	15.87 -0.91 0.00	19.43 -0.92 0.00	19.85 -1.02 0.00	19.85 -1.04 0.00	19.81 -1.04 0.00	19.83 -1.02 0.00	19.81 -1.04 0.00	18.50 -0.97 0.00	17.12 -0.88 0.00	19.35 -1.30 0.00	18.48 -1.03 0.00	19.72 -1.19 0.00	22.04 -1.38 0.00	19.78 -1.15 0.00	23.24 -1.48 0.00	19.40 -1.13 0.00	19.62 -1.30 0.00	15.04 -1.13 0.00
MILLIKEN___1 23584	20.29 0.56 -1.03	17.32 0.48 -1.38	16.09 0.42 -1.35	16.00 0.43 -1.19	15.99 0.41 -1.09	16.14 0.41 -1.53	18.63 0.54 -1.31	22.33 0.51 -1.47	22.95 0.50 -1.57	22.96 0.44 -1.62	22.95 0.46 -1.65	22.95 0.42 -1.68	23.15 0.38 -1.92	22.30 0.31 -2.52	20.93 0.29 -2.63	23.14 0.41 -2.08	23.96 0.37 -4.07	24.99 0.48 -3.60	26.60 0.70 -2.47	23.40 0.57 -1.90	25.87 0.74 -0.41	21.81 0.47 -0.81	21.76 0.44 -0.41	17.77 0.53 -1.07
MILLIKEN___2 23585	20.29 0.56 -1.03	17.32 0.48 -1.38	16.09 0.42 -1.35	16.00 0.43 -1.19	15.99 0.41 -1.09	16.14 0.41 -1.53	18.63 0.54 -1.31	22.33 0.51 -1.47	22.95 0.50 -1.57	22.96 0.44 -1.62	22.95 0.46 -1.65	22.95 0.42 -1.68	23.15 0.38 -1.92	22.30 0.31 -2.52	20.93 0.29 -2.63	23.14 0.41 -2.08	23.96 0.37 -4.07	24.99 0.48 -3.60	26.60 0.70 -2.47	23.40 0.57 -1.90	25.87 0.74 -0.41	21.81 0.47 -0.81	21.76 0.44 -0.41	17.77 0.53 -1.07
MILLIKEN___DIESEL 23629	20.29 0.56 -1.03	17.32 0.48 -1.38	16.09 0.42 -1.35	16.00 0.43 -1.19	15.99 0.41 -1.09	16.14 0.41 -1.53	18.63 0.54 -1.31	22.33 0.51 -1.47	22.95 0.50 -1.57	22.96 0.44 -1.62	22.95 0.46 -1.65	22.95 0.42 -1.68	23.15 0.38 -1.92	22.30 0.31 -2.52	20.93 0.29 -2.63	23.14 0.41 -2.08	23.96 0.37 -4.07	24.99 0.48 -3.60	26.60 0.70 -2.47	23.40 0.57 -1.90	25.87 0.74 -0.41	21.81 0.47 -0.81	21.76 0.44 -0.41	17.77 0.53 -1.07
MILLSEAT___LFGE 323607	19.42 -0.04 -0.75	16.41 -0.06 -1.01	15.22 -0.10 -0.99	15.22 -0.03 -0.87	15.24 -0.06 -0.80	15.26 -0.06 -1.12	17.35 -0.39 -0.96	19.14 -0.87 0.33	19.47 -0.98 0.42	19.74 -0.88 0.28	19.47 -0.94 0.44	19.90 -0.86 0.09	19.74 -0.83 0.27	19.38 -0.74 -0.65	19.11 -0.83 -1.93	21.41 -0.76 -1.52	20.80 -0.86 -2.15	22.44 -0.92 -2.45	23.06 -0.56 -0.20	21.58 -0.75 -1.39	24.50 -0.52 -0.30	20.85 -0.27 -0.59	20.73 -0.48 -0.30	17.26 0.31 -0.79
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	25.24 1.14 -5.39	23.65 0.93 -7.26	22.29 0.89 -7.07	21.54 0.89 -6.27	21.12 0.88 -5.74	23.06 0.84 -8.02	24.64 0.99 -6.87	27.04 1.30 -5.39	27.97 1.46 -5.63	28.83 1.48 -6.45	28.18 1.44 -5.89	28.97 1.48 -6.64	29.69 1.48 -7.36	32.11 1.36 -11.28	33.42 1.26 -14.15	33.53 1.49 -11.39	42.06 1.44 -21.11	41.84 1.53 -19.40	35.55 1.64 -10.49	32.48 1.40 -10.14	28.49 1.63 -2.14	26.16 1.38 -4.25	24.45 1.40 -2.14	22.77 0.97 -5.63

MILLWOOD_13_KV_LOAD 356217	25.27 1.18 -5.39	23.68 0.96 -7.26	22.32 0.92 -7.07	21.58 0.93 -6.27	21.15 0.91 -5.74	23.09 0.87 -8.02	24.67 1.02 -6.87	27.10 1.36 -5.39	28.03 1.52 -5.63	28.87 1.53 -6.45	28.24 1.50 -5.89	29.03 1.54 -6.64	29.79 1.58 -7.36	32.19 1.44 -11.28	33.51 1.35 -14.15	33.63 1.59 -11.39	42.16 1.54 -21.11	41.95 1.63 -19.40	35.69 1.78 -10.49	32.54 1.47 -10.14	28.54 1.68 -2.14	26.20 1.42 -4.25	24.47 1.42 -2.14	22.79 0.99 -5.63
MODEL_CITY_ENERGY 24167	18.91 -0.58 -0.79	16.03 -0.50 -1.06	14.91 -0.46 -1.03	14.90 -0.39 -0.92	14.90 -0.43 -0.84	14.93 -0.44 -1.17	16.90 -0.89 -1.01	18.36 -1.44 0.54	18.66 -1.54 0.66	18.94 -1.44 0.51	18.61 -1.54 0.69	19.14 -1.42 0.29	18.94 -1.38 0.54	18.77 -1.21 -0.51	18.68 -1.35 -2.03	20.87 -1.38 -1.60	20.22 -1.42 -2.13	21.89 -1.57 -2.55	22.18 -1.22 0.02	20.96 -1.44 -1.46	23.75 -1.29 -0.31	20.29 -0.86 -0.62	20.20 -1.02 -0.31	16.91 -0.08 -0.82
MODERN_LFGE_ 323580	18.91 -0.58 -0.79	16.03 -0.50 -1.06	14.91 -0.46 -1.03	14.90 -0.39 -0.92	14.90 -0.43 -0.84	14.93 -0.44 -1.17	16.90 -0.89 -1.01	18.36 -1.44 0.54	18.66 -1.54 0.66	18.94 -1.44 0.51	18.61 -1.54 0.69	19.14 -1.42 0.29	18.94 -1.38 0.54	18.77 -1.21 -0.51	18.68 -1.35 -2.03	20.87 -1.38 -1.60	20.22 -1.42 -2.13	21.89 -1.57 -2.55	22.18 -1.22 0.02	20.96 -1.44 -1.46	23.75 -1.29 -0.31	20.29 -0.86 -0.62	20.20 -1.02 -0.31	16.91 -0.08 -0.82
MOHAWK_PAPER___DRP 24187	26.64 0.79 -7.15	25.76 0.66 -9.63	24.30 0.59 -9.38	23.28 0.59 -8.32	22.72 0.61 -7.61	25.45 0.61 -10.64	26.58 0.69 -9.11	28.29 0.79 -7.15	29.20 0.86 -7.47	29.93 0.88 -8.16	29.56 0.90 -7.82	30.51 0.85 -8.80	31.33 0.83 -9.65	35.21 0.78 -14.96	36.70 0.72 -17.98	35.37 0.83 -13.89	45.48 0.76 -25.21	45.41 0.84 -23.66	38.09 0.98 -13.69	35.05 0.88 -13.24	28.64 1.09 -2.83	27.01 0.84 -5.64	24.60 0.86 -2.83	24.25 0.61 -7.47
MOHICAN__35_KV_115KV_LD 80490	27.58 1.51 -7.36	26.62 1.25 -9.91	25.10 1.12 -9.65	24.05 1.12 -8.56	23.46 1.13 -7.83	26.29 1.15 -10.94	27.50 1.34 -9.37	29.21 1.51 -7.36	30.18 1.63 -7.68	30.97 1.69 -8.39	30.45 1.56 -8.04	31.39 1.48 -9.06	32.15 1.38 -9.93	36.16 1.30 -15.38	37.69 1.19 -18.50	36.30 1.34 -14.30	46.74 1.27 -25.96	46.65 1.38 -24.36	39.14 1.64 -14.08	36.02 1.47 -13.62	29.61 1.98 -2.92	27.81 1.48 -5.80	25.44 1.61 -2.91	25.03 1.18 -7.68
MONGAUP___HYD 23641	24.48 0.92 -4.86	22.74 0.74 -6.54	21.39 0.69 -6.37	20.73 0.70 -5.65	20.36 0.70 -5.17	22.09 0.67 -7.22	23.74 0.77 -6.19	26.16 0.96 -4.86	26.99 1.04 -5.07	27.13 0.94 -5.30	27.05 0.90 -5.31	27.74 0.92 -5.98	28.37 0.86 -6.67	30.50 0.80 -10.23	31.59 0.77 -12.81	31.87 0.93 -10.28	39.31 0.76 -19.04	39.30 0.86 -17.53	33.99 1.19 -9.38	31.01 1.00 -9.07	27.94 1.28 -1.94	25.60 1.21 -3.86	24.02 1.17 -1.94	22.10 0.82 -5.11
MONTAUK___DIESEL 23721	37.22 3.24 -15.28	33.69 2.64 -15.58	30.63 2.48 -13.82	26.57 2.44 -9.76	27.60 2.46 -10.64	30.65 2.39 -14.06	32.19 2.87 -12.54	34.08 3.60 -10.14	35.27 3.92 -10.48	40.97 3.97 -16.11	39.84 3.79 -15.20	47.10 3.92 -22.33	43.96 3.86 -19.26	47.53 3.52 -24.54	46.84 3.26 -25.58	49.86 3.76 -25.45	69.25 3.57 -46.17	73.30 3.83 -48.56	45.14 4.29 -17.44	44.37 3.81 -19.62	50.79 4.45 -21.62	38.08 3.63 -13.92	32.66 3.72 -8.02	34.40 2.83 -15.40
MOONROAD_115KV_HARTFLD_TB1-2 355988	19.25 -0.36 -0.90	16.40 -0.28 -1.21	15.32 -0.20 -1.18	15.25 -0.17 -1.05	15.24 -0.22 -0.96	15.37 -0.17 -1.34	17.36 -0.57 -1.15	18.77 -1.04 0.54	19.12 -1.09 0.67	19.08 -1.34 0.47	18.86 -1.29 0.70	19.14 -1.48 0.23	18.82 -1.54 0.49	18.78 -1.36 -0.67	18.99 -1.33 -2.32	21.12 -1.36 -1.83	20.65 -1.37 -2.50	22.33 -1.51 -2.92	22.16 -1.36 -0.10	21.44 -1.17 -1.67	24.11 -0.96 -0.36	20.30 -0.94 -0.71	20.62 -0.65 -0.36	17.35 0.24 -0.94
MORTIMER_115KV_TB3 55949	19.51 0.17 -0.64	16.43 0.11 -0.86	15.24 0.07 -0.84	15.23 0.11 -0.74	15.26 0.09 -0.68	15.24 0.09 -0.95	17.51 -0.08 -0.81	20.44 -0.55 -0.64	20.85 -0.69 -0.67	21.18 -0.44 -0.72	20.92 -0.63 -0.70	21.16 -0.48 -0.79	21.26 -0.46 -0.87	20.40 -0.41 -1.34	19.31 -0.34 -1.64	21.70 -0.25 -1.30	21.54 -0.35 -2.38	22.79 -0.33 -2.21	24.44 -0.21 -1.23	21.93 -0.19 -1.19	24.92 -0.05 -0.25	20.70 -0.33 -0.50	21.02 -0.15 -0.25	17.18 0.34 -0.67
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	25.48 1.33 -5.45	23.88 1.08 -7.34	22.48 1.00 -7.15	21.72 1.01 -6.34	21.30 1.00 -5.80	23.25 0.95 -8.10	24.86 1.14 -6.94	27.34 1.55 -5.45	28.27 1.71 -5.69	29.11 1.75 -6.47	28.49 1.69 -5.95	29.29 1.73 -6.71	30.01 1.73 -7.43	32.44 1.58 -11.39	33.77 1.46 -14.30	33.85 1.69 -11.51	42.50 1.66 -21.33	42.28 1.76 -19.61	35.87 1.87 -10.58	32.79 1.63 -10.22	28.76 1.88 -2.16	26.43 1.60 -4.30	24.72 1.65 -2.16	22.99 1.13 -5.69
MUNSVILLE_WIND_PWR 323609	21.60 1.38 -1.51	18.65 1.14 -2.04	17.39 1.08 -1.99	17.13 0.99 -1.76	17.07 0.96 -1.61	17.49 1.04 -2.25	20.02 1.31 -1.93	23.65 1.48 -1.82	24.23 1.44 -1.92	24.22 1.30 -2.03	24.09 1.23 -2.01	24.10 1.10 -2.15	24.35 1.08 -2.41	23.73 0.84 -3.42	22.64 0.74 -3.89	24.65 0.93 -3.07	26.12 0.80 -5.81	27.31 1.13 -5.27	28.26 1.59 -3.25	25.15 1.40 -2.81	27.12 1.80 -0.60	23.08 1.35 -1.20	22.58 1.07 -0.60	18.82 1.07 -1.58
N SALMON___HYD 24042	17.90 -0.80 0.00	14.77 -0.70 0.00	13.72 -0.62 0.00	13.70 -0.68 0.00	13.93 -0.57 0.00	13.58 -0.62 0.00	16.24 -0.54 0.00	20.00 -0.35 0.00	20.33 -0.54 0.00	20.35 -0.54 0.00	20.29 -0.56 0.00	20.45 -0.40 0.00	20.39 -0.46 0.00	18.91 -0.57 0.00	17.38 -0.63 0.00	19.66 -0.99 0.00	18.73 -0.78 0.00	20.04 -0.88 0.00	22.39 -1.03 0.00	20.12 -0.82 0.00	23.58 -1.14 0.00	19.52 -1.01 0.00	19.93 -0.98 0.00	15.26 -0.91 0.00
N.AKRON__115KV_KNAPP 355671	19.38 -0.07 -0.76	16.40 -0.08 -1.02	15.22 -0.10 -0.99	15.21 -0.04 -0.88	15.24 -0.06 -0.81	15.27 -0.06 -1.12	17.36 -0.39 -0.96	19.10 -0.87 0.37	19.36 -1.04 0.46	19.72 -0.86 0.32	19.38 -0.98 0.49	19.87 -0.85 0.13	19.70 -0.83 0.32	19.34 -0.76 -0.62	19.08 -0.86 -1.94	21.38 -0.81 -1.53	20.77 -0.88 -2.14	22.43 -0.94 -2.46	23.02 -0.56 -0.17	21.61 -0.73 -1.40	24.48 -0.54 -0.30	20.32 -0.80 -0.60	20.71 -0.50 -0.30	17.27 0.31 -0.79
N.BELMOR_69_KV_BK1 55787	35.61 1.68 -15.23	32.44 1.39 -15.58	29.44 1.29 -13.82	25.44 1.31 -9.76	26.44 1.30 -10.64	29.51 1.25 -14.06	30.80 1.48 -12.54	32.39 1.91 -10.14	33.43 2.09 -10.47	34.42 2.11 -11.42	32.05 1.98 -9.22	34.20 2.04 -11.30	34.02 2.04 -11.12	36.09 1.89 -14.73	45.32 1.75 -25.57	48.14 2.04 -25.44	46.29 1.97 -24.80	43.77 2.09 -20.77	40.88 2.30 -15.16	37.49 2.01 -14.54	33.47 2.35 -6.40	34.50 1.97 -12.00	31.00 2.07 -8.02	29.85 1.50 -12.18
N.E._GEN_SANDY PD 24062	25.98 0.88 -6.40	24.80 0.73 -8.61	23.39 0.67 -8.39	22.50 0.69 -7.44	22.00 0.70 -6.81	24.39 0.68 -9.51	25.70 0.77 -8.15	27.59 0.85 -6.40	28.51 0.96 -6.68	29.14 0.92 -7.33	28.80 0.96 -6.99	29.68 0.96 -7.87	30.10 0.96 -8.29	33.70 0.90 -13.33	32.57 0.83 -13.73	30.52 0.97 -8.90	34.86 0.92 -14.43	37.00 0.98 -15.10	36.74 1.10 -12.22	33.74 0.98 -11.82	28.43 1.19 -2.53	26.56 1.01 -5.03	24.46 1.02 -2.53	23.57 0.74 -6.66

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	24.93 1.03 -5.20	23.32 0.85 -7.00	21.97 0.82 -6.82	21.26 0.83 -6.05	20.86 0.83 -5.54	22.70 0.77 -7.74	24.30 0.89 -6.63	26.73 1.18 -5.20	27.62 1.31 -5.43	27.76 1.34 -5.53	27.85 1.31 -5.69	28.61 1.36 -6.40	29.32 1.38 -7.09	31.59 1.25 -10.88	32.82 1.17 -13.64	33.00 1.38 -10.97	41.16 1.33 -20.32	41.02 1.42 -18.69	35.05 1.55 -10.09	31.98 1.30 -9.75	28.29 1.51 -2.06	25.90 1.27 -4.10	24.25 1.28 -2.06	22.47 0.87 -5.43
N. QUEENS_27_KV_LOAD 356247	25.66 1.50 -5.46	24.03 1.22 -7.34	22.62 1.13 -7.15	21.85 1.14 -6.34	21.44 1.13 -5.81	23.37 1.07 -8.10	24.95 1.22 -6.94	27.45 1.65 -5.46	28.32 1.75 -5.70	29.12 1.75 -6.48	28.50 1.69 -5.96	29.32 1.75 -6.71	30.04 1.75 -7.44	32.51 1.64 -11.40	33.79 1.48 -14.31	33.94 1.78 -11.51	42.59 1.74 -21.34	42.37 1.84 -19.62	35.99 1.99 -10.58	32.80 1.63 -10.23	28.86 1.98 -2.16	26.50 1.66 -4.30	24.86 1.78 -2.17	23.18 1.31 -5.70
N. TROY___115KV_TB1 355778	26.80 0.90 -7.20	25.90 0.74 -9.69	24.45 0.67 -9.44	23.42 0.68 -8.37	22.86 0.70 -7.67	25.60 0.70 -10.71	26.74 0.79 -9.17	28.42 0.87 -7.20	29.35 0.96 -7.52	30.07 0.96 -8.21	29.70 0.98 -7.87	30.65 0.94 -8.86	31.47 0.92 -9.70	35.38 0.86 -15.06	36.79 0.79 -17.99	35.39 0.91 -13.83	45.36 0.84 -25.01	45.38 0.92 -23.55	38.26 1.05 -13.78	35.24 0.98 -13.32	28.78 1.21 -2.85	27.15 0.94 -5.68	24.75 0.98 -2.85	24.42 0.73 -7.52
NARROWS_GT1_1 24228	25.69 1.53 -5.46	24.04 1.24 -7.34	22.62 1.13 -7.15	21.85 1.14 -6.34	21.44 1.14 -5.80	23.34 1.04 -8.10	24.91 1.19 -6.94	27.49 1.69 -5.46	28.45 1.88 -5.70	36.41 1.94 -13.58	32.83 1.88 -10.10	39.08 1.96 -16.27	37.93 1.96 -15.12	32.80 1.79 -11.54	34.27 1.67 -14.58	34.22 1.92 -11.64	74.61 1.89 -53.21	71.04 2.01 -48.12	36.10 2.11 -10.58	34.11 1.84 -11.33	33.34 2.15 -6.47	36.89 1.89 -14.47	36.31 1.88 -13.51	23.25 1.31 -5.77
NARROWS_GT1_2 24229	25.69 1.53 -5.46	24.04 1.24 -7.34	22.62 1.13 -7.15	21.85 1.14 -6.34	21.44 1.14 -5.80	23.34 1.04 -8.10	24.91 1.19 -6.94	27.49 1.69 -5.46	28.45 1.88 -5.70	36.41 1.94 -13.58	32.83 1.88 -10.10	39.08 1.96 -16.27	37.93 1.96 -15.12	32.80 1.79 -11.54	34.27 1.67 -14.58	34.22 1.92 -11.64	74.61 1.89 -53.21	71.04 2.01 -48.12	36.10 2.11 -10.58	34.11 1.84 -11.33	33.34 2.15 -6.47	36.89 1.89 -14.47	36.31 1.88 -13.51	23.25 1.31 -5.77
NARROWS_GT1_3 24230	25.69 1.53 -5.46	24.04 1.24 -7.34	22.62 1.13 -7.15	21.85 1.14 -6.34	21.44 1.14 -5.80	23.34 1.04 -8.10	24.91 1.19 -6.94	27.49 1.69 -5.46	28.45 1.88 -5.70	36.41 1.94 -13.58	32.83 1.88 -10.10	39.08 1.96 -16.27	37.93 1.96 -15.12	32.80 1.79 -11.54	34.27 1.67 -14.58	34.22 1.92 -11.64	74.61 1.89 -53.21	71.04 2.01 -48.12	36.10 2.11 -10.58	34.11 1.84 -11.33	33.34 2.15 -6.47	36.89 1.89 -14.47	36.31 1.88 -13.51	23.25 1.31 -5.77
NARROWS_GT1_4 24231	25.69 1.53 -5.46	24.04 1.24 -7.34	22.62 1.13 -7.15	21.85 1.14 -6.34	21.44 1.14 -5.80	23.34 1.04 -8.10	24.91 1.19 -6.94	27.49 1.69 -5.46	28.45 1.88 -5.70	36.41 1.94 -13.58	32.83 1.88 -10.10	39.08 1.96 -16.27	37.93 1.96 -15.12	32.80 1.79 -11.54	34.27 1.67 -14.58	34.22 1.92 -11.64	74.61 1.89 -53.21	71.04 2.01 -48.12	36.10 2.11 -10.58	34.11 1.84 -11.33	33.34 2.15 -6.47	36.89 1.89 -14.47	36.31 1.88 -13.51	23.25 1.31 -5.77
NARROWS_GT1_5 24232	25.69 1.53 -5.46	24.04 1.24 -7.34	22.62 1.13 -7.15	21.85 1.14 -6.34	21.44 1.14 -5.80	23.34 1.04 -8.10	24.91 1.19 -6.94	27.49 1.69 -5.46	28.45 1.88 -5.70	36.41 1.94 -13.58	32.83 1.88 -10.10	39.08 1.96 -16.27	37.93 1.96 -15.12	32.80 1.79 -11.54	34.27 1.67 -14.58	34.22 1.92 -11.64	74.61 1.89 -53.21	71.04 2.01 -48.12	36.10 2.11 -10.58	34.11 1.84 -11.33	33.34 2.15 -6.47	36.89 1.89 -14.47	36.31 1.88 -13.51	23.25 1.31 -5.77
NARROWS_GT1_6 24233	25.69 1.53 -5.46	24.04 1.24 -7.34	22.62 1.13 -7.15	21.85 1.14 -6.34	21.44 1.14 -5.80	23.34 1.04 -8.10	24.91 1.19 -6.94	27.49 1.69 -5.46	28.45 1.88 -5.70	36.41 1.94 -13.58	32.83 1.88 -10.10	39.08 1.96 -16.27	37.93 1.96 -15.12	32.80 1.79 -11.54	34.27 1.67 -14.58	34.22 1.92 -11.64	74.61 1.89 -53.21	71.04 2.01 -48.12	36.10 2.11 -10.58	34.11 1.84 -11.33	33.34 2.15 -6.47	36.89 1.89 -14.47	36.31 1.88 -13.51	23.25 1.31 -5.77
NARROWS_GT1_7 24234	25.69 1.53 -5.46	24.04 1.24 -7.34	22.62 1.13 -7.15	21.85 1.14 -6.34	21.44 1.14 -5.80	23.34 1.04 -8.10	24.91 1.19 -6.94	27.49 1.69 -5.46	28.45 1.88 -5.70	36.41 1.94 -13.58	32.83 1.88 -10.10	39.08 1.96 -16.27	37.93 1.96 -15.12	32.80 1.79 -11.54	34.27 1.67 -14.58	34.22 1.92 -11.64	74.61 1.89 -53.21	71.04 2.01 -48.12	36.10 2.11 -10.58	34.11 1.84 -11.33	33.34 2.15 -6.47	36.89 1.89 -14.47	36.31 1.88 -13.51	23.25 1.31 -5.77
NARROWS_GT1_8 24235	25.69 1.53 -5.46	24.04 1.24 -7.34	22.62 1.13 -7.15	21.85 1.14 -6.34	21.44 1.14 -5.80	23.34 1.04 -8.10	24.91 1.19 -6.94	27.49 1.69 -5.46	28.45 1.88 -5.70	36.41 1.94 -13.58	32.83 1.88 -10.10	39.08 1.96 -16.27	37.93 1.96 -15.12	32.80 1.79 -11.54	34.27 1.67 -14.58	34.22 1.92 -11.64	74.61 1.89 -53.21	71.04 2.01 -48.12	36.10 2.11 -10.58	34.11 1.84 -11.33	33.34 2.15 -6.47	36.89 1.89 -14.47	36.31 1.88 -13.51	23.25 1.31 -5.77
NARROWS_GT2_1 24236	25.69 1.53 -5.46	24.04 1.24 -7.34	22.62 1.13 -7.15	21.85 1.14 -6.34	21.44 1.14 -5.80	23.34 1.04 -8.10	24.91 1.19 -6.94	27.49 1.69 -5.46	28.45 1.88 -5.70	36.41 1.94 -13.58	32.83 1.88 -10.10	39.08 1.96 -16.27	37.93 1.96 -15.12	32.80 1.79 -11.54	34.27 1.67 -14.58	34.22 1.92 -11.64	76.80 1.89 -55.40	71.04 2.01 -48.12	36.10 2.11 -10.58	34.11 1.84 -11.33	33.34 2.15 -6.47	36.89 1.89 -14.47	36.31 1.88 -13.51	23.25 1.31 -5.77
NARROWS_GT2_2 24237	25.69 1.53 -5.46	24.04 1.24 -7.34	22.62 1.13 -7.15	21.85 1.14 -6.34	21.44 1.14 -5.80	23.34 1.04 -8.10	24.91 1.19 -6.94	27.49 1.69 -5.46	28.45 1.88 -5.70	36.41 1.94 -13.58	32.83 1.88 -10.10	39.08 1.96 -16.27	37.93 1.96 -15.12	32.80 1.79 -11.54	34.27 1.67 -14.58	34.22 1.92 -11.64	76.80 1.89 -55.40	71.04 2.01 -48.12	36.10 2.11 -10.58	34.11 1.84 -11.33	33.34 2.15 -6.47	36.89 1.89 -14.47	36.31 1.88 -13.51	23.25 1.31 -5.77
NARROWS_GT2_3 24238	25.69 1.53 -5.46	24.04 1.24 -7.34	22.62 1.13 -7.15	21.85 1.14 -6.34	21.44 1.14 -5.80	23.34 1.04 -8.10	24.91 1.19 -6.94	27.49 1.69 -5.46	28.45 1.88 -5.70	36.41 1.94 -13.58	32.83 1.88 -10.10	39.08 1.96 -16.27	37.93 1.96 -15.12	32.80 1.79 -11.54	34.27 1.67 -14.58	34.22 1.92 -11.64	76.80 1.89 -55.40	71.04 2.01 -48.12	36.10 2.11 -10.58	34.11 1.84 -11.33	33.34 2.15 -6.47	36.89 1.89 -14.47	36.31 1.88 -13.51	23.25 1.31 -5.77
NARROWS_GT2_4 24239	25.69 1.53 -5.46	24.04 1.24 -7.34	22.62 1.13 -7.15	21.85 1.14 -6.34	21.44 1.14 -5.80	23.34 1.04 -8.10	24.91 1.19 -6.94	27.49 1.69 -5.46	28.45 1.88 -5.70	36.41 1.94 -13.58	32.83 1.88 -10.10	39.08 1.96 -16.27	37.93 1.96 -15.12	32.80 1.79 -11.54	34.27 1.67 -14.58	34.22 1.92 -11.64	76.80 1.89 -55.40	71.04 2.01 -48.12	36.10 2.11 -10.58	34.11 1.84 -11.33	33.34 2.15 -6.47	36.89 1.89 -14.47	36.31 1.88 -13.51	23.25 1.31 -5.77

NARROWS_GT2_5 24240	25.69 1.53 -5.46	24.04 1.24 -7.34	22.62 1.13 -7.15	21.85 1.14 -6.34	21.44 1.14 -5.80	23.34 1.04 -8.10	24.91 1.19 -6.94	27.49 1.69 -5.46	28.45 1.88 -5.70	36.41 1.94 -13.58	32.83 1.88 -10.10	39.08 1.96 -16.27	37.93 1.96 -15.12	32.80 1.79 -11.54	34.27 1.67 -14.58	34.22 1.92 -11.64	76.80 1.89 -55.40	71.04 2.01 -48.12	36.10 2.11 -10.58	34.11 1.84 -11.33	33.34 2.15 -6.47	36.89 1.89 -14.47	36.31 1.88 -13.51	23.25 1.31 -5.77
NARROWS_GT2_6 24241	25.69 1.53 -5.46	24.04 1.24 -7.34	22.62 1.13 -7.15	21.85 1.14 -6.34	21.44 1.14 -5.80	23.34 1.04 -8.10	24.91 1.19 -6.94	27.49 1.69 -5.46	28.45 1.88 -5.70	36.41 1.94 -13.58	32.83 1.88 -10.10	39.08 1.96 -16.27	37.93 1.96 -15.12	32.80 1.79 -11.54	34.27 1.67 -14.58	34.22 1.92 -11.64	76.80 1.89 -55.40	71.04 2.01 -48.12	36.10 2.11 -10.58	34.11 1.84 -11.33	33.34 2.15 -6.47	36.89 1.89 -14.47	36.31 1.88 -13.51	23.25 1.31 -5.77
NARROWS_GT2_7 24242	25.69 1.53 -5.46	24.04 1.24 -7.34	22.62 1.13 -7.15	21.85 1.14 -6.34	21.44 1.14 -5.80	23.34 1.04 -8.10	24.91 1.19 -6.94	27.49 1.69 -5.46	28.45 1.88 -5.70	36.41 1.94 -13.58	32.83 1.88 -10.10	39.08 1.96 -16.27	37.93 1.96 -15.12	32.80 1.79 -11.54	34.27 1.67 -14.58	34.22 1.92 -11.64	76.80 1.89 -55.40	71.04 2.01 -48.12	36.10 2.11 -10.58	34.11 1.84 -11.33	33.34 2.15 -6.47	36.89 1.89 -14.47	36.31 1.88 -13.51	23.25 1.31 -5.77
NARROWS_GT2_8 24243	25.69 1.53 -5.46	24.04 1.24 -7.34	22.62 1.13 -7.15	21.85 1.14 -6.34	21.44 1.14 -5.80	23.34 1.04 -8.10	24.91 1.19 -6.94	27.49 1.69 -5.46	28.45 1.88 -5.70	36.41 1.94 -13.58	32.83 1.88 -10.10	39.08 1.96 -16.27	37.93 1.96 -15.12	32.80 1.79 -11.54	34.27 1.67 -14.58	34.22 1.92 -11.64	76.80 1.89 -55.40	71.04 2.01 -48.12	36.10 2.11 -10.58	34.11 1.84 -11.33	33.34 2.15 -6.47	36.89 1.89 -14.47	36.31 1.88 -13.51	23.25 1.31 -5.77
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	26.22 0.88 -6.64	25.11 0.71 -8.94	23.67 0.63 -8.71	22.71 0.62 -7.72	22.20 0.64 -7.07	24.72 0.65 -9.87	25.99 0.76 -8.46	27.84 0.85 -6.64	28.68 0.88 -6.93	29.35 0.90 -7.56	28.92 0.81 -7.25	29.79 0.77 -8.17	30.64 0.81 -8.98	34.15 0.80 -13.88	35.62 0.74 -16.87	34.66 0.83 -13.19	44.40 0.82 -24.07	44.31 0.94 -22.46	37.28 1.15 -12.71	34.27 1.05 -12.29	28.69 1.33 -2.63	26.75 0.99 -5.23	24.50 0.96 -2.63	23.80 0.70 -6.93
NCHELSEA_115KV_TR2 355582	25.37 1.14 -5.53	23.83 0.93 -7.44	22.45 0.87 -7.25	21.68 0.88 -6.42	21.26 0.88 -5.88	23.25 0.84 -8.22	24.79 0.97 -7.04	27.09 1.22 -5.53	28.00 1.36 -5.77	28.56 1.38 -6.29	28.24 1.36 -6.04	29.03 1.38 -6.80	29.88 1.50 -7.53	32.41 1.38 -11.55	33.71 1.28 -14.42	33.71 1.51 -11.55	42.34 1.46 -21.36	42.17 1.57 -19.69	35.78 1.76 -10.60	32.65 1.47 -10.25	28.59 1.68 -2.19	26.28 1.40 -4.36	24.52 1.42 -2.19	22.94 1.00 -5.77
NEG CAPITAL___MECHNVIL 23645	27.24 1.23 -7.31	26.32 1.02 -9.83	24.84 0.93 -9.58	23.80 0.93 -8.49	23.21 0.94 -7.78	26.01 0.95 -10.86	27.18 1.09 -9.30	28.87 1.22 -7.30	29.84 1.34 -7.63	30.58 1.36 -8.33	30.19 1.35 -7.98	31.13 1.29 -8.99	31.91 1.23 -9.83	35.89 1.17 -15.25	37.36 1.06 -18.29	36.00 1.24 -14.11	46.23 1.15 -25.57	46.20 1.25 -24.03	38.85 1.45 -13.98	35.77 1.32 -13.52	29.27 1.66 -2.89	27.59 1.31 -5.75	25.14 1.34 -2.89	24.77 0.99 -7.62
NEG CENTRAL_HIGH_ACRES 23767	19.25 -0.07 -0.62	16.21 -0.09 -0.84	15.02 -0.13 -0.82	15.01 -0.09 -0.72	15.04 -0.12 -0.66	15.01 -0.11 -0.93	17.35 -0.22 -0.79	20.36 -0.61 -0.62	20.85 -0.67 -0.65	21.08 -0.52 -0.70	20.92 -0.61 -0.68	21.05 -0.56 -0.77	21.13 -0.56 -0.84	20.25 -0.52 -1.30	19.16 -0.45 -1.60	21.54 -0.37 -1.26	21.38 -0.45 -2.31	22.62 -0.44 -2.15	24.24 -0.38 -1.19	21.71 -0.38 -1.15	24.67 -0.30 -0.25	20.79 -0.23 -0.49	20.76 -0.40 -0.25	16.88 0.06 -0.65
NEG CENTRAL___DRP 24199	19.68 0.30 -0.68	16.62 0.25 -0.91	15.41 0.19 -0.89	15.38 0.22 -0.79	15.41 0.19 -0.72	15.42 0.21 -1.01	17.90 0.25 -0.86	21.71 0.10 -1.26	22.32 0.08 -1.36	22.35 0.08 -1.37	22.36 0.08 -1.43	22.31 0.08 -1.38	22.50 0.04 -1.61	21.38 0.00 -1.91	19.75 0.00 -1.74	22.13 0.10 -1.37	22.43 0.06 -2.86	23.46 0.13 -2.42	25.66 0.28 -1.96	22.38 0.19 -1.26	25.31 0.32 -0.27	21.15 0.08 -0.54	21.29 0.10 -0.27	17.22 0.34 -0.71
NEG CENTRAL___INDECK 23768	20.21 0.62 -0.89	17.13 0.46 -1.20	15.89 0.39 -1.17	15.86 0.45 -1.04	15.86 0.42 -0.95	15.94 0.41 -1.32	18.23 0.32 -1.13	27.22 -0.18 -7.06	28.33 -0.38 -7.83	27.90 -0.38 -7.38	28.58 -0.46 -8.19	27.22 -0.46 -6.83	28.82 -0.52 -8.50	26.04 -0.49 -7.05	19.88 -0.41 -2.29	22.15 -0.31 -1.80	26.07 -0.37 -6.93	24.54 -0.25 -3.88	32.21 0.12 -8.68	22.80 0.21 -1.65	25.62 0.54 -0.35	21.74 0.51 -0.70	21.54 0.27 -0.35	17.81 0.71 -0.93
NEG CENTRAL___SENECA 23627	19.77 0.32 -0.75	16.73 0.26 -1.01	15.52 0.20 -0.98	15.47 0.23 -0.87	15.50 0.20 -0.80	15.54 0.23 -1.11	17.99 0.25 -0.95	22.08 0.06 -1.67	22.71 0.02 -1.82	22.72 0.02 -1.80	22.79 0.04 -1.90	22.65 0.02 -1.78	22.94 -0.02 -2.11	21.74 -0.08 -2.34	19.88 -0.05 -1.92	22.23 0.06 -1.52	22.83 0.00 -3.32	23.70 0.08 -2.70	26.16 0.26 -2.48	22.49 0.17 -1.39	25.36 0.35 -0.30	21.16 0.04 -0.59	21.29 0.08 -0.30	17.34 0.39 -0.78
NEG CENTRAL___STATE_STREET 24147	19.89 0.52 -0.66	16.81 0.45 -0.89	15.59 0.39 -0.87	15.55 0.40 -0.77	15.58 0.38 -0.71	15.59 0.40 -0.99	18.15 0.52 -0.85	21.77 0.51 -0.91	22.37 0.52 -0.97	22.42 0.52 -1.01	22.24 0.38 -1.02	22.27 0.38 -1.05	22.38 0.33 -1.19	21.46 0.39 -1.60	20.07 0.36 -1.71	22.49 0.50 -1.35	22.55 0.43 -2.61	23.76 0.52 -2.32	25.65 0.68 -1.55	22.69 0.52 -1.23	25.68 0.69 -0.26	21.48 0.43 -0.52	21.57 0.40 -0.26	17.38 0.52 -0.69
NEG MILLWOOD___DRP 24198	25.49 1.20 -5.59	23.96 0.97 -7.52	22.59 0.93 -7.33	21.82 0.95 -6.49	21.37 0.93 -5.95	23.40 0.89 -8.30	24.95 1.06 -7.12	27.27 1.34 -5.59	28.21 1.50 -5.83	28.83 1.50 -6.44	28.45 1.50 -6.10	29.25 1.52 -6.88	30.17 1.71 -7.61	32.69 1.54 -11.68	34.08 1.46 -14.61	34.11 1.73 -11.73	42.90 1.68 -21.71	42.70 1.80 -19.98	36.14 1.99 -10.73	32.88 1.57 -10.38	28.69 1.76 -2.21	26.41 1.48 -4.40	24.59 1.46 -2.21	23.04 1.03 -5.83
NEG NORTH_FLCN_SEA 23793	18.03 -0.67 0.00	14.88 -0.59 0.00	13.82 -0.52 0.00	13.83 -0.55 0.00	14.06 -0.43 0.00	13.69 -0.51 0.00	16.41 -0.37 0.00	20.20 -0.14 0.00	20.35 -0.52 0.00	20.37 -0.52 0.00	20.29 -0.56 0.00	20.66 -0.19 0.00	20.58 -0.27 0.00	19.02 -0.45 0.00	17.45 -0.56 0.00	19.81 -0.85 0.00	18.81 -0.70 0.00	20.14 -0.77 0.00	22.51 -0.91 0.00	20.22 -0.71 0.00	23.73 -0.99 0.00	19.79 -0.74 0.00	20.08 -0.84 0.00	15.38 -0.79 0.00
NEG NORTH_KES_CHATEGAY 23792	17.88 -0.82 0.00	14.77 -0.70 0.00	13.72 -0.62 0.00	13.73 -0.65 0.00	13.95 -0.55 0.00	13.59 -0.61 0.00	16.28 -0.50 0.00	20.04 -0.31 0.00	20.33 -0.54 0.00	20.33 -0.56 0.00	20.27 -0.58 0.00	20.47 -0.38 0.00	20.41 -0.44 0.00	18.89 -0.58 0.00	17.32 -0.68 0.00	19.66 -0.99 0.00	18.67 -0.84 0.00	19.97 -0.94 0.00	22.32 -1.10 0.00	20.08 -0.86 0.00	23.56 -1.16 0.00	19.67 -0.86 0.00	19.95 -0.96 0.00	15.26 -0.91 0.00

NEG NORTH___ALICE_FALLS 23915	17.99 -0.71 0.00	14.84 -0.62 0.00	13.79 -0.54 0.00	13.78 -0.59 0.00	14.02 -0.48 0.00	13.65 -0.55 0.00	16.36 -0.42 0.00	20.16 -0.18 0.00	20.37 -0.50 0.00	20.39 -0.50 0.00	20.31 -0.54 0.00	20.62 -0.23 0.00	20.54 -0.31 0.00	18.98 -0.49 0.00	17.41 -0.59 0.00	19.76 -0.89 0.00	18.77 -0.74 0.00	20.10 -0.82 0.00	22.48 -0.94 0.00	20.20 -0.73 0.00	23.68 -1.04 0.00	19.75 -0.78 0.00	20.01 -0.90 0.00	15.34 -0.82 0.00
NEG NORTH___LWR_SARANAC 23913	17.99 -0.71 0.00	14.84 -0.62 0.00	13.79 -0.54 0.00	13.78 -0.59 0.00	14.02 -0.48 0.00	13.65 -0.55 0.00	16.36 -0.42 0.00	20.16 -0.18 0.00	20.37 -0.50 0.00	20.39 -0.50 0.00	20.31 -0.54 0.00	20.62 -0.23 0.00	20.54 -0.31 0.00	18.98 -0.49 0.00	17.41 -0.59 0.00	19.76 -0.89 0.00	18.77 -0.74 0.00	20.10 -0.82 0.00	22.48 -0.94 0.00	20.20 -0.73 0.00	23.68 -1.04 0.00	19.75 -0.78 0.00	20.01 -0.90 0.00	15.34 -0.82 0.00
NEG NORTH___PLATTSBURG 23628	17.99 -0.71 0.00	14.84 -0.62 0.00	13.79 -0.54 0.00	13.76 -0.62 0.00	14.02 -0.48 0.00	13.65 -0.55 0.00	16.36 -0.42 0.00	20.16 -0.18 0.00	20.37 -0.50 0.00	20.39 -0.50 0.00	20.31 -0.54 0.00	20.62 -0.23 0.00	20.54 -0.31 0.00	18.98 -0.49 0.00	17.41 -0.59 0.00	19.72 -0.93 0.00	18.77 -0.74 0.00	20.10 -0.82 0.00	22.48 -0.94 0.00	20.20 -0.73 0.00	23.68 -1.04 0.00	19.60 -0.92 0.00	20.01 -0.90 0.00	15.34 -0.82 0.00
NEG WEST_LEA_LOCKPORT 23791	19.07 -0.41 -0.78	16.17 -0.34 -1.05	15.04 -0.32 -1.02	15.01 -0.27 -0.91	15.04 -0.29 -0.83	15.08 -0.28 -1.16	17.05 -0.72 -0.99	18.43 -1.32 0.60	18.69 -1.46 0.72	19.02 -1.32 0.55	18.63 -1.46 0.75	19.20 -1.31 0.33	18.99 -1.27 0.58	18.80 -1.13 -0.46	18.82 -1.19 -2.00	21.03 -1.20 -1.58	20.36 -1.23 -2.08	22.08 -1.34 -2.51	22.27 -1.08 0.07	21.19 -1.19 -1.45	23.99 -1.04 -0.31	19.95 -1.19 -0.62	20.39 -0.84 -0.31	17.06 0.08 -0.82
NEG WEST___LANCASTR 23811	18.75 -0.86 -0.91	15.98 -0.71 -1.23	14.85 -0.67 -1.20	14.80 -0.63 -1.06	14.80 -0.67 -0.97	14.93 -0.62 -1.36	16.89 -1.06 -1.16	18.62 -1.24 0.49	19.26 -1.00 0.61	18.72 -1.75 0.42	19.23 -0.98 0.64	18.96 -1.71 0.18	18.74 -1.69 0.42	18.72 -1.48 -0.73	18.98 -1.37 -2.34	21.12 -1.38 -1.85	20.63 -1.44 -2.56	22.31 -1.57 -2.96	22.06 -1.52 -0.16	21.16 -1.47 -1.69	23.65 -1.43 -0.36	19.79 -1.46 -0.72	20.02 -1.25 -0.36	16.77 -0.36 -0.95
NEG_PENN_ALLEGHNY 23528	20.65 0.32 -1.63	17.91 0.26 -2.19	16.69 0.23 -2.13	16.51 0.24 -1.89	16.44 0.22 -1.73	16.83 0.21 -2.42	19.09 0.23 -2.07	22.15 0.18 -1.63	22.78 0.21 -1.70	22.88 0.15 -1.84	22.81 0.19 -1.78	23.00 0.15 -2.00	23.18 0.13 -2.21	23.01 0.14 -3.40	22.31 0.13 -4.17	24.19 0.25 -3.29	25.71 0.16 -6.04	26.73 0.21 -5.61	26.89 0.35 -3.12	24.18 0.23 -3.01	25.74 0.37 -0.64	22.14 0.33 -1.28	21.77 0.21 -0.64	18.22 0.36 -1.70
NEG___GEN_MONROE 24207	19.55 0.21 -0.65	16.49 0.15 -0.87	15.29 0.11 -0.85	15.27 0.14 -0.75	15.33 0.14 -0.69	15.30 0.14 -0.96	17.55 -0.05 -0.82	20.46 -0.53 -0.65	20.84 -0.71 -0.68	21.08 -0.54 -0.73	20.89 -0.67 -0.71	21.08 -0.56 -0.80	21.16 -0.56 -0.88	20.28 -0.55 -1.35	19.16 -0.50 -1.66	21.53 -0.43 -1.31	21.40 -0.51 -2.40	22.64 -0.50 -2.23	24.33 -0.33 -1.24	21.80 -0.33 -1.20	24.80 -0.17 -0.26	20.61 -0.43 -0.51	20.94 -0.23 -0.26	17.17 0.32 -0.67
NEPA___ENERGY 23901	19.36 -0.26 -0.92	16.52 -0.19 -1.24	15.35 -0.19 -1.21	15.30 -0.14 -1.07	15.30 -0.17 -0.98	15.41 -0.16 -1.37	17.45 -0.50 -1.17	18.78 -0.90 0.67	19.16 -0.90 0.81	19.19 -1.11 0.60	19.04 -0.96 0.85	19.40 -1.11 0.34	19.12 -1.11 0.63	19.14 -0.92 -0.59	19.50 -0.86 -2.36	21.73 -0.78 -1.86	21.09 -0.90 -2.48	22.91 -0.96 -2.96	22.57 -0.82 0.03	21.82 -0.82 -1.70	24.44 -0.64 -0.36	20.45 -0.80 -0.72	20.71 -0.56 -0.36	17.31 0.18 -0.96
NEVERSINK___HYD 23608	24.33 0.88 -4.75	22.53 0.68 -6.39	21.20 0.65 -6.22	20.52 0.63 -5.52	20.17 0.62 -5.05	21.85 0.60 -7.05	23.53 0.70 -6.04	25.98 0.89 -4.74	26.85 1.02 -4.96	27.25 1.02 -5.34	27.03 1.00 -5.18	27.71 1.02 -5.84	28.44 1.13 -6.47	30.44 1.03 -9.94	31.34 0.97 -12.36	31.67 1.16 -9.86	38.84 1.13 -18.20	38.97 1.25 -16.80	33.96 1.43 -9.11	30.92 1.17 -8.81	27.96 1.36 -1.88	25.41 1.13 -3.75	23.88 1.09 -1.88	21.89 0.76 -4.96
NEWKRMKL_115KV_TB1 55635	26.42 0.58 -7.14	25.55 0.48 -9.61	24.13 0.43 -9.36	23.11 0.43 -8.30	22.53 0.43 -7.60	25.26 0.44 -10.61	26.36 0.49 -9.09	28.07 0.59 -7.14	28.98 0.65 -7.46	29.68 0.65 -8.14	29.32 0.67 -7.80	30.28 0.65 -8.79	31.11 0.63 -9.64	34.98 0.58 -14.93	36.52 0.54 -17.98	35.19 0.62 -13.92	45.36 0.57 -25.29	45.25 0.63 -23.71	37.81 0.73 -13.67	34.80 0.65 -13.21	28.34 0.79 -2.83	26.77 0.62 -5.63	24.37 0.63 -2.83	24.04 0.42 -7.45
NEWTON___FALLS_HYD 23847	18.08 -0.77 -0.14	14.99 -0.66 -0.19	13.95 -0.57 -0.19	13.91 -0.63 -0.17	14.01 -0.64 -0.15	13.86 -0.55 -0.21	16.38 -0.59 -0.18	19.86 -0.63 -0.14	20.31 -0.71 -0.15	20.30 -0.75 -0.16	20.09 -0.92 -0.16	20.11 -0.92 -0.18	20.08 -0.96 -0.19	18.88 -0.90 -0.30	17.55 -0.83 -0.37	19.83 -1.12 -0.29	19.13 -0.92 -0.53	20.49 -0.92 -0.50	22.76 -0.94 -0.28	20.45 -0.75 -0.27	23.86 -0.91 -0.06	19.86 -0.78 -0.11	20.03 -0.94 -0.06	15.54 -0.78 -0.15
NGRID_A1_DSASP 323792	18.86 -0.64 -0.79	16.04 -0.50 -1.07	14.91 -0.46 -1.04	14.92 -0.37 -0.92	14.92 -0.42 -0.85	14.94 -0.44 -1.18	16.85 -0.94 -1.01	18.17 -1.57 0.60	18.47 -1.67 0.73	18.80 -1.55 0.54	18.41 -1.67 0.77	18.99 -1.54 0.32	18.78 -1.50 0.57	18.63 -1.32 -0.49	18.57 -1.48 -2.04	20.77 -1.49 -1.61	20.08 -1.56 -2.13	21.75 -1.71 -2.55	21.98 -1.38 0.05	20.84 -1.57 -1.47	23.55 -1.48 -0.31	20.15 -1.01 -0.63	20.08 -1.15 -0.31	16.89 -0.11 -0.83
NGRID_A2_DSASP 323793	18.86 -0.64 -0.79	16.04 -0.50 -1.07	14.91 -0.46 -1.04	14.92 -0.37 -0.92	14.92 -0.42 -0.85	14.94 -0.44 -1.18	16.85 -0.94 -1.01	18.17 -1.57 0.60	18.47 -1.67 0.73	18.80 -1.55 0.54	18.41 -1.67 0.77	18.99 -1.54 0.32	18.78 -1.50 0.57	18.63 -1.32 -0.49	18.57 -1.48 -2.04	20.77 -1.49 -1.61	20.08 -1.56 -2.13	21.75 -1.71 -2.55	21.98 -1.38 0.05	20.84 -1.57 -1.47	23.55 -1.48 -0.31	20.15 -1.01 -0.63	20.08 -1.15 -0.31	16.89 -0.11 -0.83
NGRID_A4_DSASP 323807	18.84 -0.65 -0.79	16.04 -0.49 -1.07	14.92 -0.46 -1.04	14.91 -0.39 -0.92	14.92 -0.42 -0.85	14.94 -0.44 -1.18	16.85 -0.94 -1.01	18.17 -1.57 0.60	18.43 -1.71 0.73	18.82 -1.53 0.54	18.37 -1.71 0.77	18.99 -1.54 0.32	18.78 -1.50 0.57	18.63 -1.32 -0.49	18.53 -1.51 -2.04	20.71 -1.55 -1.61	20.08 -1.56 -2.13	21.75 -1.71 -2.55	22.01 -1.36 0.05	20.86 -1.55 -1.47	23.58 -1.46 -0.31	19.61 -1.54 -0.63	20.08 -1.15 -0.31	16.89 -0.11 -0.83
NIAGARA_115E_LBMP 323715	18.83 -0.67 -0.80	15.96 -0.57 -1.07	14.83 -0.54 -1.04	14.84 -0.46 -0.93	14.84 -0.51 -0.85	14.86 -0.53 -1.18	16.82 -0.97 -1.01	18.25 -1.53 0.56	18.53 -1.65 0.69	18.83 -1.52 0.54	18.50 -1.63 0.72	19.03 -1.50 0.32	18.82 -1.46 0.57	18.68 -1.29 -0.49	18.59 -1.46 -2.05	20.76 -1.51 -1.61	20.11 -1.54 -2.14	21.76 -1.71 -2.57	22.06 -1.31 0.05	20.82 -1.59 -1.48	23.60 -1.43 -0.32	20.17 -0.98 -0.63	20.10 -1.13 -0.32	16.84 -0.16 -0.83

NIAGARA_115W_LBMP 323714	18.82 -0.67 -0.79	16.01 -0.53 -1.07	14.89 -0.49 -1.04	14.89 -0.40 -0.92	14.89 -0.45 -0.84	14.91 -0.47 -1.18	16.82 -0.97 -1.01	18.16 -1.59 0.60	18.45 -1.69 0.73	18.79 -1.57 0.54	18.40 -1.69 0.76	18.97 -1.56 0.31	18.76 -1.52 0.56	18.62 -1.34 -0.49	18.53 -1.51 -2.04	20.73 -1.53 -1.61	20.04 -1.60 -2.13	21.71 -1.76 -2.55	21.97 -1.40 0.05	20.77 -1.63 -1.47	23.50 -1.53 -0.31	20.11 -1.05 -0.63	20.04 -1.19 -0.31	16.84 -0.16 -0.83
NIAGARA_230_LBMP 323716	19.00 -0.49 -0.78	16.12 -0.40 -1.05	14.99 -0.37 -1.03	14.98 -0.30 -0.91	14.98 -0.35 -0.83	15.00 -0.37 -1.16	16.99 -0.79 -1.00	18.21 -1.59 0.54	18.51 -1.69 0.67	18.83 -1.59 0.48	18.46 -1.69 0.70	19.00 -1.59 0.26	18.81 -1.54 0.50	18.63 -1.36 -0.53	18.76 -1.26 -2.01	21.00 -1.24 -1.59	20.32 -1.33 -2.13	22.00 -1.44 -2.53	22.00 -1.43 -0.01	21.07 -1.32 -1.45	23.84 -1.19 -0.31	20.37 -0.78 -0.62	20.32 -0.90 -0.31	16.99 0.00 -0.82
NIAGARA__115KV_198_GIBSON 55903	18.80 -0.69 -0.79	16.01 -0.53 -1.07	14.89 -0.49 -1.04	14.88 -0.42 -0.92	14.89 -0.45 -0.84	14.91 -0.47 -1.18	16.82 -0.97 -1.01	18.18 -1.57 0.60	18.43 -1.71 0.73	18.81 -1.55 0.54	18.36 -1.73 0.76	18.97 -1.56 0.31	18.76 -1.52 0.56	18.62 -1.34 -0.49	18.48 -1.57 -2.04	20.65 -1.61 -1.61	20.02 -1.62 -2.13	21.68 -1.78 -2.55	21.99 -1.38 0.05	20.82 -1.59 -1.47	23.50 -1.53 -0.31	19.55 -1.60 -0.63	20.04 -1.19 -0.31	16.84 -0.16 -0.83
NIAGARA____ 23760	19.01 -0.49 -0.80	16.13 -0.40 -1.07	15.00 -0.37 -1.04	15.00 -0.30 -0.92	14.99 -0.35 -0.85	15.01 -0.37 -1.18	17.00 -0.79 -1.01	18.21 -1.59 0.55	18.51 -1.69 0.67	18.83 -1.59 0.48	18.46 -1.69 0.70	19.00 -1.59 0.26	18.81 -1.54 0.50	18.63 -1.36 -0.53	18.78 -1.26 -2.03	21.02 -1.24 -1.60	20.32 -1.33 -2.14	22.02 -1.44 -2.55	22.00 -1.43 -0.01	21.08 -1.32 -1.47	23.85 -1.19 -0.31	20.37 -0.78 -0.62	20.33 -0.90 -0.31	17.00 0.00 -0.83
NINE_MILE_1 23575	18.67 -0.36 -0.33	15.61 -0.29 -0.44	14.47 -0.29 -0.43	14.48 -0.27 -0.38	14.55 -0.29 -0.35	14.41 -0.27 -0.48	16.86 -0.34 -0.41	20.16 -0.51 -0.33	20.69 -0.52 -0.34	20.76 -0.50 -0.37	20.68 -0.52 -0.36	20.75 -0.50 -0.40	20.77 -0.52 -0.44	19.67 -0.49 -0.68	18.39 -0.45 -0.84	20.84 -0.47 -0.66	20.25 -0.47 -1.21	21.56 -0.48 -1.12	23.55 -0.49 -0.62	21.08 -0.46 -0.60	24.36 -0.49 -0.13	20.37 -0.41 -0.26	20.56 -0.48 -0.13	16.27 -0.24 -0.34
NINE_MILE_2 23744	18.67 -0.36 -0.32	15.61 -0.29 -0.44	14.47 -0.29 -0.43	14.48 -0.27 -0.38	14.55 -0.29 -0.35	14.41 -0.27 -0.48	16.86 -0.34 -0.41	20.16 -0.52 -0.32	20.69 -0.50 -0.34	20.76 -0.50 -0.37	20.68 -0.52 -0.35	20.75 -0.50 -0.40	20.77 -0.52 -0.44	19.66 -0.49 -0.68	18.39 -0.45 -0.83	20.84 -0.47 -0.66	20.25 -0.47 -1.21	21.55 -0.48 -1.12	23.55 -0.49 -0.62	21.08 -0.46 -0.60	24.35 -0.49 -0.13	20.37 -0.41 -0.26	20.56 -0.48 -0.13	16.27 -0.24 -0.34
NM_CAPITAL____DRP 24208	26.44 0.62 -7.12	25.55 0.51 -9.58	24.14 0.47 -9.33	23.11 0.46 -8.27	22.55 0.48 -7.57	25.26 0.48 -10.58	26.38 0.54 -9.06	28.09 0.63 -7.12	28.99 0.69 -7.43	29.70 0.69 -8.12	29.33 0.71 -7.78	30.30 0.69 -8.76	31.12 0.67 -9.60	34.97 0.62 -14.88	36.47 0.58 -17.88	35.14 0.66 -13.82	45.20 0.60 -25.08	45.13 0.67 -23.54	37.81 0.77 -13.62	34.79 0.69 -13.17	28.40 0.87 -2.82	26.80 0.66 -5.61	24.42 0.69 -2.82	24.07 0.47 -7.43
NM_CENTRAL____DRP 24181	19.25 0.07 -0.47	16.16 0.06 -0.63	14.99 0.04 -0.62	14.98 0.06 -0.55	15.02 0.03 -0.50	14.94 0.04 -0.70	17.43 0.05 -0.60	20.77 -0.04 -0.47	21.32 -0.04 -0.49	21.42 0.00 -0.53	21.34 -0.02 -0.51	21.41 -0.02 -0.58	21.46 -0.02 -0.64	20.41 -0.04 -0.98	19.17 -0.04 -1.20	21.62 0.02 -0.95	21.23 -0.02 -1.74	22.55 0.02 -1.62	24.39 0.07 -0.90	21.83 0.02 -0.87	24.98 0.07 -0.19	20.86 -0.04 -0.37	21.06 -0.04 -0.19	16.79 0.13 -0.49
NM_FRONTIER____DRP 24179	18.80 -0.69 -0.79	16.01 -0.53 -1.07	14.89 -0.49 -1.04	14.88 -0.42 -0.92	14.89 -0.45 -0.84	14.91 -0.47 -1.18	16.82 -0.97 -1.01	18.18 -1.57 0.60	18.43 -1.71 0.73	18.81 -1.55 0.54	18.36 -1.73 0.76	18.97 -1.56 0.31	18.76 -1.52 0.56	18.62 -1.34 -0.49	18.48 -1.57 -2.04	20.65 -1.61 -1.61	20.02 -1.62 -2.13	21.68 -1.78 -2.55	21.99 -1.38 0.05	20.82 -1.59 -1.47	23.50 -1.53 -0.31	19.55 -1.60 -0.63	20.04 -1.19 -0.31	16.84 -0.16 -0.83
NM_ST_REGIS____HYD 24053	17.67 -1.03 0.00	14.58 -0.88 0.00	13.54 -0.79 0.00	13.54 -0.83 0.00	13.70 -0.80 0.00	13.41 -0.80 0.00	15.96 -0.82 0.00	19.57 -0.77 0.00	19.95 -0.92 0.00	19.95 -0.94 0.00	19.91 -0.94 0.00	19.97 -0.88 0.00	19.93 -0.92 0.00	18.59 -0.88 0.00	17.18 -0.83 0.00	19.43 -1.22 0.00	18.54 -0.98 0.00	19.78 -1.13 0.00	22.11 -1.31 0.00	19.85 -1.09 0.00	23.31 -1.41 0.00	19.46 -1.07 0.00	19.68 -1.23 0.00	15.09 -1.08 0.00
NORTHPORT____1 23551	35.52 1.59 -15.23	32.42 1.38 -15.58	29.45 1.30 -13.82	25.47 1.34 -9.76	26.45 1.32 -10.64	29.52 1.26 -14.06	30.87 1.54 -12.54	32.39 1.91 -10.14	33.45 2.11 -10.47	34.37 2.11 -11.37	31.68 1.73 -9.10	33.15 1.84 -10.46	33.22 1.77 -10.60	35.02 1.54 -14.01	45.24 1.49 -25.74	47.98 1.75 -25.57	44.28 1.60 -23.17	41.20 1.73 -18.55	40.26 1.87 -14.97	36.90 1.82 -14.14	32.17 2.20 -5.25	34.28 1.85 -11.90	31.01 2.05 -8.05	30.03 1.52 -12.34
NORTHPORT____2 23552	35.52 1.59 -15.23	32.42 1.38 -15.58	29.45 1.30 -13.82	25.47 1.34 -9.76	26.45 1.32 -10.64	29.52 1.26 -14.06	30.87 1.54 -12.54	32.39 1.91 -10.14	33.45 2.11 -10.47	34.37 2.11 -11.37	31.68 1.73 -9.10	33.15 1.84 -10.46	33.22 1.77 -10.60	35.02 1.54 -14.01	45.24 1.49 -25.74	47.98 1.75 -25.57	44.28 1.60 -23.17	41.20 1.73 -18.55	40.26 1.87 -14.97	36.90 1.82 -14.14	32.17 2.20 -5.25	34.28 1.85 -11.90	31.01 2.05 -8.05	30.03 1.52 -12.34
NORTHPORT____3 23553	35.57 1.65 -15.22	32.44 1.39 -15.58	29.45 1.30 -13.82	25.45 1.32 -9.76	26.45 1.32 -10.64	29.52 1.26 -14.06	30.83 1.51 -12.54	32.42 1.93 -10.14	33.48 2.13 -10.47	34.43 2.17 -11.36	31.88 1.92 -9.11	33.65 2.02 -10.78	33.62 1.94 -10.83	35.31 1.83 -14.01	45.31 1.57 -25.74	48.04 1.82 -25.57	44.59 1.91 -23.16	41.48 2.03 -18.54	40.61 2.23 -14.96	37.02 1.78 -14.30	32.43 2.00 -5.71	34.47 1.97 -11.97	31.08 2.11 -8.05	30.07 1.55 -12.35
NORTHPORT____4 23650	35.57 1.65 -15.22	32.44 1.39 -15.58	29.45 1.30 -13.82	25.45 1.32 -9.76	26.45 1.32 -10.64	29.52 1.26 -14.06	30.83 1.51 -12.54	32.42 1.93 -10.14	33.48 2.13 -10.47	34.43 2.17 -11.36	31.88 1.92 -9.11	33.65 2.02 -10.78	33.62 1.94 -10.83	35.31 1.83 -14.01	45.31 1.57 -25.74	48.04 1.82 -25.57	44.59 1.91 -23.16	41.48 2.03 -18.54	40.61 2.23 -14.96	37.02 1.78 -14.30	32.43 2.00 -5.71	34.47 1.97 -11.97	31.08 2.11 -8.05	30.07 1.55 -12.35
NORTHPORT____IC 23718	35.52 1.59 -15.23	32.42 1.38 -15.58	29.45 1.30 -13.82	25.47 1.34 -9.76	26.45 1.32 -10.64	29.52 1.26 -14.06	30.87 1.54 -12.54	32.39 1.91 -10.14	33.45 2.11 -10.47	34.37 2.11 -11.37	31.68 1.73 -9.10	33.15 1.84 -10.46	33.22 1.77 -10.60	35.02 1.54 -14.01	45.24 1.49 -25.74	47.98 1.75 -25.57	44.28 1.60 -23.17	41.20 1.73 -18.55	40.26 1.87 -14.97	36.90 1.82 -14.14	32.17 2.20 -5.25	34.28 1.85 -11.90	31.01 2.05 -8.05	30.03 1.52 -12.34

NORTH__COUNTRY_ESR 323785	17.84 -0.86 0.00	14.72 -0.74 0.00	13.67 -0.66 0.00	13.67 -0.70 0.00	13.92 -0.58 0.00	13.56 -0.64 0.00	16.23 -0.55 0.00	19.98 -0.37 0.00	20.27 -0.61 0.00	20.31 -0.58 0.00	20.22 -0.62 0.00	20.43 -0.42 0.00	20.37 -0.48 0.00	18.85 -0.62 0.00	17.30 -0.70 0.00	19.62 -1.03 0.00	18.63 -0.88 0.00	19.93 -0.98 0.00	22.27 -1.15 0.00	20.04 -0.90 0.00	23.49 -1.24 0.00	19.46 -1.07 0.00	19.91 -1.00 0.00	15.23 -0.94 0.00
NPX_GEN_1385_PROXY 323591	32.10 0.92 -12.48	30.50 0.80 -14.23	29.01 0.86 -13.82	25.19 1.06 -9.76	26.13 1.00 -10.64	29.14 0.88 -14.06	30.48 1.16 -12.54	31.67 1.20 -10.13	32.64 1.38 -10.39	32.20 1.38 -9.93	31.26 1.31 -9.10	32.73 1.42 -10.46	32.80 1.35 -10.60	34.42 0.93 -14.01	34.10 0.90 -15.19	34.39 1.05 -12.68	36.80 0.96 -16.33	40.51 1.05 -18.55	39.49 1.10 -14.97	36.48 1.40 -14.14	31.60 1.63 -5.25	33.60 1.17 -11.90	30.59 1.63 -8.05	29.56 1.05 -12.34
NPX_GEN_CSC 323557	36.25 2.26 -15.28	32.92 1.87 -15.58	29.91 1.76 -13.82	25.88 1.75 -9.76	26.89 1.75 -10.64	29.96 1.70 -14.06	31.39 2.06 -12.54	33.07 2.58 -10.14	34.13 2.78 -10.48	39.84 2.82 -16.12	38.58 2.52 -15.21	45.76 2.61 -22.31	42.62 2.44 -19.33	46.37 2.24 -24.66	45.77 2.02 -25.75	48.57 2.33 -25.58	68.14 2.24 -46.39	72.08 2.42 -48.74	43.52 2.67 -17.44	42.95 2.41 -19.61	49.15 2.82 -21.61	36.92 2.42 -13.97	31.53 2.57 -8.05	33.59 1.96 -15.47
NSINS_S_GLNS_FALLS 23858	27.58 1.51 -7.37	26.65 1.27 -9.91	25.12 1.13 -9.66	24.06 1.12 -8.56	23.48 1.15 -7.84	26.32 1.16 -10.95	27.50 1.34 -9.38	29.21 1.51 -7.36	30.19 1.63 -7.69	31.00 1.71 -8.40	30.48 1.58 -8.05	31.41 1.50 -9.06	32.16 1.38 -9.94	36.17 1.30 -15.40	37.71 1.19 -18.52	36.34 1.36 -14.33	46.78 1.27 -26.00	46.69 1.38 -24.40	39.16 1.64 -14.10	36.03 1.47 -13.63	29.62 1.98 -2.92	27.79 1.46 -5.81	25.44 1.61 -2.92	25.04 1.18 -7.69
NUCOR_STEEL__DRP 24197	19.75 0.41 -0.64	16.68 0.36 -0.86	15.47 0.30 -0.84	15.43 0.32 -0.74	15.47 0.29 -0.68	15.46 0.31 -0.95	18.00 0.40 -0.81	21.33 0.35 -0.64	21.89 0.35 -0.67	21.99 0.38 -0.72	21.88 0.33 -0.70	21.97 0.33 -0.79	22.01 0.29 -0.87	21.06 0.25 -1.34	19.88 0.23 -1.64	22.30 0.35 -1.29	22.18 0.29 -2.37	23.49 0.38 -2.20	25.16 0.52 -1.23	22.52 0.40 -1.18	25.49 0.52 -0.25	21.34 0.31 -0.50	21.46 0.29 -0.25	17.26 0.42 -0.67
NUMBER_THREE_WT_PWR 323818	18.67 -0.22 -0.20	15.51 -0.22 -0.26	14.45 -0.14 -0.26	14.40 -0.20 -0.23	14.49 -0.22 -0.21	14.45 -0.04 -0.29	17.03 0.00 -0.25	20.52 -0.02 -0.20	21.03 -0.04 -0.20	21.03 -0.08 -0.22	20.69 -0.37 -0.21	20.63 -0.46 -0.24	20.61 -0.50 -0.27	19.35 -0.52 -0.41	18.00 -0.50 -0.50	20.41 -0.64 -0.40	19.71 -0.53 -0.73	21.25 -0.34 -0.67	23.70 -0.09 -0.38	21.28 -0.02 -0.36	24.80 0.00 -0.08	20.60 -0.08 -0.15	20.74 -0.25 -0.08	16.23 -0.15 -0.20
NYISO_LBMP_REFERENCE 24008	18.70 0.00 0.00	15.46 0.00 0.00	14.33 0.00 0.00	14.37 0.00 0.00	14.50 0.00 0.00	14.20 0.00 0.00	16.78 0.00 0.00	20.34 0.00 0.00	20.87 0.00 0.00	20.89 0.00 0.00	20.85 0.00 0.00	20.85 0.00 0.00	20.85 0.00 0.00	19.47 0.00 0.00	18.01 0.00 0.00	20.65 0.00 0.00	19.51 0.00 0.00	20.91 0.00 0.00	23.42 0.00 0.00	20.94 0.00 0.00	24.72 0.00 0.00	20.53 0.00 0.00	20.91 0.00 0.00	16.17 0.00 0.00
NYPA_BRENTWD__GT 24164	35.92 1.98 -15.24	32.70 1.66 -15.58	29.71 1.56 -13.82	25.71 1.58 -9.76	26.71 1.58 -10.64	29.78 1.52 -14.06	31.17 1.85 -12.54	32.80 2.32 -10.14	33.85 2.50 -10.47	35.94 2.53 -12.52	34.44 2.23 -11.36	48.17 2.31 -25.01	44.42 2.27 -21.30	38.37 1.99 -16.91	45.57 1.82 -25.74	48.35 2.13 -25.57	51.00 1.99 -29.50	49.91 2.22 -26.78	41.49 2.44 -15.64	44.22 2.30 -20.98	53.00 2.74 -25.54	37.38 2.34 -14.52	31.41 2.45 -8.05	30.96 1.83 -12.96
NYPA_GOWANUS__GT5 24156	25.69 1.53 -5.46	24.04 1.24 -7.34	22.62 1.13 -7.15	21.85 1.14 -6.34	21.44 1.14 -5.80	23.34 1.04 -8.10	24.91 1.19 -6.94	27.49 1.69 -5.46	28.45 1.88 -5.70	36.41 1.94 -13.58	32.83 1.88 -10.10	39.08 1.96 -16.27	37.93 1.96 -15.12	32.80 1.79 -11.54	34.27 1.67 -14.58	34.22 1.92 -11.64	74.61 1.89 -53.21	71.02 1.99 -48.12	36.10 2.11 -10.58	34.11 1.84 -11.33	33.34 2.15 -6.47	36.89 1.89 -14.47	36.31 1.88 -13.51	23.25 1.31 -5.77
NYPA_GOWANUS__GT6 24157	25.69 1.53 -5.46	24.04 1.24 -7.34	22.62 1.13 -7.15	21.85 1.14 -6.34	21.44 1.14 -5.80	23.34 1.04 -8.10	24.91 1.19 -6.94	27.49 1.69 -5.46	28.45 1.88 -5.70	36.41 1.94 -13.58	32.83 1.88 -10.10	39.08 1.96 -16.27	37.93 1.96 -15.12	32.80 1.79 -11.54	34.27 1.67 -14.58	34.22 1.92 -11.64	74.61 1.89 -53.21	71.02 1.99 -48.12	36.10 2.11 -10.58	34.11 1.84 -11.33	33.34 2.15 -6.47	36.89 1.89 -14.47	36.31 1.88 -13.51	23.25 1.31 -5.77
NYPA_HARLEM_RVR_GT1 24160	25.64 1.48 -5.46	24.00 1.19 -7.34	22.59 1.10 -7.15	21.84 1.12 -6.34	21.42 1.12 -5.81	23.35 1.05 -8.10	24.91 1.19 -6.94	27.41 1.61 -5.46	28.28 1.71 -5.70	29.10 1.73 -6.48	28.48 1.67 -5.96	29.27 1.71 -6.71	30.09 1.71 -7.53	32.57 1.56 -11.54	33.93 1.44 -14.48	33.95 1.65 -11.64	42.78 1.68 -21.59	42.54 1.78 -19.85	35.94 1.94 -10.58	32.80 1.63 -10.23	28.86 1.95 -2.19	26.57 1.68 -4.36	24.86 1.76 -2.19	23.21 1.28 -5.77
NYPA_HARLEM_RVR_GT2 24161	25.64 1.48 -5.46	24.00 1.19 -7.34	22.59 1.10 -7.15	21.84 1.12 -6.34	21.42 1.12 -5.81	23.35 1.05 -8.10	24.91 1.19 -6.94	27.41 1.61 -5.46	28.28 1.71 -5.70	29.10 1.73 -6.48	28.48 1.67 -5.96	29.27 1.71 -6.71	30.09 1.71 -7.53	32.57 1.56 -11.54	33.93 1.44 -14.48	33.95 1.65 -11.64	42.78 1.68 -21.59	42.54 1.78 -19.85	35.94 1.94 -10.58	32.80 1.63 -10.23	28.86 1.95 -2.19	26.57 1.68 -4.36	24.86 1.76 -2.19	23.21 1.28 -5.77
NYPA_KENT__GT 24152	25.66 1.50 -5.46	24.00 1.19 -7.34	22.59 1.10 -7.15	21.83 1.11 -6.34	21.40 1.10 -5.80	23.33 1.02 -8.10	24.91 1.19 -6.94	27.47 1.67 -5.46	28.43 1.86 -5.70	35.43 1.90 -12.64	31.30 1.84 -8.62	35.61 1.90 -12.86	35.15 1.90 -12.40	32.74 1.73 -11.54	34.15 1.60 -14.54	34.16 1.86 -11.64	46.02 1.81 -24.70	58.87 1.92 -36.04	36.01 2.01 -10.58	33.57 1.78 -10.86	31.44 2.08 -4.64	32.50 1.83 -10.15	31.41 1.82 -8.67	23.20 1.26 -5.77
NYPA_POUCH1__GT 24155	25.67 1.51 -5.46	24.03 1.22 -7.34	22.62 1.13 -7.15	21.84 1.12 -6.34	21.43 1.13 -5.80	23.33 1.02 -8.10	24.86 1.14 -6.94	27.44 1.63 -5.46	28.42 1.84 -5.71	38.96 1.90 -16.17	33.85 1.84 -11.17	41.90 1.90 -19.15	40.24 1.92 -17.47	32.77 1.75 -11.55	34.29 1.64 -14.64	34.20 1.90 -11.65	90.19 1.87 -68.80	84.03 1.99 -61.13	36.08 2.08 -10.58	34.34 1.82 -11.58	34.26 2.10 -7.44	39.13 1.85 -16.75	38.81 1.84 -16.06	23.23 1.29 -5.77
NYPA_VERNON__GT2 24162	25.60 1.44 -5.46	23.97 1.16 -7.34	22.56 1.08 -7.16	21.80 1.08 -6.34	21.37 1.07 -5.80	23.31 1.01 -8.10	24.91 1.19 -6.94	27.45 1.65 -5.46	28.41 1.84 -5.70	34.45 1.86 -11.70	29.77 1.79 -7.13	32.15 1.85 -9.45	32.37 1.84 -9.69	32.69 1.67 -11.54	34.05 1.55 -14.50	34.09 1.80 -11.64	42.88 1.76 -21.61	46.73 1.86 -23.95	35.96 1.97 -10.58	33.06 1.74 -10.39	29.53 2.00 -2.81	28.12 1.77 -5.83	26.53 1.78 -3.84	23.17 1.23 -5.77

NYPA_VERNON____GT3 24163	25.60	23.97	22.56	21.80	21.37	23.31	24.91	27.45	28.41	34.45	29.77	32.15	32.37	32.69	34.05	34.09	42.88	46.73	35.96	33.06	29.53	28.12	26.53	23.17
	1.44	1.16	1.08	1.08	1.07	1.01	1.19	1.65	1.84	1.86	1.79	1.85	1.84	1.67	1.55	1.80	1.76	1.86	1.97	1.74	2.00	1.77	1.78	1.23
	-5.46	-7.34	-7.16	-6.34	-5.80	-8.10	-6.94	-5.46	-5.70	-11.70	-7.13	-9.45	-9.69	-11.54	-14.50	-11.64	-21.61	-23.95	-10.58	-10.39	-2.81	-5.83	-3.84	-5.77
NYPA____ASTORIA_CC1 323568	25.58	23.95	22.55	21.78	21.35	23.30	24.90	27.43	28.37	33.41	29.16	30.74	31.26	32.65	34.00	34.05	42.82	42.61	35.94	32.88	28.88	26.61	24.86	23.15
	1.42	1.14	1.06	1.06	1.06	0.99	1.17	1.63	1.80	1.82	1.77	1.81	1.81	1.64	1.51	1.75	1.72	1.84	1.94	1.72	1.98	1.72	1.76	1.21
	-5.46	-7.34	-7.15	-6.34	-5.80	-8.10	-6.94	-5.46	-5.70	-10.70	-6.54	-8.07	-8.60	-11.54	-14.48	-11.64	-21.59	-19.85	-10.58	-10.23	-2.19	-4.36	-2.19	-5.77
NYPA____ASTORIA_CC2 323569	25.58	23.95	22.55	21.78	21.35	23.30	24.90	27.43	28.37	33.41	29.16	30.74	31.26	32.65	34.00	34.05	42.82	42.61	35.94	32.88	28.88	26.61	24.86	23.15
	1.42	1.14	1.06	1.06	1.06	0.99	1.17	1.63	1.80	1.82	1.77	1.81	1.81	1.64	1.51	1.75	1.72	1.84	1.94	1.72	1.98	1.72	1.76	1.21
	-5.46	-7.34	-7.15	-6.34	-5.80	-8.10	-6.94	-5.46	-5.70	-10.70	-6.54	-8.07	-8.60	-11.54	-14.48	-11.64	-21.59	-19.85	-10.58	-10.23	-2.19	-4.36	-2.19	-5.77
NYPA____HOLTSVILL 23794	35.93	32.67	29.68	25.67	26.67	29.74	31.12	32.74	33.79	39.52	38.24	45.21	42.21	45.92	45.56	48.32	67.54	71.36	43.18	42.63	48.66	36.69	31.32	33.39
	1.94	1.62	1.53	1.54	1.54	1.48	1.80	2.26	2.44	2.46	2.15	2.21	2.15	1.95	1.80	2.09	1.99	2.15	2.36	2.16	2.55	2.22	2.36	1.81
	-15.28	-15.58	-13.82	-9.76	-10.64	-14.06	-12.54	-10.14	-10.48	-16.16	-15.25	-22.15	-19.22	-24.50	-25.75	-25.58	-46.04	-48.30	-17.40	-19.54	-21.40	-13.94	-8.05	-15.41
NYPA____HELLGATE_GT1 24158	25.64	24.00	22.59	21.84	21.42	23.35	24.91	27.41	28.28	29.10	28.48	29.27	30.09	32.57	33.93	33.95	42.78	42.54	35.94	32.80	28.86	26.57	24.86	23.21
	1.48	1.19	1.10	1.12	1.12	1.05	1.19	1.61	1.71	1.73	1.67	1.71	1.71	1.56	1.44	1.65	1.68	1.78	1.94	1.63	1.95	1.68	1.76	1.28
	-5.46	-7.34	-7.15	-6.34	-5.81	-8.10	-6.94	-5.46	-5.70	-6.48	-5.96	-6.71	-7.53	-11.54	-14.48	-11.64	-21.59	-19.85	-10.58	-10.23	-2.19	-4.36	-2.19	-5.77
NYPA____HELLGATE_GT2 24159	25.64	24.00	22.59	21.84	21.42	23.35	24.91	27.41	28.28	29.10	28.48	29.27	30.09	32.57	33.93	33.95	42.78	42.54	35.94	32.80	28.86	26.57	24.86	23.21
	1.48	1.19	1.10	1.12	1.12	1.05	1.19	1.61	1.71	1.73	1.67	1.71	1.71	1.56	1.44	1.65	1.68	1.78	1.94	1.63	1.95	1.68	1.76	1.28
	-5.46	-7.34	-7.15	-6.34	-5.81	-8.10	-6.94	-5.46	-5.70	-6.48	-5.96	-6.71	-7.53	-11.54	-14.48	-11.64	-21.59	-19.85	-10.58	-10.23	-2.19	-4.36	-2.19	-5.77
NYS_BARGE____HYD 23848	19.08	16.17	15.02	15.02	15.03	15.05	17.05	18.57	18.88	19.16	18.86	19.35	19.17	18.94	18.84	21.07	20.40	22.08	22.42	21.16	23.99	20.48	20.38	17.06
	-0.39	-0.34	-0.33	-0.26	-0.29	-0.30	-0.72	-1.28	-1.38	-1.28	-1.35	-1.25	-1.21	-1.07	-1.15	-1.16	-1.23	-1.34	-1.03	-1.21	-1.04	-0.66	-0.84	0.08
	-0.77	-1.04	-1.02	-0.90	-0.82	-1.15	-0.99	0.50	0.61	0.45	0.64	0.24	0.47	-0.54	-1.99	-1.57	-2.12	-2.50	-0.03	-1.44	-0.31	-0.61	-0.31	-0.81
OAK ORCHARD____HYD 24046	19.51	16.43	15.24	15.23	15.27	15.24	17.51	20.44	20.92	21.16	20.99	21.16	21.26	20.40	19.31	21.72	21.54	22.79	24.41	21.91	24.92	21.05	21.02	17.18
	0.17	0.11	0.07	0.11	0.09	0.09	-0.08	-0.55	-0.63	-0.46	-0.56	-0.48	-0.46	-0.41	-0.34	-0.23	-0.35	-0.34	-0.23	-0.21	-0.05	0.02	-0.15	0.34
	-0.64	-0.86	-0.84	-0.74	-0.68	-0.95	-0.81	-0.64	-0.67	-0.72	-0.70	-0.79	-0.87	-1.34	-1.64	-1.30	-2.38	-2.21	-1.23	-1.19	-0.25	-0.50	-0.25	-0.67
OAKDALE__35_KV_LOAD 356122	20.54	17.82	16.60	16.42	16.36	16.75	18.97	22.04	22.66	22.76	22.69	22.85	23.05	22.86	22.16	24.04	25.55	26.57	26.72	24.05	25.61	21.88	21.68	18.12
	0.22	0.19	0.16	0.17	0.14	0.16	0.13	0.08	0.10	0.04	0.08	0.02	0.02	0.02	0.02	0.12	0.06	0.10	0.21	0.13	0.25	0.08	0.13	0.27
	-1.61	-2.17	-2.11	-1.87	-1.71	-2.39	-2.05	-1.61	-1.68	-1.82	-1.76	-1.98	-2.18	-3.37	-4.13	-3.26	-5.98	-5.55	-3.09	-2.99	-0.64	-1.27	-0.64	-1.68
OCC_CHEM____DRP 24175	18.84	16.04	14.92	14.91	14.92	14.94	16.85	18.17	18.43	18.82	18.37	18.99	18.78	18.63	18.53	20.71	20.08	21.75	22.01	20.86	23.58	19.61	20.08	16.89
	-0.65	-0.49	-0.46	-0.39	-0.42	-0.44	-0.94	-1.57	-1.71	-1.53	-1.71	-1.54	-1.50	-1.32	-1.51	-1.55	-1.56	-1.71	-1.36	-1.55	-1.46	-1.54	-1.15	-0.11
	-0.79	-1.07	-1.04	-0.92	-0.85	-1.18	-1.01	0.60	0.73	0.54	0.77	0.32	0.57	-0.49	-2.04	-1.61	-2.13	-2.55	0.05	-1.47	-0.31	-0.63	-0.31	-0.83
OH_GEN_PROXY 24063	19.02	16.14	14.99	15.00	15.00	15.00	17.01	18.38	18.70	19.00	18.65	19.16	19.00	18.78	18.80	21.07	20.44	22.09	22.22	21.12	23.92	20.41	20.35	16.99
	-0.47	-0.39	-0.37	-0.29	-0.33	-0.37	-0.77	-1.55	-1.65	-1.55	-1.65	-1.54	-1.50	-1.32	-1.23	-1.18	-1.29	-1.38	-1.36	-1.28	-1.11	-0.74	-0.88	0.00
	-0.79	-1.06	-1.03	-0.91	-0.84	-1.17	-1.00	0.42	0.53	0.35	0.55	0.15	0.35	-0.64	-2.02	-1.59	-2.22	-2.56	-0.16	-1.46	-0.31	-0.62	-0.31	-0.82
OLIN_CORP_DRP 24177	18.85	16.00	14.88	14.86	14.87	14.91	16.86	18.23	18.46	18.85	18.41	19.01	18.80	18.67	18.61	20.79	20.15	21.84	22.04	20.92	23.65	19.68	20.14	16.88
	-0.65	-0.54	-0.50	-0.45	-0.48	-0.48	-0.94	-1.53	-1.69	-1.48	-1.69	-1.50	-1.46	-1.29	-1.46	-1.49	-1.50	-1.65	-1.31	-1.51	-1.38	-1.48	-1.09	-0.13
	-0.80	-1.08	-1.05	-0.93	-0.85	-1.19	-1.02	0.59	0.72	0.56	0.75	0.33	0.59	-0.48	-2.06	-1.62	-2.14	-2.58	0.07	-1.49	-0.32	-0.63	-0.32	-0.84
OLIN_CORP_DSASP 323712	18.86	16.04	14.91	14.92	14.92	14.94	16.85	18.17	18.47	18.80	18.41	18.99	18.78	18.63	18.57	20.77	20.08	21.75	21.98	20.84	23.55	20.15	20.08	16.89
	-0.64	-0.50	-0.46	-0.37	-0.42	-0.44	-0.94	-1.57	-1.67	-1.55	-1.67	-1.54	-1.50	-1.32	-1.48	-1.49	-1.56	-1.71	-1.38	-1.57	-1.48	-1.01	-1.15	-0.11
	-0.79	-1.07	-1.04	-0.92	-0.85	-1.18	-1.01	0.60	0.73	0.54	0.77	0.32	0.57	-0.49	-2.04	-1.61	-2.13	-2.55	0.05	-1.47	-0.31	-0.63	-0.31	-0.83
ONEIDA_HERK_LFGE 323681	19.04	15.81	14.70	14.66	14.75	14.61	17.22	20.78	21.34	21.34	21.19	21.17	21.17	19.83	18.43	20.94	20.11	21.61	24.03	21.53	25.16	20.89	21.07	16.48
	0.17	0.11	0.14	0.09	0.07	0.16	0.22	0.26	0.29	0.25	0.15	0.10	0.08	0.00	-0.02	-0.06	-0.04	0.11	0.28	0.27	0.37	0.23	0.08	0.13
	-0.17	-0.23	-0.23	-0.20	-0.18	-0.26	-0.22	-0.17	-0.18	-0.20	-0.19	-0.21	-0.23	-0.36	-0.44	-0.35	-0.64	-0.60	-0.33	-0.32	-0.07	-0.14	-0.07	-0.18
ONEIDA____115KV_TB4 55905	19.54	16.30	15.13	15.08	15.15	15.03	17.65	21.18	21.78	21.77	21.69	21.71	21.73	20.47	19.11	21.63	21.00	22.45	24.65	22.06	25.54	21.23	21.39	16.88
	0.52	0.42	0.39	0.34	0.32	0.37	0.47	0.53	0.58	0.52	0.50	0.48	0.46	0.35	0.31	0.35	0.33	0.46	0.63	0.54	0.69	0.45	0.36	0.39
	-0.31	-0.42	-0.41	-0.36	-0.33	-0.46	-0.40	-0.31	-0.32	-0.35	-0.34	-0.38	-0.42	-0.65	-0.80	-0.63	-1.16	-1.07	-0.60	-0.58	-0.12	-0.25	-0.12	-0.32

ONONDAGA_REF_OCCRA 23987	19.43 0.15 -0.58	16.35 0.11 -0.77	15.17 0.09 -0.75	15.14 0.10 -0.67	15.18 0.07 -0.61	15.14 0.09 -0.86	17.63 0.12 -0.73	20.94 0.02 -0.58	21.51 0.04 -0.60	21.61 0.06 -0.65	21.54 0.06 -0.63	21.62 0.06 -0.71	21.67 0.04 -0.78	20.69 0.02 -1.20	19.50 0.02 -1.48	21.90 0.08 -1.16	21.71 0.06 -2.14	23.00 0.10 -1.98	24.71 0.19 -1.10	22.11 0.10 -1.07	25.12 0.17 -0.23	21.00 0.02 -0.45	21.16 0.02 -0.23	16.95 0.18 -0.60
ONONDAGA___COGEN 23986	19.43 0.19 -0.54	16.34 0.15 -0.72	15.17 0.13 -0.71	15.14 0.14 -0.63	15.19 0.12 -0.57	15.13 0.13 -0.80	17.63 0.17 -0.69	20.96 0.08 -0.54	21.52 0.08 -0.56	21.63 0.13 -0.61	21.56 0.13 -0.59	21.64 0.13 -0.66	21.68 0.10 -0.73	20.65 0.06 -1.13	19.46 0.07 -1.38	21.87 0.12 -1.09	21.61 0.10 -2.00	22.92 0.15 -1.86	24.66 0.21 -1.03	22.08 0.15 -1.00	25.16 0.22 -0.21	21.01 0.06 -0.42	21.19 0.06 -0.21	16.94 0.21 -0.56
ONTARIO___LFGE 23819	19.79 0.34 -0.75	16.73 0.26 -1.01	15.52 0.20 -0.98	15.49 0.24 -0.87	15.50 0.20 -0.80	15.54 0.23 -1.11	17.99 0.25 -0.95	22.06 0.04 -1.67	22.71 0.02 -1.82	22.69 0.00 -1.80	22.79 0.04 -1.90	22.65 0.02 -1.78	22.94 -0.02 -2.11	21.76 -0.06 -2.34	19.90 -0.04 -1.92	22.25 0.08 -1.52	22.84 0.00 -3.33	23.70 0.08 -2.71	26.16 0.26 -2.48	22.49 0.17 -1.39	25.36 0.35 -0.30	21.41 0.29 -0.59	21.29 0.08 -0.30	17.34 0.39 -0.78
ORANGEVILLE_WT_PWR 323706	19.32 -0.34 -0.95	16.42 -0.33 -1.28	15.28 -0.30 -1.25	15.23 -0.24 -1.11	15.25 -0.26 -1.01	15.36 -0.26 -1.41	17.40 -0.59 -1.21	14.28 -1.10 4.97	14.08 -1.17 5.62	14.61 -1.25 5.03	13.70 -1.27 5.88	15.23 -1.29 4.33	13.82 -1.33 5.70	15.30 -1.19 2.99	19.35 -1.10 -2.44	21.50 -1.07 -1.93	18.44 -1.13 -0.06	22.25 -1.17 -2.51	17.51 -1.05 4.86	21.69 -1.00 -1.76	24.26 -0.84 -0.38	20.74 -0.53 -0.75	20.58 -0.71 -0.38	17.21 0.05 -0.99
ORANGEVILLE___ESR 323794	19.32 -0.34 -0.95	16.42 -0.33 -1.28	15.28 -0.30 -1.25	15.23 -0.24 -1.11	15.25 -0.26 -1.01	15.36 -0.26 -1.41	17.40 -0.59 -1.21	14.28 -1.10 4.97	14.08 -1.17 5.62	14.61 -1.25 5.03	13.70 -1.27 5.88	15.23 -1.29 4.33	13.82 -1.33 5.70	15.30 -1.19 2.99	19.35 -1.10 -2.44	21.50 -1.07 -1.93	18.44 -1.13 -0.06	22.25 -1.17 -2.51	17.51 -1.05 4.86	21.69 -1.00 -1.76	24.26 -0.84 -0.38	20.74 -0.53 -0.75	20.58 -0.71 -0.38	17.21 0.05 -0.99
OSWEGATCHIE___HYD 24044	18.08 -0.77 -0.14	14.99 -0.66 -0.19	13.95 -0.57 -0.19	13.89 -0.65 -0.17	14.01 -0.64 -0.15	13.86 -0.55 -0.21	16.38 -0.59 -0.18	19.86 -0.63 -0.14	20.31 -0.71 -0.15	20.32 -0.73 -0.16	20.09 -0.92 -0.16	20.11 -0.92 -0.18	20.09 -0.96 -0.19	18.88 -0.90 -0.30	17.55 -0.83 -0.37	19.81 -1.14 -0.29	19.11 -0.94 -0.53	20.49 -0.92 -0.50	22.76 -0.94 -0.28	20.45 -0.75 -0.27	23.86 -0.91 -0.06	19.80 -0.84 -0.11	20.03 -0.94 -0.06	15.54 -0.78 -0.15
OSWEGO___5 23606	18.92 -0.19 -0.40	15.87 -0.14 -0.54	14.72 -0.14 -0.53	14.70 -0.14 -0.47	14.77 -0.16 -0.43	14.66 -0.14 -0.60	17.11 -0.18 -0.52	20.42 -0.33 -0.40	20.96 -0.33 -0.42	21.04 -0.31 -0.46	20.96 -0.33 -0.44	21.01 -0.33 -0.50	21.06 -0.33 -0.55	20.01 -0.31 -0.85	18.76 -0.29 -1.04	21.18 -0.29 -0.82	20.72 -0.29 -1.50	22.02 -0.29 -1.40	23.92 -0.28 -0.78	21.41 -0.27 -0.75	24.61 -0.27 -0.16	20.62 -0.23 -0.32	20.78 -0.29 -0.16	16.50 -0.10 -0.42
OSWEGO___6 23613	18.92 -0.19 -0.40	15.87 -0.14 -0.54	14.72 -0.14 -0.53	14.70 -0.14 -0.47	14.77 -0.16 -0.43	14.66 -0.14 -0.60	17.11 -0.18 -0.52	20.42 -0.33 -0.40	20.96 -0.33 -0.42	21.04 -0.31 -0.46	20.96 -0.33 -0.44	21.01 -0.33 -0.50	21.06 -0.33 -0.55	20.01 -0.31 -0.85	18.76 -0.29 -1.04	21.18 -0.29 -0.82	20.72 -0.29 -1.50	22.02 -0.29 -1.40	23.92 -0.28 -0.78	21.41 -0.27 -0.75	24.61 -0.27 -0.16	20.62 -0.23 -0.32	20.78 -0.29 -0.16	16.50 -0.10 -0.42
OUTOKUMPU-AB___DRP 24206	19.19 -0.32 -0.81	16.31 -0.25 -1.09	15.15 -0.24 -1.06	15.13 -0.19 -0.94	15.15 -0.20 -0.86	15.21 -0.20 -1.20	17.17 -0.64 -1.03	18.51 -1.16 0.68	18.78 -1.27 0.82	19.08 -1.19 0.62	18.73 -1.27 0.85	19.29 -1.17 0.39	19.06 -1.13 0.67	18.93 -0.97 -0.44	19.00 -1.08 -2.08	21.20 -1.09 -1.64	20.53 -1.11 -2.13	22.27 -1.23 -2.59	22.35 -0.94 0.13	21.33 -1.11 -1.50	24.10 -0.94 -0.32	20.06 -1.11 -0.64	20.46 -0.77 -0.32	17.18 0.16 -0.85
OXBOW___ 24026	19.07 -0.43 -0.80	16.20 -0.34 -1.08	15.07 -0.32 -1.05	15.06 -0.24 -0.93	15.06 -0.29 -0.85	15.11 -0.28 -1.19	17.05 -0.75 -1.02	18.38 -1.32 0.64	18.68 -1.42 0.78	18.97 -1.34 0.58	18.62 -1.42 0.81	19.20 -1.29 0.36	18.98 -1.25 0.62	18.84 -1.09 -0.46	18.84 -1.23 -2.06	21.06 -1.22 -1.62	20.35 -1.29 -2.13	22.07 -1.42 -2.57	22.20 -1.12 0.09	21.13 -1.30 -1.49	23.88 -1.16 -0.32	20.42 -0.74 -0.63	20.31 -0.92 -0.32	17.07 0.06 -0.84
OXY_CHEM_DSASP 323612	18.84 -0.65 -0.79	16.04 -0.49 -1.07	14.92 -0.46 -1.04	14.91 -0.39 -0.92	14.92 -0.42 -0.85	14.94 -0.44 -1.18	16.85 -0.94 -1.01	18.17 -1.57 0.60	18.43 -1.71 0.73	18.82 -1.53 0.54	18.37 -1.71 0.77	18.99 -1.54 0.32	18.78 -1.50 0.57	18.63 -1.32 -0.49	18.53 -1.51 -2.04	20.71 -1.55 -1.61	20.08 -1.56 -2.13	21.75 -2.55 -2.55	22.01 -1.36 0.05	20.86 -1.55 -1.47	23.58 -1.46 -0.31	19.61 -1.54 -0.63	20.08 -1.15 -0.31	16.89 -0.11 -0.83
OZONE_PARK_ESR 323760	25.67 1.51 -5.45	24.02 1.22 -7.34	22.61 1.13 -7.15	21.85 1.14 -6.34	21.43 1.13 -5.80	23.38 1.08 -8.10	25.01 1.29 -6.94	27.54 1.75 -5.45	28.52 1.96 -5.69	29.34 1.98 -6.47	28.72 1.92 -5.95	29.52 1.96 -6.71	30.24 1.96 -7.43	32.65 1.79 -11.39	33.96 1.66 -14.30	34.08 1.92 -11.51	42.74 1.89 -21.33	42.53 2.01 -19.61	36.13 2.13 -10.58	33.02 1.86 -10.22	29.03 2.15 -2.16	26.67 1.85 -4.30	24.97 1.90 -2.16	23.17 1.31 -5.69
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	18.84 -0.65 -0.79	16.04 -0.49 -1.07	14.92 -0.46 -1.04	14.91 -0.39 -0.92	14.92 -0.42 -0.85	14.94 -0.44 -1.18	16.85 -0.94 -1.01	18.17 -1.57 0.60	18.43 -1.71 0.73	18.82 -1.53 0.54	18.37 -1.71 0.77	18.99 -1.54 0.32	18.78 -1.50 0.57	18.63 -1.32 -0.49	18.53 -1.51 -2.04	20.71 -1.55 -1.61	20.08 -1.56 -2.13	21.75 -2.55 -2.55	22.01 -1.36 0.05	20.86 -1.55 -1.47	23.58 -1.46 -0.31	19.61 -1.54 -0.63	20.08 -1.15 -0.31	16.89 -0.11 -0.83
PACKARD___115KV_DUPONT_184 80571	18.84 -0.65 -0.79	16.04 -0.49 -1.07	14.92 -0.46 -1.04	14.91 -0.39 -0.92	14.92 -0.42 -0.85	14.94 -0.44 -1.18	16.85 -0.94 -1.01	18.17 -1.57 0.60	18.43 -1.71 0.73	18.82 -1.53 0.54	18.37 -1.71 0.77	18.99 -1.54 0.32	18.78 -1.50 0.57	18.63 -1.32 -0.49	18.53 -1.51 -2.04	20.71 -1.55 -1.61	20.08 -1.56 -2.13	21.75 -2.55 -2.55	22.01 -1.36 0.05	20.86 -1.55 -1.47	23.58 -1.46 -0.31	19.61 -1.54 -0.63	20.08 -1.15 -0.31	16.89 -0.11 -0.83
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	25.64 1.48 -5.46	24.01 1.21 -7.34	22.60 1.12 -7.15	21.84 1.12 -6.34	21.42 1.12 -5.81	23.34 1.04 -8.10	24.91 1.19 -6.94	27.43 1.63 -5.46	28.30 1.73 -5.70	29.12 1.75 -6.48	28.50 1.69 -5.96	29.29 1.73 -6.71	30.02 1.73 -7.44	32.49 1.62 -11.40	33.77 1.46 -14.31	33.90 1.73 -11.51	42.53 1.68 -21.34	42.33 1.80 -19.62	35.94 1.94 -10.58	32.80 1.63 -10.23	28.81 1.93 -2.16	26.50 1.66 -4.30	24.84 1.76 -2.17	23.14 1.28 -5.70

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	25.77 1.61 -5.46	24.12 1.31 -7.34	22.70 1.22 -7.15	21.94 1.22 -6.34	21.54 1.23 -5.81	23.44 1.14 -8.10	25.00 1.28 -6.94	27.51 1.71 -5.46	28.39 1.82 -5.70	29.21 1.84 -6.48	28.67 1.86 -5.96	29.44 1.88 -6.71	30.17 1.88 -7.44	32.55 1.67 -11.40	33.84 1.53 -14.31	33.96 1.80 -11.51	42.61 1.76 -21.34	42.42 1.88 -19.62	36.03 2.04 -10.58	32.88 1.72 -10.23	28.91 2.03 -2.16	26.58 1.74 -4.30	24.94 1.86 -2.17	23.21 1.34 -5.70
PATROON__115KV_TB1 80586	26.51 0.64 -7.17	25.64 0.53 -9.65	24.20 0.47 -9.40	23.18 0.47 -8.33	22.60 0.48 -7.63	25.34 0.48 -10.65	26.46 0.55 -9.13	28.16 0.65 -7.17	29.07 0.71 -7.48	29.80 0.73 -8.17	29.43 0.75 -7.83	30.40 0.73 -8.82	31.23 0.71 -9.67	35.10 0.64 -14.98	36.64 0.59 -18.04	35.30 0.68 -13.96	45.49 0.62 -25.35	45.38 0.69 -23.78	37.93 0.80 -13.72	34.91 0.71 -13.26	28.45 0.89 -2.84	26.86 0.68 -5.65	24.44 0.69 -2.84	24.12 0.47 -7.48
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	18.97 -0.62 -0.88	16.14 -0.51 -1.19	15.00 -0.49 -1.16	14.94 -0.46 -1.03	14.96 -0.48 -0.94	15.07 -0.44 -1.31	17.05 -0.86 -1.12	18.54 -1.14 0.66	19.07 -1.00 0.80	18.79 -1.50 0.60	19.03 -0.98 0.84	19.06 -1.44 0.36	18.80 -1.42 0.64	18.76 -1.25 -0.54	19.10 -1.17 -2.27	21.26 -1.18 -1.79	20.65 -1.23 -2.37	22.42 -1.34 -2.84	22.12 -1.24 0.06	21.34 -1.24 -1.64	23.91 -1.16 -0.35	19.99 -1.23 -0.70	20.26 -1.00 -0.35	16.96 -0.13 -0.92
PAWLING_115_KV_BK3_REV_LBMP_H 345028	25.49 1.20 -5.59	23.96 0.97 -7.52	22.59 0.93 -7.33	21.82 0.95 -6.49	21.37 0.93 -5.95	23.40 0.89 -8.30	24.95 1.06 -7.12	27.27 1.34 -5.59	28.21 1.50 -5.83	28.83 1.50 -6.44	28.45 1.50 -6.10	29.25 1.52 -6.88	30.17 1.71 -7.61	32.69 1.54 -11.68	34.08 1.46 -14.61	34.11 1.73 -11.73	42.90 1.68 -21.71	42.70 1.80 -19.98	36.14 1.99 -10.73	32.88 1.57 -10.38	28.69 1.76 -2.21	26.41 1.48 -4.40	24.59 1.46 -2.21	23.04 1.03 -5.83
PEEKSKILL____ 23653	25.19 1.12 -5.37	23.60 0.91 -7.22	22.23 0.86 -7.04	21.49 0.88 -6.24	21.08 0.87 -5.71	23.00 0.82 -7.98	24.57 0.96 -6.84	26.99 1.28 -5.37	27.90 1.42 -5.60	28.75 1.44 -6.42	28.11 1.40 -5.86	28.89 1.44 -6.61	29.73 1.46 -7.42	32.17 1.32 -11.38	33.52 1.24 -14.27	33.60 1.47 -11.48	42.21 1.42 -21.28	41.99 1.51 -19.57	35.49 1.64 -10.43	32.40 1.38 -10.09	28.46 1.58 -2.16	26.19 1.38 -4.29	24.43 1.36 -2.16	22.79 0.94 -5.68
PGE MADISON__WINDPWR 24146	21.60 1.38 -1.51	18.65 1.14 -2.04	17.39 1.08 -1.99	17.13 0.99 -1.76	17.07 0.96 -1.61	17.49 1.04 -2.25	20.02 1.31 -1.93	23.65 1.48 -1.82	24.23 1.44 -1.92	24.22 1.30 -2.03	24.09 1.23 -2.01	24.10 1.10 -2.15	24.35 1.08 -2.41	23.73 0.84 -3.42	22.64 0.74 -3.89	24.65 0.93 -3.07	26.12 0.80 -5.81	27.31 1.13 -5.27	28.26 1.59 -3.25	25.15 1.40 -2.81	27.12 1.80 -0.60	23.08 1.35 -1.20	22.58 1.07 -0.60	18.82 1.07 -1.58
PIERCEFIELD__HYD 23852	17.64 -1.07 0.00	14.55 -0.91 0.00	13.52 -0.82 0.00	13.50 -0.88 0.00	13.64 -0.86 0.00	13.36 -0.84 0.00	15.87 -0.91 0.00	19.43 -0.92 0.00	19.85 -1.02 0.00	19.85 -1.04 0.00	19.81 -1.04 0.00	19.83 -1.02 0.00	19.81 -1.04 0.00	18.50 -0.97 0.00	17.12 -0.88 0.00	19.35 -1.30 0.00	18.48 -1.03 0.00	19.72 -1.19 0.00	22.04 -1.38 0.00	19.78 -1.15 0.00	23.24 -1.48 0.00	19.40 -1.13 0.00	19.62 -1.30 0.00	15.04 -1.13 0.00
PINELAWN_CC_1 323563	35.78 1.85 -15.23	32.58 1.53 -15.58	29.58 1.43 -13.82	25.58 1.45 -9.76	26.58 1.45 -10.64	29.65 1.39 -14.06	31.00 1.68 -12.54	32.62 2.14 -10.14	33.66 2.32 -10.47	34.92 2.34 -11.69	32.58 2.08 -9.65	36.28 2.17 -13.26	35.66 2.15 -12.66	36.49 1.83 -15.19	45.35 1.60 -25.74	48.10 1.88 -25.57	47.06 1.81 -25.73	44.75 1.95 -21.89	40.88 2.23 -15.24	38.39 1.99 -15.46	36.26 2.37 -9.16	35.15 2.22 -12.41	31.24 2.28 -8.05	30.27 1.70 -12.40
PJM_GEN_HTP_PROXY 323702	25.44 1.29 -5.45	23.85 1.05 -7.34	22.45 0.98 -7.15	21.69 0.98 -6.34	21.27 0.97 -5.80	23.23 0.92 -8.10	24.83 1.11 -6.94	27.30 1.51 -5.45	28.25 1.69 -5.69	29.07 1.71 -6.47	28.47 1.67 -5.95	29.27 1.71 -6.71	30.06 1.69 -7.52	32.54 1.54 -11.53	33.90 1.42 -14.47	33.93 1.63 -11.64	42.71 1.62 -21.58	42.47 1.72 -19.84	35.82 1.83 -10.58	32.75 1.59 -10.22	28.74 1.83 -2.19	26.48 1.60 -4.35	24.71 1.61 -2.18	23.03 1.10 -5.76
PJM_GEN_KEystone 24065	22.30 0.30 -3.30	20.15 0.25 -4.44	18.89 0.23 -4.33	18.48 0.27 -3.84	18.24 0.23 -3.51	19.32 0.21 -4.90	21.12 0.13 -4.20	23.42 0.08 -2.99	24.10 0.13 -3.10	24.26 0.08 -3.28	24.20 0.10 -3.25	24.73 0.10 -3.78	25.13 0.10 -4.18	26.31 0.14 -6.70	26.86 0.14 -8.71	27.93 0.29 -6.99	32.46 0.20 -12.75	32.99 0.21 -11.87	29.76 0.30 -6.04	27.27 0.17 -6.17	26.39 0.35 -1.32	23.52 0.37 -2.63	22.50 0.27 -1.32	20.03 0.39 -3.48
PJM_GEN_NEPTUNE_PROXY 323594	35.43 1.50 -15.23	32.28 1.24 -15.58	29.31 1.16 -13.82	25.31 1.18 -9.76	26.31 1.17 -10.64	29.38 1.12 -14.06	30.65 1.33 -12.54	32.19 1.71 -10.14	33.22 1.88 -10.47	34.22 1.90 -11.42	31.80 1.73 -9.22	33.97 1.81 -11.30	33.86 1.79 -11.21	35.98 1.64 -14.87	45.26 1.51 -25.74	47.98 1.75 -25.57	46.26 1.70 -25.05	43.73 1.82 -21.00	40.57 1.99 -15.16	37.21 1.74 -14.54	33.18 2.03 -6.43	34.35 1.77 -12.06	30.80 1.84 -8.05	29.70 1.33 -12.20
PJM_GEN_VFT_PROXY 323633	25.39 1.23 -5.45	23.79 0.99 -7.34	22.38 0.90 -7.15	21.62 0.91 -6.34	21.20 0.90 -5.80	23.17 0.87 -8.10	24.78 1.06 -6.94	27.26 1.47 -5.45	28.21 1.65 -5.69	29.03 1.67 -6.47	28.43 1.63 -5.95	29.20 1.65 -6.71	30.02 1.65 -7.52	32.46 1.46 -11.53	33.83 1.35 -14.47	33.85 1.55 -11.64	42.64 1.54 -21.58	42.37 1.61 -19.84	35.70 1.71 -10.58	32.67 1.51 -10.22	28.66 1.76 -2.19	26.42 1.54 -4.35	24.69 1.59 -2.18	23.00 1.07 -5.76
PLATSBRG_115KV_PMLD1 355749	18.01 -0.69 0.00	14.86 -0.60 0.00	13.82 -0.52 0.00	13.81 -0.56 0.00	14.05 -0.45 0.00	13.68 -0.53 0.00	16.39 -0.39 0.00	20.18 -0.16 0.00	20.37 -0.50 0.00	20.39 -0.50 0.00	20.33 -0.52 0.00	20.64 -0.21 0.00	20.56 -0.29 0.00	19.00 -0.47 0.00	17.45 -0.56 0.00	19.79 -0.87 0.00	18.79 -0.72 0.00	20.12 -0.79 0.00	22.48 -0.94 0.00	20.20 -0.73 0.00	23.71 -1.01 0.00	19.77 -0.76 0.00	20.06 -0.86 0.00	15.38 -0.79 0.00
PLEASANTVLY__LBMP 24000	25.54 0.99 -5.85	24.16 0.82 -7.87	22.78 0.77 -7.67	21.95 0.78 -6.80	21.50 0.78 -6.22	23.63 0.74 -8.69	25.09 0.86 -7.45	27.27 1.08 -5.85	28.19 1.21 -6.11	28.84 1.21 -6.74	28.43 1.19 -6.39	29.26 1.21 -7.20	30.10 1.27 -7.98	32.86 1.17 -12.23	34.47 1.08 -15.38	34.34 1.28 -12.41	43.77 1.23 -23.03	43.36 1.30 -21.15	36.01 1.43 -11.16	32.96 1.24 -10.79	28.47 1.43 -2.32	26.35 1.21 -4.61	24.46 1.23 -2.32	23.15 0.87 -6.11
PLSNTVLE_13_KV_13.8KVDIST 80602	25.43 1.20 -5.53	23.88 0.97 -7.44	22.50 0.92 -7.25	21.72 0.92 -6.43	21.29 0.91 -5.88	23.30 0.88 -8.22	24.86 1.04 -7.04	27.23 1.36 -5.53	28.17 1.52 -5.77	28.93 1.55 -6.49	28.39 1.50 -6.04	29.19 1.54 -6.80	29.97 1.58 -7.54	32.49 1.46 -11.56	33.88 1.37 -14.51	33.92 1.59 -11.68	42.70 1.54 -21.65	42.44 1.63 -19.90	35.85 1.76 -10.68	32.77 1.51 -10.32	28.64 1.73 -2.19	26.34 1.46 -4.36	24.59 1.48 -2.19	22.97 1.03 -5.77

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	25.43 1.20 -5.53	23.88 0.97 -7.44	22.50 0.92 -7.25	21.72 0.92 -6.43	21.29 0.91 -5.88	23.30 0.88 -8.22	24.86 1.04 -7.04	27.23 1.36 -5.53	28.17 1.52 -5.77	28.93 1.55 -6.49	28.39 1.50 -6.04	29.19 1.54 -6.80	29.97 1.58 -7.54	32.49 1.46 -11.56	33.88 1.37 -14.51	33.92 1.59 -11.68	42.70 1.54 -21.65	42.44 1.63 -19.90	35.85 1.76 -10.68	32.77 1.51 -10.32	28.64 1.73 -2.19	26.34 1.46 -4.36	24.59 1.48 -2.19	22.97 1.03 -5.77
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	25.47 1.08 -5.69	24.00 0.88 -7.65	22.62 0.83 -7.46	21.82 0.83 -6.61	21.39 0.84 -6.05	23.46 0.81 -8.45	24.96 0.94 -7.24	27.19 1.16 -5.68	28.08 1.27 -5.94	28.69 1.30 -6.50	28.33 1.27 -6.21	29.14 1.29 -7.00	29.94 1.40 -7.70	32.64 1.29 -11.89	33.71 1.21 -14.50	33.42 1.40 -11.37	41.66 1.37 -20.78	41.74 1.46 -19.36	35.95 1.64 -10.89	32.84 1.38 -10.53	28.58 1.61 -2.25	26.34 1.33 -4.48	24.52 1.36 -2.25	23.06 0.95 -5.94
POLETTI____ 23519	25.46 1.31 -5.45	23.85 1.05 -7.34	22.45 0.97 -7.15	21.69 0.98 -6.34	21.28 0.99 -5.80	23.23 0.92 -8.10	24.85 1.12 -6.94	27.32 1.53 -5.45	28.27 1.71 -5.69	29.09 1.73 -6.47	28.47 1.67 -5.95	29.27 1.71 -6.71	29.99 1.71 -7.43	32.42 1.56 -11.39	33.75 1.44 -14.30	33.81 1.65 -11.51	42.46 1.62 -21.33	42.26 1.74 -19.61	35.82 1.83 -10.58	32.75 1.59 -10.22	28.71 1.83 -2.16	26.41 1.58 -4.30	24.72 1.65 -2.16	22.97 1.12 -5.69
POMONA____ESR 323819	24.95 1.05 -5.20	23.32 0.85 -7.00	21.97 0.82 -6.82	21.26 0.83 -6.05	20.86 0.83 -5.54	22.70 0.77 -7.74	24.30 0.89 -6.63	26.73 1.18 -5.20	27.62 1.32 -5.43	27.76 1.34 -5.53	27.85 1.31 -5.69	28.61 1.35 -6.40	29.40 1.38 -7.17	31.72 1.25 -11.00	32.98 1.19 -13.79	33.12 1.38 -11.08	41.38 1.33 -20.54	41.23 1.42 -18.89	35.05 1.55 -10.09	31.99 1.30 -9.75	28.31 1.51 -2.08	25.99 1.31 -4.15	24.27 1.28 -2.08	22.54 0.87 -5.49
PORT_JEFF_3 23555	35.99 2.00 -15.29	32.72 1.67 -15.58	29.73 1.58 -13.82	25.70 1.57 -9.76	26.70 1.57 -10.64	29.78 1.52 -14.06	31.17 1.85 -12.54	32.80 2.32 -10.14	33.85 2.50 -10.48	39.58 2.53 -16.16	38.26 2.15 -15.26	45.49 2.21 -22.43	42.40 2.13 -19.42	46.29 1.91 -24.91	45.50 1.75 -25.75	48.28 2.05 -25.58	68.38 1.95 -46.92	72.46 2.11 -49.44	43.23 2.32 -17.49	42.72 2.11 -19.67	48.99 2.50 -21.78	36.76 2.24 -13.99	31.38 2.42 -8.05	33.56 1.84 -15.55
PORT_JEFF_4 23616	35.99 2.00 -15.29	32.72 1.67 -15.58	29.73 1.58 -13.82	25.70 1.57 -9.76	26.70 1.57 -10.64	29.78 1.52 -14.06	31.17 1.85 -12.54	32.80 2.32 -10.14	33.85 2.50 -10.48	39.58 2.53 -16.16	38.26 2.15 -15.26	45.49 2.21 -22.43	42.40 2.13 -19.42	46.29 1.91 -24.91	45.50 1.75 -25.75	48.28 2.05 -25.58	68.38 1.95 -46.92	72.46 2.11 -49.44	43.23 2.32 -17.49	42.72 2.11 -19.67	48.99 2.50 -21.78	36.76 2.24 -13.99	31.38 2.42 -8.05	33.56 1.84 -15.55
PORT_JEFF_IC 23713	36.06 2.06 -15.30	32.76 1.72 -15.58	29.77 1.62 -13.82	25.74 1.61 -9.76	26.74 1.61 -10.64	29.82 1.56 -14.06	31.22 1.90 -12.54	32.86 2.38 -10.14	33.92 2.57 -10.48	39.71 2.59 -16.23	38.48 2.23 -15.40	46.50 2.31 -23.33	43.19 2.25 -20.09	47.82 1.95 -26.40	45.54 1.78 -25.75	48.32 2.09 -25.59	71.70 2.01 -50.18	76.75 2.15 -53.68	43.62 2.36 -17.84	43.19 2.18 -20.08	50.30 2.57 -23.01	37.01 2.34 -14.14	31.45 2.49 -8.05	34.11 1.89 -16.05
PPL PILGRIM_ST_GT1 24216	35.92 1.98 -15.24	32.70 1.66 -15.58	29.71 1.56 -13.82	25.71 1.58 -9.76	26.71 1.58 -10.64	29.78 1.52 -14.06	31.17 1.85 -12.54	32.80 2.32 -10.14	33.85 2.50 -10.47	35.94 2.53 -12.52	34.44 2.23 -11.36	48.17 2.31 -25.01	44.42 2.27 -21.30	38.37 1.99 -16.91	45.57 1.82 -25.74	48.35 2.13 -25.57	51.00 1.99 -29.50	49.91 2.22 -26.78	41.49 2.44 -15.64	44.22 2.30 -20.98	53.00 2.74 -25.54	37.38 2.34 -14.52	31.41 2.45 -8.05	30.96 1.83 -12.96
PPL PILGRIM_ST_GT2 24217	35.92 1.98 -15.24	32.70 1.66 -15.58	29.71 1.56 -13.82	25.71 1.58 -9.76	26.71 1.58 -10.64	29.78 1.52 -14.06	31.17 1.85 -12.54	32.80 2.32 -10.14	33.85 2.50 -10.47	35.94 2.53 -12.52	34.44 2.23 -11.36	48.17 2.31 -25.01	44.42 2.27 -21.30	38.37 1.99 -16.91	45.57 1.82 -25.74	48.35 2.13 -25.57	51.00 1.99 -29.50	49.91 2.22 -26.78	41.49 2.44 -15.64	44.22 2.30 -20.98	53.00 2.74 -25.54	37.38 2.34 -14.52	31.41 2.45 -8.05	30.96 1.83 -12.96
PPL_SHRM_GT3 24213	36.23 2.24 -15.29	32.92 1.87 -15.58	29.91 1.76 -13.82	25.88 1.75 -9.76	26.89 1.75 -10.64	29.95 1.69 -14.06	31.39 2.06 -12.54	33.07 2.58 -10.14	34.13 2.78 -10.48	39.80 2.80 -16.11	38.57 2.50 -15.22	46.03 2.58 -22.60	42.83 2.44 -19.55	46.80 2.24 -25.09	45.77 2.02 -25.75	48.59 2.35 -25.58	69.09 2.26 -47.31	73.29 2.42 -49.95	43.64 2.69 -17.53	43.09 2.41 -19.74	49.57 2.84 -22.01	36.99 2.44 -14.02	31.53 2.57 -8.05	33.73 1.96 -15.61
PPL_SHRM_GT4 24214	36.23 2.24 -15.29	32.92 1.87 -15.58	29.91 1.76 -13.82	25.88 1.75 -9.76	26.89 1.75 -10.64	29.95 1.69 -14.06	31.39 2.06 -12.54	33.07 2.58 -10.14	34.13 2.78 -10.48	39.80 2.80 -16.11	38.57 2.50 -15.22	46.03 2.58 -22.60	42.83 2.44 -19.55	46.80 2.24 -25.09	45.77 2.02 -25.75	48.59 2.35 -25.58	69.09 2.26 -47.31	73.29 2.42 -49.95	43.64 2.69 -17.53	43.09 2.41 -19.74	49.57 2.84 -22.01	36.99 2.44 -14.02	31.53 2.57 -8.05	33.73 1.96 -15.61
PROJECT___ORANGE 1 24174	19.27 0.09 -0.48	16.18 0.08 -0.64	15.01 0.06 -0.62	15.00 0.07 -0.55	15.05 0.04 -0.51	14.96 0.06 -0.71	17.45 0.07 -0.61	20.80 -0.02 -0.48	21.35 -0.02 -0.50	21.43 0.00 -0.54	21.37 0.00 -0.52	21.43 0.00 -0.59	21.49 0.00 -0.64	20.45 -0.02 -0.99	19.21 -0.02 -1.22	21.66 0.04 -0.96	21.28 0.00 -1.77	22.59 0.04 -1.64	24.42 0.09 -0.91	21.86 0.04 -0.88	25.01 0.10 -0.19	20.86 -0.04 -0.37	21.08 -0.02 -0.19	16.81 0.15 -0.50
PROJECT___ORANGE 2 24166	19.27 0.09 -0.48	16.18 0.08 -0.64	15.01 0.06 -0.62	15.00 0.07 -0.55	15.05 0.04 -0.51	14.96 0.06 -0.71	17.45 0.07 -0.61	20.80 -0.02 -0.48	21.35 -0.02 -0.50	21.43 0.00 -0.54	21.37 0.00 -0.52	21.43 0.00 -0.59	21.49 0.00 -0.64	20.45 -0.02 -0.99	19.21 -0.02 -1.22	21.66 0.04 -0.96	21.28 0.00 -1.77	22.59 0.04 -1.64	24.42 0.09 -0.91	21.86 0.04 -0.88	25.01 0.10 -0.19	20.86 -0.04 -0.37	21.08 -0.02 -0.19	16.81 0.15 -0.50
PUCKETT___SOLAR 323809	20.89 0.54 -1.65	18.13 0.45 -2.22	16.89 0.40 -2.16	16.69 0.40 -1.91	16.61 0.36 -1.75	17.03 0.38 -2.45	19.33 0.45 -2.10	22.42 0.43 -1.65	23.01 0.42 -1.72	23.07 0.31 -1.86	22.94 0.29 -1.80	23.08 0.21 -2.03	23.27 0.19 -2.23	23.05 0.14 -3.44	22.38 0.14 -4.23	24.25 0.27 -3.33	25.84 0.22 -6.12	26.95 0.36 -5.68	27.16 0.59 -3.16	24.47 0.48 -3.05	26.06 0.69 -0.65	22.40 0.57 -1.30	21.96 0.40 -0.65	18.39 0.50 -1.72
PYRITES___HYD 24023	18.05 -0.65 0.00	14.91 -0.56 0.00	13.85 -0.49 0.00	13.81 -0.56 0.00	13.93 -0.57 0.00	13.66 -0.54 0.00	16.23 -0.55 0.00	19.86 -0.49 0.00	20.27 -0.61 0.00	20.27 -0.63 0.00	20.29 -0.56 0.00	20.29 -0.56 0.00	20.29 -0.56 0.00	18.89 -0.58 0.00	17.47 -0.54 0.00	19.76 -0.89 0.00	18.87 -0.64 0.00	20.16 -0.75 0.00	22.53 -0.89 0.00	20.22 -0.71 0.00	23.78 -0.94 0.00	19.81 -0.72 0.00	20.01 -0.90 0.00	15.36 -0.81 0.00

QUAKERRD_115KV_BK1 80622	19.02 -0.30 -0.62	16.01 -0.28 -0.83	14.85 -0.29 -0.81	14.83 -0.26 -0.72	14.88 -0.28 -0.66	14.85 -0.27 -0.92	17.13 -0.44 -0.78	20.04 -0.92 -0.62	20.47 -1.04 -0.64	20.77 -0.81 -0.70	20.56 -0.96 -0.67	20.75 -0.85 -0.76	20.85 -0.83 -0.83	19.96 -0.80 -1.29	18.88 -0.70 -1.58	21.22 -0.68 -1.25	21.07 -0.72 -2.29	22.30 -0.73 -2.12	23.90 -0.70 -1.18	21.45 -0.63 -1.14	24.37 -0.59 -0.24	20.27 -0.74 -0.49	20.53 -0.63 -0.24	16.70 -0.11 -0.64
QUENSBRY_115KV_TB8 356137	27.70 1.63 -7.37	26.74 1.36 -9.92	25.20 1.20 -9.66	24.15 1.21 -8.57	23.56 1.22 -7.84	26.40 1.25 -10.95	27.61 1.44 -9.39	29.34 1.63 -7.37	30.34 1.77 -7.69	31.15 1.86 -8.40	30.61 1.71 -8.05	31.54 1.63 -9.07	32.27 1.48 -9.94	36.32 1.44 -15.40	37.85 1.31 -18.53	36.45 1.47 -14.33	46.92 1.39 -26.02	46.83 1.51 -24.41	39.30 1.78 -14.10	36.16 1.59 -13.63	29.79 2.15 -2.92	27.92 1.58 -5.81	25.57 1.74 -2.92	25.14 1.28 -7.69
RAMAPO___LBMP 323565	24.88 0.99 -5.18	23.26 0.82 -6.98	21.90 0.77 -6.80	21.19 0.79 -6.03	20.81 0.80 -5.52	22.65 0.74 -7.71	24.24 0.86 -6.60	26.67 1.14 -5.18	27.56 1.27 -5.41	27.73 1.30 -5.54	27.76 1.25 -5.66	28.52 1.29 -6.38	29.21 1.29 -7.07	31.49 1.19 -10.84	32.71 1.12 -13.59	32.90 1.32 -10.92	41.02 1.27 -20.24	40.89 1.36 -18.62	34.91 1.45 -10.04	31.88 1.24 -9.71	28.21 1.43 -2.05	25.83 1.21 -4.09	24.20 1.23 -2.05	22.42 0.84 -5.41
RANKINE____ 23646	19.21 -0.36 -0.86	16.33 -0.29 -1.16	15.19 -0.27 -1.13	15.15 -0.23 -1.00	15.17 -0.25 -0.92	15.26 -0.23 -1.28	17.24 -0.64 -1.10	18.24 -1.16 0.94	18.56 -1.19 1.12	18.68 -1.32 0.89	18.47 -1.21 1.17	18.93 -1.29 0.62	18.61 -1.27 0.97	18.64 -1.11 -0.28	19.19 -1.03 -2.21	21.39 -1.01 -1.75	20.58 -1.07 -2.14	22.48 -1.17 -2.74	21.95 -1.08 0.39	21.51 -1.03 -1.60	24.17 -0.89 -0.34	20.18 -1.03 -0.68	20.52 -0.73 -0.34	17.20 0.13 -0.90
RAVENSWOOD_GT2_1 24244	25.48 1.33 -5.45	23.88 1.08 -7.34	22.48 1.00 -7.15	21.72 1.01 -6.34	21.30 1.00 -5.80	23.25 0.95 -8.10	24.86 1.14 -6.94	27.34 1.55 -5.45	28.30 1.73 -5.69	29.11 1.75 -6.47	28.51 1.71 -5.95	29.31 1.75 -6.71	30.01 1.73 -7.43	32.46 1.60 -11.39	33.78 1.48 -14.30	33.85 1.69 -11.51	42.50 1.66 -21.33	42.28 1.76 -19.61	35.87 1.87 -10.58	32.79 1.63 -10.22	28.76 1.88 -2.16	26.45 1.62 -4.30	24.74 1.67 -2.16	22.99 1.13 -5.69
RAVENSWOOD_GT2_2 24245	25.48 1.33 -5.45	23.88 1.08 -7.34	22.48 1.00 -7.15	21.72 1.01 -6.34	21.30 1.00 -5.80	23.25 0.95 -8.10	24.86 1.14 -6.94	27.34 1.55 -5.45	28.30 1.73 -5.69	29.11 1.75 -6.47	28.51 1.71 -5.95	29.31 1.75 -6.71	30.01 1.73 -7.43	32.46 1.60 -11.39	33.78 1.48 -14.30	33.85 1.69 -11.51	42.50 1.66 -21.33	42.28 1.76 -19.61	35.87 1.87 -10.58	32.79 1.63 -10.22	28.76 1.88 -2.16	26.45 1.62 -4.30	24.74 1.67 -2.16	22.99 1.13 -5.69
RAVENSWOOD_GT2_3 24246	25.50 1.35 -5.45	23.88 1.08 -7.34	22.48 1.00 -7.15	21.72 1.01 -6.34	21.31 1.01 -5.80	23.25 0.95 -8.10	24.88 1.16 -6.94	27.36 1.57 -5.45	28.32 1.75 -5.69	29.14 1.78 -6.47	28.51 1.71 -5.95	29.31 1.75 -6.71	30.03 1.75 -7.43	32.46 1.60 -11.39	33.78 1.48 -14.30	33.87 1.71 -11.51	42.52 1.68 -21.33	42.30 1.78 -19.61	35.87 1.87 -10.58	32.81 1.65 -10.22	28.78 1.90 -2.16	26.45 1.62 -4.30	24.74 1.67 -2.16	23.01 1.15 -5.69
RAVENSWOOD_GT2_4 24247	25.50 1.35 -5.45	23.88 1.08 -7.34	22.48 1.00 -7.15	21.72 1.01 -6.34	21.31 1.01 -5.80	23.25 0.95 -8.10	24.88 1.16 -6.94	27.36 1.57 -5.45	28.32 1.75 -5.69	29.14 1.78 -6.47	28.51 1.71 -5.95	29.31 1.75 -6.71	30.03 1.75 -7.43	32.46 1.60 -11.39	33.78 1.48 -14.30	33.87 1.71 -11.51	42.52 1.68 -21.33	42.30 1.78 -19.61	35.87 1.87 -10.58	32.81 1.65 -10.22	28.78 1.90 -2.16	26.45 1.62 -4.30	24.74 1.67 -2.16	23.01 1.15 -5.69
RAVENSWOOD_GT3_1 24248	25.48 1.33 -5.45	23.88 1.08 -7.34	22.48 1.00 -7.15	21.72 1.01 -6.34	21.30 1.00 -5.80	23.25 0.95 -8.10	24.86 1.14 -6.94	27.34 1.55 -5.45	28.30 1.73 -5.69	29.11 1.75 -6.47	28.51 1.71 -5.95	29.31 1.75 -6.71	30.01 1.73 -7.43	32.46 1.60 -11.39	33.78 1.48 -14.30	33.85 1.69 -11.51	42.50 1.66 -21.33	42.28 1.76 -19.61	35.87 1.87 -10.58	32.79 1.63 -10.22	28.76 1.88 -2.16	26.45 1.62 -4.30	24.74 1.67 -2.16	23.01 1.15 -5.69
RAVENSWOOD_GT3_2 24249	25.48 1.33 -5.45	23.88 1.08 -7.34	22.48 1.00 -7.15	21.72 1.01 -6.34	21.30 1.00 -5.80	23.25 0.95 -8.10	24.86 1.14 -6.94	27.34 1.55 -5.45	28.30 1.73 -5.69	29.11 1.75 -6.47	28.51 1.71 -5.95	29.31 1.75 -6.71	30.01 1.73 -7.43	32.46 1.60 -11.39	33.78 1.48 -14.30	33.85 1.69 -11.51	42.50 1.66 -21.33	42.28 1.76 -19.61	35.87 1.87 -10.58	32.79 1.63 -10.22	28.76 1.88 -2.16	26.45 1.62 -4.30	24.74 1.67 -2.16	23.01 1.15 -5.69
RAVENSWOOD_GT3_3 24250	25.52 1.37 -5.45	23.90 1.10 -7.34	22.50 1.02 -7.15	21.73 1.02 -6.34	21.33 1.03 -5.80	23.27 0.97 -8.10	24.90 1.17 -6.94	27.38 1.59 -5.45	28.34 1.77 -5.69	29.16 1.80 -6.47	28.56 1.75 -5.95	29.35 1.79 -6.71	30.05 1.77 -7.43	32.50 1.64 -11.39	33.80 1.49 -14.30	33.90 1.73 -11.51	42.54 1.70 -21.33	42.32 1.80 -19.61	35.91 1.92 -10.58	32.83 1.67 -10.22	28.81 1.93 -2.16	26.47 1.64 -4.30	24.77 1.69 -2.16	23.02 1.16 -5.69
RAVENSWOOD_GT3_4 24251	25.52 1.37 -5.45	23.90 1.10 -7.34	22.50 1.02 -7.15	21.73 1.02 -6.34	21.33 1.03 -5.80	23.27 0.97 -8.10	24.90 1.17 -6.94	27.38 1.59 -5.45	28.34 1.77 -5.69	29.16 1.80 -6.47	28.56 1.75 -5.95	29.35 1.79 -6.71	30.05 1.77 -7.43	32.50 1.64 -11.39	33.80 1.49 -14.30	33.90 1.73 -11.51	42.54 1.70 -21.33	42.32 1.80 -19.61	35.91 1.92 -10.58	32.83 1.67 -10.22	28.81 1.93 -2.16	26.47 1.64 -4.30	24.77 1.69 -2.16	23.02 1.16 -5.69
RAVENSWOOD_GT_1 23729	25.60 1.44 -5.46	23.97 1.16 -7.34	22.56 1.08 -7.16	21.80 1.08 -6.34	21.37 1.07 -5.80	23.31 1.01 -8.10	24.91 1.19 -6.94	27.45 1.65 -5.46	28.41 1.84 -5.70	34.45 1.86 -11.70	29.77 1.79 -7.13	32.15 1.85 -9.45	32.37 1.84 -9.69	32.69 1.67 -11.54	34.05 1.55 -14.50	34.09 1.80 -11.64	42.88 1.76 -21.61	46.73 1.86 -23.95	35.96 1.97 -10.58	33.06 1.74 -10.39	29.53 2.00 -2.81	28.12 1.77 -5.83	26.53 1.78 -3.84	23.17 1.23 -5.77
RAVENSWOOD_GT_10 24258	25.48 1.33 -5.45	23.88 1.08 -7.33	22.48 1.00 -7.15	21.72 1.01 -6.34	21.30 1.00 -5.80	23.25 0.95 -8.10	24.86 1.14 -6.94	27.34 1.55 -5.45	28.29 1.73 -5.69	28.69 1.75 -6.04	28.45 1.71 -5.90	29.17 1.75 -6.57	29.90 1.73 -7.32	32.46 1.60 -11.39	33.76 1.46 -14.30	33.85 1.69 -11.51	42.50 1.66 -21.33	42.28 1.76 -19.61	35.87 1.87 -10.58	32.79 1.63 -10.22	28.76 1.88 -2.16	26.45 1.62 -4.30	24.74 1.67 -2.16	22.99 1.13 -5.69
RAVENSWOOD_GT_11 24259	25.50 1.35 -5.45	23.88 1.08 -7.33	22.48 1.00 -7.15	21.71 1.01 -6.34	21.30 1.00 -5.80	23.25 0.95 -8.10	24.86 1.14 -6.94	27.34 1.55 -5.45	28.29 1.73 -5.69	28.69 1.76 -6.04	28.43 1.69 -5.90	29.17 1.75 -6.57	29.99 1.73 -7.42	32.58 1.58 -11.53	33.94 1.46 -14.47	33.99 1.69 -11.64	42.75 1.66 -21.58	42.51 1.76 -19.84	35.87 1.87 -10.58	32.79 1.63 -10.22	28.78 1.88 -2.19	26.52 1.64 -4.35	24.77 1.67 -2.18	23.06 1.13 -5.76

RAVENSWOOD_GT_4 24252	25.47 1.33 -5.44	23.86 1.07 -7.33	22.46 0.99 -7.14	21.70 0.99 -6.33	21.28 0.99 -5.80	23.24 0.94 -8.10	24.86 1.14 -6.94	27.33 1.55 -5.44	28.27 1.71 -5.69	26.61 1.75 -3.96	28.50 1.69 -5.96	29.28 1.73 -6.70	30.02 1.73 -7.44	32.43 1.58 -11.39	33.77 1.46 -14.31	33.83 1.67 -11.51	42.49 1.64 -21.34	45.38 1.74 -22.73	35.84 1.85 -10.58	32.89 1.61 -10.34	29.21 1.85 -2.63	27.54 1.60 -5.41	25.97 1.65 -3.40	22.99 1.13 -5.68
RAVENSWOOD_GT_5 24254	25.47 1.33 -5.44	23.86 1.07 -7.33	22.46 0.99 -7.14	21.70 0.99 -6.33	21.28 0.99 -5.80	23.24 0.94 -8.10	24.86 1.14 -6.94	27.33 1.55 -5.44	28.27 1.71 -5.69	26.61 1.75 -3.96	28.50 1.69 -5.96	29.28 1.73 -6.70	30.02 1.73 -7.44	32.43 1.58 -11.39	33.77 1.46 -14.31	33.83 1.67 -11.51	42.49 1.64 -21.34	45.38 1.74 -22.73	35.84 1.85 -10.58	32.89 1.61 -10.34	29.21 1.85 -2.63	27.54 1.60 -5.41	25.97 1.65 -3.40	22.99 1.13 -5.68
RAVENSWOOD_GT_6 24253	25.47 1.33 -5.44	23.86 1.07 -7.33	22.46 0.99 -7.14	21.70 0.99 -6.33	21.28 0.99 -5.80	23.24 0.94 -8.10	24.86 1.14 -6.94	27.33 1.55 -5.44	28.27 1.71 -5.69	26.61 1.75 -3.96	28.50 1.69 -5.96	29.28 1.73 -6.70	30.02 1.73 -7.44	32.43 1.58 -11.39	33.77 1.46 -14.31	33.83 1.67 -11.51	42.49 1.64 -21.34	45.38 1.74 -22.73	35.84 1.85 -10.58	32.89 1.61 -10.34	29.21 1.85 -2.63	27.54 1.60 -5.41	25.97 1.65 -3.40	22.99 1.13 -5.68
RAVENSWOOD_GT_7 24255	25.47 1.33 -5.44	23.86 1.07 -7.33	22.46 0.99 -7.14	21.70 0.99 -6.33	21.28 0.99 -5.80	23.24 0.94 -8.10	24.86 1.14 -6.94	27.33 1.55 -5.44	28.27 1.71 -5.69	26.61 1.75 -3.96	28.50 1.69 -5.96	29.28 1.73 -6.70	30.02 1.73 -7.44	32.43 1.58 -11.39	33.77 1.46 -14.31	33.83 1.67 -11.51	42.49 1.64 -21.34	45.38 1.74 -22.73	35.84 1.85 -10.58	32.89 1.61 -10.34	29.21 1.85 -2.63	27.54 1.60 -5.41	25.97 1.65 -3.40	22.99 1.13 -5.68
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	25.48 1.33 -5.45	23.88 1.08 -7.33	22.48 1.00 -7.15	21.72 1.01 -6.34	21.30 1.00 -5.80	23.25 0.95 -8.10	24.86 1.14 -6.94	27.34 1.55 -5.45	28.29 1.73 -5.69	28.69 1.75 -6.04	28.45 1.71 -5.90	29.17 1.75 -6.57	29.90 1.73 -7.32	32.46 1.60 -11.39	33.76 1.46 -14.30	33.85 1.69 -11.51	42.50 1.66 -21.33	42.28 1.76 -19.61	35.87 1.87 -10.58	32.79 1.63 -10.22	28.76 1.88 -2.16	26.45 1.62 -4.30	24.74 1.67 -2.16	22.99 1.13 -5.69
RAVENSWOOD_GT_9 24257	25.48 1.33 -5.45	23.88 1.08 -7.33	22.48 1.00 -7.15	21.72 1.01 -6.34	21.30 1.00 -5.80	23.25 0.95 -8.10	24.86 1.14 -6.94	27.34 1.55 -5.45	28.29 1.73 -5.69	28.69 1.75 -6.04	28.45 1.71 -5.90	29.17 1.75 -6.57	29.90 1.73 -7.32	32.46 1.60 -11.39	33.76 1.46 -14.30	33.85 1.69 -11.51	42.50 1.66 -21.33	42.28 1.76 -19.61	35.87 1.87 -10.58	32.79 1.63 -10.22	28.76 1.88 -2.16	26.45 1.62 -4.30	24.74 1.67 -2.16	22.99 1.13 -5.69
RAVENSWOOD___1 23533	25.58 1.42 -5.46	23.95 1.14 -7.34	22.55 1.06 -7.15	21.78 1.06 -6.34	21.37 1.07 -5.80	23.31 1.01 -8.10	24.90 1.17 -6.94	27.43 1.63 -5.46	28.39 1.81 -5.70	33.44 1.84 -10.71	29.18 1.79 -6.54	30.76 1.84 -8.07	31.28 1.84 -8.60	32.67 1.65 -11.54	34.04 1.55 -14.48	34.07 1.78 -11.64	42.86 1.76 -21.59	42.63 1.86 -19.85	35.96 1.97 -10.58	32.90 1.74 -10.23	28.91 2.00 -2.19	26.63 1.74 -4.36	24.86 1.76 -2.19	23.15 1.21 -5.77
RAVENSWOOD___2 23534	25.58 1.42 -5.46	23.95 1.14 -7.34	22.55 1.06 -7.15	21.78 1.06 -6.34	21.35 1.06 -5.80	23.30 0.99 -8.10	24.90 1.17 -6.94	27.43 1.63 -5.46	28.37 1.80 -5.70	33.42 1.84 -10.69	29.15 1.77 -6.53	30.75 1.84 -8.07	31.25 1.81 -8.59	32.67 1.65 -11.54	34.02 1.53 -14.48	34.07 1.78 -11.64	42.86 1.76 -21.59	42.63 1.86 -19.85	35.94 1.94 -10.58	32.88 1.72 -10.23	28.88 1.98 -2.19	26.63 1.74 -4.36	24.86 1.76 -2.19	23.15 1.21 -5.77
RAVENSWOOD___3 23535	25.50 1.35 -5.45	23.88 1.08 -7.34	22.48 1.00 -7.15	21.72 1.01 -6.34	21.30 1.00 -5.80	23.25 0.95 -8.10	24.86 1.14 -6.94	27.34 1.55 -5.45	28.29 1.73 -5.69	29.12 1.76 -6.47	28.51 1.71 -5.95	29.31 1.75 -6.71	30.10 1.73 -7.52	32.58 1.58 -11.53	33.94 1.46 -14.47	33.99 1.69 -11.64	42.75 1.66 -21.58	42.51 1.76 -19.84	35.87 1.87 -10.58	32.79 1.63 -10.22	28.81 1.90 -2.19	26.54 1.66 -4.35	24.77 1.67 -2.18	23.08 1.15 -5.76
RAVENSWOOD___4 23820	25.56 1.40 -5.46	23.93 1.13 -7.34	22.53 1.05 -7.15	21.78 1.06 -6.34	21.35 1.06 -5.80	23.30 0.99 -8.10	24.90 1.17 -6.94	27.43 1.63 -5.46	28.36 1.80 -5.70	32.42 1.82 -9.71	28.57 1.77 -5.95	29.38 1.81 -6.71	30.18 1.81 -7.52	32.66 1.65 -11.54	34.00 1.53 -14.46	34.07 1.78 -11.64	42.82 1.74 -21.58	38.59 1.86 -15.81	35.94 1.94 -10.58	32.73 1.72 -10.07	28.27 1.98 -1.57	25.18 1.74 -2.91	23.25 1.76 -0.58	23.13 1.20 -5.77
RCPL_TRUST___DRP 24196	25.48 1.33 -5.45	23.87 1.07 -7.34	22.47 0.99 -7.15	21.70 0.99 -6.34	21.30 1.00 -5.80	23.25 0.95 -8.10	24.86 1.14 -6.94	27.36 1.57 -5.45	28.29 1.73 -5.69	29.14 1.78 -6.47	28.51 1.71 -5.95	29.31 1.75 -6.71	30.03 1.75 -7.43	32.46 1.60 -11.39	33.78 1.48 -14.30	33.85 1.69 -11.51	42.50 1.66 -21.33	42.28 1.76 -19.61	35.87 1.87 -10.58	32.77 1.61 -10.22	28.73 1.85 -2.16	26.41 1.58 -4.30	24.70 1.63 -2.16	22.99 1.13 -5.69
RED___ROCHESTER 323720	19.66 0.32 -0.64	16.54 0.22 -0.86	15.32 0.16 -0.83	15.31 0.20 -0.74	15.35 0.17 -0.68	15.32 0.17 -0.95	17.61 0.02 -0.81	20.57 -0.41 -0.64	21.06 -0.48 -0.66	21.32 -0.29 -0.72	21.15 -0.40 -0.70	21.30 -0.33 -0.78	21.40 -0.31 -0.86	20.55 -0.25 -1.33	19.43 -0.22 -1.63	21.86 -0.08 -1.29	21.68 -0.20 -2.36	22.94 -0.17 -2.20	24.62 -0.02 -1.22	22.07 -0.04 -1.18	25.10 0.12 -0.25	21.19 0.16 -0.50	21.14 -0.02 -0.25	17.27 0.44 -0.66
REGAN___SOLAR 323812	29.05 1.94 -8.40	28.43 1.66 -11.31	26.82 1.48 -11.02	25.61 1.47 -9.77	24.92 1.48 -8.94	28.22 1.53 -12.49	29.28 1.80 -10.70	30.76 2.01 -8.40	31.67 2.02 -8.77	32.44 1.99 -9.56	32.28 2.25 -9.18	33.42 2.23 -10.34	34.36 2.17 -11.34	38.65 1.64 -17.54	40.67 1.39 -21.28	38.89 1.65 -16.59	51.33 1.58 -30.24	51.01 1.84 -28.26	41.68 2.18 -16.09	38.43 1.95 -15.55	30.64 2.59 -3.32	29.22 2.07 -6.62	26.26 2.03 -3.32	26.45 1.52 -8.76
RENSSELAER___COGEN 23796	26.31 0.52 -7.08	25.43 0.43 -9.53	24.01 0.39 -9.29	23.00 0.39 -8.23	22.44 0.41 -7.54	25.13 0.40 -10.53	26.26 0.45 -9.02	27.95 0.53 -7.08	28.83 0.56 -7.40	29.56 0.58 -8.08	29.17 0.58 -7.74	30.15 0.58 -8.72	30.95 0.56 -9.54	34.78 0.53 -14.78	36.29 0.49 -17.80	34.99 0.56 -13.78	45.07 0.53 -25.03	44.95 0.56 -23.47	37.63 0.65 -13.56	34.63 0.59 -13.10	28.26 0.74 -2.80	26.70 0.60 -5.58	24.30 0.58 -2.80	23.96 0.40 -7.38
REPUBLIC_115KV_BARTNBRK 55605	28.59 2.52 -7.36	27.48 2.10 -9.91	25.88 1.89 -9.66	24.82 1.88 -8.56	24.25 1.91 -7.84	27.12 1.97 -10.95	28.48 2.32 -9.38	30.37 2.67 -7.36	31.42 2.86 -7.69	32.32 3.03 -8.39	31.83 2.94 -8.05	32.73 2.81 -9.06	33.26 2.48 -9.93	37.10 2.24 -15.39	38.54 2.02 -18.51	37.22 2.25 -14.32	47.63 2.13 -25.99	47.60 2.30 -24.39	40.25 2.74 -14.09	36.99 2.43 -13.63	31.07 3.44 -2.92	28.86 2.52 -5.81	26.51 2.68 -2.92	25.80 1.94 -7.69

REVERE_CPDR_DRP 24186	19.59 0.62 -0.27	16.30 0.48 -0.36	15.16 0.47 -0.35	15.07 0.39 -0.31	15.13 0.35 -0.28	15.03 0.43 -0.40	17.68 0.55 -0.34	21.28 0.67 -0.27	21.88 0.73 -0.28	21.84 0.65 -0.30	21.73 0.58 -0.29	21.72 0.54 -0.33	21.73 0.52 -0.36	20.42 0.39 -0.56	19.04 0.34 -0.69	21.57 0.37 -0.54	20.86 0.35 -0.99	22.38 0.54 -0.92	24.68 0.75 -0.51	22.10 0.67 -0.50	25.67 0.84 -0.11	21.27 0.53 -0.21	21.42 0.40 -0.11	16.87 0.42 -0.28
REYNOLDS_115KV_TB3 80639	26.47 0.67 -7.10	25.57 0.56 -9.55	24.14 0.50 -9.31	23.13 0.50 -8.25	22.57 0.52 -7.55	25.26 0.51 -10.55	26.41 0.59 -9.04	28.09 0.65 -7.10	29.01 0.73 -7.41	29.72 0.73 -8.10	29.35 0.75 -7.75	30.29 0.71 -8.73	31.13 0.71 -9.57	34.97 0.66 -14.84	36.42 0.61 -17.80	35.09 0.70 -13.74	45.06 0.64 -24.91	45.02 0.71 -23.40	37.82 0.82 -13.58	34.82 0.75 -13.13	28.45 0.91 -2.81	26.84 0.72 -5.59	24.46 0.73 -2.81	24.11 0.53 -7.41
RIVERBAY____ 323610	25.77 1.61 -5.46	24.12 1.31 -7.34	22.70 1.22 -7.15	21.94 1.22 -6.34	21.54 1.23 -5.81	23.44 1.14 -8.10	25.00 1.28 -6.94	27.51 1.71 -5.46	28.39 1.82 -5.70	29.21 1.84 -6.48	28.67 1.86 -5.96	29.44 1.88 -6.71	30.17 1.88 -7.44	32.55 1.67 -11.40	33.84 1.53 -14.31	33.96 1.80 -11.51	42.61 1.76 -21.34	42.42 1.88 -19.62	36.03 2.04 -10.58	32.88 1.72 -10.23	28.91 2.03 -2.16	26.58 1.74 -4.30	24.94 1.86 -2.17	23.21 1.34 -5.70
RIVERSIDE_115KV_TB3 55908	26.44 0.62 -7.12	25.55 0.51 -9.58	24.14 0.47 -9.33	23.11 0.46 -8.27	22.55 0.48 -7.57	25.26 0.48 -10.58	26.38 0.54 -9.06	28.09 0.63 -7.12	28.99 0.69 -7.43	29.70 0.69 -8.12	29.33 0.71 -7.78	30.30 0.69 -8.76	31.12 0.67 -9.60	34.97 0.62 -14.88	36.47 0.58 -17.88	35.14 0.66 -13.82	45.20 0.60 -25.08	45.13 0.67 -23.54	37.81 0.77 -13.62	34.79 0.69 -13.17	28.40 0.87 -2.82	26.80 0.66 -5.61	24.42 0.69 -2.82	24.07 0.47 -7.43
ROARING____BROOK_WT_PWR 323790	17.71 -0.99 0.00	14.68 -0.79 0.00	13.62 -0.72 0.00	13.73 -0.65 0.00	13.96 -0.54 0.00	13.75 -0.45 0.00	16.26 -0.52 0.00	19.73 -0.61 0.00	20.25 -0.63 0.00	20.24 -0.65 0.00	20.14 -0.71 0.00	20.04 -0.81 0.00	19.95 -0.90 0.00	18.56 -0.91 0.00	17.12 -0.88 0.00	19.64 -1.01 0.00	18.57 -0.94 0.00	19.99 -0.92 0.00	22.53 -0.89 0.00	20.22 -0.71 0.00	23.98 -0.74 0.00	19.95 -0.57 0.00	20.35 -0.56 0.00	15.77 -0.40 0.00
ROCHESRG_115KV_T4 355643	19.39 0.06 -0.63	16.34 0.03 -0.85	15.16 0.00 -0.83	15.15 0.04 -0.73	15.18 0.01 -0.67	15.15 0.01 -0.94	17.42 -0.17 -0.80	20.30 -0.67 -0.63	20.74 -0.79 -0.66	21.06 -0.54 -0.72	20.79 -0.75 -0.69	21.04 -0.58 -0.78	21.14 -0.56 -0.86	20.28 -0.51 -1.32	19.20 -0.43 -1.62	21.56 -0.37 -1.28	21.41 -0.45 -2.35	22.65 -0.44 -2.18	24.28 -0.35 -1.21	21.79 -0.31 -1.17	24.80 -0.17 -0.25	20.60 -0.43 -0.50	20.93 -0.23 -0.25	17.09 0.26 -0.66
ROCHESTER_9_IC 23652	19.53 0.19 -0.64	16.46 0.14 -0.86	15.25 0.09 -0.83	15.24 0.13 -0.74	15.28 0.10 -0.68	15.25 0.10 -0.95	17.52 -0.07 -0.81	20.45 -0.53 -0.64	20.87 -0.67 -0.66	21.22 -0.40 -0.72	20.96 -0.58 -0.70	21.17 -0.46 -0.78	21.27 -0.44 -0.86	20.43 -0.37 -1.33	19.32 -0.32 -1.63	21.71 -0.23 -1.29	21.56 -0.31 -2.36	22.81 -0.29 -2.19	24.48 -0.16 -1.22	21.95 -0.17 -1.18	24.97 0.00 -0.25	20.74 -0.29 -0.50	21.04 -0.13 -0.25	17.19 0.36 -0.66
ROCKVIEW_13_KV_LD 356306	25.44 1.29 -5.45	23.87 1.07 -7.34	22.47 0.99 -7.15	21.70 0.99 -6.34	21.30 1.00 -5.80	23.25 0.95 -8.10	24.86 1.14 -6.94	27.30 1.51 -5.45	28.25 1.69 -5.69	29.07 1.71 -6.47	28.47 1.67 -5.95	29.27 1.71 -6.71	30.01 1.73 -7.43	32.44 1.58 -11.39	33.80 1.49 -14.30	33.88 1.71 -11.51	42.52 1.68 -21.34	42.28 1.76 -19.61	35.89 1.90 -10.58	32.81 1.65 -10.22	28.76 1.88 -2.16	26.43 1.60 -4.30	24.70 1.63 -2.16	22.99 1.13 -5.69
ROME____115KV_TB2 80656	19.59 0.62 -0.27	16.30 0.48 -0.36	15.16 0.47 -0.35	15.07 0.39 -0.31	15.13 0.35 -0.28	15.03 0.43 -0.40	17.68 0.55 -0.34	21.28 0.67 -0.27	21.88 0.73 -0.28	21.84 0.65 -0.30	21.73 0.58 -0.29	21.72 0.54 -0.33	21.73 0.52 -0.36	20.42 0.39 -0.56	19.04 0.34 -0.69	21.57 0.37 -0.54	20.86 0.35 -0.99	22.38 0.54 -0.92	24.68 0.75 -0.51	22.10 0.67 -0.50	25.67 0.84 -0.11	21.27 0.53 -0.21	21.42 0.40 -0.11	16.87 0.42 -0.28
ROSETON____1 23587	25.18 0.97 -5.51	23.68 0.80 -7.42	22.32 0.76 -7.22	21.54 0.76 -6.40	21.13 0.77 -5.86	23.11 0.72 -8.19	24.64 0.84 -7.02	26.93 1.08 -5.51	27.81 1.19 -5.75	28.37 1.21 -6.27	28.06 1.19 -6.02	28.84 1.21 -6.78	29.62 1.25 -7.52	32.15 1.15 -11.53	33.52 1.06 -14.45	33.52 1.26 -11.61	42.22 1.21 -21.50	41.97 1.28 -19.78	35.40 1.41 -10.57	32.37 1.21 -10.22	28.31 1.41 -2.18	26.09 1.21 -4.35	24.31 1.21 -2.18	22.77 0.84 -5.76
ROSETON____2 23588	25.18 0.97 -5.51	23.68 0.80 -7.42	22.32 0.76 -7.22	21.54 0.76 -6.40	21.13 0.77 -5.86	23.11 0.72 -8.19	24.64 0.84 -7.02	26.93 1.08 -5.51	27.81 1.19 -5.75	28.37 1.21 -6.27	28.06 1.19 -6.02	28.84 1.21 -6.78	29.62 1.25 -7.52	32.15 1.15 -11.53	33.52 1.06 -14.45	33.52 1.26 -11.61	42.22 1.21 -21.50	41.97 1.28 -19.78	35.40 1.41 -10.57	32.37 1.21 -10.22	28.31 1.41 -2.18	26.09 1.21 -4.35	24.31 1.21 -2.18	22.77 0.84 -5.76
ROTTDAM_115KV_TB3 80664	27.03 0.86 -7.46	26.22 0.71 -10.05	24.76 0.64 -9.79	23.70 0.65 -8.68	23.09 0.65 -7.94	25.95 0.65 -11.10	27.04 0.76 -9.51	28.66 0.85 -7.46	29.60 0.94 -7.79	30.36 0.96 -8.51	29.96 0.96 -8.15	30.97 0.94 -9.19	31.85 0.92 -10.08	35.91 0.84 -15.60	37.63 0.77 -18.85	36.20 0.91 -14.64	46.98 0.84 -26.63	46.76 0.92 -24.93	38.76 1.05 -14.29	35.69 0.94 -13.81	28.86 1.19 -2.96	27.34 0.92 -5.88	24.83 0.96 -2.96	24.66 0.70 -7.79
RUSSELL____1 23602	19.64 0.30 -0.64	16.54 0.22 -0.86	15.32 0.16 -0.83	15.30 0.19 -0.74	15.35 0.17 -0.68	15.32 0.17 -0.95	17.61 0.02 -0.81	20.55 -0.43 -0.64	20.99 -0.54 -0.66	21.34 -0.27 -0.72	21.09 -0.46 -0.70	21.30 -0.33 -0.78	21.40 -0.31 -0.86	20.53 -0.27 -1.33	19.42 -0.22 -1.63	21.84 -0.10 -1.29	21.68 -0.20 -2.36	22.94 -0.17 -2.19	24.62 -0.02 -1.22	22.09 -0.02 -1.18	25.12 0.15 -0.25	20.85 -0.18 -0.50	21.14 -0.02 -0.25	17.27 0.44 -0.66
RUSSELL____2 23532	19.64 0.30 -0.64	16.54 0.22 -0.86	15.32 0.16 -0.83	15.30 0.19 -0.74	15.35 0.17 -0.68	15.32 0.17 -0.95	17.61 0.02 -0.81	20.55 -0.43 -0.64	20.99 -0.54 -0.66	21.34 -0.27 -0.72	21.09 -0.46 -0.70	21.30 -0.33 -0.78	21.40 -0.31 -0.86	20.53 -0.27 -1.33	19.42 -0.22 -1.63	21.84 -0.10 -1.29	21.68 -0.20 -2.36	22.94 -0.17 -2.19	24.62 -0.02 -1.22	22.09 -0.02 -1.18	25.12 0.15 -0.25	20.85 -0.18 -0.50	21.14 -0.02 -0.25	17.27 0.44 -0.66
RUSSELL____3 23549	19.64 0.30 -0.64	16.54 0.22 -0.86	15.32 0.16 -0.83	15.30 0.19 -0.74	15.35 0.17 -0.68	15.32 0.17 -0.95	17.61 0.02 -0.81	20.55 -0.43 -0.64	20.99 -0.54 -0.66	21.34 -0.27 -0.72	21.09 -0.46 -0.70	21.30 -0.33 -0.78	21.40 -0.31 -0.86	20.53 -0.27 -1.33	19.42 -0.22 -1.63	21.84 -0.10 -1.29	21.68 -0.20 -2.36	22.94 -0.17 -2.19	24.62 -0.02 -1.22	22.09 -0.02 -1.18	25.12 0.15 -0.25	20.85 -0.18 -0.50	21.14 -0.02 -0.25	17.27 0.44 -0.66

RUSSELL___4 23556	19.64 0.30 -0.64	16.54 0.22 -0.86	15.32 0.16 -0.83	15.30 0.19 -0.74	15.35 0.17 -0.68	15.32 0.17 -0.95	17.61 0.02 -0.81	20.55 -0.43 -0.64	20.99 -0.54 -0.66	21.34 -0.27 -0.72	21.09 -0.46 -0.70	21.30 -0.33 -0.78	21.40 -0.31 -0.86	20.53 -0.27 -1.33	19.42 -0.22 -1.63	21.84 -0.10 -1.29	21.68 -0.20 -2.36	22.94 -0.17 -2.19	24.62 -0.02 -1.22	22.09 -0.02 -1.18	25.12 0.15 -0.25	20.85 -0.18 -0.50	21.14 -0.02 -0.25	17.27 0.44 -0.66
RUSSELL___STATION 23914	19.64 0.30 -0.64	16.54 0.22 -0.86	15.32 0.16 -0.83	15.30 0.19 -0.74	15.35 0.17 -0.68	15.32 0.17 -0.95	17.61 0.02 -0.81	20.55 -0.43 -0.64	20.99 -0.54 -0.66	21.34 -0.27 -0.72	21.09 -0.46 -0.70	21.30 -0.33 -0.78	21.40 -0.31 -0.86	20.53 -0.27 -1.33	19.42 -0.22 -1.63	21.84 -0.10 -1.29	21.68 -0.20 -2.36	22.94 -0.17 -2.19	24.62 -0.02 -1.22	22.09 -0.02 -1.18	25.12 0.15 -0.25	20.85 -0.18 -0.50	21.14 -0.02 -0.25	17.27 0.44 -0.66
S SALMON___HYD 24043	19.11 0.02 -0.38	15.98 0.00 -0.52	14.84 0.00 -0.50	14.81 -0.01 -0.45	14.86 -0.04 -0.41	14.77 0.00 -0.57	17.29 0.02 -0.49	20.63 -0.10 -0.38	21.15 -0.12 -0.40	21.20 -0.12 -0.44	21.06 -0.21 -0.42	21.09 -0.23 -0.47	21.14 -0.23 -0.52	20.02 -0.25 -0.81	18.76 -0.23 -0.99	21.16 -0.27 -0.78	20.67 -0.27 -1.43	22.05 -0.19 -1.33	24.06 -0.09 -0.74	21.59 -0.06 -0.71	24.85 -0.02 -0.15	20.83 0.00 -0.30	20.92 -0.15 -0.15	16.60 0.03 -0.40
S.PERRY___115KV_TB1 80734	20.19 0.60 -0.89	17.13 0.46 -1.20	15.89 0.39 -1.17	15.84 0.43 -1.04	15.86 0.42 -0.95	15.95 0.43 -1.32	18.23 0.32 -1.13	27.24 -0.16 -7.06	28.33 -0.38 -7.83	27.90 -0.38 -7.38	28.56 -0.48 -8.19	27.22 -0.46 -6.83	28.80 -0.54 -8.49	26.03 -0.49 -7.05	19.88 -0.41 -2.29	22.12 -0.33 -1.80	26.06 -0.37 -6.92	24.54 -0.25 -3.88	32.21 0.12 -8.68	22.82 0.23 -1.65	25.62 0.54 -0.35	21.37 0.14 -0.70	21.54 0.27 -0.35	17.81 0.71 -0.93
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	19.15 -0.37 -0.83	16.28 -0.29 -1.11	15.13 -0.29 -1.08	15.10 -0.23 -0.96	15.13 -0.25 -0.88	15.17 -0.26 -1.23	17.16 -0.67 -1.05	18.11 -1.32 0.91	18.37 -1.42 1.08	18.66 -1.38 0.86	18.30 -1.42 1.13	18.88 -1.38 0.60	18.58 -1.33 0.93	18.57 -1.17 -0.27	19.03 -1.10 -2.12	21.23 -1.09 -1.67	20.41 -1.15 -2.05	22.28 -1.25 -2.62	21.89 -1.15 0.38	21.36 -1.11 -1.53	24.08 -0.96 -0.33	20.07 -1.11 -0.65	20.49 -0.75 -0.33	17.14 0.11 -0.86
SAWYER___23_KV_LOAD 55526	19.15 -0.37 -0.83	16.28 -0.29 -1.11	15.13 -0.29 -1.08	15.10 -0.23 -0.96	15.13 -0.25 -0.88	15.17 -0.26 -1.23	17.16 -0.67 -1.05	18.11 -1.32 0.91	18.37 -1.42 1.08	18.66 -1.38 0.86	18.30 -1.42 1.13	18.88 -1.38 0.60	18.58 -1.33 0.93	18.57 -1.17 -0.27	19.03 -1.10 -2.12	21.23 -1.09 -1.67	20.41 -1.15 -2.05	22.28 -1.25 -2.62	21.89 -1.15 0.38	21.36 -1.11 -1.53	24.08 -0.96 -0.33	20.07 -1.11 -0.65	20.49 -0.75 -0.33	17.14 0.11 -0.86
SELKIRK___I 23801	26.38 0.73 -6.95	25.44 0.62 -9.36	24.01 0.56 -9.12	23.02 0.56 -8.08	22.46 0.56 -7.40	25.10 0.57 -10.33	26.27 0.64 -8.85	28.03 0.73 -6.95	28.90 0.77 -7.26	29.59 0.77 -7.93	29.22 0.77 -7.60	30.15 0.75 -8.56	30.96 0.73 -9.38	34.66 0.68 -14.51	36.22 0.63 -17.58	35.07 0.72 -13.70	45.13 0.66 -24.96	44.97 0.73 -23.33	37.59 0.87 -13.31	34.57 0.78 -12.86	28.46 0.99 -2.75	26.78 0.78 -5.47	24.44 0.77 -2.75	23.98 0.57 -7.25
SELKIRK___II 23799	26.35 0.60 -7.05	25.44 0.49 -9.49	24.02 0.44 -9.24	23.01 0.45 -8.19	22.46 0.46 -7.50	25.13 0.45 -10.48	26.28 0.52 -8.98	28.00 0.61 -7.05	28.88 0.65 -7.36	29.58 0.65 -8.04	29.22 0.67 -7.70	30.17 0.65 -8.67	31.00 0.65 -9.51	34.78 0.60 -14.71	36.36 0.56 -17.79	35.15 0.66 -13.83	45.30 0.61 -25.18	45.12 0.65 -23.56	37.68 0.77 -13.49	34.64 0.67 -13.04	28.35 0.84 -2.79	26.75 0.68 -5.55	24.37 0.67 -2.79	23.98 0.47 -7.35
SENECA OSWGO___HYD 24041	19.06 -0.07 -0.43	16.00 -0.05 -0.58	14.83 -0.07 -0.57	14.82 -0.06 -0.50	14.88 -0.07 -0.46	14.79 -0.06 -0.64	17.26 -0.07 -0.55	20.57 -0.20 -0.43	21.11 -0.21 -0.45	21.19 -0.19 -0.49	21.13 -0.19 -0.47	21.17 -0.21 -0.53	21.23 -0.21 -0.59	20.16 -0.21 -0.90	18.92 -0.20 -1.11	21.36 -0.17 -0.88	20.92 -0.20 -1.61	22.24 -0.17 -1.49	24.13 -0.12 -0.83	21.59 -0.15 -0.80	24.79 -0.10 -0.17	20.77 -0.10 -0.34	20.90 -0.19 -0.17	16.64 0.02 -0.45
SENECA___115KV_TB3 355854	19.25 -0.32 -0.86	16.35 -0.28 -1.16	15.20 -0.26 -1.13	15.16 -0.22 -1.00	15.18 -0.23 -0.92	15.27 -0.21 -1.28	17.26 -0.62 -1.10	18.26 -1.14 0.94	18.59 -1.17 1.12	18.72 -1.27 0.89	18.49 -1.19 1.17	18.98 -1.25 0.62	18.65 -1.23 0.97	18.68 -1.07 -0.28	19.23 -0.99 -2.21	21.41 -0.99 -1.75	20.62 -1.03 -2.14	22.50 -1.15 -2.74	22.00 -1.03 0.39	21.53 -1.00 -1.60	24.22 -0.84 -0.34	20.20 -1.01 -0.68	20.56 -0.69 -0.34	17.23 0.16 -0.90
SENECA___ENERGY 23797	19.58 0.21 -0.67	16.52 0.15 -0.91	15.33 0.11 -0.88	15.30 0.14 -0.78	15.33 0.12 -0.72	15.33 0.13 -1.00	17.81 0.17 -0.86	21.45 0.00 -1.11	22.04 -0.02 -1.19	22.08 -0.02 -1.21	22.05 -0.04 -1.24	22.02 -0.06 -1.23	22.19 -0.08 -1.43	21.15 -0.10 -1.77	19.64 -0.09 -1.73	22.02 0.00 -1.36	22.21 -0.06 -2.75	23.29 0.00 -2.38	25.34 0.14 -1.78	22.25 0.06 -1.25	25.16 0.17 -0.27	21.20 0.14 -0.53	21.16 -0.02 -0.27	17.10 0.23 -0.70
SHOEMAKER___GT 23640	24.42 0.86 -4.86	22.70 0.70 -6.54	21.36 0.66 -6.37	20.70 0.68 -5.65	20.33 0.67 -5.17	22.06 0.64 -7.22	23.71 0.74 -6.19	26.12 0.92 -4.86	26.97 1.02 -5.07	27.20 1.00 -5.30	27.12 0.96 -5.31	27.83 1.00 -5.98	28.54 1.02 -6.67	30.65 0.95 -10.23	31.71 0.90 -12.81	32.01 1.07 -10.28	39.57 1.01 -19.04	39.55 1.11 -17.53	34.04 1.24 -9.38	31.05 1.05 -9.07	27.89 1.24 -1.94	25.45 1.07 -3.86	23.90 1.05 -1.94	22.02 0.74 -5.11
SHOEMAKR_138KV_BK 111 55601	24.36 0.84 -4.81	22.64 0.70 -6.48	21.30 0.66 -6.31	20.63 0.66 -5.60	20.27 0.65 -5.12	21.98 0.62 -7.16	23.63 0.72 -6.13	26.07 0.92 -4.81	26.92 1.02 -5.03	27.18 1.02 -5.26	27.09 0.98 -5.26	27.80 1.02 -5.92	28.45 1.04 -6.56	30.51 0.97 -10.06	31.51 0.90 -12.60	31.85 1.07 -10.12	39.26 1.01 -18.74	39.27 1.11 -17.24	33.93 1.22 -9.29	30.97 1.05 -8.99	27.86 1.24 -1.91	25.35 1.03 -3.80	23.87 1.05 -1.91	21.92 0.73 -5.03
SHOREHAM_IC_1 23715	36.23 2.24 -15.29	32.92 1.87 -15.58	29.91 1.76 -13.82	25.88 1.75 -9.76	26.89 1.75 -10.64	29.95 1.69 -14.06	31.39 2.06 -12.54	33.07 2.58 -10.14	34.13 2.78 -10.48	39.80 2.80 -16.11	38.57 2.50 -15.22	46.03 2.58 -22.60	42.83 2.44 -19.55	46.80 2.24 -25.09	45.77 2.02 -25.75	48.59 2.35 -25.58	69.09 2.26 -47.31	73.29 2.42 -49.95	43.64 2.69 -17.53	43.09 2.41 -19.74	49.57 2.84 -22.01	36.99 2.44 -14.02	31.53 2.57 -8.05	33.73 1.96 -15.61
SHOREHAM_IC_2 23716	36.23 2.24 -15.29	32.92 1.87 -15.58	29.91 1.76 -13.82	25.88 1.75 -9.76	26.89 1.75 -10.64	29.95 1.69 -14.06	31.39 2.06 -12.54	33.07 2.58 -10.14	34.13 2.78 -10.48	39.80 2.80 -16.11	38.57 2.50 -15.22	46.03 2.58 -22.60	42.83 2.44 -19.55	46.80 2.24 -25.09	45.77 2.02 -25.75	48.59 2.35 -25.58	69.09 2.26 -47.31	73.29 2.42 -49.95	43.64 2.69 -17.53	43.09 2.41 -19.74	49.57 2.84 -22.01	36.99 2.44 -14.02	31.53 2.57 -8.05	33.73 1.96 -15.61

SISSONVILLE____ 23735	17.64 -1.07 0.00	14.55 -0.91 0.00	13.52 -0.82 0.00	13.50 -0.88 0.00	13.64 -0.86 0.00	13.36 -0.84 0.00	15.87 -0.91 0.00	19.43 -0.92 0.00	19.85 -1.02 0.00	19.85 -1.04 0.00	19.81 -1.04 0.00	19.83 -1.02 0.00	19.81 -1.04 0.00	18.50 -0.97 0.00	17.12 -0.88 0.00	19.35 -1.30 0.00	18.48 -1.03 0.00	19.72 -1.19 0.00	22.04 -1.38 0.00	19.78 -1.15 0.00	23.24 -1.48 0.00	19.40 -1.13 0.00	19.62 -1.30 0.00	15.04 -1.13 0.00
SITHE_IND_GS1 24169	18.68 -0.36 -0.33	15.63 -0.28 -0.44	14.49 -0.27 -0.43	14.50 -0.26 -0.38	14.57 -0.28 -0.35	14.43 -0.26 -0.49	16.86 -0.34 -0.42	20.16 -0.51 -0.33	20.69 -0.52 -0.34	20.79 -0.48 -0.37	20.71 -0.50 -0.36	20.75 -0.50 -0.40	20.79 -0.50 -0.45	19.67 -0.49 -0.69	18.42 -0.43 -0.84	20.86 -0.45 -0.67	20.26 -0.47 -1.22	21.57 -0.48 -1.13	23.58 -0.47 -0.63	21.08 -0.46 -0.61	24.36 -0.49 -0.13	20.38 -0.41 -0.26	20.58 -0.46 -0.13	16.29 -0.23 -0.34
SITHE_IND_GS2 24170	18.68 -0.36 -0.33	15.63 -0.28 -0.44	14.49 -0.27 -0.43	14.50 -0.26 -0.38	14.57 -0.28 -0.35	14.43 -0.26 -0.49	16.86 -0.34 -0.42	20.16 -0.51 -0.33	20.69 -0.52 -0.34	20.79 -0.48 -0.37	20.71 -0.50 -0.36	20.75 -0.50 -0.40	20.79 -0.50 -0.45	19.67 -0.49 -0.69	18.42 -0.43 -0.84	20.86 -0.45 -0.67	20.26 -0.47 -1.22	21.57 -0.48 -1.13	23.58 -0.47 -0.63	21.08 -0.46 -0.61	24.36 -0.49 -0.13	20.38 -0.41 -0.26	20.58 -0.46 -0.13	16.29 -0.23 -0.34
SITHE_IND_GS3 24171	18.68 -0.36 -0.33	15.63 -0.28 -0.44	14.49 -0.27 -0.43	14.50 -0.26 -0.38	14.57 -0.28 -0.35	14.43 -0.26 -0.49	16.86 -0.34 -0.42	20.16 -0.51 -0.33	20.69 -0.52 -0.34	20.79 -0.48 -0.37	20.71 -0.50 -0.36	20.75 -0.50 -0.40	20.79 -0.50 -0.45	19.67 -0.49 -0.69	18.42 -0.43 -0.84	20.86 -0.45 -0.67	20.26 -0.47 -1.22	21.57 -0.48 -1.13	23.58 -0.47 -0.63	21.08 -0.46 -0.61	24.36 -0.49 -0.13	20.38 -0.41 -0.26	20.58 -0.46 -0.13	16.29 -0.23 -0.34
SITHE_IND_GS4 24172	18.68 -0.36 -0.33	15.63 -0.28 -0.44	14.49 -0.27 -0.43	14.50 -0.26 -0.38	14.57 -0.28 -0.35	14.43 -0.26 -0.49	16.86 -0.34 -0.42	20.16 -0.51 -0.33	20.69 -0.52 -0.34	20.79 -0.48 -0.37	20.71 -0.50 -0.36	20.75 -0.50 -0.40	20.79 -0.50 -0.45	19.67 -0.49 -0.69	18.42 -0.43 -0.84	20.86 -0.45 -0.67	20.26 -0.47 -1.22	21.57 -0.48 -1.13	23.58 -0.47 -0.63	21.08 -0.46 -0.61	24.36 -0.49 -0.13	20.38 -0.41 -0.26	20.58 -0.46 -0.13	16.29 -0.23 -0.34
SITHE____BATAVIA 24024	19.60 0.17 -0.73	16.54 0.09 -0.99	15.35 0.06 -0.96	15.34 0.11 -0.85	15.36 0.09 -0.78	15.38 0.09 -1.09	17.53 -0.18 -0.93	19.52 -0.63 0.20	19.85 -0.75 0.27	20.12 -0.63 0.14	19.90 -0.67 0.28	20.25 -0.62 -0.03	20.15 -0.58 0.12	19.67 -0.67 -0.74	19.28 -0.61 -1.88	21.62 -0.52 -1.48	21.04 -0.64 -2.17	22.65 -0.67 -2.41	23.48 -0.28 -0.34	21.83 -0.46 -1.36	24.81 -0.20 -0.29	21.07 -0.04 -0.58	20.93 -0.27 -0.29	17.39 0.45 -0.77
SITHE____INDEPEND 23800	18.69 -0.34 -0.33	15.63 -0.28 -0.44	14.49 -0.27 -0.43	14.50 -0.26 -0.38	14.57 -0.28 -0.35	14.43 -0.26 -0.49	16.86 -0.34 -0.42	20.16 -0.51 -0.33	20.69 -0.52 -0.34	20.78 -0.48 -0.37	20.69 -0.52 -0.36	20.75 -0.50 -0.40	20.79 -0.50 -0.45	19.67 -0.49 -0.69	18.42 -0.43 -0.84	20.84 -0.48 -0.67	20.26 -0.47 -1.22	21.57 -0.48 -1.13	23.58 -0.47 -0.63	21.11 -0.44 -0.61	24.36 -0.49 -0.13	20.29 -0.49 -0.26	20.58 -0.46 -0.13	16.29 -0.23 -0.34
SITHE____MASSENA 23902	18.24 -0.47 0.00	15.06 -0.40 0.00	13.97 -0.36 0.00	13.97 -0.40 0.00	14.13 -0.36 0.00	13.82 -0.38 0.00	16.36 -0.42 0.00	20.00 -0.35 0.00	20.43 -0.44 0.00	20.45 -0.44 0.00	20.45 -0.40 0.00	20.47 -0.37 0.00	20.45 -0.40 0.00	19.14 -0.33 0.00	17.72 -0.29 0.00	20.10 -0.56 0.00	19.14 -0.37 0.00	20.41 -0.50 0.00	22.76 -0.66 0.00	20.43 -0.50 0.00	24.00 -0.72 0.00	19.89 -0.64 0.00	20.33 -0.59 0.00	15.60 -0.57 0.00
SITHE____OGDNSBRG 24021	18.22 -0.49 0.00	15.05 -0.42 0.00	13.96 -0.37 0.00	13.94 -0.43 0.00	14.08 -0.42 0.00	13.78 -0.43 0.00	16.36 -0.42 0.00	20.00 -0.35 0.00	20.41 -0.46 0.00	20.39 -0.50 0.00	20.39 -0.46 0.00	20.39 -0.46 0.00	20.39 -0.46 0.00	19.04 -0.43 0.00	17.63 -0.38 0.00	19.95 -0.70 0.00	19.04 -0.47 0.00	20.33 -0.59 0.00	22.72 -0.70 0.00	20.39 -0.54 0.00	23.98 -0.74 0.00	19.97 -0.55 0.00	20.20 -0.71 0.00	15.51 -0.66 0.00
SITHE____STERLING 23777	19.54 0.52 -0.31	16.30 0.42 -0.42	15.13 0.39 -0.41	15.08 0.34 -0.36	15.15 0.32 -0.33	15.03 0.37 -0.46	17.63 0.45 -0.40	21.18 0.53 -0.31	21.78 0.58 -0.32	21.77 0.52 -0.35	21.69 0.50 -0.34	21.71 0.48 -0.38	21.73 0.46 -0.42	20.47 0.35 -0.65	19.11 0.31 -0.80	21.63 0.35 -0.63	21.00 0.33 -1.16	22.45 0.46 -1.07	24.65 0.63 -0.60	22.06 0.54 -0.58	25.56 0.72 -0.12	21.29 0.51 -0.25	21.39 0.36 -0.12	16.88 0.39 -0.33
SLEIGHT__34_KV_TB1 80719	19.99 0.65 -0.63	16.85 0.54 -0.85	15.62 0.46 -0.83	15.58 0.47 -0.73	15.62 0.45 -0.67	15.62 0.48 -0.94	18.22 0.64 -0.80	21.54 0.57 -0.63	22.09 0.56 -0.66	22.23 0.63 -0.71	22.18 0.65 -0.69	22.27 0.65 -0.78	22.31 0.60 -0.86	21.28 0.49 -1.32	20.08 0.45 -1.62	22.55 0.62 -1.28	22.38 0.53 -2.34	23.71 0.63 -2.17	25.45 0.82 -1.21	22.75 0.65 -1.17	25.81 0.84 -0.25	21.50 0.47 -0.50	21.62 0.46 -0.25	17.44 0.61 -0.66
SOUTH CAIRO____GT 23612	26.37 1.03 -6.64	25.22 0.82 -8.94	23.78 0.74 -8.71	22.83 0.73 -7.72	22.32 0.75 -7.07	24.84 0.77 -9.87	26.13 0.89 -8.46	27.98 1.00 -6.64	28.85 1.04 -6.93	29.48 1.02 -7.56	29.02 0.92 -7.25	29.90 0.88 -8.17	30.78 0.96 -8.97	34.27 0.93 -13.86	35.71 0.85 -16.85	34.82 0.99 -13.17	44.53 0.98 -24.04	44.48 1.13 -22.44	37.51 1.38 -12.71	34.48 1.26 -12.29	28.93 1.58 -2.63	26.97 1.21 -5.23	24.69 1.15 -2.63	23.92 0.82 -6.92
SOUTH HAMPTN____IC 23720	36.66 2.67 -15.28	33.24 2.19 -15.58	30.21 2.06 -13.82	26.17 2.04 -9.76	27.18 2.04 -10.64	30.25 1.99 -14.06	31.72 2.40 -12.54	33.49 3.01 -10.14	34.61 3.25 -10.48	40.30 3.30 -16.11	39.09 3.04 -15.20	46.30 3.13 -22.33	43.22 3.02 -19.35	46.95 2.80 -24.67	46.33 2.57 -25.75	49.21 2.97 -25.58	68.77 2.85 -46.41	72.74 3.05 -48.78	44.25 3.39 -17.44	43.57 3.02 -19.62	49.92 3.56 -21.64	37.50 3.00 -13.97	32.04 3.08 -8.05	33.98 2.34 -15.47
SOUTHDOW_115KV_TB1 355954	19.51 -0.11 -0.92	16.61 -0.09 -1.24	15.48 -0.06 -1.20	15.41 -0.03 -1.07	15.42 -0.06 -0.98	15.58 0.01 -1.36	17.60 -0.35 -1.17	19.38 -0.69 0.28	19.81 -0.69 0.38	19.69 -1.00 0.20	19.62 -0.83 0.39	19.78 -1.08 -0.02	19.55 -1.13 0.17	19.39 -0.99 -0.91	19.41 -0.95 -2.36	21.56 -0.95 -1.86	21.22 -1.00 -2.71	22.79 -1.13 -3.01	22.87 -0.96 -0.41	21.78 -0.86 -1.70	24.47 -0.62 -0.36	20.55 -0.70 -0.72	20.84 -0.44 -0.36	17.52 0.39 -0.96
SOUTHOLD_69_KV_BK 2 55809	37.13 3.14 -15.28	33.61 2.57 -15.58	30.56 2.41 -13.82	26.52 2.39 -9.76	27.52 2.39 -10.64	30.57 2.31 -14.06	32.13 2.80 -12.54	34.00 3.52 -10.14	35.17 3.82 -10.48	40.87 3.87 -16.11	39.74 3.69 -15.20	47.00 3.82 -22.33	43.86 3.75 -19.26	47.46 3.45 -24.54	46.75 3.17 -25.58	49.78 3.68 -25.45	69.18 3.49 -46.17	73.22 3.74 -48.56	45.03 4.17 -17.44	44.29 3.73 -19.62	50.69 4.35 -21.62	38.00 3.55 -13.92	32.55 3.62 -8.02	34.32 2.75 -15.40

SOUTHOLD___IC 23719	37.13 3.14 -15.28	33.61 2.57 -15.58	30.56 2.41 -13.82	26.52 2.39 -9.76	27.52 2.39 -10.64	30.57 2.32 -14.06	32.13 2.80 -12.54	34.02 3.54 -10.14	35.17 3.82 -10.48	40.87 3.86 -16.11	39.74 3.69 -15.20	46.96 3.77 -22.33	43.89 3.69 -19.35	47.58 3.43 -24.68	46.93 3.17 -25.75	49.91 3.68 -25.58	69.44 3.51 -46.42	73.47 3.76 -48.79	45.05 4.19 -17.44	44.25 3.69 -19.62	50.72 4.35 -21.65	38.12 3.61 -13.98	32.58 3.62 -8.05	34.39 2.75 -15.47
SPIERFLS_115KV_TB 1 80737	27.50 1.42 -7.38	26.58 1.19 -9.93	25.06 1.06 -9.67	24.01 1.06 -8.58	23.42 1.07 -7.85	26.26 1.09 -10.97	27.43 1.26 -9.39	29.12 1.40 -7.37	30.10 1.52 -7.70	30.91 1.61 -8.41	30.35 1.44 -8.06	31.30 1.38 -9.08	32.07 1.27 -9.95	36.10 1.21 -15.42	37.68 1.12 -18.55	36.27 1.26 -14.36	46.75 1.17 -26.07	46.64 1.28 -24.45	39.04 1.50 -14.12	35.94 1.36 -13.65	29.50 1.85 -2.92	27.70 1.35 -5.82	25.36 1.53 -2.92	24.99 1.12 -7.70
ST LAWRENCE____ 23600	18.14 -0.56 0.00	15.00 -0.46 0.00	13.92 -0.42 0.00	13.93 -0.45 0.00	14.08 -0.42 0.00	13.76 -0.44 0.00	16.31 -0.47 0.00	19.90 -0.45 0.00	20.35 -0.52 0.00	20.37 -0.52 0.00	20.35 -0.50 0.00	20.37 -0.48 0.00	20.37 -0.48 0.00	19.04 -0.43 0.00	17.61 -0.40 0.00	20.07 -0.58 0.00	19.04 -0.47 0.00	20.35 -0.56 0.00	22.69 -0.73 0.00	20.35 -0.59 0.00	23.93 -0.79 0.00	19.85 -0.68 0.00	20.31 -0.61 0.00	15.57 -0.60 0.00
STATE_CA_115KV_115_LB 55624	26.51 0.64 -7.17	25.64 0.53 -9.65	24.21 0.47 -9.41	23.19 0.47 -8.34	22.61 0.48 -7.63	25.35 0.48 -10.66	26.47 0.55 -9.14	28.17 0.65 -7.17	29.07 0.71 -7.49	29.80 0.73 -8.18	29.44 0.75 -7.84	30.41 0.73 -8.83	31.24 0.71 -9.68	35.11 0.64 -14.99	36.65 0.59 -18.05	35.31 0.68 -13.97	45.51 0.62 -25.37	45.40 0.69 -23.80	37.94 0.80 -13.73	34.92 0.71 -13.27	28.45 0.89 -2.84	26.86 0.68 -5.65	24.44 0.69 -2.84	24.14 0.49 -7.49
STATE_ST_34_KV_LOAD 55959	19.89 0.52 -0.66	16.81 0.45 -0.89	15.59 0.39 -0.87	15.55 0.40 -0.77	15.58 0.38 -0.71	15.59 0.40 -0.99	18.15 0.52 -0.85	21.77 0.51 -0.91	22.37 0.52 -0.97	22.42 0.52 -1.01	22.24 0.38 -1.02	22.27 0.38 -1.05	22.38 0.33 -1.19	21.46 0.39 -1.60	20.07 0.36 -1.71	22.49 0.50 -1.35	22.55 0.43 -2.61	23.76 0.52 -2.32	25.65 0.68 -1.55	22.69 0.52 -1.23	25.68 0.69 -0.26	21.48 0.43 -0.52	21.57 0.40 -0.26	17.38 0.52 -0.69
STATION 5_MISC_HYD 23604	19.54 0.21 -0.64	16.46 0.14 -0.86	15.25 0.09 -0.83	15.24 0.13 -0.74	15.28 0.10 -0.68	15.25 0.10 -0.95	17.52 -0.07 -0.81	20.45 -0.53 -0.64	20.93 -0.61 -0.66	21.20 -0.42 -0.72	21.02 -0.52 -0.70	21.19 -0.44 -0.78	21.27 -0.37 -0.86	20.43 -0.37 -1.33	19.32 -0.32 -1.63	21.74 -0.21 -1.29	21.56 -0.31 -2.36	22.82 -0.29 -2.20	24.45 -0.19 -1.22	21.93 -0.19 -1.18	24.95 -0.02 -0.25	21.07 0.04 -0.50	21.04 -0.12 -0.25	17.19 0.36 -0.66
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	19.60 0.26 -0.64	16.52 0.20 -0.86	15.31 0.14 -0.84	15.29 0.17 -0.74	15.33 0.16 -0.68	15.32 0.17 -0.95	17.71 0.12 -0.81	20.80 -0.18 -0.64	21.27 -0.27 -0.66	21.51 -0.10 -0.72	21.38 -0.17 -0.70	21.51 -0.13 -0.78	21.59 -0.13 -0.86	20.65 -0.16 -1.33	19.52 -0.13 -1.63	21.94 0.00 -1.29	21.78 -0.10 -2.36	23.07 -0.04 -2.20	24.76 0.12 -1.22	22.18 0.06 -1.18	25.17 0.20 -0.25	20.95 -0.08 -0.50	21.17 0.00 -0.25	17.19 0.36 -0.66
STA_56_34_KV_BUS2_REV_LBMP_B 345033	19.43 0.09 -0.63	16.36 0.05 -0.85	15.16 0.00 -0.83	15.15 0.04 -0.73	15.18 0.01 -0.67	15.15 0.01 -0.94	17.45 -0.13 -0.80	20.38 -0.59 -0.63	20.82 -0.71 -0.66	21.15 -0.46 -0.71	20.91 -0.63 -0.69	21.13 -0.50 -0.78	21.23 -0.48 -0.86	20.36 -0.43 -1.32	19.27 -0.36 -1.62	21.66 -0.27 -1.28	21.48 -0.37 -2.34	22.73 -0.36 -2.18	24.37 -0.26 -1.21	21.88 -0.23 -1.17	24.85 -0.12 -0.25	20.66 -0.37 -0.50	20.93 -0.23 -0.25	17.09 0.26 -0.66
STA_56___34_KV_BUS2 355983	19.43 0.09 -0.63	16.36 0.05 -0.85	15.16 0.00 -0.83	15.15 0.04 -0.73	15.18 0.01 -0.67	15.15 0.01 -0.94	17.45 -0.13 -0.80	20.38 -0.59 -0.63	20.82 -0.71 -0.66	21.15 -0.46 -0.71	20.91 -0.63 -0.69	21.13 -0.50 -0.78	21.23 -0.48 -0.86	20.36 -0.43 -1.32	19.27 -0.36 -1.62	21.66 -0.27 -1.28	21.48 -0.37 -2.34	22.73 -0.36 -2.18	24.37 -0.26 -1.21	21.88 -0.23 -1.17	24.85 -0.12 -0.25	20.66 -0.37 -0.50	20.93 -0.23 -0.25	17.09 0.26 -0.66
STA_67___115KV_BK2 355882	19.49 0.15 -0.64	16.41 0.09 -0.86	15.22 0.06 -0.83	15.20 0.09 -0.74	15.25 0.07 -0.68	15.22 0.07 -0.94	17.49 -0.10 -0.81	20.39 -0.59 -0.64	20.83 -0.71 -0.66	21.15 -0.46 -0.72	20.90 -0.65 -0.69	21.13 -0.50 -0.78	21.23 -0.48 -0.86	20.37 -0.43 -1.33	19.28 -0.36 -1.63	21.67 -0.27 -1.29	21.50 -0.37 -2.36	22.75 -0.36 -2.19	24.40 -0.23 -1.22	21.88 -0.23 -1.18	24.90 -0.07 -0.25	20.68 -0.35 -0.50	21.00 -0.17 -0.25	17.16 0.32 -0.66
STA_7___115KV_9TRANS 80674	19.64 0.30 -0.64	16.54 0.22 -0.86	15.32 0.16 -0.83	15.30 0.19 -0.74	15.35 0.17 -0.68	15.32 0.17 -0.95	17.61 0.02 -0.81	20.55 -0.43 -0.64	20.99 -0.54 -0.66	21.34 -0.27 -0.72	21.09 -0.46 -0.70	21.30 -0.33 -0.78	21.40 -0.31 -0.86	20.53 -0.27 -1.33	19.42 -0.22 -1.63	21.84 -0.10 -1.29	21.68 -0.20 -2.36	22.94 -0.17 -2.19	24.62 -0.02 -1.22	22.09 -0.02 -1.18	25.12 0.15 -0.25	20.85 -0.18 -0.50	21.14 -0.02 -0.25	17.27 0.44 -0.66
STA_82___115KV_TB1 80780	19.51 0.17 -0.64	16.43 0.11 -0.86	15.23 0.06 -0.84	15.22 0.10 -0.74	15.26 0.09 -0.68	15.22 0.07 -0.95	17.51 -0.08 -0.81	20.41 -0.57 -0.64	20.85 -0.69 -0.67	21.18 -0.44 -0.72	20.90 -0.65 -0.70	21.14 -0.50 -0.79	21.24 -0.48 -0.87	20.40 -0.41 -1.34	19.29 -0.36 -1.64	21.68 -0.27 -1.29	21.53 -0.35 -2.37	22.78 -0.33 -2.20	24.41 -0.23 -1.23	21.91 -0.21 -1.19	24.92 -0.05 -0.25	20.70 -0.33 -0.50	21.02 -0.15 -0.25	17.18 0.34 -0.67
STEEL___WIND 323596	19.25 -0.32 -0.86	16.35 -0.28 -1.16	15.19 -0.27 -1.13	15.17 -0.20 -1.00	15.17 -0.25 -0.92	15.25 -0.23 -1.28	17.26 -0.62 -1.10	18.22 -1.18 0.94	18.52 -1.23 1.12	18.68 -1.32 0.89	18.43 -1.25 1.17	18.95 -1.27 0.62	18.63 -1.25 0.97	18.66 -1.09 -0.28	19.21 -1.01 -2.21	21.43 -0.97 -1.75	20.60 -1.05 -2.14	22.50 -1.15 -2.74	21.95 -1.08 0.39	21.49 -1.05 -1.60	24.20 -0.87 -0.34	20.70 -0.51 -0.68	20.54 -0.71 -0.34	17.21 0.15 -0.90
STEPHTWN_115KV_BK_2 55603	26.50 0.71 -7.08	25.59 0.59 -9.53	24.15 0.53 -9.29	23.14 0.53 -8.23	22.57 0.54 -7.54	25.27 0.54 -10.53	26.42 0.62 -9.02	28.16 0.73 -7.08	29.08 0.81 -7.40	29.79 0.81 -8.08	29.44 0.85 -7.74	30.38 0.81 -8.72	31.20 0.79 -9.56	35.02 0.74 -14.81	36.52 0.68 -17.83	35.24 0.78 -13.81	45.30 0.72 -25.07	45.22 0.79 -23.51	37.91 0.94 -13.56	34.86 0.82 -13.10	28.54 1.01 -2.81	26.89 0.78 -5.58	24.51 0.79 -2.80	24.11 0.55 -7.40
STEUBEN_REC_LFGE 323667	20.02 0.21 -1.11	17.12 0.15 -1.50	15.89 0.10 -1.46	15.81 0.14 -1.29	15.80 0.12 -1.19	16.00 0.14 -1.66	18.25 0.05 -1.42	25.24 -0.24 -5.14	26.26 -0.27 -5.66	25.83 -0.48 -5.41	26.38 -0.40 -5.92	25.37 -0.58 -5.11	26.44 -0.67 -6.26	24.56 -0.62 -5.71	20.29 -0.58 -2.86	22.41 -0.50 -2.25	25.48 -0.53 -6.49	24.80 -0.48 -4.37	29.84 -0.26 -6.68	22.73 -0.27 -2.07	25.09 -0.07 -0.44	21.08 -0.33 -0.88	21.17 -0.19 -0.44	17.70 0.37 -1.16

STONY___BROOK 24151	36.14 2.13 -15.31	32.81 1.76 -15.58	29.80 1.65 -13.82	25.78 1.65 -9.76	26.78 1.65 -10.64	29.85 1.59 -14.06	31.25 1.93 -12.54	32.92 2.44 -10.14	34.00 2.65 -10.48	39.97 2.67 -16.40	38.81 2.31 -15.64	47.35 2.40 -24.10	43.86 2.36 -20.65	49.46 2.12 -27.87	45.71 1.95 -25.76	48.51 2.27 -25.59	75.10 2.20 -53.38	81.12 2.36 -57.84	44.20 2.60 -18.18	43.70 2.34 -20.42	51.52 2.74 -24.06	37.26 2.46 -14.27	31.55 2.59 -8.05	34.66 1.96 -16.53
STURGEON_POOL_HYD 23609	25.25 0.86 -5.68	23.81 0.70 -7.65	22.44 0.66 -7.45	21.66 0.68 -6.61	21.23 0.68 -6.05	23.27 0.62 -8.45	24.76 0.74 -7.24	26.98 0.96 -5.68	27.91 1.11 -5.93	28.45 1.11 -6.45	28.18 1.13 -6.21	29.01 1.17 -6.99	29.86 1.29 -7.72	32.48 1.13 -11.88	33.77 1.06 -14.70	33.60 1.26 -11.68	42.26 1.23 -21.52	42.14 1.32 -19.91	35.74 1.43 -10.89	32.66 1.19 -10.53	28.31 1.33 -2.25	26.16 1.15 -4.48	24.31 1.15 -2.25	22.89 0.79 -5.93
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	24.60 0.90 -5.00	22.94 0.74 -6.73	21.59 0.70 -6.56	20.89 0.70 -5.81	20.53 0.71 -5.32	22.29 0.65 -7.44	23.92 0.77 -6.37	26.34 1.00 -5.00	27.22 1.13 -5.22	27.47 1.15 -5.43	27.46 1.15 -5.46	28.19 1.19 -6.16	28.88 1.21 -6.82	31.02 1.09 -10.46	32.13 1.03 -13.10	32.39 1.22 -10.52	40.17 1.17 -19.49	40.08 1.23 -17.93	34.44 1.36 -9.67	31.43 1.15 -9.35	28.04 1.33 -1.98	25.58 1.11 -3.94	24.02 1.13 -1.98	22.17 0.78 -5.22
SWANROAD_115KV_TB1 355699	18.84 -0.65 -0.79	15.99 -0.54 -1.07	14.86 -0.52 -1.04	14.85 -0.45 -0.92	14.86 -0.48 -0.84	14.90 -0.48 -1.18	16.85 -0.94 -1.01	18.31 -1.49 0.55	18.55 -1.65 0.67	18.91 -1.46 0.52	18.50 -1.65 0.70	19.07 -1.48 0.30	18.88 -1.42 0.55	18.70 -1.27 -0.50	18.58 -1.46 -2.03	20.75 -1.51 -1.60	20.14 -1.50 -2.13	21.81 -1.65 -2.55	22.12 -1.26 0.03	20.90 -1.51 -1.47	23.65 -1.38 -0.31	19.67 -1.48 -0.62	20.14 -1.09 -0.31	16.87 -0.13 -0.83
SYNERGY___BIOGAS 323694	19.60 0.17 -0.73	16.54 0.09 -0.99	15.35 0.06 -0.96	15.34 0.11 -0.85	15.36 0.09 -0.78	15.38 0.09 -1.09	17.53 -0.18 -0.93	19.52 -0.63 0.20	19.85 -0.75 0.27	20.12 -0.63 0.14	19.90 -0.67 0.28	20.25 -0.62 -0.03	20.15 -0.58 0.12	19.67 -0.55 -0.74	19.28 -0.61 -1.88	21.62 -0.52 -1.48	21.04 -0.64 -2.17	22.65 -0.67 -2.41	23.48 -0.28 -0.34	21.83 -0.46 -1.36	24.81 -0.20 -0.29	21.07 -0.04 -0.58	20.93 -0.27 -0.29	17.39 0.45 -0.77
SYRACUSE___ENERGY_ST1 323597	19.43 0.19 -0.54	16.34 0.15 -0.72	15.17 0.13 -0.71	15.14 0.14 -0.63	15.19 0.12 -0.57	15.13 0.13 -0.80	17.63 0.17 -0.69	20.96 0.08 -0.54	21.52 0.08 -0.56	21.63 0.13 -0.61	21.56 0.13 -0.59	21.64 0.13 -0.66	21.68 0.10 -0.73	20.65 0.06 -1.13	19.46 0.07 -1.38	21.87 0.12 -1.09	21.61 0.10 -2.00	22.92 0.15 -1.86	24.66 0.21 -1.03	22.08 0.15 -1.00	25.16 0.22 -0.21	21.01 0.06 -0.42	21.19 0.06 -0.21	16.94 0.21 -0.56
SYRACUSE___ENERGY_ST2 323598	19.43 0.19 -0.54	16.34 0.15 -0.72	15.17 0.13 -0.71	15.14 0.14 -0.63	15.19 0.12 -0.57	15.13 0.13 -0.80	17.63 0.17 -0.69	20.96 0.08 -0.54	21.52 0.08 -0.56	21.63 0.13 -0.61	21.56 0.13 -0.59	21.64 0.13 -0.66	21.68 0.10 -0.73	20.65 0.06 -1.13	19.46 0.07 -1.38	21.87 0.12 -1.09	21.61 0.10 -2.00	22.92 0.15 -1.86	24.66 0.21 -1.03	22.08 0.15 -1.00	25.16 0.22 -0.21	21.01 0.06 -0.42	21.19 0.06 -0.21	16.94 0.21 -0.56
SYRACUSE___POWER 24017	19.39 0.13 -0.56	16.32 0.11 -0.75	15.14 0.07 -0.73	15.11 0.09 -0.65	15.16 0.07 -0.59	15.12 0.09 -0.83	17.59 0.10 -0.71	20.92 0.02 -0.56	21.48 0.02 -0.58	21.57 0.04 -0.63	21.50 0.04 -0.61	21.58 0.04 -0.69	21.65 0.04 -0.76	20.66 0.02 -1.17	19.46 0.02 -1.43	21.87 0.08 -1.13	21.62 0.04 -2.07	22.92 0.08 -1.93	24.65 0.16 -1.07	22.08 0.10 -1.04	25.11 0.17 -0.22	20.99 0.02 -0.44	21.16 0.02 -0.22	16.93 0.18 -0.58
TALLMAN___138KV_BK151 55660	24.90 1.03 -5.17	23.27 0.85 -6.96	21.93 0.82 -6.78	21.22 0.83 -6.01	20.82 0.83 -5.50	22.65 0.77 -7.68	24.25 0.89 -6.58	26.69 1.18 -5.17	27.58 1.31 -5.40	27.77 1.36 -5.52	27.81 1.31 -5.65	28.57 1.36 -6.36	29.27 1.38 -7.05	31.54 1.27 -10.81	32.72 1.17 -13.55	32.95 1.40 -10.89	41.01 1.33 -20.18	40.89 1.42 -18.56	34.98 1.55 -10.01	31.91 1.30 -9.68	28.28 1.51 -2.05	25.88 1.27 -4.08	24.24 1.28 -2.05	22.44 0.87 -5.40
TEALLAVE_115KV_TB7 355573	19.25 0.07 -0.47	16.16 0.06 -0.63	14.99 0.04 -0.62	14.98 0.06 -0.55	15.02 0.03 -0.50	14.94 0.04 -0.70	17.43 0.05 -0.60	20.77 -0.04 -0.47	21.32 -0.04 -0.49	21.42 0.00 -0.53	21.34 -0.02 -0.51	21.41 -0.02 -0.58	21.46 -0.02 -0.64	20.41 -0.04 -0.98	19.17 -0.04 -1.20	21.62 0.02 -0.95	21.23 -0.02 -1.74	22.55 0.02 -1.62	24.39 0.07 -0.90	21.83 0.02 -0.87	24.98 0.07 -0.19	20.86 -0.04 -0.37	21.06 -0.04 -0.19	16.79 0.13 -0.49
TELGRAPH_34_KV_EAST 80808	19.27 -0.19 -0.76	16.31 -0.17 -1.02	15.15 -0.17 -0.99	15.14 -0.11 -0.88	15.16 -0.14 -0.80	15.18 -0.14 -1.12	17.24 -0.50 -0.96	18.99 -1.00 0.36	19.25 -1.17 0.46	19.60 -0.98 0.31	19.27 -1.11 0.48	19.75 -0.98 0.12	19.60 -0.94 0.31	19.26 -0.84 -0.63	19.01 -0.94 -1.94	21.27 -0.91 -1.53	20.68 -0.98 -2.14	22.32 -1.05 -2.46	22.89 -0.70 -0.17	21.46 -0.88 -1.40	24.33 -0.69 -0.30	20.22 -0.90 -0.60	20.63 -0.59 -0.30	17.18 0.23 -0.79
TEMPLE___115KV_TB 2 55572	19.27 0.09 -0.48	16.18 0.08 -0.64	15.01 0.06 -0.62	15.00 0.07 -0.55	15.05 0.04 -0.51	14.96 0.06 -0.71	17.45 0.07 -0.61	20.80 -0.02 -0.48	21.35 -0.02 -0.50	21.43 0.00 -0.54	21.37 0.00 -0.52	21.43 0.00 -0.59	21.49 0.00 -0.64	20.45 -0.02 -0.99	19.21 -0.02 -1.22	21.66 0.04 -0.96	21.28 0.00 -1.77	22.59 0.04 -1.64	24.42 0.09 -0.91	21.86 0.04 -0.88	25.01 0.10 -0.19	20.86 -0.04 -0.37	21.08 -0.02 -0.19	16.81 0.15 -0.50
TIANA___69_KV_BK 1 55817	36.51 2.52 -15.28	33.13 2.09 -15.58	30.11 1.96 -13.82	26.07 1.94 -9.76	27.07 1.94 -10.64	30.15 1.89 -14.06	31.61 2.28 -12.54	33.35 2.87 -10.14	34.46 3.11 -10.48	40.14 3.13 -16.11	38.93 2.88 -15.20	46.16 2.98 -22.33	43.01 2.90 -19.26	46.66 2.65 -24.54	46.00 2.41 -25.58	48.91 2.81 -25.45	68.36 2.67 -46.17	72.34 2.87 -48.56	44.04 3.18 -17.44	43.43 2.87 -19.62	49.68 3.34 -21.62	37.22 2.77 -13.92	31.86 2.93 -8.02	33.80 2.23 -15.40
TILDEN___115KV_TB1 80814	19.39 0.13 -0.56	16.32 0.11 -0.75	15.14 0.07 -0.73	15.11 0.09 -0.65	15.16 0.07 -0.59	15.12 0.09 -0.83	17.59 0.10 -0.71	20.92 0.02 -0.56	21.48 0.02 -0.58	21.57 0.04 -0.63	21.50 0.04 -0.61	21.58 0.04 -0.69	21.65 0.04 -0.76	20.66 0.02 -1.17	19.46 0.02 -1.43	21.87 0.08 -1.13	21.62 0.04 -2.07	22.92 0.08 -1.93	24.65 0.16 -1.07	22.08 0.10 -1.04	25.11 0.17 -0.22	20.99 0.02 -0.44	21.16 0.02 -0.22	16.93 0.18 -0.58
TRIGEN___CC 323695	35.46 1.53 -15.23	32.30 1.25 -15.58	29.32 1.18 -13.82	25.32 1.19 -9.76	26.32 1.19 -10.64	29.40 1.14 -14.06	30.67 1.34 -12.54	32.21 1.73 -10.14	33.24 1.90 -10.47	34.22 1.90 -11.42	31.86 1.79 -9.22	34.01 1.86 -11.30	33.83 1.86 -11.12	35.90 1.69 -14.73	45.14 1.57 -25.57	47.93 1.84 -25.44	46.09 1.78 -24.80	43.56 1.88 -20.77	40.62 2.04 -15.16	37.28 1.80 -14.54	33.20 2.08 -6.40	34.30 1.77 -12.00	30.77 1.84 -8.02	29.65 1.33 -12.16

TRINITY__115KV__4 BK 55933	26.37 0.56 -7.10	25.49 0.46 -9.56	24.06 0.42 -9.31	23.05 0.42 -8.26	22.49 0.43 -7.56	25.18 0.43 -10.56	26.31 0.49 -9.05	28.01 0.57 -7.10	28.91 0.63 -7.42	29.62 0.63 -8.10	29.25 0.65 -7.76	30.21 0.63 -8.74	31.04 0.60 -9.58	34.88 0.56 -14.85	36.40 0.52 -17.87	35.09 0.60 -13.84	45.19 0.55 -25.13	45.09 0.61 -23.57	37.71 0.70 -13.59	34.70 0.63 -13.14	28.32 0.79 -2.81	26.72 0.60 -5.60	24.35 0.63 -2.81	24.00 0.42 -7.41
UNION__PROCESSING_DRP 323587	19.51 0.17 -0.64	16.43 0.11 -0.86	15.24 0.07 -0.84	15.23 0.11 -0.74	15.26 0.09 -0.68	15.24 0.09 -0.95	17.51 -0.08 -0.81	20.44 -0.55 -0.64	20.85 -0.69 -0.67	21.18 -0.44 -0.72	20.92 -0.63 -0.70	21.16 -0.48 -0.79	21.26 -0.46 -0.87	20.40 -0.41 -1.34	19.31 -0.34 -1.64	21.70 -0.25 -1.30	21.54 -0.35 -2.38	22.79 -0.33 -2.21	24.44 -0.21 -1.23	21.93 -0.19 -1.19	24.92 -0.05 -0.25	20.70 -0.33 -0.50	21.02 -0.15 -0.25	17.18 0.34 -0.67
UPPER HUDSON__HYD 24058	27.52 1.44 -7.38	26.58 1.19 -9.93	25.06 1.06 -9.67	24.01 1.06 -8.58	23.42 1.07 -7.85	26.26 1.09 -10.97	27.43 1.26 -9.39	29.12 1.40 -7.37	30.10 1.52 -7.70	30.91 1.61 -8.41	30.35 1.44 -8.06	31.30 1.38 -9.08	32.06 1.27 -9.94	36.07 1.21 -15.40	37.65 1.12 -18.53	36.25 1.26 -14.34	46.71 1.17 -26.03	46.60 1.28 -24.41	39.04 1.50 -14.12	35.94 1.36 -13.65	29.49 1.85 -2.92	27.75 1.42 -5.81	25.36 1.53 -2.92	24.97 1.11 -7.69
UPPER RAQUET__HYD 24056	17.62 -1.09 0.00	14.55 -0.91 0.00	13.52 -0.82 0.00	13.48 -0.89 0.00	13.64 -0.86 0.00	13.36 -0.84 0.00	15.87 -0.91 0.00	19.43 -0.92 0.00	19.85 -1.02 0.00	19.85 -1.04 0.00	19.81 -1.04 0.00	19.83 -1.02 0.00	19.81 -1.04 0.00	18.50 -0.97 0.00	17.11 -0.90 0.00	19.33 -1.32 0.00	18.48 -1.03 0.00	19.72 -1.19 0.00	22.04 -1.38 0.00	19.80 -1.13 0.00	23.24 -1.48 0.00	19.24 -1.29 0.00	19.62 -1.30 0.00	15.04 -1.13 0.00
VALLEY44_115KV_TB2 355964	18.95 -0.71 -0.96	16.19 -0.57 -1.30	15.05 -0.54 -1.26	14.98 -0.52 -1.12	14.97 -0.55 -1.02	15.12 -0.51 -1.43	17.12 -0.89 -1.23	19.56 -1.06 -0.28	20.23 -0.88 -0.24	19.74 -1.53 -0.38	20.22 -0.88 -0.25	19.89 -1.50 -0.54	19.84 -1.50 -0.49	19.60 -1.30 -1.43	19.29 -1.19 -2.47	21.47 -1.14 -1.95	21.43 -1.25 -3.17	22.80 -1.34 -3.23	23.22 -1.26 -1.07	21.49 -1.24 -1.79	23.94 -1.16 -0.38	20.06 -1.23 -0.76	20.23 -1.07 -0.38	16.93 -0.24 -1.00
VALLEY__115KV_TB 1-4 80826	18.57 -0.13 0.00	15.37 -0.09 0.00	14.26 -0.07 0.00	14.29 -0.09 0.00	14.45 -0.04 0.00	14.20 0.00 0.00	16.80 0.02 0.00	20.32 -0.02 0.00	20.85 -0.02 0.00	20.85 -0.04 0.00	20.81 -0.04 0.00	20.79 -0.06 0.00	20.77 -0.08 0.00	19.28 -0.19 0.00	17.79 -0.22 0.00	20.38 -0.27 0.00	19.24 -0.27 0.00	20.64 -0.27 0.00	23.16 -0.26 0.00	20.73 -0.21 0.00	24.50 -0.22 0.00	20.36 -0.16 0.00	20.75 -0.17 0.00	16.07 -0.10 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	21.78 1.08 -2.00	19.03 0.88 -2.69	17.78 0.83 -2.62	17.47 0.78 -2.32	17.38 0.75 -2.13	17.95 0.78 -2.97	20.25 0.92 -2.54	23.46 1.12 -2.00	24.19 1.23 -2.09	24.34 1.19 -2.26	24.14 1.11 -2.18	24.39 1.08 -2.46	24.64 1.08 -2.71	24.62 0.97 -4.17	24.01 0.88 -5.12	25.73 1.03 -4.04	27.86 0.94 -7.41	28.89 1.09 -6.89	28.56 1.31 -3.83	25.79 1.15 -3.70	26.95 1.43 -0.79	23.17 1.07 -1.57	22.71 1.00 -0.79	19.09 0.84 -2.08
VISCHER__FERRY HYD 24020	26.80 0.90 -7.20	25.90 0.74 -9.69	24.45 0.67 -9.44	23.44 0.69 -8.37	22.86 0.70 -7.67	25.60 0.70 -10.71	26.74 0.79 -9.17	28.42 0.87 -7.20	29.35 0.96 -7.52	30.07 0.96 -8.21	29.70 0.98 -7.87	30.65 0.94 -8.86	31.43 0.90 -9.68	35.36 0.86 -15.03	36.76 0.79 -17.96	35.37 0.91 -13.81	45.32 0.84 -24.97	45.34 0.92 -23.51	38.26 1.05 -13.78	35.24 0.98 -13.32	28.78 1.21 -2.85	27.18 0.99 -5.67	24.74 0.98 -2.85	24.40 0.73 -7.51
V_A_10_SYNC_DSASP 323832	19.17 -0.24 -0.71	16.22 -0.20 -0.96	15.08 -0.19 -0.93	15.06 -0.14 -0.83	15.10 -0.16 -0.76	15.08 -0.18 -1.06	17.19 -0.50 -0.91	18.94 -1.22 0.19	19.21 -1.40 0.26	19.67 -1.11 0.12	19.18 -1.40 0.27	19.75 -1.15 -0.05	19.65 -1.11 0.09	19.21 -0.99 -0.74	18.94 -0.90 -1.83	21.23 -0.87 -1.44	20.70 -0.94 -2.12	22.25 -1.00 -2.34	22.84 -0.94 -0.36	21.40 -0.86 -1.32	24.29 -0.72 -0.28	20.19 -0.90 -0.56	20.61 -0.59 -0.28	17.06 0.15 -0.74
V_CMM_10_SYNC_DSASP 323787	18.22 -0.49 0.00	15.06 -0.40 0.00	13.96 -0.37 0.00	13.97 -0.40 0.00	14.13 -0.36 0.00	13.82 -0.38 0.00	16.36 -0.42 0.00	19.98 -0.37 0.00	20.43 -0.44 0.00	20.43 -0.46 0.00	20.43 -0.42 0.00	20.45 -0.40 0.00	20.45 -0.40 0.00	19.10 -0.37 0.00	17.66 -0.34 0.00	20.14 -0.52 0.00	19.10 -0.41 0.00	20.41 -0.50 0.00	22.76 -0.66 0.00	20.41 -0.52 0.00	24.00 -0.72 0.00	19.91 -0.62 0.00	20.37 -0.54 0.00	15.64 -0.53 0.00
V_CMP_10_SYNC_DSASP 323788	18.01 -0.69 0.00	14.86 -0.60 0.00	13.82 -0.52 0.00	13.80 -0.58 0.00	14.05 -0.45 0.00	13.68 -0.53 0.00	16.40 -0.39 0.00	20.18 -0.16 0.00	20.37 -0.50 0.00	20.41 -0.48 0.00	20.31 -0.54 0.00	20.64 -0.21 0.00	20.56 -0.29 0.00	19.00 -0.47 0.00	17.45 -0.56 0.00	19.77 -0.89 0.00	18.79 -0.72 0.00	20.12 -0.79 0.00	22.48 -0.94 0.00	20.22 -0.71 0.00	23.71 -1.01 0.00	19.63 -0.90 0.00	20.05 -0.86 0.00	15.38 -0.79 0.00
V_E_10_SYNC_DSASP 323830	21.60 1.38 -1.51	18.65 1.14 -2.04	17.39 1.08 -1.99	17.13 0.99 -1.76	17.07 0.96 -1.61	17.49 1.04 -2.25	20.02 1.31 -1.93	23.65 1.48 -1.82	24.23 1.44 -1.92	24.22 1.30 -2.03	24.09 1.23 -2.01	24.10 1.10 -2.15	24.35 1.08 -2.41	23.73 0.84 -3.42	22.64 0.74 -3.89	24.65 0.93 -3.07	26.12 0.80 -5.81	27.31 1.13 -5.27	28.26 1.59 -3.25	25.15 1.40 -2.81	27.12 1.80 -0.60	23.08 1.35 -1.20	22.58 1.07 -0.60	18.82 1.07 -1.58
V_F_30_NSUNC__DSASP 323816	27.33 1.27 -7.35	26.41 1.05 -9.89	24.92 0.95 -9.64	23.87 0.95 -8.55	23.28 0.96 -7.82	26.10 0.97 -10.93	27.25 1.11 -9.36	28.94 1.24 -7.35	29.90 1.36 -7.68	30.65 1.38 -8.38	30.22 1.34 -8.03	31.19 1.29 -9.05	31.98 1.23 -9.90	35.98 1.17 -15.34	37.51 1.06 -18.44	36.13 1.22 -14.26	46.51 1.13 -25.87	46.43 1.23 -24.28	38.94 1.45 -14.07	35.84 1.30 -13.60	29.31 1.68 -2.91	27.65 1.33 -5.79	25.18 1.36 -2.91	24.84 1.00 -7.66
V_F_30_SYNC_DSASP 323786	26.51 0.64 -7.17	25.64 0.53 -9.65	24.20 0.47 -9.40	23.18 0.47 -8.33	22.60 0.48 -7.63	25.34 0.48 -10.65	26.46 0.55 -9.13	28.16 0.65 -7.17	29.07 0.71 -7.48	29.80 0.73 -8.17	29.43 0.75 -7.83	30.40 0.73 -8.82	31.23 0.71 -9.67	35.10 0.64 -14.98	36.64 0.59 -18.04	35.30 0.68 -13.96	45.49 0.62 -25.35	45.38 0.69 -23.78	37.93 0.80 -13.72	34.91 0.71 -13.26	28.45 0.89 -2.84	26.86 0.68 -5.65	24.44 0.69 -2.84	24.12 0.47 -7.48
V_XM_10_SYNC_DSASP 323789	18.01 -0.69 0.00	14.86 -0.60 0.00	13.82 -0.52 0.00	13.80 -0.58 0.00	14.05 -0.45 0.00	13.68 -0.53 0.00	16.40 -0.39 0.00	20.18 -0.16 0.00	20.37 -0.50 0.00	20.41 -0.48 0.00	20.31 -0.54 0.00	20.64 -0.21 0.00	20.56 -0.29 0.00	19.00 -0.47 0.00	17.45 -0.56 0.00	19.77 -0.89 0.00	18.79 -0.72 0.00	20.12 -0.79 0.00	22.48 -0.94 0.00	20.22 -0.71 0.00	23.71 -1.01 0.00	19.63 -0.90 0.00	20.05 -0.86 0.00	15.38 -0.79 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	24.97 1.07 -5.21	23.35 0.88 -7.01	22.00 0.85 -6.83	21.29 0.86 -6.05	20.89 0.86 -5.54	22.73 0.80 -7.74	24.33 0.92 -6.63	26.77 1.22 -5.20	27.66 1.36 -5.44	27.80 1.38 -5.53	27.89 1.36 -5.69	28.65 1.40 -6.41	29.36 1.42 -7.10	31.64 1.29 -10.88	32.86 1.21 -13.64	33.07 1.45 -10.97	41.20 1.37 -20.33	41.07 1.46 -18.70	35.10 1.59 -10.09	32.03 1.34 -9.75	28.34 1.56 -2.06	25.95 1.31 -4.10	24.29 1.32 -2.06	22.51 0.91 -5.43
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	25.48 1.33 -5.45	23.87 1.07 -7.34	22.47 0.99 -7.15	21.70 0.99 -6.34	21.30 1.00 -5.80	23.25 0.95 -8.10	24.86 1.14 -6.94	27.36 1.57 -5.45	28.29 1.73 -5.69	29.14 1.78 -6.47	28.51 1.71 -5.95	29.31 1.75 -6.71	30.03 1.75 -7.43	32.46 1.60 -11.39	33.78 1.48 -14.30	33.85 1.69 -11.51	42.50 1.66 -21.33	42.28 1.76 -19.61	35.87 1.87 -10.58	32.77 1.61 -10.22	28.73 1.85 -2.16	26.41 1.58 -4.30	24.70 1.63 -2.16	22.99 1.13 -5.69
W50THST__13_KV_LOAD 356117	25.57 1.42 -5.45	23.94 1.14 -7.34	22.54 1.06 -7.15	21.77 1.06 -6.34	21.37 1.07 -5.80	23.33 1.02 -8.10	24.96 1.24 -6.94	27.48 1.69 -5.45	28.46 1.90 -5.69	29.30 1.94 -6.47	28.66 1.86 -5.95	29.47 1.92 -6.71	30.18 1.90 -7.43	32.60 1.73 -11.39	33.91 1.60 -14.30	34.00 1.84 -11.51	42.64 1.79 -21.33	42.41 1.88 -19.61	36.01 2.01 -10.58	32.88 1.72 -10.22	28.83 1.95 -2.16	26.51 1.68 -4.30	24.79 1.71 -2.16	23.07 1.21 -5.69
WADING RIVER_IC_1 23522	36.25 2.26 -15.28	32.93 1.89 -15.58	29.93 1.78 -13.82	25.90 1.77 -9.76	26.90 1.77 -10.64	29.96 1.70 -14.06	31.40 2.08 -12.54	33.09 2.60 -10.14	34.15 2.80 -10.48	39.86 2.84 -16.12	38.61 2.54 -15.21	45.78 2.63 -22.30	42.64 2.46 -19.33	46.36 2.24 -24.66	45.77 2.02 -25.75	48.59 2.35 -25.58	68.15 2.26 -46.37	72.07 2.42 -48.73	43.55 2.69 -17.43	42.95 2.41 -19.61	49.17 2.84 -21.60	36.94 2.44 -13.97	31.55 2.59 -8.05	33.61 1.97 -15.47
WADING RIVER_IC_2 23547	36.25 2.26 -15.28	32.93 1.89 -15.58	29.93 1.78 -13.82	25.90 1.77 -9.76	26.90 1.77 -10.64	29.96 1.70 -14.06	31.40 2.08 -12.54	33.09 2.60 -10.14	34.15 2.80 -10.48	39.86 2.84 -16.12	38.61 2.54 -15.21	45.78 2.63 -22.30	42.64 2.46 -19.33	46.36 2.24 -24.66	45.77 2.02 -25.75	48.59 2.35 -25.58	68.15 2.26 -46.37	72.07 2.42 -48.73	43.55 2.69 -17.43	42.95 2.41 -19.61	49.17 2.84 -21.60	36.94 2.44 -13.97	31.55 2.59 -8.05	33.61 1.97 -15.47
WADING RIVER_IC_3 23601	36.25 2.26 -15.28	32.93 1.89 -15.58	29.93 1.78 -13.82	25.90 1.77 -9.76	26.90 1.77 -10.64	29.96 1.70 -14.06	31.40 2.08 -12.54	33.09 2.60 -10.14	34.15 2.80 -10.48	39.86 2.84 -16.12	38.61 2.54 -15.21	45.78 2.63 -22.30	42.64 2.46 -19.33	46.36 2.24 -24.66	45.77 2.02 -25.75	48.59 2.35 -25.58	68.15 2.26 -46.37	72.07 2.42 -48.73	43.55 2.69 -17.43	42.95 2.41 -19.61	49.17 2.84 -21.60	36.94 2.44 -13.97	31.55 2.59 -8.05	33.61 1.97 -15.47
WALDENNY_I2_KV_BK2 80841	19.24 -0.32 -0.85	16.34 -0.28 -1.15	15.20 -0.26 -1.12	15.15 -0.22 -0.99	15.17 -0.23 -0.91	15.26 -0.21 -1.27	17.25 -0.62 -1.09	18.31 -1.14 0.90	18.64 -1.17 1.07	18.81 -1.23 0.85	18.57 -1.17 1.12	19.05 -1.21 0.59	18.74 -1.19 0.92	18.74 -1.03 -0.30	19.21 -0.99 -2.19	21.41 -0.97 -1.73	20.62 -1.03 -2.14	22.48 -1.15 -2.72	22.08 -0.98 0.35	21.52 -1.00 -1.59	24.22 -0.84 -0.34	20.20 -1.01 -0.67	20.54 -0.71 -0.34	17.22 0.16 -0.89
WALDEN__HYDRO 24148	25.06 1.07 -5.29	23.43 0.85 -7.12	22.07 0.80 -6.94	21.34 0.82 -6.15	20.94 0.81 -5.63	22.83 0.77 -7.86	24.41 0.89 -6.74	26.77 1.14 -5.29	27.65 1.25 -5.52	28.10 1.27 -5.93	27.86 1.23 -5.78	28.63 1.27 -6.51	29.41 1.34 -7.23	31.77 1.21 -11.09	33.01 1.15 -13.85	33.12 1.36 -11.10	41.37 1.33 -20.53	41.25 1.42 -18.92	35.20 1.61 -10.17	32.13 1.36 -9.83	28.43 1.61 -2.10	26.07 1.35 -4.18	24.33 1.32 -2.10	22.64 0.94 -5.54
WARRENSBURG____ 23737	27.52 1.44 -7.38	26.58 1.19 -9.93	25.06 1.06 -9.67	24.01 1.06 -8.58	23.42 1.07 -7.85	26.26 1.09 -10.97	27.43 1.26 -9.39	29.12 1.40 -7.37	30.10 1.52 -7.70	30.91 1.61 -8.41	30.35 1.44 -8.06	31.30 1.38 -9.08	32.06 1.27 -9.94	36.07 1.21 -15.40	37.65 1.12 -18.53	36.25 1.26 -14.34	46.71 1.17 -26.03	46.60 1.28 -24.41	39.04 1.50 -14.12	35.94 1.36 -13.65	29.49 1.85 -2.92	27.75 1.42 -5.81	25.36 1.53 -2.92	24.97 1.11 -7.69
WATERSIDE____6 8 9 23538	25.56 1.40 -5.46	23.93 1.13 -7.34	22.53 1.05 -7.15	21.77 1.05 -6.34	21.36 1.06 -5.80	23.30 0.99 -8.10	24.90 1.17 -6.94	27.43 1.63 -5.46	28.36 1.79 -5.70	32.44 1.84 -9.71	28.57 1.77 -5.95	29.38 1.81 -6.71	30.09 1.81 -7.42	32.53 1.65 -11.40	33.83 1.53 -14.29	33.94 1.78 -11.51	42.57 1.74 -21.33	38.36 1.86 -15.58	35.94 1.94 -10.58	32.73 1.72 -10.07	28.24 1.98 -1.55	25.09 1.70 -2.86	23.22 1.76 -0.55	23.06 1.20 -5.70
WATKINRD_115KV_LN8_ILLION 55919	18.68 -0.02 0.00	15.45 -0.02 0.00	14.33 0.00 0.00	14.36 -0.01 0.00	14.50 0.00 0.00	14.23 0.03 0.00	16.81 0.03 0.00	20.36 0.02 0.00	20.91 0.04 0.00	20.91 0.02 0.00	20.87 0.02 0.00	20.85 0.00 0.00	20.85 0.00 0.00	19.39 -0.08 0.00	17.92 -0.09 0.00	20.55 -0.10 0.00	19.39 -0.12 0.00	20.83 -0.08 0.00	23.35 -0.07 0.00	20.89 -0.04 0.00	24.70 -0.02 0.00	20.51 -0.02 0.00	20.87 -0.04 0.00	16.17 0.00 0.00
WATSON__69_KV_BK 1 55734	36.18 2.23 -15.26	32.89 1.84 -15.58	29.87 1.72 -13.82	25.86 1.72 -9.76	26.86 1.73 -10.64	29.93 1.68 -14.06	31.35 2.03 -12.54	33.04 2.56 -10.14	34.12 2.78 -10.48	37.38 2.78 -13.71	35.84 2.52 -12.47	45.19 2.63 -21.71	42.25 2.61 -18.79	41.43 2.34 -19.63	45.74 2.16 -25.57	48.59 2.50 -25.44	57.36 2.38 -35.47	58.11 2.55 -34.64	42.57 2.86 -16.30	42.96 2.64 -19.39	48.66 3.09 -20.85	36.96 2.59 -13.85	31.65 2.72 -8.02	32.02 2.04 -13.82
WDELAWARE__HYD 323627	24.32 0.84 -4.77	22.54 0.65 -6.42	21.22 0.63 -6.26	20.54 0.62 -5.55	20.17 0.59 -5.08	21.87 0.57 -7.10	23.53 0.67 -6.08	25.99 0.87 -4.77	26.86 1.00 -4.98	27.27 1.00 -5.37	26.98 0.92 -5.22	27.68 0.96 -5.87	28.40 1.04 -6.51	30.46 0.99 -10.00	31.39 0.95 -12.43	31.70 1.14 -9.92	38.92 1.11 -18.30	39.02 1.21 -16.90	33.99 1.41 -9.17	30.95 1.15 -8.86	27.92 1.31 -1.89	25.41 1.11 -3.77	23.85 1.05 -1.89	21.89 0.73 -4.99
WEST BABYLON__IC 23714	35.99 2.06 -15.23	32.76 1.72 -15.58	29.75 1.61 -13.82	25.74 1.61 -9.76	26.74 1.61 -10.64	29.81 1.55 -14.06	31.19 1.86 -12.54	32.86 2.38 -10.14	33.91 2.57 -10.47	35.49 2.59 -12.01	33.36 2.38 -10.13	38.40 2.46 -15.09	37.22 2.46 -13.91	37.56 2.18 -15.91	45.58 2.00 -25.57	48.43 2.33 -25.44	49.09 2.20 -27.37	47.39 2.36 -24.11	41.52 2.67 -15.44	39.68 2.43 -16.31	39.26 2.87 -11.67	35.63 2.42 -12.68	31.46 2.53 -8.02	30.67 1.89 -12.61
WEST CANADA__HYD 24049	18.72 0.02 0.00	15.48 0.02 0.00	14.35 0.01 0.00	14.39 0.01 0.00	14.53 0.03 0.00	14.23 0.03 0.00	16.81 0.03 0.00	20.36 0.02 0.00	20.89 0.02 0.00	20.91 0.02 0.00	20.87 0.02 0.00	20.85 0.00 0.00	20.85 0.00 0.00	19.45 -0.02 0.00	17.99 -0.02 0.00	20.65 0.00 0.00	19.49 -0.02 0.00	20.91 0.00 0.00	23.44 0.02 0.00	20.98 0.04 0.00	24.77 0.05 0.00	20.57 0.04 0.00	20.96 0.04 0.00	16.22 0.05 0.00

WESTERN_NY_WIND 24143	19.58 0.13 -0.74	16.54 0.08 -1.00	15.33 0.03 -0.97	15.34 0.10 -0.86	15.34 0.06 -0.79	15.38 0.07 -1.10	17.51 -0.22 -0.94	19.41 -0.67 0.26	19.73 -0.79 0.34	20.01 -0.67 0.21	19.78 -0.71 0.36	20.15 -0.67 0.03	20.03 -0.62 0.19	19.58 -0.58 -0.70	19.26 -0.65 -1.91	21.60 -0.56 -1.50	20.99 -0.68 -2.16	22.63 -0.71 -2.43	23.37 -0.33 -0.28	21.81 -0.50 -1.38	24.77 -0.25 -0.29	21.03 -0.08 -0.59	20.89 -0.31 -0.29	17.38 0.44 -0.78
WESTOVER___LESR 323668	20.58 0.26 -1.62	17.87 0.23 -2.18	16.65 0.20 -2.12	16.47 0.22 -1.88	16.41 0.19 -1.72	16.79 0.18 -2.40	19.02 0.18 -2.06	22.08 0.12 -1.62	22.73 0.17 -1.69	22.81 0.08 -1.83	22.76 0.15 -1.77	22.92 0.08 -1.99	23.12 0.08 -2.19	22.91 0.06 -3.38	22.21 0.05 -4.15	24.09 0.17 -3.27	25.61 0.10 -6.00	26.63 0.15 -5.57	26.80 0.28 -3.10	24.12 0.19 -3.00	25.68 0.32 -0.64	21.93 0.12 -1.27	21.72 0.17 -0.64	18.18 0.32 -1.69
WETHRSFD_WT_PWR 323626	19.32 -0.34 -0.96	16.44 -0.31 -1.29	15.30 -0.29 -1.26	15.24 -0.24 -1.11	15.26 -0.26 -1.02	15.37 -0.26 -1.43	17.43 -0.57 -1.22	14.02 -1.08 5.24	13.79 -1.15 5.93	14.32 -1.25 5.32	13.39 -1.25 6.21	14.99 -1.27 4.58	13.49 -1.33 6.02	15.07 -1.19 3.21	19.37 -1.10 -2.46	21.52 -1.07 -1.94	18.30 -1.13 0.08	22.26 -1.15 -2.50	17.22 -1.03 5.16	21.73 -0.98 -1.78	24.29 -0.82 -0.38	20.75 -0.53 -0.76	20.58 -0.71 -0.38	17.24 0.06 -1.00
WHAVSTOR_138KV_BK127 55557	24.91 0.99 -5.21	23.30 0.82 -7.02	21.96 0.79 -6.84	21.25 0.82 -6.06	20.86 0.81 -5.55	22.69 0.74 -7.75	24.28 0.86 -6.64	26.70 1.14 -5.21	27.59 1.27 -5.44	27.74 1.32 -5.53	27.82 1.27 -5.70	28.58 1.31 -6.41	29.27 1.31 -7.11	31.57 1.21 -10.90	32.79 1.12 -13.66	32.98 1.34 -10.99	41.16 1.29 -20.36	41.00 1.36 -18.72	35.00 1.48 -10.11	31.96 1.26 -9.77	28.24 1.46 -2.06	25.87 1.23 -4.11	24.21 1.23 -2.06	22.45 0.84 -5.44
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	24.91 0.99 -5.21	23.30 0.82 -7.02	21.96 0.79 -6.84	21.25 0.82 -6.06	20.86 0.81 -5.55	22.69 0.74 -7.75	24.28 0.86 -6.64	26.70 1.14 -5.21	27.59 1.27 -5.44	27.74 1.32 -5.53	27.82 1.27 -5.70	28.58 1.31 -6.41	29.27 1.31 -7.11	31.57 1.21 -10.90	32.79 1.12 -13.66	32.98 1.34 -10.99	41.16 1.29 -20.36	41.00 1.36 -18.72	35.00 1.48 -10.11	31.96 1.26 -9.77	28.24 1.46 -2.06	25.87 1.23 -4.11	24.21 1.23 -2.06	22.45 0.84 -5.44
WHITEHAL_115KV_TB1 80871	27.96 1.89 -7.36	26.94 1.56 -9.91	25.38 1.39 -9.66	24.33 1.39 -8.56	23.74 1.41 -7.84	26.60 1.45 -10.95	27.86 1.69 -9.38	29.64 1.93 -7.36	30.63 2.07 -7.69	31.48 2.19 -8.39	30.88 1.98 -8.05	31.79 1.88 -9.06	32.47 1.69 -9.93	36.50 1.64 -15.39	38.02 1.49 -18.51	36.65 1.67 -14.32	47.08 1.58 -25.99	47.02 1.71 -24.39	39.55 2.04 -14.09	36.38 1.82 -13.63	30.16 2.52 -2.92	28.18 1.85 -5.81	25.84 2.01 -2.92	25.31 1.46 -7.69
WHITEPLN_13_KV_LOAD 356215	25.44 1.31 -5.43	23.84 1.07 -7.30	22.45 1.00 -7.12	21.69 1.01 -6.31	21.29 1.01 -5.78	23.23 0.97 -8.07	24.85 1.16 -6.91	27.30 1.53 -5.43	28.23 1.69 -5.67	29.07 1.71 -6.46	28.59 1.81 -5.93	29.40 1.88 -6.68	30.17 1.92 -7.40	32.41 1.60 -11.35	33.76 1.51 -14.24	33.87 1.76 -11.46	42.45 1.70 -21.24	42.22 1.78 -19.53	35.89 1.92 -10.55	32.79 1.65 -10.20	28.75 1.88 -2.15	26.41 1.60 -4.28	24.67 1.61 -2.15	22.97 1.13 -5.67
WM_FLOYD_69_KV_BK2 356380	36.18 2.19 -15.29	32.87 1.82 -15.58	29.87 1.72 -13.82	25.84 1.71 -9.76	26.84 1.71 -10.64	29.91 1.65 -14.06	31.34 2.01 -12.54	33.00 2.52 -10.14	34.09 2.73 -10.48	39.67 2.74 -16.05	38.43 2.44 -15.14	45.88 2.54 -22.49	42.66 2.44 -19.37	46.36 2.22 -24.67	45.60 2.02 -25.58	48.46 2.35 -25.45	68.23 2.26 -46.45	72.26 2.43 -48.92	43.58 2.69 -17.47	43.08 2.45 -19.69	49.42 2.87 -21.83	36.88 2.40 -13.95	31.51 2.57 -8.02	33.59 1.97 -15.45
WOODARD___115KV_TB2 355635	19.21 0.04 -0.47	16.13 0.03 -0.64	14.97 0.01 -0.62	14.95 0.03 -0.55	15.00 0.00 -0.50	14.92 0.01 -0.70	17.40 0.02 -0.60	20.74 -0.08 -0.47	21.28 -0.08 -0.49	21.37 -0.06 -0.54	21.30 -0.06 -0.52	21.37 -0.06 -0.58	21.43 -0.06 -0.64	20.38 -0.08 -0.99	19.15 -0.07 -1.22	21.57 -0.04 -0.96	21.21 -0.06 -1.76	22.51 -0.04 -1.63	24.35 0.02 -0.91	21.79 -0.02 -0.88	24.93 0.02 -0.19	20.82 -0.08 -0.37	21.02 -0.08 -0.19	16.76 0.10 -0.49
YORK___WARBASSE 23770	25.69 1.53 -5.46	24.04 1.24 -7.34	22.62 1.13 -7.15	21.85 1.14 -6.34	21.44 1.15 -5.80	23.34 1.04 -8.10	24.91 1.19 -6.94	27.49 1.69 -5.46	28.47 1.90 -5.70	36.41 1.94 -13.58	32.85 1.90 -10.10	39.08 1.96 -16.27	37.84 1.96 -15.03	32.66 1.79 -11.40	34.08 1.66 -14.41	34.08 1.92 -11.51	76.55 1.89 -55.15	70.81 2.01 -47.89	36.10 2.11 -10.58	34.13 1.86 -11.33	33.29 2.13 -6.44	36.79 1.85 -14.42	36.28 1.88 -13.49	23.18 1.31 -5.70