

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/28/2023

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	23.24	19.96	18.98	18.24	18.41	19.19	22.41	26.59	27.70	25.59	27.89	29.19	29.45	30.23	32.78	32.85	39.63	49.89	53.19	43.59	34.85	30.15	28.00	25.79
24138	0.99	0.94	0.83	0.53	0.40	0.43	0.57	0.58	0.45	1.23	1.23	1.31	1.58	1.64	1.21	1.10	1.64	1.98	2.31	2.74	2.73	2.43	2.42	1.95
	-9.94	-7.03	-7.25	-10.67	-12.56	-13.01	-14.52	-18.58	-21.59	-10.37	-12.98	-14.65	-12.09	-11.84	-19.64	-20.77	-20.49	-29.25	-27.54	-12.91	-2.80	-2.20	-1.84	-1.96
74TH STREET_GT_1	23.22	19.95	18.96	18.24	18.40	19.18	22.40	26.58	27.69	25.56	27.86	29.17	29.42	30.19	32.76	32.82	39.60	49.84	53.16	43.53	34.76	30.08	27.95	25.75
24260	0.97	0.92	0.81	0.52	0.40	0.41	0.56	0.56	0.44	1.20	1.20	1.28	1.55	1.61	1.18	1.07	1.61	1.92	2.29	2.68	2.64	2.35	2.37	1.90
	-9.94	-7.03	-7.25	-10.67	-12.56	-13.01	-14.52	-18.58	-21.59	-10.37	-12.98	-14.65	-12.09	-11.84	-19.64	-20.77	-20.49	-29.25	-27.55	-12.91	-2.80	-2.20	-1.84	-1.96
74TH STREET_GT_2	23.22	19.95	18.96	18.24	18.40	19.18	22.40	26.58	27.69	25.56	27.86	29.17	29.42	30.19	32.76	32.82	39.60	49.84	53.16	43.53	34.76	30.08	27.95	25.75
24261	0.97	0.92	0.81	0.52	0.40	0.41	0.56	0.56	0.44	1.20	1.20	1.28	1.55	1.61	1.18	1.07	1.61	1.92	2.29	2.68	2.64	2.35	2.37	1.90
	-9.94	-7.03	-7.25	-10.67	-12.56	-13.01	-14.52	-18.58	-21.59	-10.37	-12.98	-14.65	-12.09	-11.84	-19.64	-20.77	-20.49	-29.25	-27.55	-12.91	-2.80	-2.20	-1.84	-1.96
ADK HUDSON___FALLS	25.65	21.58	20.71	21.00	21.72	22.64	26.22	31.51	33.52	28.04	31.00	32.69	32.12	32.83	37.59	38.09	44.63	57.17	60.02	46.31	34.91	30.01	27.50	25.63
24011	0.68	0.64	0.58	0.37	0.28	0.32	0.40	0.42	0.36	0.84	0.79	0.82	0.93	1.00	0.63	0.65	1.03	1.25	1.61	1.93	2.02	1.68	1.42	1.25
	-12.66	-8.95	-9.23	-13.59	-15.99	-16.57	-18.49	-23.66	-27.49	-13.21	-16.53	-18.64	-15.40	-15.08	-25.02	-26.46	-26.10	-37.26	-35.08	-16.45	-3.56	-2.80	-2.34	-2.50
ADK RESOURCE___RCVRY	25.71	21.64	20.75	21.03	21.75	22.67	26.26	31.55	33.57	28.13	31.10	32.77	32.19	32.91	37.64	38.15	44.71	57.29	60.16	46.46	35.06	30.12	27.59	25.72
23798	0.73	0.68	0.61	0.39	0.30	0.34	0.43	0.45	0.39	0.92	0.88	0.89	0.99	1.07	0.67	0.69	1.10	1.34	1.73	2.07	2.17	1.79	1.52	1.33
	-12.67	-8.95	-9.24	-13.60	-16.00	-16.58	-18.50	-23.68	-27.51	-13.22	-16.54	-18.65	-15.41	-15.09	-25.03	-26.47	-26.12	-37.28	-35.11	-16.46	-3.56	-2.80	-2.34	-2.50
ADK S GLENS___FALLS	25.65	21.58	20.71	21.00	21.72	22.64	26.22	31.51	33.52	28.04	31.00	32.69	32.12	32.83	37.59	38.09	44.63	57.17	60.02	46.31	34.91	30.01	27.50	25.63
24028	0.68	0.64	0.58	0.37	0.28	0.32	0.40	0.42	0.36	0.84	0.79	0.82	0.93	1.00	0.63	0.65	1.03	1.25	1.61	1.93	2.02	1.68	1.42	1.25
	-12.66	-8.95	-9.23	-13.59	-15.99	-16.57	-18.49	-23.66	-27.49	-13.21	-16.53	-18.64	-15.40	-15.08	-25.02	-26.46	-26.10	-37.26	-35.08	-16.45	-3.56	-2.80	-2.34	-2.50
ADK_NYS___DAM	25.09	21.23	20.30	20.39	21.00	21.90	25.39	30.43	32.20	27.30	30.11	31.69	31.24	31.96	36.39	36.77	43.35	55.39	58.35	45.44	34.63	29.91	27.41	25.56
23527	0.70	0.70	0.60	0.39	0.30	0.35	0.43	0.44	0.31	0.71	0.67	0.69	0.77	0.84	0.60	0.56	0.96	1.20	1.56	1.81	1.91	1.71	1.45	1.29
	-12.08	-8.53	-8.80	-12.96	-15.25	-15.80	-17.63	-22.56	-26.22	-12.60	-15.76	-17.77	-14.69	-14.38	-23.86	-25.23	-24.89	-35.53	-33.46	-15.69	-3.40	-2.67	-2.23	-2.39
AIR_PRODUCTS___DRP	24.90	20.99	20.14	20.37	21.05	21.93	25.40	30.48	32.36	27.14	30.00	31.59	31.10	31.80	36.42	36.83	43.18	55.28	58.02	44.78	33.82	29.12	26.77	24.99
24190	0.37	0.36	0.33	0.21	0.17	0.20	0.24	0.22	0.17	0.41	0.37	0.37	0.46	0.50	0.35	0.32	0.51	0.67	0.84	0.98	1.06	0.89	0.78	0.70
	-12.22	-8.63	-8.91	-13.11	-15.43	-15.99	-17.84	-22.83	-26.53	-12.74	-15.95	-17.98	-14.86	-14.55	-24.14	-25.52	-25.18	-35.95	-33.85	-15.87	-3.44	-2.70	-2.26	-2.41
AKWESSNE_115KV_BK	11.95	11.64	10.55	6.82	3.66	2.52	3.72	3.77	5.47	11.05	11.07	11.06	15.23	10.96	11.06	10.60	16.90	18.08	22.68	27.21	28.60	24.91	23.21	21.47
355683	-0.36	-0.36	-0.35	-0.22	-0.17	-0.20	-0.26	-0.26	-0.20	-0.50	-0.48	-0.48	-0.55	-0.59	-0.42	-0.38	-0.59	-0.58	-0.65	-0.73	-0.73	-0.61	-0.52	-0.42
	0.00	0.00	0.00	0.00	1.61	3.03	3.35	3.40	0.00	2.44	2.13	1.70	0.00	5.19	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	24.90	20.99	20.14	20.37	21.05	21.93	25.40	30.48	32.36	27.14	30.00	31.59	31.10	31.80	36.42	36.83	43.18	55.28	58.02	44.78	33.82	29.12	26.77	24.99
23571	0.37	0.36	0.33	0.21	0.17	0.20	0.24	0.22	0.17	0.41	0.37	0.37	0.46	0.50	0.35	0.32	0.51	0.67	0.84	0.98	1.06	0.89	0.78	0.70
	-12.22	-8.63	-8.91	-13.11	-15.43	-15.99	-17.84	-22.83	-26.53	-12.74	-15.95	-17.98	-14.86	-14.55	-24.14	-25.52	-25.18	-35.95	-33.85	-15.87	-3.44	-2.70	-2.26	-2.41
ALBANY___2	24.90	20.99	20.14	20.37	21.05	21.93	25.40	30.48	32.36	27.14	30.00	31.59	31.10	31.80	36.42	36.83	43.18	55.28	58.02	44.78	33.82	29.12	26.77	24.99
23572	0.37	0.36	0.33	0.21	0.17	0.20	0.24	0.22	0.17	0.41	0.37	0.37	0.46	0.50	0.35	0.32	0.51	0.67	0.84	0.98	1.06	0.89	0.78	0.70
	-12.22	-8.63	-8.91	-13.11	-15.43	-15.99	-17.84	-22.83	-26.53	-12.74	-15.95	-17.98	-14.86	-14.55	-24.14	-25.52	-25.18	-35.95	-33.85	-15.87	-3.44	-2.70	-2.26	-2.41
ALBANY___3	24.90	20.99	20.14	20.37	21.05	21.93	25.40	30.48	32.36	27.14	30.00	31.59	31.10	31.80	36.42	36.83	43.18	55.28	58.02	44.78	33.82	29.12	26.77	24.99
23573	0.37	0.36	0.33	0.21	0.17	0.20	0.24	0.22	0.17	0.41	0.37	0.37	0.46	0.50	0.35	0.32	0.51	0.67	0.84	0.98	1.06	0.89	0.78	0.70
	-12.22	-8.63	-8.91	-13.11	-15.43	-15.99	-17.84	-22.83	-26.53	-12.74	-15.95	-17.98	-14.86	-14.55	-24.14	-25.52	-25.18	-35.95	-33.85	-15.87	-3.44	-2.70	-2.26	-2.41

ALBANY___4 23574	24.90 0.37 -12.22	20.99 0.36 -8.63	20.14 0.33 -8.91	20.37 0.21 -13.11	21.05 0.17 -15.43	21.93 0.20 -15.99	25.40 0.24 -17.84	30.48 0.22 -22.83	32.36 0.17 -26.53	27.14 0.41 -12.74	30.00 0.37 -15.95	31.59 0.37 -17.98	31.10 0.46 -14.86	31.80 0.50 -14.55	36.42 0.35 -24.14	36.83 0.32 -25.52	43.18 0.51 -25.18	55.28 0.67 -35.95	58.02 0.84 -33.85	44.78 0.98 -15.87	33.82 1.06 -3.44	29.12 0.89 -2.70	26.77 0.78 -2.26	24.99 0.70 -2.41
ALBANY___LFGE 323615	25.11 0.47 -12.34	21.17 0.46 -8.72	20.30 0.40 -8.99	20.55 0.26 -13.24	21.24 0.21 -15.58	22.13 0.24 -16.15	25.63 0.29 -18.01	30.77 0.28 -23.05	32.67 0.22 -26.79	27.37 0.52 -12.87	30.28 0.49 -16.11	31.88 0.49 -18.16	31.39 0.60 -15.01	32.09 0.65 -14.70	36.75 0.44 -24.37	37.19 0.43 -25.78	43.59 0.66 -25.43	55.80 0.84 -36.30	58.59 1.07 -34.18	45.22 1.26 -16.03	34.12 1.32 -3.47	29.38 1.12 -2.73	26.99 0.97 -2.28	25.17 0.85 -2.44
ALCOA_PA_115KV_PL-6C 55860	11.99 -0.32 0.00	11.68 -0.32 0.00	10.59 -0.32 0.00	6.85 -0.20 0.00	3.72 -0.16 1.56	2.61 -0.20 2.93	3.82 -0.26 3.25	3.87 -0.26 3.30	5.47 -0.20 0.00	11.12 -0.50 2.36	11.12 -0.49 2.07	11.10 -0.49 1.65	15.21 -0.57 0.00	11.10 -0.60 5.04	11.06 -0.43 0.45	10.60 -0.38 0.00	16.88 -0.61 0.00	18.08 -0.58 0.00	22.70 -0.63 0.00	27.24 -0.70 0.00	28.62 -0.70 0.00	24.97 -0.56 0.00	23.28 -0.45 0.00	21.53 -0.35 0.00
ALCOA_RYNLDS___DRP 24188	11.99 -0.32 0.00	11.68 -0.32 0.00	10.59 -0.32 0.00	6.85 -0.20 0.00	3.72 -0.16 1.56	2.61 -0.20 2.93	3.82 -0.26 3.25	3.87 -0.26 3.30	5.47 -0.20 0.00	11.12 -0.50 2.36	11.12 -0.49 2.07	11.10 -0.49 1.65	15.21 -0.57 0.00	11.10 -0.60 5.04	11.06 -0.43 0.45	10.60 -0.38 0.00	16.88 -0.61 0.00	18.08 -0.58 0.00	22.70 -0.63 0.00	27.24 -0.70 0.00	28.62 -0.70 0.00	24.97 -0.56 0.00	23.28 -0.45 0.00	21.53 -0.35 0.00
ALCOA___DSASP 323711	11.99 -0.32 0.00	11.68 -0.32 0.00	10.59 -0.32 0.00	6.85 -0.20 0.00	3.72 -0.16 1.56	2.61 -0.20 2.93	3.82 -0.26 3.25	3.87 -0.26 3.30	5.47 -0.20 0.00	11.12 -0.50 2.36	11.12 -0.49 2.07	11.10 -0.49 1.65	15.21 -0.57 0.00	11.10 -0.60 5.04	11.06 -0.43 0.45	10.60 -0.38 0.00	16.88 -0.61 0.00	18.08 -0.58 0.00	22.70 -0.63 0.00	27.24 -0.70 0.00	28.62 -0.70 0.00	24.97 -0.56 0.00	23.28 -0.45 0.00	21.53 -0.35 0.00
ALLEGHENY___COGEN 23514	15.94 0.81 -2.82	14.81 0.82 -1.99	13.72 0.76 -2.06	10.56 0.49 -3.03	9.39 0.38 -3.56	9.88 0.44 -3.69	12.01 0.56 -4.12	13.31 0.61 -5.27	12.22 0.43 -6.12	17.81 0.88 -2.94	18.07 0.71 -3.68	17.99 0.61 -4.15	19.95 0.74 -3.43	20.94 0.84 -3.36	18.12 0.61 -5.57	17.47 0.59 -5.89	24.32 1.01 -5.81	28.25 1.29 -8.30	33.06 1.91 -7.82	33.81 2.21 -3.66	32.23 2.11 -0.79	27.76 1.61 -0.62	25.56 1.30 -0.52	23.64 1.20 -0.56
ALTAMONT_115KV_TB 2 55880	24.97 0.46 -12.21	21.07 0.44 -8.63	20.21 0.40 -8.90	20.41 0.26 -13.10	21.07 0.21 -15.42	21.95 0.22 -15.98	25.43 0.28 -17.83	30.53 0.28 -22.81	32.39 0.22 -26.51	27.24 0.52 -12.74	30.11 0.49 -15.94	31.72 0.52 -17.97	31.25 0.62 -14.85	31.94 0.65 -14.54	36.52 0.47 -24.12	36.93 0.44 -25.51	43.34 0.68 -25.16	55.42 0.84 -35.92	58.20 1.05 -33.82	45.05 1.26 -15.86	34.08 1.32 -3.43	29.35 1.12 -2.70	27.01 1.02 -2.25	25.19 0.90 -2.41
ALTONA_WT_PWR 323606	11.73 -0.58 0.00	11.40 -0.60 0.00	10.27 -0.63 0.00	6.62 -0.42 0.00	3.55 -0.31 1.59	2.40 -0.37 2.98	3.57 -0.45 3.30	3.62 -0.46 3.35	5.34 -0.32 0.00	10.72 -0.87 2.40	10.69 -0.89 2.10	10.73 -0.83 1.67	14.88 -0.90 0.00	10.71 -0.92 5.12	10.80 -0.68 0.45	10.39 -0.59 0.00	16.65 -0.84 0.00	17.99 -0.67 0.00	22.75 -0.58 0.00	27.49 -0.45 0.00	29.01 -0.32 0.00	25.40 -0.13 0.00	23.71 -0.02 0.00	22.01 0.13 0.00
AMERICAN_REF_FUEL 24010	14.92 -0.01 -2.63	13.92 0.06 -1.86	12.93 0.11 -1.91	9.93 0.07 -2.82	8.83 0.07 -3.32	9.31 0.12 -3.44	11.27 0.11 -3.84	12.39 0.04 -4.91	11.41 0.04 -5.70	16.68 -0.04 -2.74	16.97 -0.14 -3.43	17.02 -0.08 -3.87	18.98 0.00 -3.20	19.89 0.02 -3.13	17.16 0.04 -5.19	16.53 0.06 -5.49	22.92 0.02 -5.41	26.30 -0.09 -7.73	30.52 -0.09 -7.28	31.18 -0.17 -3.41	29.80 -0.26 -0.74	25.85 -0.26 -0.58	23.82 -0.40 -0.48	22.18 -0.22 -0.52
ARKWRIGHT___SUMMIT_WT_PWR 323751	15.18 0.06 -2.81	14.12 0.13 -1.99	13.14 0.19 -2.05	10.17 0.11 -3.02	9.11 0.12 -3.55	9.62 0.19 -3.68	11.66 0.23 -4.10	12.91 0.23 -5.25	11.96 0.20 -6.10	17.32 0.41 -2.93	17.70 0.36 -3.67	17.81 0.44 -4.14	19.85 0.65 -3.42	20.84 0.75 -3.35	18.05 0.56 -5.55	17.39 0.54 -5.87	24.18 0.89 -5.79	27.85 0.91 -8.27	32.31 1.19 -7.79	32.93 1.34 -3.65	31.35 1.23 -0.79	27.14 0.99 -0.62	24.92 0.66 -0.52	23.05 0.61 -0.56
ARTHUR_KILL_GT_1 23520	23.30 1.05 -9.95	20.04 1.01 -7.03	19.03 0.88 -7.25	18.29 0.56 -10.68	18.42 0.42 -12.56	19.15 0.39 -13.01	22.33 0.49 -14.52	26.48 0.48 -18.57	27.60 0.36 -21.58	25.34 0.99 -10.36	27.68 1.03 -12.97	29.02 1.15 -14.64	29.22 1.36 -12.09	30.00 1.42 -11.84	32.62 1.05 -19.63	32.69 0.94 -20.76	39.34 1.37 -20.49	49.59 1.68 -29.25	52.85 1.98 -27.54	43.19 2.35 -12.91	34.46 2.35 -2.79	29.84 2.12 -2.19	27.88 2.30 -1.84	25.88 2.04 -1.96
ARTHUR_KILL_2 23512	23.28 1.02 -9.95	20.02 0.98 -7.03	19.00 0.85 -7.25	18.27 0.55 -10.68	18.41 0.41 -12.56	19.14 0.38 -13.01	22.31 0.47 -14.52	26.46 0.46 -18.57	27.59 0.35 -21.58	25.30 0.95 -10.36	27.65 1.00 -12.97	28.99 1.11 -14.64	29.19 1.33 -12.09	29.95 1.37 -11.84	32.59 1.01 -19.63	32.66 0.91 -20.76	39.29 1.31 -20.49	49.53 1.62 -29.25	52.76 1.89 -27.54	43.11 2.26 -12.91	34.38 2.26 -2.79	29.79 2.07 -2.19	27.83 2.26 -1.84	25.82 1.97 -1.96
ARTHUR_KILL_3 23513	23.10 0.85 -9.94	19.83 0.80 -7.03	18.85 0.70 -7.25	18.17 0.45 -10.67	18.35 0.34 -12.56	19.12 0.36 -13.01	22.33 0.49 -14.52	26.51 0.50 -18.58	27.64 0.39 -21.59	25.43 1.08 -10.37	27.74 1.08 -12.98	29.03 1.15 -14.65	29.28 1.40 -12.09	30.02 1.44 -11.84	32.63 1.05 -19.64	32.70 0.94 -20.77	39.40 1.42 -20.49	49.63 1.72 -29.25	52.86 1.98 -27.55	43.25 2.40 -12.91	34.47 2.35 -2.80	29.87 2.14 -2.20	27.76 2.18 -1.84	25.57 1.73 -1.96
ARTHUR_KILL_COGEN 323718	23.30 1.05 -9.95	20.04 1.01 -7.03	19.03 0.88 -7.25	18.29 0.56 -10.68	18.42 0.42 -12.56	19.15 0.39 -13.01	22.33 0.49 -14.52	26.48 0.48 -18.57	27.60 0.36 -21.58	25.34 0.99 -10.36	27.68 1.03 -12.97	29.02 1.15 -14.64	29.22 1.36 -12.09	30.00 1.42 -11.84	32.62 1.05 -19.63	32.69 0.94 -20.76	39.34 1.37 -20.49	49.59 1.68 -29.25	52.85 1.98 -27.54	43.19 2.35 -12.91	34.46 2.35 -2.79	29.84 2.12 -2.19	27.88 2.30 -1.84	25.88 2.04 -1.96
ASHOKAN____ 23654	23.51 0.27 -10.93	19.93 0.20 -7.72	19.04 0.17 -7.97	18.89 0.12 -11.73	19.34 0.09 -13.80	20.13 0.08 -14.30	23.38 0.10 -15.96	27.92 0.07 -20.42	29.45 0.06 -23.73	25.47 0.08 -11.40	28.00 0.05 -14.27	29.41 0.09 -16.08	29.23 0.16 -13.29	29.94 0.18 -13.02	33.66 0.13 -21.59	33.99 0.18 -22.83	40.35 0.33 -22.52	51.43 0.61 -32.15	54.42 0.82 -30.27	43.02 0.89 -14.19	33.34 0.94 -3.07	28.64 0.69 -2.42	26.37 0.62 -2.02	24.52 0.48 -2.16

ASTORIA_GT_10 24110	23.19 0.94 -9.94	19.93 0.90 -7.03	18.94 0.79 -7.25	18.22 0.51 -10.67	18.38 0.38 -12.56	19.13 0.37 -13.01	22.32 0.48 -14.52	26.49 0.48 -18.58	27.62 0.37 -21.59	25.39 1.03 -10.37	27.71 1.05 -12.98	29.03 1.15 -14.65	29.25 1.37 -12.09	30.02 1.44 -11.84	32.63 1.05 -19.64	32.69 0.93 -20.77	39.37 1.38 -20.49	49.58 1.66 -29.25	52.84 1.96 -27.55	43.14 2.29 -12.91	34.38 2.26 -2.80	29.87 2.14 -2.20	27.81 2.23 -1.84	25.68 1.84 -1.96
ASTORIA_GT_11 24225	23.19 0.94 -9.94	19.93 0.90 -7.03	18.94 0.79 -7.25	18.22 0.51 -10.67	18.38 0.38 -12.56	19.13 0.37 -13.01	22.32 0.48 -14.52	26.49 0.48 -18.58	27.62 0.37 -21.59	25.39 1.03 -10.37	27.71 1.05 -12.98	29.03 1.15 -14.65	29.25 1.37 -12.09	30.02 1.44 -11.84	32.63 1.05 -19.64	32.69 0.93 -20.77	39.37 1.38 -20.49	49.58 1.66 -29.25	52.84 1.96 -27.55	43.14 2.29 -12.91	34.38 2.26 -2.80	29.87 2.14 -2.20	27.81 2.23 -1.84	25.68 1.84 -1.96
ASTORIA_GT_12 24226	23.19 0.94 -9.94	19.93 0.90 -7.03	18.94 0.79 -7.25	18.22 0.51 -10.67	18.38 0.38 -12.56	19.13 0.37 -13.01	22.32 0.48 -14.52	26.49 0.48 -18.58	27.62 0.37 -21.59	25.39 1.03 -10.37	27.71 1.05 -12.98	29.03 1.15 -14.65	29.25 1.37 -12.09	30.02 1.44 -11.84	32.63 1.05 -19.64	32.69 0.93 -20.77	39.37 1.38 -20.49	49.58 1.66 -29.25	52.84 1.96 -27.55	43.14 2.29 -12.91	34.38 2.26 -2.80	29.87 2.14 -2.20	27.81 2.23 -1.84	25.68 1.84 -1.96
ASTORIA_GT_13 24227	23.19 0.94 -9.94	19.93 0.90 -7.03	18.94 0.79 -7.25	18.22 0.51 -10.67	18.38 0.38 -12.56	19.13 0.37 -13.01	22.32 0.48 -14.52	26.49 0.48 -18.58	27.62 0.37 -21.59	25.39 1.03 -10.37	27.71 1.05 -12.98	29.03 1.15 -14.65	29.25 1.37 -12.09	30.02 1.44 -11.84	32.63 1.05 -19.64	32.69 0.93 -20.77	39.37 1.38 -20.49	49.58 1.66 -29.25	52.84 1.96 -27.55	43.14 2.29 -12.91	34.38 2.26 -2.80	29.87 2.14 -2.20	27.81 2.23 -1.84	25.68 1.84 -1.96
ASTORIA_GT_5 24106	23.24 0.99 -9.95	19.98 0.95 -7.03	18.98 0.83 -7.25	18.28 0.56 -10.68	18.41 0.41 -12.56	19.14 0.38 -13.01	22.31 0.47 -14.52	26.47 0.47 -18.57	27.60 0.36 -21.58	25.37 1.02 -10.36	27.70 1.05 -12.97	29.02 1.15 -14.64	29.24 1.37 -12.09	30.00 1.42 -11.84	32.64 1.06 -19.64	32.67 0.92 -20.76	39.38 1.40 -20.49	49.61 1.70 -29.25	52.87 2.01 -27.54	43.25 2.40 -12.91	34.38 2.26 -2.79	29.92 2.20 -2.20	27.88 2.30 -1.84	25.79 1.95 -1.96
ASTORIA_GT_7 24107	23.24 0.99 -9.95	19.98 0.95 -7.03	18.98 0.83 -7.25	18.28 0.56 -10.68	18.41 0.41 -12.56	19.14 0.38 -13.01	22.31 0.47 -14.52	26.47 0.47 -18.57	27.60 0.36 -21.58	25.37 1.02 -10.36	27.70 1.05 -12.97	29.02 1.15 -14.64	29.24 1.37 -12.09	30.00 1.42 -11.84	32.64 1.06 -19.64	32.67 0.92 -20.76	39.38 1.40 -20.49	49.61 1.70 -29.25	52.87 2.01 -27.54	43.25 2.40 -12.91	34.38 2.26 -2.79	29.92 2.20 -2.20	27.88 2.30 -1.84	25.79 1.95 -1.96
ASTORIA_GT_8 24108	23.24 0.98 -9.94	19.97 0.95 -7.03	18.98 0.83 -7.25	18.27 0.56 -10.67	18.41 0.41 -12.56	19.14 0.38 -13.01	22.30 0.46 -14.52	26.48 0.47 -18.58	27.61 0.36 -21.59	25.38 1.02 -10.37	27.70 1.04 -12.98	29.03 1.15 -14.65	29.23 1.36 -12.09	30.01 1.42 -11.84	32.64 1.06 -19.64	32.68 0.92 -20.77	39.39 1.40 -20.49	49.60 1.68 -29.25	52.88 2.01 -27.55	43.23 2.37 -12.91	34.35 2.23 -2.80	29.90 2.17 -2.20	27.88 2.30 -1.84	25.79 1.95 -1.96
ASTORIA___2 24149	23.23 0.97 -9.95	19.97 0.94 -7.03	18.97 0.82 -7.25	18.27 0.55 -10.68	18.40 0.40 -12.56	19.13 0.37 -13.01	22.30 0.45 -14.52	26.46 0.46 -18.57	27.59 0.35 -21.58	25.34 0.99 -10.36	27.68 1.03 -12.97	29.00 1.12 -14.64	29.21 1.34 -12.09	29.97 1.39 -11.84	32.62 1.04 -19.64	32.65 0.90 -20.76	39.34 1.37 -20.49	49.57 1.66 -29.25	52.83 1.96 -27.54	43.19 2.35 -12.91	34.32 2.20 -2.79	29.87 2.14 -2.20	27.83 2.26 -1.84	25.77 1.93 -1.96
ASTORIA___3 23516	23.21 0.95 -9.95	19.93 0.90 -7.03	18.94 0.79 -7.25	18.23 0.51 -10.68	18.38 0.38 -12.56	19.13 0.37 -13.01	22.32 0.48 -14.52	26.48 0.48 -18.57	27.61 0.37 -21.58	25.39 1.03 -10.37	27.73 1.07 -12.98	29.03 1.15 -14.65	29.26 1.39 -12.09	30.02 1.44 -11.84	32.63 1.05 -19.64	32.69 0.93 -20.77	39.36 1.38 -20.49	49.59 1.68 -29.25	52.83 1.96 -27.54	43.16 2.32 -12.91	34.41 2.29 -2.79	29.90 2.17 -2.20	27.83 2.26 -1.84	25.70 1.86 -1.96
ASTORIA___4 23517	23.19 0.94 -9.94	19.93 0.90 -7.03	18.94 0.79 -7.25	18.22 0.51 -10.67	18.38 0.38 -12.56	19.13 0.37 -13.01	22.32 0.48 -14.52	26.49 0.48 -18.58	27.62 0.37 -21.59	25.39 1.03 -10.37	27.71 1.05 -12.98	29.03 1.15 -14.65	29.25 1.37 -12.09	30.02 1.44 -11.84	32.63 1.05 -19.64	32.69 0.93 -20.77	39.37 1.38 -20.49	49.58 1.66 -29.25	52.84 1.96 -27.55	43.14 2.29 -12.91	34.38 2.26 -2.80	29.87 2.14 -2.20	27.81 2.23 -1.84	25.68 1.84 -1.96
ASTORIA___5 23518	23.21 0.95 -9.95	19.93 0.90 -7.03	18.94 0.79 -7.25	18.23 0.51 -10.68	18.38 0.38 -12.56	19.13 0.37 -13.01	22.32 0.48 -14.52	26.48 0.48 -18.57	27.61 0.37 -21.58	25.39 1.03 -10.37	27.73 1.07 -12.98	29.03 1.15 -14.65	29.26 1.39 -12.09	30.02 1.44 -11.84	32.63 1.05 -19.64	32.69 0.93 -20.77	39.36 1.38 -20.49	49.59 1.68 -29.25	52.80 1.94 -27.54	43.16 2.32 -12.91	34.41 2.29 -2.79	29.90 2.17 -2.20	27.83 2.26 -1.84	25.70 1.86 -1.96
AST_ENERGY_2_CC3 323677	23.16 0.91 -9.94	19.90 0.88 -7.03	18.91 0.76 -7.25	18.21 0.49 -10.67	18.38 0.38 -12.56	19.15 0.39 -13.01	22.36 0.52 -14.52	26.55 0.54 -18.58	27.66 0.41 -21.59	25.48 1.12 -10.37	27.79 1.13 -12.98	29.09 1.20 -14.65	29.34 1.47 -12.09	30.09 1.51 -11.84	32.69 1.11 -19.64	32.76 1.00 -20.77	39.49 1.50 -20.49	49.73 1.81 -29.25	53.00 2.12 -27.55	43.39 2.54 -12.91	34.62 2.49 -2.80	29.97 2.25 -2.20	27.83 2.26 -1.84	25.66 1.82 -1.96
AST_ENERGY_2_CC4 323678	23.16 0.91 -9.94	19.90 0.88 -7.03	18.91 0.76 -7.25	18.21 0.49 -10.67	18.38 0.38 -12.56	19.15 0.39 -13.01	22.36 0.52 -14.52	26.55 0.54 -18.58	27.66 0.41 -21.59	25.48 1.12 -10.37	27.79 1.13 -12.98	29.09 1.20 -14.65	29.34 1.47 -12.09	30.09 1.51 -11.84	32.69 1.11 -19.64	32.76 1.00 -20.77	39.49 1.50 -20.49	49.73 1.81 -29.25	53.00 2.12 -27.55	43.39 2.54 -12.91	34.62 2.49 -2.80	29.97 2.25 -2.20	27.83 2.26 -1.84	25.66 1.82 -1.96
ATHENS_STG_1 23668	23.76 0.50 -10.95	20.23 0.49 -7.74	19.34 0.46 -7.98	19.09 0.30 -11.75	19.50 0.23 -13.83	20.31 0.24 -14.33	23.61 0.30 -15.99	28.20 0.30 -20.46	29.67 0.23 -23.77	25.99 0.59 -11.42	28.56 0.59 -14.29	29.97 0.62 -16.12	29.84 0.74 -13.32	30.57 0.79 -13.04	34.14 0.57 -21.63	34.38 0.52 -22.87	40.87 0.81 -22.57	51.85 0.97 -32.22	54.83 1.17 -30.33	43.56 1.40 -14.22	33.87 1.47 -3.08	29.23 1.28 -2.42	26.97 1.21 -2.02	25.09 1.05 -2.16
ATHENS_STG_2 23670	23.76 0.50 -10.95	20.23 0.49 -7.74	19.34 0.46 -7.98	19.09 0.30 -11.75	19.50 0.23 -13.83	20.31 0.24 -14.33	23.61 0.30 -15.99	28.20 0.30 -20.46	29.67 0.23 -23.77	25.99 0.59 -11.42	28.56 0.59 -14.29	29.97 0.62 -16.12	29.84 0.74 -13.32	30.57 0.79 -13.04	34.14 0.57 -21.63	34.38 0.52 -22.87	40.87 0.81 -22.57	51.85 0.97 -32.22	54.83 1.17 -30.33	43.56 1.40 -14.22	33.87 1.47 -3.08	29.23 1.28 -2.42	26.97 1.21 -2.02	25.09 1.05 -2.16

ATHENS_STG_3 23677	23.76 0.50 -10.95	20.23 0.49 -7.74	19.34 0.46 -7.98	19.09 0.30 -11.75	19.50 0.23 -13.83	20.31 0.24 -14.33	23.61 0.30 -15.99	28.20 0.30 -20.46	29.67 0.23 -23.77	25.99 0.59 -11.42	28.56 0.59 -14.29	29.97 0.62 -16.12	29.84 0.74 -13.32	30.57 0.79 -13.04	34.14 0.57 -21.63	34.38 0.52 -22.87	40.87 0.81 -22.57	51.85 0.97 -32.22	54.83 1.17 -30.33	43.56 1.40 -14.22	33.87 1.47 -3.08	29.23 1.28 -2.42	26.97 1.21 -2.02	25.09 1.05 -2.16
AUBURN____LFGE 323710	15.14 0.38 -2.45	14.11 0.38 -1.73	13.05 0.36 -1.78	9.90 0.23 -2.62	8.72 0.19 -3.09	9.16 0.21 -3.20	11.17 0.27 -3.57	12.30 0.30 -4.57	11.19 0.22 -5.31	17.08 0.55 -2.55	17.42 0.55 -3.19	17.32 0.49 -3.60	19.31 0.55 -2.97	20.24 0.59 -2.91	17.15 0.38 -4.83	16.45 0.35 -5.11	23.09 0.56 -5.04	26.45 0.60 -7.19	30.85 0.75 -6.77	31.95 0.84 -3.18	30.81 0.79 -0.69	26.68 0.61 -0.54	24.66 0.47 -0.45	22.78 0.42 -0.48
BABYLON_RES_REC 323704	26.71 1.10 -13.31	22.95 1.08 -9.87	19.06 0.92 -7.24	18.29 0.58 -10.67	18.95 0.46 -13.05	21.95 0.52 -15.68	25.22 0.67 -17.23	30.39 0.69 -22.26	31.15 0.54 -24.94	25.70 1.34 -10.37	28.44 1.31 -13.44	29.17 1.31 -14.63	29.58 1.67 -12.13	30.50 1.74 -12.02	34.84 1.25 -21.65	37.58 1.19 -25.41	40.39 1.84 -21.06	50.05 2.15 -29.25	58.79 2.66 -32.80	44.00 3.16 -12.91	35.76 3.05 -3.38	30.67 2.73 -2.41	28.63 2.70 -2.19	26.10 2.25 -1.96
BABYLON__69_KV_BK2 356345	26.83 1.22 -13.30	23.15 1.28 -9.86	19.18 1.04 -7.24	18.37 0.65 -10.67	18.98 0.49 -13.05	22.05 0.62 -15.68	25.34 0.79 -17.22	30.51 0.83 -22.26	31.24 0.64 -24.94	25.80 1.44 -10.37	28.62 1.50 -13.44	29.34 1.48 -14.63	29.83 1.88 -12.17	30.83 1.93 -12.16	35.26 1.38 -21.94	37.71 1.31 -25.42	40.70 2.15 -21.06	50.35 2.44 -29.25	59.20 3.08 -32.79	44.23 3.38 -12.91	35.99 3.28 -3.38	30.95 2.71 -2.72	28.65 2.73 -2.18	26.25 2.41 -1.96
BALL_HILL_WT_PWR 323825	15.27 0.18 -2.77	14.21 0.25 -1.96	13.21 0.28 -2.02	10.19 0.18 -2.97	9.10 0.16 -3.50	9.60 0.22 -3.63	11.62 0.25 -4.05	12.83 0.22 -5.18	11.86 0.18 -6.02	17.20 0.32 -2.89	17.53 0.23 -3.62	17.62 0.30 -4.08	19.61 0.46 -3.37	20.56 0.52 -3.30	17.81 0.39 -5.47	17.15 0.37 -5.79	23.80 0.60 -5.71	27.37 0.56 -8.15	31.75 0.75 -7.68	32.35 0.81 -3.60	30.81 0.70 -0.78	26.70 0.56 -0.61	24.55 0.31 -0.51	22.78 0.35 -0.55
BARON_WINDS____WT_PWR 323822	15.86 0.27 -3.28	14.62 0.30 -2.32	13.61 0.32 -2.39	10.76 0.20 -3.52	9.75 0.17 -4.14	10.25 0.21 -4.29	12.37 0.26 -4.78	13.82 0.27 -6.12	12.98 0.20 -7.11	17.85 0.45 -3.42	18.34 0.38 -4.28	18.44 0.38 -4.82	20.24 0.47 -3.99	21.18 0.54 -3.90	18.80 0.39 -6.47	18.20 0.37 -6.84	24.86 0.61 -6.75	28.95 0.65 -9.64	33.27 0.86 -9.08	33.17 0.98 -4.26	31.19 0.94 -0.92	27.02 0.77 -0.73	24.89 0.55 -0.60	23.05 0.52 -0.65
BARRETT_IC_1 23704	26.55 0.94 -13.31	22.79 0.92 -9.87	18.94 0.80 -7.24	18.23 0.51 -10.67	18.89 0.41 -13.04	21.86 0.43 -15.68	25.11 0.56 -17.23	30.22 0.53 -22.26	31.02 0.41 -24.94	25.49 1.13 -10.37	28.21 1.09 -13.44	28.97 1.11 -14.63	29.25 1.37 -12.10	30.10 1.44 -11.92	34.44 1.06 -21.44	37.36 0.97 -25.41	40.03 1.47 -21.06	49.62 1.72 -29.25	58.16 2.03 -32.80	43.31 2.46 -12.91	35.20 2.49 -3.38	29.95 2.22 -2.20	28.08 2.16 -2.18	25.62 1.77 -1.96
BARRETT_IC_10 23701	26.55 0.94 -13.31	22.79 0.92 -9.87	18.94 0.80 -7.24	18.23 0.51 -10.67	18.89 0.41 -13.04	21.86 0.43 -15.68	25.11 0.56 -17.23	30.22 0.53 -22.26	31.02 0.41 -24.94	25.49 1.13 -10.37	28.21 1.09 -13.44	28.97 1.11 -14.63	29.25 1.37 -12.10	30.10 1.44 -11.92	34.44 1.06 -21.44	37.36 0.97 -25.41	40.03 1.47 -21.06	49.62 1.72 -29.25	58.16 2.03 -32.80	43.31 2.46 -12.91	35.20 2.49 -3.38	29.95 2.22 -2.20	28.08 2.16 -2.18	25.62 1.77 -1.96
BARRETT_IC_11 23702	26.55 0.94 -13.31	22.79 0.92 -9.87	18.94 0.80 -7.24	18.23 0.51 -10.67	18.89 0.41 -13.04	21.86 0.43 -15.68	25.11 0.56 -17.23	30.22 0.53 -22.26	31.02 0.41 -24.94	25.49 1.13 -10.37	28.21 1.09 -13.44	28.97 1.11 -14.63	29.25 1.37 -12.10	30.10 1.44 -11.92	34.44 1.06 -21.44	37.36 0.97 -25.41	40.03 1.47 -21.06	49.62 1.72 -29.25	58.16 2.03 -32.80	43.31 2.46 -12.91	35.20 2.49 -3.38	29.95 2.22 -2.20	28.08 2.16 -2.18	25.62 1.77 -1.96
BARRETT_IC_12 23703	26.55 0.94 -13.31	22.79 0.92 -9.87	18.94 0.80 -7.24	18.23 0.51 -10.67	18.89 0.41 -13.04	21.86 0.43 -15.68	25.11 0.56 -17.23	30.22 0.53 -22.26	31.02 0.41 -24.94	25.49 1.13 -10.37	28.21 1.09 -13.44	28.97 1.11 -14.63	29.25 1.37 -12.10	30.10 1.44 -11.92	34.44 1.06 -21.44	37.36 0.97 -25.41	40.03 1.47 -21.06	49.62 1.72 -29.25	58.16 2.03 -32.80	43.31 2.46 -12.91	35.20 2.49 -3.38	29.95 2.22 -2.20	28.08 2.16 -2.18	25.62 1.77 -1.96
BARRETT_IC_2 23705	26.55 0.94 -13.31	22.79 0.92 -9.87	18.94 0.80 -7.24	18.23 0.51 -10.67	18.89 0.41 -13.04	21.86 0.43 -15.68	25.11 0.56 -17.23	30.22 0.53 -22.26	31.02 0.41 -24.94	25.49 1.13 -10.37	28.21 1.09 -13.44	28.97 1.11 -14.63	29.25 1.37 -12.10	30.10 1.44 -11.92	34.44 1.06 -21.44	37.36 0.97 -25.41	40.03 1.47 -21.06	49.62 1.72 -29.25	58.16 2.03 -32.80	43.31 2.46 -12.91	35.20 2.49 -3.38	29.95 2.22 -2.20	28.08 2.16 -2.18	25.62 1.77 -1.96
BARRETT_IC_3 23706	26.55 0.94 -13.31	22.79 0.92 -9.87	18.94 0.80 -7.24	18.23 0.51 -10.67	18.89 0.41 -13.04	21.86 0.43 -15.68	25.11 0.56 -17.23	30.22 0.53 -22.26	31.02 0.41 -24.94	25.49 1.13 -10.37	28.21 1.09 -13.44	28.97 1.11 -14.63	29.25 1.37 -12.10	30.10 1.44 -11.92	34.44 1.06 -21.44	37.36 0.97 -25.41	40.03 1.47 -21.06	49.62 1.72 -29.25	58.16 2.03 -32.80	43.31 2.46 -12.91	35.20 2.49 -3.38	29.95 2.22 -2.20	28.08 2.16 -2.18	25.62 1.77 -1.96
BARRETT_IC_4 23707	26.55 0.94 -13.31	22.79 0.92 -9.87	18.94 0.80 -7.24	18.23 0.51 -10.67	18.89 0.41 -13.04	21.86 0.43 -15.68	25.11 0.56 -17.23	30.22 0.53 -22.26	31.02 0.41 -24.94	25.49 1.13 -10.37	28.21 1.09 -13.44	28.97 1.11 -14.63	29.25 1.37 -12.10	30.10 1.44 -11.92	34.44 1.06 -21.44	37.36 0.97 -25.41	40.03 1.47 -21.06	49.62 1.72 -29.25	58.16 2.03 -32.80	43.31 2.46 -12.91	35.20 2.49 -3.38	29.95 2.22 -2.20	28.08 2.16 -2.18	25.62 1.77 -1.96
BARRETT_IC_5 23708	26.55 0.94 -13.31	22.79 0.92 -9.87	18.94 0.80 -7.24	18.23 0.51 -10.67	18.89 0.41 -13.04	21.86 0.43 -15.68	25.11 0.56 -17.23	30.22 0.53 -22.26	31.02 0.41 -24.94	25.49 1.13 -10.37	28.21 1.09 -13.44	28.97 1.11 -14.63	29.25 1.37 -12.10	30.10 1.44 -11.92	34.44 1.06 -21.44	37.36 0.97 -25.41	40.03 1.47 -21.06	49.62 1.72 -29.25	58.16 2.03 -32.80	43.31 2.46 -12.91	35.20 2.49 -3.38	29.95 2.22 -2.20	28.08 2.16 -2.18	25.62 1.77 -1.96
BARRETT_IC_6 23709	26.55 0.94 -13.31	22.79 0.92 -9.87	18.94 0.80 -7.24	18.23 0.51 -10.67	18.89 0.41 -13.04	21.86 0.43 -15.68	25.11 0.56 -17.23	30.22 0.53 -22.26	31.02 0.41 -24.94	25.49 1.13 -10.37	28.21 1.09 -13.44	28.97 1.11 -14.63	29.25 1.37 -12.10	30.10 1.44 -11.92	34.44 1.06 -21.44	37.36 0.97 -25.41	40.03 1.47 -21.06	49.62 1.72 -29.25	58.16 2.03 -32.80	43.31 2.46 -12.91	35.20 2.49 -3.38	29.95 2.22 -2.20	28.08 2.16 -2.18	25.62 1.77 -1.96

BARRETT_IC_7 23710	26.54 0.94 -13.30	22.79 0.92 -9.86	18.93 0.79 -7.24	18.22 0.51 -10.67	18.88 0.41 -13.03	21.85 0.43 -15.67	25.10 0.56 -17.22	30.23 0.54 -22.25	31.01 0.41 -24.94	25.49 1.13 -10.37	28.19 1.08 -13.43	28.96 1.10 -14.63	29.24 1.37 -12.09	30.09 1.44 -11.91	34.43 1.06 -21.43	37.35 0.97 -25.40	40.04 1.49 -21.06	49.61 1.70 -29.25	58.15 2.03 -32.79	43.28 2.43 -12.91	35.19 2.49 -3.37	29.87 2.14 -2.20	28.05 2.14 -2.18	25.60 1.75 -1.96
BARRETT_IC_8 23711	26.55 0.94 -13.31	22.79 0.92 -9.87	18.94 0.80 -7.24	18.23 0.51 -10.67	18.89 0.41 -13.04	21.86 0.43 -15.68	25.11 0.56 -17.23	30.22 0.53 -22.26	31.02 0.41 -24.94	25.49 1.13 -10.37	28.21 1.09 -13.44	28.97 1.11 -14.63	29.25 1.37 -12.10	30.10 1.44 -11.92	34.44 1.06 -21.44	37.36 0.97 -25.41	40.03 1.47 -21.06	49.62 1.72 -29.25	58.16 2.03 -32.80	43.31 2.46 -12.91	35.20 2.49 -3.38	29.95 2.22 -2.20	28.08 2.16 -2.18	25.62 1.77 -1.96
BARRETT_IC_9 23700	26.55 0.94 -13.31	22.79 0.92 -9.87	18.94 0.80 -7.24	18.23 0.51 -10.67	18.89 0.41 -13.04	21.86 0.43 -15.68	25.11 0.56 -17.23	30.22 0.53 -22.26	31.02 0.41 -24.94	25.49 1.13 -10.37	28.21 1.09 -13.44	28.97 1.11 -14.63	29.25 1.37 -12.10	30.10 1.44 -11.92	34.44 1.06 -21.44	37.36 0.97 -25.41	40.03 1.47 -21.06	49.62 1.72 -29.25	58.16 2.03 -32.80	43.31 2.46 -12.91	35.20 2.49 -3.38	29.95 2.22 -2.20	28.08 2.16 -2.18	25.62 1.77 -1.96
BARRETT___1 23545	26.55 0.94 -13.31	22.79 0.92 -9.87	18.94 0.80 -7.24	18.23 0.51 -10.67	18.89 0.41 -13.04	21.86 0.43 -15.68	25.11 0.56 -17.23	30.22 0.53 -22.26	31.02 0.41 -24.94	25.49 1.13 -10.37	28.21 1.09 -13.44	28.97 1.11 -14.63	29.25 1.37 -12.10	30.10 1.44 -11.92	34.44 1.06 -21.44	37.36 0.97 -25.41	40.03 1.47 -21.06	49.62 1.72 -29.25	58.16 2.03 -32.80	43.31 2.46 -12.91	35.20 2.49 -3.38	29.95 2.22 -2.20	28.08 2.16 -2.18	25.62 1.77 -1.96
BARRETT___2 23546	26.55 0.94 -13.31	22.79 0.92 -9.87	18.94 0.80 -7.24	18.23 0.51 -10.67	18.89 0.41 -13.04	21.86 0.43 -15.68	25.11 0.56 -17.23	30.22 0.53 -22.26	31.02 0.41 -24.94	25.49 1.13 -10.37	28.21 1.09 -13.44	28.97 1.11 -14.63	29.25 1.37 -12.10	30.10 1.44 -11.92	34.44 1.06 -21.44	37.36 0.97 -25.41	40.03 1.47 -21.06	49.62 1.72 -29.25	58.16 2.03 -32.80	43.31 2.46 -12.91	35.20 2.49 -3.38	29.95 2.22 -2.20	28.08 2.16 -2.18	25.62 1.77 -1.96
BATAVIA___115KV_TB1 55881	15.25 0.42 -2.53	14.24 0.46 -1.79	13.21 0.47 -1.84	10.06 0.30 -2.71	8.87 0.23 -3.19	9.35 0.29 -3.31	11.32 0.30 -3.69	12.42 0.27 -4.72	11.35 0.20 -5.49	16.97 0.35 -2.64	17.22 0.25 -3.30	17.22 0.26 -3.72	19.26 0.41 -3.07	20.22 0.47 -3.01	17.29 0.36 -4.99	16.60 0.34 -5.28	23.19 0.49 -5.21	26.60 0.50 -7.44	31.03 0.70 -7.00	32.03 0.81 -3.28	30.71 0.67 -0.71	26.62 0.54 -0.56	24.46 0.26 -0.47	22.73 0.35 -0.50
BAYONEEC___CTG1 323682	23.15 0.90 -9.94	19.88 0.85 -7.03	18.89 0.74 -7.25	18.19 0.48 -10.67	18.37 0.36 -12.56	19.15 0.39 -13.01	22.36 0.52 -14.52	26.54 0.53 -18.58	27.65 0.40 -21.59	25.48 1.12 -10.37	27.78 1.12 -12.98	29.07 1.19 -14.65	29.33 1.45 -12.09	30.07 1.49 -11.84	32.67 1.09 -19.64	32.75 0.99 -20.77	39.47 1.49 -20.49	49.71 1.79 -29.25	52.95 2.08 -27.55	43.34 2.49 -12.91	34.59 2.46 -2.80	29.95 2.22 -2.20	27.83 2.26 -1.84	25.64 1.79 -1.96
BAYONEEC___CTG10 323750	23.15 0.90 -9.94	19.88 0.85 -7.03	18.89 0.74 -7.25	18.19 0.48 -10.67	18.37 0.36 -12.56	19.15 0.39 -13.01	22.36 0.52 -14.52	26.54 0.53 -18.58	27.65 0.40 -21.59	25.48 1.12 -10.37	27.78 1.12 -12.98	29.07 1.19 -14.65	29.33 1.45 -12.09	30.07 1.49 -11.84	32.67 1.09 -19.64	32.75 0.99 -20.77	39.47 1.49 -20.49	49.71 1.79 -29.25	52.95 2.08 -27.55	43.34 2.49 -12.91	34.59 2.46 -2.80	29.95 2.22 -2.20	27.83 2.26 -1.84	25.64 1.79 -1.96
BAYONEEC___CTG2 323683	23.15 0.90 -9.94	19.88 0.85 -7.03	18.89 0.74 -7.25	18.19 0.48 -10.67	18.37 0.36 -12.56	19.15 0.39 -13.01	22.36 0.52 -14.52	26.54 0.53 -18.58	27.65 0.40 -21.59	25.48 1.12 -10.37	27.78 1.12 -12.98	29.07 1.19 -14.65	29.33 1.45 -12.09	30.07 1.49 -11.84	32.67 1.09 -19.64	32.75 0.99 -20.77	39.47 1.49 -20.49	49.71 1.79 -29.25	52.95 2.08 -27.55	43.34 2.49 -12.91	34.59 2.46 -2.80	29.95 2.22 -2.20	27.83 2.26 -1.84	25.64 1.79 -1.96
BAYONEEC___CTG3 323684	23.15 0.90 -9.94	19.88 0.85 -7.03	18.89 0.74 -7.25	18.19 0.48 -10.67	18.37 0.36 -12.56	19.15 0.39 -13.01	22.36 0.52 -14.52	26.54 0.53 -18.58	27.65 0.40 -21.59	25.48 1.12 -10.37	27.78 1.12 -12.98	29.07 1.19 -14.65	29.33 1.45 -12.09	30.07 1.49 -11.84	32.67 1.09 -19.64	32.75 0.99 -20.77	39.47 1.49 -20.49	49.71 1.79 -29.25	52.95 2.08 -27.55	43.34 2.49 -12.91	34.59 2.46 -2.80	29.95 2.22 -2.20	27.83 2.26 -1.84	25.64 1.79 -1.96
BAYONEEC___CTG4 323685	23.15 0.90 -9.94	19.88 0.85 -7.03	18.89 0.74 -7.25	18.19 0.48 -10.67	18.37 0.36 -12.56	19.15 0.39 -13.01	22.36 0.52 -14.52	26.54 0.53 -18.58	27.65 0.40 -21.59	25.48 1.12 -10.37	27.78 1.12 -12.98	29.07 1.19 -14.65	29.33 1.45 -12.09	30.07 1.49 -11.84	32.67 1.09 -19.64	32.75 0.99 -20.77	39.47 1.49 -20.49	49.71 1.79 -29.25	52.95 2.08 -27.55	43.34 2.49 -12.91	34.59 2.46 -2.80	29.95 2.22 -2.20	27.83 2.26 -1.84	25.64 1.79 -1.96
BAYONEEC___CTG5 323686	23.15 0.90 -9.94	19.88 0.85 -7.03	18.89 0.74 -7.25	18.19 0.48 -10.67	18.37 0.36 -12.56	19.15 0.39 -13.01	22.36 0.52 -14.52	26.54 0.53 -18.58	27.65 0.40 -21.59	25.48 1.12 -10.37	27.78 1.12 -12.98	29.07 1.19 -14.65	29.33 1.45 -12.09	30.07 1.49 -11.84	32.67 1.09 -19.64	32.75 0.99 -20.77	39.47 1.49 -20.49	49.71 1.79 -29.25	52.95 2.08 -27.55	43.34 2.49 -12.91	34.59 2.46 -2.80	29.95 2.22 -2.20	27.83 2.26 -1.84	25.64 1.79 -1.96
BAYONEEC___CTG6 323687	23.15 0.90 -9.94	19.88 0.85 -7.03	18.89 0.74 -7.25	18.19 0.48 -10.67	18.37 0.36 -12.56	19.15 0.39 -13.01	22.36 0.52 -14.52	26.54 0.53 -18.58	27.65 0.40 -21.59	25.48 1.12 -10.37	27.78 1.12 -12.98	29.07 1.19 -14.65	29.33 1.45 -12.09	30.07 1.49 -11.84	32.67 1.09 -19.64	32.75 0.99 -20.77	39.47 1.49 -20.49	49.71 1.79 -29.25	52.95 2.08 -27.55	43.34 2.49 -12.91	34.59 2.46 -2.80	29.95 2.22 -2.20	27.83 2.26 -1.84	25.64 1.79 -1.96
BAYONEEC___CTG7 323688	23.15 0.90 -9.94	19.88 0.85 -7.03	18.89 0.74 -7.25	18.19 0.48 -10.67	18.37 0.36 -12.56	19.15 0.39 -13.01	22.36 0.52 -14.52	26.54 0.53 -18.58	27.65 0.40 -21.59	25.48 1.12 -10.37	27.78 1.12 -12.98	29.07 1.19 -14.65	29.33 1.45 -12.09	30.07 1.49 -11.84	32.67 1.09 -19.64	32.75 0.99 -20.77	39.47 1.49 -20.49	49.71 1.79 -29.25	52.95 2.08 -27.55	43.34 2.49 -12.91	34.59 2.46 -2.80	29.95 2.22 -2.20	27.83 2.26 -1.84	25.64 1.79 -1.96
BAYONEEC___CTG8 323689	23.15 0.90 -9.94	19.88 0.85 -7.03	18.89 0.74 -7.25	18.19 0.48 -10.67	18.37 0.36 -12.56	19.15 0.39 -13.01	22.36 0.52 -14.52	26.54 0.53 -18.58	27.65 0.40 -21.59	25.48 1.12 -10.37	27.78 1.12 -12.98	29.07 1.19 -14.65	29.33 1.45 -12.09	30.07 1.49 -11.84	32.67 1.09 -19.64	32.75 0.99 -20.77	39.47 1.49 -20.49	49.71 1.79 -29.25	52.95 2.08 -27.55	43.34 2.49 -12.91	34.59 2.46 -2.80	29.95 2.22 -2.20	27.83 2.26 -1.84	25.64 1.79 -1.96

BAYONEEC___CTG9 323749	23.15 0.90 -9.94	19.88 0.85 -7.03	18.89 0.74 -7.25	18.19 0.48 -10.67	18.37 0.36 -12.56	19.15 0.39 -13.01	22.36 0.52 -14.52	26.54 0.53 -18.58	27.65 0.40 -21.59	25.48 1.12 -10.37	27.78 1.12 -12.98	29.07 1.19 -14.65	29.33 1.45 -12.09	30.07 1.49 -11.84	32.67 1.09 -19.64	32.75 0.99 -20.77	39.47 1.49 -20.49	49.71 1.79 -29.25	52.95 2.08 -27.55	43.34 2.49 -12.91	34.59 2.46 -2.80	29.95 2.22 -2.20	27.83 2.26 -1.84	25.64 1.79 -1.96
BEACON___LESR 323632	25.06 0.54 -12.21	21.14 0.52 -8.63	20.27 0.47 -8.90	20.44 0.30 -13.10	21.10 0.24 -15.42	21.99 0.26 -15.97	25.49 0.34 -17.82	30.57 0.33 -22.81	32.43 0.26 -26.50	27.32 0.60 -12.73	30.19 0.57 -15.93	31.77 0.57 -17.96	31.32 0.69 -14.85	32.02 0.74 -14.54	36.55 0.50 -24.11	36.97 0.48 -25.50	43.42 0.77 -25.16	55.54 0.97 -35.91	58.38 1.24 -33.82	45.22 1.42 -15.85	34.29 1.52 -3.43	29.53 1.30 -2.70	27.10 1.12 -2.25	25.30 1.01 -2.41
BEAVER RIVER___HYD 24048	12.99 -0.11 -0.79	12.43 -0.13 -0.56	11.37 -0.11 -0.58	7.82 -0.07 -0.85	5.94 -0.08 -0.57	5.89 -0.10 -0.24	7.49 -0.10 -0.27	7.89 -0.13 -0.58	7.28 -0.10 -1.71	13.90 -0.27 -0.18	13.87 -0.27 -0.47	13.65 -0.30 -0.72	16.33 -0.41 -0.96	15.88 -0.44 0.43	13.08 -0.30 -1.44	12.37 -0.26 -1.65	18.77 -0.35 -1.63	20.56 -0.43 -2.32	25.14 -0.37 -2.19	28.46 -0.50 -1.03	29.20 -0.35 -0.22	25.37 -0.33 -0.17	23.45 -0.43 -0.15	21.71 -0.33 -0.16
BEEBEE_GT_13 23619	15.00 0.34 -2.35	14.02 0.36 -1.66	12.99 0.37 -1.71	9.81 0.24 -2.52	8.60 0.19 -2.97	9.04 0.21 -3.08	11.03 0.27 -3.43	12.10 0.28 -4.39	10.97 0.20 -5.10	16.89 0.45 -2.45	17.14 0.40 -3.07	17.05 0.36 -3.46	19.13 0.49 -2.86	20.08 0.54 -2.80	16.97 0.39 -4.64	16.25 0.35 -4.91	22.85 0.51 -4.84	26.08 0.50 -6.92	30.50 0.65 -6.51	31.77 0.78 -3.05	30.63 0.65 -0.66	26.53 0.49 -0.52	24.48 0.31 -0.43	22.70 0.35 -0.46
BENSHRST_27_KV_BENSHRST_1 355998	23.33 1.08 -9.94	20.06 1.03 -7.03	19.03 0.88 -7.25	18.28 0.57 -10.67	18.43 0.43 -12.56	19.18 0.42 -13.01	22.38 0.53 -14.52	26.55 0.54 -18.58	27.67 0.42 -21.59	25.52 1.16 -10.37	27.85 1.19 -12.98	29.18 1.30 -14.65	29.42 1.55 -12.09	30.21 1.62 -11.84	32.77 1.19 -19.64	32.82 1.07 -20.77	39.54 1.56 -20.49	49.78 1.87 -29.25	53.09 2.22 -27.55	43.48 2.63 -12.91	34.79 2.67 -2.80	30.13 2.40 -2.20	28.07 2.49 -1.84	25.92 2.08 -1.96
BETHLEHEM___GRP 23843	24.90 0.37 -12.22	20.99 0.36 -8.63	20.14 0.33 -8.91	20.37 0.21 -13.11	21.05 0.17 -15.43	21.93 0.20 -15.99	25.40 0.24 -17.84	30.48 0.22 -22.83	32.36 0.17 -26.53	27.14 0.41 -12.74	30.00 0.37 -15.95	31.59 0.37 -17.98	31.10 0.46 -14.86	31.80 0.50 -14.55	36.42 0.35 -24.14	36.83 0.32 -25.52	43.18 0.51 -25.18	55.28 0.67 -35.95	58.02 0.84 -33.85	44.78 0.98 -15.87	33.82 1.06 -3.44	29.12 0.89 -2.70	26.77 0.78 -2.26	24.99 0.70 -2.41
BETHLEHEM___GS1 323560	24.90 0.37 -12.22	20.99 0.36 -8.63	20.14 0.33 -8.91	20.37 0.21 -13.11	21.05 0.17 -15.43	21.93 0.20 -15.99	25.40 0.24 -17.84	30.48 0.22 -22.83	32.36 0.17 -26.53	27.14 0.41 -12.74	30.01 0.38 -15.95	31.60 0.38 -17.98	31.10 0.46 -14.86	31.80 0.50 -14.55	36.42 0.35 -24.14	36.83 0.32 -25.52	43.18 0.51 -25.18	55.28 0.67 -35.95	58.02 0.84 -33.85	44.78 0.98 -15.87	33.82 1.05 -3.44	29.12 0.89 -2.70	26.77 0.78 -2.26	24.99 0.70 -2.41
BETHLEHEM___GS2 323561	24.90 0.37 -12.22	20.99 0.36 -8.63	20.14 0.33 -8.91	20.37 0.21 -13.11	21.05 0.17 -15.43	21.93 0.20 -15.99	25.40 0.24 -17.84	30.48 0.22 -22.83	32.36 0.17 -26.53	27.14 0.41 -12.74	30.01 0.38 -15.95	31.60 0.38 -17.98	31.10 0.46 -14.86	31.80 0.50 -14.55	36.42 0.35 -24.14	36.83 0.32 -25.52	43.18 0.51 -25.18	55.28 0.67 -35.95	58.02 0.84 -33.85	44.78 0.98 -15.87	33.82 1.05 -3.44	29.12 0.89 -2.70	26.77 0.78 -2.26	24.99 0.70 -2.41
BETHLEHEM___GS3 323562	24.90 0.37 -12.22	20.99 0.36 -8.63	20.14 0.33 -8.91	20.37 0.21 -13.11	21.05 0.17 -15.43	21.93 0.20 -15.99	25.40 0.24 -17.84	30.48 0.22 -22.83	32.36 0.17 -26.53	27.14 0.41 -12.74	30.01 0.38 -15.95	31.60 0.38 -17.98	31.10 0.46 -14.86	31.80 0.50 -14.55	36.42 0.35 -24.14	36.83 0.32 -25.52	43.18 0.51 -25.18	55.28 0.67 -35.95	58.02 0.84 -33.85	44.78 0.98 -15.87	33.82 1.05 -3.44	29.12 0.89 -2.70	26.77 0.78 -2.26	24.99 0.70 -2.41
BETHLEHEM___STEEL 23779	15.21 0.17 -2.73	14.17 0.24 -1.93	13.16 0.27 -1.99	10.14 0.17 -2.93	9.04 0.15 -3.44	9.53 0.21 -3.57	11.54 0.23 -3.98	12.73 0.21 -5.09	11.74 0.16 -5.92	17.10 0.27 -2.84	17.42 0.18 -3.56	17.50 0.25 -4.01	19.47 0.38 -3.32	20.42 0.44 -3.25	17.64 0.32 -5.38	17.00 0.32 -5.69	23.58 0.47 -5.62	27.13 0.45 -8.02	31.47 0.58 -7.55	32.15 0.67 -3.54	30.62 0.53 -0.77	26.59 0.46 -0.60	24.43 0.19 -0.50	22.68 0.26 -0.54
BETHLHEM_115KV_TB1 79974	24.91 0.39 -12.21	21.01 0.38 -8.63	20.15 0.35 -8.90	20.37 0.23 -13.10	21.04 0.18 -15.42	21.93 0.20 -15.98	25.40 0.25 -17.82	30.53 0.29 -22.81	32.39 0.22 -26.51	27.25 0.53 -12.74	30.14 0.52 -15.94	31.73 0.53 -17.97	31.26 0.63 -14.85	31.97 0.69 -14.54	36.54 0.49 -24.12	36.94 0.45 -25.50	43.37 0.72 -25.16	55.44 0.86 -35.92	58.23 1.07 -33.82	45.05 1.26 -15.86	34.08 1.32 -3.43	29.38 1.15 -2.70	27.03 1.04 -2.25	25.21 0.92 -2.41
BETHPAGE_CC_5 323564	26.72 1.11 -13.31	22.94 1.07 -9.87	19.06 0.92 -7.24	18.30 0.58 -10.67	18.95 0.46 -13.04	21.93 0.50 -15.68	25.20 0.65 -17.23	30.36 0.67 -22.26	31.13 0.52 -24.94	25.68 1.33 -10.37	28.41 1.29 -13.44	29.13 1.27 -14.63	29.47 1.58 -12.12	30.38 1.66 -11.98	34.70 1.19 -21.57	37.48 1.09 -25.41	40.24 1.68 -21.06	49.89 1.98 -29.25	58.53 2.40 -32.80	43.67 2.82 -12.91	35.53 2.82 -3.38	30.39 2.53 -2.33	28.41 2.49 -2.19	25.99 2.15 -1.96
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	15.19 0.14 -2.74	14.14 0.20 -1.94	13.15 0.25 -2.00	10.13 0.15 -2.94	9.05 0.14 -3.46	9.54 0.20 -3.59	11.55 0.22 -4.00	12.75 0.19 -5.12	11.77 0.15 -5.95	17.08 0.24 -2.86	17.42 0.16 -3.58	17.51 0.24 -4.04	19.48 0.36 -3.34	20.43 0.42 -3.27	17.67 0.31 -5.42	17.02 0.31 -5.73	23.62 0.47 -5.65	27.18 0.45 -8.07	31.49 0.56 -7.60	32.14 0.64 -3.56	30.63 0.53 -0.77	26.57 0.43 -0.61	24.41 0.17 -0.51	22.64 0.22 -0.54
BINGHAMTON___COGEN 23790	16.89 0.37 -4.21	15.36 0.38 -2.97	14.34 0.37 -3.07	11.79 0.23 -4.52	10.95 0.19 -5.32	11.46 0.21 -5.51	13.73 0.26 -6.14	15.57 0.28 -7.86	15.01 0.20 -9.14	18.88 0.50 -4.39	19.66 0.49 -5.49	19.90 0.48 -6.19	21.44 0.54 -5.12	22.34 0.59 -5.01	20.67 0.42 -8.31	20.15 0.37 -8.79	26.76 0.59 -8.67	31.70 0.65 -12.38	35.78 0.79 -11.66	34.32 0.92 -5.47	31.42 0.91 -1.18	27.22 0.77 -0.93	25.15 0.64 -0.78	23.26 0.55 -0.83
BIXINCNT_115KV_LOAD 355685	15.07 -0.06 -2.82	13.98 -0.01 -2.00	13.01 0.04 -2.06	10.09 0.02 -3.03	9.06 0.05 -3.57	9.55 0.10 -3.70	11.55 0.10 -4.12	12.83 0.13 -5.28	11.93 0.13 -6.13	17.04 0.11 -2.95	17.39 0.03 -3.69	17.60 0.21 -4.16	19.53 0.32 -3.43	20.44 0.33 -3.36	17.78 0.26 -5.58	17.14 0.25 -5.90	23.75 0.44 -5.82	27.44 0.47 -8.31	31.78 0.63 -7.82	32.33 0.73 -3.67	30.74 0.62 -0.79	26.66 0.51 -0.62	24.47 0.21 -0.52	22.66 0.22 -0.56

BLACK RIVER___HYD 24047	13.45 0.01 -1.13	12.77 -0.02 -0.80	11.74 0.01 -0.82	8.25 0.00 -1.21	6.56 -0.02 -1.13	6.64 -0.03 -0.93	8.35 -0.01 -1.04	8.88 -0.04 -1.49	8.09 -0.02 -2.45	14.64 -0.08 -0.73	14.65 -0.11 -1.08	14.44 -0.15 -1.35	16.90 -0.25 -1.37	16.87 -0.27 -0.40	13.89 -0.19 -2.14	13.19 -0.15 -2.36	19.66 -0.16 -2.33	21.81 -0.17 -3.32	26.41 -0.05 -3.13	29.24 -0.17 -1.47	29.59 -0.06 -0.32	25.65 -0.13 -0.25	23.71 -0.24 -0.21	21.93 -0.18 -0.22
BLACKRVR_115KV_TB2 79977	13.45 0.01 -1.13	12.77 -0.02 -0.80	11.74 0.01 -0.82	8.25 0.00 -1.21	6.56 -0.02 -1.13	6.64 -0.03 -0.93	8.35 -0.01 -1.04	8.88 -0.04 -1.49	8.09 -0.02 -2.45	14.64 -0.08 -0.73	14.67 -0.10 -1.08	14.44 -0.15 -1.35	16.90 -0.25 -1.37	16.87 -0.27 -0.40	13.89 -0.19 -2.14	13.19 -0.15 -2.36	19.66 -0.16 -2.33	21.81 -0.17 -3.32	26.39 -0.07 -3.13	29.23 -0.17 -1.47	29.59 -0.06 -0.32	25.65 -0.13 -0.25	23.71 -0.24 -0.21	21.93 -0.18 -0.22
BLISS_WT_PWR 323608	15.01 -0.12 -2.82	13.94 -0.06 -2.00	12.95 -0.01 -2.06	10.06 -0.01 -3.03	9.04 0.03 -3.57	9.53 0.08 -3.70	11.52 0.07 -4.12	12.80 0.10 -5.28	11.92 0.12 -6.13	17.02 0.08 -2.95	17.34 -0.03 -3.69	17.59 0.20 -4.16	19.53 0.32 -3.43	20.42 0.32 -3.36	17.75 0.24 -5.58	17.12 0.24 -5.90	23.73 0.42 -5.82	27.42 0.45 -8.31	31.78 0.63 -7.82	32.30 0.70 -3.67	30.74 0.62 -0.79	26.64 0.48 -0.62	24.47 0.21 -0.52	22.66 0.22 -0.56
BLUESTONE___WT_PWR 323821	17.45 0.82 -4.32	15.84 0.79 -3.05	14.83 0.77 -3.15	12.17 0.49 -4.64	11.27 0.37 -5.46	11.80 0.40 -5.65	14.17 0.53 -6.31	16.03 0.53 -8.07	15.46 0.42 -9.38	19.51 1.02 -4.51	20.32 1.00 -5.64	20.54 0.95 -6.36	22.11 1.07 -5.25	23.04 1.15 -5.15	21.28 0.81 -8.53	20.73 0.72 -9.02	27.62 1.22 -8.90	32.79 1.42 -12.71	37.19 1.89 -11.97	35.67 2.12 -5.61	32.77 2.23 -1.22	28.30 1.81 -0.96	26.10 1.57 -0.80	24.18 1.44 -0.85
BLUE_CIRC_CHEM_DRP 24182	24.80 0.49 -12.00	20.96 0.48 -8.48	20.09 0.45 -8.74	20.20 0.28 -12.88	20.82 0.22 -15.15	21.69 0.24 -15.70	25.15 0.31 -17.52	30.15 0.30 -22.42	31.95 0.23 -26.05	27.05 0.55 -12.52	29.86 0.52 -15.66	31.42 0.53 -17.66	31.00 0.63 -14.59	31.72 0.69 -14.29	36.10 0.47 -23.70	36.49 0.44 -25.06	42.92 0.70 -24.73	54.80 0.84 -35.30	57.64 1.07 -33.24	44.81 1.29 -15.58	34.05 1.35 -3.37	29.33 1.15 -2.65	26.97 1.02 -2.21	25.19 0.94 -2.37
BOC_GAS_DRP 24189	24.88 0.42 -12.15	21.01 0.42 -8.59	20.14 0.38 -8.86	20.34 0.25 -13.05	20.99 0.20 -15.35	21.86 0.21 -15.91	25.34 0.26 -17.75	30.40 0.26 -22.71	32.26 0.20 -26.39	27.16 0.49 -12.68	30.01 0.47 -15.87	31.61 0.49 -17.89	31.15 0.58 -14.79	31.84 0.62 -14.48	36.39 0.44 -24.01	36.79 0.41 -25.39	43.20 0.65 -25.06	55.21 0.78 -35.76	57.99 0.98 -33.68	44.90 1.17 -15.79	33.98 1.23 -3.42	29.29 1.07 -2.69	26.95 0.97 -2.24	25.14 0.85 -2.40
BOONVILLE_115KV_TB1 79983	13.14 0.20 -0.63	12.61 0.17 -0.44	11.54 0.17 -0.46	7.82 0.11 -0.68	6.22 0.07 -0.70	6.47 0.07 -0.65	8.16 0.11 -0.72	8.51 0.10 -0.98	7.12 0.08 -1.37	14.70 0.20 -0.51	14.55 0.18 -0.70	14.22 0.16 -0.83	16.69 0.14 -0.77	17.35 0.17 -0.45	13.27 0.12 -1.22	12.41 0.11 -1.31	19.02 0.23 -1.30	20.74 0.22 -1.85	25.45 0.37 -1.74	29.12 0.36 -0.82	30.03 0.53 -0.18	26.05 0.38 -0.14	24.09 0.24 -0.12	22.25 0.24 -0.12
BORALEX_4TH_BRANCH 23824	25.09 0.70 -12.08	21.23 0.70 -8.53	20.32 0.61 -8.80	20.39 0.39 -12.96	21.00 0.30 -15.25	21.90 0.35 -15.80	25.39 0.43 -17.63	30.43 0.44 -22.56	32.20 0.31 -26.22	27.30 0.71 -12.60	30.11 0.67 -15.76	31.68 0.67 -17.77	31.24 0.77 -14.69	31.96 0.84 -14.38	36.39 0.60 -23.86	36.77 0.56 -25.23	43.35 0.96 -24.89	55.39 1.19 -35.53	58.35 1.56 -33.46	45.47 1.84 -15.69	34.66 1.94 -3.40	29.91 1.71 -2.67	27.41 1.45 -2.23	25.56 1.29 -2.39
BOWLINE___1 23526	22.07 0.65 -9.11	19.07 0.64 -6.44	18.11 0.57 -6.64	17.20 0.38 -9.78	17.25 0.29 -11.51	17.97 0.29 -11.92	21.01 0.38 -13.30	24.84 0.39 -17.02	25.74 0.29 -19.78	24.27 0.78 -9.50	26.37 0.79 -11.89	27.49 0.85 -13.41	27.89 1.03 -11.08	28.67 1.07 -10.85	30.74 0.80 -18.00	30.76 0.74 -19.03	37.41 1.14 -18.78	46.83 1.36 -26.81	50.21 1.63 -25.24	41.67 1.90 -11.84	33.80 1.91 -2.56	29.23 1.68 -2.02	27.05 1.64 -1.68	24.99 1.31 -1.80
BOWLINE___2 23595	22.10 0.68 -9.11	19.09 0.65 -6.44	18.13 0.59 -6.64	17.21 0.39 -9.78	17.25 0.30 -11.51	17.98 0.30 -11.92	21.02 0.40 -13.30	24.86 0.40 -17.02	25.75 0.31 -19.78	24.30 0.81 -9.50	26.39 0.82 -11.89	27.50 0.86 -13.41	27.92 1.06 -11.08	28.70 1.10 -10.85	30.76 0.82 -18.00	30.78 0.76 -19.04	37.45 1.17 -18.78	46.87 1.40 -26.81	50.23 1.66 -25.24	41.73 1.95 -11.84	33.86 1.97 -2.56	29.25 1.71 -2.02	27.10 1.69 -1.68	25.04 1.36 -1.80
BRADY___115KV_TB2 356060	12.49 -0.14 -0.32	12.05 -0.18 -0.23	10.97 -0.16 -0.23	7.29 -0.10 -0.34	4.49 -0.13 0.83	3.62 -0.23 1.90	4.97 -0.26 2.10	5.14 -0.29 2.01	6.13 -0.23 -0.69	11.82 -0.63 1.53	11.86 -0.60 1.22	11.77 -0.64 0.83	15.40 -0.77 -0.39	12.34 -0.80 3.60	11.63 -0.58 -0.28	11.13 -0.53 -0.67	17.42 -0.73 -0.66	19.06 -0.54 -0.94	23.77 -0.44 -0.89	27.79 -0.56 -0.42	28.92 -0.50 -0.09	25.27 -0.33 -0.07	23.68 -0.12 -0.06	22.03 0.09 -0.06
BRANSCOMB___SOLAR 323811	25.52 0.62 -12.60	21.50 0.60 -8.90	20.62 0.53 -9.18	20.91 0.35 -13.52	21.62 0.27 -15.91	22.53 0.29 -16.48	26.09 0.37 -18.39	31.35 0.38 -23.54	33.32 0.31 -27.35	27.84 0.71 -13.14	30.79 0.67 -16.44	32.49 0.71 -18.54	31.91 0.80 -15.32	32.63 0.89 -15.01	37.40 0.57 -24.89	37.87 0.57 -26.32	44.37 0.91 -25.97	56.86 1.14 -37.06	59.70 1.47 -34.90	46.03 1.73 -16.36	34.69 1.82 -3.54	29.85 1.53 -2.79	27.39 1.33 -2.33	25.53 1.16 -2.49
BRENTWOD_69_KV_W. BRTWOOD 56703	26.76 1.14 -13.30	23.09 1.22 -9.86	19.14 0.99 -7.24	18.34 0.62 -10.67	18.93 0.44 -13.04	22.01 0.59 -15.68	25.29 0.75 -17.22	30.46 0.77 -22.26	31.21 0.61 -24.94	25.74 1.38 -10.37	28.55 1.44 -13.44	29.28 1.42 -14.63	29.64 1.72 -12.14	30.55 1.74 -12.06	35.01 1.24 -21.83	37.57 1.18 -25.41	40.51 1.96 -21.06	50.15 2.24 -29.25	58.95 2.82 -32.79	43.92 3.07 -12.91	35.70 2.99 -3.38	30.59 2.45 -2.61	28.48 2.56 -2.18	26.16 2.32 -1.96
BRISTLHL_115KV_TB1 79998	14.08 0.00 -1.78	13.27 0.01 -1.25	12.21 0.01 -1.29	8.96 0.01 -1.91	7.70 0.01 -2.24	8.09 0.02 -2.32	9.94 0.02 -2.59	10.79 0.04 -3.32	9.54 0.02 -3.85	15.91 0.07 -1.85	16.08 0.08 -2.32	15.89 0.04 -2.61	17.94 0.00 -2.16	18.86 0.00 -2.11	15.43 -0.01 -3.51	14.67 -0.02 -3.71	21.12 -0.03 -3.66	23.72 -0.17 -5.22	27.99 -0.26 -4.92	29.91 -0.34 -2.31	29.45 -0.38 -0.50	25.56 -0.36 -0.39	23.71 -0.36 -0.33	21.90 -0.33 -0.35
BROOKHAVEN___DRP 24191	26.81 1.16 -13.34	23.33 1.46 -9.86	19.09 0.94 -7.24	18.38 0.63 -10.71	19.12 0.52 -13.16	22.36 0.89 -15.71	25.73 1.15 -17.26	30.89 1.17 -22.29	31.43 0.83 -24.94	25.42 1.06 -10.37	28.53 1.38 -13.47	29.15 1.28 -14.63	31.13 2.76 -12.59	33.03 2.80 -13.49	38.56 1.81 -24.80	38.38 1.87 -25.52	41.30 2.75 -21.06	50.93 3.02 -29.25	60.02 3.90 -32.79	44.81 3.97 -12.91	36.14 3.40 -3.41	33.89 2.73 -5.63	28.64 2.68 -2.22	25.92 2.08 -1.96

BROOKLYN_NAVY_YARD 23515	23.17 0.92 -9.94	19.90 0.88 -7.03	18.91 0.76 -7.25	18.21 0.49 -10.67	18.37 0.37 -12.56	19.15 0.39 -13.01	22.38 0.53 -14.52	26.55 0.54 -18.58	27.67 0.42 -21.59	25.50 1.15 -10.37	27.81 1.15 -12.98	29.11 1.23 -14.65	29.36 1.48 -12.09	30.11 1.52 -11.84	32.70 1.12 -19.64	32.78 1.02 -20.77	39.53 1.54 -20.49	49.76 1.85 -29.25	53.05 2.17 -27.55	43.42 2.57 -12.91	34.68 2.55 -2.80	30.03 2.30 -2.20	27.88 2.30 -1.84	25.68 1.84 -1.96
BROOKLYN___ARMY_DRP 323595	23.29 1.03 -9.94	20.01 0.98 -7.03	19.00 0.85 -7.25	18.26 0.55 -10.67	18.41 0.41 -12.56	19.16 0.40 -13.01	22.35 0.51 -14.52	26.52 0.51 -18.58	27.65 0.40 -21.59	25.46 1.10 -10.37	27.79 1.14 -12.98	29.13 1.24 -14.65	29.34 1.47 -12.09	30.13 1.54 -11.84	32.71 1.13 -19.64	32.77 1.01 -20.77	39.46 1.47 -20.49	49.69 1.77 -29.25	52.98 2.10 -27.55	43.34 2.49 -12.91	34.65 2.52 -2.80	30.00 2.27 -2.20	27.98 2.40 -1.84	25.86 2.01 -1.96
BROOKVLE_69_KV_TB1 55790	26.70 1.10 -13.30	22.92 1.06 -9.86	19.04 0.89 -7.24	18.29 0.58 -10.67	18.94 0.47 -13.03	21.91 0.49 -15.67	25.18 0.64 -17.22	30.34 0.65 -22.25	31.11 0.51 -24.94	25.67 1.31 -10.37	28.45 1.34 -13.43	29.19 1.32 -14.63	29.53 1.66 -12.09	30.42 1.76 -11.92	34.69 1.29 -21.46	37.56 1.18 -25.40	40.39 1.84 -21.06	50.02 2.11 -29.25	58.71 2.59 -32.79	43.78 2.93 -12.91	35.75 3.05 -3.37	30.36 2.60 -2.23	28.47 2.56 -2.18	25.92 2.08 -1.96
BROOME_2_LFGE 323671	16.89 0.37 -4.21	15.36 0.38 -2.97	14.34 0.37 -3.07	11.79 0.23 -4.52	10.95 0.19 -5.32	11.46 0.21 -5.51	13.73 0.26 -6.14	15.57 0.28 -7.86	15.01 0.20 -9.14	18.88 0.50 -4.39	19.65 0.48 -5.49	19.90 0.48 -6.19	21.44 0.54 -5.12	22.34 0.59 -5.01	20.67 0.42 -8.31	20.15 0.37 -8.79	26.76 0.60 -8.67	31.68 0.63 -12.38	35.78 0.79 -11.66	34.32 0.92 -5.47	31.42 0.91 -1.18	27.22 0.77 -0.93	25.15 0.64 -0.78	23.26 0.55 -0.83
BROOME___LFGE 323600	16.89 0.37 -4.21	15.36 0.38 -2.97	14.34 0.37 -3.07	11.79 0.23 -4.52	10.95 0.19 -5.32	11.46 0.21 -5.51	13.73 0.26 -6.14	15.57 0.28 -7.86	15.01 0.20 -9.14	18.88 0.50 -4.39	19.65 0.48 -5.49	19.90 0.48 -6.19	21.44 0.54 -5.12	22.34 0.59 -5.01	20.67 0.42 -8.31	20.15 0.37 -8.79	26.76 0.60 -8.67	31.68 0.63 -12.38	35.78 0.79 -11.66	34.32 0.92 -5.47	31.42 0.91 -1.18	27.22 0.77 -0.93	25.15 0.64 -0.78	23.26 0.55 -0.83
BROWNFLS_115KV_TB_3_5 80003	12.56 -0.31 -0.56	12.07 -0.32 -0.40	11.02 -0.29 -0.41	7.46 -0.19 -0.60	5.16 -0.17 0.11	4.71 -0.24 0.80	6.17 -0.28 0.88	6.46 -0.30 0.67	6.65 -0.24 -1.22	12.72 -0.62 0.65	12.73 -0.60 0.35	12.58 -0.62 0.03	15.69 -0.77 -0.68	13.98 -0.80 1.96	12.24 -0.57 -0.88	11.64 -0.52 -1.18	17.88 -0.78 -1.16	19.53 -0.84 -1.66	24.05 -1.03 -1.56	27.63 -1.03 -0.73	28.55 -0.94 -0.16	24.89 -0.77 -0.12	23.17 -0.66 -0.10	21.51 -0.48 -0.11
BROWNSV1_27_KV_LOAD 356125	23.25 1.00 -9.94	19.97 0.95 -7.03	18.97 0.82 -7.25	18.24 0.53 -10.67	18.41 0.40 -12.56	19.19 0.43 -13.01	22.41 0.57 -14.52	26.59 0.58 -18.58	27.70 0.45 -21.59	25.59 1.23 -10.37	27.89 1.23 -12.98	29.21 1.32 -14.65	29.47 1.59 -12.09	30.23 1.64 -11.84	32.79 1.21 -19.64	32.86 1.10 -20.77	39.65 1.66 -20.49	49.89 1.98 -29.25	53.21 2.33 -27.55	43.62 2.77 -12.91	34.85 2.73 -2.80	30.15 2.43 -2.20	28.02 2.44 -1.84	25.81 1.97 -1.96
BURROWS___LYONSDAL 23803	13.11 0.14 -0.66	12.57 0.11 -0.47	11.50 0.12 -0.48	7.82 0.07 -0.71	6.16 0.04 -0.68	6.35 0.03 -0.57	8.02 0.07 -0.63	8.38 0.05 -0.90	7.15 0.05 -1.43	14.53 0.10 -0.45	14.43 0.10 -0.65	14.10 0.07 -0.81	16.62 0.03 -0.80	17.05 0.03 -0.27	13.23 0.04 -1.26	12.40 0.03 -1.38	18.96 0.10 -1.36	20.68 0.07 -1.94	25.37 0.21 -1.83	28.96 0.17 -0.86	29.87 0.35 -0.19	25.93 0.26 -0.15	23.95 0.09 -0.12	22.12 0.11 -0.13
CAITHNESS_CC_1 323624	26.86 1.21 -13.35	23.19 1.32 -9.87	19.12 0.97 -7.24	18.41 0.66 -10.71	19.12 0.51 -13.16	22.35 0.87 -15.72	25.76 1.16 -17.27	30.88 1.14 -22.30	31.41 0.80 -24.94	25.64 1.29 -10.37	28.60 1.44 -13.48	29.23 1.36 -14.63	31.06 2.68 -12.60	32.99 2.75 -13.50	38.52 1.77 -24.82	38.36 1.84 -25.53	41.44 2.89 -21.06	51.15 3.25 -29.25	59.84 3.71 -32.80	46.41 5.56 -12.91	37.35 4.60 -3.42	35.94 4.77 -5.64	30.50 4.53 -2.23	27.08 3.24 -1.96
CALPINE BETH_PAGE_GT4 24209	26.72 1.11 -13.30	22.93 1.07 -9.86	19.04 0.89 -7.24	18.29 0.58 -10.67	18.94 0.47 -13.03	21.92 0.49 -15.67	25.20 0.65 -17.22	30.35 0.67 -22.25	31.12 0.52 -24.94	25.66 1.30 -10.37	28.43 1.31 -13.43	29.11 1.24 -14.63	29.45 1.58 -12.10	30.33 1.66 -11.93	34.63 1.21 -21.48	37.47 1.09 -25.40	40.25 1.70 -21.06	49.87 1.96 -29.25	58.53 2.40 -32.79	43.56 2.71 -12.91	35.55 2.84 -3.37	30.23 2.45 -2.25	28.45 2.54 -2.18	25.95 2.10 -1.96
CALPINE_BETH_PAGE_GT_4 323586	26.72 1.11 -13.31	22.94 1.07 -9.87	19.06 0.92 -7.24	18.30 0.58 -10.67	18.95 0.47 -13.04	21.93 0.49 -15.68	25.20 0.65 -17.23	30.36 0.67 -22.26	31.12 0.52 -24.94	25.68 1.33 -10.37	28.43 1.31 -13.44	29.13 1.27 -14.63	29.46 1.58 -12.10	30.34 1.66 -11.94	34.64 1.21 -21.49	37.49 1.10 -25.41	40.25 1.70 -21.06	49.91 2.00 -29.25	58.53 2.40 -32.80	43.70 2.85 -12.91	35.52 2.82 -3.38	30.31 2.53 -2.25	28.39 2.47 -2.18	25.99 2.15 -1.96
CALPINE_BP_GT1 23823	26.72 1.11 -13.31	22.94 1.07 -9.87	19.06 0.92 -7.24	18.30 0.58 -10.67	18.95 0.47 -13.04	21.93 0.49 -15.68	25.20 0.65 -17.23	30.36 0.67 -22.26	31.12 0.52 -24.94	25.68 1.33 -10.37	28.43 1.31 -13.44	29.13 1.27 -14.63	29.46 1.58 -12.10	30.34 1.66 -11.94	34.64 1.21 -21.49	37.49 1.10 -25.41	40.25 1.70 -21.06	49.91 2.00 -29.25	58.53 2.40 -32.80	43.70 2.85 -12.91	35.52 2.82 -3.38	30.31 2.53 -2.25	28.39 2.47 -2.18	25.99 2.15 -1.96
CALSPAN___DRP 24200	15.21 0.17 -2.73	14.17 0.24 -1.93	13.16 0.27 -1.99	10.14 0.17 -2.93	9.04 0.15 -3.44	9.53 0.21 -3.57	11.54 0.23 -3.98	12.73 0.21 -5.09	11.74 0.16 -5.92	17.10 0.27 -2.84	17.42 0.18 -3.56	17.50 0.25 -4.01	19.47 0.38 -3.32	20.42 0.44 -3.25	17.64 0.32 -5.38	17.00 0.32 -5.69	23.58 0.47 -5.62	27.13 0.45 -8.02	31.47 0.58 -7.55	32.15 0.67 -3.54	30.62 0.53 -0.77	26.59 0.46 -0.60	24.43 0.19 -0.50	22.68 0.26 -0.54
CALVERTON___SOLAR 323806	26.90 1.24 -13.35	23.23 1.36 -9.87	19.15 1.00 -7.24	18.43 0.68 -10.71	19.14 0.53 -13.16	22.38 0.91 -15.72	25.80 1.21 -17.27	30.93 1.20 -22.30	31.44 0.83 -24.94	25.70 1.34 -10.37	28.64 1.48 -13.48	29.28 1.42 -14.63	31.16 2.78 -12.60	33.10 2.86 -13.50	38.60 1.85 -24.81	38.46 1.94 -25.53	41.58 3.03 -21.06	51.30 3.40 -29.25	60.00 3.87 -32.80	46.69 5.84 -12.91	37.59 4.84 -3.42	36.16 5.00 -5.63	30.69 4.72 -2.23	27.21 3.37 -1.96
CANDIGU_WT_PWR 323617	15.86 0.27 -3.28	14.62 0.30 -2.32	13.61 0.32 -2.39	10.76 0.20 -3.52	9.75 0.17 -4.14	10.25 0.21 -4.29	12.37 0.26 -4.78	13.82 0.27 -6.12	12.98 0.20 -7.11	17.85 0.45 -3.42	18.34 0.38 -4.28	18.44 0.38 -4.82	20.24 0.47 -3.99	21.18 0.54 -3.90	18.80 0.39 -6.47	18.20 0.37 -6.84	24.86 0.61 -6.75	28.95 0.65 -9.64	33.27 0.86 -9.08	33.17 0.98 -4.26	31.19 0.94 -0.92	27.02 0.77 -0.73	24.89 0.55 -0.60	23.05 0.52 -0.65

CARR STREET_E_SYR 24060	14.49 0.14 -2.04	13.59 0.14 -1.44	12.53 0.14 -1.49	9.33 0.09 -2.19	8.10 0.08 -2.58	8.51 0.09 -2.67	10.42 0.11 -2.98	11.37 0.12 -3.82	10.19 0.09 -4.44	16.34 0.22 -2.13	16.58 0.23 -2.67	16.44 0.20 -3.01	18.47 0.20 -2.49	19.39 0.22 -2.43	16.12 0.14 -4.04	15.38 0.12 -4.27	21.90 0.19 -4.21	24.73 0.06 -6.01	28.97 -0.02 -5.66	30.51 -0.08 -2.65	29.79 -0.12 -0.57	25.90 -0.08 -0.45	24.07 -0.05 -0.38	22.24 -0.04 -0.40
CARTHAGE___PAPER 23857	13.21 -0.10 -1.00	12.58 -0.12 -0.70	11.53 -0.10 -0.73	8.05 -0.06 -1.07	6.29 -0.07 -0.92	6.32 -0.09 -0.66	7.98 -0.09 -0.74	8.46 -0.11 -1.14	7.75 -0.08 -2.17	14.27 -0.24 -0.52	14.26 -0.26 -0.85	14.05 -0.29 -1.11	16.58 -0.41 -1.21	16.39 -0.44 -0.08	13.51 -0.30 -1.87	12.80 -0.26 -2.08	19.23 -0.31 -2.06	21.24 -0.36 -2.93	25.81 -0.28 -2.76	28.81 -0.42 -1.30	29.34 -0.26 -0.28	25.47 -0.28 -0.22	23.54 -0.38 -0.18	21.77 -0.31 -0.20
CASSADAGA_WT_PWR 323784	15.19 0.06 -2.82	14.12 0.13 -1.99	13.14 0.19 -2.05	10.17 0.11 -3.03	9.12 0.12 -3.56	9.63 0.19 -3.69	11.68 0.23 -4.12	12.95 0.25 -5.27	11.99 0.20 -6.12	17.36 0.43 -2.94	17.73 0.37 -3.68	17.84 0.46 -4.15	19.89 0.68 -3.43	20.90 0.80 -3.36	18.10 0.60 -5.57	17.44 0.57 -5.89	24.26 0.96 -5.81	27.96 1.01 -8.29	32.47 1.33 -7.81	33.08 1.48 -3.66	31.50 1.38 -0.79	27.27 1.12 -0.62	25.02 0.76 -0.52	23.14 0.70 -0.56
CE_DUNWOOD___DRP 24194	23.05 0.81 -9.93	19.80 0.78 -7.02	18.82 0.68 -7.24	18.14 0.44 -10.66	18.32 0.34 -12.54	19.10 0.36 -12.99	22.30 0.48 -14.50	26.47 0.48 -18.55	27.59 0.37 -21.56	25.34 0.99 -10.36	27.64 1.00 -12.96	28.90 1.06 -14.61	29.13 1.28 -12.08	29.91 1.34 -11.83	32.53 0.98 -19.61	32.63 0.90 -20.74	39.34 1.38 -20.46	49.50 1.62 -29.21	52.80 1.96 -27.50	43.12 2.29 -12.90	34.41 2.29 -2.79	29.74 2.02 -2.20	27.56 1.99 -1.83	25.44 1.60 -1.96
CE_MILLWOOD___DRP 24193	22.97 0.79 -9.87	19.73 0.76 -6.98	18.76 0.67 -7.20	18.07 0.43 -10.60	18.25 0.33 -12.47	19.02 0.35 -12.92	22.20 0.46 -14.41	26.35 0.47 -18.45	27.46 0.36 -21.43	25.25 0.97 -10.30	27.52 0.96 -12.89	28.78 1.02 -14.53	29.02 1.23 -12.01	29.79 1.29 -11.76	32.38 0.94 -19.50	32.48 0.87 -20.62	39.17 1.33 -20.35	49.30 1.59 -29.05	52.59 1.91 -27.35	42.97 2.21 -12.82	34.33 2.23 -2.78	29.68 1.97 -2.18	27.48 1.92 -1.82	25.38 1.55 -1.95
CE_NYC2_DRP 24202	23.20 0.95 -9.94	19.93 0.90 -7.03	18.94 0.79 -7.25	18.23 0.51 -10.67	18.38 0.38 -12.56	19.14 0.37 -13.01	22.32 0.48 -14.52	26.49 0.48 -18.58	27.63 0.37 -21.59	25.41 1.05 -10.37	27.74 1.08 -12.98	29.05 1.16 -14.65	29.26 1.39 -12.09	30.04 1.46 -11.84	32.64 1.06 -19.64	32.71 0.96 -20.77	39.39 1.40 -20.49	49.60 1.68 -29.25	52.86 1.98 -27.55	43.20 2.35 -12.91	34.44 2.32 -2.80	29.90 2.17 -2.20	27.83 2.25 -1.84	25.71 1.86 -1.96
CE_NYC_DRP 24195	23.17 0.92 -9.94	19.90 0.88 -7.03	18.91 0.76 -7.25	18.21 0.49 -10.67	18.38 0.38 -12.56	19.16 0.40 -13.01	22.37 0.53 -14.52	26.55 0.54 -18.58	27.67 0.41 -21.59	25.50 1.15 -10.37	27.81 1.15 -12.98	29.11 1.23 -14.65	29.36 1.48 -12.09	30.11 1.52 -11.84	32.70 1.12 -19.64	32.78 1.02 -20.77	39.53 1.54 -20.49	49.74 1.83 -29.25	53.02 2.15 -27.55	43.39 2.54 -12.91	34.65 2.52 -2.80	29.97 2.25 -2.20	27.86 2.28 -1.84	25.68 1.84 -1.96
CHAFFEE___LFGE 323603	15.23 0.15 -2.77	14.18 0.22 -1.96	13.18 0.25 -2.02	10.17 0.15 -2.98	9.09 0.14 -3.50	9.58 0.20 -3.63	11.60 0.22 -4.05	12.80 0.19 -5.18	11.85 0.16 -6.02	17.13 0.25 -2.89	17.45 0.15 -3.62	17.55 0.24 -4.08	19.52 0.36 -3.38	20.47 0.42 -3.31	17.74 0.32 -5.48	17.09 0.31 -5.80	23.68 0.47 -5.72	27.27 0.45 -8.16	31.60 0.58 -7.69	32.15 0.61 -3.60	30.61 0.50 -0.78	26.53 0.38 -0.61	24.39 0.14 -0.51	22.65 0.22 -0.55
CHATEAUG_35_KV_LOAD 355732	11.69 -0.62 0.00	11.35 -0.65 0.00	10.24 -0.67 0.00	6.61 -0.44 0.00	3.56 -0.33 1.56	2.45 -0.39 2.92	3.61 -0.48 3.23	3.67 -0.48 3.28	5.32 -0.35 0.00	10.71 -0.92 2.35	10.69 -0.93 2.06	10.72 -0.87 1.64	14.82 -0.96 0.00	10.73 -1.00 5.01	10.78 -0.72 0.44	10.35 -0.64 0.00	16.60 -0.89 0.00	17.90 -0.77 0.00	22.63 -0.70 0.00	27.35 -0.59 0.00	28.83 -0.50 0.00	25.25 -0.28 0.00	23.57 -0.17 0.00	21.88 0.00 0.00
CHATEAUG_WT_PWR 323614	11.71 -0.60 0.00	11.36 -0.64 0.00	10.24 -0.67 0.00	6.60 -0.44 0.00	3.53 -0.33 1.59	2.38 -0.39 2.98	3.54 -0.48 3.30	3.60 -0.48 3.35	5.32 -0.35 0.00	10.66 -0.92 2.40	10.64 -0.93 2.10	10.67 -0.89 1.67	14.83 -0.95 0.00	10.63 -0.99 5.12	10.77 -0.72 0.45	10.36 -0.63 0.00	16.60 -0.89 0.00	17.91 -0.75 0.00	22.65 -0.68 0.00	27.38 -0.56 0.00	28.86 -0.47 0.00	25.27 -0.26 0.00	23.59 -0.14 0.00	21.90 0.02 0.00
CHAT_HIGH_FALL_HYD 323578	11.69 -0.62 0.00	11.35 -0.65 0.00	10.24 -0.67 0.00	6.61 -0.44 0.00	3.56 -0.33 1.56	2.44 -0.39 2.92	3.61 -0.48 3.23	3.67 -0.48 3.28	5.32 -0.35 0.00	10.71 -0.92 2.35	10.69 -0.93 2.06	10.72 -0.87 1.64	14.82 -0.96 0.00	10.73 -1.00 5.01	10.78 -0.72 0.44	10.35 -0.64 0.00	16.60 -0.89 0.00	17.91 -0.75 0.00	22.63 -0.70 0.00	27.35 -0.59 0.00	28.83 -0.50 0.00	25.25 -0.28 0.00	23.57 -0.16 0.00	21.88 0.00 0.00
CHAUTAUQUA___LFGE 323629	15.30 0.20 -2.79	14.24 0.26 -1.97	13.23 0.29 -2.03	10.22 0.18 -3.00	9.14 0.17 -3.53	9.64 0.24 -3.65	11.68 0.28 -4.08	12.92 0.27 -5.22	11.94 0.22 -6.06	17.32 0.42 -2.91	17.66 0.34 -3.64	17.76 0.42 -4.11	19.79 0.61 -3.40	20.77 0.70 -3.33	17.96 0.51 -5.51	17.31 0.49 -5.83	24.03 0.79 -5.75	27.66 0.78 -8.21	32.12 1.05 -7.73	32.71 1.15 -3.63	31.17 1.05 -0.79	27.01 0.87 -0.62	24.80 0.55 -0.52	22.98 0.55 -0.55
CHERRYST_13_KV_LD 356241	23.21 0.96 -9.94	19.94 0.91 -7.03	18.94 0.79 -7.25	18.22 0.51 -10.67	18.39 0.39 -12.56	19.17 0.41 -13.01	22.39 0.55 -14.52	26.57 0.56 -18.58	27.68 0.43 -21.59	25.55 1.19 -10.37	27.85 1.19 -12.98	29.15 1.27 -14.65	29.40 1.53 -12.09	30.18 1.59 -11.84	32.74 1.16 -19.64	32.81 1.05 -20.77	39.58 1.59 -20.49	49.80 1.88 -29.25	53.12 2.24 -27.55	43.48 2.63 -12.91	34.74 2.61 -2.80	30.05 2.32 -2.20	27.93 2.35 -1.84	25.73 1.88 -1.96
CHESTROR_138KV_BK263 355645	21.82 0.66 -8.84	18.88 0.64 -6.25	17.92 0.57 -6.45	16.91 0.37 -9.49	16.90 0.28 -11.17	17.62 0.29 -11.57	20.62 0.38 -12.91	24.34 0.39 -16.52	25.16 0.29 -19.20	23.98 0.77 -9.22	25.99 0.77 -11.54	27.06 0.81 -13.02	27.53 0.99 -10.76	28.31 1.04 -10.53	30.17 0.76 -17.47	30.16 0.70 -18.47	36.82 1.10 -18.23	45.99 1.31 -26.02	49.42 1.59 -24.50	41.27 1.84 -11.49	33.69 1.88 -2.49	29.12 1.63 -1.96	26.93 1.57 -1.63	24.92 1.29 -1.75
CH_MIDHUDSON___DRP 24192	23.09 0.75 -10.03	19.81 0.72 -7.09	18.85 0.63 -7.31	18.21 0.41 -10.76	18.43 0.32 -12.67	19.20 0.33 -13.12	22.40 0.43 -14.64	26.60 0.43 -18.74	27.77 0.33 -21.77	25.30 0.85 -10.46	27.62 0.85 -13.09	28.89 0.90 -14.76	29.07 1.09 -12.20	29.84 1.16 -11.95	32.60 0.85 -19.81	32.72 0.78 -20.95	39.39 1.22 -20.67	49.62 1.46 -29.51	52.91 1.80 -27.78	43.06 2.10 -13.03	34.26 2.11 -2.82	29.58 1.84 -2.22	27.37 1.78 -1.85	25.33 1.47 -1.98

CH_MISC_IPPS 23765	22.91 0.80 -9.81	19.69 0.76 -6.93	18.72 0.67 -7.15	18.01 0.44 -10.53	18.17 0.34 -12.39	18.93 0.35 -12.83	22.09 0.45 -14.32	26.21 0.45 -18.32	27.30 0.35 -21.29	25.10 0.88 -10.23	27.37 0.89 -12.80	28.61 0.94 -14.43	28.86 1.15 -11.93	29.63 1.21 -11.68	32.19 0.88 -19.37	32.30 0.82 -20.49	39.00 1.29 -20.21	49.06 1.55 -28.85	52.39 1.89 -27.17	42.88 2.21 -12.74	34.35 2.26 -2.76	29.64 1.94 -2.17	27.42 1.87 -1.81	25.35 1.53 -1.94
CH_RES_BVR_FALLS 23983	11.77 -0.54 0.00	11.45 -0.55 0.00	10.39 -0.51 0.00	6.70 -0.34 0.00	1.85 -0.27 3.32	-0.74 -0.26 6.23	0.09 -0.34 6.90	0.09 -0.34 7.00	5.41 -0.25 0.00	8.36 -0.62 5.01	8.68 -0.60 4.39	9.17 -0.57 3.49	15.09 -0.69 0.00	5.30 -0.75 10.69	10.47 -0.52 0.95	10.53 -0.45 0.00	16.86 -0.63 0.00	18.12 -0.54 0.00	22.77 -0.56 0.00	27.38 -0.56 0.00	28.83 -0.50 0.00	25.17 -0.36 0.00	23.43 -0.31 0.00	21.62 -0.26 0.00
CH_RES_NIAGARA 23895	14.96 0.04 -2.61	13.99 0.14 -1.85	12.99 0.19 -1.91	9.99 0.14 -2.81	8.87 0.13 -3.30	9.35 0.18 -3.42	11.28 0.14 -3.82	12.34 0.04 -4.87	11.36 0.03 -5.66	16.66 -0.06 -2.73	16.94 -0.15 -3.41	16.97 -0.11 -3.84	18.91 -0.05 -3.18	19.85 0.00 -3.11	17.10 0.01 -5.15	16.48 0.04 -5.45	22.81 -0.05 -5.37	26.19 -0.17 -7.69	30.39 -0.19 -7.24	31.11 -0.22 -3.40	29.68 -0.38 -0.74	25.75 -0.36 -0.58	23.72 -0.50 -0.48	22.18 -0.22 -0.52
CH_RES_SYRACUSE 23985	14.74 0.25 -2.18	13.79 0.25 -1.54	12.73 0.24 -1.59	9.53 0.15 -2.34	8.33 0.13 -2.76	8.74 0.14 -2.86	10.69 0.18 -3.19	11.72 0.21 -4.08	10.56 0.15 -4.74	16.65 0.39 -2.28	16.92 0.40 -2.85	16.80 0.36 -3.21	18.81 0.38 -2.65	19.71 0.37 -2.60	16.50 0.25 -4.31	15.75 0.21 -4.56	22.32 0.33 -4.50	25.34 0.26 -6.42	29.68 0.30 -6.05	31.08 0.31 -2.83	30.24 0.29 -0.61	26.24 0.23 -0.48	24.31 0.17 -0.40	22.47 0.15 -0.43
CLINTON_WT_PWR 323605	11.71 -0.60 0.00	11.36 -0.64 0.00	10.24 -0.67 0.00	6.60 -0.44 0.00	3.53 -0.33 1.59	2.38 -0.39 2.98	3.54 -0.48 3.30	3.60 -0.48 3.35	5.32 -0.35 0.00	10.66 -0.92 2.40	10.64 -0.93 2.10	10.67 -0.89 1.67	14.83 -0.95 0.00	10.63 -0.99 5.12	10.77 -0.72 0.45	10.36 -0.63 0.00	16.60 -0.89 0.00	17.91 -0.75 0.00	22.65 -0.68 0.00	27.38 -0.56 0.00	28.86 -0.47 0.00	25.27 -0.26 0.00	23.59 -0.14 0.00	21.90 0.02 0.00
CLINTON__LFGE 323618	11.82 -0.49 0.00	11.47 -0.53 0.00	10.33 -0.58 0.00	6.67 -0.37 0.00	3.59 -0.27 1.58	2.44 -0.34 2.97	3.63 -0.41 3.29	3.69 -0.41 3.33	5.38 -0.28 0.00	10.82 -0.78 2.39	10.79 -0.79 2.09	10.80 -0.77 1.66	14.96 -0.82 0.00	10.83 -0.82 5.09	10.88 -0.61 0.45	10.47 -0.52 0.00	16.78 -0.72 0.00	18.12 -0.54 0.00	22.93 -0.40 0.00	27.71 -0.22 0.00	29.18 -0.15 0.00	25.55 0.03 0.00	23.83 0.10 0.00	22.12 0.24 0.00
COBBLENY_34_KV_TB1 80064	15.23 0.15 -2.77	14.18 0.22 -1.96	13.19 0.26 -2.02	10.18 0.15 -2.98	9.09 0.14 -3.50	9.58 0.20 -3.63	11.60 0.23 -4.05	12.82 0.20 -5.18	11.84 0.15 -6.02	17.13 0.25 -2.89	17.47 0.16 -3.62	17.55 0.24 -4.08	19.52 0.36 -3.38	20.47 0.42 -3.31	17.74 0.32 -5.48	17.09 0.31 -5.80	23.68 0.47 -5.72	27.27 0.45 -8.16	31.60 0.58 -7.69	32.21 0.67 -3.60	30.64 0.53 -0.78	26.58 0.43 -0.61	24.41 0.17 -0.51	22.65 0.22 -0.55
COFFEEN__115KV_TB3 355620	13.53 0.07 -1.15	12.86 0.05 -0.81	11.82 0.08 -0.84	8.32 0.04 -1.24	6.62 0.01 -1.17	6.72 0.00 -0.97	8.46 0.04 -1.09	8.99 0.01 -1.55	8.18 0.01 -2.50	14.74 -0.01 -0.77	14.78 -0.03 -1.13	14.54 -0.09 -1.40	16.99 -0.19 -1.40	17.01 -0.18 -0.45	14.00 -0.13 -2.19	13.29 -0.10 -2.41	19.81 -0.05 -2.37	22.01 -0.04 -3.39	26.64 0.12 -3.19	29.46 0.03 -1.50	29.80 0.15 -0.32	25.83 0.05 -0.25	23.85 -0.09 -0.21	22.07 -0.04 -0.23
COLDSPRG_115KV_BK1 355956	15.37 0.20 -2.86	14.27 0.25 -2.02	13.28 0.29 -2.09	10.29 0.18 -3.07	9.22 0.16 -3.62	9.74 0.24 -3.75	11.80 0.29 -4.18	13.09 0.31 -5.35	12.12 0.24 -6.21	17.46 0.49 -2.99	17.84 0.42 -3.74	17.95 0.50 -4.21	19.97 0.71 -3.48	20.95 0.80 -3.41	18.19 0.60 -5.65	17.51 0.55 -5.98	24.34 0.94 -5.90	28.07 0.99 -8.42	32.57 1.31 -7.93	33.13 1.48 -3.72	31.51 1.38 -0.81	27.31 1.15 -0.63	25.02 0.76 -0.53	23.13 0.68 -0.57
COLONIE_LFGE__ 323577	25.28 0.54 -12.43	21.31 0.53 -8.79	20.45 0.48 -9.06	20.69 0.30 -13.35	21.39 0.24 -15.71	22.29 0.26 -16.27	25.81 0.33 -18.16	31.00 0.33 -23.23	32.92 0.26 -27.00	27.56 0.60 -12.97	30.49 0.57 -16.23	32.13 0.60 -18.30	31.60 0.69 -15.13	32.31 0.75 -14.81	37.02 0.51 -24.57	37.46 0.49 -25.98	43.93 0.81 -25.63	56.24 0.99 -36.59	59.04 1.26 -34.45	45.57 1.48 -16.15	34.38 1.55 -3.50	29.61 1.33 -2.75	27.19 1.16 -2.30	25.37 1.03 -2.46
COOPERNY_115KV_TB1 80082	19.88 0.54 -7.03	17.49 0.53 -4.97	16.51 0.48 -5.12	14.90 0.32 -7.54	14.56 0.24 -8.88	15.19 0.25 -9.20	17.91 0.32 -10.26	20.89 0.33 -13.13	21.17 0.25 -15.26	21.97 0.66 -7.33	23.50 0.64 -9.17	24.25 0.67 -10.34	25.15 0.82 -8.55	25.97 0.85 -8.37	26.45 0.63 -13.88	26.25 0.58 -14.68	32.89 0.91 -14.49	40.40 1.06 -20.68	44.08 1.28 -19.47	38.57 1.51 -9.13	32.83 1.53 -1.98	28.41 1.33 -1.56	26.31 1.28 -1.30	24.32 1.05 -1.39
COPENHAGEN_WT_PWR 323753	13.50 0.00 -1.19	12.82 -0.02 -0.84	11.78 0.01 -0.87	8.32 0.00 -1.28	6.67 -0.02 -1.24	6.78 -0.03 -1.06	8.51 0.00 -1.18	9.06 -0.03 -1.66	8.24 -0.02 -2.59	14.75 -0.07 -0.84	14.80 -0.08 -1.20	14.57 -0.13 -1.47	16.99 -0.24 -1.45	17.06 -0.23 -0.55	14.05 -0.17 -2.28	13.32 -0.15 -2.49	19.79 -0.16 -2.46	22.00 -0.17 -3.51	26.54 -0.09 -3.30	29.29 -0.19 -1.55	29.55 -0.12 -0.34	25.64 -0.15 -0.26	23.69 -0.26 -0.22	21.94 -0.18 -0.24
CORNELL____ 23752	16.12 0.52 -3.29	14.84 0.52 -2.33	13.78 0.48 -2.40	10.89 0.31 -3.54	9.85 0.25 -4.16	10.33 0.27 -4.31	12.49 0.35 -4.81	13.97 0.38 -6.15	13.09 0.28 -7.15	18.11 0.69 -3.44	18.64 0.66 -4.30	18.68 0.60 -4.85	20.45 0.66 -4.01	21.37 0.70 -3.92	18.93 0.49 -6.51	18.32 0.45 -6.88	25.04 0.75 -6.79	29.17 0.82 -9.69	33.51 1.05 -9.13	33.42 1.20 -4.28	31.46 1.20 -0.93	27.25 1.00 -0.73	25.15 0.81 -0.61	23.25 0.72 -0.65
CORONAAV_69_KV_TB1 355595	26.64 1.03 -13.30	22.86 1.00 -9.86	19.00 0.85 -7.24	18.26 0.55 -10.67	18.92 0.44 -13.03	21.88 0.46 -15.67	25.14 0.60 -17.22	30.29 0.61 -22.25	31.07 0.46 -24.94	25.59 1.23 -10.37	28.36 1.24 -13.43	29.11 1.24 -14.63	29.43 1.56 -12.09	30.30 1.64 -11.91	34.58 1.21 -21.44	37.49 1.11 -25.40	40.26 1.71 -21.06	49.87 1.96 -29.25	58.53 2.40 -32.79	43.61 2.77 -12.91	35.57 2.87 -3.37	30.19 2.45 -2.21	28.31 2.40 -2.18	25.79 1.95 -1.96
CORTLAND_115KV_TB3 80093	15.52 0.39 -2.81	14.37 0.38 -1.99	13.32 0.37 -2.05	10.29 0.23 -3.02	9.18 0.19 -3.55	9.64 0.21 -3.68	11.69 0.26 -4.11	12.97 0.28 -5.25	11.98 0.21 -6.11	17.44 0.52 -2.93	17.86 0.51 -3.67	17.83 0.46 -4.14	19.72 0.52 -3.42	20.64 0.55 -3.35	17.89 0.39 -5.56	17.21 0.35 -5.88	23.87 0.58 -5.80	27.53 0.60 -8.27	31.87 0.75 -7.79	32.46 0.87 -3.65	30.97 0.85 -0.79	26.84 0.69 -0.62	24.82 0.57 -0.52	22.94 0.50 -0.56

COXSACKIE___GT 23611	24.53 0.70 -11.52	20.78 0.64 -8.14	19.87 0.57 -8.40	19.78 0.37 -12.37	20.29 0.29 -14.55	21.13 0.30 -15.08	24.53 0.38 -16.82	29.29 0.33 -21.53	30.94 0.26 -25.02	26.54 0.53 -12.02	29.18 0.47 -15.04	30.67 0.48 -16.96	30.39 0.60 -14.02	31.12 0.65 -13.72	35.14 0.44 -22.76	35.54 0.48 -24.07	42.08 0.84 -23.75	53.70 1.14 -33.90	56.77 1.52 -31.92	44.64 1.73 -14.97	34.42 1.85 -3.24	29.56 1.48 -2.55	27.12 1.26 -2.13	25.34 1.18 -2.28
CPV_VALLEY___CC1 323721	21.15 0.62 -8.23	18.41 0.60 -5.81	17.44 0.53 -6.00	16.23 0.35 -8.83	16.11 0.27 -10.39	16.80 0.28 -10.77	19.70 0.36 -12.01	23.18 0.37 -15.38	23.81 0.28 -17.87	23.31 0.74 -8.58	25.16 0.74 -10.74	26.11 0.77 -12.11	26.74 0.95 -10.01	27.53 0.99 -9.80	28.92 0.73 -16.26	28.85 0.67 -17.19	35.49 1.03 -16.96	44.10 1.23 -24.21	47.62 1.49 -22.80	40.39 1.76 -10.69	33.40 1.76 -2.31	28.88 1.53 -1.82	26.75 1.50 -1.52	24.71 1.20 -1.63
CPV_VALLEY___CC2 323722	21.15 0.62 -8.23	18.41 0.60 -5.81	17.44 0.53 -6.00	16.23 0.35 -8.83	16.11 0.27 -10.39	16.80 0.28 -10.77	19.70 0.36 -12.01	23.18 0.37 -15.38	23.81 0.28 -17.87	23.31 0.74 -8.58	25.16 0.74 -10.74	26.11 0.77 -12.11	26.74 0.95 -10.01	27.53 0.99 -9.80	28.92 0.73 -16.26	28.85 0.67 -17.19	35.49 1.03 -16.96	44.10 1.23 -24.21	47.62 1.49 -22.80	40.39 1.76 -10.69	33.40 1.76 -2.31	28.88 1.53 -1.82	26.75 1.50 -1.52	24.71 1.20 -1.63
CRESCENT___HYD 24018	25.28 0.54 -12.43	21.31 0.53 -8.79	20.45 0.48 -9.06	20.69 0.30 -13.35	21.39 0.24 -15.71	22.29 0.26 -16.27	25.81 0.33 -18.16	31.00 0.33 -23.23	32.92 0.26 -27.00	27.56 0.60 -12.97	30.49 0.57 -16.23	32.13 0.60 -18.30	31.60 0.69 -15.13	32.31 0.75 -14.81	37.02 0.51 -24.57	37.46 0.49 -25.98	43.93 0.81 -25.63	56.24 0.99 -36.59	59.04 1.26 -34.45	45.57 1.48 -16.15	34.38 1.55 -3.50	29.61 1.33 -2.75	27.19 1.16 -2.30	25.37 1.03 -2.46
CRICKET___VALLEY_CC1 323756	23.38 0.65 -10.42	20.00 0.64 -7.36	19.05 0.56 -7.59	18.59 0.36 -11.18	18.88 0.28 -13.16	19.69 0.30 -13.63	22.93 0.39 -15.21	27.30 0.39 -19.47	28.58 0.29 -22.62	25.60 0.74 -10.87	28.02 0.74 -13.60	29.34 0.77 -15.34	29.37 0.91 -12.67	30.12 0.97 -12.41	33.23 0.70 -20.58	33.40 0.65 -21.77	40.00 1.03 -21.48	50.59 1.27 -30.66	53.78 1.59 -28.87	43.34 1.87 -13.53	34.16 1.91 -2.93	29.52 1.68 -2.31	27.22 1.57 -1.92	25.23 1.29 -2.06
CRICKET___VALLEY_CC2 323757	23.38 0.65 -10.42	20.00 0.64 -7.36	19.05 0.56 -7.59	18.59 0.36 -11.18	18.88 0.28 -13.16	19.69 0.30 -13.63	22.93 0.39 -15.21	27.30 0.39 -19.47	28.58 0.29 -22.62	25.60 0.74 -10.87	28.02 0.74 -13.60	29.34 0.77 -15.34	29.37 0.91 -12.67	30.12 0.97 -12.41	33.23 0.70 -20.58	33.40 0.65 -21.77	40.00 1.03 -21.48	50.59 1.27 -30.66	53.78 1.59 -28.87	43.34 1.87 -13.53	34.16 1.91 -2.93	29.52 1.68 -2.31	27.22 1.57 -1.92	25.23 1.29 -2.06
CRICKET___VALLEY_CC3 323758	23.38 0.65 -10.42	20.00 0.64 -7.36	19.05 0.56 -7.59	18.59 0.36 -11.18	18.88 0.28 -13.16	19.69 0.30 -13.63	22.93 0.39 -15.21	27.30 0.39 -19.47	28.58 0.29 -22.62	25.60 0.74 -10.87	28.02 0.74 -13.60	29.34 0.77 -15.34	29.37 0.91 -12.67	30.12 0.97 -12.41	33.23 0.70 -20.58	33.40 0.65 -21.77	40.00 1.03 -21.48	50.59 1.27 -30.66	53.78 1.59 -28.87	43.34 1.87 -13.53	34.16 1.91 -2.93	29.52 1.68 -2.31	27.22 1.57 -1.92	25.23 1.29 -2.06
CRUCIBLE_METL_DRP 24180	14.74 0.25 -2.18	13.79 0.25 -1.54	12.73 0.24 -1.59	9.53 0.15 -2.34	8.33 0.13 -2.76	8.74 0.14 -2.86	10.69 0.18 -3.19	11.72 0.21 -4.08	10.56 0.15 -4.74	16.65 0.39 -2.28	16.92 0.40 -2.85	16.80 0.36 -3.21	18.81 0.38 -2.65	19.71 0.37 -2.60	16.50 0.25 -4.31	15.75 0.21 -4.56	22.32 0.33 -4.50	25.36 0.28 -6.42	29.68 0.30 -6.05	31.11 0.34 -2.83	30.24 0.29 -0.61	26.24 0.23 -0.48	24.30 0.17 -0.40	22.47 0.15 -0.43
DAHOWA___HYDRO 323763	25.57 0.64 -12.62	21.53 0.61 -8.92	20.65 0.54 -9.20	20.94 0.35 -13.55	21.66 0.27 -15.94	22.57 0.30 -16.52	26.13 0.38 -18.43	31.41 0.39 -23.58	33.39 0.32 -27.41	27.91 0.75 -13.17	30.85 0.70 -16.48	32.55 0.74 -18.58	31.97 0.84 -15.35	32.70 0.92 -15.04	37.46 0.58 -24.94	37.95 0.59 -26.37	44.46 0.94 -26.02	56.98 1.18 -37.14	59.82 1.52 -34.97	46.12 1.79 -16.40	34.76 1.88 -3.55	29.90 1.58 -2.79	27.42 1.35 -2.33	25.56 1.18 -2.49
DANC___LFGE 323619	13.73 0.00 -1.42	12.99 -0.01 -1.00	11.95 0.01 -1.03	8.56 0.00 -1.52	7.04 -0.01 -1.61	7.25 -0.01 -1.51	9.02 0.01 -1.69	9.68 -0.01 -2.27	8.74 -0.01 -3.08	15.16 -0.03 -1.20	15.25 -0.04 -1.61	15.05 -0.08 -1.90	17.35 -0.16 -1.72	17.68 -0.17 -1.10	14.57 -0.12 -2.75	13.83 -0.12 -2.96	20.28 -0.14 -2.92	22.63 -0.20 -4.17	27.07 -0.19 -3.93	29.47 -0.31 -1.84	29.46 -0.26 -0.40	25.59 -0.26 -0.31	23.69 -0.31 -0.26	21.92 -0.24 -0.28
DANSKAMMER___1 23586	22.91 0.80 -9.81	19.69 0.76 -6.93	18.72 0.67 -7.15	18.01 0.44 -10.53	18.17 0.34 -12.39	18.93 0.35 -12.83	22.09 0.45 -14.32	26.21 0.45 -18.32	27.30 0.35 -21.29	25.10 0.88 -10.23	27.37 0.89 -12.80	28.61 0.94 -14.43	28.86 1.15 -11.93	29.63 1.21 -11.68	32.19 0.88 -19.37	32.30 0.82 -20.49	39.00 1.29 -20.21	49.06 1.55 -28.85	52.39 1.89 -27.17	42.88 2.21 -12.74	34.35 2.26 -2.76	29.64 1.94 -2.17	27.42 1.87 -1.81	25.35 1.53 -1.94
DANSKAMMER___2 23589	22.91 0.80 -9.81	19.69 0.76 -6.93	18.72 0.67 -7.15	18.01 0.44 -10.53	18.17 0.34 -12.39	18.93 0.35 -12.83	22.09 0.45 -14.32	26.21 0.45 -18.32	27.30 0.35 -21.29	25.10 0.88 -10.23	27.37 0.89 -12.80	28.61 0.94 -14.43	28.86 1.15 -11.93	29.63 1.21 -11.68	32.19 0.88 -19.37	32.30 0.82 -20.49	39.00 1.29 -20.21	49.06 1.55 -28.85	52.39 1.89 -27.17	42.88 2.21 -12.74	34.35 2.26 -2.76	29.64 1.94 -2.17	27.42 1.87 -1.81	25.35 1.53 -1.94
DANSKAMMER___3 23590	22.91 0.80 -9.81	19.69 0.76 -6.93	18.72 0.67 -7.15	18.01 0.44 -10.53	18.17 0.34 -12.39	18.93 0.35 -12.83	22.09 0.45 -14.32	26.21 0.45 -18.32	27.30 0.35 -21.29	25.10 0.88 -10.23	27.37 0.89 -12.80	28.61 0.94 -14.43	28.86 1.15 -11.93	29.63 1.21 -11.68	32.19 0.88 -19.37	32.30 0.82 -20.49	39.00 1.29 -20.21	49.06 1.55 -28.85	52.39 1.89 -27.17	42.88 2.21 -12.74	34.35 2.26 -2.76	29.64 1.94 -2.17	27.42 1.87 -1.81	25.35 1.53 -1.94
DANSKAMMER___4 23591	22.91 0.80 -9.81	19.69 0.76 -6.93	18.72 0.67 -7.15	18.01 0.44 -10.53	18.17 0.34 -12.39	18.93 0.35 -12.83	22.09 0.45 -14.32	26.21 0.45 -18.32	27.30 0.35 -21.29	25.10 0.88 -10.23	27.37 0.89 -12.80	28.61 0.94 -14.43	28.86 1.15 -11.93	29.63 1.21 -11.68	32.19 0.88 -19.37	32.30 0.82 -20.49	39.00 1.29 -20.21	49.06 1.55 -28.85	52.39 1.89 -27.17	42.88 2.21 -12.74	34.35 2.26 -2.76	29.64 1.94 -2.17	27.42 1.87 -1.81	25.35 1.53 -1.94
DANSKAMMER___DIESEL 23592	22.92 0.80 -9.81	19.69 0.76 -6.93	18.72 0.67 -7.15	18.00 0.44 -10.53	18.17 0.34 -12.39	18.93 0.35 -12.83	22.09 0.45 -14.32	26.20 0.45 -18.32	27.30 0.35 -21.29	25.10 0.88 -10.23	27.36 0.88 -12.80	28.59 0.93 -14.43	28.86 1.15 -11.93	29.63 1.21 -11.68	32.19 0.88 -19.37	32.30 0.82 -20.49	39.00 1.29 -20.21	49.06 1.55 -28.85	52.39 1.89 -27.17	42.85 2.18 -12.74	34.32 2.23 -2.76	29.64 1.94 -2.17	27.40 1.85 -1.81	25.35 1.53 -1.94

DARBY___SOLAR 323810	25.53 0.63 -12.60	21.50 0.60 -8.90	20.62 0.53 -9.18	20.91 0.35 -13.52	21.62 0.27 -15.91	22.54 0.30 -16.49	26.09 0.37 -18.39	31.36 0.39 -23.54	33.34 0.32 -27.35	27.87 0.74 -13.14	30.82 0.70 -16.45	32.50 0.73 -18.54	31.94 0.84 -15.32	32.65 0.90 -15.01	37.41 0.58 -24.89	37.89 0.58 -26.32	44.41 0.94 -25.97	56.89 1.16 -37.07	59.70 1.47 -34.90	46.03 1.73 -16.36	34.69 1.82 -3.54	29.85 1.53 -2.79	27.39 1.33 -2.33	25.53 1.16 -2.49
DASHVILLE___HYD 23610	22.97 0.55 -10.10	19.67 0.53 -7.14	18.73 0.46 -7.36	18.19 0.30 -10.84	18.43 0.23 -12.76	19.20 0.22 -13.22	22.38 0.30 -14.75	26.62 0.30 -18.88	27.83 0.23 -21.94	25.14 0.62 -10.54	27.48 0.62 -13.19	28.78 0.67 -14.87	28.91 0.84 -12.29	29.66 0.89 -12.03	32.55 0.66 -19.96	32.70 0.60 -21.11	39.26 0.94 -20.83	49.58 1.19 -29.73	52.74 1.42 -27.99	42.71 1.65 -13.12	33.84 1.67 -2.84	29.22 1.46 -2.24	27.05 1.45 -1.86	25.01 1.14 -2.00
DEERFIELD_69_KV_DEERFIELD LD 355887	27.06 1.42 -13.34	23.59 1.73 -9.86	19.30 1.16 -7.24	18.52 0.77 -10.71	19.24 0.64 -13.16	22.49 1.02 -15.71	25.90 1.32 -17.26	31.08 1.35 -22.29	31.58 0.97 -24.94	25.73 1.37 -10.37	28.88 1.72 -13.47	29.48 1.61 -14.63	31.56 3.19 -12.59	33.51 3.28 -13.49	38.91 2.17 -24.80	38.73 2.22 -25.52	41.89 3.34 -21.06	51.58 3.68 -29.25	60.88 4.76 -32.79	45.76 4.92 -12.91	37.02 4.28 -3.41	34.58 3.42 -5.63	29.20 3.25 -2.22	26.40 2.56 -1.96
DELAWARE___LFGE 323621	17.73 0.52 -4.90	15.97 0.50 -3.47	14.97 0.49 -3.57	12.62 0.32 -5.26	11.88 0.24 -6.19	12.41 0.24 -6.42	14.81 0.32 -7.16	16.92 0.32 -9.16	16.57 0.25 -10.65	19.75 0.64 -5.12	20.71 0.63 -6.40	21.09 0.64 -7.22	22.49 0.74 -5.97	23.39 0.80 -5.84	22.20 0.57 -9.69	21.75 0.52 -10.25	28.43 0.82 -10.11	34.03 0.93 -14.43	38.09 1.17 -13.59	35.68 1.37 -6.37	32.15 1.44 -1.38	27.81 1.20 -1.09	25.73 1.09 -0.91	23.79 0.94 -0.97
DERFIELD_115KV_TB7 355931	12.61 0.06 -0.24	12.23 0.06 -0.17	11.13 0.05 -0.17	7.33 0.04 -0.25	5.86 0.02 -0.39	6.27 0.03 -0.49	7.91 0.04 -0.54	8.11 0.04 -0.64	6.20 0.03 -0.51	14.45 0.07 -0.39	14.18 0.07 -0.43	13.75 0.07 -0.45	16.14 0.08 -0.29	17.42 0.08 -0.59	12.49 0.06 -0.49	11.53 0.05 -0.49	18.07 0.09 -0.48	19.47 0.11 -0.69	24.12 0.14 -0.65	28.41 0.17 -0.31	29.57 0.18 -0.07	25.73 0.15 -0.05	23.90 0.12 -0.04	22.04 0.11 -0.05
DOGLEVILLE___HYD 23807	13.04 0.49 -0.24	12.63 0.47 -0.17	11.50 0.42 -0.17	7.56 0.27 -0.25	6.03 0.20 -0.39	6.45 0.21 -0.49	8.15 0.28 -0.54	8.34 0.27 -0.64	6.38 0.20 -0.51	14.85 0.48 -0.39	14.55 0.44 -0.43	14.05 0.37 -0.45	16.48 0.41 -0.29	17.78 0.45 -0.59	12.75 0.32 -0.49	11.77 0.30 -0.49	18.47 0.49 -0.48	19.91 0.56 -0.69	24.73 0.75 -0.65	29.16 0.92 -0.31	30.48 1.09 -0.07	26.57 0.99 -0.05	24.73 0.95 -0.04	22.85 0.92 -0.05
DUNKIRK___115KV_TB_200 55889	15.32 0.22 -2.79	14.26 0.29 -1.97	13.25 0.32 -2.03	10.23 0.20 -2.99	9.14 0.17 -3.52	9.64 0.24 -3.65	11.68 0.29 -4.07	12.92 0.28 -5.21	11.93 0.22 -6.05	17.30 0.41 -2.91	17.66 0.34 -3.64	17.75 0.41 -4.10	19.76 0.58 -3.39	20.73 0.67 -3.32	17.95 0.50 -5.51	17.28 0.47 -5.83	23.99 0.75 -5.75	27.63 0.77 -8.21	32.04 0.98 -7.73	32.70 1.15 -3.62	31.14 1.03 -0.78	26.99 0.84 -0.62	24.77 0.52 -0.51	22.98 0.55 -0.55
DUNKIRK___1 23563	15.32 0.22 -2.79	14.26 0.29 -1.97	13.25 0.32 -2.03	10.23 0.20 -2.99	9.14 0.17 -3.52	9.64 0.24 -3.65	11.68 0.29 -4.07	12.92 0.28 -5.21	11.93 0.22 -6.05	17.30 0.41 -2.91	17.66 0.34 -3.64	17.75 0.41 -4.10	19.76 0.58 -3.39	20.73 0.67 -3.32	17.95 0.50 -5.51	17.28 0.47 -5.83	23.99 0.75 -5.75	27.63 0.77 -8.21	32.04 0.98 -7.73	32.70 1.15 -3.62	31.14 1.03 -0.78	26.99 0.84 -0.62	24.77 0.52 -0.51	22.98 0.55 -0.55
DUNKIRK___2 23564	15.32 0.22 -2.79	14.26 0.29 -1.97	13.25 0.32 -2.03	10.23 0.20 -2.99	9.14 0.17 -3.52	9.64 0.24 -3.65	11.68 0.29 -4.07	12.92 0.28 -5.21	11.93 0.22 -6.05	17.30 0.41 -2.91	17.66 0.34 -3.64	17.75 0.41 -4.10	19.76 0.58 -3.39	20.73 0.67 -3.32	17.95 0.50 -5.51	17.28 0.47 -5.83	23.99 0.75 -5.75	27.63 0.77 -8.21	32.04 0.98 -7.73	32.70 1.15 -3.62	31.14 1.03 -0.78	26.99 0.84 -0.62	24.77 0.52 -0.51	22.98 0.55 -0.55
DUNKIRK___3 23565	15.30 0.20 -2.79	14.24 0.26 -1.97	13.23 0.29 -2.03	10.22 0.18 -2.99	9.13 0.16 -3.52	9.63 0.22 -3.65	11.66 0.26 -4.07	12.89 0.25 -5.21	11.92 0.19 -6.06	17.25 0.35 -2.91	17.61 0.29 -3.64	17.68 0.34 -4.11	19.66 0.49 -3.39	20.63 0.57 -3.32	17.88 0.43 -5.51	17.22 0.41 -5.83	23.89 0.65 -5.75	27.52 0.65 -8.21	31.88 0.82 -7.73	32.51 0.95 -3.62	30.96 0.85 -0.78	26.83 0.69 -0.62	24.65 0.40 -0.52	22.85 0.42 -0.55
DUNKIRK___4 23566	15.26 0.20 -2.76	14.21 0.26 -1.95	13.22 0.31 -2.01	10.18 0.18 -2.96	9.09 0.16 -3.48	9.59 0.23 -3.61	11.61 0.26 -4.02	12.83 0.25 -5.15	11.84 0.19 -5.98	17.22 0.36 -2.87	17.56 0.29 -3.60	17.65 0.36 -4.06	19.64 0.50 -3.35	20.61 0.59 -3.28	17.82 0.44 -5.44	17.16 0.42 -5.76	23.84 0.66 -5.68	27.42 0.65 -8.11	31.81 0.84 -7.63	32.49 0.98 -3.58	30.95 0.85 -0.78	26.85 0.71 -0.61	24.67 0.43 -0.51	22.86 0.44 -0.54
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	23.08 0.82 -9.94	19.83 0.80 -7.03	18.85 0.70 -7.25	18.16 0.45 -10.67	18.35 0.35 -12.56	19.13 0.37 -13.01	22.33 0.49 -14.52	26.51 0.50 -18.58	27.64 0.39 -21.59	25.39 1.03 -10.37	27.70 1.04 -12.98	28.96 1.10 -14.63	29.22 1.34 -12.09	29.97 1.39 -11.84	32.59 1.01 -19.64	32.69 0.93 -20.77	39.40 1.42 -20.49	49.59 1.68 -29.25	52.90 2.03 -27.54	43.20 2.35 -12.91	34.50 2.38 -2.80	29.82 2.09 -2.20	27.61 2.04 -1.84	25.49 1.64 -1.96
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	22.44 0.71 -9.42	19.34 0.68 -6.66	18.37 0.60 -6.87	17.55 0.39 -10.11	17.65 0.30 -11.90	18.39 0.31 -12.33	21.48 0.40 -13.75	25.44 0.41 -17.60	26.43 0.31 -20.45	24.62 0.81 -9.83	26.78 0.81 -12.30	27.96 0.86 -13.86	28.28 1.04 -11.46	29.07 1.10 -11.22	31.36 0.81 -18.61	31.41 0.75 -19.68	38.08 1.17 -19.42	47.78 1.40 -27.72	51.13 1.70 -26.10	42.16 1.98 -12.24	34.00 2.02 -2.65	29.35 1.74 -2.08	27.16 1.69 -1.74	25.12 1.38 -1.86
E179THST_138_KV_TB4_REV_LBMP_J 345001	23.22 0.97 -9.94	19.96 0.94 -7.03	18.97 0.82 -7.25	18.26 0.54 -10.67	18.40 0.40 -12.56	19.14 0.37 -13.01	22.30 0.46 -14.52	26.47 0.46 -18.58	27.60 0.35 -21.59	25.34 0.98 -10.37	27.67 1.01 -12.98	28.98 1.10 -14.65	29.18 1.31 -12.09	29.96 1.37 -11.84	32.59 1.01 -19.64	32.65 0.89 -20.77	39.33 1.35 -20.49	49.54 1.62 -29.25	52.81 1.94 -27.55	43.11 2.26 -12.91	34.30 2.17 -2.80	29.85 2.12 -2.20	27.81 2.23 -1.84	25.77 1.93 -1.96
E179THST_13_KV_LOAD 356214	23.29 1.03 -9.94	20.01 0.98 -7.03	19.01 0.86 -7.25	18.28 0.57 -10.67	18.42 0.42 -12.56	19.15 0.39 -13.01	22.33 0.49 -14.52	26.50 0.49 -18.58	27.62 0.37 -21.59	25.41 1.05 -10.37	27.73 1.07 -12.98	29.05 1.16 -14.65	29.26 1.39 -12.09	30.04 1.46 -11.84	32.67 1.09 -19.64	32.71 0.96 -20.77	39.42 1.43 -20.49	49.65 1.74 -29.25	52.93 2.05 -27.55	43.28 2.43 -12.91	34.44 2.32 -2.80	29.97 2.25 -2.20	27.93 2.35 -1.84	25.86 2.01 -1.96

EAST HAMPTON___GT 23717	27.29 1.64 -13.35	23.60 1.73 -9.87	19.48 1.33 -7.24	18.64 0.89 -10.71	19.31 0.70 -13.16	22.55 1.08 -15.72	26.03 1.44 -17.27	31.18 1.44 -22.30	31.63 1.03 -24.94	26.16 1.80 -10.37	29.14 1.98 -13.48	29.74 1.88 -14.63	31.74 3.36 -12.60	33.76 3.52 -13.50	39.10 2.35 -24.81	38.94 2.43 -25.53	42.39 3.83 -21.06	52.16 4.26 -29.25	61.10 4.97 -32.80	47.95 7.10 -12.91	38.82 6.07 -3.42	37.18 6.02 -5.63	31.49 5.53 -2.23	27.89 4.05 -1.96
EAST RIVER___6 23660	23.21 0.96 -9.94	19.93 0.90 -7.03	18.94 0.79 -7.25	18.22 0.51 -10.67	18.39 0.39 -12.56	19.16 0.40 -13.01	22.38 0.54 -14.52	26.57 0.56 -18.58	27.68 0.43 -21.59	25.55 1.19 -10.37	27.86 1.20 -12.98	29.16 1.28 -14.65	29.42 1.55 -12.09	30.19 1.61 -11.84	32.76 1.18 -19.64	32.82 1.07 -20.77	39.60 1.61 -20.49	49.84 1.92 -29.25	53.14 2.26 -27.55	43.53 2.68 -12.91	34.77 2.64 -2.80	30.07 2.35 -2.20	27.95 2.37 -1.84	25.73 1.88 -1.96
EAST RIVER___7 23524	23.21 0.96 -9.94	19.93 0.90 -7.03	18.94 0.79 -7.25	18.22 0.51 -10.67	18.39 0.39 -12.56	19.16 0.40 -13.01	22.38 0.54 -14.52	26.57 0.56 -18.58	27.68 0.43 -21.59	25.55 1.19 -10.37	27.86 1.20 -12.98	29.16 1.28 -14.65	29.42 1.55 -12.09	30.19 1.61 -11.84	32.76 1.18 -19.64	32.82 1.07 -20.77	39.60 1.61 -20.49	49.84 1.92 -29.25	53.14 2.26 -27.55	43.53 2.68 -12.91	34.77 2.64 -2.80	30.07 2.35 -2.20	27.95 2.37 -1.84	25.73 1.88 -1.96
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	23.05 0.81 -9.93	19.80 0.78 -7.02	18.82 0.68 -7.24	18.14 0.44 -10.66	18.32 0.34 -12.54	19.10 0.36 -12.99	22.30 0.48 -14.50	26.47 0.48 -18.55	27.59 0.37 -21.56	25.34 0.99 -10.36	27.64 1.00 -12.96	28.90 1.06 -14.61	29.13 1.28 -12.08	29.91 1.34 -11.83	32.53 0.98 -19.61	32.63 0.90 -20.74	39.34 1.38 -20.46	49.50 1.62 -29.21	52.80 1.96 -27.50	43.12 2.29 -12.90	34.41 2.29 -2.79	29.74 2.02 -2.20	27.56 1.99 -1.83	25.44 1.60 -1.96
EAST_HAMPTON___DIESEL 23722	27.29 1.64 -13.35	23.61 1.74 -9.87	19.48 1.33 -7.24	18.64 0.89 -10.71	19.31 0.70 -13.16	22.56 1.09 -15.72	26.03 1.44 -17.27	31.18 1.45 -22.30	31.63 1.03 -24.94	26.16 1.80 -10.37	29.14 1.98 -13.48	29.74 1.88 -14.63	31.74 3.36 -12.60	33.76 3.52 -13.50	39.10 2.35 -24.81	38.94 2.43 -25.53	42.39 3.83 -21.06	52.18 4.27 -29.25	61.12 4.99 -32.80	47.95 7.10 -12.91	38.82 6.07 -3.42	37.18 6.02 -5.63	31.51 5.55 -2.23	27.91 4.07 -1.96
EAST_PULASKI___ESR 323781	13.92 0.00 -1.62	13.14 0.00 -1.14	12.09 0.01 -1.18	8.78 0.01 -1.73	7.40 0.01 -1.95	7.69 0.01 -1.94	9.51 0.02 -2.16	10.27 0.01 -2.82	9.18 0.01 -3.51	15.56 0.03 -1.54	15.69 0.03 -1.98	15.50 -0.01 -2.28	17.67 -0.08 -1.96	18.28 -0.08 -1.62	15.04 -0.06 -3.16	14.28 -0.08 -3.37	20.72 -0.10 -3.33	23.21 -0.21 -4.75	27.57 -0.23 -4.47	29.70 -0.34 -2.10	29.43 -0.35 -0.45	25.55 -0.33 -0.36	23.70 -0.33 -0.30	21.92 -0.28 -0.32
EAST_RIVER___1 323558	23.17 0.92 -9.94	19.90 0.88 -7.03	18.91 0.76 -7.25	18.21 0.49 -10.67	18.38 0.38 -12.56	19.16 0.40 -13.01	22.37 0.53 -14.52	26.55 0.54 -18.58	27.67 0.41 -21.59	25.50 1.15 -10.37	27.81 1.15 -12.98	29.11 1.23 -14.65	29.36 1.48 -12.09	30.11 1.52 -11.84	32.70 1.12 -19.64	32.78 1.02 -20.77	39.53 1.54 -20.49	49.76 1.85 -29.25	53.02 2.15 -27.55	43.42 2.57 -12.91	34.65 2.52 -2.80	30.00 2.27 -2.20	27.86 2.28 -1.84	25.68 1.84 -1.96
EAST_RIVER___2 323559	23.21 0.96 -9.94	19.93 0.90 -7.03	18.94 0.79 -7.25	18.22 0.51 -10.67	18.39 0.39 -12.56	19.16 0.40 -13.01	22.38 0.54 -14.52	26.57 0.56 -18.58	27.68 0.43 -21.59	25.55 1.19 -10.37	27.86 1.20 -12.98	29.16 1.28 -14.65	29.42 1.55 -12.09	30.19 1.61 -11.84	32.76 1.18 -19.64	32.82 1.07 -20.77	39.60 1.61 -20.49	49.84 1.92 -29.25	53.14 2.26 -27.55	43.53 2.68 -12.91	34.77 2.64 -2.80	30.07 2.35 -2.20	27.95 2.37 -1.84	25.73 1.88 -1.96
EAST___DELAWARE_HYD 23607	21.78 0.81 -8.65	18.88 0.77 -6.12	17.90 0.69 -6.31	16.78 0.45 -9.29	16.73 0.35 -10.93	17.42 0.35 -11.33	20.42 0.45 -12.64	24.06 0.45 -16.17	24.80 0.34 -18.79	23.88 0.87 -9.03	25.84 0.86 -11.30	26.87 0.90 -12.74	27.41 1.10 -10.53	28.21 1.15 -10.31	29.91 0.87 -17.10	29.88 0.81 -18.08	36.65 1.31 -17.84	45.71 1.59 -25.47	49.24 1.94 -23.98	41.44 2.26 -11.24	34.05 2.29 -2.43	29.44 1.99 -1.92	27.23 1.90 -1.60	25.14 1.55 -1.71
EIGHT_POINT___WT_PWR 323820	15.89 0.46 -3.12	14.70 0.49 -2.21	13.66 0.48 -2.28	10.70 0.30 -3.35	9.65 0.26 -3.95	10.15 0.32 -4.09	12.27 0.38 -4.56	13.66 0.39 -5.84	12.74 0.29 -6.78	17.90 0.66 -3.26	18.33 0.57 -4.08	18.41 0.58 -4.60	20.26 0.68 -3.80	21.23 0.77 -3.72	18.66 0.55 -6.17	18.04 0.53 -6.53	24.79 0.86 -6.44	28.82 0.97 -9.19	33.27 1.28 -8.65	33.42 1.42 -4.06	31.64 1.44 -0.88	27.39 1.17 -0.69	25.19 0.88 -0.58	23.33 0.83 -0.62
ELBRIDGE_115KV_TB2 80188	14.85 0.26 -2.28	13.88 0.26 -1.61	12.82 0.25 -1.66	9.66 0.16 -2.45	8.46 0.13 -2.88	8.88 0.14 -2.99	10.85 0.19 -3.33	11.90 0.20 -4.27	10.77 0.15 -4.96	16.75 0.38 -2.38	17.03 0.37 -2.98	16.93 0.33 -3.36	18.92 0.36 -2.78	19.85 0.39 -2.72	16.71 0.26 -4.51	15.99 0.23 -4.77	22.55 0.35 -4.71	25.70 0.32 -6.72	30.03 0.37 -6.33	31.29 0.39 -2.97	30.35 0.38 -0.64	26.31 0.28 -0.51	24.37 0.21 -0.42	22.53 0.20 -0.45
ELEC_TRO_TEK 24086	26.59 0.98 -13.30	22.81 0.95 -9.86	18.94 0.80 -7.24	18.23 0.52 -10.67	18.90 0.42 -13.03	21.86 0.44 -15.67	25.12 0.58 -17.22	30.27 0.59 -22.25	31.05 0.45 -24.94	25.53 1.17 -10.37	28.30 1.19 -13.43	29.07 1.20 -14.63	29.37 1.50 -12.09	30.23 1.57 -11.92	34.54 1.16 -21.45	37.44 1.05 -25.40	40.18 1.63 -21.06	49.79 1.88 -29.25	58.41 2.29 -32.79	43.47 2.63 -12.91	35.43 2.73 -3.37	30.09 2.35 -2.21	28.24 2.33 -2.18	25.73 1.88 -1.96
ELLENBURG_WT_PWR 323604	11.71 -0.60 0.00	11.36 -0.64 0.00	10.24 -0.67 0.00	6.60 -0.44 0.00	3.53 -0.33 1.59	2.38 -0.39 2.98	3.54 -0.48 3.30	3.60 -0.48 3.35	5.32 -0.35 0.00	10.66 -0.92 2.40	10.64 -0.93 2.10	10.67 -0.89 1.67	14.83 -0.95 0.00	10.63 -0.99 5.12	10.77 -0.72 0.45	10.36 -0.63 0.00	16.60 -0.89 0.00	17.91 -0.75 0.00	22.65 -0.68 0.00	27.38 -0.56 0.00	28.86 -0.47 0.00	25.27 -0.26 0.00	23.59 -0.14 0.00	21.90 0.02 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	15.17 0.16 -2.70	14.13 0.23 -1.91	13.14 0.27 -1.97	10.11 0.17 -2.89	9.00 0.15 -3.41	9.49 0.21 -3.53	11.49 0.23 -3.94	12.66 0.19 -5.04	11.67 0.15 -5.85	17.02 0.22 -2.81	17.35 0.15 -3.52	17.41 0.21 -3.97	19.39 0.33 -3.28	20.32 0.37 -3.21	17.55 0.29 -5.33	16.90 0.29 -5.63	23.45 0.40 -5.56	26.97 0.37 -7.93	31.27 0.47 -7.47	31.97 0.53 -3.50	30.50 0.41 -0.76	26.48 0.36 -0.60	24.33 0.09 -0.50	22.61 0.20 -0.53
EMPIRE_CC_1 323656	24.57 0.54 -11.72	20.81 0.53 -8.29	19.93 0.48 -8.55	19.94 0.31 -12.58	20.49 0.24 -14.81	21.36 0.27 -15.34	24.78 0.34 -17.12	29.68 0.33 -21.91	31.37 0.25 -25.46	26.80 0.59 -12.23	29.55 0.56 -15.31	31.06 0.57 -17.26	30.72 0.68 -14.26	31.43 0.72 -13.97	35.61 0.51 -23.16	35.96 0.48 -24.50	42.43 0.77 -24.17	54.13 0.97 -34.50	57.05 1.24 -32.48	44.62 1.45 -15.23	34.15 1.52 -3.30	29.45 1.33 -2.59	27.09 1.19 -2.16	25.23 1.03 -2.32

EMPIRE_CC_2 323658	24.57 0.54 -11.72	20.81 0.53 -8.29	19.93 0.48 -8.55	19.94 0.31 -12.58	20.49 0.24 -14.81	21.36 0.27 -15.34	24.78 0.34 -17.12	29.68 0.33 -21.91	31.37 0.25 -25.46	26.80 0.59 -12.23	29.55 0.56 -15.31	31.06 0.57 -17.26	30.72 0.68 -14.26	31.43 0.72 -13.97	35.61 0.51 -23.16	35.96 0.48 -24.50	42.43 0.77 -24.17	54.13 0.97 -34.50	57.05 1.24 -32.48	44.62 1.45 -15.23	34.15 1.52 -3.30	29.45 1.33 -2.59	27.09 1.19 -2.16	25.23 1.03 -2.32
ENORWICH_115KV_TB1 80156	17.26 0.95 -4.00	15.73 0.90 -2.83	14.69 0.87 -2.92	11.89 0.56 -4.29	10.92 0.42 -5.05	11.44 0.45 -5.23	13.78 0.62 -5.84	15.52 0.61 -7.47	14.83 0.48 -8.68	19.32 1.16 -4.17	20.04 1.14 -5.22	20.15 1.03 -5.89	21.77 1.12 -4.87	22.71 1.21 -4.76	20.70 0.86 -7.90	20.11 0.77 -8.36	27.07 1.33 -8.25	32.04 1.60 -11.77	36.58 2.17 -11.08	35.59 2.46 -5.20	33.03 2.58 -1.13	28.53 2.12 -0.89	26.30 1.83 -0.74	24.36 1.68 -0.79
ERIE_ST__34_KV_TB1-2 80199	15.10 0.05 -2.74	14.06 0.12 -1.94	13.07 0.16 -2.00	10.08 0.09 -2.94	9.00 0.09 -3.46	9.49 0.15 -3.59	11.50 0.17 -4.00	12.70 0.15 -5.12	11.73 0.11 -5.95	17.00 0.15 -2.86	17.34 0.08 -3.58	17.43 0.16 -4.04	19.38 0.27 -3.33	20.33 0.32 -3.27	17.60 0.25 -5.42	16.95 0.24 -5.73	23.53 0.38 -5.65	27.08 0.35 -8.07	31.39 0.47 -7.60	32.03 0.53 -3.56	30.48 0.38 -0.77	26.44 0.31 -0.61	24.27 0.02 -0.51	22.51 0.09 -0.54
ERIE_WT_PWR 323693	15.21 0.17 -2.73	14.17 0.24 -1.93	13.16 0.27 -1.99	10.14 0.17 -2.93	9.04 0.15 -3.44	9.53 0.21 -3.57	11.54 0.23 -3.98	12.73 0.20 -5.09	11.75 0.16 -5.92	17.09 0.27 -2.84	17.41 0.18 -3.56	17.50 0.25 -4.01	19.49 0.39 -3.32	20.42 0.43 -3.25	17.66 0.33 -5.38	17.01 0.33 -5.69	23.60 0.49 -5.62	27.13 0.45 -8.02	31.49 0.61 -7.55	32.12 0.64 -3.54	30.62 0.53 -0.77	26.54 0.41 -0.60	24.41 0.17 -0.50	22.68 0.26 -0.54
ESPRGFLD_115KV_TB1 80157	11.74 0.43 1.00	11.71 0.42 0.71	10.59 0.41 0.73	6.23 0.26 1.07	4.38 0.20 1.26	4.65 0.21 1.31	6.15 0.29 1.46	5.85 0.29 1.87	3.74 0.25 2.17	13.54 0.60 1.04	12.93 0.56 1.31	12.33 0.57 1.47	15.19 0.63 1.22	16.25 0.70 1.19	10.46 0.50 1.98	9.38 0.48 2.09	16.24 0.80 2.06	16.69 0.97 2.94	21.82 1.26 2.77	28.06 1.42 1.30	30.51 1.47 0.28	26.45 1.15 0.22	24.52 0.97 0.18	22.49 0.81 0.20
ETNA_115_KV_TB1_REV_LBMP_C 345029	16.10 0.50 -3.28	14.83 0.50 -2.32	13.77 0.47 -2.39	10.86 0.30 -3.53	9.83 0.24 -4.15	10.31 0.26 -4.30	12.47 0.34 -4.80	13.94 0.36 -6.14	13.06 0.27 -7.13	18.07 0.66 -3.43	18.61 0.64 -4.29	18.65 0.58 -4.84	20.41 0.63 -4.00	21.34 0.69 -3.91	18.91 0.48 -6.49	18.29 0.44 -6.86	24.98 0.72 -6.77	29.11 0.78 -9.67	33.44 1.00 -9.10	33.35 1.15 -4.27	31.40 1.14 -0.92	27.20 0.94 -0.73	25.13 0.78 -0.61	23.21 0.68 -0.65
ETNA_____115KV_TB2 80207	16.10 0.50 -3.28	14.83 0.50 -2.32	13.77 0.47 -2.39	10.86 0.30 -3.53	9.83 0.24 -4.15	10.31 0.26 -4.30	12.47 0.34 -4.80	13.94 0.36 -6.14	13.06 0.27 -7.13	18.07 0.66 -3.43	18.61 0.64 -4.29	18.65 0.58 -4.84	20.41 0.63 -4.00	21.34 0.69 -3.91	18.91 0.48 -6.49	18.29 0.44 -6.86	24.98 0.72 -6.77	29.11 0.78 -9.67	33.44 1.00 -9.10	33.35 1.15 -4.27	31.40 1.14 -0.92	27.20 0.94 -0.73	25.13 0.78 -0.61	23.21 0.68 -0.65
EUCLID___115KV_TB2 356179	14.35 0.06 -1.98	13.47 0.07 -1.40	12.42 0.08 -1.44	9.21 0.05 -2.12	7.99 0.04 -2.50	8.39 0.05 -2.59	10.28 0.07 -2.89	11.20 0.07 -3.70	10.01 0.05 -4.29	16.19 0.14 -2.06	16.40 0.14 -2.58	16.25 0.11 -2.91	18.30 0.11 -2.41	19.21 0.12 -2.36	15.92 0.07 -3.91	15.17 0.05 -4.13	21.64 0.07 -4.08	24.44 -0.04 -5.82	28.72 -0.09 -5.48	30.37 -0.14 -2.57	29.71 -0.18 -0.56	25.79 -0.18 -0.44	23.91 -0.19 -0.37	22.12 -0.15 -0.39
E_CANADA_CAP_HY 24051	28.34 0.37 -15.67	23.43 0.36 -11.07	22.66 0.34 -11.42	24.08 0.22 -16.81	25.40 0.17 -19.79	26.44 0.18 -20.50	30.45 0.25 -22.87	36.96 0.26 -29.27	39.91 0.23 -34.01	30.85 0.52 -16.34	34.60 0.47 -20.45	36.75 0.46 -23.06	35.36 0.52 -19.06	36.00 0.60 -18.66	43.29 0.41 -30.95	44.15 0.44 -32.73	50.54 0.75 -32.29	65.71 0.95 -46.10	67.97 1.24 -43.40	49.71 1.42 -20.35	35.20 1.47 -4.41	30.09 1.10 -3.47	27.53 0.90 -2.89	25.72 0.74 -3.09
E_CANADA_MHWK_HY 24050	13.04 0.49 -0.24	12.63 0.47 -0.17	11.50 0.42 -0.17	7.56 0.27 -0.25	6.03 0.20 -0.39	6.45 0.21 -0.49	8.15 0.28 -0.54	8.34 0.27 -0.64	6.38 0.20 -0.51	14.85 0.48 -0.39	14.55 0.44 -0.43	14.05 0.37 -0.45	16.48 0.41 -0.29	17.78 0.45 -0.59	12.75 0.32 -0.49	11.77 0.30 -0.49	18.47 0.49 -0.48	19.91 0.56 -0.69	24.73 0.75 -0.65	29.16 0.92 -0.31	30.48 1.09 -0.07	26.57 0.99 -0.05	24.73 0.95 -0.04	22.85 0.92 -0.05
E_FISHKILL___LBMP 23776	23.11 0.71 -10.09	19.82 0.70 -7.13	18.87 0.61 -7.35	18.26 0.39 -10.83	18.49 0.30 -12.74	19.27 0.32 -13.20	22.48 0.42 -14.73	26.71 0.43 -18.85	27.89 0.33 -21.90	25.36 0.85 -10.52	27.71 0.86 -13.17	28.98 0.90 -14.85	29.14 1.09 -12.27	29.91 1.16 -12.02	32.70 0.84 -19.93	32.83 0.77 -21.07	39.47 1.19 -20.79	49.76 1.42 -29.68	53.00 1.73 -27.95	43.05 2.01 -13.10	34.22 2.05 -2.84	29.55 1.79 -2.23	27.33 1.73 -1.86	25.30 1.42 -1.99
FALCON___SEABRD_CC1 323796	11.82 -0.49 0.00	11.48 -0.52 0.00	10.34 -0.57 0.00	6.67 -0.37 0.00	3.59 -0.27 1.59	2.44 -0.33 2.97	3.63 -0.40 3.30	3.68 -0.41 3.34	5.38 -0.28 0.00	10.82 -0.77 2.39	10.79 -0.79 2.10	10.81 -0.75 1.67	14.99 -0.79 0.00	10.83 -0.80 5.11	10.89 -0.60 0.45	10.47 -0.52 0.00	16.78 -0.72 0.00	18.12 -0.54 0.00	22.91 -0.42 0.00	27.71 -0.22 0.00	29.21 -0.12 0.00	25.58 0.05 0.00	23.85 0.12 0.00	22.15 0.26 0.00
FALCON___SEABRD_CC2 323797	11.82 -0.49 0.00	11.48 -0.52 0.00	10.34 -0.57 0.00	6.67 -0.37 0.00	3.59 -0.27 1.59	2.44 -0.33 2.97	3.63 -0.40 3.30	3.68 -0.41 3.34	5.38 -0.28 0.00	10.82 -0.77 2.39	10.79 -0.79 2.10	10.81 -0.75 1.67	14.99 -0.79 0.00	10.83 -0.80 5.11	10.89 -0.60 0.45	10.47 -0.52 0.00	16.78 -0.72 0.00	18.12 -0.54 0.00	22.91 -0.42 0.00	27.71 -0.22 0.00	29.21 -0.12 0.00	25.58 0.05 0.00	23.85 0.12 0.00	22.15 0.26 0.00
FAR ROCKAWAY___4 23548	26.74 1.13 -13.30	22.95 1.09 -9.86	19.08 0.93 -7.24	18.31 0.60 -10.67	18.96 0.48 -13.03	21.92 0.50 -15.67	25.20 0.65 -17.22	30.35 0.66 -22.25	31.11 0.51 -24.94	25.70 1.34 -10.37	28.47 1.35 -13.43	29.21 1.35 -14.63	29.56 1.69 -12.09	30.45 1.79 -11.91	34.70 1.33 -21.44	37.59 1.21 -25.40	40.44 1.89 -21.06	50.05 2.15 -29.25	58.76 2.64 -32.79	43.89 3.05 -12.91	35.84 3.14 -3.37	30.41 2.68 -2.21	28.50 2.59 -2.18	25.97 2.12 -1.96
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	23.17 0.92 -9.94	19.90 0.88 -7.03	18.91 0.76 -7.25	18.21 0.49 -10.67	18.38 0.38 -12.56	19.16 0.40 -13.01	22.37 0.53 -14.52	26.55 0.54 -18.58	27.67 0.41 -21.59	25.50 1.15 -10.37	27.81 1.15 -12.98	29.10 1.22 -14.65	29.36 1.48 -12.09	30.11 1.52 -11.84	32.70 1.12 -19.64	32.78 1.02 -20.77	39.53 1.54 -20.49	49.74 1.83 -29.25	53.02 2.15 -27.55	43.39 2.54 -12.91	34.65 2.52 -2.80	29.97 2.25 -2.20	27.86 2.28 -1.84	25.68 1.84 -1.96

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	23.17 0.92 -9.94	19.91 0.89 -7.03	18.91 0.76 -7.25	18.21 0.49 -10.67	18.38 0.38 -12.56	19.16 0.40 -13.01	22.37 0.53 -14.52	26.55 0.54 -18.58	27.67 0.41 -21.59	25.50 1.15 -10.37	27.81 1.15 -12.98	29.11 1.23 -14.65	29.36 1.48 -12.09	30.11 1.52 -11.84	32.70 1.12 -19.64	32.78 1.02 -20.77	39.53 1.54 -20.49	49.74 1.83 -29.25	53.02 2.15 -27.55	43.39 2.54 -12.91	34.65 2.52 -2.80	30.00 2.27 -2.20	27.86 2.28 -1.84	25.68 1.84 -1.96
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	23.16 0.91 -9.94	19.90 0.88 -7.03	18.90 0.75 -7.25	18.21 0.49 -10.67	18.38 0.38 -12.56	19.15 0.39 -13.01	22.37 0.53 -14.52	26.55 0.54 -18.58	27.67 0.41 -21.59	25.49 1.13 -10.37	27.79 1.14 -12.98	29.10 1.22 -14.65	29.34 1.47 -12.09	30.09 1.51 -11.84	32.69 1.11 -19.64	32.77 1.01 -20.77	39.51 1.52 -20.49	49.73 1.81 -29.25	53.00 2.12 -27.55	43.37 2.51 -12.91	34.62 2.49 -2.80	29.97 2.25 -2.20	27.83 2.25 -1.84	25.66 1.82 -1.96
FARRAGUT___LBMP 323566	23.16 0.91 -9.94	19.89 0.86 -7.03	18.90 0.75 -7.25	18.20 0.49 -10.67	18.37 0.37 -12.56	19.15 0.39 -13.01	22.36 0.52 -14.52	26.54 0.53 -18.58	27.66 0.41 -21.59	25.49 1.13 -10.37	27.78 1.12 -12.98	29.09 1.20 -14.65	29.33 1.45 -12.09	30.09 1.51 -11.84	32.68 1.10 -19.64	32.76 1.00 -20.77	39.49 1.50 -20.49	49.71 1.79 -29.25	53.00 2.12 -27.55	43.34 2.49 -12.91	34.59 2.46 -2.80	29.95 2.22 -2.20	27.83 2.25 -1.84	25.66 1.82 -1.96
FENNER___WINDPWR 24204	14.59 0.36 -1.92	13.69 0.34 -1.36	12.63 0.33 -1.40	9.31 0.20 -2.06	8.02 0.15 -2.43	8.43 0.17 -2.51	10.36 0.23 -2.80	11.24 0.22 -3.59	10.01 0.18 -4.17	16.42 0.43 -2.00	16.61 0.42 -2.51	16.44 0.38 -2.83	18.54 0.43 -2.34	19.50 0.47 -2.29	16.05 0.32 -3.79	15.29 0.30 -4.01	21.96 0.51 -3.96	24.85 0.54 -5.65	29.38 0.72 -5.32	31.24 0.81 -2.49	30.72 0.85 -0.54	26.64 0.69 -0.42	24.64 0.55 -0.35	22.76 0.50 -0.38
FIBERTEK___ENERGY 23856	14.74 0.25 -2.18	13.79 0.25 -1.54	12.73 0.24 -1.59	9.53 0.15 -2.34	8.33 0.13 -2.76	8.74 0.14 -2.86	10.69 0.18 -3.19	11.72 0.21 -4.08	10.56 0.15 -4.74	16.65 0.39 -2.28	16.92 0.40 -2.85	16.80 0.36 -3.21	18.81 0.38 -2.65	19.71 0.37 -2.60	16.50 0.25 -4.31	15.75 0.21 -4.56	22.32 0.33 -4.50	25.36 0.28 -6.42	29.68 0.30 -6.05	31.11 0.34 -2.83	30.24 0.29 -0.61	26.24 0.23 -0.48	24.30 0.17 -0.40	22.47 0.15 -0.43
FITZPATRICK____ 23598	13.56 -0.18 -1.43	12.85 -0.17 -1.01	11.81 -0.14 -1.05	8.49 -0.09 -1.54	7.19 -0.07 -1.81	7.56 -0.07 -1.88	9.33 -0.09 -2.09	10.02 -0.09 -2.68	8.71 -0.07 -3.11	15.31 -0.17 -1.50	15.39 -0.16 -1.87	15.15 -0.20 -2.11	17.29 -0.24 -1.74	18.20 -0.25 -1.71	14.59 -0.18 -2.83	13.81 -0.18 -3.00	20.17 -0.28 -2.96	22.43 -0.45 -4.22	26.70 -0.61 -3.97	29.05 -0.75 -1.86	28.94 -0.79 -0.40	25.13 -0.71 -0.32	23.31 -0.69 -0.26	21.58 -0.59 -0.28
FLOWRFLD_69_KV_BK1 356044	26.88 1.22 -13.35	23.28 1.42 -9.86	19.13 0.98 -7.24	18.41 0.65 -10.72	19.16 0.54 -13.18	22.27 0.79 -15.72	25.63 1.03 -17.27	30.79 1.06 -22.30	31.37 0.77 -24.94	25.59 1.23 -10.37	28.64 1.48 -13.48	29.27 1.40 -14.63	31.00 2.54 -12.68	33.14 2.63 -13.77	39.12 1.74 -25.43	38.27 1.74 -25.55	41.05 2.50 -21.06	50.67 2.76 -29.25	59.67 3.55 -32.79	44.54 3.69 -12.91	36.21 3.46 -3.42	34.71 2.91 -6.27	28.79 2.82 -2.23	26.08 2.23 -1.96
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	22.97 0.81 -9.85	19.74 0.78 -6.96	18.77 0.69 -7.18	18.06 0.44 -10.57	18.23 0.34 -12.44	18.99 0.35 -12.89	22.16 0.45 -14.38	26.30 0.46 -18.41	27.40 0.35 -21.39	25.17 0.91 -10.28	27.44 0.90 -12.86	28.68 0.95 -14.50	28.93 1.17 -11.98	29.71 1.24 -11.73	32.31 0.91 -19.46	32.40 0.83 -20.58	39.13 1.33 -20.30	49.23 1.59 -28.98	52.56 1.94 -27.29	42.97 2.23 -12.80	34.39 2.29 -2.77	29.67 1.97 -2.18	27.45 1.90 -1.82	25.38 1.55 -1.95
FORT ORANGE____ 23900	24.91 0.46 -12.14	21.02 0.44 -8.58	20.16 0.40 -8.85	20.33 0.25 -13.03	20.99 0.21 -15.34	21.87 0.23 -15.89	25.34 0.29 -17.73	30.34 0.22 -22.69	32.20 0.17 -26.36	27.03 0.38 -12.67	29.88 0.36 -15.85	31.46 0.36 -17.87	30.99 0.44 -14.77	31.67 0.47 -14.46	36.26 0.33 -23.99	36.67 0.32 -25.37	43.01 0.49 -25.03	55.04 0.65 -35.73	57.81 0.84 -33.64	44.69 0.98 -15.77	33.83 1.09 -3.42	29.13 0.92 -2.69	26.76 0.78 -2.24	25.13 0.85 -2.40
FORT_DRUM_COGEN 23780	13.41 0.00 -1.10	12.76 -0.02 -0.78	11.71 0.00 -0.80	8.23 0.00 -1.18	6.51 -0.02 -1.09	6.59 -0.04 -0.88	8.30 -0.01 -0.98	8.81 -0.04 -1.42	8.03 -0.03 -2.40	14.58 -0.10 -0.69	14.61 -0.11 -1.04	14.38 -0.16 -1.31	16.85 -0.27 -1.34	16.81 -0.27 -0.34	13.84 -0.19 -2.09	13.13 -0.16 -2.31	19.59 -0.17 -2.27	21.72 -0.19 -3.25	26.32 -0.07 -3.06	29.17 -0.20 -1.43	29.55 -0.09 -0.31	25.64 -0.13 -0.24	23.68 -0.26 -0.20	21.92 -0.18 -0.22
FPL FAR_ROCK_GT1 24212	26.75 1.13 -13.31	22.96 1.09 -9.87	19.10 0.95 -7.24	18.32 0.61 -10.67	18.97 0.48 -13.04	21.93 0.50 -15.68	25.20 0.65 -17.23	30.35 0.66 -22.26	31.12 0.51 -24.94	25.71 1.36 -10.37	28.47 1.35 -13.44	29.24 1.38 -14.63	29.57 1.69 -12.10	30.46 1.79 -11.92	34.71 1.32 -21.45	37.60 1.21 -25.41	40.43 1.87 -21.06	50.07 2.16 -29.25	58.77 2.64 -32.80	43.95 3.10 -12.91	35.85 3.14 -3.38	30.47 2.73 -2.21	28.51 2.59 -2.18	25.99 2.15 -1.96
FPL FAR_ROCK_GT2 23815	26.75 1.13 -13.31	22.96 1.09 -9.87	19.10 0.95 -7.24	18.32 0.61 -10.67	18.97 0.48 -13.04	21.93 0.50 -15.68	25.20 0.65 -17.23	30.35 0.66 -22.26	31.12 0.51 -24.94	25.71 1.36 -10.37	28.47 1.35 -13.44	29.24 1.38 -14.63	29.57 1.69 -12.10	30.46 1.79 -11.92	34.71 1.32 -21.45	37.60 1.21 -25.41	40.43 1.87 -21.06	50.07 2.16 -29.25	58.77 2.64 -32.80	43.95 3.10 -12.91	35.85 3.14 -3.38	30.47 2.73 -2.21	28.51 2.59 -2.18	25.99 2.15 -1.96
FRANKLIN_FALL_HYD 24054	11.77 -0.54 0.00	11.45 -0.55 0.00	10.31 -0.59 0.00	6.67 -0.37 0.00	3.68 -0.29 1.48	2.62 -0.37 2.77	3.81 -0.45 3.07	3.88 -0.45 3.11	5.34 -0.32 0.00	10.89 -0.87 2.23	10.87 -0.86 1.95	10.85 -0.83 1.55	14.85 -0.93 0.00	11.04 -0.95 4.75	10.82 -0.69 0.42	10.38 -0.60 0.00	16.62 -0.87 0.00	17.92 -0.75 0.00	22.65 -0.68 0.00	27.32 -0.61 0.00	28.77 -0.56 0.00	25.20 -0.33 0.00	23.55 -0.19 0.00	21.86 -0.02 0.00
FREEPORT_EQUS_GT1 23764	26.70 1.08 -13.31	22.91 1.04 -9.87	19.04 0.89 -7.24	18.29 0.58 -10.67	18.94 0.46 -13.04	21.91 0.48 -15.68	25.18 0.63 -17.23	30.34 0.65 -22.26	31.11 0.50 -24.94	25.66 1.30 -10.37	28.42 1.30 -13.44	29.16 1.30 -14.63	29.49 1.61 -12.10	30.36 1.69 -11.93	34.65 1.24 -21.47	37.49 1.10 -25.41	40.25 1.70 -21.06	49.91 2.00 -29.25	58.53 2.40 -32.80	43.70 2.85 -12.91	35.55 2.84 -3.38	30.36 2.61 -2.23	28.41 2.49 -2.18	25.92 2.08 -1.96
FREEPORT___CT2 23818	26.70 1.08 -13.31	22.91 1.04 -9.87	19.04 0.89 -7.24	18.29 0.58 -10.67	18.94 0.46 -13.04	21.91 0.48 -15.68	25.18 0.63 -17.23	30.34 0.65 -22.26	31.11 0.50 -24.94	25.66 1.30 -10.37	28.42 1.30 -13.44	29.16 1.30 -14.63	29.49 1.61 -12.10	30.36 1.69 -11.93	34.65 1.24 -21.47	37.49 1.10 -25.41	40.25 1.70 -21.06	49.91 2.00 -29.25	58.53 2.40 -32.80	43.70 2.85 -12.91	35.55 2.84 -3.38	30.36 2.61 -2.23	28.41 2.49 -2.18	25.92 2.08 -1.96

FRESHKLS_33_KV_LOAD 356253	23.30 1.05 -9.94	20.03 1.01 -7.03	19.02 0.87 -7.25	18.28 0.56 -10.67	18.42 0.42 -12.56	19.15 0.39 -13.01	22.33 0.49 -14.52	26.49 0.48 -18.58	27.61 0.36 -21.59	25.35 0.99 -10.37	27.68 1.03 -12.98	29.02 1.14 -14.65	29.23 1.36 -12.09	30.01 1.42 -11.84	32.63 1.05 -19.64	32.70 0.94 -20.77	39.35 1.36 -20.49	49.58 1.66 -29.25	52.86 1.98 -27.55	43.17 2.32 -12.91	34.47 2.35 -2.80	29.85 2.12 -2.20	27.83 2.25 -1.84	25.86 2.01 -1.96
FULTON COGEN____ 23766	14.08 0.00 -1.78	13.27 0.01 -1.25	12.21 0.01 -1.29	8.96 0.01 -1.91	7.70 0.01 -2.24	8.09 0.02 -2.32	9.94 0.02 -2.59	10.79 0.04 -3.32	9.54 0.02 -3.85	15.91 0.07 -1.85	16.08 0.08 -2.32	15.89 0.04 -2.61	17.94 0.00 -2.16	18.86 0.00 -2.11	15.43 -0.01 -3.51	14.67 -0.02 -3.71	21.12 -0.03 -3.66	23.72 -0.17 -5.22	27.99 -0.26 -4.92	29.91 -0.34 -2.31	29.45 -0.38 -0.50	25.56 -0.36 -0.39	23.71 -0.36 -0.33	21.90 -0.33 -0.35
FULTON____LFGE 323630	27.83 0.78 -14.74	23.15 0.73 -10.42	22.33 0.68 -10.75	23.31 0.44 -15.83	24.41 0.34 -18.62	25.43 0.38 -19.30	29.34 0.49 -21.53	35.49 0.51 -27.55	38.13 0.45 -32.01	30.38 1.01 -15.38	33.80 0.88 -19.25	35.82 0.89 -21.70	34.76 1.04 -17.94	35.53 1.22 -17.56	41.88 0.81 -29.13	42.67 0.88 -30.81	49.34 1.45 -30.39	63.75 1.70 -43.39	66.37 2.19 -40.85	49.61 2.52 -19.15	36.09 2.61 -4.15	30.81 2.02 -3.26	28.12 1.66 -2.72	26.22 1.42 -2.91
G.F.CEMENT____DRP 24184	25.65 0.68 -12.66	21.58 0.64 -8.95	20.71 0.58 -9.23	21.00 0.37 -13.59	21.72 0.28 -15.99	22.64 0.32 -16.57	26.22 0.40 -18.49	31.51 0.42 -23.66	33.52 0.36 -27.49	28.04 0.84 -13.21	31.00 0.79 -16.53	32.69 0.82 -18.64	32.12 0.93 -15.40	32.83 1.00 -15.08	37.59 0.63 -25.02	38.09 0.65 -26.46	44.63 1.03 -26.10	57.17 1.25 -37.26	60.02 1.61 -35.08	46.31 1.93 -16.45	34.91 2.02 -3.56	30.01 1.68 -2.80	27.50 1.42 -2.34	25.63 1.25 -2.50
GARDENVILLE____LBMP 24039	15.19 0.16 -2.73	14.15 0.23 -1.93	13.15 0.26 -1.99	10.13 0.16 -2.93	9.03 0.14 -3.44	9.52 0.20 -3.57	11.53 0.23 -3.98	12.72 0.19 -5.09	11.73 0.15 -5.92	17.07 0.24 -2.84	17.39 0.15 -3.56	17.47 0.22 -4.01	19.44 0.35 -3.32	20.37 0.39 -3.25	17.62 0.30 -5.38	16.97 0.30 -5.69	23.55 0.44 -5.62	27.09 0.41 -8.02	31.39 0.51 -7.55	32.06 0.59 -3.54	30.56 0.47 -0.77	26.51 0.38 -0.60	24.38 0.14 -0.50	22.64 0.22 -0.54
GARDNVLA_35_KV_LD 355827	15.23 0.20 -2.73	14.19 0.26 -1.93	13.18 0.29 -1.99	10.15 0.18 -2.93	9.05 0.16 -3.44	9.54 0.22 -3.57	11.55 0.25 -3.98	12.75 0.22 -5.09	11.75 0.17 -5.92	17.12 0.29 -2.84	17.44 0.21 -3.56	17.52 0.28 -4.01	19.51 0.41 -3.32	20.46 0.47 -3.25	17.68 0.36 -5.38	17.02 0.34 -5.69	23.64 0.52 -5.62	27.19 0.50 -8.02	31.51 0.63 -7.55	32.20 0.73 -3.54	30.71 0.62 -0.77	26.64 0.51 -0.60	24.48 0.24 -0.50	22.73 0.31 -0.54
GELCKHM__115KV_LOAD 80723	14.49 0.12 -2.06	13.58 0.13 -1.45	12.53 0.13 -1.50	9.33 0.08 -2.21	8.11 0.07 -2.60	8.52 0.08 -2.69	10.43 0.10 -3.00	11.33 0.06 -3.84	10.17 0.05 -4.46	16.24 0.11 -2.14	16.47 0.11 -2.68	16.34 0.08 -3.03	18.36 0.08 -2.50	19.39 0.20 -2.45	16.13 0.13 -4.06	15.39 0.11 -4.30	21.91 0.17 -4.24	24.79 0.07 -6.05	29.07 0.05 -5.70	30.64 0.03 -2.67	29.91 0.00 -0.58	25.96 -0.03 -0.45	24.04 -0.07 -0.38	22.24 -0.04 -0.41
GENERAL____MILLS 23808	15.21 0.17 -2.73	14.17 0.24 -1.93	13.16 0.27 -1.99	10.14 0.17 -2.93	9.04 0.15 -3.44	9.53 0.21 -3.57	11.54 0.23 -3.98	12.73 0.21 -5.09	11.74 0.16 -5.92	17.10 0.27 -2.84	17.42 0.18 -3.56	17.50 0.25 -4.01	19.47 0.38 -3.32	20.42 0.44 -3.25	17.64 0.32 -5.38	17.00 0.32 -5.69	23.58 0.47 -5.62	27.13 0.45 -8.02	31.47 0.58 -7.55	32.15 0.67 -3.54	30.62 0.53 -0.77	26.59 0.46 -0.60	24.43 0.19 -0.50	22.68 0.26 -0.54
GE_PLASTICS____DRP 24183	24.88 0.43 -12.14	21.00 0.42 -8.58	20.15 0.39 -8.85	20.32 0.25 -13.03	20.98 0.20 -15.34	21.86 0.21 -15.89	25.33 0.27 -17.73	30.38 0.26 -22.69	32.23 0.20 -26.37	27.13 0.48 -12.67	29.98 0.45 -15.85	31.57 0.46 -17.87	31.12 0.57 -14.77	31.81 0.60 -14.47	36.36 0.43 -23.99	36.75 0.40 -25.37	43.15 0.63 -25.03	55.18 0.78 -35.73	57.95 0.98 -33.64	44.88 1.17 -15.77	33.98 1.23 -3.42	29.26 1.05 -2.69	26.93 0.95 -2.24	25.13 0.85 -2.40
GILBOA____1 23756	22.64 0.46 -9.88	19.44 0.46 -6.98	18.55 0.45 -7.20	17.94 0.29 -10.60	18.15 0.22 -12.48	18.90 0.22 -12.93	22.03 0.28 -14.43	26.18 0.28 -18.46	27.33 0.22 -21.45	24.84 0.54 -10.31	27.11 0.53 -12.90	28.33 0.56 -14.54	28.46 0.66 -12.02	29.21 0.70 -11.77	31.97 0.51 -19.52	32.07 0.44 -20.64	38.56 0.70 -20.36	48.52 0.78 -29.07	51.66 0.96 -27.37	41.97 1.20 -12.83	33.40 1.29 -2.78	28.84 1.12 -2.19	26.60 1.04 -1.82	24.73 0.90 -1.95
GILBOA____2 23757	22.64 0.46 -9.88	19.44 0.46 -6.98	18.55 0.45 -7.20	17.94 0.29 -10.60	18.15 0.22 -12.48	18.90 0.22 -12.93	22.03 0.28 -14.43	26.18 0.28 -18.46	27.33 0.22 -21.45	24.84 0.54 -10.31	27.11 0.53 -12.90	28.33 0.56 -14.54	28.46 0.66 -12.02	29.21 0.70 -11.77	31.97 0.51 -19.52	32.07 0.44 -20.64	38.56 0.70 -20.36	48.52 0.78 -29.07	51.66 0.96 -27.37	41.97 1.20 -12.83	33.40 1.29 -2.78	28.84 1.12 -2.19	26.60 1.04 -1.82	24.73 0.90 -1.95
GILBOA____3 23758	22.64 0.46 -9.88	19.44 0.46 -6.98	18.55 0.45 -7.20	17.94 0.29 -10.60	18.15 0.22 -12.48	18.90 0.22 -12.93	22.03 0.28 -14.43	26.18 0.28 -18.46	27.33 0.22 -21.45	24.84 0.54 -10.31	27.11 0.53 -12.90	28.33 0.56 -14.54	28.46 0.66 -12.02	29.21 0.70 -11.77	31.97 0.51 -19.52	32.07 0.44 -20.64	38.56 0.70 -20.36	48.52 0.78 -29.07	51.66 0.96 -27.37	41.97 1.20 -12.83	33.40 1.29 -2.78	28.84 1.12 -2.19	26.60 1.04 -1.82	24.73 0.90 -1.95
GILBOA____4 23759	22.64 0.46 -9.88	19.44 0.46 -6.98	18.55 0.45 -7.20	17.94 0.29 -10.60	18.15 0.22 -12.48	18.90 0.22 -12.93	22.03 0.28 -14.43	26.18 0.28 -18.46	27.33 0.22 -21.45	24.84 0.54 -10.31	27.11 0.53 -12.90	28.33 0.56 -14.54	28.46 0.66 -12.02	29.21 0.70 -11.77	31.97 0.51 -19.52	32.07 0.44 -20.64	38.56 0.70 -20.36	48.52 0.78 -29.07	51.66 0.96 -27.37	41.97 1.20 -12.83	33.40 1.29 -2.78	28.84 1.12 -2.19	26.60 1.04 -1.82	24.73 0.90 -1.95
GILBOA____ 23599	22.64 0.46 -9.88	19.44 0.46 -6.98	18.55 0.45 -7.20	17.94 0.29 -10.60	18.15 0.22 -12.48	18.90 0.22 -12.93	22.03 0.28 -14.43	26.18 0.28 -18.46	27.33 0.22 -21.45	24.84 0.55 -10.31	27.11 0.53 -12.90	28.33 0.56 -14.54	28.46 0.66 -12.02	29.21 0.70 -11.77	31.97 0.51 -19.52	32.07 0.44 -20.64	38.56 0.70 -20.36	48.52 0.78 -29.07	51.66 0.96 -27.37	41.97 1.20 -12.83	33.40 1.29 -2.78	28.84 1.12 -2.19	26.60 1.04 -1.82	24.73 0.90 -1.95
GINNA____ 23603	14.33 -0.30 -2.32	13.36 -0.28 -1.64	12.38 -0.22 -1.69	9.39 -0.14 -2.49	8.26 -0.11 -2.93	8.68 -0.10 -3.03	10.58 -0.13 -3.39	11.65 -0.12 -4.33	10.60 -0.10 -5.04	16.14 -0.27 -2.42	16.41 -0.30 -3.03	16.33 -0.32 -3.41	18.25 -0.35 -2.82	19.17 -0.33 -2.76	16.28 -0.24 -4.58	15.59 -0.24 -4.85	21.85 -0.42 -4.78	24.98 -0.50 -6.82	29.20 -0.56 -6.43	30.20 -0.75 -3.01	29.07 -0.91 -0.65	25.12 -0.92 -0.51	23.21 -0.95 -0.43	21.51 -0.83 -0.46

GLEN PARK____ 23778	13.50 0.05 -1.15	12.83 0.02 -0.81	11.79 0.05 -0.83	8.30 0.03 -1.23	6.60 0.00 -1.16	6.70 -0.01 -0.96	8.42 0.02 -1.08	8.96 -0.01 -1.53	8.15 0.00 -2.49	14.71 -0.04 -0.76	14.74 -0.05 -1.12	14.51 -0.11 -1.38	16.95 -0.22 -1.39	16.96 -0.22 -0.44	13.96 -0.16 -2.18	13.26 -0.12 -2.39	19.77 -0.09 -2.36	21.96 -0.07 -3.37	26.55 0.05 -3.17	29.37 -0.06 -1.49	29.71 0.06 -0.32	25.76 -0.03 -0.25	23.81 -0.14 -0.21	22.02 -0.09 -0.23
GLENDALE_27_KV_LOAD 356172	23.25 1.00 -9.94	19.97 0.95 -7.03	18.97 0.82 -7.25	18.25 0.54 -10.67	18.40 0.40 -12.56	19.15 0.39 -13.01	22.35 0.51 -14.52	26.53 0.52 -18.58	27.65 0.40 -21.59	25.48 1.12 -10.37	27.79 1.14 -12.98	29.11 1.23 -14.65	29.34 1.47 -12.09	30.13 1.54 -11.84	32.70 1.12 -19.64	32.77 1.01 -20.77	39.47 1.49 -20.49	49.71 1.79 -29.25	53.00 2.12 -27.55	43.34 2.49 -12.91	34.59 2.46 -2.80	30.00 2.27 -2.20	27.95 2.37 -1.84	25.79 1.95 -1.96
GLENWOOD_IC_1_G5 23712	26.67 1.06 -13.30	22.88 1.02 -9.86	19.01 0.86 -7.24	18.27 0.56 -10.67	18.93 0.45 -13.03	21.89 0.47 -15.67	25.16 0.62 -17.22	30.32 0.63 -22.25	31.09 0.49 -24.94	25.63 1.27 -10.37	28.41 1.30 -13.43	29.16 1.30 -14.63	29.48 1.61 -12.09	30.37 1.71 -11.92	34.65 1.25 -21.46	37.53 1.14 -25.40	40.32 1.77 -21.06	49.94 2.03 -29.25	58.62 2.50 -32.79	43.70 2.85 -12.91	35.63 2.93 -3.37	30.28 2.53 -2.23	28.40 2.49 -2.18	25.86 2.01 -1.96
GLENWOOD_IC_2_G1 23688	26.64 1.02 -13.31	22.85 0.98 -9.87	19.00 0.85 -7.24	18.26 0.55 -10.67	18.92 0.44 -13.04	21.89 0.45 -15.68	25.15 0.60 -17.23	30.31 0.62 -22.26	31.08 0.47 -24.94	25.60 1.24 -10.37	28.38 1.26 -13.44	29.13 1.27 -14.63	29.44 1.56 -12.10	30.31 1.64 -11.92	34.59 1.21 -21.45	37.49 1.10 -25.41	40.25 1.70 -21.06	49.91 2.00 -29.25	58.53 2.40 -32.80	43.70 2.85 -12.91	35.55 2.84 -3.38	30.24 2.50 -2.21	28.32 2.40 -2.18	25.84 1.99 -1.96
GLENWOOD_IC_3_G1 23689	26.64 1.02 -13.31	22.85 0.98 -9.87	19.00 0.85 -7.24	18.26 0.55 -10.67	18.92 0.44 -13.04	21.89 0.45 -15.68	25.15 0.60 -17.23	30.31 0.62 -22.26	31.08 0.47 -24.94	25.60 1.24 -10.37	28.38 1.26 -13.44	29.13 1.27 -14.63	29.44 1.56 -12.10	30.31 1.64 -11.92	34.59 1.21 -21.45	37.49 1.10 -25.41	40.25 1.70 -21.06	49.91 2.00 -29.25	58.53 2.40 -32.80	43.70 2.85 -12.91	35.55 2.84 -3.38	30.24 2.50 -2.21	28.32 2.40 -2.18	25.84 1.99 -1.96
GLENWOOD____4 23550	26.67 1.06 -13.30	22.88 1.02 -9.86	19.01 0.86 -7.24	18.27 0.56 -10.67	18.93 0.45 -13.03	21.89 0.47 -15.67	25.16 0.62 -17.22	30.32 0.63 -22.25	31.09 0.49 -24.94	25.63 1.27 -10.37	28.41 1.30 -13.43	29.16 1.30 -14.63	29.48 1.61 -12.09	30.37 1.71 -11.92	34.65 1.25 -21.46	37.53 1.14 -25.40	40.32 1.77 -21.06	49.94 2.03 -29.25	58.62 2.50 -32.79	43.70 2.85 -12.91	35.63 2.93 -3.37	30.28 2.53 -2.23	28.40 2.49 -2.18	25.86 2.01 -1.96
GLENWOOD____5 23614	26.67 1.06 -13.30	22.88 1.02 -9.86	19.01 0.86 -7.24	18.27 0.56 -10.67	18.93 0.45 -13.03	21.89 0.47 -15.67	25.16 0.62 -17.22	30.32 0.63 -22.25	31.09 0.49 -24.94	25.63 1.27 -10.37	28.41 1.30 -13.43	29.16 1.30 -14.63	29.48 1.61 -12.09	30.37 1.71 -11.92	34.65 1.25 -21.46	37.53 1.14 -25.40	40.32 1.77 -21.06	49.94 2.03 -29.25	58.62 2.50 -32.79	43.70 2.85 -12.91	35.63 2.93 -3.37	30.28 2.53 -2.23	28.40 2.49 -2.18	25.86 2.01 -1.96
GLOBAL GREEN_PORT_GT1 23814	27.27 1.61 -13.35	23.57 1.70 -9.87	19.46 1.31 -7.24	18.63 0.87 -10.71	19.30 0.69 -13.16	22.54 1.07 -15.72	26.01 1.42 -17.27	31.17 1.43 -22.30	31.62 1.01 -24.94	26.13 1.78 -10.37	29.12 1.96 -13.48	29.71 1.85 -14.63	31.71 3.33 -12.60	33.72 3.48 -13.50	39.06 2.32 -24.81	38.91 2.40 -25.53	42.34 3.78 -21.06	52.12 4.22 -29.25	61.05 4.92 -32.80	47.86 7.01 -12.91	38.76 6.01 -3.42	37.10 5.95 -5.63	31.45 5.48 -2.23	27.85 4.00 -1.96
GLOBE____DSASP 323697	14.95 0.02 -2.61	13.97 0.12 -1.85	12.98 0.17 -1.90	9.98 0.13 -2.80	8.86 0.12 -3.30	9.34 0.17 -3.42	11.26 0.12 -3.81	12.32 0.02 -4.87	11.34 0.02 -5.65	16.63 -0.08 -2.72	16.91 -0.18 -3.41	16.95 -0.13 -3.84	18.86 -0.09 -3.18	19.80 -0.05 -3.11	17.06 -0.02 -5.15	16.44 0.01 -5.44	22.78 -0.09 -5.37	26.14 -0.21 -7.69	30.29 -0.28 -7.24	31.02 -0.31 -3.39	29.65 -0.41 -0.73	25.75 -0.36 -0.58	23.70 -0.52 -0.48	22.13 -0.26 -0.52
GOETHSLN____LBMP 323567	23.10 0.85 -9.94	19.83 0.80 -7.03	18.85 0.70 -7.25	18.16 0.45 -10.67	18.35 0.34 -12.56	19.12 0.36 -13.01	22.33 0.49 -14.52	26.51 0.50 -18.58	27.64 0.39 -21.59	25.43 1.08 -10.37	27.74 1.08 -12.98	29.03 1.15 -14.65	29.28 1.40 -12.09	30.02 1.44 -11.84	32.63 1.05 -19.64	32.70 0.94 -20.77	39.40 1.42 -20.49	49.63 1.72 -29.25	52.86 1.98 -27.55	43.23 2.37 -12.91	34.47 2.35 -2.80	29.85 2.12 -2.20	27.74 2.16 -1.84	25.57 1.73 -1.96
GOLAH____69_KV_TB 1_2 80279	15.06 0.38 -2.37	14.09 0.42 -1.67	13.07 0.44 -1.73	9.87 0.28 -2.54	8.65 0.22 -2.99	9.09 0.24 -3.10	11.09 0.31 -3.46	12.16 0.30 -4.42	11.03 0.23 -5.14	16.96 0.50 -2.47	17.19 0.42 -3.09	17.09 0.37 -3.48	19.17 0.50 -2.88	20.15 0.59 -2.82	17.03 0.42 -4.68	16.32 0.38 -4.95	22.92 0.54 -4.88	26.17 0.54 -6.97	30.61 0.72 -6.56	31.88 0.87 -3.08	30.73 0.73 -0.67	26.56 0.51 -0.52	24.53 0.36 -0.44	22.79 0.44 -0.47
GOODYEAR_LAKE_HYD 323669	16.04 0.54 -3.19	14.77 0.52 -2.25	13.74 0.51 -2.32	10.79 0.33 -3.42	9.71 0.25 -4.02	10.17 0.25 -4.17	12.32 0.34 -4.65	13.73 0.34 -5.95	12.86 0.28 -6.92	18.01 0.70 -3.32	18.52 0.68 -4.16	18.61 0.69 -4.69	20.44 0.79 -3.88	21.39 0.85 -3.80	18.84 0.61 -6.29	18.19 0.55 -6.66	24.95 0.89 -6.57	29.08 1.05 -9.37	33.46 1.31 -8.83	33.58 1.51 -4.14	31.78 1.55 -0.90	27.51 1.28 -0.71	25.46 1.14 -0.59	23.50 0.98 -0.63
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	16.88 0.38 -4.19	15.34 0.38 -2.96	14.33 0.37 -3.05	11.78 0.24 -4.49	10.92 0.19 -5.29	11.44 0.21 -5.48	13.71 0.27 -6.11	15.54 0.28 -7.82	14.96 0.20 -9.09	18.86 0.50 -4.37	19.62 0.48 -5.47	19.86 0.46 -6.16	21.41 0.54 -5.09	22.32 0.59 -4.99	20.63 0.42 -8.27	20.12 0.38 -8.75	26.74 0.61 -8.63	31.64 0.65 -12.32	35.75 0.82 -11.60	34.30 0.92 -5.44	31.45 0.94 -1.18	27.22 0.77 -0.93	25.15 0.64 -0.77	23.26 0.55 -0.83
GOUDEY____7 23579	16.88 0.38 -4.19	15.36 0.40 -2.96	14.34 0.38 -3.05	11.78 0.25 -4.49	10.93 0.20 -5.29	11.45 0.22 -5.48	13.72 0.28 -6.11	15.55 0.29 -7.82	14.97 0.21 -9.09	18.87 0.52 -4.37	19.65 0.51 -5.47	19.87 0.48 -6.16	21.43 0.55 -5.09	22.33 0.60 -4.99	20.64 0.43 -8.27	20.13 0.40 -8.75	26.76 0.63 -8.63	31.66 0.67 -12.32	35.77 0.84 -11.60	34.33 0.95 -5.44	31.47 0.97 -1.18	27.25 0.79 -0.93	25.15 0.64 -0.77	23.28 0.57 -0.83
GOUDEY____8 23580	16.88 0.38 -4.19	15.34 0.38 -2.96	14.33 0.37 -3.05	11.78 0.24 -4.49	10.92 0.19 -5.29	11.44 0.21 -5.48	13.71 0.27 -6.11	15.54 0.28 -7.82	14.96 0.20 -9.09	18.86 0.50 -4.37	19.62 0.48 -5.47	19.86 0.46 -6.16	21.41 0.54 -5.09	22.32 0.59 -4.99	20.63 0.42 -8.27	20.12 0.38 -8.75	26.74 0.61 -8.63	31.64 0.65 -12.32	35.75 0.82 -11.60	34.30 0.92 -5.44	31.45 0.94 -1.18	27.22 0.77 -0.93	25.15 0.64 -0.77	23.26 0.55 -0.83

GOWANUS_GT1_1 24077	23.29 1.03 -9.94	20.01 0.98 -7.03	19.00 0.85 -7.25	18.26 0.55 -10.67	18.41 0.41 -12.56	19.16 0.40 -13.01	22.35 0.51 -14.52	26.52 0.51 -18.58	27.65 0.40 -21.59	25.46 1.10 -10.37	27.79 1.14 -12.98	29.13 1.24 -14.65	29.34 1.47 -12.09	30.13 1.54 -11.84	32.71 1.13 -19.64	32.77 1.01 -20.77	39.46 1.47 -20.49	49.69 1.77 -29.25	52.98 2.10 -27.55	43.34 2.49 -12.91	34.65 2.52 -2.80	30.00 2.27 -2.20	27.98 2.40 -1.84	25.86 2.01 -1.96
GOWANUS_GT1_2 24078	23.29 1.03 -9.94	20.01 0.98 -7.03	19.00 0.85 -7.25	18.26 0.55 -10.67	18.41 0.41 -12.56	19.16 0.40 -13.01	22.35 0.51 -14.52	26.52 0.51 -18.58	27.65 0.40 -21.59	25.46 1.10 -10.37	27.79 1.14 -12.98	29.13 1.24 -14.65	29.34 1.47 -12.09	30.13 1.54 -11.84	32.71 1.13 -19.64	32.77 1.01 -20.77	39.46 1.47 -20.49	49.69 1.77 -29.25	52.98 2.10 -27.55	43.34 2.49 -12.91	34.65 2.52 -2.80	30.00 2.27 -2.20	27.98 2.40 -1.84	25.86 2.01 -1.96
GOWANUS_GT1_3 24079	23.29 1.03 -9.94	20.01 0.98 -7.03	19.00 0.85 -7.25	18.26 0.55 -10.67	18.41 0.41 -12.56	19.16 0.40 -13.01	22.35 0.51 -14.52	26.52 0.51 -18.58	27.65 0.40 -21.59	25.46 1.10 -10.37	27.79 1.14 -12.98	29.13 1.24 -14.65	29.34 1.47 -12.09	30.13 1.54 -11.84	32.71 1.13 -19.64	32.77 1.01 -20.77	39.46 1.47 -20.49	49.69 1.77 -29.25	52.98 2.10 -27.55	43.34 2.49 -12.91	34.65 2.52 -2.80	30.00 2.27 -2.20	27.98 2.40 -1.84	25.86 2.01 -1.96
GOWANUS_GT1_4 24080	23.29 1.03 -9.94	20.01 0.98 -7.03	19.00 0.85 -7.25	18.26 0.55 -10.67	18.41 0.41 -12.56	19.16 0.40 -13.01	22.35 0.51 -14.52	26.52 0.51 -18.58	27.65 0.40 -21.59	25.46 1.10 -10.37	27.79 1.14 -12.98	29.13 1.24 -14.65	29.34 1.47 -12.09	30.13 1.54 -11.84	32.71 1.13 -19.64	32.77 1.01 -20.77	39.46 1.47 -20.49	49.69 1.77 -29.25	52.98 2.10 -27.55	43.34 2.49 -12.91	34.65 2.52 -2.80	30.00 2.27 -2.20	27.98 2.40 -1.84	25.86 2.01 -1.96
GOWANUS_GT1_5 24084	23.29 1.03 -9.94	20.01 0.98 -7.03	19.00 0.85 -7.25	18.26 0.55 -10.67	18.41 0.41 -12.56	19.16 0.40 -13.01	22.35 0.51 -14.52	26.52 0.51 -18.58	27.65 0.40 -21.59	25.46 1.10 -10.37	27.79 1.14 -12.98	29.13 1.24 -14.65	29.34 1.47 -12.09	30.13 1.54 -11.84	32.71 1.13 -19.64	32.77 1.01 -20.77	39.46 1.47 -20.49	49.69 1.77 -29.25	52.98 2.10 -27.55	43.34 2.49 -12.91	34.65 2.52 -2.80	30.00 2.27 -2.20	27.98 2.40 -1.84	25.86 2.01 -1.96
GOWANUS_GT1_6 24111	23.29 1.03 -9.94	20.01 0.98 -7.03	19.00 0.85 -7.25	18.26 0.55 -10.67	18.41 0.41 -12.56	19.16 0.40 -13.01	22.35 0.51 -14.52	26.52 0.51 -18.58	27.65 0.40 -21.59	25.46 1.10 -10.37	27.79 1.14 -12.98	29.13 1.24 -14.65	29.34 1.47 -12.09	30.13 1.54 -11.84	32.71 1.13 -19.64	32.77 1.01 -20.77	39.46 1.47 -20.49	49.69 1.77 -29.25	52.98 2.10 -27.55	43.34 2.49 -12.91	34.65 2.52 -2.80	30.00 2.27 -2.20	27.98 2.40 -1.84	25.86 2.01 -1.96
GOWANUS_GT1_7 24112	23.29 1.03 -9.94	20.01 0.98 -7.03	19.00 0.85 -7.25	18.26 0.55 -10.67	18.41 0.41 -12.56	19.16 0.40 -13.01	22.35 0.51 -14.52	26.52 0.51 -18.58	27.65 0.40 -21.59	25.46 1.10 -10.37	27.79 1.14 -12.98	29.13 1.24 -14.65	29.34 1.47 -12.09	30.13 1.54 -11.84	32.71 1.13 -19.64	32.77 1.01 -20.77	39.46 1.47 -20.49	49.69 1.77 -29.25	52.98 2.10 -27.55	43.34 2.49 -12.91	34.65 2.52 -2.80	30.00 2.27 -2.20</		

GOWANUS_GT2_8 24121	23.29 1.03 -9.95	20.02 0.98 -7.03	19.00 0.85 -7.25	18.27 0.55 -10.68	18.41 0.41 -12.56	19.16 0.40 -13.01	22.35 0.51 -14.52	26.51 0.51 -18.57	27.64 0.40 -21.58	25.46 1.10 -10.37	27.79 1.13 -12.98	29.13 1.24 -14.65	29.36 1.48 -12.09	30.12 1.54 -11.84	32.71 1.13 -19.64	32.78 1.02 -20.77	39.47 1.49 -20.49	49.70 1.79 -29.25	52.97 2.10 -27.54	43.36 2.52 -12.91	34.64 2.52 -2.79	30.03 2.30 -2.20	28.00 2.42 -1.84	25.86 2.01 -1.96
GOWANUS_GT3_1 24122	23.29 1.03 -9.95	20.02 0.98 -7.03	19.00 0.85 -7.25	18.27 0.55 -10.68	18.41 0.41 -12.56	19.16 0.40 -13.01	22.35 0.51 -14.52	26.51 0.51 -18.57	27.64 0.40 -21.58	25.46 1.10 -10.37	27.79 1.13 -12.98	29.13 1.24 -14.65	29.36 1.48 -12.09	30.12 1.54 -11.84	32.71 1.13 -19.64	32.78 1.02 -20.77	39.47 1.49 -20.49	49.70 1.79 -29.25	52.97 2.10 -27.54	43.36 2.52 -12.91	34.64 2.52 -2.79	30.03 2.30 -2.20	28.00 2.42 -1.84	25.86 2.01 -1.96
GOWANUS_GT3_2 24123	23.29 1.03 -9.95	20.02 0.98 -7.03	19.00 0.85 -7.25	18.27 0.55 -10.68	18.41 0.41 -12.56	19.16 0.40 -13.01	22.35 0.51 -14.52	26.51 0.51 -18.57	27.64 0.40 -21.58	25.46 1.10 -10.37	27.79 1.13 -12.98	29.13 1.24 -14.65	29.36 1.48 -12.09	30.12 1.54 -11.84	32.71 1.13 -19.64	32.78 1.02 -20.77	39.47 1.49 -20.49	49.70 1.79 -29.25	52.97 2.10 -27.54	43.36 2.52 -12.91	34.64 2.52 -2.79	30.03 2.30 -2.20	28.00 2.42 -1.84	25.86 2.01 -1.96
GOWANUS_GT3_3 24124	23.29 1.03 -9.95	20.02 0.98 -7.03	19.00 0.85 -7.25	18.27 0.55 -10.68	18.41 0.41 -12.56	19.16 0.40 -13.01	22.35 0.51 -14.52	26.51 0.51 -18.57	27.64 0.40 -21.58	25.46 1.10 -10.37	27.79 1.13 -12.98	29.13 1.24 -14.65	29.36 1.48 -12.09	30.12 1.54 -11.84	32.71 1.13 -19.64	32.78 1.02 -20.77	39.47 1.49 -20.49	49.70 1.79 -29.25	52.97 2.10 -27.54	43.36 2.52 -12.91	34.64 2.52 -2.79	30.03 2.30 -2.20	28.00 2.42 -1.84	25.86 2.01 -1.96
GOWANUS_GT3_4 24125	23.29 1.03 -9.95	20.02 0.98 -7.03	19.00 0.85 -7.25	18.27 0.55 -10.68	18.41 0.41 -12.56	19.16 0.40 -13.01	22.35 0.51 -14.52	26.51 0.51 -18.57	27.64 0.40 -21.58	25.46 1.10 -10.37	27.79 1.13 -12.98	29.13 1.24 -14.65	29.36 1.48 -12.09	30.12 1.54 -11.84	32.71 1.13 -19.64	32.78 1.02 -20.77	39.47 1.49 -20.49	49.70 1.79 -29.25	52.97 2.10 -27.54	43.36 2.52 -12.91	34.64 2.52 -2.79	30.03 2.30 -2.20	28.00 2.42 -1.84	25.86 2.01 -1.96
GOWANUS_GT3_5 24126	23.29 1.03 -9.95	20.02 0.98 -7.03	19.00 0.85 -7.25	18.27 0.55 -10.68	18.41 0.41 -12.56	19.16 0.40 -13.01	22.35 0.51 -14.52	26.51 0.51 -18.57	27.64 0.40 -21.58	25.46 1.10 -10.37	27.79 1.13 -12.98	29.13 1.24 -14.65	29.36 1.48 -12.09	30.12 1.54 -11.84	32.71 1.13 -19.64	32.78 1.02 -20.77	39.47 1.49 -20.49	49.70 1.79 -29.25	52.97 2.10 -27.54	43.36 2.52 -12.91	34.64 2.52 -2.79	30.03 2.30 -2.20	28.00 2.42 -1.84	25.86 2.01 -1.96
GOWANUS_GT3_6 24127	23.29 1.03 -9.95	20.02 0.98 -7.03	19.00 0.85 -7.25	18.27 0.55 -10.68	18.41 0.41 -12.56	19.16 0.40 -13.01	22.35 0.51 -14.52	26.51 0.51 -18.57	27.64 0.40 -21.58	25.46 1.10 -10.37	27.79 1.13 -12.98	29.13 1.24 -14.65	29.36 1.48 -12.09	30.12 1.54 -11.84	32.71 1.13 -19.64	32.78 1.02 -20.77	39.47 1.49 -20.49	49.70 1.79 -29.25	52.97 2.10 -27.54	43.36 2.52 -12.91	34.64 2.52 -2.79	30.03 2.30 -2.20</		

GOWANUS_GT4_7 24136	23.29 1.03 -9.94	20.01 0.98 -7.03	19.00 0.85 -7.25	18.26 0.55 -10.67	18.41 0.41 -12.56	19.16 0.40 -13.01	22.35 0.51 -14.52	26.52 0.51 -18.58	27.65 0.40 -21.59	25.46 1.10 -10.37	27.79 1.14 -12.98	29.13 1.24 -14.65	29.34 1.47 -12.09	30.13 1.54 -11.84	32.71 1.13 -19.64	32.77 1.01 -20.77	39.46 1.47 -20.49	49.69 1.77 -29.25	52.98 2.10 -27.55	43.34 2.49 -12.91	34.65 2.52 -2.80	30.00 2.27 -2.20	27.98 2.40 -1.84	25.86 2.01 -1.96
GOWANUS_GT4_8 24137	23.29 1.03 -9.94	20.01 0.98 -7.03	19.00 0.85 -7.25	18.26 0.55 -10.67	18.41 0.41 -12.56	19.16 0.40 -13.01	22.35 0.51 -14.52	26.52 0.51 -18.58	27.65 0.40 -21.59	25.46 1.10 -10.37	27.79 1.14 -12.98	29.13 1.24 -14.65	29.34 1.47 -12.09	30.13 1.54 -11.84	32.71 1.13 -19.64	32.77 1.01 -20.77	39.46 1.47 -20.49	49.69 1.77 -29.25	52.98 2.10 -27.55	43.34 2.49 -12.91	34.65 2.52 -2.80	30.00 2.27 -2.20	27.98 2.40 -1.84	25.86 2.01 -1.96
GREENBSH_115KV_TB3 55895	24.93 0.42 -12.21	21.03 0.41 -8.63	20.17 0.37 -8.90	20.38 0.23 -13.10	21.05 0.19 -15.42	21.94 0.21 -15.97	25.41 0.26 -17.82	30.48 0.25 -22.81	32.35 0.19 -26.50	27.17 0.45 -12.73	30.02 0.41 -15.93	31.62 0.42 -17.96	31.13 0.50 -14.85	31.83 0.55 -14.54	36.43 0.38 -24.11	36.85 0.36 -25.50	43.23 0.58 -25.16	55.30 0.73 -35.91	58.08 0.93 -33.82	44.88 1.09 -15.85	33.91 1.14 -3.43	29.22 1.00 -2.70	26.84 0.85 -2.25	25.08 0.79 -2.41
GREENDGE_115KV_TB5 80291	15.82 0.46 -3.06	14.63 0.47 -2.16	13.58 0.45 -2.23	10.60 0.28 -3.28	9.53 0.23 -3.86	10.02 0.27 -4.00	12.13 0.34 -4.46	13.52 0.37 -5.71	12.57 0.27 -6.64	17.83 0.66 -3.19	18.27 0.60 -3.99	18.30 0.57 -4.50	20.13 0.63 -3.72	21.07 0.69 -3.64	18.45 0.48 -6.04	17.82 0.45 -6.38	24.51 0.72 -6.30	28.46 0.80 -8.99	32.75 0.96 -8.47	32.94 1.03 -3.97	31.30 1.11 -0.86	27.10 0.89 -0.68	24.96 0.66 -0.56	23.08 0.59 -0.60
GREENIDGE___3 23582	15.82 0.46 -3.06	14.63 0.47 -2.16	13.58 0.45 -2.23	10.60 0.28 -3.28	9.53 0.23 -3.86	10.02 0.27 -4.00	12.13 0.34 -4.46	13.52 0.37 -5.71	12.57 0.27 -6.64	17.83 0.66 -3.19	18.27 0.60 -3.99	18.30 0.57 -4.50	20.13 0.63 -3.72	21.07 0.69 -3.64	18.45 0.48 -6.04	17.82 0.45 -6.38	24.51 0.72 -6.30	28.46 0.80 -8.99	32.75 0.96 -8.47	32.94 1.03 -3.97	31.30 1.11 -0.86	27.10 0.89 -0.68	24.96 0.66 -0.56	23.08 0.59 -0.60
GREENIDGE___4 23583	15.82 0.46 -3.06	14.63 0.47 -2.16	13.57 0.44 -2.23	10.60 0.27 -3.28	9.53 0.23 -3.86	10.02 0.27 -4.00	12.13 0.34 -4.46	13.51 0.37 -5.71	12.57 0.27 -6.64	17.83 0.66 -3.19	18.27 0.60 -3.99	18.30 0.57 -4.50	20.13 0.63 -3.72	21.07 0.69 -3.64	18.45 0.48 -6.04	17.82 0.45 -6.38	24.51 0.72 -6.30	28.46 0.80 -8.99	32.75 0.96 -8.47	32.80 0.96 -3.97	31.30 1.11 -0.86	27.07 0.87 -0.68	24.96 0.66 -0.56	23.08 0.59 -0.60
GREENLWN_69_KV_BK 3 55738	26.69 1.08 -13.29	22.93 1.07 -9.86	19.02 0.87 -7.24	18.28 0.57 -10.66	18.95 0.48 -13.02	21.92 0.51 -15.67	25.20 0.67 -17.21	30.36 0.68 -22.25	31.13 0.53 -24.94	25.63 1.27 -10.37	28.43 1.33 -13.43	29.17 1.31 -14.63	29.61 1.78 -12.05	30.40 1.88 -11.79	34.46 1.35 -21.17	37.62 1.25 -25.38	40.40 1.85 -21.06	50.04 2.13 -29.25	58.76 2.64 -32.79	43.78 2.93 -12.91	35.72 3.02 -3.37	30.17 2.71 -1.93	28.47 2.56 -2.17	25.90 2.06 -1.96
GREENWD_138_KV_38B11_REV_LBMP_J 345004	23.29 1.03 -9.94	20.01 0.98 -7.03	19.00 0.85 -7.25	18.26 0.55 -10.67	18.41 0.41 -12.56	19.16 0.40 -13.01	22.35 0.51 -14.52	26.52 0.51 -18.58	27.65 0.40 -21.59	25.46 1.10 -10.37	27.79 1.14 -12.98	29.13 1.24 -14.65	29.34 1.47 -12.09	30.13 1.54 -11.84	32.71 1.13 -19.64	32.77 1.01 -20.77	39.46 1.47 -20.49	49.69 1.77 -29.25	52.98 2.10 -27.55	43.34 2.49 -12.91	34.65 2.52 -2.80	30.00 2.27 -2.20	27.98 2.40 -1.84	25.86 2.01 -1.96
GRISSOM___SOLAR 323813	27.83 0.78 -14.74	23.15 0.73 -10.42	22.33 0.68 -10.75	23.31 0.44 -15.83	24.41 0.34 -18.62	25.43 0.38 -19.30	29.34 0.49 -21.53	35.49 0.51 -27.55	38.13 0.45 -32.01	30.38 1.01 -15.38	33.80 0.88 -19.25	35.82 0.89 -21.70	34.76 1.04 -17.94	35.53 1.22 -17.56	41.88 0.81 -29.13	42.67 0.88 -30.81	49.34 1.45 -30.39	63.75 1.70 -43.39	66.37 2.19 -40.85	49.61 2.52 -19.15	36.09 2.61 -4.15	30.81 2.02 -3.26	28.12 1.66 -2.72	26.22 1.42 -2.91
GROVEVILLE___HYD 323602	22.97 0.81 -9.85	19.74 0.78 -6.96	18.77 0.69 -7.18	18.06 0.44 -10.57	18.23 0.34 -12.44	18.99 0.35 -12.89	22.16 0.45 -14.38	26.30 0.46 -18.41	27.40 0.35 -21.39	25.17 0.91 -10.28	27.44 0.90 -12.86	28.68 0.95 -14.50	28.93 1.17 -11.98	29.71 1.24 -11.73	32.31 0.91 -19.46	32.40 0.83 -20.58	39.13 1.33 -20.30	49.23 1.59 -28.98	52.56 1.94 -27.29	42.97 2.23 -12.80	34.39 2.29 -2.77	29.67 1.97 -2.18	27.45 1.90 -1.82	25.38 1.55 -1.95
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	14.74 0.25 -2.18	13.79 0.25 -1.54	12.73 0.24 -1.59	9.53 0.15 -2.34	8.33 0.13 -2.76	8.74 0.14 -2.86	10.69 0.18 -3.19	11.72 0.21 -4.08	10.56 0.15 -4.74	16.65 0.39 -2.28	16.92 0.40 -2.85	16.80 0.36 -3.21	18.81 0.38 -2.65	19.71 0.37 -2.60	16.50 0.25 -4.31	15.75 0.21 -4.56	22.32 0.33 -4.50	25.36 0.28 -6.42	29.68 0.30 -6.05	31.11 0.34 -2.83	30.24 0.29 -0.61	26.24 0.23 -0.48	24.30 0.17 -0.40	22.47 0.15 -0.43
HAMLTNNY_34_KV_TB 80303	14.92 0.32 -2.29	13.94 0.32 -1.62	12.88 0.31 -1.67	9.69 0.20 -2.45	8.49 0.16 -2.89	8.92 0.18 -2.99	10.89 0.23 -3.34	11.95 0.25 -4.27	10.81 0.18 -4.96	16.83 0.46 -2.39	17.13 0.47 -2.99	17.01 0.41 -3.37	19.02 0.46 -2.78	19.95 0.49 -2.72	16.79 0.33 -4.52	16.06 0.30 -4.78	22.66 0.45 -4.71	25.82 0.43 -6.73	30.18 0.51 -6.34	31.49 0.59 -2.97	30.53 0.56 -0.64	26.47 0.43 -0.51	24.49 0.33 -0.42	22.62 0.28 -0.45
HAMPSHIRE___PAPER_HYD 323593	12.56 -0.31 -0.56	12.07 -0.32 -0.40	11.02 -0.29 -0.41	7.46 -0.19 -0.60	5.16 -0.17 0.11	4.71 -0.24 0.80	6.17 -0.28 0.88	6.46 -0.31 0.67	6.65 -0.24 -1.22	12.72 -0.62 0.65	12.73 -0.60 0.35	12.58 -0.62 0.03	15.69 -0.77 -0.68	13.98 -0.80 1.96	12.24 -0.57 -0.88	11.64 -0.52 -1.18	17.88 -0.77 -1.16	19.53 -0.78 -1.66	24.05 -0.84 -1.56	27.63 -1.03 -0.73	28.55 -0.94 -0.16	24.89 -0.77 -0.12	23.17 -0.66 -0.10	21.51 -0.48 -0.11
HARDSCRABBLE_WT_PWR 323673	12.93 0.38 -0.24	12.53 0.36 -0.17	11.40 0.33 -0.17	7.49 0.20 -0.25	5.98 0.14 -0.39	6.39 0.16 -0.49	8.07 0.20 -0.54	8.27 0.19 -0.64	6.32 0.15 -0.51	14.71 0.34 -0.39	14.40 0.29 -0.43	13.90 0.22 -0.45	16.29 0.22 -0.29	17.58 0.25 -0.59	12.61 0.18 -0.49	11.64 0.17 -0.49	18.26 0.28 -0.48	19.69 0.34 -0.69	24.45 0.47 -0.65	28.86 0.61 -0.31	30.16 0.76 -0.07	26.32 0.74 -0.05	24.52 0.74 -0.04	22.67 0.74 -0.05
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	21.98 0.74 -8.93	19.02 0.71 -6.31	18.03 0.62 -6.51	17.04 0.42 -9.58	17.04 0.32 -11.28	17.76 0.32 -11.69	20.78 0.42 -13.04	24.54 0.42 -16.69	25.38 0.32 -19.39	24.14 0.84 -9.32	26.17 0.83 -11.66	27.26 0.89 -13.14	27.73 1.09 -10.86	28.53 1.16 -10.64	30.43 0.85 -17.64	30.42 0.78 -18.66	37.12 1.22 -18.41	46.41 1.47 -26.27	49.84 1.77 -24.74	41.60 2.07 -11.60	33.92 2.08 -2.51	29.32 1.81 -1.98	27.14 1.76 -1.65	25.07 1.42 -1.76

HARSNRAD_115KV_TB1 81005	15.04 0.14 -2.59	14.05 0.22 -1.83	13.04 0.25 -1.89	9.99 0.16 -2.78	8.86 0.14 -3.28	9.33 0.19 -3.39	11.32 0.21 -3.79	12.43 0.16 -4.84	11.41 0.12 -5.63	16.84 0.15 -2.70	17.12 0.05 -3.38	17.15 0.11 -3.82	19.15 0.22 -3.15	20.08 0.25 -3.09	17.26 0.20 -5.12	16.61 0.21 -5.42	23.10 0.26 -5.34	26.50 0.21 -7.63	30.77 0.26 -7.18	31.61 0.31 -3.37	30.26 0.21 -0.73	26.25 0.15 -0.57	24.14 -0.07 -0.48	22.46 0.07 -0.51
HARZA MOOSE__RIVER 24016	13.11 0.14 -0.66	12.57 0.11 -0.47	11.50 0.12 -0.48	7.82 0.07 -0.71	6.16 0.04 -0.68	6.35 0.03 -0.57	8.02 0.07 -0.63	8.38 0.05 -0.90	7.15 0.05 -1.43	14.53 0.10 -0.45	14.43 0.10 -0.65	14.10 0.07 -0.81	16.62 0.03 -0.80	17.05 0.03 -0.27	13.23 0.04 -1.26	12.40 0.03 -1.38	18.96 0.10 -1.36	20.68 0.07 -1.94	25.37 0.21 -1.83	28.96 0.17 -0.86	29.87 0.35 -0.19	25.93 0.26 -0.15	23.95 0.09 -0.12	22.12 0.11 -0.13
HDSNBRDG_115KV_BRDG_TB1 355580	14.50 0.14 -2.06	13.60 0.14 -1.45	12.55 0.14 -1.50	9.34 0.09 -2.21	8.12 0.08 -2.60	8.53 0.09 -2.69	10.44 0.11 -3.00	11.40 0.13 -3.84	10.22 0.09 -4.47	16.36 0.22 -2.15	16.60 0.23 -2.69	16.46 0.20 -3.03	18.49 0.21 -2.50	19.41 0.22 -2.45	16.15 0.14 -4.07	15.40 0.12 -4.30	21.93 0.19 -4.24	24.81 0.09 -6.05	29.08 0.05 -5.70	30.64 0.03 -2.67	29.88 -0.03 -0.58	25.96 -0.03 -0.46	24.07 -0.05 -0.38	22.27 -0.02 -0.41
HELLGATE_13_KV_LD 55870	23.20 0.95 -9.94	19.94 0.91 -7.03	18.94 0.79 -7.25	18.23 0.51 -10.67	18.38 0.38 -12.56	19.14 0.37 -13.01	22.32 0.48 -14.52	26.49 0.48 -18.58	27.62 0.37 -21.59	25.39 1.03 -10.37	27.71 1.05 -12.98	29.03 1.15 -14.65	29.25 1.37 -12.09	30.02 1.44 -11.84	32.63 1.05 -19.64	32.69 0.93 -20.77	39.37 1.38 -20.49	49.58 1.66 -29.25	52.84 1.96 -27.55	43.17 2.32 -12.91	34.38 2.26 -2.80	29.87 2.14 -2.20	27.83 2.25 -1.84	25.71 1.86 -1.96
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	23.20 0.95 -9.94	19.94 0.91 -7.03	18.94 0.79 -7.25	18.23 0.51 -10.67	18.38 0.38 -12.56	19.14 0.37 -13.01	22.32 0.48 -14.52	26.49 0.48 -18.58	27.62 0.37 -21.59	25.39 1.03 -10.37	27.71 1.05 -12.98	29.03 1.15 -14.65	29.25 1.37 -12.09	30.02 1.44 -11.84	32.63 1.05 -19.64	32.69 0.93 -20.77	39.37 1.38 -20.49	49.58 1.66 -29.25	52.84 1.96 -27.55	43.17 2.32 -12.91	34.38 2.26 -2.80	29.87 2.14 -2.20	27.83 2.25 -1.84	25.71 1.86 -1.96
HEMPSTEAD____ 23647	26.62 1.01 -13.31	22.84 0.97 -9.87	18.98 0.83 -7.24	18.25 0.54 -10.67	18.91 0.42 -13.04	21.88 0.45 -15.68	25.14 0.59 -17.23	30.29 0.60 -22.26	31.07 0.46 -24.94	25.57 1.22 -10.37	28.35 1.23 -13.44	29.09 1.23 -14.63	29.40 1.52 -12.10	30.28 1.61 -11.93	34.57 1.17 -21.47	37.46 1.07 -25.41	40.20 1.64 -21.06	49.85 1.94 -29.25	58.46 2.33 -32.80	43.59 2.74 -12.91	35.46 2.76 -3.38	30.18 2.43 -2.23	28.27 2.35 -2.18	25.79 1.95 -1.96
HEWLETT__69_KV_BK3 55828	26.68 1.07 -13.30	22.89 1.03 -9.86	19.03 0.88 -7.24	18.28 0.57 -10.67	18.93 0.46 -13.03	21.90 0.48 -15.67	25.17 0.62 -17.22	30.31 0.62 -22.25	31.08 0.48 -24.94	25.63 1.27 -10.37	28.40 1.29 -13.43	29.15 1.28 -14.63	29.48 1.61 -12.09	30.35 1.69 -11.91	34.63 1.25 -21.44	37.53 1.14 -25.40	40.33 1.78 -21.06	49.94 2.03 -29.25	58.62 2.50 -32.79	43.73 2.88 -12.91	35.66 2.96 -3.37	30.29 2.55 -2.21	28.40 2.49 -2.18	25.86 2.01 -1.96
HICKLING__1 23621	16.33 0.46 -3.57	15.00 0.48 -2.52	13.96 0.46 -2.60	11.16 0.29 -3.83	10.19 0.24 -4.51	10.70 0.28 -4.67	12.88 0.34 -5.21	14.47 0.36 -6.67	13.68 0.27 -7.75	18.35 0.64 -3.72	18.94 0.60 -4.66	19.07 0.58 -5.25	20.78 0.66 -4.34	21.73 0.74 -4.25	19.50 0.51 -7.05	18.91 0.47 -7.46	25.62 0.77 -7.36	30.00 0.84 -10.50	34.29 1.07 -9.89	33.80 1.23 -4.64	31.56 1.23 -1.00	27.31 1.00 -0.79	25.15 0.76 -0.66	23.29 0.70 -0.71
HICKLING__2 23622	16.33 0.46 -3.57	15.00 0.48 -2.52	13.96 0.46 -2.60	11.16 0.29 -3.83	10.19 0.24 -4.51	10.70 0.28 -4.67	12.88 0.34 -5.21	14.47 0.36 -6.67	13.68 0.27 -7.75	18.35 0.64 -3.72	18.94 0.60 -4.66	19.07 0.58 -5.25	20.78 0.66 -4.34	21.73 0.74 -4.25	19.50 0.51 -7.05	18.91 0.47 -7.46	25.62 0.77 -7.36	30.00 0.84 -10.50	34.29 1.07 -9.89	33.80 1.23 -4.64	31.56 1.23 -1.00	27.31 1.00 -0.79	25.15 0.76 -0.66	23.29 0.70 -0.71
HIGH FALLS__HY 23754	22.81 0.81 -9.69	19.62 0.77 -6.85	18.64 0.68 -7.07	17.90 0.45 -10.40	18.03 0.34 -12.24	18.77 0.33 -12.68	21.92 0.44 -14.15	25.99 0.45 -18.11	27.05 0.33 -21.05	24.96 0.87 -10.11	27.19 0.86 -12.65	28.41 0.91 -14.27	28.69 1.12 -11.79	29.48 1.19 -11.55	31.97 0.88 -19.15	32.06 0.82 -20.25	38.80 1.33 -19.98	48.77 1.59 -28.52	52.12 1.94 -26.86	42.79 2.26 -12.59	34.34 2.29 -2.73	29.64 1.97 -2.14	27.45 1.92 -1.79	25.35 1.55 -1.91
HILLBURN__GT 23639	22.07 0.73 -9.03	19.08 0.70 -6.38	18.11 0.62 -6.58	17.15 0.41 -9.70	17.17 0.32 -11.41	17.90 0.32 -11.82	20.93 0.42 -13.19	24.74 0.43 -16.88	25.61 0.33 -19.62	24.28 0.87 -9.42	26.33 0.86 -11.79	27.44 0.91 -13.30	27.89 1.12 -10.99	28.67 1.17 -10.76	30.66 0.87 -17.85	30.66 0.80 -18.87	37.36 1.24 -18.62	46.74 1.49 -26.58	50.13 1.77 -25.03	41.74 2.07 -11.74	33.95 2.08 -2.54	29.37 1.84 -2.00	27.18 1.78 -1.67	25.09 1.42 -1.78
HILLSIDE_115KV_TB1 80332	16.26 0.30 -3.65	14.91 0.32 -2.58	13.88 0.32 -2.66	11.16 0.20 -3.92	10.23 0.17 -4.62	10.73 0.20 -4.78	12.90 0.24 -5.33	14.52 0.26 -6.83	13.79 0.19 -7.93	18.23 0.43 -3.81	18.85 0.40 -4.77	19.01 0.40 -5.38	20.68 0.46 -4.44	21.60 0.50 -4.35	19.53 0.37 -7.22	18.96 0.34 -7.63	25.58 0.56 -7.53	30.01 0.60 -10.75	34.20 0.75 -10.12	33.52 0.84 -4.75	31.18 0.82 -1.03	27.00 0.66 -0.81	24.88 0.47 -0.67	23.02 0.42 -0.72
HISHELDN_WT_PWR 323625	15.33 0.16 -2.86	14.25 0.23 -2.02	13.24 0.25 -2.08	10.26 0.15 -3.07	9.19 0.14 -3.61	9.69 0.20 -3.74	11.72 0.22 -4.17	12.96 0.19 -5.34	12.03 0.16 -6.20	17.23 0.27 -2.98	17.59 0.18 -3.73	17.68 0.24 -4.20	19.60 0.35 -3.48	20.55 0.40 -3.40	17.88 0.30 -5.64	17.25 0.30 -5.97	23.84 0.45 -5.89	27.50 0.43 -8.41	31.83 0.58 -7.92	32.26 0.61 -3.71	30.66 0.53 -0.80	26.57 0.41 -0.63	24.45 0.19 -0.53	22.71 0.26 -0.56
HOLTSVILLE_IC_1 23690	26.89 1.23 -13.35	23.20 1.33 -9.87	19.14 0.99 -7.24	18.42 0.67 -10.71	19.13 0.52 -13.16	22.35 0.87 -15.72	25.75 1.16 -17.27	30.88 1.14 -22.30	31.41 0.80 -24.94	25.68 1.33 -10.37	28.63 1.46 -13.48	29.26 1.40 -14.63	31.06 2.68 -12.60	33.01 2.76 -13.50	38.52 1.77 -24.82	38.35 1.83 -25.53	41.43 2.87 -21.06	51.14 3.23 -29.25	59.84 3.71 -32.80	46.35 5.50 -12.91	37.32 4.57 -3.42	35.91 4.75 -5.64	30.50 4.53 -2.23	27.11 3.26 -1.96
HOLTSVILLE_IC_10 23699	26.91 1.26 -13.35	23.23 1.36 -9.87	19.16 1.01 -7.24	18.43 0.68 -10.71	19.14 0.53 -13.16	22.33 0.86 -15.72	25.74 1.15 -17.27	30.87 1.14 -22.30	31.41 0.80 -24.94	25.75 1.40 -10.37	28.66 1.50 -13.48	29.30 1.44 -14.63	31.05 2.68 -12.59	32.94 2.75 -13.45	38.42 1.78 -24.70	38.35 1.83 -25.53	41.43 2.87 -21.06	51.14 3.23 -29.25	59.89 3.76 -32.80	46.35 5.50 -12.91	37.32 4.57 -3.42	35.74 4.70 -5.52	30.47 4.51 -2.22	27.11 3.26 -1.96

HOLTSVILLE_IC_2 23691	26.89 1.23 -13.35	23.20 1.33 -9.87	19.14 0.99 -7.24	18.42 0.67 -10.71	19.13 0.52 -13.16	22.35 0.87 -15.72	25.75 1.16 -17.27	30.88 1.14 -22.30	31.41 0.80 -24.94	25.68 1.33 -10.37	28.63 1.46 -13.48	29.26 1.40 -14.63	31.06 2.68 -12.60	33.01 2.76 -13.50	38.52 1.77 -24.82	38.35 1.83 -25.53	41.43 2.87 -21.06	51.14 3.23 -29.25	59.84 3.71 -32.80	46.35 5.50 -12.91	37.32 4.57 -3.42	35.91 4.75 -5.64	30.50 4.53 -2.23	27.11 3.26 -1.96
HOLTSVILLE_IC_3 23692	26.89 1.23 -13.35	23.20 1.33 -9.87	19.14 0.99 -7.24	18.42 0.67 -10.71	19.13 0.52 -13.16	22.35 0.87 -15.72	25.75 1.16 -17.27	30.88 1.14 -22.30	31.41 0.80 -24.94	25.68 1.33 -10.37	28.63 1.46 -13.48	29.26 1.40 -14.63	31.06 2.68 -12.60	33.01 2.76 -13.50	38.52 1.77 -24.82	38.35 1.83 -25.53	41.43 2.87 -21.06	51.14 3.23 -29.25	59.84 3.71 -32.80	46.35 5.50 -12.91	37.32 4.57 -3.42	35.91 4.75 -5.64	30.50 4.53 -2.23	27.11 3.26 -1.96
HOLTSVILLE_IC_4 23693	26.89 1.23 -13.35	23.20 1.33 -9.87	19.14 0.99 -7.24	18.42 0.67 -10.71	19.13 0.52 -13.16	22.35 0.87 -15.72	25.75 1.16 -17.27	30.88 1.14 -22.30	31.41 0.80 -24.94	25.68 1.33 -10.37	28.63 1.46 -13.48	29.26 1.40 -14.63	31.06 2.68 -12.60	33.01 2.76 -13.50	38.52 1.77 -24.82	38.35 1.83 -25.53	41.43 2.87 -21.06	51.14 3.23 -29.25	59.84 3.71 -32.80	46.35 5.50 -12.91	37.32 4.57 -3.42	35.91 4.75 -5.64	30.50 4.53 -2.23	27.11 3.26 -1.96
HOLTSVILLE_IC_5 23694	26.89 1.23 -13.35	23.20 1.33 -9.87	19.14 0.99 -7.24	18.42 0.67 -10.71	19.13 0.52 -13.16	22.35 0.87 -15.72	25.75 1.16 -17.27	30.88 1.14 -22.30	31.41 0.80 -24.94	25.68 1.33 -10.37	28.63 1.46 -13.48	29.26 1.40 -14.63	31.06 2.68 -12.60	33.01 2.76 -13.50	38.52 1.77 -24.82	38.35 1.83 -25.53	41.43 2.87 -21.06	51.14 3.23 -29.25	59.84 3.71 -32.80	46.35 5.50 -12.91	37.32 4.57 -3.42	35.91 4.75 -5.64	30.50 4.53 -2.23	27.11 3.26 -1.96
HOLTSVILLE_IC_6 23695	26.91 1.26 -13.35	23.23 1.36 -9.87	19.16 1.01 -7.24	18.43 0.68 -10.71	19.14 0.53 -13.16	22.33 0.86 -15.72	25.74 1.15 -17.27	30.87 1.14 -22.30	31.41 0.80 -24.94	25.75 1.40 -10.37	28.66 1.50 -13.48	29.30 1.44 -14.63	31.05 2.68 -12.59	32.94 2.75 -13.45	38.42 1.78 -24.70	38.35 1.83 -25.53	41.43 2.87 -21.06	51.14 3.23 -29.25	59.89 3.76 -32.80	46.35 5.50 -12.91	37.32 4.57 -3.42	35.74 4.70 -5.52	30.47 4.51 -2.22	27.11 3.26 -1.96
HOLTSVILLE_IC_7 23696	26.91 1.26 -13.35	23.23 1.36 -9.87	19.16 1.01 -7.24	18.43 0.68 -10.71	19.14 0.53 -13.16	22.33 0.86 -15.72	25.74 1.15 -17.27	30.87 1.14 -22.30	31.41 0.80 -24.94	25.75 1.40 -10.37	28.66 1.50 -13.48	29.30 1.44 -14.63	31.05 2.68 -12.59	32.94 2.75 -13.45	38.42 1.78 -24.70	38.35 1.83 -25.53	41.43 2.87 -21.06	51.14 3.23 -29.25	59.89 3.76 -32.80	46.35 5.50 -12.91	37.32 4.57 -3.42	35.74 4.70 -5.52	30.47 4.51 -2.22	27.11 3.26 -1.96
HOLTSVILLE_IC_8 23697	26.91 1.26 -13.35	23.23 1.36 -9.87	19.16 1.01 -7.24	18.43 0.68 -10.71	19.14 0.53 -13.16	22.33 0.86 -15.72	25.74 1.15 -17.27	30.87 1.14 -22.30	31.41 0.80 -24.94	25.75 1.40 -10.37	28.66 1.50 -13.48	29.30 1.44 -14.63	31.05 2.68 -12.59	32.94 2.75 -13.45	38.42 1.78 -24.70	38.35 1.83 -25.53	41.43 2.87 -21.06	51.14 3.23 -29.25	59.89 3.76 -32.80	46.35 5.50 -12.91	37.32 4.57 -3.42	35.74 4.70 -5.52	30.47 4.51 -2.22	27.11 3.26 -1.96
HOLTSVILLE_IC_9 23698	26.91 1.26 -13.35	23.23 1.36 -9.87	19.16 1.01 -7.24	18.43 0.68 -10.71	19.14 0.53 -13.16	22.33 0.86 -15.72	25.74 1.15 -17.27	30.87 1.14 -22.30	31.41 0.80 -24.94	25.75 1.40 -10.37	28.66 1.50 -13.48	29.30 1.44 -14.63	31.05 2.68 -12.59	32.94 2.75 -13.45	38.42 1.78 -24.70	38.35 1.83 -25.53	41.43 2.87 -21.06	51.14 3.23 -29.25	59.89 3.76 -32.80	46.35 5.50 -12.91	37.32 4.57 -3.42	35.74 4.70 -5.52	30.47 4.51 -2.22	27.11 3.26 -1.96
HOMER_HL_115KV_TB2 355744	15.14 -0.07 -2.90	14.05 0.00 -2.05	13.07 0.05 -2.11	10.18 0.02 -3.11	9.15 0.04 -3.66	9.64 0.09 -3.79	11.65 0.10 -4.23	12.95 0.10 -5.42	12.03 0.07 -6.30	17.08 0.07 -3.03	17.46 0.00 -3.79	17.58 0.08 -4.27	19.47 0.16 -3.53	20.38 0.18 -3.45	17.83 0.17 -5.73	17.21 0.16 -6.06	23.77 0.30 -5.98	27.49 0.30 -8.53	31.74 0.37 -8.03	32.09 0.39 -3.77	30.41 0.26 -0.82	26.35 0.18 -0.64	24.20 -0.07 -0.54	22.39 -0.07 -0.57
HOWARD_WT_PWR 323690	15.93 0.47 -3.15	14.72 0.49 -2.23	13.68 0.48 -2.30	10.73 0.30 -3.38	9.69 0.26 -3.98	10.20 0.32 -4.13	12.31 0.38 -4.60	13.71 0.39 -5.89	12.81 0.30 -6.85	17.93 0.66 -3.29	18.38 0.59 -4.12	18.46 0.58 -4.64	20.29 0.68 -3.84	21.27 0.77 -3.76	18.73 0.56 -6.23	18.11 0.54 -6.59	24.87 0.87 -6.50	28.93 0.99 -9.28	33.37 1.31 -8.74	33.48 1.45 -4.10	31.68 1.47 -0.89	27.40 1.17 -0.70	25.22 0.90 -0.58	23.34 0.83 -0.62
HQ_GEN_CEDARS 23644	11.96 -0.34 0.00	11.65 -0.35 0.00	10.57 -0.34 0.00	6.83 -0.21 0.00	3.75 -0.17 1.52	2.68 -0.22 2.85	3.89 -0.28 3.16	3.94 -0.29 3.21	5.44 -0.22 0.00	11.12 -0.57 2.30	11.12 -0.55 2.01	11.09 -0.54 1.60	15.15 -0.63 0.00	11.18 -0.67 4.89	11.03 -0.48 0.43	10.56 -0.43 0.00	16.81 -0.68 0.00	18.01 -0.65 0.00	22.61 -0.72 0.00	27.13 -0.81 0.00	28.51 -0.82 0.00	24.89 -0.64 0.00	23.21 -0.52 0.00	21.51 -0.37 0.00
HQ_GEN_CEDARS_PROXY 323590	11.96 -0.34 0.00	11.65 -0.35 0.00	10.57 -0.34 0.00	6.83 -0.21 0.00	3.75 -0.17 1.52	2.68 -0.22 2.85	3.89 -0.28 3.16	3.94 -0.29 3.21	5.44 -0.22 0.00	11.12 -0.57 2.30	11.12 -0.55 2.01	11.09 -0.54 1.60	15.15 -0.63 0.00	11.18 -0.67 4.89	11.03 -0.48 0.43	10.56 -0.43 0.00	16.81 -0.68 0.00	18.01 -0.65 0.00	22.61 -0.72 0.00	27.13 -0.81 0.00	28.51 -0.82 0.00	24.89 -0.64 0.00	23.21 -0.52 0.00	21.51 -0.37 0.00
HQ_GEN_IMPORT 323601	12.06 -0.25 0.00	11.76 -0.24 0.00	10.67 -0.23 0.00	6.89 -0.15 0.00	5.00 -0.11 0.33	5.00 -0.13 0.62	6.47 -0.17 0.69	6.57 -0.17 0.70	5.54 -0.13 0.00	13.17 -0.32 0.50	12.93 -0.31 0.44	12.58 -0.30 0.35	15.42 -0.36 0.00	15.29 -0.38 1.06	11.57 -0.27 0.09	10.73 -0.25 0.00	17.11 -0.38 0.00	18.29 -0.37 0.00	22.89 -0.44 0.00	27.43 -0.50 0.00	28.83 -0.50 0.00	25.12 -0.41 0.00	23.38 -0.36 0.00	21.58 -0.31 0.00
HQ_GEN_WHEEL 23651	12.06 -0.25 0.00	11.76 -0.24 0.00	10.67 -0.23 0.00	6.89 -0.15 0.00	5.00 -0.11 0.33	5.00 -0.13 0.62	6.47 -0.17 0.69	6.57 -0.17 0.70	5.54 -0.13 0.00	13.17 -0.32 0.50	12.93 -0.31 0.44	12.58 -0.30 0.35	15.42 -0.36 0.00	15.29 -0.38 1.06	11.57 -0.27 0.09	10.73 -0.25 0.00	17.11 -0.38 0.00	18.29 -0.37 0.00	22.89 -0.44 0.00	27.43 -0.50 0.00	28.83 -0.50 0.00	25.12 -0.41 0.00	23.38 -0.36 0.00	21.58 -0.31 0.00
HUDSON_AVE_GT_3 23810	23.17 0.92 -9.94	19.90 0.88 -7.03	18.91 0.76 -7.25	18.21 0.49 -10.67	18.38 0.38 -12.56	19.16 0.40 -13.01	22.37 0.53 -14.52	26.55 0.54 -18.58	27.67 0.42 -21.59	25.50 1.15 -10.37	27.81 1.15 -12.98	29.11 1.23 -14.65	29.36 1.48 -12.09	30.11 1.52 -11.84	32.70 1.12 -19.64	32.78 1.02 -20.77	39.53 1.54 -20.49	49.74 1.83 -29.25	53.05 2.17 -27.55	43.39 2.54 -12.91	34.65 2.52 -2.80	30.00 2.27 -2.20	27.86 2.28 -1.84	25.68 1.84 -1.96

HUDSON AVE_GT_4 23540	23.17 0.92 -9.94	19.90 0.88 -7.03	18.91 0.76 -7.25	18.21 0.49 -10.67	18.38 0.38 -12.56	19.16 0.40 -13.01	22.37 0.53 -14.52	26.55 0.54 -18.58	27.67 0.42 -21.59	25.50 1.15 -10.37	27.81 1.15 -12.98	29.11 1.23 -14.65	29.36 1.48 -12.09	30.11 1.52 -11.84	32.70 1.12 -19.64	32.78 1.02 -20.77	39.53 1.54 -20.49	49.74 1.83 -29.25	53.05 2.17 -27.55	43.39 2.54 -12.91	34.65 2.52 -2.80	30.00 2.27 -2.20	27.86 2.28 -1.84	25.68 1.84 -1.96
HUDSON AVE_GT_5 23657	23.17 0.92 -9.94	19.90 0.88 -7.03	18.91 0.76 -7.25	18.21 0.49 -10.67	18.38 0.38 -12.56	19.16 0.40 -13.01	22.37 0.53 -14.52	26.55 0.54 -18.58	27.67 0.42 -21.59	25.50 1.15 -10.37	27.81 1.15 -12.98	29.11 1.23 -14.65	29.36 1.48 -12.09	30.11 1.52 -11.84	32.70 1.12 -19.64	32.78 1.02 -20.77	39.53 1.54 -20.49	49.74 1.83 -29.25	53.05 2.17 -27.55	43.39 2.54 -12.91	34.65 2.52 -2.80	30.00 2.27 -2.20	27.86 2.28 -1.84	25.68 1.84 -1.96
HUDSON_AVE_10 24168	23.17 0.92 -9.94	19.90 0.88 -7.03	18.90 0.75 -7.25	18.21 0.49 -10.67	18.37 0.37 -12.56	19.15 0.39 -13.01	22.38 0.53 -14.52	26.55 0.54 -18.58	27.67 0.42 -21.59	25.50 1.15 -10.37	27.81 1.15 -12.98	29.11 1.23 -14.65	29.36 1.48 -12.09	30.11 1.52 -11.84	32.70 1.12 -19.64	32.78 1.02 -20.77	39.53 1.54 -20.49	49.74 1.83 -29.25	53.05 2.17 -27.55	43.39 2.54 -12.91	34.65 2.52 -2.80	30.00 2.27 -2.20	27.86 2.28 -1.84	25.68 1.84 -1.96
HUDSON___115KV_TB 4 355613	24.73 0.54 -11.88	20.91 0.52 -8.39	20.03 0.47 -8.66	20.09 0.30 -12.75	20.69 0.24 -15.00	21.55 0.26 -15.54	24.99 0.32 -17.34	29.90 0.28 -22.19	31.67 0.22 -25.79	26.86 0.49 -12.39	29.62 0.44 -15.50	31.15 0.44 -17.48	30.76 0.54 -14.45	31.47 0.59 -14.15	35.81 0.41 -23.46	36.20 0.41 -24.81	42.64 0.66 -24.48	54.48 0.88 -34.94	57.38 1.14 -32.90	44.68 1.31 -15.43	34.08 1.41 -3.34	29.30 1.15 -2.63	26.92 1.00 -2.19	25.21 0.98 -2.35
HUNTER MOUNT___DRP 323613	24.36 0.53 -11.52	20.63 0.49 -8.14	19.75 0.45 -8.40	19.70 0.29 -12.37	20.23 0.23 -14.55	21.08 0.25 -15.08	24.45 0.31 -16.82	29.22 0.26 -21.53	30.89 0.21 -25.02	26.45 0.45 -12.02	29.12 0.40 -15.04	30.59 0.40 -16.96	30.28 0.49 -14.02	31.00 0.54 -13.72	35.06 0.36 -22.76	35.44 0.38 -24.07	41.89 0.65 -23.75	53.44 0.88 -33.90	56.42 1.17 -31.92	44.24 1.34 -14.97	34.01 1.44 -3.24	29.23 1.15 -2.55	26.84 0.97 -2.13	25.10 0.94 -2.28
HUNTINGTON_RES_REC 323705	26.81 1.21 -13.29	23.03 1.16 -9.87	19.09 0.94 -7.24	18.33 0.63 -10.65	18.93 0.50 -12.99	22.04 0.62 -15.66	25.38 0.84 -17.21	30.54 0.86 -22.24	31.23 0.62 -24.94	25.70 1.34 -10.37	28.55 1.45 -13.42	29.25 1.39 -14.63	29.76 2.07 -11.92	30.26 2.16 -11.36	33.64 1.49 -20.21	37.77 1.43 -25.36	40.78 2.22 -21.06	50.48 2.58 -29.25	59.16 3.03 -32.80	44.79 3.94 -12.91	36.39 3.70 -3.36	29.94 3.47 -0.94	29.20 3.30 -2.17	26.38 2.54 -1.96
HUNTLEY___63 23557	15.16 0.21 -2.64	14.15 0.29 -1.86	13.15 0.33 -1.92	10.09 0.21 -2.83	8.96 0.18 -3.33	9.45 0.24 -3.45	11.43 0.25 -3.85	12.54 0.19 -4.93	11.54 0.15 -5.72	16.96 0.22 -2.75	17.25 0.12 -3.45	17.30 0.19 -3.88	19.31 0.32 -3.21	20.25 0.37 -3.14	17.42 0.27 -5.21	16.77 0.27 -5.51	23.31 0.38 -5.43	26.76 0.34 -7.76	31.06 0.42 -7.31	31.87 0.50 -3.43	30.45 0.38 -0.74	26.44 0.33 -0.58	24.29 0.07 -0.49	22.62 0.22 -0.52
HUNTLEY___64 23558	15.16 0.21 -2.64	14.15 0.29 -1.86	13.15 0.33 -1.92	10.09 0.21 -2.83	8.96 0.18 -3.33	9.45 0.24 -3.45	11.43 0.25 -3.85	12.54 0.19 -4.93	11.54 0.15 -5.72	16.96 0.22 -2.75	17.25 0.12 -3.45	17.30 0.19 -3.88	19.31 0.32 -3.21	20.25 0.37 -3.14	17.42 0.27 -5.21	16.77 0.27 -5.51	23.31 0.38 -5.43	26.76 0.34 -7.76	31.06 0.42 -7.31	31.87 0.50 -3.43	30.45 0.38 -0.74	26.44 0.33 -0.58	24.29 0.07 -0.49	22.62 0.22 -0.52
HUNTLEY___65 23559	15.16 0.21 -2.64	14.15 0.29 -1.86	13.15 0.33 -1.92	10.09 0.21 -2.83	8.96 0.18 -3.33	9.45 0.24 -3.45	11.43 0.25 -3.85	12.54 0.19 -4.93	11.54 0.15 -5.72	16.96 0.22 -2.75	17.25 0.12 -3.45	17.30 0.19 -3.88	19.31 0.32 -3.21	20.25 0.37 -3.14	17.42 0.27 -5.21	16.77 0.27 -5.51	23.31 0.38 -5.43	26.76 0.34 -7.76	31.06 0.42 -7.31	31.87 0.50 -3.43	30.45 0.38 -0.74	26.44 0.33 -0.58	24.29 0.07 -0.49	22.62 0.22 -0.52
HUNTLEY___66 23560	15.16 0.21 -2.64	14.15 0.29 -1.86	13.15 0.33 -1.92	10.09 0.21 -2.83	8.96 0.18 -3.33	9.45 0.24 -3.45	11.43 0.25 -3.85	12.54 0.19 -4.93	11.54 0.15 -5.72	16.96 0.22 -2.75	17.25 0.12 -3.45	17.30 0.19 -3.88	19.31 0.32 -3.21	20.25 0.37 -3.14	17.42 0.27 -5.21	16.77 0.27 -5.51	23.31 0.38 -5.43	26.76 0.34 -7.76	31.06 0.42 -7.31	31.87 0.50 -3.43	30.45 0.38 -0.74	26.44 0.33 -0.58	24.29 0.07 -0.49	22.62 0.22 -0.52
HUNTLEY___67 23561	15.11 0.14 -2.67	14.09 0.20 -1.89	13.10 0.25 -1.95	10.06 0.15 -2.86	8.95 0.14 -3.37	9.43 0.19 -3.49	11.43 0.21 -3.90	12.58 0.16 -4.99	11.58 0.12 -5.79	16.95 0.18 -2.78	17.26 0.10 -3.48	17.31 0.15 -3.93	19.28 0.25 -3.25	20.22 0.30 -3.18	17.45 0.24 -5.27	16.80 0.24 -5.58	23.31 0.31 -5.50	26.77 0.26 -7.85	31.05 0.33 -7.39	31.79 0.39 -3.47	30.34 0.26 -0.75	26.32 0.20 -0.59	24.20 -0.02 -0.49	22.52 0.11 -0.53
HUNTLEY___68 23562	15.11 0.14 -2.67	14.09 0.20 -1.89	13.10 0.25 -1.95	10.06 0.15 -2.86	8.95 0.14 -3.37	9.43 0.19 -3.49	11.43 0.21 -3.90	12.58 0.16 -4.99	11.58 0.12 -5.79	16.95 0.18 -2.78	17.26 0.10 -3.48	17.31 0.15 -3.93	19.28 0.25 -3.25	20.22 0.30 -3.18	17.45 0.24 -5.27	16.80 0.24 -5.58	23.31 0.31 -5.50	26.77 0.26 -7.85	31.05 0.33 -7.39	31.79 0.39 -3.47	30.34 0.26 -0.75	26.32 0.20 -0.59	24.20 -0.02 -0.49	22.52 0.11 -0.53
HYLAND___LFGE 323620	15.99 0.86 -2.82	14.85 0.85 -1.99	13.77 0.81 -2.06	10.59 0.52 -3.03	9.41 0.40 -3.56	9.90 0.45 -3.69	12.04 0.59 -4.12	13.34 0.64 -5.27	12.24 0.45 -6.12	17.82 0.90 -2.94	18.07 0.71 -3.68	17.98 0.60 -4.15	19.94 0.73 -3.43	20.92 0.82 -3.36	18.11 0.60 -5.57	17.47 0.59 -5.89	24.36 1.05 -5.81	28.31 1.34 -8.30	33.17 2.03 -7.82	33.95 2.35 -3.66	32.38 2.26 -0.79	27.86 1.71 -0.62	25.66 1.40 -0.52	23.71 1.27 -0.56
INDECK___CORINTH 23802	25.60 0.60 -12.68	21.54 0.58 -8.96	20.66 0.51 -9.25	20.98 0.32 -13.61	21.72 0.26 -16.02	22.63 0.28 -16.60	26.20 0.36 -18.52	31.51 0.38 -23.70	33.53 0.33 -27.54	27.99 0.77 -13.23	30.96 0.72 -16.56	32.66 0.75 -18.67	32.06 0.85 -15.43	32.77 0.92 -15.11	37.57 0.57 -25.06	38.08 0.59 -26.50	44.57 0.93 -26.15	57.14 1.16 -37.32	59.94 1.47 -35.14	46.17 1.76 -16.48	34.72 1.82 -3.57	29.87 1.53 -2.81	27.38 1.30 -2.34	25.52 1.14 -2.51
INDECK___ILION 23567	12.80 0.26 -0.24	12.41 0.24 -0.17	11.29 0.22 -0.17	7.44 0.14 -0.25	5.94 0.10 -0.39	6.35 0.11 -0.49	8.01 0.15 -0.54	8.22 0.14 -0.64	6.28 0.11 -0.51	14.64 0.27 -0.39	14.35 0.23 -0.43	13.89 0.21 -0.45	16.30 0.24 -0.29	17.58 0.25 -0.59	12.61 0.18 -0.49	11.65 0.18 -0.49	18.26 0.28 -0.48	19.69 0.34 -0.69	24.43 0.44 -0.65	28.77 0.53 -0.31	29.98 0.59 -0.07	26.12 0.54 -0.05	24.28 0.50 -0.04	22.39 0.46 -0.05

INDECK___OLEAN 23982	15.14 -0.07 -2.90	14.05 0.00 -2.05	13.07 0.05 -2.11	10.17 0.01 -3.11	9.15 0.04 -3.66	9.64 0.09 -3.79	11.65 0.09 -4.23	12.95 0.10 -5.42	12.04 0.08 -6.30	17.08 0.07 -3.03	17.45 -0.01 -3.79	17.58 0.08 -4.27	19.47 0.16 -3.53	20.40 0.20 -3.45	17.83 0.17 -5.73	17.21 0.17 -6.06	23.77 0.30 -5.98	27.47 0.28 -8.53	31.74 0.37 -8.03	32.07 0.36 -3.77	30.41 0.26 -0.82	26.35 0.18 -0.64	24.20 -0.07 -0.54	22.39 -0.07 -0.57
INDECK___OSWEGO 23783	13.87 -0.11 -1.67	13.07 -0.11 -1.18	12.03 -0.09 -1.22	8.78 -0.06 -1.79	7.52 -0.04 -2.11	7.90 -0.04 -2.19	9.72 -0.04 -2.44	10.51 -0.04 -3.12	9.26 -0.03 -3.63	15.65 -0.08 -1.74	15.79 -0.07 -2.18	15.59 -0.11 -2.46	17.65 -0.16 -2.03	18.56 -0.17 -1.99	15.11 -0.13 -3.30	14.35 -0.13 -3.49	20.73 -0.21 -3.44	23.21 -0.37 -4.92	27.47 -0.49 -4.63	29.47 -0.64 -2.17	29.13 -0.67 -0.47	25.28 -0.61 -0.37	23.45 -0.59 -0.31	21.71 -0.50 -0.33
INDECK___YERKES 23781	15.16 0.21 -2.64	14.16 0.30 -1.86	13.15 0.33 -1.92	10.09 0.21 -2.83	8.96 0.19 -3.33	9.45 0.25 -3.45	11.43 0.25 -3.85	12.54 0.19 -4.93	11.54 0.15 -5.72	16.96 0.22 -2.75	17.25 0.12 -3.44	17.31 0.20 -3.88	19.32 0.33 -3.21	20.27 0.39 -3.14	17.43 0.29 -5.21	16.78 0.29 -5.51	23.33 0.40 -5.43	26.76 0.34 -7.76	31.08 0.44 -7.31	31.84 0.47 -3.43	30.45 0.38 -0.74	26.39 0.28 -0.58	24.27 0.05 -0.49	22.62 0.22 -0.52
INDIAN POINT_GT_1 24139	22.84 0.76 -9.77	19.63 0.73 -6.90	18.67 0.64 -7.12	17.94 0.42 -10.48	18.10 0.32 -12.34	18.87 0.34 -12.78	22.03 0.45 -14.26	26.14 0.45 -18.25	27.22 0.35 -21.21	25.11 0.94 -10.19	27.36 0.93 -12.75	28.59 0.98 -14.38	28.86 1.20 -11.88	29.63 1.26 -11.63	32.15 0.92 -19.30	32.24 0.85 -20.41	38.92 1.29 -20.13	48.95 1.55 -28.74	52.26 1.87 -27.06	42.78 2.15 -12.69	34.25 2.17 -2.75	29.60 1.91 -2.16	27.41 1.88 -1.80	25.32 1.51 -1.93
INDIAN POINT_GT_2 23659	22.84 0.76 -9.77	19.63 0.73 -6.90	18.67 0.64 -7.12	17.94 0.42 -10.48	18.10 0.32 -12.34	18.87 0.34 -12.78	22.03 0.45 -14.26	26.14 0.45 -18.25	27.22 0.35 -21.21	25.11 0.94 -10.19	27.36 0.93 -12.75	28.59 0.98 -14.38	28.86 1.20 -11.88	29.63 1.26 -11.63	32.15 0.92 -19.30	32.24 0.85 -20.41	38.92 1.29 -20.13	48.95 1.55 -28.74	52.26 1.87 -27.06	42.78 2.15 -12.69	34.25 2.17 -2.75	29.60 1.91 -2.16	27.41 1.88 -1.80	25.32 1.51 -1.93
INDIAN POINT_GT_3 24019	22.84 0.76 -9.77	19.63 0.73 -6.90	18.67 0.64 -7.12	17.94 0.42 -10.48	18.10 0.32 -12.34	18.87 0.34 -12.78	22.03 0.45 -14.26	26.14 0.45 -18.25	27.22 0.35 -21.21	25.11 0.94 -10.19	27.36 0.93 -12.75	28.59 0.98 -14.38	28.86 1.20 -11.88	29.63 1.26 -11.63	32.15 0.92 -19.30	32.24 0.85 -20.41	38.92 1.29 -20.13	48.95 1.55 -28.74	52.26 1.87 -27.06	42.78 2.15 -12.69	34.25 2.17 -2.75	29.60 1.91 -2.16	27.41 1.88 -1.80	25.32 1.51 -1.93
INDIAN POINT___2 23530	22.49 0.74 -9.44	19.38 0.71 -6.67	18.42 0.63 -6.88	17.58 0.41 -10.13	17.69 0.32 -11.93	18.43 0.33 -12.36	21.54 0.43 -13.79	25.51 0.44 -17.64	26.50 0.34 -20.50	24.73 0.90 -9.85	26.91 0.90 -12.33	28.08 0.95 -13.90	28.43 1.17 -11.49	29.19 1.21 -11.25	31.49 0.90 -18.65	31.53 0.82 -19.73	38.22 1.26 -19.46	47.95 1.51 -27.78	51.28 1.80 -26.16	42.32 2.12 -12.26	34.10 2.11 -2.66	29.48 1.86 -2.09	27.31 1.83 -1.74	25.21 1.47 -1.86
INDIAN POINT___3 23531	23.11 0.79 -10.01	19.83 0.76 -7.08	18.87 0.67 -7.30	18.22 0.43 -10.75	18.43 0.33 -12.65	19.21 0.35 -13.11	22.41 0.46 -14.62	26.61 0.47 -18.71	27.77 0.36 -21.74	25.40 0.97 -10.45	27.72 0.97 -13.07	28.99 1.02 -14.74	29.21 1.25 -12.18	29.96 1.29 -11.93	32.68 0.96 -19.79	32.78 0.87 -20.92	39.47 1.33 -20.64	49.72 1.59 -29.47	52.99 1.91 -27.75	43.18 2.23 -13.01	34.37 2.23 -2.82	29.71 1.97 -2.22	27.51 1.92 -1.85	25.44 1.58 -1.98
INGHAM_C_115KV_TB7 356103	13.04 0.49 -0.24	12.63 0.47 -0.17	11.50 0.43 -0.17	7.56 0.27 -0.25	6.03 0.20 -0.39	6.45 0.21 -0.49	8.15 0.28 -0.54	8.34 0.27 -0.64	6.38 0.20 -0.51	14.85 0.48 -0.39	14.55 0.44 -0.43	14.05 0.37 -0.45	16.48 0.41 -0.29	17.78 0.45 -0.59	12.75 0.32 -0.49	11.77 0.30 -0.49	18.47 0.49 -0.48	19.91 0.56 -0.69	24.73 0.75 -0.65	29.16 0.92 -0.31	30.48 1.09 -0.07	26.58 1.00 -0.05	24.73 0.95 -0.04	22.85 0.92 -0.05
IP CORINTH___1 23988	25.60 0.60 -12.68	21.54 0.58 -8.96	20.66 0.51 -9.25	20.98 0.32 -13.61	21.72 0.26 -16.02	22.63 0.28 -16.60	26.20 0.36 -18.52	31.51 0.37 -23.70	33.53 0.33 -27.54	27.99 0.77 -13.23	30.96 0.72 -16.56	32.66 0.75 -18.67	32.06 0.85 -15.43	32.77 0.92 -15.11	37.57 0.57 -25.06	38.08 0.59 -26.50	44.57 0.93 -26.15	57.14 1.16 -37.32	59.94 1.47 -35.14	46.17 1.76 -16.48	34.72 1.82 -3.57	29.87 1.53 -2.81	27.38 1.31 -2.34	25.52 1.14 -2.51
IP___TICONDEROGA 23804	26.09 1.11 -12.67	22.01 1.06 -8.95	21.08 0.94 -9.24	21.23 0.59 -13.60	21.91 0.46 -16.00	22.84 0.51 -16.58	26.48 0.66 -18.50	31.79 0.68 -23.68	33.78 0.61 -27.51	28.64 1.44 -13.22	31.57 1.35 -16.54	33.25 1.36 -18.65	32.55 1.36 -15.41	33.31 1.47 -15.09	37.87 0.90 -25.03	38.40 0.94 -26.47	45.10 1.49 -26.12	57.74 1.79 -37.28	60.75 2.31 -35.11	47.47 3.07 -16.46	36.12 3.23 -3.56	30.96 2.63 -2.80	28.31 2.23 -2.34	26.38 1.99 -2.50
ISLIP_RES_REC 323679	26.94 1.29 -13.34	23.25 1.38 -9.87	19.20 1.05 -7.24	18.44 0.70 -10.70	19.14 0.55 -13.15	22.34 0.87 -15.72	25.74 1.15 -17.26	30.87 1.14 -22.29	31.43 0.82 -24.94	25.81 1.45 -10.37	28.70 1.55 -13.48	29.34 1.48 -14.63	31.01 2.70 -12.54	32.80 2.76 -13.30	38.10 1.81 -24.35	38.37 1.87 -25.51	41.48 2.92 -21.06	51.19 3.29 -29.25	60.00 3.87 -32.80	46.41 5.56 -12.91	37.41 4.66 -3.42	35.41 4.72 -5.16	30.49 4.53 -2.22	27.15 3.30 -1.96
JAMAICA__27_KV_LOAD 355505	23.32 1.07 -9.94	20.02 1.00 -7.03	19.01 0.86 -7.25	18.27 0.56 -10.67	18.43 0.42 -12.56	19.22 0.45 -13.01	22.47 0.62 -14.52	26.64 0.63 -18.58	27.74 0.49 -21.59	25.69 1.33 -10.37	27.97 1.31 -12.98	29.27 1.39 -14.65	29.55 1.67 -12.09	30.33 1.74 -11.84	32.87 1.28 -19.65	32.92 1.16 -20.77	39.75 1.77 -20.49	50.01 2.09 -29.25	53.35 2.47 -27.55	43.78 2.93 -12.91	35.03 2.90 -2.80	30.34 2.60 -2.21	28.17 2.59 -1.85	25.95 2.10 -1.96
JANIS___SOLAR 323808	16.73 0.74 -3.68	15.32 0.72 -2.60	14.26 0.68 -2.68	11.42 0.43 -3.95	10.42 0.33 -4.65	10.93 0.37 -4.81	13.19 0.49 -5.37	14.81 0.51 -6.87	14.03 0.38 -7.99	18.73 0.91 -3.84	19.34 0.86 -4.80	19.43 0.78 -5.41	21.09 0.84 -4.47	22.01 0.89 -4.38	19.82 0.62 -7.27	19.24 0.57 -7.68	26.07 1.00 -7.58	30.66 1.18 -10.82	35.13 1.61 -10.19	34.50 1.79 -4.78	32.24 1.88 -1.03	27.85 1.51 -0.81	25.70 1.28 -0.68	23.77 1.16 -0.73
JARVIS____ 23743	12.61 0.06 -0.24	12.23 0.06 -0.17	11.13 0.05 -0.17	7.33 0.04 -0.25	5.86 0.02 -0.39	6.27 0.03 -0.49	7.91 0.04 -0.54	8.11 0.04 -0.64	6.20 0.03 -0.51	14.45 0.07 -0.39	14.18 0.07 -0.43	13.75 0.07 -0.45	16.15 0.08 -0.29	17.42 0.08 -0.59	12.49 0.06 -0.49	11.53 0.06 -0.49	18.07 0.09 -0.48	19.47 0.11 -0.69	24.12 0.14 -0.65	28.41 0.17 -0.31	29.57 0.18 -0.07	25.73 0.15 -0.05	23.90 0.12 -0.04	22.04 0.11 -0.05

JENNISON___1 23625	17.40 0.78 -4.32	15.80 0.74 -3.05	14.77 0.72 -3.15	12.14 0.46 -4.64	11.25 0.35 -5.46	11.78 0.37 -5.65	14.13 0.50 -6.31	16.00 0.50 -8.07	15.43 0.39 -9.38	19.44 0.95 -4.51	20.26 0.94 -5.64	20.49 0.90 -6.36	22.03 0.99 -5.25	22.96 1.07 -5.15	21.24 0.76 -8.53	20.69 0.68 -9.02	27.53 1.14 -8.90	32.72 1.34 -12.71	37.05 1.75 -11.97	35.53 1.98 -5.61	32.63 2.08 -1.22	28.19 1.71 -0.96	26.00 1.47 -0.80	24.07 1.33 -0.85
JENNISON___2 23626	17.40 0.78 -4.32	15.80 0.74 -3.05	14.77 0.72 -3.15	12.14 0.46 -4.64	11.25 0.35 -5.46	11.78 0.37 -5.65	14.13 0.50 -6.31	16.00 0.50 -8.07	15.43 0.39 -9.38	19.44 0.95 -4.51	20.26 0.94 -5.64	20.49 0.90 -6.36	22.03 0.99 -5.25	22.96 1.07 -5.15	21.24 0.76 -8.53	20.69 0.68 -9.02	27.53 1.14 -8.90	32.72 1.34 -12.71	37.05 1.75 -11.97	35.53 1.98 -5.61	32.63 2.08 -1.22	28.19 1.71 -0.96	26.00 1.47 -0.80	24.07 1.33 -0.85
JERICHO_RISE_WT_PWR 323719	11.66 -0.65 0.00	11.32 -0.68 0.00	10.21 -0.70 0.00	6.59 -0.46 0.00	3.55 -0.34 1.56	2.43 -0.40 2.92	3.59 -0.50 3.23	3.65 -0.51 3.28	5.30 -0.37 0.00	10.67 -0.96 2.35	10.65 -0.97 2.06	10.68 -0.91 1.64	14.77 -1.01 0.00	10.70 -1.04 5.01	10.74 -0.75 0.44	10.31 -0.67 0.00	16.53 -0.96 0.00	17.84 -0.82 0.00	22.56 -0.77 0.00	27.27 -0.67 0.00	28.74 -0.59 0.00	25.17 -0.36 0.00	23.50 -0.24 0.00	21.82 -0.07 0.00
KATONAH___115KV_46KV_TB4 355592	23.21 0.85 -10.05	19.92 0.82 -7.10	18.94 0.71 -7.33	18.29 0.46 -10.79	18.50 0.35 -12.70	19.27 0.37 -13.16	22.49 0.49 -14.68	26.72 0.51 -18.78	27.88 0.39 -21.83	25.52 1.05 -10.49	27.84 1.04 -13.12	29.14 1.11 -14.80	29.37 1.36 -12.23	30.12 1.41 -11.98	32.82 1.03 -19.86	32.93 0.94 -21.00	39.70 1.49 -20.72	49.96 1.72 -29.58	53.28 2.10 -27.85	43.40 2.40 -13.06	34.59 2.43 -2.83	29.87 2.12 -2.22	27.63 2.04 -1.86	25.51 1.64 -1.99
KCE_NY_1 323755	25.61 0.65 -12.65	21.58 0.64 -8.94	20.69 0.57 -9.22	20.99 0.37 -13.58	21.71 0.28 -15.98	22.62 0.31 -16.56	26.19 0.40 -18.47	31.47 0.40 -23.64	33.46 0.33 -27.47	27.97 0.78 -13.20	30.93 0.74 -16.52	32.62 0.77 -18.62	32.07 0.90 -15.39	32.78 0.97 -15.07	37.58 0.64 -25.00	38.04 0.63 -26.43	44.57 1.00 -26.08	57.10 1.21 -37.23	59.92 1.54 -35.05	46.19 1.81 -16.43	34.77 1.88 -3.56	29.94 1.61 -2.80	27.47 1.40 -2.34	25.61 1.22 -2.50
KCE_NY_6_ESR 323823	15.21 0.17 -2.73	14.17 0.24 -1.93	13.16 0.27 -1.99	10.14 0.17 -2.93	9.04 0.15 -3.44	9.53 0.21 -3.57	11.54 0.23 -3.98	12.73 0.20 -5.09	11.75 0.16 -5.92	17.09 0.27 -2.84	17.41 0.18 -3.56	17.50 0.25 -4.01	19.49 0.39 -3.32	20.42 0.43 -3.25	17.66 0.33 -5.38	17.01 0.33 -5.69	23.60 0.49 -5.62	27.13 0.45 -8.02	31.49 0.61 -7.55	32.12 0.64 -3.54	30.62 0.53 -0.77	26.54 0.41 -0.60	24.41 0.17 -0.50	22.68 0.26 -0.54
KEDC_PORT_JEFF_GT2 24210	26.93 1.27 -13.35	23.21 1.34 -9.87	19.16 1.01 -7.24	18.44 0.68 -10.71	19.15 0.53 -13.17	22.34 0.86 -15.72	25.74 1.14 -17.27	30.87 1.14 -22.30	31.41 0.80 -24.94	25.74 1.38 -10.37	28.67 1.50 -13.49	29.30 1.44 -14.63	31.10 2.68 -12.63	33.08 2.73 -13.61	38.74 1.76 -25.05	38.33 1.80 -25.54	41.36 2.80 -21.06	51.06 3.15 -29.25	59.77 3.64 -32.80	46.18 5.34 -12.91	37.24 4.49 -3.42	36.03 4.62 -5.88	30.40 4.44 -2.23	27.06 3.22 -1.96
KEDC_PORT_JEFF_GT3 24211	26.93 1.27 -13.35	23.21 1.34 -9.87	19.16 1.01 -7.24	18.44 0.68 -10.71	19.15 0.53 -13.17	22.34 0.86 -15.72	25.74 1.14 -17.27	30.87 1.14 -22.30	31.41 0.80 -24.94	25.74 1.38 -10.37	28.67 1.50 -13.49	29.30 1.44 -14.63	31.10 2.68 -12.63	33.08 2.73 -13.61	38.74 1.76 -25.05	38.33 1.80 -25.54	41.36 2.80 -21.06	51.06 3.15 -29.25	59.77 3.64 -32.80	46.18 5.34 -12.91	37.24 4.49 -3.42	36.03 4.62 -5.88	30.40 4.44 -2.23	27.06 3.22 -1.96
KEDC_GLWD_GT4 24219	26.69 1.07 -13.31	22.89 1.02 -9.87	19.03 0.88 -7.24	18.28 0.57 -10.67	18.94 0.45 -13.04	21.90 0.47 -15.68	25.17 0.62 -17.23	30.33 0.64 -22.26	31.10 0.49 -24.94	25.64 1.29 -10.37	28.42 1.30 -13.44	29.17 1.31 -14.63	29.49 1.61 -12.10	30.38 1.71 -11.93	34.66 1.25 -21.47	37.53 1.14 -25.41	40.32 1.77 -21.06	49.98 2.07 -29.25	58.63 2.50 -32.80	43.78 2.93 -12.91	35.67 2.96 -3.38	30.33 2.58 -2.23	28.39 2.47 -2.18	25.88 2.04 -1.96
KEDC_GLWD_GT5 24220	26.69 1.07 -13.31	22.89 1.02 -9.87	19.03 0.88 -7.24	18.28 0.57 -10.67	18.94 0.45 -13.04	21.90 0.47 -15.68	25.17 0.62 -17.23	30.33 0.64 -22.26	31.10 0.49 -24.94	25.64 1.29 -10.37	28.42 1.30 -13.44	29.17 1.31 -14.63	29.49 1.61 -12.10	30.38 1.71 -11.93	34.66 1.25 -21.47	37.53 1.14 -25.41	40.32 1.77 -21.06	49.98 2.07 -29.25	58.63 2.50 -32.80	43.78 2.93 -12.91	35.67 2.96 -3.38	30.33 2.58 -2.23	28.39 2.47 -2.18	25.88 2.04 -1.96
KENSICO____ 23655	23.05 0.81 -9.93	19.80 0.78 -7.02	18.82 0.68 -7.24	18.14 0.44 -10.66	18.32 0.34 -12.54	19.10 0.36 -12.99	22.30 0.48 -14.50	26.47 0.48 -18.55	27.59 0.37 -21.56	25.34 0.99 -10.36	27.64 1.00 -12.96	28.90 1.06 -14.61	29.13 1.28 -12.08	29.91 1.34 -11.83	32.53 0.98 -19.61	32.63 0.90 -20.74	39.34 1.38 -20.46	49.50 1.62 -29.21	52.80 1.96 -27.50	43.12 2.29 -12.90	34.41 2.29 -2.79	29.74 2.02 -2.20	27.56 1.99 -1.83	25.44 1.60 -1.96
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	22.25 0.82 -9.11	19.22 0.78 -6.44	18.23 0.69 -6.64	17.28 0.46 -9.78	17.30 0.35 -11.51	18.02 0.35 -11.92	21.08 0.45 -13.30	24.91 0.45 -17.03	25.79 0.35 -19.78	24.37 0.88 -9.51	26.45 0.88 -11.89	27.56 0.91 -13.41	27.98 1.12 -11.08	28.78 1.19 -10.85	30.82 0.88 -18.00	30.86 0.83 -19.04	37.60 1.33 -18.78	47.08 1.60 -26.81	50.56 1.98 -25.24	42.06 2.29 -11.84	34.21 2.32 -2.56	29.53 1.99 -2.02	27.36 1.95 -1.68	25.26 1.58 -1.80
KIAC_JFK_GT1 23816	23.29 1.03 -9.94	20.00 0.97 -7.03	18.99 0.84 -7.25	18.26 0.54 -10.67	18.41 0.41 -12.56	19.20 0.44 -13.01	22.45 0.60 -14.52	26.62 0.61 -18.58	27.72 0.47 -21.59	25.64 1.29 -10.37	27.93 1.27 -12.98	29.23 1.35 -14.65	29.50 1.63 -12.09	30.28 1.69 -11.84	32.82 1.23 -19.65	32.88 1.12 -20.77	39.68 1.70 -20.49	49.93 2.02 -29.25	53.26 2.38 -27.55	43.67 2.82 -12.91	34.94 2.82 -2.80	30.24 2.50 -2.21	28.10 2.52 -1.85	25.88 2.03 -1.96
KIAC_JFK_GT2 23817	23.29 1.03 -9.94	20.00 0.97 -7.03	18.99 0.84 -7.25	18.26 0.54 -10.67	18.41 0.41 -12.56	19.20 0.44 -13.01	22.45 0.60 -14.52	26.62 0.61 -18.58	27.72 0.47 -21.59	25.64 1.29 -10.37	27.93 1.27 -12.98	29.23 1.35 -14.65	29.50 1.63 -12.09	30.28 1.69 -11.84	32.82 1.23 -19.65	32.88 1.12 -20.77	39.68 1.70 -20.49	49.93 2.02 -29.25	53.26 2.38 -27.55	43.67 2.82 -12.91	34.94 2.82 -2.80	30.24 2.50 -2.21	28.10 2.52 -1.85	25.88 2.03 -1.96
KIAC_JFK____ 323774	23.29 1.03 -9.94	20.00 0.97 -7.03	18.99 0.84 -7.25	18.26 0.54 -10.67	18.41 0.41 -12.56	19.20 0.44 -13.01	22.45 0.60 -14.52	26.63 0.62 -18.58	27.72 0.47 -21.59	25.63 1.27 -10.37	27.94 1.29 -12.98	29.23 1.35 -14.65	29.50 1.63 -12.09	30.28 1.69 -11.84	32.82 1.23 -19.65	32.88 1.12 -20.77	39.68 1.70 -20.49	49.93 2.02 -29.25	53.26 2.38 -27.55	43.70 2.85 -12.91	34.94 2.82 -2.80	30.26 2.53 -2.21	28.10 2.51 -1.85	25.88 2.04 -1.96

KINTIGH____ 23543	14.99 0.21 -2.47	14.01 0.26 -1.75	13.00 0.29 -1.80	9.89 0.19 -2.65	8.72 0.16 -3.12	9.19 0.20 -3.23	11.16 0.23 -3.61	12.24 0.19 -4.62	11.18 0.15 -5.37	16.82 0.25 -2.58	17.10 0.19 -3.23	17.07 0.20 -3.64	19.09 0.30 -3.01	20.02 0.33 -2.94	17.08 0.26 -4.88	16.40 0.25 -5.16	22.92 0.33 -5.09	26.21 0.28 -7.27	30.50 0.33 -6.85	31.54 0.39 -3.21	30.32 0.29 -0.70	26.30 0.23 -0.55	24.22 0.02 -0.46	22.52 0.15 -0.49
KNTFSRNC_46_KV_46KV_LOAD 80397	11.82 -0.49 0.00	11.47 -0.53 0.00	10.33 -0.58 0.00	6.66 -0.38 0.00	3.59 -0.27 1.58	2.45 -0.34 2.97	3.63 -0.41 3.29	3.69 -0.41 3.33	5.38 -0.28 0.00	10.81 -0.78 2.39	10.79 -0.79 2.09	10.80 -0.77 1.66	14.96 -0.82 0.00	10.83 -0.82 5.09	10.88 -0.61 0.45	10.47 -0.52 0.00	16.78 -0.72 0.00	18.12 -0.54 0.00	22.93 -0.40 0.00	27.71 -0.22 0.00	29.18 -0.15 0.00	25.55 0.03 0.00	23.83 0.09 0.00	22.12 0.24 0.00
LACHUTE__HYDRO 323717	26.09 1.11 -12.67	22.01 1.06 -8.95	21.08 0.94 -9.24	21.23 0.59 -13.60	21.91 0.46 -16.00	22.84 0.51 -16.58	26.49 0.66 -18.50	31.80 0.69 -23.68	33.78 0.61 -27.51	28.64 1.44 -13.22	31.58 1.35 -16.54	33.25 1.36 -18.65	32.55 1.36 -15.41	33.31 1.47 -15.09	37.87 0.90 -25.03	38.40 0.94 -26.47	45.10 1.49 -26.12	57.74 1.79 -37.28	60.75 2.31 -35.11	47.47 3.07 -16.46	36.12 3.23 -3.56	30.96 2.63 -2.80	28.30 2.23 -2.34	26.38 1.99 -2.50
LAWRNCV_115KV_TB1 80681	12.15 -0.44 -0.28	11.74 -0.46 -0.20	10.67 -0.44 -0.20	7.07 -0.27 -0.30	4.25 -0.24 0.95	3.33 -0.34 2.08	4.61 -0.42 2.30	4.78 -0.43 2.23	5.93 -0.35 -0.61	11.43 -0.88 1.68	11.47 -0.85 1.36	11.43 -0.85 0.96	15.13 -0.99 -0.34	11.82 -1.05 3.87	11.36 -0.76 -0.18	10.88 -0.69 -0.59	17.02 -1.05 -0.58	18.46 -1.03 -0.82	22.96 -1.14 -0.78	26.99 -1.31 -0.36	28.09 -1.32 -0.08	24.59 -1.00 -0.06	23.08 -0.71 -0.05	21.46 -0.48 -0.06
LEDERLE____ 23769	22.13 0.74 -9.09	19.13 0.71 -6.42	18.16 0.63 -6.62	17.22 0.42 -9.75	17.25 0.33 -11.48	17.97 0.33 -11.89	21.02 0.42 -13.27	24.85 0.44 -16.98	25.73 0.33 -19.73	24.35 0.88 -9.48	26.42 0.88 -11.86	27.53 0.93 -13.37	27.97 1.14 -11.05	28.75 1.19 -10.82	30.77 0.88 -17.95	30.78 0.81 -18.98	37.48 1.26 -18.73	46.91 1.51 -26.73	50.32 1.82 -25.17	41.83 2.10 -11.80	34.03 2.14 -2.56	29.38 1.84 -2.01	27.22 1.80 -1.68	25.12 1.44 -1.79
LIGHTHSE_115KV_TB6 355974	13.93 0.02 -1.59	13.14 0.01 -1.13	12.10 0.03 -1.16	8.77 0.01 -1.71	7.36 0.01 -1.90	7.64 0.01 -1.87	9.45 0.03 -2.09	10.19 0.02 -2.74	9.14 0.01 -3.46	15.51 0.03 -1.49	15.65 0.04 -1.93	15.45 -0.01 -2.23	17.64 -0.08 -1.94	18.21 -0.07 -1.53	14.99 -0.06 -3.12	14.24 -0.08 -3.33	20.69 -0.09 -3.29	23.16 -0.19 -4.69	27.54 -0.21 -4.42	29.70 -0.31 -2.07	29.45 -0.32 -0.45	25.60 -0.28 -0.35	23.74 -0.28 -0.29	21.96 -0.24 -0.31
LINDEN COGEN____ 23786	23.10 0.85 -9.94	19.83 0.80 -7.03	18.85 0.70 -7.25	18.17 0.45 -10.67	18.34 0.34 -12.56	19.12 0.36 -13.01	22.32 0.48 -14.52	26.51 0.50 -18.58	27.63 0.38 -21.59	25.42 1.06 -10.37	27.73 1.07 -12.98	29.02 1.14 -14.65	29.26 1.39 -12.09	30.01 1.42 -11.84	32.62 1.04 -19.64	32.70 0.94 -20.77	39.40 1.42 -20.49	49.63 1.72 -29.25	52.86 1.98 -27.55	43.22 2.37 -12.91	34.47 2.35 -2.80	29.87 2.14 -2.20	27.74 2.16 -1.84	25.57 1.73 -1.96
LINDHRST_69_KV_BK1 356055	26.79 1.18 -13.30	23.04 1.18 -9.86	19.12 0.97 -7.24	18.33 0.62 -10.67	18.97 0.48 -13.04	21.98 0.56 -15.67	25.27 0.73 -17.22	30.44 0.75 -22.25	31.18 0.58 -24.94	25.74 1.38 -10.37	28.55 1.44 -13.44	29.27 1.40 -14.63	29.67 1.77 -12.13	30.61 1.84 -12.03	34.94 1.33 -21.68	37.63 1.24 -25.41	40.53 1.98 -21.06	50.17 2.26 -29.25	58.95 2.82 -32.79	43.98 3.13 -12.91	35.87 3.17 -3.37	30.63 2.65 -2.45	28.60 2.68 -2.18	26.12 2.28 -1.96
LIPA_MISC_IPP 23656	26.81 1.16 -13.34	23.33 1.46 -9.86	19.09 0.94 -7.24	18.38 0.63 -10.71	19.12 0.52 -13.16	22.36 0.89 -15.71	25.73 1.15 -17.26	30.89 1.17 -22.29	31.43 0.83 -24.94	25.42 1.06 -10.37	28.53 1.38 -13.47	29.15 1.28 -14.63	31.13 2.76 -12.59	33.03 2.80 -13.49	38.56 1.81 -24.80	38.38 1.87 -25.52	41.30 2.75 -21.06	50.93 3.02 -29.25	60.02 3.90 -32.79	44.81 3.97 -12.91	36.14 3.40 -3.41	33.89 2.73 -5.63	28.64 2.68 -2.22	25.92 2.08 -1.96
LISF__SOLAR 323691	26.90 1.24 -13.35	23.21 1.34 -9.87	19.14 0.99 -7.24	18.43 0.68 -10.71	19.13 0.52 -13.16	22.37 0.90 -15.72	25.79 1.20 -17.27	30.92 1.18 -22.30	31.43 0.82 -24.94	25.67 1.31 -10.37	28.63 1.46 -13.48	29.25 1.39 -14.63	31.14 2.76 -12.60	33.06 2.83 -13.49	38.55 1.83 -24.79	38.43 1.91 -25.53	41.55 2.99 -21.06	51.27 3.36 -29.25	59.96 3.83 -32.80	46.60 5.75 -12.91	37.53 4.78 -3.42	36.09 4.95 -5.61	30.64 4.68 -2.23	27.17 3.32 -1.96
LITTLE FALLS__HYD 24013	13.04 0.49 -0.24	12.63 0.47 -0.17	11.50 0.43 -0.17	7.56 0.27 -0.25	6.03 0.20 -0.39	6.45 0.21 -0.49	8.15 0.28 -0.54	8.34 0.27 -0.64	6.38 0.20 -0.51	14.85 0.48 -0.39	14.55 0.44 -0.43	14.05 0.37 -0.45	16.48 0.41 -0.29	17.78 0.45 -0.59	12.75 0.32 -0.49	11.77 0.30 -0.49	18.47 0.49 -0.48	19.91 0.56 -0.69	24.73 0.75 -0.65	29.16 0.92 -0.31	30.48 1.09 -0.07	26.58 1.00 -0.05	24.73 0.95 -0.04	22.85 0.92 -0.05
LITTLRIV_115KV_TB1 356100	12.33 -0.30 -0.32	11.90 -0.32 -0.23	10.83 -0.31 -0.23	7.20 -0.19 -0.34	4.42 -0.19 0.83	3.55 -0.30 1.90	4.87 -0.35 2.10	5.05 -0.38 2.01	6.05 -0.31 -0.69	11.67 -0.78 1.53	11.70 -0.77 1.22	11.64 -0.77 0.83	15.24 -0.93 -0.39	12.17 -0.97 3.60	11.51 -0.70 -0.28	11.02 -0.64 -0.67	17.21 -0.94 -0.66	18.76 -0.84 -0.94	23.38 -0.84 -0.89	27.35 -1.01 -0.42	28.45 -0.97 -0.09	24.88 -0.71 -0.07	23.34 -0.45 -0.06	21.75 -0.20 -0.06
LI_NEWBRDGE__DRP 323616	26.56 0.95 -13.30	22.77 0.91 -9.86	18.91 0.76 -7.24	18.21 0.50 -10.67	18.88 0.40 -13.03	21.85 0.43 -15.67	25.10 0.56 -17.22	30.26 0.57 -22.25	31.04 0.44 -24.94	25.49 1.13 -10.37	28.27 1.16 -13.43	29.03 1.16 -14.63	29.34 1.47 -12.09	30.19 1.54 -11.91	34.49 1.12 -21.43	37.42 1.03 -25.40	40.12 1.57 -21.06	49.74 1.83 -29.25	58.36 2.24 -32.79	43.39 2.54 -12.91	35.34 2.64 -3.37	30.00 2.27 -2.20	28.19 2.28 -2.18	25.66 1.82 -1.96
LOCKPORT_115KV_TB60_63_64 80432	15.03 0.14 -2.58	14.03 0.20 -1.82	13.04 0.25 -1.88	9.97 0.15 -2.77	8.84 0.14 -3.26	9.32 0.19 -3.38	11.29 0.20 -3.77	12.41 0.15 -4.82	11.38 0.11 -5.60	16.81 0.13 -2.69	17.09 0.04 -3.37	17.13 0.09 -3.80	19.13 0.21 -3.14	20.05 0.23 -3.08	17.23 0.19 -5.10	16.58 0.20 -5.39	23.06 0.24 -5.32	26.45 0.19 -7.60	30.74 0.26 -7.15	31.60 0.31 -3.35	30.23 0.18 -0.73	26.25 0.15 -0.57	24.14 -0.07 -0.48	22.44 0.04 -0.51
LOCKPORT__CC1 323769	15.04 0.14 -2.59	14.04 0.20 -1.83	13.03 0.24 -1.89	9.98 0.15 -2.78	8.86 0.14 -3.28	9.33 0.19 -3.39	11.31 0.20 -3.79	12.43 0.15 -4.84	11.41 0.12 -5.63	16.84 0.15 -2.70	17.12 0.05 -3.38	17.15 0.11 -3.82	19.15 0.22 -3.15	20.08 0.25 -3.09	17.26 0.20 -5.12	16.61 0.21 -5.42	23.10 0.26 -5.34	26.48 0.19 -7.63	30.80 0.28 -7.18	31.56 0.25 -3.37	30.21 0.15 -0.73	26.18 0.08 -0.57	24.12 -0.09 -0.48	22.44 0.04 -0.51

LOCKPORT___CC2 323770	15.04 0.14 -2.59	14.04 0.20 -1.83	13.03 0.24 -1.89	9.98 0.15 -2.78	8.86 0.14 -3.28	9.33 0.19 -3.39	11.31 0.20 -3.79	12.43 0.15 -4.84	11.41 0.12 -5.63	16.84 0.15 -2.70	17.12 0.05 -3.38	17.15 0.11 -3.82	19.15 0.22 -3.15	20.08 0.25 -3.09	17.26 0.20 -5.12	16.61 0.21 -5.42	23.10 0.26 -5.34	26.48 0.19 -7.63	30.80 0.28 -7.18	31.56 0.25 -3.37	30.21 0.15 -0.73	26.18 0.08 -0.57	24.12 -0.09 -0.48	22.44 0.04 -0.51
LOCKPORT___CC3 323771	15.04 0.14 -2.59	14.04 0.20 -1.83	13.03 0.24 -1.89	9.98 0.15 -2.78	8.86 0.14 -3.28	9.33 0.19 -3.39	11.31 0.20 -3.79	12.43 0.15 -4.84	11.41 0.12 -5.63	16.84 0.15 -2.70	17.12 0.05 -3.38	17.15 0.11 -3.82	19.15 0.22 -3.15	20.08 0.25 -3.09	17.26 0.20 -5.12	16.61 0.21 -5.42	23.10 0.26 -5.34	26.48 0.19 -7.63	30.80 0.28 -7.18	31.56 0.25 -3.37	30.21 0.15 -0.73	26.18 0.08 -0.57	24.12 -0.09 -0.48	22.44 0.04 -0.51
LONG_LAKE_PHOENIX 24014	14.08 0.00 -1.78	13.27 0.01 -1.25	12.21 0.01 -1.29	8.96 0.01 -1.91	7.70 0.01 -2.24	8.09 0.02 -2.32	9.94 0.02 -2.59	10.79 0.04 -3.32	9.54 0.02 -3.85	15.91 0.07 -1.85	16.08 0.08 -2.32	15.89 0.04 -2.61	17.94 0.00 -2.16	18.86 0.00 -2.11	15.43 -0.01 -3.51	14.67 -0.02 -3.71	21.12 -0.03 -3.66	23.72 -0.17 -5.22	27.99 -0.26 -4.92	29.91 -0.34 -2.31	29.45 -0.38 -0.50	25.56 -0.36 -0.39	23.71 -0.36 -0.33	21.90 -0.33 -0.35
LOVETT___3 23632	22.07 0.66 -9.10	19.08 0.65 -6.43	18.11 0.58 -6.63	17.20 0.39 -9.77	17.23 0.29 -11.49	17.96 0.30 -11.91	21.00 0.39 -13.28	24.83 0.39 -17.00	25.73 0.31 -19.76	24.29 0.81 -9.49	26.36 0.81 -11.88	27.48 0.86 -13.39	27.91 1.06 -11.07	28.68 1.10 -10.84	30.72 0.81 -17.98	30.74 0.75 -19.01	37.40 1.15 -18.75	46.81 1.38 -26.77	50.19 1.66 -25.21	41.68 1.93 -11.82	33.82 1.94 -2.56	29.23 1.68 -2.01	27.08 1.66 -1.68	25.01 1.33 -1.80
LOVETT___4 23642	22.07 0.66 -9.10	19.08 0.65 -6.43	18.11 0.58 -6.63	17.20 0.39 -9.77	17.23 0.29 -11.49	17.96 0.30 -11.91	21.00 0.39 -13.28	24.83 0.39 -17.00	25.73 0.31 -19.76	24.29 0.81 -9.49	26.36 0.81 -11.88	27.48 0.86 -13.39	27.91 1.06 -11.07	28.68 1.10 -10.84	30.72 0.81 -17.98	30.74 0.75 -19.01	37.40 1.15 -18.75	46.81 1.38 -26.77	50.19 1.66 -25.21	41.68 1.93 -11.82	33.82 1.94 -2.56	29.23 1.68 -2.01	27.08 1.66 -1.68	25.01 1.33 -1.80
LOVETT___5 23593	22.07 0.66 -9.10	19.08 0.65 -6.43	18.11 0.58 -6.63	17.20 0.39 -9.77	17.23 0.29 -11.49	17.96 0.30 -11.91	21.00 0.39 -13.28	24.83 0.39 -17.00	25.73 0.31 -19.76	24.29 0.81 -9.49	26.36 0.81 -11.88	27.48 0.86 -13.39	27.91 1.06 -11.07	28.68 1.10 -10.84	30.72 0.81 -17.98	30.74 0.75 -19.01	37.40 1.15 -18.75	46.81 1.38 -26.77	50.19 1.66 -25.21	41.68 1.93 -11.82	33.82 1.94 -2.56	29.23 1.68 -2.01	27.08 1.66 -1.68	25.01 1.33 -1.80
LOWER RAQUET___HYD 24057	12.15 -0.48 -0.32	11.75 -0.48 -0.23	10.67 -0.47 -0.23	7.09 -0.30 -0.34	4.35 -0.26 0.83	3.47 -0.38 1.90	4.76 -0.46 2.10	4.95 -0.48 2.01	5.97 -0.39 -0.69	11.47 -0.98 1.53	11.52 -0.94 1.22	11.47 -0.94 0.83	15.05 -1.12 -0.39	11.96 -1.19 3.60	11.37 -0.85 -0.28	10.88 -0.77 -0.67	16.98 -1.17 -0.66	18.46 -1.14 -0.94	22.93 -1.28 -0.89	26.87 -1.48 -0.42	27.92 -1.49 -0.09	24.48 -1.12 -0.07	23.01 -0.78 -0.06	21.42 -0.53 -0.06
LOWER___HUDSON 24059	25.28 0.54 -12.43	21.31 0.53 -8.79	20.45 0.48 -9.06	20.69 0.30 -13.35	21.39 0.24 -15.71	22.29 0.26 -16.27	25.81 0.33 -18.16	31.00 0.33 -23.23	32.92 0.26 -27.00	27.56 0.60 -12.97	30.49 0.57 -16.23	32.13 0.60 -18.30	31.60 0.69 -15.13	32.31 0.75 -14.81	37.02 0.51 -24.57	37.46 0.49 -25.98	43.93 0.81 -25.63	56.24 0.99 -36.59	59.04 1.26 -34.45	45.57 1.48 -16.15	34.38 1.55 -3.50	29.61 1.33 -2.75	27.19 1.16 -2.30	25.37 1.03 -2.46
LOWVILLE_115KV_TB2 356335	13.07 0.04 -0.73	12.53 0.01 -0.51	11.47 0.03 -0.53	7.84 0.01 -0.78	6.06 -0.01 -0.62	6.13 -0.02 -0.40	7.77 0.00 -0.45	8.15 -0.02 -0.74	7.23 -0.01 -1.58	14.24 -0.06 -0.31	14.16 -0.08 -0.56	13.89 -0.11 -0.76	16.49 -0.17 -0.88	16.47 -0.18 0.08	13.17 -0.12 -1.35	12.40 -0.10 -1.52	18.90 -0.09 -1.50	20.61 -0.19 -2.14	25.25 -0.09 -2.01	28.71 -0.17 -0.94	29.59 0.06 -0.20	25.71 0.03 -0.16	23.68 -0.19 -0.13	21.89 -0.13 -0.14
LUTHERFT_115KV_GLOB_FND_222 355753	25.61 0.65 -12.65	21.56 0.62 -8.94	20.69 0.57 -9.22	20.98 0.36 -13.58	21.71 0.28 -15.98	22.62 0.31 -16.56	26.19 0.39 -18.47	31.47 0.39 -23.64	33.46 0.33 -27.47	27.95 0.77 -13.20	30.93 0.74 -16.52	32.61 0.75 -18.62	32.05 0.88 -15.39	32.77 0.95 -15.07	37.57 0.63 -25.00	38.04 0.63 -26.43	44.57 1.00 -26.08	57.08 1.19 -37.23	59.90 1.52 -35.05	46.16 1.79 -16.43	34.76 1.88 -3.56	29.91 1.58 -2.80	27.45 1.38 -2.34	25.61 1.23 -2.50
LUTHERNY_35_KV_BK2 355980	25.61 0.65 -12.65	21.58 0.64 -8.94	20.69 0.57 -9.22	20.99 0.37 -13.58	21.71 0.28 -15.98	22.62 0.31 -16.56	26.19 0.40 -18.47	31.47 0.40 -23.64	33.46 0.33 -27.47	27.97 0.78 -13.20	30.93 0.74 -16.52	32.62 0.77 -18.62	32.07 0.90 -15.39	32.78 0.97 -15.07	37.58 0.64 -25.00	38.04 0.63 -26.43	44.57 1.00 -26.08	57.08 1.19 -37.23	59.92 1.54 -35.05	46.19 1.82 -16.43	34.76 1.88 -3.56	29.91 1.58 -2.80	27.47 1.40 -2.34	25.61 1.23 -2.50
LWR___OSWEGATCHIE_HYD 23850	12.56 -0.31 -0.56	12.07 -0.32 -0.40	11.02 -0.29 -0.41	7.46 -0.19 -0.60	5.16 -0.17 0.11	4.71 -0.24 0.80	6.17 -0.28 0.88	6.46 -0.30 0.67	6.65 -0.24 -1.22	12.72 -0.62 0.65	12.73 -0.60 0.35	12.58 -0.62 0.03	15.69 -0.77 -0.68	13.98 -0.80 1.96	12.24 -0.57 -0.88	11.64 -0.52 -1.18	17.88 -0.77 -1.16	19.53 -0.78 -1.66	24.05 -0.84 -1.56	27.63 -1.03 -0.73	28.55 -0.94 -0.16	24.89 -0.77 -0.12	23.17 -0.66 -0.10	21.51 -0.48 -0.11
LYONS_FALL_HYD 23570	13.11 0.14 -0.66	12.57 0.11 -0.47	11.51 0.12 -0.48	7.82 0.07 -0.71	6.16 0.04 -0.68	6.35 0.03 -0.57	8.02 0.07 -0.63	8.38 0.05 -0.90	7.15 0.05 -1.43	14.53 0.10 -0.45	14.43 0.10 -0.65	14.10 0.07 -0.81	16.62 0.03 -0.80	17.05 0.03 -0.27	13.23 0.04 -1.26	12.40 0.03 -1.38	18.96 0.11 -1.36	20.68 0.07 -1.94	25.37 0.21 -1.83	28.96 0.17 -0.86	29.87 0.35 -0.19	25.93 0.26 -0.15	23.95 0.10 -0.12	22.12 0.11 -0.13
MADISON___COUNTY_LFGE 323628	13.71 0.39 -1.00	13.08 0.37 -0.71	12.00 0.36 -0.73	8.35 0.23 -1.08	6.88 0.17 -1.27	7.25 0.18 -1.31	9.04 0.25 -1.47	9.56 0.25 -1.88	8.04 0.19 -2.18	15.50 0.46 -1.05	15.44 0.45 -1.31	15.12 0.41 -1.48	17.44 0.44 -1.22	18.44 0.50 -1.20	14.28 0.36 -1.99	13.40 0.32 -2.10	20.12 0.56 -2.07	22.23 0.62 -2.96	26.95 0.84 -2.78	30.16 0.92 -1.31	30.61 1.00 -0.28	26.54 0.79 -0.22	24.56 0.64 -0.19	22.67 0.59 -0.20
MALONE___115KV_TB1 356076	11.77 -0.54 0.00	11.45 -0.55 0.00	10.31 -0.59 0.00	6.67 -0.37 0.00	3.68 -0.29 1.48	2.62 -0.37 2.77	3.81 -0.45 3.07	3.88 -0.45 3.11	5.34 -0.32 0.00	10.89 -0.87 2.23	10.87 -0.86 1.95	10.85 -0.83 1.55	14.85 -0.93 0.00	11.04 -0.95 4.75	10.82 -0.69 0.42	10.38 -0.60 0.00	16.62 -0.87 0.00	17.92 -0.75 0.00	22.65 -0.68 0.00	27.32 -0.61 0.00	28.77 -0.56 0.00	25.20 -0.33 0.00	23.55 -0.19 0.00	21.86 -0.02 0.00

MAPLEWOD_115KV_TB3 80458	25.16 0.53 -12.32	21.22 0.52 -8.71	20.35 0.47 -8.98	20.56 0.30 -13.22	21.24 0.23 -15.56	22.14 0.26 -16.12	25.64 0.33 -17.99	30.77 0.32 -23.02	32.66 0.25 -26.75	27.43 0.59 -12.85	30.32 0.56 -16.08	31.94 0.57 -18.13	31.45 0.68 -14.99	32.14 0.72 -14.68	36.78 0.50 -24.34	37.21 0.48 -25.74	43.66 0.77 -25.40	55.86 0.95 -36.25	58.68 1.21 -34.13	45.37 1.42 -16.00	34.29 1.50 -3.47	29.53 1.28 -2.73	27.13 1.12 -2.27	25.30 0.98 -2.43
MAPLE_RIDGE_WT_1 323574	11.61 -0.70 0.00	11.30 -0.70 0.00	10.25 -0.65 0.00	6.61 -0.44 0.00	1.78 -0.35 3.32	-0.80 -0.33 6.23	0.00 -0.43 6.90	0.00 -0.43 7.00	5.35 -0.32 0.00	8.20 -0.77 5.01	8.53 -0.75 4.39	9.03 -0.71 3.49	14.91 -0.87 0.00	5.12 -0.94 10.69	10.33 -0.66 0.95	10.43 -0.56 0.00	16.72 -0.77 0.00	17.99 -0.67 0.00	22.68 -0.65 0.00	27.27 -0.67 0.00	28.74 -0.59 0.00	25.09 -0.43 0.00	23.38 -0.36 0.00	21.58 -0.31 0.00
MAPLE_RIDGE_WT_2 323611	11.61 -0.70 0.00	11.30 -0.70 0.00	10.25 -0.65 0.00	6.61 -0.44 0.00	1.78 -0.35 3.32	-0.80 -0.33 6.23	0.00 -0.43 6.90	0.00 -0.43 7.00	5.35 -0.32 0.00	8.20 -0.77 5.01	8.53 -0.75 4.39	9.03 -0.71 3.49	14.91 -0.87 0.00	5.12 -0.94 10.69	10.33 -0.66 0.95	10.43 -0.56 0.00	16.72 -0.77 0.00	17.99 -0.67 0.00	22.68 -0.65 0.00	27.27 -0.67 0.00	28.74 -0.59 0.00	25.09 -0.43 0.00	23.38 -0.36 0.00	21.58 -0.31 0.00
MARBLE_RIVER_WT_PWR 323696	11.68 -0.63 0.00	11.35 -0.65 0.00	10.23 -0.68 0.00	6.59 -0.45 0.00	3.52 -0.33 1.59	2.37 -0.40 2.98	3.54 -0.48 3.30	3.59 -0.49 3.35	5.31 -0.36 0.00	10.65 -0.94 2.40	10.63 -0.94 2.10	10.66 -0.90 1.67	14.80 -0.98 0.00	10.60 -1.02 5.12	10.74 -0.74 0.45	10.34 -0.65 0.00	16.57 -0.93 0.00	17.88 -0.78 0.00	22.61 -0.72 0.00	27.32 -0.61 0.00	28.83 -0.50 0.00	25.25 -0.28 0.00	23.57 -0.16 0.00	21.88 0.00 0.00
MARSHVLE_115KV_TB1 80742	28.23 0.41 -15.52	23.35 0.38 -10.96	22.58 0.37 -11.31	23.93 0.23 -16.65	25.22 0.18 -19.60	26.26 0.20 -20.30	30.25 0.27 -22.65	36.71 0.28 -28.99	39.60 0.25 -33.69	30.73 0.56 -16.19	34.43 0.49 -20.26	36.57 0.50 -22.84	35.22 0.57 -18.87	35.86 0.64 -18.48	43.03 0.44 -30.65	43.87 0.47 -32.42	50.28 0.80 -31.98	65.32 1.01 -45.65	67.65 1.33 -42.99	49.60 1.51 -20.15	35.25 1.55 -4.36	30.14 1.17 -3.43	27.55 0.95 -2.86	25.73 0.79 -3.06
MARSH_HILL_WT_PWR 323713	15.89 0.46 -3.12	14.70 0.49 -2.21	13.66 0.48 -2.28	10.70 0.30 -3.35	9.65 0.26 -3.95	10.15 0.32 -4.09	12.27 0.38 -4.56	13.66 0.39 -5.84	12.74 0.29 -6.78	17.90 0.66 -3.26	18.33 0.57 -4.08	18.41 0.58 -4.60	20.26 0.68 -3.80	21.23 0.77 -3.72	18.66 0.55 -6.17	18.04 0.53 -6.53	24.79 0.86 -6.44	28.82 0.97 -9.19	33.27 1.28 -8.65	33.42 1.42 -4.06	31.64 1.44 -0.88	27.39 1.17 -0.69	25.19 0.88 -0.58	23.33 0.83 -0.62
MCINTYRE_115KV_TB2 80467	12.47 -0.16 -0.32	12.03 -0.19 -0.23	10.96 -0.17 -0.23	7.27 -0.11 -0.34	4.48 -0.14 0.83	3.61 -0.24 1.90	4.95 -0.27 2.10	5.12 -0.30 2.01	6.12 -0.24 -0.69	11.81 -0.64 1.53	11.85 -0.62 1.22	11.76 -0.65 0.83	15.38 -0.79 -0.39	12.32 -0.82 3.60	11.62 -0.60 -0.28	11.12 -0.54 -0.67	17.40 -0.75 -0.66	19.03 -0.58 -0.94	23.73 -0.49 -0.89	27.74 -0.61 -0.42	28.86 -0.56 -0.09	25.22 -0.38 -0.07	23.63 -0.17 -0.06	22.01 0.07 -0.06
MECO____69_KV_BK1 80468	27.83 0.78 -14.74	23.15 0.73 -10.42	22.33 0.68 -10.75	23.31 0.44 -15.83	24.41 0.34 -18.62	25.43 0.38 -19.30	29.34 0.49 -21.53	35.49 0.51 -27.55	38.13 0.45 -32.01	30.37 1.01 -15.38	33.80 0.88 -19.25	35.82 0.89 -21.70	34.76 1.04 -17.94	35.53 1.22 -17.56	41.88 0.81 -29.13	42.67 0.88 -30.81	49.34 1.45 -30.39	63.75 1.70 -43.39	66.37 2.19 -40.85	49.60 2.51 -19.15	36.09 2.61 -4.15	30.81 2.02 -3.26	28.09 1.64 -2.72	26.22 1.42 -2.91
MENANDS__115KV_TB5 355628	25.09 0.49 -12.29	21.17 0.48 -8.69	20.29 0.43 -8.96	20.51 0.27 -13.20	21.19 0.22 -15.53	22.09 0.25 -16.09	25.58 0.31 -17.95	30.70 0.30 -22.97	32.58 0.23 -26.69	27.34 0.53 -12.82	30.23 0.51 -16.05	31.84 0.52 -18.09	31.35 0.62 -14.95	32.04 0.65 -14.64	36.69 0.47 -24.29	37.11 0.44 -25.68	43.53 0.70 -25.34	55.71 0.88 -36.17	58.49 1.10 -34.06	45.19 1.29 -15.97	34.17 1.38 -3.46	29.42 1.17 -2.72	27.03 1.02 -2.27	25.23 0.92 -2.43
MG INDUSTRY__DRP 24185	24.80 0.49 -12.00	20.96 0.48 -8.48	20.09 0.45 -8.74	20.20 0.28 -12.88	20.82 0.22 -15.15	21.69 0.24 -15.70	25.15 0.31 -17.52	30.15 0.30 -22.42	31.95 0.23 -26.05	27.05 0.55 -12.52	29.86 0.52 -15.66	31.42 0.53 -17.66	31.00 0.63 -14.59	31.72 0.69 -14.29	36.10 0.47 -23.70	36.49 0.44 -25.06	42.92 0.70 -24.73	54.80 0.84 -35.30	57.64 1.07 -33.24	44.81 1.29 -15.58	34.05 1.35 -3.37	29.33 1.15 -2.65	26.97 1.02 -2.21	25.19 0.94 -2.37
MID__OSWEGATCHIE_HYD 23849	12.56 -0.31 -0.56	12.07 -0.32 -0.40	11.02 -0.29 -0.41	7.46 -0.19 -0.60	5.16 -0.17 0.11	4.71 -0.24 0.80	6.17 -0.28 0.88	6.46 -0.30 0.67	6.65 -0.24 -1.22	12.72 -0.62 0.65	12.73 -0.60 0.35	12.58 -0.62 0.03	15.69 -0.77 -0.68	13.98 -0.80 1.96	12.24 -0.57 -0.88	11.64 -0.52 -1.18	17.88 -0.77 -1.16	19.53 -0.78 -1.66	24.05 -0.84 -1.56	27.63 -1.03 -0.73	28.55 -0.94 -0.16	24.89 -0.77 -0.12	23.17 -0.66 -0.10	21.51 -0.48 -0.11
MID__RAQUETTE_HYD 23851	12.15 -0.48 -0.32	11.75 -0.48 -0.23	10.67 -0.47 -0.23	7.09 -0.30 -0.34	4.35 -0.26 0.83	3.47 -0.38 1.90	4.76 -0.46 2.10	4.95 -0.48 2.01	5.98 -0.39 -0.69	11.47 -0.98 1.53	11.50 -0.96 1.22	11.47 -0.94 0.83	15.05 -1.12 -0.39	11.96 -1.19 3.60	11.37 -0.85 -0.28	10.88 -0.77 -0.67	16.98 -1.17 -0.66	18.47 -1.14 -0.94	22.93 -1.28 -0.89	26.87 -1.48 -0.42	27.92 -1.50 -0.09	24.48 -1.12 -0.07	23.01 -0.78 -0.06	21.42 -0.53 -0.06
MILLIKEN__1 23584	15.92 0.52 -3.09	14.70 0.52 -2.19	13.64 0.48 -2.26	10.67 0.31 -3.32	9.60 0.25 -3.91	10.07 0.27 -4.05	12.20 0.35 -4.52	13.59 0.37 -5.78	12.66 0.28 -6.72	17.90 0.69 -3.23	18.39 0.67 -4.04	18.40 0.61 -4.56	20.21 0.66 -3.76	21.13 0.70 -3.69	18.54 0.49 -6.11	17.90 0.45 -6.47	24.61 0.73 -6.38	28.57 0.80 -9.11	32.93 1.03 -8.57	33.10 1.15 -4.02	31.37 1.17 -0.87	27.16 0.94 -0.68	25.09 0.78 -0.57	23.19 0.70 -0.61
MILLIKEN__2 23585	15.92 0.52 -3.09	14.70 0.52 -2.19	13.64 0.48 -2.26	10.67 0.31 -3.32	9.60 0.25 -3.91	10.07 0.27 -4.05	12.20 0.35 -4.52	13.59 0.37 -5.78	12.66 0.28 -6.72	17.90 0.69 -3.23	18.39 0.67 -4.04	18.40 0.61 -4.56	20.21 0.66 -3.76	21.13 0.70 -3.69	18.54 0.49 -6.11	17.90 0.45 -6.47	24.61 0.73 -6.38	28.57 0.80 -9.11	32.93 1.03 -8.57	33.10 1.15 -4.02	31.37 1.17 -0.87	27.16 0.94 -0.68	25.09 0.78 -0.57	23.19 0.70 -0.61
MILLIKEN__DIESEL 23629	15.92 0.52 -3.09	14.70 0.52 -2.19	13.64 0.48 -2.26	10.67 0.31 -3.32	9.60 0.25 -3.91	10.07 0.27 -4.05	12.20 0.35 -4.52	13.59 0.37 -5.78	12.66 0.28 -6.72	17.90 0.69 -3.23	18.39 0.67 -4.04	18.40 0.61 -4.56	20.21 0.66 -3.76	21.13 0.70 -3.69	18.54 0.49 -6.11	17.90 0.45 -6.47	24.61 0.73 -6.38	28.57 0.80 -9.11	32.93 1.03 -8.57	33.10 1.15 -4.02	31.37 1.17 -0.87	27.16 0.94 -0.68	25.09 0.78 -0.57	23.19 0.70 -0.61

N.BELMOR_69_KV_BK1 55787	26.68 1.07 -13.30	22.89 1.03 -9.86	19.01 0.86 -7.24	18.27 0.56 -10.67	18.93 0.45 -13.03	21.89 0.47 -15.67	25.17 0.62 -17.22	30.32 0.64 -22.25	31.09 0.49 -24.94	25.61 1.26 -10.37	28.40 1.29 -13.43	29.13 1.27 -14.63	29.47 1.59 -12.09	30.34 1.67 -11.92	34.63 1.23 -21.46	37.48 1.10 -25.40	40.26 1.71 -21.06	49.89 1.98 -29.25	58.55 2.43 -32.79	43.59 2.74 -12.91	35.60 2.90 -3.37	30.26 2.50 -2.23	28.40 2.49 -2.18	25.88 2.03 -1.96
N.E_GEN_SANDY PD 24062	24.00 0.62 -11.08	20.43 0.60 -7.83	19.50 0.52 -8.07	19.28 0.35 -11.89	19.70 0.26 -13.99	20.54 0.29 -14.49	23.87 0.37 -16.17	28.50 0.37 -20.70	29.99 0.28 -24.05	26.21 0.67 -11.55	28.79 0.66 -14.46	30.21 0.67 -16.30	30.06 0.80 -13.47	30.79 0.85 -13.19	34.44 0.62 -21.88	34.70 0.57 -23.14	41.23 0.91 -22.83	52.39 1.14 -32.59	55.44 1.42 -30.69	44.00 1.68 -14.39	34.20 1.76 -3.12	29.51 1.53 -2.45	27.18 1.40 -2.04	25.25 1.18 -2.19
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	22.09 0.69 -9.09	19.10 0.67 -6.43	18.13 0.60 -6.63	17.20 0.39 -9.76	17.23 0.30 -11.48	17.96 0.31 -11.90	21.00 0.40 -13.28	24.83 0.41 -16.99	25.72 0.31 -19.74	24.30 0.83 -9.49	26.38 0.83 -11.87	27.49 0.87 -13.38	27.91 1.07 -11.06	28.69 1.12 -10.83	30.74 0.84 -17.96	30.75 0.77 -19.00	37.43 1.19 -18.74	46.83 1.42 -26.75	50.22 1.70 -25.19	41.73 1.98 -11.81	33.88 1.99 -2.56	29.28 1.74 -2.01	27.12 1.71 -1.68	25.03 1.36 -1.80
N.QUEENS_27_KV_LOAD 356247	23.24 0.98 -9.94	19.97 0.95 -7.03	18.98 0.83 -7.25	18.27 0.56 -10.67	18.41 0.41 -12.56	19.14 0.38 -13.01	22.30 0.46 -14.52	26.48 0.47 -18.58	27.61 0.36 -21.59	25.38 1.02 -10.37	27.70 1.04 -12.98	29.03 1.15 -14.65	29.23 1.36 -12.09	30.01 1.42 -11.84	32.64 1.06 -19.64	32.68 0.92 -20.77	39.39 1.40 -20.49	49.60 1.68 -29.25	52.88 2.01 -27.55	43.23 2.37 -12.91	34.35 2.23 -2.80	29.90 2.17 -2.20	27.88 2.30 -1.84	25.79 1.95 -1.96
N.TROY___115KV_TB1 355778	25.29 0.54 -12.43	21.31 0.53 -8.79	20.45 0.48 -9.06	20.69 0.30 -13.35	21.39 0.24 -15.71	22.29 0.26 -16.27	25.81 0.33 -18.16	31.00 0.33 -23.23	32.92 0.26 -27.00	27.56 0.60 -12.97	30.49 0.57 -16.23	32.13 0.60 -18.30	31.60 0.69 -15.13	32.31 0.75 -14.81	37.02 0.51 -24.57	37.46 0.49 -25.98	43.93 0.80 -25.63	56.24 0.99 -36.59	59.04 1.26 -34.45	45.57 1.48 -16.15	34.38 1.55 -3.50	29.61 1.33 -2.75	27.19 1.16 -2.30	25.37 1.03 -2.46
NARROWS_GT1_1 24228	23.29 1.03 -9.95	20.02 0.98 -7.03	19.00 0.85 -7.25	18.27 0.55 -10.68	18.41 0.41 -12.56	19.16 0.40 -13.01	22.35 0.51 -14.52	26.51 0.51 -18.57	27.64 0.40 -21.58	25.46 1.10 -10.37	27.79 1.13 -12.98	29.13 1.24 -14.65	29.36 1.48 -12.09	30.12 1.54 -11.84	32.71 1.13 -19.64	32.78 1.02 -20.77	39.47 1.49 -20.49	49.70 1.79 -29.25	52.97 2.10 -27.54	43.36 2.52 -12.91	34.64 2.52 -2.79	30.03 2.30 -2.20	28.00 2.42 -1.84	25.86 2.01 -1.96
NARROWS_GT1_2 24229	23.29 1.03 -9.95	20.02 0.98 -7.03	19.00 0.85 -7.25	18.27 0.55 -10.68	18.41 0.41 -12.56	19.16 0.40 -13.01	22.35 0.51 -14.52	26.51 0.51 -18.57	27.64 0.40 -21.58	25.46 1.10 -10.37	27.79 1.13 -12.98	29.13 1.24 -14.65	29.36 1.48 -12.09	30.12 1.54 -11.84	32.71 1.13 -19.64	32.78 1.02 -20.77	39.47 1.49 -20.49	49.70 1.79 -29.25	52.97 2.10 -27.54	43.36 2.52 -12.91	34.64 2.52 -2.79	30.03 2.30 -2.20	28.00 2.42 -1.84	25.86 2.01 -1.96
NARROWS_GT1_3 24230	23.29 1.03 -9.95	20.02 0.98 -7.03	19.00 0.85 -7.25	18.27 0.55 -10.68	18.41 0.41 -12.56	19.16 0.40 -13.01	22.35 0.51 -14.52	26.51 0.51 -18.57	27.64 0.40 -21.58	25.46 1.10 -10.37	27.79 1.13 -12.98	29.13 1.24 -14.65	29.36 1.48 -12.09	30.12 1.54 -11.84	32.71 1.13 -19.64	32.78 1.02 -20.77	39.47 1.49 -20.49	49.70 1.79 -29.25	52.97 2.10 -27.54	43.36 2.52 -12.91	34.64 2.52 -2.79	30.03 2.30 -2.20	28.00 2.42 -1.84	25.86 2.01 -1.96
NARROWS_GT1_4 24231	23.29 1.03 -9.95	20.02 0.98 -7.03	19.00 0.85 -7.25	18.27 0.55 -10.68	18.41 0.41 -12.56	19.16 0.40 -13.01	22.35 0.51 -14.52	26.51 0.51 -18.57	27.64 0.40 -21.58	25.46 1.10 -10.37	27.79 1.13 -12.98	29.13 1.24 -14.65	29.36 1.48 -12.09	30.12 1.54 -11.84	32.71 1.13 -19.64	32.78 1.02 -20.77	39.47 1.49 -20.49	49.70 1.79 -29.25	52.97 2.10 -27.54	43.36 2.52 -12.91	34.64 2.52 -2.79	30.03 2.30 -2.20	28.00 2.42 -1.84	25.86 2.01 -1.96
NARROWS_GT1_5 24232	23.29 1.03 -9.95	20.02 0.98 -7.03	19.00 0.85 -7.25	18.27 0.55 -10.68	18.41 0.41 -12.56	19.16 0.40 -13.01	22.35 0.51 -14.52	26.51 0.51 -18.57	27.64 0.40 -21.58	25.46 1.10 -10.37	27.79 1.13 -12.98	29.13 1.24 -14.65	29.36 1.48 -12.09	30.12 1.54 -11.84	32.71 1.13 -19.64	32.78 1.02 -20.77	39.47 1.49 -20.49	49.70 1.79 -29.25	52.97 2.10 -27.54	43.36 2.52 -12.91	34.64 2.52 -2.79	30.03 2.30 -2.20	28.00 2.42 -1.84	25.86 2.01 -1.96
NARROWS_GT1_6 24233	23.29 1.03 -9.95	20.02 0.98 -7.03	19.00 0.85 -7.25	18.27 0.55 -10.68	18.41 0.41 -12.56	19.16 0.40 -13.01	22.35 0.51 -14.52	26.51 0.51 -18.57	27.64 0.40 -21.58	25.46 1.10 -10.37	27.79 1.13 -12.98	29.13 1.24 -14.65	29.36 1.48 -12.09	30.12 1.54 -11.84	32.71 1.13 -19.64	32.78 1.02 -20.77	39.47 1.49 -20.49	49.70 1.79 -29.25	52.97 2.10 -27.54	43.36 2.52 -12.91	34.64 2.52 -2.79	30.03 2.30 -2.20	28.00 2.42 -1.84	25.86 2.01 -1.96
NARROWS_GT1_7 24234	23.29 1.03 -9.95	20.02 0.98 -7.03	19.00 0.85 -7.25	18.27 0.55 -10.68	18.41 0.41 -12.56	19.16 0.40 -13.01	22.35 0.51 -14.52	26.51 0.51 -18.57	27.64 0.40 -21.58	25.46 1.10 -10.37	27.79 1.13 -12.98	29.13 1.24 -14.65	29.36 1.48 -12.09	30.12 1.54 -11.84	32.71 1.13 -19.64	32.78 1.02 -20.77	39.47 1.49 -20.49	49.70 1.79 -29.25	52.97 2.10 -27.54	43.36 2.52 -12.91	34.64 2.52 -2.79	30.03 2.30 -2.20	28.00 2.42 -1.84	25.86 2.01 -1.96
NARROWS_GT1_8 24235	23.29 1.03 -9.95	20.02 0.98 -7.03	19.00 0.85 -7.25	18.27 0.55 -10.68	18.41 0.41 -12.56	19.16 0.40 -13.01	22.35 0.51 -14.52	26.51 0.51 -18.57	27.64 0.40 -21.58	25.46 1.10 -10.37	27.79 1.13 -12.98	29.13 1.24 -14.65	29.36 1.48 -12.09	30.12 1.54 -11.84	32.71 1.13 -19.64	32.78 1.02 -20.77	39.47 1.49 -20.49	49.70 1.79 -29.25	52.97 2.10 -27.54	43.36 2.52 -12.91	34.64 2.52 -2.79	30.03 2.30 -2.20	28.00 2.42 -1.84	25.86 2.01 -1.96
NARROWS_GT2_1 24236	23.29 1.03 -9.95	20.02 0.98 -7.03	19.00 0.85 -7.25	18.27 0.55 -10.68	18.41 0.41 -12.56	19.16 0.40 -13.01	22.35 0.51 -14.52	26.51 0.51 -18.57	27.64 0.40 -21.58	25.46 1.10 -10.37	27.79 1.13 -12.98	29.13 1.24 -14.65	29.36 1.48 -12.09	30.12 1.54 -11.84	32.71 1.13 -19.64	32.78 1.02 -20.77	39.47 1.49 -20.49	49.70 1.79 -29.25	52.97 2.10 -27.54	43.36 2.52 -12.91	34.64 2.52 -2.79	30.03 2.30 -2.20	28.00 2.42 -1.84	25.86 2.01 -1.96
NARROWS_GT2_2 24237	23.29 1.03 -9.95	20.02 0.98 -7.03	19.00 0.85 -7.25	18.27 0.55 -10.68	18.41 0.41 -12.56	19.16 0.40 -13.01	22.35 0.51 -14.52	26.51 0.51 -18.57	27.64 0.40 -21.58	25.46 1.10 -10.37	27.79 1.13 -12.98	29.13 1.24 -14.65	29.36 1.48 -12.09	30.12 1.54 -11.84	32.71 1.13 -19.64	32.78 1.02 -20.77	39.47 1.49 -20.49	49.70 1.79 -29.25	52.97 2.10 -27.54	43.36 2.52 -12.91	34.64 2.52 -2.79	30.03 2.30 -2.20	28.00 2.42 -1.84	25.86 2.01 -1.96

NARROWS_GT2_3 24238	23.29 1.03 -9.95	20.02 0.98 -7.03	19.00 0.85 -7.25	18.27 0.55 -10.68	18.41 0.41 -12.56	19.16 0.40 -13.01	22.35 0.51 -14.52	26.51 0.51 -18.57	27.64 0.40 -21.58	25.46 1.10 -10.37	27.79 1.13 -12.98	29.13 1.24 -14.65	29.36 1.48 -12.09	30.12 1.54 -11.84	32.71 1.13 -19.64	32.78 1.02 -20.77	39.47 1.49 -20.49	49.70 1.79 -29.25	52.97 2.10 -27.54	43.36 2.52 -12.91	34.64 2.52 -2.79	30.03 2.30 -2.20	28.00 2.42 -1.84	25.86 2.01 -1.96
NARROWS_GT2_4 24239	23.29 1.03 -9.95	20.02 0.98 -7.03	19.00 0.85 -7.25	18.27 0.55 -10.68	18.41 0.41 -12.56	19.16 0.40 -13.01	22.35 0.51 -14.52	26.51 0.51 -18.57	27.64 0.40 -21.58	25.46 1.10 -10.37	27.79 1.13 -12.98	29.13 1.24 -14.65	29.36 1.48 -12.09	30.12 1.54 -11.84	32.71 1.13 -19.64	32.78 1.02 -20.77	39.47 1.49 -20.49	49.70 1.79 -29.25	52.97 2.10 -27.54	43.36 2.52 -12.91	34.64 2.52 -2.79	30.03 2.30 -2.20	28.00 2.42 -1.84	25.86 2.01 -1.96
NARROWS_GT2_5 24240	23.29 1.03 -9.95	20.02 0.98 -7.03	19.00 0.85 -7.25	18.27 0.55 -10.68	18.41 0.41 -12.56	19.16 0.40 -13.01	22.35 0.51 -14.52	26.51 0.51 -18.57	27.64 0.40 -21.58	25.46 1.10 -10.37	27.79 1.13 -12.98	29.13 1.24 -14.65	29.36 1.48 -12.09	30.12 1.54 -11.84	32.71 1.13 -19.64	32.78 1.02 -20.77	39.47 1.49 -20.49	49.70 1.79 -29.25	52.97 2.10 -27.54	43.36 2.52 -12.91	34.64 2.52 -2.79	30.03 2.30 -2.20	28.00 2.42 -1.84	25.86 2.01 -1.96
NARROWS_GT2_6 24241	23.29 1.03 -9.95	20.02 0.98 -7.03	19.00 0.85 -7.25	18.27 0.55 -10.68	18.41 0.41 -12.56	19.16 0.40 -13.01	22.35 0.51 -14.52	26.51 0.51 -18.57	27.64 0.40 -21.58	25.46 1.10 -10.37	27.79 1.13 -12.98	29.13 1.24 -14.65	29.36 1.48 -12.09	30.12 1.54 -11.84	32.71 1.13 -19.64	32.78 1.02 -20.77	39.47 1.49 -20.49	49.70 1.79 -29.25	52.97 2.10 -27.54	43.36 2.52 -12.91	34.64 2.52 -2.79	30.03 2.30 -2.20	28.00 2.42 -1.84	25.86 2.01 -1.96
NARROWS_GT2_7 24242	23.29 1.03 -9.95	20.02 0.98 -7.03	19.00 0.85 -7.25	18.27 0.55 -10.68	18.41 0.41 -12.56	19.16 0.40 -13.01	22.35 0.51 -14.52	26.51 0.51 -18.57	27.64 0.40 -21.58	25.46 1.10 -10.37	27.79 1.13 -12.98	29.13 1.24 -14.65	29.36 1.48 -12.09	30.12 1.54 -11.84	32.71 1.13 -19.64	32.78 1.02 -20.77	39.47 1.49 -20.49	49.70 1.79 -29.25	52.97 2.10 -27.54	43.36 2.52 -12.91	34.64 2.52 -2.79	30.03 2.30 -2.20	28.00 2.42 -1.84	25.86 2.01 -1.96
NARROWS_GT2_8 24243	23.29 1.03 -9.95	20.02 0.98 -7.03	19.00 0.85 -7.25	18.27 0.55 -10.68	18.41 0.41 -12.56	19.16 0.40 -13.01	22.35 0.51 -14.52	26.51 0.51 -18.57	27.64 0.40 -21.58	25.46 1.10 -10.37	27.79 1.13 -12.98	29.13 1.24 -14.65	29.36 1.48 -12.09	30.12 1.54 -11.84	32.71 1.13 -19.64	32.78 1.02 -20.77	39.47 1.49 -20.49	49.70 1.79 -29.25	52.97 2.10 -27.54	43.36 2.52 -12.91	34.64 2.52 -2.79	30.03 2.30 -2.20	28.00 2.42 -1.84	25.86 2.01 -1.96
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	24.36 0.53 -11.52	20.63 0.49 -8.14	19.75 0.45 -8.40	19.70 0.29 -12.37	20.23 0.23 -14.55	21.08 0.25 -15.08	24.45 0.31 -16.82	29.22 0.26 -21.53	30.89 0.21 -25.02	26.45 0.45 -12.02	29.12 0.40 -15.04	30.59 0.40 -16.96	30.28 0.49 -14.02	31.00 0.54 -13.72	35.06 0.36 -22.76	35.44 0.38 -24.07	41.89 0.65 -23.75	53.44 0.88 -33.90	56.42 1.17 -31.92	44.24 1.34 -14.97	34.01 1.44 -3.24	29.23 1.15 -2.55	26.84 0.97 -2.13	25.10 0.94 -2.28
NCHELSEA_115KV_TR2 355582	22.93 0.80 -9.83	19.71 0.77 -6.94	18.74 0.68 -7.16	18.03 0.44 -10.55	18.19 0.34 -12.41	18.95 0.35 -12.86	22.13 0.45 -14.35	26.25 0.45 -18.36	27.34 0.35 -21.33	25.13 0.90 -10.25	27.40 0.89 -12.83	28.63 0.94 -14.46	28.88 1.15 -11.95	29.67 1.22 -11.70	32.23 0.88 -19.41	32.34 0.82 -20.53	39.04 1.29 -20.25	49.12 1.55 -28.91	52.47 1.91 -27.22	42.91 2.21 -12.76	34.35 2.26 -2.76	29.64 1.94 -2.17	27.42 1.88 -1.81	25.35 1.53 -1.94
NEG CAPITAL___MECHNVIL 23645	25.55 0.65 -12.59	21.52 0.62 -8.90	20.65 0.57 -9.18	20.92 0.36 -13.51	21.63 0.28 -15.90	22.54 0.31 -16.48	26.10 0.40 -18.38	31.36 0.40 -23.53	33.33 0.33 -27.34	27.89 0.77 -13.13	30.85 0.74 -16.44	32.52 0.75 -18.53	31.98 0.88 -15.32	32.69 0.95 -15.00	37.46 0.64 -24.87	37.92 0.63 -26.31	44.44 1.00 -25.95	56.92 1.21 -37.05	59.75 1.54 -34.88	46.11 1.81 -16.36	34.78 1.91 -3.54	29.90 1.58 -2.79	27.44 1.38 -2.32	25.59 1.22 -2.49
NEG CENTRAL_HIGH_ACRES 23767	14.70 0.06 -2.33	13.73 0.08 -1.65	12.70 0.10 -1.70	9.61 0.06 -2.50	8.43 0.05 -2.94	8.87 0.07 -3.05	10.81 0.09 -3.40	11.88 0.10 -4.35	10.79 0.07 -5.06	16.56 0.14 -2.43	16.83 0.11 -3.04	16.74 0.08 -3.43	18.72 0.11 -2.83	19.67 0.15 -2.77	16.63 0.10 -4.60	15.93 0.08 -4.87	22.36 0.07 -4.80	25.55 0.04 -6.85	29.88 0.09 -6.45	30.99 0.03 -3.03	29.90 -0.09 -0.66	25.87 -0.18 -0.52	23.88 -0.28 -0.43	22.12 -0.22 -0.46
NEG CENTRAL___DRP 24199	15.14 0.37 -2.47	14.13 0.38 -1.74	13.06 0.36 -1.80	9.92 0.23 -2.65	8.75 0.19 -3.11	9.19 0.21 -3.23	11.20 0.28 -3.60	12.34 0.30 -4.61	11.24 0.22 -5.35	17.09 0.53 -2.57	17.40 0.51 -3.22	17.33 0.46 -3.63	19.28 0.50 -3.00	20.23 0.55 -2.94	17.19 0.38 -4.87	16.49 0.35 -5.15	23.14 0.56 -5.08	26.52 0.60 -7.26	30.91 0.75 -6.83	31.95 0.81 -3.20	30.84 0.82 -0.69	26.69 0.61 -0.55	24.64 0.45 -0.46	22.78 0.42 -0.49
NEG CENTRAL___INDECK 23768	15.85 0.71 -2.82	14.73 0.73 -1.99	13.65 0.69 -2.06	10.52 0.44 -3.03	9.36 0.35 -3.57	9.84 0.40 -3.69	11.96 0.51 -4.12	13.25 0.54 -5.27	12.19 0.39 -6.13	17.77 0.84 -2.94	18.09 0.72 -3.69	18.02 0.64 -4.16	19.99 0.77 -3.43	20.97 0.87 -3.36	18.14 0.62 -5.58	17.48 0.59 -5.90	24.29 0.98 -5.82	28.13 1.16 -8.31	32.83 1.68 -7.82	33.53 1.93 -3.67	31.97 1.85 -0.79	27.56 1.40 -0.62	25.40 1.14 -0.52	23.49 1.05 -0.56
NEG CENTRAL___SENECA 23627	15.33 0.44 -2.58	14.27 0.44 -1.82	13.21 0.43 -1.88	10.08 0.27 -2.77	8.93 0.22 -3.26	9.38 0.25 -3.38	11.43 0.33 -3.77	12.62 0.36 -4.83	11.53 0.26 -5.61	17.31 0.63 -2.69	17.64 0.59 -3.37	17.58 0.54 -3.80	19.52 0.60 -3.14	20.49 0.67 -3.08	17.51 0.47 -5.10	16.81 0.43 -5.40	23.50 0.68 -5.32	27.03 0.77 -7.60	31.42 0.93 -7.15	32.32 1.03 -3.35	31.11 1.06 -0.73	26.92 0.82 -0.57	24.83 0.62 -0.48	22.94 0.55 -0.51
NEG CENTRAL___STATE_STREET 24147	15.14 0.38 -2.45	14.11 0.38 -1.73	13.05 0.36 -1.78	9.90 0.23 -2.62	8.72 0.19 -3.09	9.16 0.21 -3.20	11.17 0.27 -3.57	12.30 0.30 -4.57	11.19 0.22 -5.31	17.08 0.55 -2.55	17.42 0.55 -3.19	17.32 0.49 -3.60	19.31 0.55 -2.97	20.24 0.59 -2.91	17.15 0.38 -4.83	16.45 0.35 -5.11	23.09 0.56 -5.04	26.45 0.60 -7.19	30.85 0.75 -6.77	31.95 0.84 -3.18	30.81 0.79 -0.69	26.68 0.61 -0.54	24.66 0.47 -0.45	22.78 0.42 -0.48
NEG MILLWOOD___DRP 24198	23.15 0.86 -9.98	19.88 0.83 -7.05	18.90 0.72 -7.28	18.22 0.46 -10.71	18.41 0.36 -12.61	19.19 0.37 -13.06	22.39 0.49 -14.58	26.58 0.50 -18.65	27.73 0.39 -21.67	25.43 1.03 -10.41	27.74 1.03 -13.03	29.01 1.09 -14.69	29.26 1.34 -12.14	30.02 1.39 -11.89	32.67 1.01 -19.72	32.79 0.94 -20.86	39.56 1.49 -20.58	49.77 1.74 -29.37	53.11 2.12 -27.66	43.33 2.43 -12.97	34.60 2.46 -2.81	29.86 2.12 -2.21	27.62 2.04 -1.84	25.49 1.64 -1.97

NEG NORTH_FLCN_SEA 23793	11.82 -0.49 0.00	11.48 -0.52 0.00	10.34 -0.57 0.00	6.67 -0.37 0.00	3.59 -0.27 1.59	2.44 -0.33 2.97	3.63 -0.40 3.30	3.68 -0.41 3.34	5.38 -0.28 0.00	10.82 -0.77 2.39	10.79 -0.79 2.10	10.81 -0.75 1.67	14.99 -0.79 0.00	10.83 -0.80 5.11	10.89 -0.60 0.45	10.47 -0.52 0.00	16.78 -0.72 0.00	18.12 -0.54 0.00	22.91 -0.42 0.00	27.71 -0.22 0.00	29.21 -0.12 0.00	25.58 0.05 0.00	23.85 0.12 0.00	22.14 0.26 0.00
NEG NORTH_KES_CHATEGAY 23792	11.69 -0.62 0.00	11.35 -0.65 0.00	10.24 -0.67 0.00	6.61 -0.44 0.00	3.56 -0.33 1.56	2.45 -0.39 2.92	3.61 -0.48 3.23	3.67 -0.48 3.28	5.32 -0.35 0.00	10.71 -0.92 2.35	10.69 -0.93 2.06	10.72 -0.87 1.64	14.82 -0.96 0.00	10.73 -1.00 5.01	10.78 -0.72 0.44	10.35 -0.64 0.00	16.60 -0.89 0.00	17.90 -0.77 0.00	22.63 -0.70 0.00	27.35 -0.59 0.00	28.83 -0.50 0.00	25.25 -0.28 0.00	23.57 -0.17 0.00	21.88 0.00 0.00
NEG NORTH___ALICE_FALLS 23915	11.82 -0.49 0.00	11.47 -0.53 0.00	10.33 -0.58 0.00	6.66 -0.38 0.00	3.59 -0.27 1.58	2.45 -0.34 2.97	3.63 -0.41 3.29	3.69 -0.41 3.33	5.38 -0.28 0.00	10.81 -0.78 2.39	10.79 -0.79 2.09	10.80 -0.77 1.66	14.96 -0.82 0.00	10.83 -0.82 5.09	10.88 -0.61 0.45	10.47 -0.52 0.00	16.78 -0.72 0.00	18.12 -0.54 0.00	22.93 -0.40 0.00	27.71 -0.22 0.00	29.18 -0.15 0.00	25.55 0.03 0.00	23.83 0.09 0.00	22.12 0.24 0.00
NEG NORTH___LWR_SARANAC 23913	11.82 -0.49 0.00	11.47 -0.53 0.00	10.33 -0.58 0.00	6.66 -0.38 0.00	3.59 -0.27 1.58	2.45 -0.34 2.97	3.63 -0.41 3.29	3.69 -0.41 3.33	5.38 -0.28 0.00	10.81 -0.78 2.39	10.79 -0.79 2.09	10.80 -0.77 1.66	14.96 -0.82 0.00	10.83 -0.82 5.09	10.88 -0.61 0.45	10.47 -0.52 0.00	16.78 -0.72 0.00	18.12 -0.54 0.00	22.93 -0.40 0.00	27.71 -0.22 0.00	29.18 -0.15 0.00	25.55 0.03 0.00	23.83 0.09 0.00	22.12 0.24 0.00
NEG NORTH___PLATTSBURG 23628	11.82 -0.49 0.00	11.47 -0.53 0.00	10.33 -0.58 0.00	6.67 -0.37 0.00	3.59 -0.27 1.58	2.44 -0.34 2.97	3.63 -0.41 3.29	3.69 -0.41 3.33	5.38 -0.28 0.00	10.82 -0.78 2.39	10.79 -0.79 2.09	10.80 -0.77 1.66	14.96 -0.82 0.00	10.83 -0.82 5.09	10.88 -0.61 0.45	10.47 -0.52 0.00	16.78 -0.72 0.00	18.12 -0.54 0.00	22.93 -0.40 0.00	27.71 -0.22 0.00	29.18 -0.15 0.00	25.55 0.03 0.00	23.83 0.10 0.00	22.12 0.24 0.00
NEG WEST_LEA_LOCKPORT 23791	15.04 0.14 -2.59	14.05 0.22 -1.83	13.04 0.25 -1.89	9.99 0.16 -2.78	8.86 0.14 -3.28	9.33 0.19 -3.39	11.32 0.21 -3.79	12.43 0.16 -4.84	11.41 0.12 -5.63	16.84 0.15 -2.70	17.12 0.05 -3.38	17.15 0.11 -3.82	19.15 0.22 -3.15	20.08 0.25 -3.09	17.26 0.20 -5.12	16.61 0.21 -5.42	23.10 0.26 -5.34	26.50 0.21 -7.63	30.77 0.26 -7.18	31.61 0.31 -3.37	30.26 0.21 -0.73	26.25 0.15 -0.57	24.14 -0.07 -0.48	22.46 0.07 -0.51
NEG WEST___LANCASTR 23811	14.94 -0.17 -2.80	13.88 -0.10 -1.98	12.91 -0.03 -2.04	10.01 -0.04 -3.01	8.98 -0.01 -3.54	9.46 0.04 -3.66	11.44 0.03 -4.09	12.68 0.01 -5.23	11.76 0.01 -6.08	16.81 -0.10 -2.92	17.17 -0.16 -3.66	17.28 -0.08 -4.12	19.16 -0.03 -3.41	20.08 0.00 -3.34	17.49 0.02 -5.53	16.88 0.04 -5.85	23.34 0.07 -5.77	26.92 0.02 -8.24	31.14 0.05 -7.76	31.60 0.03 -3.64	29.97 -0.15 -0.79	25.99 -0.15 -0.62	23.87 -0.38 -0.52	22.13 -0.31 -0.55
NEG_PENN_ALLEGHNY 23528	16.92 0.41 -4.20	15.39 0.42 -2.97	14.37 0.40 -3.06	11.81 0.25 -4.51	10.96 0.21 -5.31	11.48 0.22 -5.50	13.75 0.29 -6.14	15.59 0.30 -7.86	15.02 0.22 -9.13	18.92 0.54 -4.39	19.70 0.53 -5.49	19.94 0.52 -6.19	21.48 0.58 -5.11	22.39 0.64 -5.01	20.70 0.45 -8.31	20.18 0.41 -8.78	26.81 0.65 -8.67	31.72 0.69 -12.37	35.84 0.86 -11.65	34.40 1.00 -5.46	31.51 1.00 -1.18	27.27 0.82 -0.93	25.20 0.69 -0.78	23.32 0.61 -0.83
NEG___GEN_MONROE 24207	15.06 0.38 -2.37	14.09 0.42 -1.67	13.07 0.44 -1.73	9.87 0.28 -2.54	8.65 0.22 -2.99	9.09 0.24 -3.10	11.09 0.31 -3.46	12.16 0.30 -4.42	11.03 0.23 -5.14	16.96 0.50 -2.47	17.19 0.42 -3.09	17.09 0.37 -3.48	19.17 0.50 -2.88	20.15 0.59 -2.82	17.03 0.42 -4.68	16.32 0.38 -4.95	22.92 0.54 -4.88	26.17 0.54 -6.97	30.61 0.72 -6.56	31.88 0.87 -3.08	30.73 0.73 -0.67	26.56 0.51 -0.52	24.53 0.36 -0.44	22.79 0.44 -0.47
NEPA___ENERGY 23901	15.38 0.23 -2.83	14.29 0.29 -2.00	13.30 0.33 -2.07	10.28 0.20 -3.04	9.20 0.17 -3.58	9.69 0.23 -3.71	11.73 0.27 -4.14	13.00 0.27 -5.30	12.02 0.20 -6.15	17.33 0.39 -2.96	17.69 0.31 -3.70	17.78 0.37 -4.17	19.73 0.50 -3.45	20.70 0.59 -3.38	17.98 0.44 -5.60	17.33 0.43 -5.92	24.02 0.68 -5.84	27.67 0.67 -8.34	32.02 0.84 -7.85	32.60 0.98 -3.68	31.01 0.88 -0.80	26.87 0.71 -0.63	24.69 0.43 -0.52	22.88 0.44 -0.56
NEVERSINK___HYD 23608	21.72 0.81 -8.60	18.85 0.77 -6.08	17.86 0.69 -6.27	16.73 0.45 -9.23	16.66 0.35 -10.87	17.35 0.34 -11.26	20.33 0.45 -12.56	23.95 0.45 -16.07	24.68 0.34 -18.68	23.83 0.87 -8.97	25.77 0.86 -11.23	26.79 0.90 -12.66	27.35 1.10 -10.46	28.14 1.15 -10.25	29.80 0.87 -16.99	29.77 0.81 -17.97	36.52 1.29 -17.73	45.56 1.59 -25.31	49.10 1.94 -23.83	41.37 2.26 -11.17	34.04 2.29 -2.42	29.40 1.97 -1.90	27.22 1.90 -1.59	25.13 1.55 -1.70
NEWKRMKL_115KV_TB1 55635	25.05 0.44 -12.29	21.11 0.42 -8.69	20.25 0.38 -8.96	20.49 0.25 -13.20	21.17 0.20 -15.53	22.07 0.22 -16.09	25.56 0.28 -17.95	30.67 0.26 -22.97	32.57 0.20 -26.70	27.30 0.49 -12.83	30.18 0.45 -16.05	31.79 0.46 -18.10	31.29 0.55 -14.96	31.99 0.60 -14.65	36.65 0.42 -24.29	37.07 0.40 -25.69	43.47 0.63 -25.34	55.62 0.78 -36.18	58.40 1.00 -34.06	45.08 1.17 -15.97	34.02 1.23 -3.46	29.29 1.05 -2.72	26.93 0.93 -2.27	25.12 0.81 -2.43
NEWTON___FALLS_HYD 23847	12.56 -0.31 -0.56	12.07 -0.32 -0.40	11.02 -0.29 -0.41	7.46 -0.19 -0.60	5.16 -0.17 0.11	4.71 -0.24 0.80	6.17 -0.28 0.88	6.46 -0.30 0.67	6.65 -0.24 -1.22	12.72 -0.62 0.65	12.73 -0.60 0.35	12.58 -0.62 0.03	15.69 -0.77 -0.68	13.98 -0.80 1.96	12.24 -0.57 -0.88	11.64 -0.52 -1.18	17.88 -0.77 -1.16	19.53 -0.78 -1.66	24.05 -0.84 -1.56	27.63 -1.03 -0.73	28.55 -0.94 -0.16	24.89 -0.77 -0.12	23.17 -0.66 -0.10	21.51 -0.48 -0.11
NGRID_A1_DSASP 323792	14.96 0.04 -2.61	13.99 0.14 -1.85	12.99 0.19 -1.91	9.99 0.14 -2.81	8.87 0.13 -3.30	9.35 0.18 -3.42	11.28 0.14 -3.82	12.34 0.04 -4.87	11.36 0.03 -5.66	16.66 -0.06 -2.73	16.94 -0.15 -3.41	16.97 -0.11 -3.84	18.91 -0.05 -3.18	19.85 0.00 -3.11	17.10 0.01 -5.15	16.48 0.04 -5.45	22.81 -0.05 -5.37	26.19 -0.17 -7.69	30.39 -0.19 -7.24	31.11 -0.22 -3.40	29.68 -0.38 -0.74	25.75 -0.36 -0.58	23.72 -0.50 -0.48	22.18 -0.22 -0.52
NGRID_A2_DSASP 323793	14.96 0.04 -2.61	13.99 0.14 -1.85	12.99 0.19 -1.91	9.99 0.14 -2.81	8.87 0.13 -3.30	9.35 0.18 -3.42	11.28 0.14 -3.82	12.34 0.04 -4.87	11.36 0.03 -5.66	16.66 -0.06 -2.73	16.94 -0.15 -3.41	16.97 -0.11 -3.84	18.91 -0.05 -3.18	19.85 0.00 -3.11	17.10 0.01 -5.15	16.48 0.04 -5.45	22.81 -0.05 -5.37	26.19 -0.17 -7.69	30.39 -0.19 -7.24	31.11 -0.22 -3.40	29.68 -0.38 -0.74	25.75 -0.36 -0.58	23.72 -0.50 -0.48	22.18 -0.22 -0.52

NGRID_A4_DSASP 323807	14.96 0.04 -2.61	13.99 0.14 -1.85	12.99 0.19 -1.91	9.99 0.14 -2.81	8.87 0.13 -3.30	9.35 0.18 -3.42	11.28 0.14 -3.82	12.34 0.04 -4.87	11.36 0.03 -5.66	16.66 -0.06 -2.73	16.94 -0.15 -3.41	16.97 -0.11 -3.84	18.91 -0.05 -3.18	19.85 0.00 -3.11	17.10 0.01 -5.15	16.48 0.04 -5.45	22.81 -0.05 -5.37	26.19 -0.17 -7.69	30.39 -0.19 -7.24	31.11 -0.22 -3.40	29.68 -0.38 -0.74	25.75 -0.36 -0.58	23.72 -0.50 -0.48	22.18 -0.22 -0.52
NIAGARA_115E_LBMP 323715	14.88 -0.05 -2.62	13.89 0.04 -1.85	12.90 0.09 -1.91	9.91 0.06 -2.81	8.81 0.06 -3.31	9.29 0.11 -3.43	11.24 0.09 -3.82	12.35 0.02 -4.89	11.37 0.02 -5.68	16.65 -0.07 -2.73	16.93 -0.16 -3.42	16.98 -0.11 -3.85	18.92 -0.05 -3.18	19.83 -0.03 -3.12	17.11 0.00 -5.17	16.49 0.03 -5.47	22.85 -0.03 -5.39	26.23 -0.13 -7.70	30.42 -0.16 -7.25	31.08 -0.25 -3.40	29.74 -0.32 -0.74	25.77 -0.33 -0.58	23.74 -0.47 -0.48	22.11 -0.29 -0.52
NIAGARA_115W_LBMP 323714	14.95 0.02 -2.61	13.97 0.12 -1.85	12.97 0.16 -1.90	9.97 0.13 -2.80	8.86 0.12 -3.30	9.34 0.17 -3.42	11.26 0.12 -3.81	12.32 0.01 -4.87	11.34 0.02 -5.65	16.63 -0.08 -2.72	16.91 -0.18 -3.41	16.93 -0.15 -3.84	18.88 -0.08 -3.18	19.80 -0.05 -3.11	17.06 -0.02 -5.15	16.44 0.01 -5.44	22.76 -0.10 -5.37	26.12 -0.22 -7.69	30.29 -0.28 -7.24	31.02 -0.31 -3.39	29.59 -0.47 -0.73	25.67 -0.43 -0.58	23.65 -0.57 -0.48	22.14 -0.26 -0.52
NIAGARA_230_LBMP 323716	14.99 0.09 -2.59	14.00 0.17 -1.83	13.00 0.21 -1.89	9.96 0.13 -2.79	8.84 0.12 -3.28	9.31 0.17 -3.40	11.28 0.17 -3.79	12.40 0.12 -4.85	11.39 0.09 -5.63	16.79 0.10 -2.71	17.07 0.00 -3.39	17.09 0.04 -3.82	19.08 0.14 -3.16	20.00 0.17 -3.09	17.21 0.14 -5.13	16.56 0.15 -5.42	23.00 0.16 -5.35	26.35 0.06 -7.64	30.59 0.07 -7.19	31.36 0.06 -3.37	30.00 -0.06 -0.73	26.00 -0.10 -0.57	23.95 -0.26 -0.48	22.33 -0.07 -0.51
NIAGARA__115KV_198_GIBSON 55903	14.95 0.02 -2.61	13.97 0.12 -1.85	12.98 0.17 -1.90	9.98 0.13 -2.80	8.86 0.12 -3.30	9.34 0.17 -3.42	11.26 0.12 -3.81	12.32 0.02 -4.87	11.34 0.02 -5.65	16.63 -0.08 -2.72	16.91 -0.18 -3.41	16.95 -0.13 -3.84	18.86 -0.09 -3.18	19.80 -0.05 -3.11	17.06 -0.02 -5.15	16.44 0.01 -5.44	22.78 -0.09 -5.37	26.14 -0.21 -7.69	30.29 -0.28 -7.24	31.02 -0.31 -3.39	29.65 -0.41 -0.73	25.75 -0.36 -0.58	23.70 -0.52 -0.48	22.13 -0.26 -0.52
NIAGARA____ 23760	15.01 0.09 -2.62	14.02 0.17 -1.85	13.02 0.21 -1.91	9.98 0.13 -2.81	8.87 0.12 -3.30	9.34 0.17 -3.42	11.31 0.17 -3.82	12.43 0.12 -4.88	11.42 0.09 -5.67	16.81 0.10 -2.73	17.09 0.00 -3.41	17.12 0.04 -3.84	19.10 0.14 -3.18	20.02 0.17 -3.11	17.24 0.14 -5.16	16.59 0.15 -5.45	23.03 0.16 -5.38	26.40 0.06 -7.68	30.63 0.07 -7.23	31.38 0.06 -3.39	30.00 -0.06 -0.73	26.00 -0.10 -0.58	23.96 -0.26 -0.48	22.33 -0.07 -0.52
NINE_MILE_1 23575	13.62 -0.17 -1.48	12.88 -0.17 -1.05	11.84 -0.14 -1.08	8.54 -0.09 -1.59	7.25 -0.07 -1.87	7.62 -0.07 -1.94	9.40 -0.09 -2.16	10.11 -0.09 -2.77	8.82 -0.07 -3.22	15.36 -0.17 -1.55	15.45 -0.16 -1.93	15.23 -0.19 -2.18	17.35 -0.24 -1.80	18.26 -0.25 -1.77	14.69 -0.18 -2.93	13.90 -0.18 -3.10	20.27 -0.28 -3.05	22.57 -0.45 -4.36	26.83 -0.61 -4.11	29.11 -0.75 -1.92	28.95 -0.79 -0.42	25.14 -0.71 -0.33	23.32 -0.69 -0.27	21.58 -0.59 -0.29
NINE_MILE_2 23744	13.61 -0.17 -1.48	12.87 -0.17 -1.04	11.84 -0.14 -1.08	8.53 -0.09 -1.58	7.24 -0.07 -1.86	7.61 -0.07 -1.93	9.39 -0.09 -2.15	10.10 -0.09 -2.76	8.80 -0.07 -3.20	15.36 -0.17 -1.54	15.44 -0.16 -1.93	15.22 -0.19 -2.17	17.34 -0.24 -1.79	18.25 -0.25 -1.76	14.67 -0.18 -2.91	13.89 -0.18 -3.08	20.25 -0.28 -3.04	22.55 -0.45 -4.34	26.81 -0.61 -4.09	29.10 -0.75 -1.92	28.95 -0.79 -0.41	25.14 -0.71 -0.33	23.32 -0.69 -0.27	21.58 -0.59 -0.29
NM_CAPITAL____DRP 24208	25.04 0.47 -12.26	21.12 0.46 -8.66	20.25 0.41 -8.94	20.46 0.26 -13.16	21.14 0.21 -15.49	22.03 0.24 -16.04	25.52 0.29 -17.90	30.62 0.28 -22.91	32.50 0.22 -26.62	27.28 0.50 -12.79	30.16 0.48 -16.01	31.77 0.49 -18.05	31.28 0.58 -14.91	31.97 0.62 -14.60	36.60 0.44 -24.22	37.02 0.42 -25.61	43.43 0.66 -25.27	55.56 0.82 -36.08	58.35 1.05 -33.97	45.09 1.23 -15.93	34.07 1.29 -3.45	29.36 1.12 -2.71	26.97 0.97 -2.26	25.18 0.88 -2.42
NM_CENTRAL____DRP 24181	14.45 0.14 -2.01	13.56 0.14 -1.42	12.51 0.14 -1.46	9.29 0.09 -2.15	8.06 0.08 -2.54	8.46 0.09 -2.63	10.37 0.11 -2.93	11.31 0.13 -3.75	10.12 0.09 -4.36	16.32 0.24 -2.09	16.53 0.23 -2.62	16.39 0.20 -2.96	18.43 0.21 -2.44	19.35 0.22 -2.39	16.05 0.14 -3.97	15.30 0.12 -4.19	21.82 0.19 -4.14	24.64 0.07 -5.91	28.94 0.05 -5.56	30.54 0.00 -2.61	29.86 -0.03 -0.56	25.95 -0.03 -0.44	24.06 -0.05 -0.37	22.23 -0.04 -0.40
NM_FRONTIER____DRP 24179	14.95 0.02 -2.61	13.97 0.12 -1.85	12.98 0.17 -1.90	9.98 0.13 -2.80	8.86 0.12 -3.30	9.34 0.17 -3.42	11.26 0.12 -3.81	12.32 0.02 -4.87	11.34 0.02 -5.65	16.63 -0.08 -2.72	16.91 -0.18 -3.41	16.95 -0.13 -3.84	18.86 -0.09 -3.18	19.80 -0.05 -3.11	17.06 -0.02 -5.15	16.44 0.01 -5.44	22.78 -0.09 -5.37	26.14 -0.21 -7.69	30.29 -0.28 -7.24	31.02 -0.31 -3.39	29.65 -0.41 -0.73	25.75 -0.36 -0.58	23.70 -0.52 -0.48	22.13 -0.26 -0.52
NM_ST_REGIS____HYD 24053	12.10 -0.50 -0.29	11.68 -0.53 -0.21	10.60 -0.51 -0.21	7.03 -0.32 -0.31	4.25 -0.28 0.92	3.34 -0.39 2.03	4.61 -0.47 2.24	4.78 -0.48 2.17	5.92 -0.38 -0.63	11.38 -0.97 1.64	11.40 -0.96 1.32	11.37 -0.94 0.92	15.03 -1.10 -0.35	11.80 -1.16 3.79	11.32 -0.82 -0.21	10.85 -0.75 -0.61	16.96 -1.14 -0.60	18.46 -1.06 -0.86	22.97 -1.17 -0.81	27.03 -1.29 -0.38	28.12 -1.29 -0.08	24.65 -0.94 -0.06	23.12 -0.66 -0.05	21.52 -0.42 -0.06
NORTHPORT____1 23551	26.61 1.00 -13.31	22.90 1.03 -9.87	19.03 0.88 -7.24	18.25 0.54 -10.67	18.91 0.42 -13.04	21.91 0.48 -15.68	25.16 0.61 -17.23	30.32 0.63 -22.26	31.11 0.50 -24.94	25.60 1.24 -10.37	28.34 1.22 -13.44	29.13 1.27 -14.63	29.41 1.53 -12.10	30.23 1.56 -11.93	34.51 1.10 -21.47	37.45 1.05 -25.41	40.15 1.59 -21.06	49.76 1.85 -29.25	58.37 2.24 -32.80	43.53 2.68 -12.91	35.35 2.64 -3.38	30.10 2.35 -2.23	28.43 2.51 -2.18	25.92 2.08 -1.96
NORTHPORT____2 23552	26.61 1.00 -13.31	22.90 1.03 -9.87	19.03 0.88 -7.24	18.25 0.54 -10.67	18.91 0.42 -13.04	21.91 0.48 -15.68	25.16 0.61 -17.23	30.32 0.63 -22.26	31.11 0.50 -24.94	25.60 1.24 -10.37	28.34 1.22 -13.44	29.13 1.27 -14.63	29.41 1.53 -12.10	30.23 1.56 -11.93	34.51 1.10 -21.47	37.45 1.05 -25.41	40.15 1.59 -21.06	49.76 1.85 -29.25	58.37 2.24 -32.80	43.53 2.68 -12.91	35.35 2.64 -3.38	30.10 2.35 -2.23	28.43 2.51 -2.18	25.92 2.08 -1.96
NORTHPORT____3 23553	26.78 1.17 -13.30	22.91 1.04 -9.87	19.03 0.88 -7.24	18.32 0.61 -10.67	18.96 0.48 -13.03	21.92 0.49 -15.68	25.25 0.70 -17.22	30.40 0.71 -22.26	31.12 0.52 -24.94	25.64 1.29 -10.37	28.51 1.40 -13.44	29.17 1.31 -14.63	29.63 1.75 -12.10	30.51 1.83 -11.94	34.78 1.32 -21.51	37.56 1.18 -25.40	40.38 1.82 -21.06	50.09 2.18 -29.25	58.70 2.57 -32.80	43.92 3.07 -12.91	35.85 3.14 -3.38	30.59 2.78 -2.28	28.53 2.61 -2.18	25.97 2.12 -1.96

NORTHPORT___4 23650	26.78 1.17 -13.30	22.91 1.04 -9.87	19.03 0.88 -7.24	18.32 0.61 -10.67	18.96 0.48 -13.03	21.92 0.49 -15.68	25.25 0.70 -17.22	30.40 0.71 -22.26	31.12 0.52 -24.94	25.64 1.29 -10.37	28.51 1.40 -13.44	29.17 1.31 -14.63	29.63 1.75 -12.10	30.51 1.83 -11.94	34.78 1.32 -21.51	37.56 1.18 -25.40	40.38 1.82 -21.06	50.09 2.18 -29.25	58.70 2.57 -32.80	43.92 3.07 -12.91	35.85 3.14 -3.38	30.59 2.78 -2.28	28.53 2.61 -2.18	25.97 2.12 -1.96
NORTHPORT___IC 23718	26.61 1.00 -13.31	22.90 1.03 -9.87	19.03 0.88 -7.24	18.25 0.54 -10.67	18.91 0.42 -13.04	21.91 0.48 -15.68	25.16 0.61 -17.23	30.32 0.63 -22.26	31.11 0.50 -24.94	25.60 1.24 -10.37	28.34 1.22 -13.44	29.13 1.27 -14.63	29.41 1.53 -12.10	30.23 1.56 -11.93	34.51 1.10 -21.47	37.45 1.05 -25.41	40.15 1.59 -21.06	49.76 1.85 -29.25	58.37 2.24 -32.80	43.53 2.68 -12.91	35.35 2.64 -3.38	30.10 2.35 -2.23	28.43 2.51 -2.18	25.92 2.08 -1.96
NORTH___COUNTRY_ESR 323785	11.66 -0.65 0.00	11.32 -0.68 0.00	10.21 -0.70 0.00	6.59 -0.46 0.00	3.55 -0.34 1.56	2.43 -0.40 2.92	3.59 -0.50 3.23	3.65 -0.51 3.28	5.30 -0.37 0.00	10.67 -0.96 2.35	10.65 -0.97 2.06	10.68 -0.91 1.64	14.77 -1.01 0.00	10.70 -1.04 5.01	10.74 -0.75 0.44	10.31 -0.67 0.00	16.53 -0.96 0.00	17.84 -0.82 0.00	22.56 -0.77 0.00	27.27 -0.67 0.00	28.74 -0.59 0.00	25.17 -0.36 0.00	23.50 -0.24 0.00	21.82 -0.07 0.00
NPX_GEN_1385_PROXY 323591	26.61 1.00 -13.31	22.90 1.03 -9.87	19.03 0.88 -7.24	18.25 0.54 -10.67	18.91 0.42 -13.04	21.91 0.48 -15.68	25.16 0.61 -17.23	30.32 0.63 -22.26	31.11 0.50 -24.94	25.60 1.24 -10.37	28.34 1.22 -13.44	29.13 1.27 -14.63	29.41 1.53 -12.10	30.23 1.56 -11.93	34.51 1.10 -21.47	37.45 1.05 -25.41	40.15 1.59 -21.06	49.76 1.85 -29.25	58.37 2.24 -32.80	43.53 2.68 -12.91	35.35 2.64 -3.38	30.10 2.35 -2.23	28.43 2.51 -2.18	25.92 2.08 -1.96
NPX_GEN_CSC 323557	26.81 1.19 -13.31	23.19 1.32 -9.87	19.11 0.96 -7.24	18.36 0.65 -10.67	18.99 0.51 -13.04	22.38 0.90 -15.72	25.80 1.21 -17.27	30.93 1.20 -22.30	31.43 0.82 -24.94	25.64 1.29 -10.37	28.54 1.42 -13.44	29.23 1.36 -14.63	31.16 2.78 -12.60	33.09 2.85 -13.50	35.39 1.83 -21.63	38.33 1.93 -25.41	41.55 2.99 -21.06	51.27 3.36 -29.25	59.91 3.78 -32.80	46.66 5.81 -12.91	37.52 4.81 -3.38	32.92 5.00 -2.39	30.65 4.72 -2.19	27.17 3.32 -1.96
NSINS_S_GLNS_FALLS 23858	25.64 0.66 -12.67	21.59 0.64 -8.95	20.71 0.57 -9.24	21.00 0.36 -13.60	21.73 0.28 -16.01	22.64 0.31 -16.58	26.23 0.40 -18.50	31.52 0.41 -23.68	33.53 0.36 -27.51	28.04 0.84 -13.22	31.01 0.79 -16.54	32.70 0.82 -18.65	32.12 0.93 -15.41	32.84 1.00 -15.09	37.60 0.63 -25.03	38.11 0.65 -26.47	44.63 1.01 -26.12	57.20 1.25 -37.28	60.05 1.61 -35.11	46.30 1.90 -16.46	34.89 1.99 -3.56	30.02 1.68 -2.80	27.50 1.42 -2.34	25.63 1.25 -2.50
NUCOR_STEEL___DRP 24197	15.12 0.41 -2.40	14.10 0.41 -1.70	13.03 0.38 -1.75	9.87 0.25 -2.58	8.68 0.20 -3.03	9.11 0.22 -3.14	11.11 0.29 -3.50	12.22 0.30 -4.48	11.10 0.22 -5.21	17.05 0.56 -2.50	17.36 0.55 -3.13	17.27 0.50 -3.53	19.25 0.55 -2.92	20.19 0.59 -2.86	17.07 0.39 -4.74	16.35 0.35 -5.01	23.00 0.56 -4.95	26.28 0.56 -7.06	30.68 0.70 -6.65	31.84 0.78 -3.12	30.77 0.76 -0.68	26.67 0.61 -0.53	24.65 0.47 -0.44	22.79 0.44 -0.47
NUMBER_THREE_WT_PWR 323818	13.05 0.01 -0.73	12.51 -0.01 -0.52	11.45 0.01 -0.53	7.84 0.01 -0.79	6.05 -0.02 -0.62	6.10 -0.03 -0.38	7.74 -0.01 -0.43	8.12 -0.04 -0.72	7.24 -0.02 -1.59	14.20 -0.08 -0.30	14.13 -0.10 -0.55	13.86 -0.13 -0.76	16.47 -0.21 -0.89	16.42 -0.20 0.12	13.16 -0.14 -1.36	12.40 -0.12 -1.53	18.88 -0.12 -1.51	20.60 -0.22 -2.16	25.22 -0.14 -2.03	28.66 -0.22 -0.95	29.56 0.03 -0.21	25.66 -0.03 -0.16	23.66 -0.21 -0.14	21.87 -0.15 -0.14
NYISO_LBMP_REFERENCE 24008	12.31 0.00 0.00	12.00 0.00 0.00	10.90 0.00 0.00	7.04 0.00 0.00	5.44 0.00 0.00	5.75 0.00 0.00	7.32 0.00 0.00	7.43 0.00 0.00	5.67 0.00 0.00	13.99 0.00 0.00	13.68 0.00 0.00	13.23 0.00 0.00	15.78 0.00 0.00	16.74 0.00 0.00	11.94 0.00 0.00	10.99 0.00 0.00	17.49 0.00 0.00	18.66 0.00 0.00	23.33 0.00 0.00	27.94 0.00 0.00	29.33 0.00 0.00	25.53 0.00 0.00	23.74 0.00 0.00	21.88 0.00 0.00
NYPA_BRENTWD___GT 24164	26.65 1.03 -13.31	22.96 1.09 -9.87	19.03 0.88 -7.24	18.26 0.54 -10.67	18.93 0.44 -13.05	21.99 0.55 -15.68	25.24 0.68 -17.23	30.38 0.68 -22.26	31.20 0.59 -24.94	25.80 1.44 -10.37	28.40 1.27 -13.45	29.17 1.31 -14.63	29.65 1.72 -12.15	30.55 1.74 -12.07	35.02 1.24 -21.84	37.61 1.21 -25.42	40.41 1.85 -21.06	50.00 2.09 -29.25	58.93 2.80 -32.80	44.25 3.41 -12.91	35.76 3.05 -3.38	30.89 2.76 -2.61	28.89 2.97 -2.19	26.29 2.45 -1.96
NYPA_GOWANUS___GT5 24156	23.29 1.03 -9.95	20.02 0.98 -7.03	19.00 0.85 -7.25	18.27 0.55 -10.68	18.41 0.41 -12.56	19.16 0.40 -13.01	22.35 0.51 -14.52	26.51 0.51 -18.57	27.64 0.40 -21.58	25.46 1.10 -10.37	27.79 1.13 -12.98	29.13 1.24 -14.65	29.36 1.48 -12.09	30.12 1.54 -11.84	32.71 1.13 -19.64	32.78 1.02 -20.77	39.45 1.47 -20.49	49.68 1.77 -29.25	52.97 2.10 -27.54	43.33 2.49 -12.91	34.64 2.52 -2.79	30.03 2.30 -2.20	28.00 2.42 -1.84	25.86 2.01 -1.96
NYPA_GOWANUS___GT6 24157	23.29 1.03 -9.95	20.02 0.98 -7.03	19.00 0.85 -7.25	18.27 0.55 -10.68	18.41 0.41 -12.56	19.16 0.40 -13.01	22.35 0.51 -14.52	26.51 0.51 -18.57	27.64 0.40 -21.58	25.46 1.10 -10.37	27.79 1.13 -12.98	29.13 1.24 -14.65	29.36 1.48 -12.09	30.12 1.54 -11.84	32.71 1.13 -19.64	32.78 1.02 -20.77	39.45 1.47 -20.49	49.68 1.77 -29.25	52.97 2.10 -27.54	43.33 2.49 -12.91	34.64 2.52 -2.79	30.03 2.30 -2.20	28.00 2.42 -1.84	25.86 2.01 -1.96
NYPA_HARLEM__RVR_GT1 24160	23.23 0.97 -9.95	19.97 0.94 -7.03	18.97 0.82 -7.25	18.26 0.54 -10.68	18.40 0.40 -12.56	19.13 0.37 -13.01	22.30 0.45 -14.52	26.46 0.46 -18.57	27.59 0.35 -21.58	25.34 0.99 -10.36	27.66 1.01 -12.97	28.99 1.11 -14.64	29.21 1.34 -12.09	29.97 1.39 -11.84	32.61 1.03 -19.64	32.64 0.89 -20.76	39.34 1.37 -20.49	49.57 1.66 -29.25	52.83 1.96 -27.54	43.16 2.32 -12.91	34.32 2.20 -2.79	29.87 2.14 -2.20	27.81 2.23 -1.84	25.77 1.93 -1.96
NYPA_HARLEM__RVR_GT2 24161	23.23 0.97 -9.95	19.97 0.94 -7.03	18.97 0.82 -7.25	18.26 0.54 -10.68	18.40 0.40 -12.56	19.13 0.37 -13.01	22.30 0.45 -14.52	26.46 0.46 -18.57	27.59 0.35 -21.58	25.34 0.99 -10.36	27.66 1.01 -12.97	28.99 1.11 -14.64	29.21 1.34 -12.09	29.97 1.39 -11.84	32.61 1.03 -19.64	32.64 0.89 -20.76	39.34 1.37 -20.49	49.57 1.66 -29.25	52.83 1.96 -27.54	43.16 2.32 -12.91	34.32 2.20 -2.79	29.87 2.14 -2.20	27.81 2.23 -1.84	25.77 1.93 -1.96
NYPA_KENT___GT 24152	23.26 1.00 -9.95	19.98 0.95 -7.03	18.97 0.82 -7.25	18.25 0.53 -10.68	18.40 0.40 -12.56	19.15 0.39 -13.01	22.34 0.50 -14.52	26.51 0.51 -18.57	27.63 0.39 -21.58	25.43 1.08 -10.37	27.77 1.11 -12.98	29.09 1.45 -14.65	29.33 1.45 -12.09	30.09 1.51 -11.84	32.68 1.10 -19.64	32.75 0.99 -20.77	39.41 1.43 -20.49	49.64 1.74 -29.25	52.90 2.03 -27.54	43.27 2.43 -12.91	34.55 2.43 -2.79	29.97 2.25 -2.20	27.93 2.35 -1.84	25.79 1.95 -1.96

NYPA_POUCH1____GT 24155	23.30 1.05 -9.95	20.03 1.00 -7.03	19.02 0.87 -7.25	18.28 0.56 -10.68	18.42 0.41 -12.56	19.16 0.40 -13.01	22.36 0.52 -14.52	26.52 0.52 -18.57	27.65 0.40 -21.58	25.48 1.12 -10.37	27.81 1.15 -12.98	29.14 1.26 -14.65	29.37 1.50 -12.09	30.14 1.56 -11.84	32.73 1.15 -19.64	32.79 1.03 -20.77	39.45 1.47 -20.49	49.68 1.77 -29.25	52.97 2.10 -27.54	43.33 2.49 -12.91	34.70 2.58 -2.79	30.05 2.32 -2.20	28.02 2.45 -1.84	25.88 2.04 -1.96
NYPA_VERNON____GT2 24162	23.21 0.95 -9.95	19.93 0.90 -7.03	18.94 0.79 -7.25	18.24 0.51 -10.68	18.38 0.38 -12.56	19.14 0.37 -13.01	22.32 0.48 -14.52	26.49 0.49 -18.57	27.62 0.38 -21.58	25.42 1.06 -10.37	27.74 1.08 -12.98	29.06 1.18 -14.65	29.28 1.40 -12.09	30.04 1.46 -11.84	32.65 1.07 -19.64	32.71 0.96 -20.77	39.40 1.42 -20.49	49.61 1.70 -29.25	52.85 1.98 -27.54	43.22 2.37 -12.91	34.46 2.35 -2.79	29.92 2.20 -2.20	27.86 2.28 -1.84	25.70 1.86 -1.96
NYPA_VERNON____GT3 24163	23.21 0.95 -9.95	19.93 0.90 -7.03	18.94 0.79 -7.25	18.24 0.51 -10.68	18.38 0.38 -12.56	19.14 0.37 -13.01	22.32 0.48 -14.52	26.49 0.49 -18.57	27.62 0.38 -21.58	25.42 1.06 -10.37	27.74 1.08 -12.98	29.06 1.18 -14.65	29.28 1.40 -12.09	30.04 1.46 -11.84	32.65 1.07 -19.64	32.71 0.96 -20.77	39.40 1.42 -20.49	49.61 1.70 -29.25	52.85 1.98 -27.54	43.22 2.37 -12.91	34.46 2.35 -2.79	29.92 2.20 -2.20	27.86 2.28 -1.84	25.70 1.86 -1.96
NYPA____ASTORIA_CC1 323568	23.21 0.95 -9.95	19.93 0.90 -7.03	18.94 0.79 -7.25	18.23 0.51 -10.68	18.38 0.38 -12.56	19.13 0.37 -13.01	22.32 0.48 -14.52	26.48 0.48 -18.57	27.61 0.37 -21.58	25.39 1.03 -10.37	27.73 1.07 -12.98	29.03 1.15 -14.65	29.26 1.39 -12.09	30.02 1.44 -11.84	32.63 1.05 -19.64	32.69 0.93 -20.77	39.36 1.38 -20.49	49.59 1.68 -29.25	52.83 1.96 -27.54	43.16 2.32 -12.91	34.41 2.29 -2.79	29.90 2.17 -2.20	27.83 2.26 -1.84	25.70 1.86 -1.96
NYPA____ASTORIA_CC2 323569	23.21 0.95 -9.95	19.93 0.90 -7.03	18.94 0.79 -7.25	18.23 0.51 -10.68	18.38 0.38 -12.56	19.13 0.37 -13.01	22.32 0.48 -14.52	26.48 0.48 -18.57	27.61 0.37 -21.58	25.39 1.03 -10.37	27.73 1.07 -12.98	29.03 1.15 -14.65	29.26 1.39 -12.09	30.02 1.44 -11.84	32.63 1.05 -19.64	32.69 0.93 -20.77	39.36 1.38 -20.49	49.59 1.68 -29.25	52.83 1.96 -27.54	43.16 2.32 -12.91	34.41 2.29 -2.79	29.90 2.17 -2.20	27.83 2.26 -1.84	25.70 1.86 -1.96
NYPA____HOLTSVILL 23794	26.89 1.23 -13.35	23.20 1.33 -9.87	19.14 0.99 -7.24	18.42 0.67 -10.71	19.13 0.52 -13.16	22.35 0.87 -15.72	25.75 1.16 -17.27	30.88 1.14 -22.30	31.41 0.80 -24.94	25.68 1.33 -10.37	28.63 1.46 -13.48	29.26 1.40 -14.63	31.06 2.68 -12.60	33.01 2.76 -13.50	38.52 1.77 -24.82	38.35 1.83 -25.53	41.43 2.87 -21.06	51.14 3.23 -29.25	59.84 3.71 -32.80	46.35 5.50 -12.91	37.32 4.57 -3.42	35.91 4.75 -5.64	30.50 4.53 -2.23	27.11 3.26 -1.96
NYPA____HELLGATE_GT1 24158	23.23 0.97 -9.95	19.97 0.94 -7.03	18.97 0.82 -7.25	18.26 0.54 -10.68	18.40 0.40 -12.56	19.13 0.37 -13.01	22.30 0.45 -14.52	26.46 0.46 -18.57	27.59 0.35 -21.58	25.34 0.99 -10.36	27.66 1.01 -12.97	28.99 1.11 -14.64	29.21 1.34 -12.09	29.97 1.39 -11.84	32.61 1.03 -19.64	32.64 0.89 -20.76	39.33 1.35 -20.49	49.55 1.64 -29.25	52.80 1.94 -27.54	43.13 2.29 -12.91	34.32 2.20 -2.79	29.87 2.14 -2.20	27.83 2.26 -1.84	25.77 1.93 -1.96
NYPA____HELLGATE_GT2 24159	23.23 0.97 -9.95	19.97 0.94 -7.03	18.97 0.82 -7.25	18.26 0.54 -10.68	18.40 0.40 -12.56	19.13 0.37 -13.01	22.30 0.45 -14.52	26.46 0.46 -18.57	27.59 0.35 -21.58	25.34 0.99 -10.36	27.66 1.01 -12.97	28.99 1.11 -14.64	29.21 1.34 -12.09	29.97 1.39 -11.84	32.61 1.03 -19.64	32.64 0.89 -20.76	39.33 1.35 -20.49	49.55 1.64 -29.25	52.80 1.94 -27.54	43.13 2.29 -12.91	34.32 2.20 -2.79	29.87 2.14 -2.20	27.83 2.26 -1.84	25.77 1.93 -1.96
NYS_BARGE____HYD 23848	15.03 0.14 -2.58	14.03 0.20 -1.82	13.03 0.24 -1.88	9.96 0.15 -2.77	8.84 0.14 -3.26	9.32 0.19 -3.38	11.29 0.19 -3.77	12.40 0.14 -4.82	11.38 0.11 -5.60	16.82 0.14 -2.69	17.09 0.04 -3.37	17.13 0.09 -3.80	19.13 0.20 -3.14	20.05 0.23 -3.08	17.23 0.19 -5.10	16.58 0.20 -5.39	23.06 0.24 -5.32	26.45 0.19 -7.60	30.74 0.26 -7.15	31.54 0.25 -3.35	30.20 0.15 -0.73	26.18 0.08 -0.57	24.09 -0.12 -0.48	22.44 0.04 -0.51
OAK ORCHARD____HYD 24046	15.00 0.33 -2.36	14.01 0.35 -1.67	12.97 0.35 -1.72	9.81 0.23 -2.53	8.60 0.18 -2.98	9.05 0.21 -3.08	11.03 0.26 -3.44	12.11 0.27 -4.40	10.98 0.20 -5.12	16.88 0.43 -2.46	17.13 0.37 -3.08	17.05 0.34 -3.47	19.12 0.47 -2.87	20.07 0.52 -2.81	16.98 0.38 -4.66	16.25 0.34 -4.93	22.84 0.49 -4.86	26.06 0.47 -6.94	30.49 0.63 -6.53	31.70 0.70 -3.06	30.58 0.59 -0.66	26.46 0.41 -0.52	24.43 0.26 -0.44	22.65 0.31 -0.47
OAKDALE__35_KV_LOAD 356122	16.84 0.36 -4.18	15.32 0.37 -2.95	14.31 0.36 -3.04	11.75 0.23 -4.48	10.91 0.19 -5.28	11.42 0.20 -5.47	13.68 0.26 -6.10	15.51 0.27 -7.80	14.93 0.20 -9.07	18.82 0.48 -4.36	19.60 0.47 -5.45	19.83 0.45 -6.15	21.38 0.52 -5.08	22.29 0.57 -4.98	20.60 0.41 -8.25	20.07 0.36 -8.73	26.68 0.58 -8.61	31.57 0.62 -12.29	35.67 0.77 -11.57	34.23 0.87 -5.43	31.38 0.88 -1.17	27.17 0.71 -0.92	25.10 0.59 -0.77	23.23 0.53 -0.83
OCC_CHEM____DRP 24175	14.97 0.05 -2.61	13.99 0.14 -1.85	13.01 0.20 -1.91	10.00 0.15 -2.81	8.87 0.13 -3.30	9.35 0.18 -3.42	11.28 0.14 -3.82	12.35 0.04 -4.87	11.36 0.03 -5.66	16.66 -0.06 -2.73	16.95 -0.14 -3.41	16.99 -0.09 -3.85	18.91 -0.05 -3.18	19.86 0.00 -3.11	17.10 0.01 -5.15	16.48 0.04 -5.45	22.83 -0.03 -5.37	26.20 -0.15 -7.69	30.36 -0.21 -7.24	31.11 -0.22 -3.40	29.74 -0.32 -0.74	25.83 -0.28 -0.58	23.77 -0.45 -0.48	22.20 -0.20 -0.52
OH_GEN_PROXY 24063	15.00 0.10 -2.59	14.00 0.17 -1.83	13.00 0.21 -1.89	9.96 0.13 -2.78	8.84 0.13 -3.28	9.31 0.17 -3.39	11.29 0.18 -3.79	12.40 0.13 -4.85	11.39 0.10 -5.63	16.80 0.11 -2.70	17.09 0.03 -3.39	17.12 0.07 -3.82	19.09 0.16 -3.15	20.01 0.18 -3.09	17.22 0.15 -5.12	16.57 0.17 -5.42	23.01 0.17 -5.35	26.38 0.09 -7.63	30.63 0.12 -7.18	31.42 0.11 -3.37	30.03 -0.03 -0.73	26.05 -0.05 -0.57	24.00 -0.21 -0.48	22.35 -0.04 -0.51
OLIN_CORP_DRP 24177	14.92 -0.01 -2.63	13.92 0.06 -1.86	12.94 0.12 -1.91	9.94 0.08 -2.82	8.83 0.07 -3.32	9.31 0.12 -3.44	11.28 0.12 -3.84	12.39 0.05 -4.91	11.41 0.04 -5.70	16.68 -0.04 -2.74	16.98 -0.12 -3.43	17.03 -0.07 -3.87	18.98 0.00 -3.20	19.89 0.02 -3.13	17.16 0.04 -5.19	16.53 0.05 -5.49	22.92 0.02 -5.41	26.32 -0.07 -7.73	30.51 -0.09 -7.28	31.24 -0.11 -3.41	29.86 -0.21 -0.74	25.93 -0.18 -0.58	23.84 -0.38 -0.48	22.20 -0.20 -0.52
OLIN_CORP_DSASP 323712	14.96 0.04 -2.61	13.99 0.14 -1.85	12.99 0.19 -1.91	9.99 0.14 -2.81	8.87 0.13 -3.30	9.35 0.18 -3.42	11.28 0.14 -3.82	12.34 0.04 -4.87	11.36 0.03 -5.66	16.66 -0.06 -2.73	16.94 -0.15 -3.41	16.97 -0.11 -3.84	18.91 -0.05 -3.18	19.85 0.00 -3.11	17.10 0.01 -5.15	16.48 0.04 -5.45	22.81 -0.05 -5.37	26.19 -0.17 -7.69	30.39 -0.19 -7.24	31.11 -0.22 -3.40	29.68 -0.38 -0.74	25.75 -0.36 -0.58	23.72 -0.50 -0.48	22.18 -0.22 -0.52

ONEIDA_HERK_LFGE 323681	13.10 0.18 -0.60	12.59 0.17 -0.43	11.52 0.17 -0.44	7.80 0.11 -0.65	6.19 0.07 -0.68	6.46 0.07 -0.64	8.15 0.11 -0.71	8.48 0.09 -0.96	7.06 0.08 -1.31	14.67 0.18 -0.51	14.54 0.18 -0.68	14.20 0.16 -0.80	16.66 0.14 -0.74	17.36 0.17 -0.45	13.23 0.12 -1.17	12.36 0.11 -1.26	18.97 0.23 -1.25	20.67 0.22 -1.78	25.38 0.37 -1.67	29.08 0.36 -0.79	30.00 0.50 -0.17	26.04 0.38 -0.13	24.08 0.24 -0.11	22.24 0.24 -0.12
ONEIDA___115KV_TB4 55905	13.71 0.39 -1.00	13.08 0.37 -0.71	12.00 0.36 -0.73	8.35 0.23 -1.08	6.88 0.17 -1.27	7.25 0.18 -1.31	9.04 0.25 -1.47	9.56 0.25 -1.88	8.04 0.19 -2.18	15.50 0.46 -1.05	15.44 0.45 -1.31	15.12 0.41 -1.48	17.44 0.44 -1.22	18.44 0.50 -1.20	14.28 0.36 -1.99	13.40 0.32 -2.10	20.12 0.56 -2.07	22.23 0.62 -2.96	26.95 0.84 -2.78	30.16 0.92 -1.31	30.61 1.00 -0.28	26.54 0.79 -0.22	24.56 0.64 -0.19	22.67 0.59 -0.20
ONONDAGA_REF_OCCRA 23987	14.73 0.20 -2.22	13.77 0.20 -1.57	12.72 0.20 -1.62	9.55 0.12 -2.38	8.35 0.10 -2.81	8.77 0.12 -2.91	10.71 0.15 -3.24	11.75 0.16 -4.15	10.61 0.12 -4.82	16.61 0.31 -2.32	16.89 0.31 -2.90	16.77 0.26 -3.27	18.77 0.28 -2.70	19.71 0.32 -2.65	16.53 0.20 -4.39	15.81 0.19 -4.64	22.35 0.28 -4.58	25.40 0.21 -6.53	29.72 0.23 -6.15	31.04 0.22 -2.88	30.16 0.21 -0.62	26.17 0.15 -0.49	24.26 0.12 -0.41	22.43 0.11 -0.44
ONONDAGA___COGEN 23986	14.74 0.25 -2.18	13.79 0.25 -1.54	12.73 0.24 -1.59	9.53 0.15 -2.34	8.33 0.13 -2.76	8.74 0.14 -2.86	10.69 0.18 -3.19	11.72 0.21 -4.08	10.56 0.15 -4.74	16.65 0.39 -2.28	16.92 0.40 -2.85	16.80 0.36 -3.21	18.81 0.38 -2.65	19.71 0.37 -2.60	16.50 0.25 -4.31	15.75 0.21 -4.56	22.32 0.33 -4.50	25.36 0.28 -6.42	29.68 0.30 -6.05	31.11 0.34 -2.83	30.24 0.29 -0.61	26.24 0.23 -0.48	24.30 0.17 -0.40	22.47 0.15 -0.43
ONTARIO___LFGE 23819	15.33 0.44 -2.58	14.27 0.44 -1.82	13.21 0.42 -1.88	10.08 0.27 -2.77	8.93 0.22 -3.26	9.39 0.26 -3.38	11.43 0.33 -3.77	12.62 0.36 -4.83	11.53 0.26 -5.61	17.31 0.63 -2.69	17.62 0.57 -3.37	17.58 0.54 -3.80	19.52 0.60 -3.14	20.49 0.67 -3.08	17.50 0.47 -5.10	16.81 0.43 -5.40	23.50 0.68 -5.32	27.01 0.75 -7.60	31.42 0.93 -7.15	32.21 0.92 -3.35	31.08 1.03 -0.73	26.89 0.79 -0.57	24.81 0.59 -0.48	22.92 0.52 -0.51
ORANGEVILLE_WT_PWR 323706	15.40 0.17 -2.92	14.29 0.23 -2.06	13.28 0.25 -2.13	10.34 0.16 -3.13	9.27 0.14 -3.68	9.76 0.20 -3.82	11.80 0.22 -4.26	13.08 0.20 -5.45	12.16 0.16 -6.33	17.32 0.29 -3.04	17.71 0.22 -3.81	17.79 0.26 -4.29	19.71 0.38 -3.55	20.63 0.42 -3.47	18.02 0.32 -5.76	17.39 0.31 -6.09	23.98 0.47 -6.01	27.73 0.48 -8.58	32.04 0.63 -8.08	32.42 0.70 -3.79	30.77 0.62 -0.82	26.66 0.48 -0.65	24.54 0.26 -0.54	22.76 0.31 -0.58
ORANGEVILLE___ESR 323794	15.40 0.17 -2.92	14.29 0.23 -2.06	13.28 0.25 -2.13	10.34 0.16 -3.13	9.27 0.14 -3.68	9.76 0.20 -3.82	11.80 0.22 -4.26	13.08 0.20 -5.45	12.16 0.16 -6.33	17.32 0.29 -3.04	17.71 0.22 -3.81	17.79 0.26 -4.29	19.71 0.38 -3.55	20.63 0.42 -3.47	18.02 0.32 -5.76	17.39 0.31 -6.09	23.98 0.47 -6.01	27.73 0.48 -8.58	32.04 0.63 -8.08	32.42 0.70 -3.79	30.77 0.62 -0.82	26.66 0.48 -0.65	24.54 0.26 -0.54	22.76 0.31 -0.58
OSWEGATCHIE___HYD 24044	12.56 -0.31 -0.56	12.07 -0.32 -0.40	11.02 -0.29 -0.41	7.46 -0.19 -0.60	5.16 -0.17 0.11	4.71 -0.24 0.80	6.17 -0.28 0.88	6.46 -0.31 0.67	6.65 -0.24 -1.22	12.72 -0.62 0.65	12.73 -0.60 0.35	12.58 -0.62 0.03	15.69 -0.77 -0.68	13.98 -0.80 1.96	12.24 -0.57 -0.88	11.64 -0.52 -1.18	17.88 -0.77 -1.16	19.53 -0.78 -1.66	24.05 -0.84 -1.56	27.63 -1.03 -0.73	28.55 -0.94 -0.16	24.89 -0.77 -0.12	23.17 -0.66 -0.10	21.51 -0.48 -0.11
OSWEGO___5 23606	13.66 -0.12 -1.47	12.93 -0.11 -1.04	11.88 -0.10 -1.07	8.56 -0.06 -1.58	7.26 -0.04 -1.86	7.63 -0.05 -1.93	9.42 -0.06 -2.15	10.13 -0.05 -2.75	8.82 -0.05 -3.20	15.43 -0.10 -1.54	15.49 -0.11 -1.92	15.27 -0.13 -2.17	17.41 -0.16 -1.79	18.33 -0.17 -1.75	14.72 -0.13 -2.91	13.94 -0.12 -3.08	20.32 -0.21 -3.04	22.64 -0.36 -4.33	26.95 -0.47 -4.08	29.26 -0.59 -1.91	29.10 -0.65 -0.41	25.29 -0.56 -0.33	23.46 -0.54 -0.27	21.71 -0.46 -0.29
OSWEGO___6 23613	13.66 -0.12 -1.47	12.93 -0.11 -1.04	11.88 -0.10 -1.07	8.56 -0.06 -1.58	7.26 -0.04 -1.86	7.63 -0.05 -1.93	9.42 -0.06 -2.15	10.13 -0.05 -2.75	8.82 -0.05 -3.20	15.43 -0.10 -1.54	15.49 -0.11 -1.92	15.27 -0.13 -2.17	17.41 -0.16 -1.79	18.33 -0.17 -1.75	14.72 -0.13 -2.91	13.94 -0.12 -3.08	20.32 -0.21 -3.04	22.64 -0.36 -4.33	26.95 -0.47 -4.08	29.26 -0.59 -1.91	29.10 -0.65 -0.41	25.29 -0.56 -0.33	23.46 -0.54 -0.27	21.71 -0.46 -0.29
OUTOKUMPU-AB___DRP 24206	15.16 0.21 -2.64	14.15 0.29 -1.86	13.15 0.33 -1.92	10.09 0.21 -2.83	8.96 0.18 -3.33	9.45 0.24 -3.45	11.43 0.25 -3.85	12.54 0.19 -4.93	11.54 0.15 -5.72	16.96 0.22 -2.75	17.25 0.12 -3.45	17.30 0.19 -3.88	19.31 0.32 -3.21	20.25 0.37 -3.14	17.42 0.27 -5.21	16.77 0.27 -5.51	23.31 0.38 -5.43	26.76 0.34 -7.76	31.06 0.42 -7.31	31.87 0.50 -3.43	30.45 0.38 -0.74	26.44 0.33 -0.58	24.29 0.07 -0.49	22.62 0.22 -0.52
OXBOW___ 24026	15.08 0.15 -2.63	14.10 0.24 -1.86	13.09 0.27 -1.91	10.04 0.18 -2.82	8.93 0.16 -3.32	9.41 0.22 -3.44	11.36 0.20 -3.84	12.46 0.13 -4.90	11.46 0.10 -5.69	16.84 0.11 -2.74	17.12 0.01 -3.43	17.17 0.08 -3.86	19.15 0.17 -3.19	20.10 0.23 -3.13	17.28 0.17 -5.18	16.65 0.19 -5.48	23.11 0.21 -5.40	26.52 0.13 -7.73	30.79 0.19 -7.28	31.55 0.20 -3.41	30.13 0.06 -0.74	26.13 0.03 -0.58	24.06 -0.16 -0.48	22.44 0.04 -0.52
OXY_CHEM_DSASP 323612	14.97 0.05 -2.61	13.99 0.14 -1.85	13.01 0.20 -1.91	10.00 0.15 -2.81	8.87 0.13 -3.30	9.35 0.18 -3.42	11.28 0.14 -3.82	12.35 0.04 -4.87	11.36 0.03 -5.66	16.66 -0.06 -2.73	16.95 -0.14 -3.41	16.99 -0.09 -3.85	18.91 -0.05 -3.18	19.86 0.00 -3.11	17.10 0.01 -5.15	16.48 0.04 -5.45	22.83 -0.03 -5.37	26.20 -0.15 -7.69	30.36 -0.21 -7.24	31.11 -0.22 -3.40	29.74 -0.32 -0.74	25.83 -0.28 -0.58	23.77 -0.45 -0.48	22.20 -0.20 -0.52
OZONE_PARK_ESR 323760	23.26 1.01 -9.94	19.97 0.95 -7.03	18.98 0.83 -7.25	18.25 0.54 -10.67	18.41 0.40 -12.56	19.19 0.43 -13.01	22.41 0.57 -14.52	26.59 0.58 -18.58	27.71 0.45 -21.59	25.59 1.23 -10.37	27.89 1.23 -12.98	29.21 1.32 -14.65	29.47 1.59 -12.09	30.23 1.64 -11.84	32.79 1.21 -19.64	32.86 1.10 -20.77	39.65 1.66 -20.49	49.89 1.98 -29.25	53.23 2.36 -27.55	43.62 2.77 -12.91	34.85 2.73 -2.80	30.15 2.43 -2.20	28.02 2.44 -1.84	25.81 1.97 -1.96
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	14.97 0.05 -2.61	13.99 0.14 -1.85	13.01 0.20 -1.91	10.00 0.15 -2.81	8.87 0.13 -3.30	9.35 0.18 -3.42	11.28 0.14 -3.82	12.35 0.04 -4.87	11.36 0.03 -5.66	16.66 -0.06 -2.73	16.95 -0.14 -3.41	16.99 -0.09 -3.85	18.91 -0.05 -3.18	19.86 0.00 -3.11	17.10 0.01 -5.15	16.48 0.04 -5.45	22.83 -0.03 -5.37	26.20 -0.15 -7.69	30.36 -0.21 -7.24	31.11 -0.22 -3.40	29.74 -0.32 -0.74	25.83 -0.28 -0.58	23.77 -0.45 -0.48	22.20 -0.20 -0.52

PACKARD__115KV_DUPONT_184 80571	14.97 0.05 -2.61	13.99 0.14 -1.85	13.01 0.20 -1.91	10.00 0.15 -2.81	8.87 0.13 -3.30	9.35 0.18 -3.42	11.28 0.14 -3.82	12.35 0.04 -4.87	11.36 0.03 -5.66	16.66 -0.06 -2.73	16.95 -0.14 -3.41	16.99 -0.09 -3.85	18.91 -0.05 -3.18	19.86 0.00 -3.11	17.10 0.01 -5.15	16.48 0.04 -5.45	22.83 -0.03 -5.37	26.20 -0.15 -7.69	30.36 -0.21 -7.24	31.11 -0.22 -3.40	29.74 -0.32 -0.74	25.83 -0.28 -0.58	23.77 -0.45 -0.48	22.20 -0.20 -0.52
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	23.22 0.97 -9.94	19.96 0.94 -7.03	18.97 0.82 -7.25	18.26 0.54 -10.67	18.40 0.40 -12.56	19.14 0.37 -13.01	22.30 0.46 -14.52	26.46 0.45 -18.58	27.60 0.35 -21.59	25.34 0.98 -10.37	27.66 1.00 -12.98	28.98 1.10 -14.65	29.18 1.31 -12.09	29.96 1.37 -11.84	32.59 1.01 -19.64	32.65 0.89 -20.77	39.33 1.35 -20.49	49.54 1.62 -29.25	52.79 1.91 -27.55	43.11 2.26 -12.91	34.30 2.17 -2.80	29.85 2.12 -2.20	27.81 2.23 -1.84	25.75 1.90 -1.96
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	23.35 1.10 -9.94	20.09 1.07 -7.03	19.08 0.93 -7.25	18.33 0.61 -10.67	18.45 0.45 -12.56	19.19 0.43 -13.01	22.38 0.53 -14.52	26.54 0.53 -18.58	27.65 0.40 -21.59	25.46 1.10 -10.37	27.79 1.14 -12.98	29.11 1.23 -14.65	29.33 1.45 -12.09	30.11 1.52 -11.84	32.70 1.12 -19.64	32.75 0.99 -20.77	39.49 1.50 -20.49	49.73 1.81 -29.25	53.02 2.15 -27.55	43.37 2.51 -12.91	34.53 2.40 -2.80	30.05 2.32 -2.20	28.05 2.47 -1.84	25.97 2.12 -1.96
PATROON__115KV_TB1 80586	25.11 0.47 -12.34	21.17 0.46 -8.72	20.30 0.40 -8.99	20.55 0.26 -13.24	21.24 0.21 -15.58	22.13 0.24 -16.15	25.63 0.29 -18.01	30.77 0.28 -23.05	32.67 0.22 -26.79	27.37 0.52 -12.87	30.28 0.49 -16.11	31.88 0.49 -18.16	31.39 0.60 -15.01	32.09 0.65 -14.70	36.75 0.44 -24.37	37.19 0.43 -25.78	43.59 0.66 -25.43	55.80 0.84 -36.30	58.59 1.07 -34.18	45.19 1.23 -16.03	34.12 1.32 -3.47	29.38 1.12 -2.73	26.99 0.97 -2.28	25.19 0.88 -2.44
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	15.04 -0.02 -2.76	13.99 0.05 -1.95	13.01 0.10 -2.01	10.05 0.05 -2.96	8.98 0.06 -3.48	9.47 0.12 -3.61	11.47 0.12 -4.02	12.68 0.10 -5.15	11.73 0.08 -5.98	16.93 0.07 -2.87	17.28 0.00 -3.60	17.37 0.08 -4.06	19.31 0.17 -3.35	20.24 0.22 -3.28	17.55 0.17 -5.44	16.92 0.18 -5.76	23.45 0.28 -5.68	27.01 0.24 -8.11	31.29 0.33 -7.63	31.85 0.34 -3.58	30.31 0.21 -0.78	26.29 0.15 -0.61	24.15 -0.09 -0.51	22.38 -0.04 -0.54
PAWLING_115_KV_BK3_REV_LBMP_H 345028	23.15 0.86 -9.98	19.88 0.83 -7.05	18.90 0.72 -7.28	18.22 0.46 -10.71	18.41 0.36 -12.61	19.19 0.37 -13.06	22.39 0.49 -14.58	26.58 0.50 -18.65	27.73 0.39 -21.67	25.43 1.03 -10.41	27.74 1.03 -13.03	29.01 1.09 -14.69	29.26 1.34 -12.14	30.02 1.39 -11.89	32.67 1.01 -19.72	32.79 0.94 -20.86	39.56 1.49 -20.58	49.77 1.74 -29.37	53.11 2.12 -27.66	43.33 2.43 -12.97	34.60 2.46 -2.81	29.86 2.12 -2.21	27.62 2.04 -1.84	25.49 1.64 -1.97
PEEKSKILL____ 23653	22.84 0.76 -9.77	19.63 0.73 -6.90	18.67 0.64 -7.12	17.95 0.42 -10.48	18.10 0.32 -12.34	18.87 0.34 -12.78	22.03 0.45 -14.26	26.14 0.45 -18.25	27.22 0.35 -21.21	25.11 0.94 -10.19	27.36 0.93 -12.75	28.59 0.98 -14.38	28.86 1.20 -11.88	29.63 1.26 -11.63	32.15 0.92 -19.30	32.24 0.85 -20.41	38.92 1.29 -20.13	48.95 1.55 -28.74	52.26 1.87 -27.06	42.80 2.18 -12.69	34.28 2.20 -2.75	29.60 1.92 -2.16	27.41 1.87 -1.80	25.32 1.51 -1.93
PGE MADISON__WINDPWR 24146	17.29 0.99 -4.00	15.75 0.92 -2.83	14.72 0.90 -2.92	11.91 0.58 -4.29	10.93 0.43 -5.05	11.45 0.47 -5.23	13.81 0.64 -5.84	15.53 0.62 -7.47	14.85 0.50 -8.68	19.37 1.22 -4.17	20.08 1.18 -5.22	20.21 1.09 -5.89	21.81 1.17 -4.87	22.76 1.26 -4.76	20.72 0.88 -7.90	20.13 0.79 -8.36	27.12 1.38 -8.25	32.09 1.66 -11.77	36.68 2.26 -11.08	35.67 2.54 -5.20	33.15 2.70 -1.13	28.63 2.22 -0.89	26.40 1.92 -0.74	24.44 1.77 -0.79
PIERCEFIELD__HYD 23852	12.15 -0.48 -0.32	11.75 -0.48 -0.23	10.67 -0.47 -0.23	7.09 -0.30 -0.34	4.35 -0.26 0.83	3.47 -0.38 1.90	4.76 -0.46 2.10	4.95 -0.48 2.01	5.98 -0.39 -0.69	11.47 -0.98 1.53	11.50 -0.96 1.22	11.47 -0.94 0.83	15.05 -1.12 -0.39	11.96 -1.19 3.60	11.37 -0.85 -0.28	10.88 -0.77 -0.67	16.98 -1.17 -0.66	18.47 -1.14 -0.94	22.93 -1.28 -0.89	26.87 -1.48 -0.42	27.92 -1.50 -0.09	24.48 -1.12 -0.07	23.01 -0.78 -0.06	21.42 -0.53 -0.06
PINELAWN_CC_1 323563	26.71 1.10 -13.31	22.95 1.08 -9.87	19.06 0.92 -7.24	18.29 0.58 -10.67	18.95 0.46 -13.05	21.95 0.52 -15.68	25.22 0.67 -17.23	30.39 0.69 -22.26	31.15 0.54 -24.94	25.70 1.34 -10.37	28.44 1.31 -13.44	29.17 1.31 -14.63	29.58 1.67 -12.13	30.50 1.74 -12.02	34.84 1.25 -21.65	37.58 1.19 -25.41	40.39 1.84 -21.06	50.05 2.15 -29.25	58.79 2.66 -32.80	44.00 3.16 -12.91	35.76 3.05 -3.38	30.67 2.73 -2.41	28.63 2.70 -2.19	26.10 2.25 -1.96
PJM_GEN_HTP_PROXY 323702	23.15 0.90 -9.94	19.89 0.86 -7.03	18.90 0.75 -7.25	18.20 0.49 -10.67	18.37 0.37 -12.56	19.15 0.39 -13.01	22.36 0.52 -14.52	26.54 0.53 -18.58	27.66 0.41 -21.59	25.48 1.12 -10.37	27.78 1.12 -12.98	29.09 1.20 -14.65	29.32 1.45 -12.09	30.09 1.51 -11.84	32.69 1.11 -19.64	32.76 1.00 -20.77	39.51 1.52 -20.49	49.73 1.81 -29.25	53.00 2.12 -27.54	43.39 2.54 -12.91	34.62 2.49 -2.80	29.97 2.25 -2.20	27.83 2.26 -1.84	25.66 1.82 -1.96
PJM_GEN_KEystone 24065	19.05 0.39 -6.34	16.90 0.42 -4.48	15.92 0.39 -4.62	14.11 0.25 -6.81	13.66 0.20 -8.01	14.28 0.22 -8.30	16.87 0.29 -9.26	19.57 0.28 -11.85	19.65 0.21 -13.77	21.12 0.52 -6.62	22.45 0.49 -8.28	23.10 0.53 -9.34	24.17 0.68 -7.72	25.02 0.72 -7.56	25.01 0.54 -12.53	24.74 0.51 -13.25	31.34 0.77 -13.08	38.20 0.88 -18.67	41.96 1.05 -17.58	37.38 1.20 -8.24	32.29 1.17 -1.78	27.93 0.99 -1.40	25.81 0.90 -1.17	23.88 0.74 -1.25
PJM_GEN_NEPTUNE_PROXY 323594	24.66 0.95 -11.40	21.17 0.91 -8.26	18.93 0.79 -7.24	18.22 0.51 -10.67	18.61 0.40 -12.77	20.34 0.42 -14.17	23.57 0.56 -15.69	28.18 0.57 -20.17	29.14 0.44 -23.04	25.50 1.15 -10.37	28.02 1.16 -13.18	29.04 1.18 -14.63	29.34 1.47 -12.10	30.14 1.52 -11.88	33.47 1.11 -20.42	34.79 1.02 -22.78	39.81 1.58 -20.74	49.76 1.85 -29.25	55.37 2.22 -29.82	43.47 2.63 -12.91	35.02 2.64 -3.05	30.05 2.32 -2.20	28.00 2.28 -1.99	25.70 1.86 -1.96
PJM_GEN_VFT_PROXY 323633	23.10 0.85 -9.94	19.83 0.80 -7.03	18.85 0.70 -7.25	18.17 0.45 -10.67	18.34 0.34 -12.56	19.12 0.36 -13.01	22.32 0.48 -14.52	26.51 0.50 -18.58	27.63 0.38 -21.59	25.42 1.06 -10.37	27.73 1.07 -12.98	29.02 1.14 -14.65	29.26 1.39 -12.09	30.01 1.42 -11.84	32.62 1.04 -19.64	32.70 0.94 -20.77	39.40 1.42 -20.49	49.63 1.72 -29.25	52.86 1.98 -27.55	43.22 2.37 -12.91	34.47 2.35 -2.80	29.87 2.14 -2.20	27.74 2.16 -1.84	25.57 1.73 -1.96
PLATSBRG_115KV_PMLD1 355749	11.82 -0.49 0.00	11.47 -0.53 0.00	10.34 -0.57 0.00	6.66 -0.38 0.00	3.59 -0.27 1.59	2.44 -0.34 2.97	3.63 -0.40 3.30	3.68 -0.41 3.34	5.38 -0.29 0.00	10.81 -0.78 2.40	10.79 -0.79 2.10	10.81 -0.75 1.67	14.98 -0.80 0.00	10.82 -0.82 5.11	10.88 -0.61 0.45	10.47 -0.52 0.00	16.76 -0.73 0.00	18.10 -0.56 0.00	22.91 -0.42 0.00	27.68 -0.25 0.00	29.18 -0.15 0.00	25.55 0.03 0.00	23.85 0.12 0.00	22.14 0.26 0.00

PLEASANTVLY___LBMP 24000	23.35 0.70 -10.34	19.99 0.68 -7.31	19.04 0.60 -7.54	18.53 0.39 -11.10	18.81 0.30 -13.06	19.60 0.32 -13.53	22.84 0.42 -15.10	27.18 0.42 -19.32	28.44 0.32 -22.46	25.61 0.84 -10.79	28.01 0.83 -13.50	29.33 0.87 -15.22	29.42 1.06 -12.58	30.18 1.12 -12.32	33.18 0.81 -20.43	33.34 0.75 -21.61	39.97 1.15 -21.32	50.47 1.38 -30.43	53.69 1.70 -28.65	43.35 1.98 -13.43	34.26 2.02 -2.91	29.58 1.76 -2.29	27.35 1.71 -1.91	25.32 1.40 -2.04
PLSNTVLE_13_KV_13.8KVDIST 80602	23.11 0.81 -9.99	19.84 0.78 -7.06	18.86 0.68 -7.28	18.21 0.44 -10.73	18.41 0.34 -12.62	19.19 0.36 -13.08	22.39 0.48 -14.59	26.59 0.48 -18.67	27.74 0.38 -21.70	25.40 0.99 -10.43	27.72 1.00 -13.05	28.99 1.05 -14.71	29.21 1.28 -12.16	29.99 1.34 -11.90	32.66 0.98 -19.74	32.76 0.90 -20.88	39.48 1.38 -20.60	49.71 1.64 -29.40	53.00 1.98 -27.69	43.24 2.32 -12.98	34.46 2.32 -2.81	29.76 2.02 -2.21	27.55 1.97 -1.84	25.45 1.60 -1.97
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	23.11 0.81 -9.99	19.84 0.78 -7.06	18.86 0.68 -7.28	18.21 0.44 -10.73	18.41 0.34 -12.62	19.19 0.36 -13.08	22.39 0.48 -14.59	26.59 0.48 -18.67	27.74 0.38 -21.70	25.40 0.99 -10.43	27.72 1.00 -13.05	28.99 1.05 -14.71	29.21 1.28 -12.16	29.99 1.34 -11.90	32.66 0.98 -19.74	32.76 0.90 -20.88	39.48 1.38 -20.60	49.71 1.64 -29.40	53.00 1.98 -27.69	43.24 2.32 -12.98	34.46 2.32 -2.81	29.76 2.02 -2.21	27.55 1.97 -1.84	25.45 1.60 -1.97
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	23.15 0.76 -10.08	19.85 0.73 -7.12	18.89 0.64 -7.34	18.28 0.42 -10.81	18.49 0.32 -12.73	19.27 0.33 -13.18	22.47 0.43 -14.71	26.70 0.44 -18.83	27.88 0.33 -21.88	25.36 0.87 -10.51	27.68 0.85 -13.15	28.96 0.90 -14.83	29.14 1.10 -12.26	29.90 1.16 -12.00	32.69 0.85 -19.91	32.83 0.79 -21.05	39.50 1.24 -20.77	49.80 1.49 -29.65	53.09 1.84 -27.91	43.15 2.12 -13.09	34.33 2.17 -2.83	29.65 1.89 -2.23	27.40 1.80 -1.86	25.36 1.49 -1.99
POLETTI____ 23519	23.16 0.91 -9.94	19.90 0.88 -7.03	18.90 0.75 -7.25	18.21 0.49 -10.67	18.38 0.38 -12.56	19.15 0.39 -13.01	22.36 0.52 -14.52	26.54 0.53 -18.58	27.66 0.41 -21.59	25.49 1.13 -10.37	27.79 1.14 -12.98	29.09 1.20 -14.65	29.33 1.45 -12.09	30.09 1.51 -11.84	32.69 1.11 -19.64	32.76 1.00 -20.77	39.49 1.50 -20.49	49.73 1.81 -29.25	53.00 2.12 -27.55	43.37 2.51 -12.91	34.59 2.46 -2.80	29.95 2.22 -2.20	27.83 2.25 -1.84	25.66 1.82 -1.96
POMONA___ESR 323819	22.09 0.69 -9.09	19.10 0.67 -6.43	18.13 0.60 -6.63	17.20 0.39 -9.76	17.23 0.30 -11.48	17.96 0.31 -11.90	21.00 0.40 -13.28	24.83 0.41 -16.99	25.72 0.31 -19.74	24.30 0.82 -9.49	26.38 0.83 -11.87	27.50 0.89 -13.38	27.91 1.07 -11.06	28.69 1.12 -10.83	30.74 0.84 -17.96	30.75 0.77 -19.00	37.43 1.19 -18.74	46.85 1.44 -26.75	50.22 1.70 -25.19	41.76 2.01 -11.81	33.91 2.02 -2.56	29.30 1.76 -2.01	27.12 1.71 -1.68	25.06 1.38 -1.80
PORT_JEFF_3 23555	26.91 1.26 -13.35	23.23 1.36 -9.87	19.16 1.01 -7.24	18.44 0.68 -10.71	19.14 0.53 -13.17	22.35 0.87 -15.72	25.75 1.16 -17.27	30.89 1.15 -22.30	31.42 0.81 -24.94	25.73 1.37 -10.37	28.65 1.49 -13.48	29.29 1.43 -14.63	31.09 2.70 -12.61	33.01 2.75 -13.52	38.55 1.74 -24.87	38.31 1.79 -25.53	41.34 2.78 -21.06	51.04 3.13 -29.25	59.75 3.62 -32.80	46.21 5.36 -12.91	37.21 4.46 -3.42	35.89 4.67 -5.69	30.47 4.51 -2.23	27.08 3.24 -1.96
PORT_JEFF_4 23616	26.91 1.26 -13.35	23.23 1.36 -9.87	19.16 1.01 -7.24	18.44 0.68 -10.71	19.14 0.53 -13.17	22.35 0.87 -15.72	25.75 1.16 -17.27	30.89 1.15 -22.30	31.42 0.81 -24.94	25.73 1.37 -10.37	28.65 1.49 -13.48	29.29 1.43 -14.63	31.09 2.70 -12.61	33.01 2.75 -13.52	38.55 1.74 -24.87	38.31 1.79 -25.53	41.34 2.78 -21.06	51.04 3.13 -29.25	59.75 3.62 -32.80	46.21 5.36 -12.91	37.21 4.46 -3.42	35.89 4.67 -5.69	30.47 4.51 -2.23	27.08 3.24 -1.96
PORT_JEFF_IC 23713	26.93 1.27 -13.35	23.21 1.34 -9.87	19.16 1.01 -7.24	18.44 0.68 -10.71	19.15 0.53 -13.17	22.34 0.86 -15.72	25.74 1.14 -17.27	30.87 1.14 -22.30	31.41 0.80 -24.94	25.74 1.38 -10.37	28.67 1.50 -13.49	29.30 1.44 -14.63	31.10 2.68 -12.63	33.08 2.73 -13.61	38.74 1.76 -25.05	38.33 1.80 -25.54	41.36 2.80 -21.06	51.06 3.15 -29.25	59.77 3.64 -32.80	46.18 5.34 -12.91	37.24 4.49 -3.42	36.03 4.62 -5.88	30.40 4.44 -2.23	27.06 3.22 -1.96
PPL PILGRIM_ST_GT1 24216	26.65 1.03 -13.31	22.96 1.09 -9.87	19.03 0.88 -7.24	18.26 0.54 -10.67	18.93 0.44 -13.05	21.99 0.55 -15.68	25.24 0.68 -17.23	30.38 0.68 -22.26	31.20 0.59 -24.94	25.80 1.44 -10.37	28.40 1.27 -13.45	29.17 1.31 -14.63	29.65 1.72 -12.15	30.55 1.74 -12.07	35.02 1.24 -21.84	37.61 1.21 -25.42	40.41 1.85 -21.06	50.00 2.09 -29.25	58.93 2.80 -32.80	44.25 3.41 -12.91	35.76 3.05 -3.38	30.89 2.76 -2.61	28.89 2.97 -2.19	26.29 2.45 -1.96
PPL PILGRIM_ST_GT2 24217	26.65 1.03 -13.31	22.96 1.09 -9.87	19.03 0.88 -7.24	18.26 0.54 -10.67	18.93 0.44 -13.05	21.99 0.55 -15.68	25.24 0.68 -17.23	30.38 0.68 -22.26	31.20 0.59 -24.94	25.80 1.44 -10.37	28.40 1.27 -13.45	29.17 1.31 -14.63	29.65 1.72 -12.15	30.55 1.74 -12.07	35.02 1.24 -21.84	37.61 1.21 -25.42	40.41 1.85 -21.06	50.00 2.09 -29.25	58.93 2.80 -32.80	44.25 3.41 -12.91	35.76 3.05 -3.38	30.89 2.76 -2.61	28.89 2.97 -2.19	26.29 2.45 -1.96
PPL_SHRM_GT3 24213	26.86 1.21 -13.35	23.20 1.33 -9.87	19.12 0.97 -7.24	18.41 0.66 -10.71	19.12 0.51 -13.17	22.39 0.91 -15.72	25.82 1.22 -17.27	30.94 1.20 -22.30	31.44 0.83 -24.94	25.64 1.29 -10.37	28.60 1.44 -13.48	29.23 1.36 -14.63	31.18 2.79 -12.61	33.12 2.86 -13.52	38.62 1.84 -24.85	38.46 1.94 -25.53	41.58 3.03 -21.06	51.29 3.38 -29.25	59.94 3.80 -32.80	46.72 5.87 -12.91	37.59 4.84 -3.42	36.25 5.06 -5.67	30.71 4.75 -2.23	27.19 3.35 -1.96
PPL_SHRM_GT4 24214	26.86 1.21 -13.35	23.20 1.33 -9.87	19.12 0.97 -7.24	18.41 0.66 -10.71	19.12 0.51 -13.17	22.39 0.91 -15.72	25.82 1.22 -17.27	30.94 1.20 -22.30	31.44 0.83 -24.94	25.64 1.29 -10.37	28.60 1.44 -13.48	29.23 1.36 -14.63	31.18 2.79 -12.61	33.12 2.86 -13.52	38.62 1.84 -24.85	38.46 1.94 -25.53	41.58 3.03 -21.06	51.29 3.38 -29.25	59.94 3.80 -32.80	46.72 5.87 -12.91	37.59 4.84 -3.42	36.25 5.06 -5.67	30.71 4.75 -2.23	27.19 3.35 -1.96
PROJECT___ORANGE 1 24174	14.49 0.16 -2.03	13.59 0.16 -1.43	12.53 0.15 -1.48	9.32 0.10 -2.17	8.08 0.08 -2.56	8.49 0.09 -2.65	10.41 0.12 -2.96	11.35 0.13 -3.78	10.16 0.10 -4.40	16.35 0.25 -2.11	16.58 0.26 -2.64	16.43 0.21 -2.98	18.46 0.22 -2.46	19.41 0.25 -2.41	16.11 0.17 -4.00	15.36 0.14 -4.23	21.88 0.21 -4.18	24.73 0.11 -5.96	29.01 0.07 -5.61	30.60 0.03 -2.63	29.90 0.00 -0.57	25.98 0.00 -0.45	24.09 -0.02 -0.37	22.26 -0.02 -0.40
PROJECT___ORANGE 2 24166	14.49 0.16 -2.03	13.59 0.16 -1.43	12.53 0.15 -1.48	9.32 0.10 -2.17	8.08 0.08 -2.56	8.49 0.09 -2.65	10.41 0.12 -2.96	11.35 0.13 -3.78	10.16 0.10 -4.40	16.35 0.25 -2.11	16.58 0.26 -2.64	16.43 0.21 -2.98	18.46 0.22 -2.46	19.41 0.25 -2.41	16.11 0.17 -4.00	15.36 0.14 -4.23	21.88 0.21 -4.18	24.73 0.11 -5.96	29.01 0.07 -5.61	30.60 0.03 -2.63	29.90 0.00 -0.57	25.98 0.00 -0.45	24.09 -0.02 -0.37	22.26 -0.02 -0.40

PUCKETT___SOLAR 323809	17.09 0.54 -4.24	15.54 0.54 -3.00	14.51 0.51 -3.09	11.93 0.33 -4.55	11.06 0.26 -5.36	11.59 0.28 -5.55	13.89 0.37 -6.20	15.73 0.37 -7.93	15.16 0.28 -9.21	19.08 0.67 -4.43	19.86 0.64 -5.54	20.09 0.61 -6.25	21.62 0.68 -5.16	22.53 0.74 -5.05	20.85 0.52 -8.38	20.32 0.47 -8.87	27.05 0.81 -8.75	32.06 0.91 -12.49	36.28 1.19 -11.76	34.79 1.34 -5.51	31.90 1.38 -1.19	27.62 1.15 -0.94	25.49 0.97 -0.78	23.57 0.85 -0.84
PYRITES___HYD 24023	12.40 -0.23 -0.32	11.96 -0.26 -0.23	10.89 -0.25 -0.23	7.23 -0.15 -0.34	4.44 -0.17 0.83	3.58 -0.28 1.90	4.91 -0.31 2.10	5.08 -0.34 2.01	6.08 -0.28 -0.69	11.74 -0.71 1.53	11.76 -0.70 1.22	11.69 -0.71 0.83	15.30 -0.87 -0.39	12.24 -0.90 3.60	11.56 -0.66 -0.28	11.06 -0.59 -0.67	17.30 -0.86 -0.66	18.88 -0.73 -0.94	23.52 -0.70 -0.89	27.51 -0.84 -0.42	28.63 -0.79 -0.09	25.04 -0.56 -0.07	23.46 -0.33 -0.06	21.86 -0.09 -0.06
QUAKERRD_115KV_BK1 80622	14.63 0.00 -2.32	13.66 0.02 -1.64	12.65 0.05 -1.69	9.57 0.04 -2.49	8.40 0.02 -2.93	8.83 0.04 -3.04	10.77 0.06 -3.39	11.83 0.06 -4.34	10.74 0.04 -5.04	16.46 0.06 -2.42	16.74 0.03 -3.03	16.65 0.00 -3.42	18.63 0.03 -2.82	19.57 0.07 -2.76	16.57 0.05 -4.58	15.87 0.03 -4.85	22.28 0.00 -4.78	25.43 -0.06 -6.83	29.71 -0.05 -6.43	30.87 -0.08 -3.01	29.78 -0.21 -0.65	25.79 -0.26 -0.51	23.81 -0.36 -0.43	22.06 -0.28 -0.46
QUENSBRY_115KV_TB8 356137	25.65 0.66 -12.68	21.60 0.64 -8.96	20.71 0.57 -9.24	21.01 0.36 -13.61	21.74 0.28 -16.01	22.65 0.31 -16.59	26.23 0.40 -18.51	31.54 0.42 -23.69	33.56 0.36 -27.53	28.06 0.85 -13.23	31.04 0.81 -16.55	32.73 0.83 -18.66	32.15 0.95 -15.42	32.87 1.02 -15.10	37.62 0.63 -25.05	38.12 0.65 -26.49	44.66 1.03 -26.13	57.22 1.25 -37.30	60.07 1.61 -35.13	46.33 1.93 -16.47	34.92 2.02 -3.57	30.02 1.68 -2.81	27.50 1.42 -2.34	25.63 1.25 -2.50
RAMAPO___LBMP 323565	22.10 0.68 -9.11	19.10 0.66 -6.44	18.14 0.59 -6.64	17.21 0.39 -9.78	17.26 0.30 -11.51	17.98 0.30 -11.93	21.03 0.40 -13.31	24.87 0.41 -17.03	25.76 0.31 -19.79	24.32 0.83 -9.51	26.40 0.82 -11.90	27.52 0.87 -13.41	27.94 1.07 -11.09	28.72 1.12 -10.86	30.77 0.82 -18.01	30.78 0.76 -19.04	37.45 1.17 -18.79	46.88 1.40 -26.82	50.26 1.68 -25.25	41.73 1.96 -11.84	33.86 1.97 -2.56	29.25 1.71 -2.02	27.10 1.69 -1.68	25.04 1.36 -1.80
RANKINE____ 23646	15.21 0.17 -2.73	14.17 0.24 -1.93	13.16 0.27 -1.99	10.14 0.17 -2.93	9.04 0.15 -3.44	9.53 0.21 -3.57	11.54 0.23 -3.98	12.73 0.21 -5.09	11.74 0.16 -5.92	17.10 0.27 -2.84	17.42 0.18 -3.56	17.50 0.25 -4.01	19.47 0.38 -3.32	20.42 0.44 -3.25	17.64 0.32 -5.38	17.00 0.32 -5.69	23.58 0.47 -5.62	27.13 0.45 -8.02	31.47 0.58 -7.55	32.15 0.67 -3.54	30.62 0.53 -0.77	26.59 0.46 -0.60	24.43 0.19 -0.50	22.68 0.26 -0.54
RAVENSWOOD_GT2_1 24244	23.14 0.89 -9.94	19.88 0.85 -7.03	18.89 0.74 -7.25	18.19 0.48 -10.67	18.37 0.36 -12.56	19.14 0.38 -13.01	22.35 0.51 -14.52	26.53 0.52 -18.58	27.65 0.40 -21.59	25.45 1.09 -10.37	27.75 1.09 -12.98	29.06 1.18 -14.65	29.29 1.42 -12.09	30.06 1.47 -11.84	32.65 1.07 -19.64	32.73 0.98 -20.77	39.46 1.47 -20.49	49.67 1.75 -29.25	52.95 2.08 -27.55	43.31 2.46 -12.91	34.56 2.43 -2.80	29.90 2.17 -2.20	27.76 2.18 -1.84	25.62 1.77 -1.96
RAVENSWOOD_GT2_2 24245	23.14 0.89 -9.94	19.88 0.85 -7.03	18.89 0.74 -7.25	18.19 0.48 -10.67	18.37 0.36 -12.56	19.14 0.38 -13.01	22.35 0.51 -14.52	26.53 0.52 -18.58	27.65 0.40 -21.59	25.45 1.09 -10.37	27.75 1.09 -12.98	29.06 1.18 -14.65	29.29 1.42 -12.09	30.06 1.47 -11.84	32.65 1.07 -19.64	32.73 0.98 -20.77	39.46 1.47 -20.49	49.67 1.75 -29.25	52.95 2.08 -27.55	43.31 2.46 -12.91	34.56 2.43 -2.80	29.90 2.17 -2.20	27.76 2.18 -1.84	25.62 1.77 -1.96
RAVENSWOOD_GT2_3 24246	23.15 0.90 -9.94	19.88 0.85 -7.03	18.89 0.74 -7.25	18.19 0.48 -10.67	18.37 0.36 -12.56	19.15 0.39 -13.01	22.35 0.51 -14.52	26.53 0.52 -18.58	27.65 0.40 -21.59	25.46 1.10 -10.37	27.77 1.11 -12.98	29.06 1.18 -14.65	29.29 1.42 -12.09	30.06 1.47 -11.84	32.67 1.09 -19.64	32.75 0.99 -20.77	39.47 1.49 -20.49	49.69 1.77 -29.25	52.98 2.10 -27.55	43.31 2.46 -12.91	34.59 2.46 -2.80	29.92 2.20 -2.20	27.79 2.21 -1.84	25.62 1.77 -1.96
RAVENSWOOD_GT2_4 24247	23.15 0.90 -9.94	19.88 0.85 -7.03	18.89 0.74 -7.25	18.19 0.48 -10.67	18.37 0.36 -12.56	19.15 0.39 -13.01	22.35 0.51 -14.52	26.53 0.52 -18.58	27.65 0.40 -21.59	25.46 1.10 -10.37	27.77 1.11 -12.98	29.06 1.18 -14.65	29.29 1.42 -12.09	30.06 1.47 -11.84	32.67 1.09 -19.64	32.75 0.99 -20.77	39.47 1.49 -20.49	49.69 1.77 -29.25	52.98 2.10 -27.55	43.31 2.46 -12.91	34.59 2.46 -2.80	29.92 2.20 -2.20	27.79 2.21 -1.84	25.62 1.77 -1.96
RAVENSWOOD_GT3_1 24248	23.15 0.90 -9.94	19.89 0.86 -7.03	18.89 0.74 -7.25	18.20 0.49 -10.67	18.37 0.36 -12.56	19.15 0.39 -13.01	22.35 0.51 -14.52	26.53 0.52 -18.58	27.65 0.40 -21.59	25.46 1.10 -10.37	27.77 1.11 -12.98	29.06 1.18 -14.65	29.29 1.42 -12.09	30.06 1.47 -11.84	32.67 1.09 -19.64	32.73 0.98 -20.77	39.46 1.47 -20.49	49.69 1.77 -29.25	52.95 2.08 -27.55	43.31 2.46 -12.91	34.56 2.43 -2.80	29.92 2.20 -2.20	27.79 2.21 -1.84	25.62 1.77 -1.96
RAVENSWOOD_GT3_2 24249	23.15 0.90 -9.94	19.89 0.86 -7.03	18.89 0.74 -7.25	18.20 0.49 -10.67	18.37 0.36 -12.56	19.15 0.39 -13.01	22.35 0.51 -14.52	26.53 0.52 -18.58	27.65 0.40 -21.59	25.46 1.10 -10.37	27.77 1.11 -12.98	29.06 1.18 -14.65	29.29 1.42 -12.09	30.06 1.47 -11.84	32.67 1.09 -19.64	32.73 0.98 -20.77	39.46 1.47 -20.49	49.69 1.77 -29.25	52.95 2.08 -27.55	43.31 2.46 -12.91	34.56 2.43 -2.80	29.92 2.20 -2.20	27.79 2.21 -1.84	25.62 1.77 -1.96
RAVENSWOOD_GT3_3 24250	23.17 0.92 -9.94	19.90 0.88 -7.03	18.91 0.76 -7.25	18.21 0.49 -10.67	18.38 0.38 -12.56	19.15 0.39 -13.01	22.36 0.52 -14.52	26.54 0.53 -18.58	27.66 0.41 -21.59	25.48 1.12 -10.37	27.78 1.12 -12.98	29.09 1.20 -14.65	29.33 1.45 -12.09	30.09 1.51 -11.84	32.68 1.10 -19.64	32.76 1.00 -20.77	39.49 1.50 -20.49	49.71 1.79 -29.25	53.00 2.12 -27.55	43.37 2.51 -12.91	34.62 2.49 -2.80	29.95 2.22 -2.20	27.83 2.25 -1.84	25.66 1.82 -1.96
RAVENSWOOD_GT3_4 24251	23.17 0.92 -9.94	19.90 0.88 -7.03	18.91 0.76 -7.25	18.21 0.49 -10.67	18.38 0.38 -12.56	19.15 0.39 -13.01	22.36 0.52 -14.52	26.54 0.53 -18.58	27.66 0.41 -21.59	25.48 1.12 -10.37	27.78 1.12 -12.98	29.09 1.20 -14.65	29.33 1.45 -12.09	30.09 1.51 -11.84	32.68 1.10 -19.64	32.76 1.00 -20.77	39.49 1.50 -20.49	49.71 1.79 -29.25	53.00 2.12 -27.55	43.37 2.51 -12.91	34.62 2.49 -2.80	29.95 2.22 -2.20	27.83 2.25 -1.84	25.66 1.82 -1.96
RAVENSWOOD_GT_1 23729	23.20 0.95 -9.94	19.93 0.90 -7.03	18.94 0.79 -7.25	18.23 0.51 -10.67	18.38 0.38 -12.56	19.14 0.37 -13.01	22.32 0.48 -14.52	26.50 0.49 -18.58	27.63 0.38 -21.59	25.42 1.06 -10.37	27.74 1.08 -12.98	29.06 1.18 -14.65	29.28 1.40 -12.09	30.04 1.46 -11.84	32.65 1.07 -19.64	32.71 0.96 -20.77	39.40 1.42 -20.49	49.61 1.70 -29.25	52.86 1.98 -27.55	43.20 2.35 -12.91	34.44 2.32 -2.80	29.90 2.17 -2.20	27.83 2.25 -1.84	25.71 1.86 -1.96

RAVENSWOOD_GT_10 24258	23.14 0.89 -9.94	19.88 0.85 -7.03	18.89 0.74 -7.25	18.19 0.48 -10.67	18.37 0.36 -12.56	19.14 0.38 -13.01	22.35 0.51 -14.52	26.53 0.52 -18.58	27.65 0.40 -21.59	25.45 1.09 -10.37	27.75 1.09 -12.98	29.06 1.18 -14.65	29.29 1.42 -12.09	30.06 1.47 -11.84	32.65 1.07 -19.64	32.73 0.98 -20.77	39.46 1.47 -20.49	49.67 1.75 -29.25	52.95 2.08 -27.55	43.31 2.46 -12.91	34.56 2.43 -2.80	29.90 2.17 -2.20	27.76 2.18 -1.84	25.62 1.77 -1.96
RAVENSWOOD_GT_11 24259	23.14 0.89 -9.94	19.88 0.85 -7.03	18.89 0.74 -7.25	18.19 0.48 -10.67	18.37 0.36 -12.56	19.14 0.38 -13.01	22.35 0.51 -14.52	26.53 0.52 -18.58	27.65 0.40 -21.59	25.45 1.09 -10.37	27.75 1.09 -12.98	29.06 1.18 -14.65	29.29 1.42 -12.09	30.06 1.47 -11.84	32.65 1.07 -19.64	32.73 0.98 -20.77	39.46 1.47 -20.49	49.67 1.75 -29.25	52.95 2.08 -27.55	43.31 2.46 -12.91	34.56 2.43 -2.80	29.90 2.17 -2.20	27.76 2.18 -1.84	25.62 1.77 -1.96
RAVENSWOOD_GT_4 24252	23.15 0.90 -9.94	19.88 0.85 -7.03	18.89 0.74 -7.25	18.19 0.48 -10.67	18.37 0.36 -12.56	19.15 0.39 -13.01	22.35 0.51 -14.52	26.53 0.52 -18.58	27.65 0.40 -21.59	25.46 1.10 -10.37	27.77 1.11 -12.98	29.06 1.18 -14.65	29.31 1.44 -12.09	30.06 1.47 -11.84	32.67 1.09 -19.64	32.75 0.99 -20.77	39.47 1.49 -20.49	49.69 1.77 -29.25	52.98 2.10 -27.55	43.31 2.46 -12.91	34.59 2.46 -2.80	29.92 2.20 -2.20	27.79 2.21 -1.84	25.62 1.77 -1.96
RAVENSWOOD_GT_5 24254	23.15 0.90 -9.94	19.88 0.85 -7.03	18.89 0.74 -7.25	18.19 0.48 -10.67	18.37 0.36 -12.56	19.15 0.39 -13.01	22.35 0.51 -14.52	26.53 0.52 -18.58	27.65 0.40 -21.59	25.46 1.10 -10.37	27.77 1.11 -12.98	29.06 1.18 -14.65	29.31 1.44 -12.09	30.06 1.47 -11.84	32.67 1.09 -19.64	32.75 0.99 -20.77	39.47 1.49 -20.49	49.69 1.77 -29.25	52.98 2.10 -27.55	43.31 2.46 -12.91	34.59 2.46 -2.80	29.92 2.20 -2.20	27.79 2.21 -1.84	25.62 1.77 -1.96
RAVENSWOOD_GT_6 24253	23.15 0.90 -9.94	19.88 0.85 -7.03	18.89 0.74 -7.25	18.19 0.48 -10.67	18.37 0.36 -12.56	19.15 0.39 -13.01	22.35 0.51 -14.52	26.53 0.52 -18.58	27.65 0.40 -21.59	25.46 1.10 -10.37	27.77 1.11 -12.98	29.06 1.18 -14.65	29.31 1.44 -12.09	30.06 1.47 -11.84	32.67 1.09 -19.64	32.75 0.99 -20.77	39.47 1.49 -20.49	49.69 1.77 -29.25	52.98 2.10 -27.55	43.31 2.46 -12.91	34.59 2.46 -2.80	29.92 2.20 -2.20	27.79 2.21 -1.84	25.62 1.77 -1.96
RAVENSWOOD_GT_7 24255	23.15 0.90 -9.94	19.88 0.85 -7.03	18.89 0.74 -7.25	18.19 0.48 -10.67	18.37 0.36 -12.56	19.15 0.39 -13.01	22.35 0.51 -14.52	26.53 0.52 -18.58	27.65 0.40 -21.59	25.46 1.10 -10.37	27.77 1.11 -12.98	29.06 1.18 -14.65	29.31 1.44 -12.09	30.06 1.47 -11.84	32.67 1.09 -19.64	32.75 0.99 -20.77	39.47 1.49 -20.49	49.69 1.77 -29.25	52.98 2.10 -27.55	43.31 2.46 -12.91	34.59 2.46 -2.80	29.92 2.20 -2.20	27.79 2.21 -1.84	25.62 1.77 -1.96
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	23.14 0.89 -9.94	19.88 0.85 -7.03	18.89 0.74 -7.25	18.19 0.48 -10.67	18.37 0.36 -12.56	19.14 0.38 -13.01	22.35 0.51 -14.52	26.53 0.52 -18.58	27.65 0.40 -21.59	25.45 1.09 -10.37	27.75 1.09 -12.98	29.06 1.18 -14.65	29.29 1.42 -12.09	30.06 1.47 -11.84	32.65 1.07 -19.64	32.73 0.98 -20.77	39.46 1.47 -20.49	49.67 1.75 -29.25	52.95 2.08 -27.55	43.31 2.46 -12.91	34.56 2.43 -2.80	29.90 2.17 -2.20	27.76 2.18 -1.84	25.62 1.77 -1.96
RAVENSWOOD_GT_9 24257	23.14 0.89 -9.94	19.88 0.85 -7.03	18.89 0.74 -7.25	18.19 0.48 -10.67	18.37 0.36 -12.56	19.14 0.38 -13.01	22.35 0.51 -14.52	26.53 0.52 -18.58	27.65 0.40 -21.59	25.45 1.09 -10.37	27.75 1.09 -12.98	29.06 1.18 -14.65	29.29 1.42 -12.09	30.06 1.47 -11.84	32.65 1.07 -19.64	32.73 0.98 -20.77	39.46 1.47 -20.49	49.67 1.75 -29.25	52.95 2.08 -27.55	43.31 2.46 -12.91	34.56 2.43 -2.80	29.90 2.17 -2.20	27.76 2.18 -1.84	25.62 1.77 -1.96
RAVENSWOOD___1 23533	23.21 0.95 -9.95	19.93 0.90 -7.03	18.94 0.79 -7.25	18.24 0.51 -10.68	18.38 0.38 -12.56	19.14 0.37 -13.01	22.32 0.48 -14.52	26.49 0.49 -18.57	27.62 0.38 -21.58	25.42 1.06 -10.37	27.74 1.08 -12.98	29.06 1.18 -14.65	29.28 1.40 -12.09	30.04 1.46 -11.84	32.65 1.07 -19.64	32.71 0.96 -20.77	39.40 1.42 -20.49	49.61 1.70 -29.25	52.85 1.98 -27.54	43.22 2.37 -12.91	34.46 2.35 -2.79	29.92 2.20 -2.20	27.86 2.28 -1.84	25.70 1.86 -1.96
RAVENSWOOD___2 23534	23.21 0.95 -9.95	19.93 0.90 -7.03	18.94 0.79 -7.25	18.24 0.51 -10.68	18.38 0.38 -12.56	19.14 0.37 -13.01	22.32 0.48 -14.52	26.49 0.49 -18.57	27.62 0.38 -21.58	25.42 1.06 -10.37	27.74 1.08 -12.98	29.06 1.18 -14.65	29.28 1.40 -12.09	30.04 1.46 -11.84	32.65 1.07 -19.64	32.71 0.96 -20.77	39.40 1.42 -20.49	49.61 1.70 -29.25	52.85 1.98 -27.54	43.22 2.37 -12.91	34.46 2.35 -2.79	29.92 2.20 -2.20	27.86 2.28 -1.84	25.70 1.86 -1.96
RAVENSWOOD___3 23535	23.15 0.90 -9.94	19.88 0.85 -7.03	18.89 0.74 -7.25	18.19 0.48 -10.67	18.37 0.36 -12.56	19.15 0.39 -13.01	22.35 0.51 -14.52	26.53 0.52 -18.58	27.65 0.40 -21.59	25.45 1.09 -10.37	27.77 1.11 -12.98	29.06 1.18 -14.65	29.30 1.42 -12.09	30.06 1.47 -11.84	32.65 1.07 -19.64	32.73 0.98 -20.77	39.46 1.47 -20.49	49.69 1.77 -29.25	52.95 2.08 -27.55	43.34 2.49 -12.91	34.59 2.46 -2.80	29.92 2.20 -2.20	27.79 2.21 -1.84	25.64 1.79 -1.96
RAVENSWOOD___4 23820	23.21 0.95 -9.95	19.93 0.90 -7.03	18.94 0.79 -7.25	18.24 0.51 -10.68	18.38 0.38 -12.56	19.14 0.37 -13.01	22.32 0.48 -14.52	26.49 0.49 -18.57	27.62 0.38 -21.58	25.42 1.06 -10.37	27.74 1.08 -12.98	29.06 1.18 -14.65	29.28 1.40 -12.09	30.04 1.46 -11.84	32.65 1.07 -19.64	32.71 0.96 -20.77	39.40 1.42 -20.49	49.61 1.70 -29.25	52.85 1.98 -27.54	43.22 2.37 -12.91	34.46 2.35 -2.79	29.92 2.20 -2.20	27.86 2.28 -1.84	25.70 1.86 -1.96
RCPL_TRUST___DRP 24196	23.17 0.92 -9.94	19.91 0.89 -7.03	18.91 0.76 -7.25	18.21 0.50 -10.67	18.38 0.38 -12.56	19.16 0.40 -13.01	22.38 0.53 -14.52	26.55 0.54 -18.58	27.67 0.42 -21.59	25.50 1.15 -10.37	27.81 1.15 -12.98	29.11 1.23 -14.65	29.36 1.48 -12.09	30.12 1.54 -11.84	32.71 1.13 -19.64	32.79 1.03 -20.77	39.54 1.56 -20.49	49.76 1.85 -29.25	53.05 2.17 -27.54	43.42 2.57 -12.91	34.68 2.55 -2.80	30.00 2.27 -2.20	27.86 2.28 -1.84	25.68 1.84 -1.96
RED___ROCHESTER 323720	15.05 0.39 -2.35	14.07 0.41 -1.66	13.02 0.40 -1.71	9.83 0.26 -2.52	8.61 0.20 -2.97	9.06 0.24 -3.08	11.05 0.29 -3.43	12.13 0.30 -4.39	11.00 0.23 -5.10	16.94 0.50 -2.45	17.20 0.45 -3.07	17.10 0.41 -3.46	19.19 0.55 -2.86	20.16 0.62 -2.80	17.03 0.45 -4.64	16.30 0.41 -4.91	22.93 0.60 -4.84	26.16 0.58 -6.92	30.64 0.79 -6.51	31.88 0.89 -3.05	30.78 0.79 -0.66	26.58 0.54 -0.52	24.55 0.38 -0.43	22.76 0.41 -0.46
REGAN___SOLAR 323812	27.83 0.78 -14.74	23.15 0.73 -10.42	22.33 0.68 -10.75	23.31 0.44 -15.83	24.41 0.34 -18.62	25.43 0.38 -19.30	29.34 0.49 -21.53	35.49 0.51 -27.55	38.13 0.45 -32.01	30.38 1.01 -15.38	33.80 0.88 -19.25	35.82 0.89 -21.70	34.76 1.04 -17.94	35.53 1.22 -17.56	41.88 0.81 -29.13	42.67 0.88 -30.81	49.34 1.45 -30.39	63.75 1.70 -43.39	66.37 2.19 -40.85	49.61 2.52 -19.15	36.09 2.61 -4.15	30.81 2.02 -3.26	28.12 1.66 -2.72	26.22 1.42 -2.91

RENSSELAER___COGEN 23796	24.93 0.42 -12.21	21.03 0.41 -8.63	20.17 0.37 -8.90	20.38 0.24 -13.10	21.05 0.19 -15.42	21.94 0.21 -15.97	25.42 0.27 -17.82	30.48 0.24 -22.81	32.35 0.19 -26.50	27.17 0.45 -12.73	30.04 0.42 -15.93	31.62 0.42 -17.96	31.13 0.50 -14.85	31.83 0.55 -14.54	36.43 0.38 -24.11	36.85 0.36 -25.50	43.23 0.58 -25.16	55.30 0.73 -35.91	58.08 0.93 -33.82	44.88 1.09 -15.85	33.90 1.14 -3.43	29.22 0.99 -2.70	26.87 0.88 -2.25	25.08 0.79 -2.41
REPUBLIC_115KV_BARTNBRK 55605	26.15 1.17 -12.67	22.07 1.12 -8.95	21.13 0.99 -9.24	21.27 0.63 -13.60	21.94 0.49 -16.00	22.87 0.54 -16.58	26.52 0.70 -18.50	31.84 0.73 -23.68	33.82 0.65 -27.51	28.74 1.54 -13.22	31.66 1.44 -16.54	33.34 1.46 -18.65	32.66 1.47 -15.41	33.41 1.57 -15.09	37.94 0.97 -25.03	38.47 1.01 -26.47	45.20 1.59 -26.12	57.87 1.92 -37.28	60.91 2.47 -35.11	47.66 3.27 -16.46	36.32 3.43 -3.56	31.11 2.78 -2.80	28.42 2.35 -2.34	26.48 2.10 -2.50
REVERE_CPPR_DRP 24186	13.60 0.41 -0.88	13.01 0.38 -0.62	11.92 0.37 -0.64	8.22 0.23 -0.94	6.73 0.17 -1.11	7.08 0.18 -1.15	8.86 0.25 -1.29	9.32 0.24 -1.64	7.77 0.19 -1.91	15.35 0.45 -0.92	15.27 0.44 -1.15	14.93 0.40 -1.30	17.28 0.43 -1.07	18.28 0.49 -1.05	14.02 0.35 -1.74	13.14 0.32 -1.84	19.87 0.56 -1.81	21.89 0.63 -2.59	26.63 0.86 -2.44	30.03 0.95 -1.14	30.63 1.06 -0.25	26.56 0.84 -0.19	24.56 0.66 -0.16	22.67 0.61 -0.17
REYNOLDS_115KV_TB3 80639	25.03 0.49 -12.23	21.13 0.49 -8.64	20.25 0.44 -8.92	20.45 0.28 -13.13	21.12 0.22 -15.45	22.00 0.25 -16.01	25.50 0.31 -17.86	30.59 0.30 -22.85	32.45 0.23 -26.56	27.28 0.53 -12.76	30.15 0.51 -15.97	31.75 0.52 -18.00	31.27 0.62 -14.88	31.98 0.67 -14.57	36.57 0.47 -24.16	36.98 0.44 -25.55	43.41 0.70 -25.21	55.53 0.88 -35.99	58.34 1.12 -33.89	45.14 1.31 -15.89	34.15 1.38 -3.44	29.43 1.20 -2.71	27.04 1.04 -2.26	25.24 0.94 -2.42
RIVERBAY____ 323610	23.35 1.10 -9.94	20.09 1.07 -7.03	19.08 0.93 -7.25	18.33 0.61 -10.67	18.45 0.45 -12.56	19.19 0.43 -13.01	22.38 0.53 -14.52	26.54 0.53 -18.58	27.65 0.40 -21.59	25.46 1.10 -10.37	27.79 1.14 -12.98	29.11 1.23 -14.65	29.33 1.45 -12.09	30.11 1.52 -11.84	32.70 1.12 -19.64	32.75 0.99 -20.77	39.49 1.50 -20.49	49.73 1.81 -29.25	53.02 2.15 -27.55	43.37 2.51 -12.91	34.53 2.40 -2.80	30.05 2.32 -2.20	28.05 2.47 -1.84	25.97 2.12 -1.96
RIVERSDE_115KV_TB3 55908	25.04 0.47 -12.26	21.12 0.46 -8.66	20.25 0.41 -8.94	20.46 0.26 -13.16	21.14 0.21 -15.49	22.03 0.24 -16.04	25.52 0.29 -17.90	30.62 0.28 -22.91	32.50 0.22 -26.62	27.28 0.50 -12.79	30.16 0.48 -16.01	31.77 0.49 -18.05	31.28 0.58 -14.91	31.97 0.62 -14.60	36.60 0.44 -24.22	37.02 0.42 -25.61	43.43 0.66 -25.27	55.56 0.82 -36.08	58.35 1.05 -33.97	45.09 1.23 -15.93	34.07 1.29 -3.45	29.36 1.12 -2.71	26.97 0.97 -2.26	25.18 0.88 -2.42
ROARING___BROOK_WT_PWR 323790	11.61 -0.70 0.00	11.30 -0.70 0.00	10.25 -0.65 0.00	6.61 -0.44 0.00	1.78 -0.35 3.32	-0.80 -0.33 6.23	0.00 -0.43 6.90	0.00 -0.43 7.00	5.35 -0.32 0.00	8.20 -0.77 5.01	8.53 -0.75 4.39	9.03 -0.71 3.49	14.91 -0.87 0.00	5.12 -0.94 10.69	10.33 -0.66 0.95	10.43 -0.56 0.00	16.72 -0.77 0.00	17.99 -0.67 0.00	22.68 -0.65 0.00	27.27 -0.67 0.00	28.74 -0.59 0.00	25.09 -0.43 0.00	23.38 -0.36 0.00	21.58 -0.31 0.00
ROCHESRG_115KV_T4 355643	14.92 0.27 -2.34	13.95 0.30 -1.65	12.93 0.32 -1.71	9.76 0.20 -2.51	8.56 0.16 -2.96	9.00 0.19 -3.06	10.98 0.23 -3.42	12.04 0.23 -4.37	10.92 0.17 -5.08	16.79 0.36 -2.44	17.05 0.31 -3.06	16.96 0.28 -3.45	19.02 0.39 -2.85	19.97 0.44 -2.79	16.89 0.32 -4.63	16.17 0.30 -4.89	22.72 0.40 -4.83	25.92 0.37 -6.89	30.31 0.49 -6.49	31.56 0.59 -3.04	30.46 0.47 -0.66	26.38 0.33 -0.52	24.33 0.17 -0.43	22.58 0.24 -0.46
ROCHESTER_9_IC 23652	15.00 0.34 -2.35	14.02 0.36 -1.66	12.99 0.37 -1.71	9.81 0.24 -2.52	8.60 0.19 -2.97	9.04 0.21 -3.08	11.03 0.27 -3.43	12.10 0.28 -4.39	10.97 0.20 -5.10	16.89 0.45 -2.45	17.14 0.40 -3.07	17.05 0.36 -3.46	19.13 0.49 -2.86	20.08 0.54 -2.80	16.97 0.39 -4.64	16.25 0.35 -4.91	22.85 0.51 -4.84	26.08 0.50 -6.92	30.50 0.65 -6.51	31.77 0.78 -3.05	30.63 0.65 -0.66	26.53 0.49 -0.52	24.48 0.31 -0.43	22.70 0.35 -0.46
ROCKVIEW_13_KV_LD 356306	23.11 0.86 -9.94	19.85 0.83 -7.03	18.87 0.72 -7.25	18.18 0.46 -10.67	18.36 0.36 -12.56	19.14 0.38 -13.01	22.35 0.51 -14.52	26.53 0.52 -18.58	27.65 0.40 -21.59	25.43 1.08 -10.37	27.74 1.08 -12.98	29.00 1.14 -14.63	29.28 1.40 -12.09	30.04 1.46 -11.84	32.64 1.06 -19.64	32.73 0.98 -20.77	39.49 1.50 -20.49	49.67 1.75 -29.25	53.00 2.12 -27.54	43.31 2.46 -12.91	34.59 2.46 -2.80	29.90 2.17 -2.20	27.68 2.11 -1.84	25.55 1.71 -1.96
ROME____115KV_TB2 80656	13.60 0.41 -0.88	13.01 0.38 -0.62	11.92 0.37 -0.64	8.22 0.23 -0.94	6.73 0.17 -1.11	7.08 0.18 -1.15	8.86 0.25 -1.29	9.32 0.24 -1.64	7.77 0.19 -1.91	15.35 0.45 -0.92	15.27 0.44 -1.15	14.93 0.40 -1.30	17.28 0.43 -1.07	18.28 0.49 -1.05	14.02 0.35 -1.74	13.14 0.32 -1.84	19.87 0.56 -1.81	21.89 0.63 -2.59	26.63 0.86 -2.44	30.03 0.95 -1.14	30.63 1.06 -0.25	26.56 0.84 -0.19	24.56 0.66 -0.16	22.67 0.61 -0.17
ROSETON___1 23587	22.80 0.69 -9.80	19.60 0.67 -6.93	18.64 0.59 -7.15	17.95 0.39 -10.52	18.12 0.29 -12.38	18.89 0.31 -12.83	22.04 0.40 -14.31	26.17 0.42 -18.32	27.26 0.31 -21.28	25.04 0.82 -10.23	27.30 0.82 -12.80	28.52 0.86 -14.43	28.76 1.06 -11.92	29.52 1.10 -11.68	32.12 0.81 -19.37	32.20 0.74 -20.48	38.84 1.14 -20.21	48.89 1.38 -28.84	52.15 1.66 -27.16	42.62 1.95 -12.73	34.05 1.97 -2.76	29.43 1.74 -2.17	27.23 1.69 -1.81	25.20 1.38 -1.94
ROSETON___2 23588	22.80 0.69 -9.80	19.60 0.67 -6.93	18.64 0.59 -7.15	17.95 0.39 -10.52	18.12 0.29 -12.38	18.89 0.31 -12.83	22.04 0.40 -14.31	26.17 0.42 -18.32	27.26 0.31 -21.28	25.04 0.82 -10.23	27.30 0.82 -12.80	28.52 0.86 -14.43	28.76 1.06 -11.92	29.52 1.10 -11.68	32.12 0.81 -19.37	32.20 0.74 -20.48	38.84 1.14 -20.21	48.89 1.38 -28.84	52.15 1.66 -27.16	42.62 1.95 -12.73	34.05 1.97 -2.76	29.43 1.74 -2.17	27.23 1.69 -1.81	25.20 1.38 -1.94
ROTTRDAM_115KV_TB3 80664	25.60 0.49 -12.80	21.53 0.48 -9.05	20.68 0.45 -9.33	21.07 0.28 -13.74	21.83 0.22 -16.17	22.74 0.24 -16.75	26.32 0.30 -18.69	31.66 0.30 -23.92	33.70 0.24 -27.80	27.91 0.57 -13.35	30.95 0.56 -16.71	32.64 0.57 -18.84	32.03 0.68 -15.57	32.73 0.74 -15.25	37.74 0.51 -25.29	38.21 0.48 -26.75	44.65 0.77 -26.39	57.24 0.91 -37.67	59.96 1.17 -35.47	45.93 1.37 -16.63	34.37 1.44 -3.60	29.59 1.23 -2.83	27.19 1.09 -2.36	25.37 0.96 -2.53
RUSSELL___1 23602	15.05 0.39 -2.35	14.07 0.41 -1.66	13.03 0.41 -1.71	9.83 0.27 -2.52	8.61 0.20 -2.97	9.06 0.24 -3.08	11.06 0.30 -3.43	12.13 0.30 -4.39	11.00 0.23 -5.10	16.94 0.50 -2.45	17.20 0.45 -3.07	17.12 0.42 -3.46	19.19 0.55 -2.86	20.16 0.62 -2.80	17.03 0.45 -4.64	16.30 0.41 -4.91	22.93 0.59 -4.84	26.17 0.60 -6.92	30.64 0.79 -6.51	31.91 0.92 -3.05	30.78 0.79 -0.66	26.63 0.59 -0.52	24.57 0.40 -0.43	22.78 0.44 -0.46

RUSSELL___2 23532	15.05 0.39 -2.35	14.07 0.41 -1.66	13.03 0.41 -1.71	9.83 0.27 -2.52	8.61 0.20 -2.97	9.06 0.24 -3.08	11.06 0.30 -3.43	12.13 0.30 -4.39	11.00 0.23 -5.10	16.94 0.50 -2.45	17.20 0.45 -3.07	17.12 0.42 -3.46	19.19 0.55 -2.86	20.16 0.62 -2.80	17.03 0.45 -4.64	16.30 0.41 -4.91	22.93 0.59 -4.84	26.17 0.60 -6.92	30.64 0.79 -6.51	31.91 0.92 -3.05	30.78 0.79 -0.66	26.63 0.59 -0.52	24.57 0.40 -0.43	22.78 0.44 -0.46
RUSSELL___3 23549	15.05 0.39 -2.35	14.07 0.41 -1.66	13.03 0.41 -1.71	9.83 0.27 -2.52	8.61 0.20 -2.97	9.06 0.24 -3.08	11.06 0.30 -3.43	12.13 0.30 -4.39	11.00 0.23 -5.10	16.94 0.50 -2.45	17.20 0.45 -3.07	17.12 0.42 -3.46	19.19 0.55 -2.86	20.16 0.62 -2.80	17.03 0.45 -4.64	16.30 0.41 -4.91	22.93 0.59 -4.84	26.17 0.60 -6.92	30.64 0.79 -6.51	31.91 0.92 -3.05	30.78 0.79 -0.66	26.63 0.59 -0.52	24.57 0.40 -0.43	22.78 0.44 -0.46
RUSSELL___4 23556	15.05 0.39 -2.35	14.07 0.41 -1.66	13.03 0.41 -1.71	9.83 0.27 -2.52	8.61 0.20 -2.97	9.06 0.24 -3.08	11.06 0.30 -3.43	12.13 0.30 -4.39	11.00 0.23 -5.10	16.94 0.50 -2.45	17.20 0.45 -3.07	17.12 0.42 -3.46	19.19 0.55 -2.86	20.16 0.62 -2.80	17.03 0.45 -4.64	16.30 0.41 -4.91	22.93 0.59 -4.84	26.17 0.60 -6.92	30.64 0.79 -6.51	31.91 0.92 -3.05	30.78 0.79 -0.66	26.63 0.59 -0.52	24.57 0.40 -0.43	22.78 0.44 -0.46
RUSSELL___STATION 23914	15.05 0.39 -2.35	14.07 0.41 -1.66	13.03 0.41 -1.71	9.83 0.27 -2.52	8.61 0.20 -2.97	9.06 0.24 -3.08	11.06 0.30 -3.43	12.13 0.30 -4.39	11.00 0.23 -5.10	16.94 0.50 -2.45	17.20 0.45 -3.07	17.12 0.42 -3.46	19.19 0.55 -2.86	20.16 0.62 -2.80	17.03 0.45 -4.64	16.30 0.41 -4.91	22.93 0.59 -4.84	26.17 0.60 -6.92	30.64 0.79 -6.51	31.91 0.92 -3.05	30.78 0.79 -0.66	26.63 0.59 -0.52	24.57 0.40 -0.43	22.78 0.44 -0.46
S SALMON___HYD 24043	13.92 0.01 -1.59	13.14 0.01 -1.13	12.10 0.03 -1.16	8.77 0.01 -1.71	7.36 0.01 -1.90	7.64 0.01 -1.87	9.45 0.03 -2.09	10.19 0.01 -2.74	9.14 0.01 -3.46	15.51 0.03 -1.49	15.64 0.03 -1.93	15.45 -0.01 -2.23	17.64 -0.08 -1.94	18.21 -0.07 -1.53	14.99 -0.06 -3.12	14.24 -0.08 -3.33	20.69 -0.09 -3.29	23.17 -0.19 -4.69	27.54 -0.21 -4.42	29.70 -0.31 -2.07	29.45 -0.32 -0.45	25.60 -0.28 -0.35	23.75 -0.28 -0.29	21.96 -0.24 -0.31
S.PERRY___115KV_TB1 80734	15.86 0.73 -2.82	14.73 0.73 -1.99	13.66 0.70 -2.06	10.52 0.45 -3.03	9.36 0.35 -3.57	9.84 0.40 -3.69	11.97 0.52 -4.12	13.26 0.55 -5.27	12.19 0.39 -6.13	17.77 0.84 -2.94	18.09 0.72 -3.69	18.04 0.65 -4.16	19.99 0.77 -3.43	20.97 0.87 -3.36	18.14 0.62 -5.58	17.48 0.59 -5.90	24.29 0.98 -5.82	28.14 1.18 -8.31	32.83 1.68 -7.82	33.56 1.96 -3.67	31.97 1.85 -0.79	27.61 1.46 -0.62	25.40 1.14 -0.52	23.51 1.07 -0.56
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	15.14 0.16 -2.67	14.12 0.24 -1.89	13.12 0.27 -1.94	10.08 0.18 -2.86	8.97 0.15 -3.37	9.45 0.21 -3.49	11.45 0.23 -3.90	12.60 0.19 -4.98	11.60 0.14 -5.79	16.98 0.21 -2.78	17.30 0.14 -3.48	17.34 0.19 -3.93	19.32 0.30 -3.25	20.27 0.35 -3.18	17.47 0.26 -5.27	16.82 0.26 -5.57	23.36 0.37 -5.50	26.83 0.32 -7.85	31.12 0.40 -7.39	31.88 0.47 -3.47	30.43 0.35 -0.75	26.40 0.28 -0.59	24.28 0.05 -0.49	22.58 0.18 -0.53
SAWYER___23_KV_LOAD 55526	15.14 0.16 -2.67	14.12 0.24 -1.89	13.12 0.27 -1.94	10.08 0.18 -2.86	8.97 0.15 -3.37	9.45 0.21 -3.49	11.45 0.23 -3.90	12.60 0.19 -4.98	11.60 0.14 -5.79	16.98 0.21 -2.78	17.30 0.14 -3.48	17.34 0.19 -3.93	19.32 0.30 -3.25	20.27 0.35 -3.18	17.47 0.26 -5.27	16.82 0.26 -5.57	23.36 0.37 -5.50	26.83 0.32 -7.85	31.12 0.40 -7.39	31.88 0.47 -3.47	30.43 0.35 -0.75	26.40 0.28 -0.59	24.28 0.05 -0.49	22.58 0.18 -0.53
SELKIRK___I 23801	24.80 0.49 -12.00	20.96 0.48 -8.48	20.10 0.45 -8.74	20.20 0.28 -12.88	20.82 0.22 -15.15	21.69 0.24 -15.70	25.15 0.31 -17.52	30.15 0.30 -22.42	31.95 0.23 -26.05	27.05 0.54 -12.52	29.86 0.52 -15.66	31.42 0.53 -17.66	31.01 0.63 -14.59	31.72 0.69 -14.29	36.10 0.47 -23.70	36.49 0.44 -25.06	42.92 0.70 -24.73	54.80 0.84 -35.30	57.64 1.07 -33.24	44.81 1.29 -15.58	34.05 1.35 -3.37	29.33 1.15 -2.65	26.97 1.02 -2.21	25.19 0.94 -2.37
SELKIRK___II 23799	24.88 0.43 -12.14	21.00 0.42 -8.58	20.15 0.39 -8.85	20.32 0.25 -13.03	20.98 0.20 -15.34	21.86 0.21 -15.89	25.33 0.27 -17.73	30.38 0.26 -22.69	32.23 0.20 -26.37	27.13 0.48 -12.67	30.00 0.47 -15.85	31.57 0.46 -17.87	31.12 0.57 -14.77	31.81 0.60 -14.47	36.36 0.43 -23.99	36.75 0.39 -25.37	43.15 0.63 -25.03	55.18 0.78 -35.73	57.95 0.98 -33.64	44.88 1.17 -15.77	33.98 1.23 -3.42	29.26 1.05 -2.69	26.93 0.95 -2.24	25.13 0.85 -2.40
SENECA OSWGO___HYD 24041	14.08 0.00 -1.78	13.27 0.01 -1.25	12.21 0.01 -1.29	8.96 0.01 -1.91	7.70 0.01 -2.24	8.09 0.02 -2.32	9.94 0.02 -2.59	10.79 0.04 -3.32	9.54 0.02 -3.85	15.91 0.07 -1.85	16.06 0.07 -2.32	15.87 0.03 -2.61	17.94 0.00 -2.16	18.86 0.00 -2.11	15.43 -0.01 -3.51	14.67 -0.02 -3.71	21.12 -0.03 -3.66	23.72 -0.17 -5.22	27.99 -0.26 -4.92	29.91 -0.33 -2.31	29.45 -0.38 -0.50	25.56 -0.36 -0.39	23.71 -0.36 -0.33	21.90 -0.33 -0.35
SENECA___115KV_TB3 355854	15.22 0.18 -2.73	14.18 0.25 -1.93	13.18 0.29 -1.99	10.14 0.18 -2.93	9.05 0.16 -3.44	9.54 0.22 -3.57	11.55 0.25 -3.98	12.74 0.22 -5.09	11.75 0.17 -5.92	17.11 0.28 -2.84	17.44 0.21 -3.56	17.51 0.26 -4.01	19.49 0.39 -3.32	20.44 0.45 -3.25	17.67 0.35 -5.38	17.02 0.34 -5.69	23.62 0.51 -5.62	27.17 0.49 -8.02	31.49 0.61 -7.55	32.20 0.73 -3.54	30.68 0.59 -0.77	26.62 0.49 -0.60	24.48 0.24 -0.50	22.70 0.28 -0.54
SENECA___ENERGY 23797	15.05 0.28 -2.46	14.02 0.29 -1.74	12.97 0.27 -1.79	9.86 0.18 -2.64	8.69 0.15 -3.10	9.13 0.17 -3.21	11.13 0.22 -3.59	12.26 0.24 -4.59	11.18 0.18 -5.33	16.97 0.42 -2.56	17.27 0.38 -3.21	17.19 0.34 -3.62	19.15 0.38 -2.99	20.09 0.42 -2.93	17.09 0.30 -4.85	16.39 0.27 -5.13	23.00 0.44 -5.06	26.34 0.45 -7.23	30.70 0.56 -6.81	31.69 0.56 -3.19	30.61 0.59 -0.69	26.48 0.41 -0.54	24.47 0.29 -0.45	22.61 0.24 -0.49
SHOEMAKER___GT 23640	21.63 0.64 -8.68	18.75 0.61 -6.14	17.78 0.54 -6.33	16.72 0.36 -9.32	16.69 0.27 -10.97	17.40 0.28 -11.37	20.37 0.37 -12.68	24.03 0.37 -16.23	24.80 0.28 -18.86	23.77 0.73 -9.06	25.74 0.72 -11.34	26.77 0.75 -12.78	27.26 0.91 -10.56	28.06 0.97 -10.35	29.81 0.72 -17.16	29.79 0.66 -18.14	36.43 1.03 -17.90	45.47 1.25 -25.55	48.89 1.49 -24.06	40.98 1.76 -11.28	33.56 1.79 -2.44	29.01 1.56 -1.92	26.83 1.50 -1.60	24.82 1.22 -1.72
SHOEMAKR_138KV_BK 111 55601	21.56 0.63 -8.63	18.71 0.61 -6.10	17.74 0.55 -6.29	16.65 0.35 -9.26	16.61 0.27 -10.89	17.32 0.28 -11.29	20.28 0.37 -12.59	23.92 0.37 -16.12	24.68 0.28 -18.73	23.71 0.73 -9.00	25.66 0.72 -11.26	26.70 0.77 -12.70	27.20 0.93 -10.49	27.99 0.97 -10.27	29.69 0.72 -17.04	29.66 0.66 -18.02	36.31 1.03 -17.78	45.27 1.23 -25.38	48.72 1.49 -23.90	40.90 1.76 -11.20	33.54 1.79 -2.43	28.97 1.53 -1.91	26.82 1.50 -1.59	24.81 1.23 -1.70

SHOREHAM_IC_1 23715	26.86 1.21 -13.35	23.20 1.33 -9.87	19.12 0.97 -7.24	18.41 0.66 -10.71	19.12 0.51 -13.17	22.39 0.91 -15.72	25.82 1.22 -17.27	30.94 1.20 -22.30	31.44 0.83 -24.94	25.64 1.29 -10.37	28.60 1.44 -13.48	29.23 1.36 -14.63	31.18 2.79 -12.61	33.12 2.86 -13.52	38.62 1.84 -24.85	38.46 1.94 -25.53	41.58 3.03 -21.06	51.29 3.38 -29.25	59.94 3.80 -32.80	46.72 5.87 -12.91	37.59 4.84 -3.42	36.25 5.06 -5.67	30.71 4.75 -2.23	27.19 3.35 -1.96
SHOREHAM_IC_2 23716	26.86 1.21 -13.35	23.20 1.33 -9.87	19.12 0.97 -7.24	18.41 0.66 -10.71	19.12 0.51 -13.17	22.39 0.91 -15.72	25.82 1.22 -17.27	30.94 1.20 -22.30	31.44 0.83 -24.94	25.64 1.29 -10.37	28.60 1.44 -13.48	29.23 1.36 -14.63	31.18 2.79 -12.61	33.12 2.86 -13.52	38.62 1.84 -24.85	38.46 1.94 -25.53	41.58 3.03 -21.06	51.29 3.38 -29.25	59.94 3.80 -32.80	46.72 5.87 -12.91	37.59 4.84 -3.42	36.25 5.06 -5.67	30.71 4.75 -2.23	27.19 3.35 -1.96
SISSONVILLE____ 23735	12.15 -0.48 -0.32	11.75 -0.48 -0.23	10.67 -0.47 -0.23	7.09 -0.30 -0.34	4.35 -0.26 0.83	3.47 -0.38 1.90	4.76 -0.46 2.10	4.95 -0.48 2.01	5.98 -0.39 -0.69	11.47 -0.98 1.53	11.50 -0.96 1.22	11.47 -0.94 0.83	15.05 -1.12 -0.39	11.96 -1.19 3.60	11.37 -0.85 -0.28	10.88 -0.77 -0.67	16.98 -1.17 -0.66	18.47 -1.14 -0.94	22.93 -1.28 -0.89	26.87 -1.48 -0.42	27.92 -1.50 -0.09	24.48 -1.12 -0.07	23.01 -0.78 -0.06	21.42 -0.53 -0.06
SITHE_IND_GS1 24169	13.66 -0.16 -1.51	12.92 -0.14 -1.07	11.87 -0.13 -1.10	8.58 -0.08 -1.62	7.29 -0.06 -1.91	7.66 -0.06 -1.98	9.45 -0.08 -2.21	10.18 -0.07 -2.82	8.89 -0.06 -3.28	15.41 -0.15 -1.58	15.50 -0.15 -1.97	15.28 -0.17 -2.22	17.40 -0.22 -1.84	18.31 -0.23 -1.80	14.76 -0.17 -2.98	13.98 -0.16 -3.16	20.35 -0.26 -3.11	22.66 -0.45 -4.45	26.91 -0.61 -4.19	29.15 -0.75 -1.96	28.96 -0.79 -0.42	25.15 -0.71 -0.33	23.33 -0.69 -0.28	21.59 -0.59 -0.30
SITHE_IND_GS2 24170	13.66 -0.16 -1.51	12.92 -0.14 -1.07	11.87 -0.13 -1.10	8.58 -0.08 -1.62	7.29 -0.06 -1.91	7.66 -0.06 -1.98	9.45 -0.08 -2.21	10.18 -0.07 -2.82	8.89 -0.06 -3.28	15.41 -0.15 -1.58	15.50 -0.15 -1.97	15.28 -0.17 -2.22	17.40 -0.22 -1.84	18.31 -0.23 -1.80	14.76 -0.17 -2.98	13.98 -0.16 -3.16	20.35 -0.26 -3.11	22.66 -0.45 -4.45	26.91 -0.61 -4.19	29.15 -0.75 -1.96	28.96 -0.79 -0.42	25.15 -0.71 -0.33	23.33 -0.69 -0.28	21.59 -0.59 -0.30
SITHE_IND_GS3 24171	13.66 -0.16 -1.51	12.92 -0.14 -1.07	11.87 -0.13 -1.10	8.58 -0.08 -1.62	7.29 -0.06 -1.91	7.66 -0.06 -1.98	9.45 -0.08 -2.21	10.18 -0.07 -2.82	8.89 -0.06 -3.28	15.41 -0.15 -1.58	15.50 -0.15 -1.97	15.28 -0.17 -2.22	17.40 -0.22 -1.84	18.31 -0.23 -1.80	14.76 -0.17 -2.98	13.98 -0.16 -3.16	20.35 -0.26 -3.11	22.66 -0.45 -4.45	26.91 -0.61 -4.19	29.15 -0.75 -1.96	28.96 -0.79 -0.42	25.15 -0.71 -0.33	23.33 -0.69 -0.28	21.59 -0.59 -0.30
SITHE_IND_GS4 24172	13.66 -0.16 -1.51	12.92 -0.14 -1.07	11.87 -0.13 -1.10	8.58 -0.08 -1.62	7.29 -0.06 -1.91	7.66 -0.06 -1.98	9.45 -0.08 -2.21	10.18 -0.07 -2.82	8.89 -0.06 -3.28	15.41 -0.15 -1.58	15.50 -0.15 -1.97	15.28 -0.17 -2.22	17.40 -0.22 -1.84	18.31 -0.23 -1.80	14.76 -0.17 -2.98	13.98 -0.16 -3.16	20.35 -0.26 -3.11	22.66 -0.45 -4.45	26.91 -0.61 -4.19	29.15 -0.75 -1.96	28.96 -0.79 -0.42	25.15 -0.71 -0.33	23.33 -0.69 -0.28	21.59 -0.59 -0.30
SITHE____BATAVIA 24024	15.25 0.43 -2.51	14.24 0.47 -1.78	13.20 0.47 -1.83	10.04 0.30 -2.70	8.86 0.24 -3.17	9.33 0.29 -3.29	11.29 0.30 -3.67	12.39 0.26 -4.69	11.32 0.20 -5.45	16.96 0.35 -2.62	17.19 0.23 -3.28	17.19 0.26 -3.70	19.25 0.41 -3.06	20.20 0.47 -2.99	17.26 0.36 -4.96	16.57 0.34 -5.25	23.16 0.49 -5.18	26.54 0.48 -7.39	30.99 0.70 -6.96	31.95 0.75 -3.26	30.68 0.64 -0.71	26.54 0.46 -0.56	24.41 0.21 -0.46	22.71 0.33 -0.50
SITHE____INDEPEND 23800	13.66 -0.16 -1.51	12.92 -0.14 -1.07	11.87 -0.13 -1.10	8.58 -0.08 -1.62	7.29 -0.06 -1.91	7.66 -0.06 -1.98	9.46 -0.07 -2.21	10.18 -0.07 -2.82	8.89 -0.06 -3.28	15.41 -0.15 -1.58	15.50 -0.15 -1.97	15.28 -0.17 -2.22	17.40 -0.22 -1.84	18.31 -0.23 -1.80	14.76 -0.17 -2.98	13.98 -0.16 -3.16	20.35 -0.26 -3.11	22.66 -0.45 -4.45	26.91 -0.61 -4.19	29.14 -0.75 -1.96	28.96 -0.79 -0.42	25.15 -0.71 -0.33	23.33 -0.69 -0.28	21.61 -0.57 -0.30
SITHE____MASSENA 23902	11.99 -0.32 0.00	11.68 -0.32 0.00	10.59 -0.32 0.00	6.85 -0.20 0.00	3.73 -0.16 1.56	2.62 -0.21 2.93	3.82 -0.26 3.24	3.88 -0.26 3.29	5.47 -0.20 0.00	11.11 -0.52 2.36	11.12 -0.49 2.07	11.10 -0.49 1.64	15.21 -0.57 0.00	11.11 -0.60 5.03	11.06 -0.43 0.45	10.60 -0.38 0.00	16.88 -0.61 0.00	18.08 -0.58 0.00	22.68 -0.65 0.00	27.24 -0.70 0.00	28.60 -0.73 0.00	24.97 -0.56 0.00	23.26 -0.47 0.00	21.53 -0.35 0.00
SITHE____OGDNSBRG 24021	12.48 -0.15 -0.32	12.05 -0.18 -0.23	10.96 -0.17 -0.23	7.28 -0.11 -0.34	4.48 -0.13 0.83	3.62 -0.24 1.90	4.96 -0.26 2.10	5.13 -0.30 2.01	6.12 -0.24 -0.69	11.82 -0.63 1.53	11.85 -0.62 1.22	11.77 -0.64 0.83	15.38 -0.79 -0.39	12.32 -0.82 3.60	11.62 -0.60 -0.28	11.12 -0.54 -0.67	17.40 -0.75 -0.66	19.03 -0.58 -0.94	23.73 -0.49 -0.89	27.77 -0.59 -0.42	28.86 -0.56 -0.09	25.22 -0.38 -0.07	23.63 -0.17 -0.06	22.01 0.07 -0.06
SITHE____STERLING 23777	13.71 0.39 -1.00	13.08 0.37 -0.71	12.00 0.36 -0.73	8.35 0.23 -1.08	6.88 0.17 -1.27	7.25 0.18 -1.31	9.04 0.25 -1.47	9.55 0.24 -1.88	8.04 0.19 -2.18	15.50 0.46 -1.05	15.44 0.45 -1.31	15.12 0.41 -1.48	17.44 0.44 -1.22	18.44 0.50 -1.20	14.28 0.36 -1.99	13.40 0.32 -2.10	20.12 0.56 -2.07	22.23 0.61 -2.96	26.95 0.84 -2.78	30.16 0.92 -1.31	30.61 1.00 -0.28	26.54 0.79 -0.22	24.56 0.64 -0.19	22.67 0.59 -0.20
SLEIGHT__34_KV_TB1 80719	14.87 0.22 -2.34	13.88 0.23 -1.65	12.85 0.24 -1.70	9.70 0.15 -2.51	8.52 0.12 -2.95	8.95 0.14 -3.06	10.93 0.19 -3.41	12.01 0.21 -4.37	10.89 0.15 -5.08	16.78 0.35 -2.44	17.06 0.33 -3.05	16.95 0.28 -3.44	18.96 0.33 -2.84	19.90 0.37 -2.79	16.81 0.25 -4.62	16.09 0.22 -4.89	22.63 0.31 -4.82	25.86 0.32 -6.88	30.23 0.42 -6.48	31.42 0.45 -3.04	30.34 0.35 -0.66	26.25 0.20 -0.52	24.24 0.07 -0.43	22.43 0.09 -0.46
SOUTH CAIRO____GT 23612	24.46 0.63 -11.52	20.72 0.58 -8.14	19.81 0.51 -8.40	19.75 0.34 -12.37	20.26 0.27 -14.55	21.10 0.28 -15.08	24.50 0.35 -16.82	29.26 0.30 -21.53	30.92 0.24 -25.02	26.49 0.49 -12.02	29.16 0.44 -15.04	30.64 0.45 -16.96	30.35 0.55 -14.02	31.09 0.62 -13.72	35.11 0.41 -22.76	35.50 0.44 -24.07	41.99 0.75 -23.75	53.59 1.03 -33.90	56.63 1.38 -31.92	44.47 1.56 -14.97	34.24 1.67 -3.24	29.40 1.33 -2.55	27.00 1.14 -2.13	25.25 1.09 -2.28
SOUTH HAMPTN____IC 23720	27.05 1.39 -13.35	23.38 1.51 -9.87	19.27 1.12 -7.24	18.51 0.76 -10.71	19.20 0.59 -13.16	22.46 0.98 -15.72	25.90 1.30 -17.27	31.03 1.30 -22.30	31.52 0.91 -24.94	25.87 1.51 -10.37	28.84 1.68 -13.48	29.46 1.60 -14.63	31.41 3.03 -12.60	33.37 3.13 -13.50	38.80 2.05 -24.81	38.66 2.14 -25.53	41.90 3.34 -21.06	51.66 3.75 -29.25	60.42 4.29 -32.80	47.19 6.34 -12.91	38.09 5.34 -3.42	36.59 5.44 -5.63	31.02 5.06 -2.23	27.50 3.65 -1.96

SOUTHDOW_115KV_TB1 355954	15.40 0.25 -2.85	14.32 0.31 -2.01	13.33 0.35 -2.07	10.30 0.20 -3.06	9.23 0.19 -3.60	9.75 0.27 -3.73	11.82 0.34 -4.16	13.11 0.36 -5.32	12.13 0.28 -6.18	17.54 0.59 -2.97	17.91 0.52 -3.72	18.03 0.61 -4.19	20.09 0.85 -3.46	21.10 0.97 -3.39	18.27 0.70 -5.62	17.59 0.66 -5.95	24.48 1.12 -5.87	28.21 1.18 -8.38	32.76 1.54 -7.89	33.39 1.76 -3.70	31.77 1.64 -0.80	27.54 1.38 -0.63	25.23 0.97 -0.53	23.32 0.88 -0.56
SOUTHOLD_69_KV_BK 2 55809	27.20 1.55 -13.34	23.71 1.85 -9.86	19.40 1.25 -7.24	18.58 0.83 -10.71	19.29 0.69 -13.16	22.54 1.08 -15.71	25.98 1.39 -17.26	31.15 1.43 -22.29	31.64 1.04 -24.94	25.88 1.52 -10.37	29.04 1.89 -13.47	29.62 1.76 -14.63	31.73 3.36 -12.59	33.71 3.48 -13.49	39.08 2.34 -24.80	38.88 2.37 -25.52	42.17 3.62 -21.06	51.88 3.97 -29.25	61.26 5.13 -32.79	46.18 5.34 -12.91	37.46 4.72 -3.41	34.91 3.75 -5.63	29.47 3.51 -2.22	26.65 2.80 -1.96
SOUTHOLD___IC 23719	27.27 1.61 -13.35	23.57 1.70 -9.87	19.46 1.31 -7.24	18.63 0.87 -10.71	19.30 0.69 -13.16	22.54 1.07 -15.72	26.01 1.42 -17.27	31.17 1.43 -22.30	31.62 1.01 -24.94	26.13 1.78 -10.37	29.12 1.96 -13.48	29.71 1.85 -14.63	31.71 3.33 -12.60	33.72 3.48 -13.50	39.06 2.32 -24.81	38.91 2.40 -25.53	42.34 3.78 -21.06	52.12 4.22 -29.25	61.05 4.92 -32.80	47.86 7.01 -12.91	38.76 6.01 -3.42	37.10 5.95 -5.63	31.45 5.48 -2.23	27.85 4.00 -1.96
SPIERFLS_115KV_TB 1 80737	25.60 0.60 -12.68	21.54 0.58 -8.96	20.66 0.51 -9.25	20.98 0.32 -13.61	21.72 0.26 -16.02	22.63 0.28 -16.60	26.20 0.36 -18.52	31.51 0.37 -23.70	33.53 0.33 -27.54	27.99 0.77 -13.23	30.96 0.72 -16.56	32.66 0.75 -18.67	32.06 0.85 -15.43	32.77 0.92 -15.11	37.57 0.57 -25.06	38.08 0.59 -26.50	44.57 0.93 -26.15	57.14 1.16 -37.32	59.94 1.47 -35.14	46.17 1.76 -16.48	34.72 1.82 -3.57	29.87 1.53 -2.81	27.38 1.31 -2.34	25.52 1.14 -2.51
ST LAWRENCE____ 23600	11.90 -0.41 0.00	11.59 -0.41 0.00	10.51 -0.39 0.00	6.80 -0.25 0.00	3.64 -0.19 1.61	2.50 -0.22 3.03	3.69 -0.28 3.35	3.75 -0.28 3.40	5.44 -0.22 0.00	11.00 -0.55 2.44	11.01 -0.53 2.13	11.02 -0.52 1.70	15.18 -0.60 0.00	10.89 -0.65 5.19	11.01 -0.47 0.46	10.57 -0.42 0.00	16.83 -0.66 0.00	18.01 -0.65 0.00	22.58 -0.75 0.00	27.10 -0.84 0.00	28.48 -0.85 0.00	24.84 -0.69 0.00	23.14 -0.59 0.00	21.38 -0.50 0.00
STATE_CA_115KV_115_LB 55624	25.12 0.47 -12.35	21.18 0.46 -8.72	20.31 0.40 -9.00	20.56 0.26 -13.25	21.25 0.21 -15.60	22.14 0.24 -16.16	25.65 0.29 -18.03	30.79 0.28 -23.07	32.69 0.22 -26.81	27.38 0.52 -12.88	30.29 0.49 -16.12	31.91 0.50 -18.17	31.40 0.60 -15.02	32.10 0.65 -14.71	36.77 0.44 -24.39	37.21 0.43 -25.80	43.61 0.66 -25.45	55.83 0.84 -36.33	58.61 1.07 -34.21	45.23 1.26 -16.04	34.12 1.32 -3.47	29.38 1.12 -2.73	26.99 0.97 -2.28	25.20 0.88 -2.44
STATE_ST_34_KV_LOAD 55959	15.14 0.38 -2.45	14.11 0.38 -1.73	13.05 0.36 -1.78	9.90 0.23 -2.62	8.72 0.19 -3.09	9.16 0.21 -3.20	11.17 0.27 -3.57	12.30 0.30 -4.57	11.19 0.22 -5.31	17.08 0.55 -2.55	17.42 0.55 -3.19	17.32 0.49 -3.60	19.31 0.55 -2.97	20.24 0.59 -2.91	17.15 0.38 -4.83	16.45 0.35 -5.11	23.09 0.56 -5.04	26.45 0.60 -7.19	30.85 0.75 -6.77	31.95 0.84 -3.18	30.81 0.79 -0.69	26.68 0.61 -0.54	24.66 0.47 -0.45	22.78 0.42 -0.48
STATION 5_MISC_HYD 23604	14.99 0.33 -2.35	14.02 0.36 -1.66	12.98 0.36 -1.71	9.80 0.23 -2.52	8.60 0.19 -2.97	9.04 0.21 -3.08	11.03 0.27 -3.43	12.09 0.27 -4.39	10.97 0.20 -5.10	16.89 0.45 -2.45	17.13 0.38 -3.07	17.05 0.36 -3.46	19.13 0.49 -2.86	20.08 0.54 -2.80	16.97 0.39 -4.64	16.25 0.35 -4.91	22.85 0.51 -4.84	26.06 0.48 -6.92	30.52 0.68 -6.51	31.71 0.73 -3.05	30.61 0.62 -0.66	26.48 0.43 -0.52	24.46 0.29 -0.43	22.67 0.33 -0.46
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	15.07 0.39 -2.37	14.08 0.41 -1.67	13.02 0.39 -1.73	9.84 0.25 -2.54	8.63 0.20 -2.99	9.07 0.22 -3.10	11.07 0.29 -3.46	12.18 0.32 -4.42	11.04 0.23 -5.14	17.00 0.55 -2.47	17.28 0.51 -3.09	17.17 0.45 -3.48	19.23 0.57 -2.88	20.18 0.62 -2.82	17.06 0.44 -4.68	16.33 0.40 -4.95	22.97 0.59 -4.88	26.24 0.62 -6.97	30.71 0.82 -6.56	31.93 0.92 -3.08	30.85 0.85 -0.67	26.66 0.61 -0.52	24.60 0.43 -0.44	22.76 0.42 -0.47
STA_56_34_KV_BUS2_REV_LBMP_B 345033	14.91 0.26 -2.34	13.93 0.28 -1.66	12.91 0.29 -1.71	9.75 0.19 -2.51	8.55 0.14 -2.96	8.99 0.17 -3.07	10.97 0.22 -3.42	12.03 0.22 -4.38	10.92 0.16 -5.09	16.79 0.36 -2.44	17.05 0.31 -3.06	16.96 0.28 -3.45	19.01 0.38 -2.85	19.97 0.44 -2.79	16.88 0.31 -4.63	16.17 0.29 -4.90	22.73 0.40 -4.83	25.93 0.37 -6.89	30.34 0.51 -6.49	31.57 0.59 -3.04	30.46 0.47 -0.66	26.35 0.31 -0.52	24.31 0.14 -0.43	22.54 0.20 -0.46
STA_56___34_KV_BUS2 355983	14.91 0.26 -2.34	13.93 0.28 -1.66	12.91 0.29 -1.71	9.75 0.19 -2.51	8.55 0.14 -2.96	8.99 0.17 -3.07	10.97 0.22 -3.42	12.03 0.22 -4.38	10.92 0.16 -5.09	16.79 0.36 -2.44	17.05 0.31 -3.06	16.96 0.28 -3.45	19.01 0.38 -2.85	19.97 0.44 -2.79	16.88 0.31 -4.63	16.17 0.29 -4.90	22.73 0.40 -4.83	25.93 0.37 -6.89	30.34 0.51 -6.49	31.57 0.59 -3.04	30.46 0.47 -0.66	26.35 0.31 -0.52	24.31 0.14 -0.43	22.54 0.20 -0.46
STA_67___115KV_BK2 355882	14.98 0.32 -2.35	14.00 0.34 -1.66	12.96 0.35 -1.71	9.79 0.23 -2.52	8.59 0.17 -2.97	9.03 0.21 -3.07	11.01 0.26 -3.43	12.08 0.26 -4.39	10.96 0.19 -5.10	16.86 0.42 -2.45	17.10 0.36 -3.07	17.02 0.33 -3.46	19.08 0.44 -2.86	20.04 0.50 -2.80	16.95 0.37 -4.64	16.22 0.33 -4.91	22.81 0.47 -4.84	26.02 0.45 -6.91	30.45 0.61 -6.51	31.69 0.70 -3.05	30.58 0.59 -0.66	26.46 0.41 -0.52	24.43 0.26 -0.43	22.65 0.31 -0.46
STA_7___115KV_9TRANS 80674	15.05 0.39 -2.35	14.07 0.41 -1.66	13.03 0.41 -1.71	9.83 0.27 -2.52	8.61 0.20 -2.97	9.06 0.24 -3.08	11.06 0.30 -3.43	12.13 0.30 -4.39	11.00 0.23 -5.10	16.94 0.50 -2.45	17.20 0.45 -3.07	17.12 0.42 -3.46	19.19 0.55 -2.86	20.16 0.62 -2.80	17.03 0.45 -4.64	16.30 0.41 -4.91	22.93 0.59 -4.84	26.17 0.60 -6.92	30.64 0.79 -6.51	31.91 0.92 -3.05	30.78 0.79 -0.66	26.63 0.59 -0.52	24.57 0.40 -0.43	22.78 0.44 -0.46
STA_82___115KV_TB1 80780	14.99 0.32 -2.36	14.01 0.35 -1.66	12.98 0.36 -1.72	9.80 0.23 -2.53	8.59 0.17 -2.98	9.04 0.21 -3.08	11.03 0.26 -3.44	12.10 0.27 -4.40	10.98 0.20 -5.12	16.86 0.42 -2.46	17.12 0.37 -3.08	17.04 0.34 -3.47	19.10 0.46 -2.87	20.07 0.52 -2.81	16.96 0.37 -4.65	16.25 0.37 -4.92	22.84 0.47 -4.86	26.06 0.47 -6.93	30.49 0.63 -6.53	31.72 0.73 -3.06	30.61 0.62 -0.66	26.48 0.43 -0.52	24.43 0.26 -0.43	22.65 0.31 -0.47
STEEL___WIND 323596	15.21 0.17 -2.73	14.17 0.24 -1.93	13.16 0.27 -1.99	10.14 0.17 -2.93	9.04 0.15 -3.44	9.53 0.21 -3.57	11.54 0.23 -3.98	12.73 0.20 -5.09	11.75 0.16 -5.92	17.09 0.27 -2.84	17.41 0.18 -3.56	17.50 0.25 -4.01	19.49 0.39 -3.32	20.42 0.43 -3.25	17.66 0.33 -5.38	17.01 0.33 -5.69	23.60 0.49 -5.62	27.13 0.45 -8.02	31.49 0.61 -7.55	32.12 0.64 -3.54	30.62 0.53 -0.77	26.54 0.41 -0.60	24.41 0.17 -0.50	22.68 0.26 -0.54

STEPHTWN_115KV_BK_2 55603	25.06 0.54 -12.21	21.14 0.52 -8.63	20.27 0.47 -8.90	20.44 0.30 -13.10	21.10 0.24 -15.42	21.99 0.26 -15.97	25.49 0.34 -17.82	30.57 0.33 -22.81	32.43 0.26 -26.50	27.32 0.60 -12.73	30.17 0.56 -15.93	31.77 0.57 -17.96	31.32 0.69 -14.85	32.02 0.74 -14.54	36.55 0.50 -24.11	36.97 0.48 -25.50	43.42 0.77 -25.16	55.55 0.97 -35.91	58.38 1.24 -33.82	45.22 1.42 -15.85	34.29 1.53 -3.43	29.50 1.28 -2.70	27.10 1.12 -2.25	25.30 1.01 -2.41
STEBEN_REC_LFGE 323667	16.07 0.52 -3.24	14.84 0.55 -2.29	13.80 0.53 -2.36	10.85 0.33 -3.48	9.82 0.28 -4.10	10.34 0.35 -4.24	12.48 0.42 -4.73	13.93 0.44 -6.06	13.03 0.33 -7.04	18.11 0.74 -3.38	18.58 0.67 -4.23	18.67 0.66 -4.77	20.48 0.76 -3.94	21.46 0.85 -3.86	18.95 0.61 -6.41	18.33 0.57 -6.78	25.12 0.94 -6.68	29.29 1.08 -9.54	33.71 1.40 -8.98	33.77 1.62 -4.21	31.82 1.58 -0.91	27.55 1.30 -0.72	25.31 0.97 -0.60	23.42 0.90 -0.64
STILLWATER___SOLAR 323814	25.57 0.64 -12.63	21.53 0.61 -8.92	20.66 0.56 -9.20	20.95 0.35 -13.55	21.67 0.28 -15.95	22.58 0.30 -16.52	26.14 0.38 -18.43	31.41 0.39 -23.59	33.40 0.32 -27.41	27.90 0.74 -13.17	30.87 0.71 -16.48	32.56 0.74 -18.58	31.99 0.85 -15.36	32.70 0.92 -15.04	37.49 0.61 -24.94	37.97 0.60 -26.38	44.48 0.96 -26.03	56.97 1.16 -37.15	59.80 1.49 -34.98	46.10 1.76 -16.40	34.73 1.85 -3.55	29.88 1.56 -2.79	27.42 1.35 -2.33	25.56 1.18 -2.49
STONY___BROOK 24151	26.94 1.28 -13.35	23.20 1.33 -9.87	19.17 1.02 -7.24	18.45 0.69 -10.72	19.17 0.54 -13.18	22.30 0.82 -15.73	25.69 1.09 -17.27	30.83 1.09 -22.31	31.38 0.78 -24.94	25.77 1.41 -10.37	28.71 1.55 -13.49	29.33 1.47 -14.63	31.04 2.59 -12.67	33.12 2.66 -13.72	38.99 1.74 -25.31	38.29 1.76 -25.55	41.30 2.75 -21.06	51.02 3.12 -29.25	59.75 3.62 -32.80	45.99 5.14 -12.91	37.19 4.43 -3.43	36.11 4.44 -6.14	30.22 4.25 -2.23	26.97 3.13 -1.96
STURGEON_POOL_HYD 23609	23.02 0.65 -10.05	19.73 0.62 -7.11	18.78 0.55 -7.33	18.19 0.36 -10.79	18.42 0.28 -12.70	19.18 0.28 -13.16	22.36 0.36 -14.68	26.59 0.37 -18.79	27.77 0.28 -21.83	25.22 0.74 -10.49	27.54 0.74 -13.13	28.84 0.81 -14.80	29.01 0.99 -12.23	29.76 1.04 -11.98	32.58 0.78 -19.86	32.71 0.71 -21.01	39.34 1.12 -20.73	49.59 1.34 -29.58	52.82 1.63 -27.86	42.90 1.90 -13.06	34.06 1.91 -2.83	29.41 1.66 -2.23	27.25 1.66 -1.86	25.18 1.31 -1.99
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	21.87 0.68 -8.88	18.93 0.65 -6.28	17.96 0.58 -6.48	16.96 0.38 -9.54	16.96 0.29 -11.22	17.68 0.30 -11.63	20.68 0.39 -12.97	24.43 0.39 -16.60	25.25 0.30 -19.29	24.05 0.80 -9.27	26.07 0.79 -11.60	27.14 0.83 -13.08	27.61 1.03 -10.81	28.40 1.07 -10.58	30.28 0.79 -17.55	30.27 0.73 -18.56	36.94 1.14 -18.31	46.15 1.34 -26.14	49.58 1.63 -24.61	41.38 1.90 -11.54	33.73 1.91 -2.50	29.15 1.66 -1.97	26.99 1.61 -1.64	24.95 1.31 -1.75
SWANROAD_115KV_TB1 355699	14.91 -0.01 -2.61	13.90 0.06 -1.85	12.93 0.12 -1.90	9.92 0.07 -2.80	8.81 0.07 -3.30	9.29 0.12 -3.42	11.25 0.11 -3.81	12.36 0.05 -4.88	11.37 0.04 -5.67	16.67 -0.04 -2.72	16.95 -0.14 -3.41	17.00 -0.08 -3.84	18.94 -0.02 -3.18	19.87 0.02 -3.11	17.13 0.04 -5.16	16.49 0.05 -5.45	22.89 0.02 -5.38	26.27 -0.07 -7.68	30.47 -0.09 -7.23	31.22 -0.11 -3.39	29.86 -0.21 -0.73	25.93 -0.18 -0.58	23.84 -0.38 -0.48	22.20 -0.20 -0.52
SYNERGY___BIOGAS 323694	15.25 0.43 -2.51	14.24 0.47 -1.78	13.20 0.47 -1.83	10.04 0.30 -2.70	8.86 0.24 -3.17	9.33 0.29 -3.29	11.29 0.30 -3.67	12.39 0.26 -4.69	11.32 0.20 -5.45	16.96 0.35 -2.62	17.19 0.23 -3.28	17.19 0.26 -3.70	19.25 0.41 -3.06	20.20 0.47 -2.99	17.26 0.36 -4.96	16.57 0.34 -5.25	23.16 0.49 -5.18	26.54 0.48 -7.39	30.99 0.70 -6.96	31.95 0.75 -3.26	30.68 0.64 -0.71	26.54 0.46 -0.56	24.41 0.21 -0.46	22.71 0.33 -0.50
SYRACUSE___ENERGY_ST1 323597	14.74 0.25 -2.18	13.79 0.25 -1.54	12.73 0.24 -1.59	9.53 0.15 -2.34	8.33 0.13 -2.76	8.74 0.14 -2.86	10.69 0.18 -3.19	11.72 0.21 -4.08	10.56 0.15 -4.74	16.65 0.39 -2.28	16.92 0.40 -2.85	16.80 0.36 -3.21	18.81 0.38 -2.65	19.71 0.37 -2.60	16.50 0.25 -4.31	15.75 0.21 -4.56	22.32 0.33 -4.50	25.36 0.28 -6.42	29.68 0.30 -6.05	31.11 0.34 -2.83	30.24 0.29 -0.61	26.24 0.23 -0.48	24.30 0.17 -0.40	22.47 0.15 -0.43
SYRACUSE___ENERGY_ST2 323598	14.74 0.25 -2.18	13.79 0.25 -1.54	12.73 0.24 -1.59	9.53 0.15 -2.34	8.33 0.13 -2.76	8.74 0.14 -2.86	10.69 0.18 -3.19	11.72 0.21 -4.08	10.56 0.15 -4.74	16.65 0.39 -2.28	16.92 0.40 -2.85	16.80 0.36 -3.21	18.81 0.38 -2.65	19.71 0.37 -2.60	16.50 0.25 -4.31	15.75 0.21 -4.56	22.32 0.33 -4.50	25.36 0.28 -6.42	29.68 0.30 -6.05	31.11 0.34 -2.83	30.24 0.29 -0.61	26.24 0.23 -0.48	24.30 0.17 -0.40	22.47 0.15 -0.43
SYRACUSE___POWER 24017	14.70 0.20 -2.19	13.75 0.20 -1.55	12.69 0.19 -1.60	9.52 0.12 -2.35	8.31 0.10 -2.77	8.73 0.11 -2.87	10.67 0.15 -3.20	11.69 0.16 -4.10	10.54 0.12 -4.76	16.58 0.31 -2.29	16.84 0.30 -2.86	16.72 0.26 -3.23	18.73 0.28 -2.67	19.65 0.30 -2.61	16.47 0.20 -4.33	15.74 0.18 -4.58	22.29 0.28 -4.52	25.32 0.21 -6.45	29.61 0.21 -6.07	30.98 0.20 -2.85	30.12 0.18 -0.62	26.14 0.13 -0.49	24.24 0.09 -0.40	22.40 0.09 -0.43
TALLMAN__138KV_BK151 55660	22.08 0.70 -9.07	19.08 0.67 -6.41	18.12 0.60 -6.61	17.18 0.40 -9.74	17.21 0.30 -11.46	17.94 0.31 -11.87	20.98 0.41 -13.25	24.80 0.42 -16.96	25.69 0.32 -19.70	24.29 0.84 -9.47	26.37 0.85 -11.85	27.48 0.89 -13.36	27.91 1.09 -11.04	28.69 1.14 -10.81	30.71 0.85 -17.93	30.72 0.78 -18.96	37.41 1.21 -18.70	46.80 1.44 -26.70	50.20 1.73 -25.14	41.74 2.01 -11.79	33.90 2.02 -2.55	29.30 1.76 -2.01	27.12 1.71 -1.68	25.05 1.38 -1.79
TEALLAVE_115KV_TB7 355573	14.45 0.14 -2.01	13.56 0.14 -1.42	12.51 0.14 -1.46	9.29 0.09 -2.15	8.06 0.08 -2.54	8.46 0.09 -2.63	10.37 0.11 -2.93	11.31 0.13 -3.75	10.12 0.09 -4.36	16.32 0.24 -2.09	16.53 0.23 -2.62	16.39 0.20 -2.96	18.43 0.21 -2.44	19.35 0.22 -2.39	16.05 0.14 -3.97	15.30 0.12 -4.19	21.82 0.19 -4.14	24.64 0.07 -5.91	28.94 0.05 -5.56	30.54 0.00 -2.61	29.86 -0.03 -0.56	25.95 -0.03 -0.44	24.06 -0.05 -0.37	22.23 -0.04 -0.40
TELGRAPH_34_KV_EAST 80808	15.12 0.26 -2.55	14.11 0.31 -1.80	13.10 0.34 -1.86	10.00 0.22 -2.74	8.84 0.17 -3.22	9.32 0.23 -3.34	11.30 0.26 -3.72	12.41 0.22 -4.76	11.37 0.16 -5.54	16.91 0.27 -2.66	17.19 0.18 -3.33	17.20 0.21 -3.75	19.23 0.35 -3.10	20.16 0.39 -3.04	17.27 0.30 -5.04	16.60 0.29 -5.33	23.15 0.40 -5.26	26.54 0.37 -7.50	30.89 0.49 -7.07	31.84 0.59 -3.31	30.52 0.47 -0.72	26.45 0.36 -0.56	24.32 0.12 -0.47	22.60 0.22 -0.50
TEMPLE___115KV_TB 2 55572	14.49 0.16 -2.03	13.59 0.16 -1.43	12.53 0.15 -1.48	9.32 0.10 -2.17	8.08 0.08 -2.56	8.49 0.09 -2.65	10.41 0.12 -2.96	11.35 0.13 -3.78	10.16 0.10 -4.40	16.35 0.25 -2.11	16.58 0.26 -2.64	16.43 0.21 -2.98	18.46 0.22 -2.46	19.41 0.25 -2.41	16.11 0.17 -4.00	15.36 0.14 -4.23	21.88 0.21 -4.18	24.73 0.11 -5.96	29.01 0.07 -5.61	30.60 0.03 -2.63	29.90 0.00 -0.57	25.98 0.00 -0.45	24.09 -0.02 -0.37	22.26 -0.02 -0.40

TIANA___69_KV_BK 1 55817	26.93 1.28 -13.34	23.46 1.60 -9.86	19.18 1.04 -7.24	18.44 0.69 -10.71	19.18 0.58 -13.16	22.43 0.96 -15.71	25.83 1.25 -17.26	31.00 1.27 -22.29	31.51 0.91 -24.94	25.57 1.22 -10.37	28.70 1.55 -13.47	29.30 1.44 -14.63	31.37 3.00 -12.59	33.30 3.06 -13.49	38.74 2.01 -24.80	38.56 2.05 -25.52	41.63 3.08 -21.06	51.29 3.38 -29.25	60.51 4.39 -32.79	45.35 4.50 -12.91	36.61 3.87 -3.41	34.24 3.09 -5.63	28.92 2.97 -2.22	26.16 2.32 -1.96
TILDEN___115KV_TB1 80814	14.70 0.20 -2.19	13.75 0.20 -1.55	12.69 0.19 -1.60	9.52 0.12 -2.35	8.31 0.10 -2.77	8.73 0.11 -2.87	10.67 0.15 -3.20	11.69 0.16 -4.10	10.54 0.12 -4.76	16.58 0.31 -2.29	16.84 0.30 -2.86	16.72 0.26 -3.23	18.73 0.28 -2.67	19.65 0.30 -2.61	16.47 0.20 -4.33	15.74 0.18 -4.58	22.29 0.28 -4.52	25.32 0.21 -6.45	29.61 0.21 -6.07	30.98 0.20 -2.85	30.12 0.18 -0.62	26.14 0.13 -0.49	24.24 0.09 -0.40	22.40 0.09 -0.43
TRIGEN___CC 323695	26.59 0.98 -13.30	22.81 0.95 -9.86	18.94 0.80 -7.24	18.23 0.52 -10.67	18.90 0.42 -13.03	21.86 0.44 -15.67	25.12 0.58 -17.22	30.27 0.59 -22.25	31.05 0.45 -24.94	25.53 1.17 -10.37	28.30 1.19 -13.43	29.07 1.20 -14.63	29.37 1.50 -12.09	30.23 1.57 -11.92	34.54 1.16 -21.45	37.44 1.05 -25.40	40.18 1.63 -21.06	49.79 1.88 -29.25	58.41 2.29 -32.79	43.47 2.63 -12.91	35.43 2.73 -3.37	30.09 2.35 -2.21	28.24 2.33 -2.18	25.73 1.88 -1.96
TRINITY___115KV___4 BK 55933	24.97 0.43 -12.23	21.07 0.42 -8.65	20.20 0.38 -8.92	20.42 0.25 -13.13	21.09 0.20 -15.45	21.99 0.22 -16.01	25.47 0.28 -17.86	30.55 0.26 -22.86	32.43 0.20 -26.56	27.22 0.48 -12.76	30.10 0.45 -15.97	31.69 0.45 -18.01	31.20 0.54 -14.88	31.90 0.59 -14.57	36.51 0.41 -24.17	36.93 0.38 -25.56	43.32 0.61 -25.22	55.44 0.78 -36.00	58.21 0.98 -33.90	44.97 1.15 -15.89	34.00 1.23 -3.44	29.28 1.05 -2.71	26.90 0.90 -2.26	25.11 0.81 -2.42
UNION___PROCESSING_DRP 323587	15.00 0.33 -2.36	14.03 0.36 -1.67	12.98 0.36 -1.72	9.81 0.23 -2.53	8.60 0.18 -2.98	9.05 0.21 -3.08	11.04 0.27 -3.44	12.11 0.27 -4.40	10.98 0.20 -5.12	16.88 0.43 -2.46	17.14 0.38 -3.08	17.05 0.34 -3.47	19.12 0.47 -2.87	20.07 0.52 -2.81	16.98 0.38 -4.66	16.25 0.34 -4.93	22.84 0.49 -4.86	26.08 0.49 -6.94	30.49 0.63 -6.53	31.75 0.75 -3.06	30.61 0.62 -0.66	26.51 0.46 -0.52	24.46 0.28 -0.44	22.68 0.33 -0.47
UPPER HUDSON___HYD 24058	25.60 0.60 -12.68	21.54 0.58 -8.96	20.66 0.51 -9.25	20.98 0.32 -13.61	21.72 0.26 -16.02	22.63 0.28 -16.60	26.20 0.36 -18.52	31.51 0.38 -23.70	33.53 0.33 -27.54	27.99 0.77 -13.23	30.96 0.72 -16.56	32.66 0.75 -18.67	32.06 0.85 -15.43	32.77 0.92 -15.11	37.57 0.57 -25.06	38.08 0.59 -26.50	44.57 0.93 -26.15	57.14 1.16 -37.32	59.94 1.47 -35.14	46.17 1.76 -16.48	34.72 1.82 -3.57	29.87 1.53 -2.81	27.38 1.30 -2.34	25.52 1.14 -2.51
UPPER RAQUET___HYD 24056	12.15 -0.48 -0.32	11.75 -0.48 -0.23	10.67 -0.47 -0.23	7.09 -0.30 -0.34	4.35 -0.26 0.83	3.47 -0.38 1.90	4.76 -0.46 2.10	4.95 -0.48 2.01	5.97 -0.39 -0.69	11.47 -0.98 1.53	11.52 -0.94 1.22	11.47 -0.94 0.83	15.05 -1.12 -0.39	11.96 -1.19 3.60	11.37 -0.85 -0.28	10.88 -0.77 -0.67	16.98 -1.17 -0.66	18.46 -1.14 -0.94	22.93 -1.28 -0.89	26.87 -1.48 -0.42	27.92 -1.49 -0.09	24.48 -1.12 -0.07	23.01 -0.78 -0.06	21.42 -0.53 -0.06
VALLEY44_115KV_TB2 355964	15.14 -0.05 -2.88	14.05 0.01 -2.04	13.07 0.07 -2.10	10.16 0.03 -3.09	9.13 0.04 -3.64	9.62 0.10 -3.77	11.63 0.10 -4.21	12.92 0.10 -5.38	12.00 0.08 -6.26	17.06 0.07 -3.01	17.44 0.00 -3.76	17.55 0.08 -4.24	19.43 0.14 -3.50	20.36 0.18 -3.43	17.78 0.16 -5.69	17.17 0.16 -6.02	23.71 0.28 -5.94	27.40 0.26 -8.48	31.66 0.35 -7.98	32.04 0.36 -3.74	30.37 0.23 -0.81	26.32 0.15 -0.64	24.17 -0.09 -0.53	22.38 -0.07 -0.57
VALLEY___115KV_TB 1-4 80826	12.88 0.33 -0.24	12.47 0.30 -0.17	11.36 0.28 -0.17	7.46 0.17 -0.25	5.96 0.13 -0.39	6.38 0.14 -0.49	8.04 0.18 -0.54	8.24 0.16 -0.64	6.31 0.13 -0.51	14.68 0.31 -0.39	14.37 0.26 -0.43	13.89 0.21 -0.45	16.29 0.22 -0.29	17.58 0.25 -0.59	12.60 0.17 -0.49	11.63 0.15 -0.49	18.24 0.26 -0.48	19.67 0.32 -0.69	24.43 0.44 -0.65	28.80 0.56 -0.31	30.07 0.67 -0.07	26.24 0.66 -0.05	24.42 0.64 -0.04	22.56 0.63 -0.05
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	17.94 0.73 -4.90	16.16 0.70 -3.47	15.15 0.68 -3.57	12.74 0.44 -5.26	11.96 0.32 -6.19	12.50 0.33 -6.42	14.93 0.45 -7.16	17.04 0.44 -9.16	16.67 0.36 -10.65	20.01 0.91 -5.12	20.98 0.90 -6.40	21.35 0.90 -7.22	22.79 1.04 -5.97	23.69 1.10 -5.84	22.43 0.80 -9.69	21.93 0.70 -10.25	28.74 1.14 -10.11	34.42 1.32 -14.43	38.60 1.68 -13.59	36.23 1.93 -6.37	32.73 2.02 -1.38	28.30 1.68 -1.09	26.14 1.50 -0.91	24.16 1.31 -0.97
VISCHER___FERRY HYD 24020	25.28 0.54 -12.43	21.31 0.53 -8.79	20.45 0.48 -9.06	20.69 0.30 -13.35	21.39 0.24 -15.71	22.29 0.26 -16.27	25.81 0.33 -18.16	31.00 0.33 -23.23	32.92 0.26 -27.00	27.56 0.60 -12.97	30.49 0.57 -16.23	32.13 0.60 -18.30	31.60 0.69 -15.13	32.31 0.75 -14.81	37.02 0.51 -24.57	37.46 0.49 -25.98	43.93 0.81 -25.63	56.24 0.99 -36.59	59.04 1.26 -34.45	45.57 1.48 -16.15	34.38 1.55 -3.50	29.61 1.33 -2.75	27.19 1.16 -2.30	25.37 1.03 -2.46
V_A_10_SYNC_DSASP 323832	14.99 0.21 -2.47	14.01 0.26 -1.75	12.99 0.28 -1.80	9.88 0.18 -2.65	8.72 0.16 -3.12	9.19 0.20 -3.23	11.15 0.22 -3.61	12.24 0.19 -4.62	11.18 0.15 -5.37	16.82 0.25 -2.58	17.08 0.18 -3.23	17.07 0.20 -3.64	19.08 0.30 -3.01	20.02 0.33 -2.94	17.08 0.26 -4.88	16.40 0.25 -5.16	22.92 0.33 -5.09	26.19 0.26 -7.27	30.50 0.33 -6.85	31.48 0.34 -3.21	30.26 0.23 -0.70	26.23 0.15 -0.55	24.19 0.00 -0.46	22.50 0.13 -0.49
V_CMM_10_SYNC_DSASP 323787	11.94 -0.37 0.00	11.64 -0.36 0.00	10.54 -0.36 0.00	6.82 -0.23 0.00	3.66 -0.17 1.61	2.52 -0.21 3.03	3.71 -0.26 3.35	3.76 -0.27 3.40	5.46 -0.20 0.00	11.05 -0.50 2.44	11.05 -0.49 2.13	11.05 -0.49 1.70	15.21 -0.57 0.00	10.94 -0.60 5.19	11.05 -0.43 0.46	10.60 -0.38 0.00	16.88 -0.61 0.00	18.06 -0.60 0.00	22.65 -0.68 0.00	27.18 -0.75 0.00	28.57 -0.76 0.00	24.91 -0.61 0.00	23.19 -0.54 0.00	21.44 -0.44 0.00
V_CMP_10_SYNC_DSASP 323788	11.82 -0.49 0.00	11.47 -0.53 0.00	10.34 -0.57 0.00	6.66 -0.38 0.00	3.59 -0.27 1.59	2.44 -0.34 2.97	3.63 -0.40 3.30	3.68 -0.41 3.34	5.38 -0.29 0.00	10.81 -0.78 2.40	10.79 -0.79 2.10	10.81 -0.75 1.67	14.98 -0.80 0.00	10.82 -0.82 5.11	10.88 -0.61 0.45	10.46 -0.53 0.00	16.76 -0.73 0.00	18.10 -0.56 0.00	22.91 -0.42 0.00	27.68 -0.25 0.00	29.18 -0.15 0.00	25.55 0.03 0.00	23.85 0.12 0.00	22.15 0.26 0.00
V_E_10_SYNC_DSASP 323830	17.29 0.99 -4.00	15.75 0.92 -2.83	14.72 0.90 -2.92	11.91 0.58 -4.29	10.93 0.43 -5.05	11.45 0.47 -5.23	13.81 0.64 -5.84	15.53 0.62 -7.47	14.85 0.50 -8.68	19.37 1.22 -4.17	20.08 1.18 -5.22	20.21 1.09 -5.89	21.81 1.17 -4.87	22.76 1.26 -4.76	20.72 0.88 -7.90	20.13 0.79 -8.36	27.12 1.38 -8.25	32.09 1.66 -11.77	36.68 2.26 -11.08	35.67 2.54 -5.20	33.15 2.70 -1.13	28.63 2.22 -0.89	26.40 1.92 -0.74	24.44 1.77 -0.79

V_F_30_NSYNC___DSASP 323816	25.61 0.65 -12.65	21.56 0.62 -8.94	20.69 0.57 -9.22	20.98 0.36 -13.58	21.71 0.28 -15.98	22.62 0.31 -16.56	26.19 0.40 -18.47	31.47 0.40 -23.64	33.46 0.33 -27.47	27.95 0.77 -13.20	30.93 0.74 -16.52	32.61 0.75 -18.62	32.05 0.88 -15.39	32.77 0.95 -15.07	37.57 0.63 -25.00	38.04 0.63 -26.43	44.57 1.00 -26.08	57.08 1.20 -37.23	59.90 1.52 -35.05	46.16 1.79 -16.43	34.77 1.88 -3.56	29.91 1.58 -2.80	27.45 1.38 -2.34	25.61 1.22 -2.50
V_F_30_SYNC_DSASP 323786	25.11 0.47 -12.34	21.17 0.46 -8.72	20.30 0.40 -8.99	20.55 0.26 -13.24	21.24 0.21 -15.58	22.13 0.24 -16.15	25.63 0.29 -18.01	30.77 0.28 -23.05	32.67 0.22 -26.79	27.37 0.52 -12.87	30.28 0.49 -16.11	31.88 0.49 -18.16	31.39 0.60 -15.01	32.09 0.65 -14.70	36.75 0.44 -24.37	37.19 0.43 -25.78	43.59 0.66 -25.43	55.80 0.84 -36.30	58.59 1.07 -34.18	45.19 1.23 -16.03	34.12 1.32 -3.47	29.38 1.12 -2.73	26.99 0.97 -2.28	25.19 0.88 -2.44
V_XM_10_SYNC_DSASP 323789	11.82 -0.49 0.00	11.47 -0.53 0.00	10.34 -0.57 0.00	6.66 -0.38 0.00	3.59 -0.27 1.59	2.44 -0.34 2.97	3.63 -0.40 3.30	3.68 -0.41 3.34	5.38 -0.29 0.00	10.81 -0.78 2.40	10.79 -0.79 2.10	10.81 -0.75 1.67	14.98 -0.80 0.00	10.82 -0.82 5.11	10.88 -0.61 0.45	10.46 -0.53 0.00	16.76 -0.73 0.00	18.10 -0.56 0.00	22.91 -0.42 0.00	27.68 -0.25 0.00	29.18 -0.15 0.00	25.55 0.03 0.00	23.85 0.12 0.00	22.15 0.26 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	22.13 0.73 -9.09	19.12 0.70 -6.43	18.15 0.62 -6.63	17.21 0.41 -9.76	17.25 0.32 -11.49	17.97 0.32 -11.90	21.02 0.42 -13.28	24.85 0.42 -16.99	25.73 0.32 -19.74	24.33 0.85 -9.49	26.41 0.86 -11.87	27.53 0.91 -13.38	27.96 1.12 -11.06	28.75 1.17 -10.83	30.76 0.86 -17.96	30.77 0.79 -19.00	37.48 1.24 -18.74	46.89 1.47 -26.76	50.30 1.77 -25.19	41.82 2.07 -11.81	33.97 2.08 -2.56	29.35 1.81 -2.01	27.17 1.76 -1.68	25.10 1.42 -1.80
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	23.17 0.92 -9.94	19.91 0.89 -7.03	18.91 0.76 -7.25	18.21 0.50 -10.67	18.38 0.38 -12.56	19.16 0.40 -13.01	22.38 0.53 -14.52	26.55 0.54 -18.58	27.67 0.42 -21.59	25.50 1.15 -10.37	27.81 1.15 -12.98	29.11 1.23 -14.65	29.36 1.48 -12.09	30.12 1.54 -11.84	32.71 1.13 -19.64	32.79 1.03 -20.77	39.54 1.56 -20.49	49.76 1.85 -29.25	53.05 2.17 -27.54	43.42 2.57 -12.91	34.68 2.55 -2.80	30.00 2.27 -2.20	27.86 2.28 -1.84	25.68 1.84 -1.96
W50THST__13_KV_LOAD 356117	23.24 0.98 -9.94	19.97 0.95 -7.03	18.97 0.82 -7.25	18.24 0.53 -10.67	18.41 0.40 -12.56	19.19 0.43 -13.01	22.41 0.57 -14.52	26.59 0.58 -18.58	27.70 0.45 -21.59	25.59 1.23 -10.37	27.89 1.23 -12.98	29.19 1.31 -14.65	29.45 1.58 -12.09	30.23 1.64 -11.84	32.79 1.21 -19.64	32.86 1.10 -20.77	39.63 1.64 -20.49	49.88 1.96 -29.25	53.19 2.31 -27.54	43.56 2.71 -12.91	34.82 2.70 -2.80	30.13 2.40 -2.20	28.00 2.42 -1.84	25.79 1.95 -1.96
WADING RIVER_IC_1 23522	26.85 1.19 -13.35	23.19 1.32 -9.87	19.11 0.96 -7.24	18.40 0.65 -10.71	19.11 0.51 -13.16	22.38 0.91 -15.72	25.80 1.21 -17.27	30.93 1.20 -22.30	31.43 0.82 -24.94	25.64 1.29 -10.37	28.58 1.42 -13.48	29.23 1.36 -14.63	31.16 2.78 -12.60	33.09 2.85 -13.50	38.58 1.83 -24.82	38.46 1.94 -25.53	41.57 3.01 -21.06	51.27 3.36 -29.25	59.91 3.78 -32.80	46.69 5.84 -12.91	37.56 4.81 -3.42	36.17 5.00 -5.64	30.69 4.72 -2.23	27.17 3.32 -1.96
WADING RIVER_IC_2 23547	26.85 1.19 -13.35	23.19 1.32 -9.87	19.11 0.96 -7.24	18.40 0.65 -10.71	19.11 0.51 -13.16	22.38 0.91 -15.72	25.80 1.21 -17.27	30.93 1.20 -22.30	31.43 0.82 -24.94	25.64 1.29 -10.37	28.58 1.42 -13.48	29.23 1.36 -14.63	31.16 2.78 -12.60	33.09 2.85 -13.50	38.58 1.83 -24.82	38.46 1.94 -25.53	41.57 3.01 -21.06	51.27 3.36 -29.25	59.91 3.78 -32.80	46.69 5.84 -12.91	37.56 4.81 -3.42	36.17 5.00 -5.64	30.69 4.72 -2.23	27.17 3.32 -1.96
WADING RIVER_IC_3 23601	26.85 1.19 -13.35	23.19 1.32 -9.87	19.11 0.96 -7.24	18.40 0.65 -10.71	19.11 0.51 -13.16	22.38 0.91 -15.72	25.80 1.21 -17.27	30.93 1.20 -22.30	31.43 0.82 -24.94	25.64 1.29 -10.37	28.58 1.42 -13.48	29.23 1.36 -14.63	31.16 2.78 -12.60	33.09 2.85 -13.50	38.58 1.83 -24.82	38.46 1.94 -25.53	41.57 3.01 -21.06	51.27 3.36 -29.25	59.91 3.78 -32.80	46.69 5.84 -12.91	37.56 4.81 -3.42	36.17 5.00 -5.64	30.69 4.72 -2.23	27.17 3.32 -1.96
WALDENNY_12_KV_BK2 80841	15.21 0.18 -2.71	14.17 0.25 -1.92	13.18 0.29 -1.98	10.13 0.18 -2.91	9.03 0.16 -3.43	9.52 0.22 -3.55	11.54 0.25 -3.96	12.72 0.22 -5.07	11.72 0.16 -5.89	17.10 0.28 -2.83	17.41 0.19 -3.54	17.49 0.26 -3.99	19.48 0.39 -3.30	20.43 0.45 -3.23	17.64 0.35 -5.36	16.98 0.33 -5.67	23.59 0.51 -5.59	27.11 0.47 -7.98	31.46 0.61 -7.52	32.16 0.70 -3.52	30.68 0.59 -0.76	26.61 0.49 -0.60	24.45 0.21 -0.50	22.70 0.28 -0.54
WALDEN___HYDRO 24148	22.47 0.74 -9.42	19.35 0.70 -6.66	18.39 0.62 -6.87	17.56 0.41 -10.11	17.65 0.31 -11.90	18.39 0.32 -12.33	21.50 0.42 -13.75	25.45 0.42 -17.60	26.44 0.32 -20.45	24.64 0.82 -9.83	26.78 0.81 -12.30	27.96 0.86 -13.86	28.28 1.04 -11.46	29.07 1.10 -11.22	31.36 0.81 -18.61	31.42 0.76 -19.68	38.10 1.19 -19.42	47.84 1.46 -27.72	51.18 1.75 -26.10	42.24 2.07 -12.24	34.06 2.08 -2.65	29.42 1.81 -2.08	27.21 1.73 -1.74	25.16 1.42 -1.86
WARRENSBURG___ 23737	25.60 0.60 -12.68	21.54 0.58 -8.96	20.66 0.51 -9.25	20.98 0.32 -13.61	21.72 0.26 -16.02	22.63 0.28 -16.60	26.20 0.36 -18.52	31.51 0.38 -23.70	33.53 0.33 -27.54	27.99 0.77 -13.23	30.96 0.72 -16.56	32.66 0.75 -18.67	32.06 0.85 -15.43	32.77 0.92 -15.11	37.57 0.57 -25.06	38.08 0.59 -26.50	44.57 0.93 -26.15	57.14 1.16 -37.32	59.94 1.47 -35.14	46.17 1.76 -16.48	34.72 1.82 -3.57	29.87 1.53 -2.81	27.38 1.30 -2.34	25.52 1.14 -2.51
WATERSIDE___6 8 9 23538	23.20 0.95 -9.94	19.93 0.90 -7.03	18.94 0.79 -7.25	18.23 0.51 -10.67	18.38 0.38 -12.56	19.14 0.37 -13.01	22.32 0.48 -14.52	26.50 0.49 -18.58	27.63 0.38 -21.59	25.42 1.06 -10.37	27.74 1.08 -12.98	29.06 1.18 -14.65	29.28 1.40 -12.09	30.04 1.46 -11.84	32.65 1.07 -19.64	32.71 0.96 -20.77	39.40 1.42 -20.49	49.61 1.70 -29.25	52.86 1.98 -27.55	43.20 2.35 -12.91	34.44 2.32 -2.80	29.90 2.17 -2.20	27.83 2.25 -1.84	25.71 1.86 -1.96
WATKINRD_115KV_LN8_ILLION 55919	12.80 0.26 -0.24	12.41 0.24 -0.17	11.29 0.22 -0.17	7.44 0.14 -0.25	5.94 0.10 -0.39	6.35 0.11 -0.49	8.01 0.15 -0.54	8.22 0.14 -0.64	6.28 0.11 -0.51	14.64 0.27 -0.39	14.35 0.23 -0.43	13.89 0.21 -0.45	16.30 0.24 -0.29	17.58 0.25 -0.59	12.61 0.18 -0.49	11.65 0.18 -0.49	18.26 0.28 -0.48	19.69 0.34 -0.69	24.43 0.44 -0.65	28.77 0.53 -0.31	29.98 0.59 -0.07	26.12 0.54 -0.05	24.28 0.50 -0.04	22.39 0.46 -0.05
WATSON___69_KV_BK 1 55734	26.84 1.22 -13.31	23.25 1.39 -9.86	19.23 1.08 -7.24	18.40 0.68 -10.68	18.99 0.47 -13.08	22.14 0.70 -15.69	25.44 0.88 -17.23	30.61 0.91 -22.27	31.31 0.71 -24.94	25.81 1.45 -10.37	28.67 1.55 -13.45	29.38 1.52 -14.63	30.09 2.02 -12.29	31.31 2.03 -12.54	36.01 1.42 -22.65	37.80 1.37 -25.44	40.91 2.36 -21.06	50.58 2.67 -29.25	59.51 3.38 -32.79	44.48 3.63 -12.91	36.00 3.28 -3.39	31.57 2.60 -3.44	28.56 2.63 -2.19	26.32 2.47 -1.96

WDELAWARE___HYD 323627	21.77 0.81 -8.65	18.88 0.77 -6.11	17.89 0.69 -6.30	16.77 0.45 -9.28	16.71 0.35 -10.92	17.41 0.35 -11.31	20.40 0.45 -12.62	24.04 0.45 -16.15	24.78 0.34 -18.77	23.87 0.87 -9.02	25.83 0.86 -11.29	26.86 0.90 -12.73	27.40 1.10 -10.52	28.19 1.15 -10.30	29.89 0.87 -17.08	29.86 0.81 -18.06	36.63 1.31 -17.82	45.69 1.59 -25.44	49.22 1.94 -23.95	41.43 2.26 -11.23	34.05 2.29 -2.43	29.43 1.99 -1.91	27.23 1.90 -1.60	25.14 1.55 -1.71
WEST BABYLON___IC 23714	26.82 1.21 -13.30	23.11 1.25 -9.86	19.16 1.01 -7.24	18.36 0.64 -10.67	18.98 0.49 -13.04	22.02 0.59 -15.68	25.32 0.77 -17.22	30.48 0.80 -22.25	31.21 0.61 -24.94	25.78 1.43 -10.37	28.59 1.48 -13.44	29.30 1.44 -14.63	29.75 1.83 -12.14	30.70 1.89 -12.07	35.06 1.36 -21.76	37.68 1.29 -25.41	40.63 2.08 -21.06	50.28 2.37 -29.25	59.09 2.96 -32.79	44.12 3.27 -12.91	35.96 3.26 -3.38	30.76 2.71 -2.53	28.64 2.73 -2.18	26.21 2.36 -1.96
WEST CANADA___HYD 24049	12.61 0.06 -0.24	12.23 0.06 -0.17	11.13 0.05 -0.17	7.33 0.04 -0.25	5.86 0.02 -0.39	6.27 0.03 -0.49	7.91 0.04 -0.54	8.11 0.04 -0.64	6.20 0.03 -0.51	14.45 0.07 -0.39	14.18 0.07 -0.43	13.75 0.07 -0.45	16.15 0.08 -0.29	17.42 0.08 -0.59	12.49 0.06 -0.49	11.53 0.06 -0.49	18.07 0.09 -0.48	19.47 0.11 -0.69	24.12 0.14 -0.65	28.41 0.17 -0.31	29.57 0.18 -0.07	25.73 0.15 -0.05	23.90 0.12 -0.04	22.04 0.11 -0.05
WESTERN_NY_WIND 24143	15.25 0.42 -2.53	14.24 0.46 -1.79	13.21 0.47 -1.84	10.06 0.30 -2.71	8.87 0.23 -3.19	9.35 0.29 -3.31	11.32 0.30 -3.69	12.42 0.27 -4.72	11.35 0.20 -5.49	16.97 0.35 -2.64	17.22 0.25 -3.30	17.22 0.26 -3.72	19.26 0.41 -3.07	20.22 0.47 -3.01	17.29 0.36 -4.99	16.60 0.34 -5.28	23.19 0.49 -5.21	26.60 0.50 -7.44	31.03 0.70 -7.00	32.03 0.81 -3.28	30.71 0.67 -0.71	26.62 0.54 -0.56	24.46 0.26 -0.47	22.73 0.35 -0.50
WESTOVER___LESR 323668	16.88 0.38 -4.19	15.36 0.40 -2.96	14.34 0.38 -3.05	11.78 0.25 -4.49	10.93 0.20 -5.29	11.45 0.22 -5.48	13.72 0.28 -6.11	15.55 0.29 -7.82	14.97 0.21 -9.09	18.87 0.52 -4.37	19.65 0.51 -5.47	19.87 0.48 -6.16	21.43 0.55 -5.09	22.33 0.60 -4.99	20.64 0.43 -8.27	20.13 0.40 -8.75	26.76 0.63 -8.63	31.66 0.67 -12.32	35.77 0.84 -11.60	34.33 0.95 -5.44	31.47 0.97 -1.18	27.25 0.79 -0.93	25.15 0.64 -0.77	23.28 0.57 -0.83
WETHRSFD_WT_PWR 323626	15.41 0.17 -2.93	14.30 0.23 -2.07	13.30 0.26 -2.14	10.35 0.16 -3.15	9.30 0.15 -3.70	9.78 0.20 -3.84	11.83 0.22 -4.28	13.12 0.21 -5.48	12.20 0.16 -6.37	17.35 0.31 -3.06	17.73 0.22 -3.83	17.83 0.28 -4.32	19.73 0.38 -3.57	20.67 0.43 -3.49	18.05 0.32 -5.79	17.43 0.32 -6.13	24.03 0.49 -6.04	27.78 0.48 -8.63	32.11 0.65 -8.13	32.44 0.70 -3.81	30.80 0.64 -0.83	26.69 0.51 -0.65	24.56 0.29 -0.54	22.79 0.33 -0.58
WHAVSTOR_138KV_BK127 55557	22.07 0.66 -9.10	19.08 0.65 -6.43	18.11 0.58 -6.63	17.19 0.39 -9.76	17.23 0.29 -11.49	17.95 0.30 -11.90	21.00 0.39 -13.28	24.83 0.39 -17.00	25.72 0.30 -19.75	24.29 0.81 -9.49	26.36 0.81 -11.88	27.48 0.86 -13.39	27.89 1.04 -11.07	28.67 1.09 -10.84	30.72 0.81 -17.97	30.74 0.75 -19.01	37.40 1.15 -18.75	46.81 1.38 -26.77	50.19 1.66 -25.20	41.68 1.93 -11.82	33.82 1.94 -2.56	29.23 1.68 -2.01	27.08 1.66 -1.68	24.99 1.31 -1.80
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	22.07 0.66 -9.10	19.08 0.65 -6.43	18.11 0.58 -6.63	17.19 0.39 -9.76	17.23 0.29 -11.49	17.95 0.30 -11.90	21.00 0.39 -13.28	24.83 0.39 -17.00	25.72 0.30 -19.75	24.29 0.81 -9.49	26.36 0.81 -11.88	27.48 0.86 -13.39	27.89 1.04 -11.07	28.67 1.09 -10.84	30.72 0.81 -17.97	30.74 0.75 -19.01	37.40 1.15 -18.75	46.81 1.38 -26.77	50.19 1.66 -25.20	41.68 1.93 -11.82	33.82 1.94 -2.56	29.23 1.68 -2.01	27.08 1.66 -1.68	24.99 1.31 -1.80
WHITEHAL_115KV_TB1 80871	25.83 0.85 -12.67	21.76 0.80 -8.95	20.86 0.72 -9.24	21.09 0.45 -13.60	21.80 0.35 -16.00	22.72 0.39 -16.58	26.33 0.51 -18.50	31.64 0.53 -23.68	33.64 0.46 -27.51	28.30 1.09 -13.22	31.23 1.01 -16.54	32.91 1.03 -18.65	32.30 1.10 -15.41	33.02 1.19 -15.09	37.71 0.74 -25.03	38.23 0.77 -26.47	44.84 1.22 -26.12	57.44 1.49 -37.28	60.35 1.91 -35.11	46.80 2.40 -16.46	35.39 2.49 -3.56	30.40 2.07 -2.80	27.83 1.76 -2.34	25.92 1.53 -2.50
WHITEPLN_13_KV_LOAD 356215	23.14 0.90 -9.93	19.89 0.88 -7.02	18.90 0.76 -7.24	18.18 0.49 -10.66	18.36 0.38 -12.54	19.15 0.41 -12.99	22.35 0.53 -14.50	26.53 0.55 -18.55	27.66 0.44 -21.56	25.50 1.16 -10.36	27.80 1.16 -12.96	29.06 1.22 -14.61	29.37 1.51 -12.08	30.14 1.57 -11.83	32.70 1.15 -19.61	32.79 1.07 -20.74	39.60 1.64 -20.46	49.78 1.90 -29.21	53.15 2.31 -27.50	43.51 2.68 -12.90	34.76 2.64 -2.79	30.02 2.30 -2.20	27.80 2.23 -1.83	25.66 1.82 -1.96
WM_FLOYD_69_KV_BK2 356380	26.84 1.19 -13.34	23.36 1.50 -9.86	19.12 0.97 -7.24	18.40 0.65 -10.71	19.14 0.54 -13.15	22.37 0.91 -15.71	25.76 1.17 -17.26	30.91 1.19 -22.29	31.45 0.85 -24.94	25.46 1.10 -10.37	28.58 1.42 -13.47	29.20 1.34 -14.63	31.18 2.81 -12.59	33.08 2.86 -13.48	38.57 1.86 -24.77	38.42 1.91 -25.52	41.37 2.82 -21.06	51.01 3.10 -29.25	60.14 4.01 -32.79	44.93 4.08 -12.91	36.26 3.52 -3.41	33.96 2.83 -5.60	28.73 2.78 -2.22	25.99 2.14 -1.96
WOODARD___115KV_TB2 355635	14.44 0.11 -2.02	13.55 0.12 -1.43	12.50 0.12 -1.47	9.28 0.07 -2.17	8.06 0.06 -2.55	8.47 0.07 -2.65	10.37 0.10 -2.95	11.31 0.10 -3.78	10.13 0.07 -4.39	16.29 0.20 -2.11	16.52 0.21 -2.64	16.37 0.16 -2.98	18.41 0.17 -2.46	19.33 0.18 -2.41	16.05 0.12 -3.99	15.31 0.10 -4.22	21.80 0.14 -4.17	24.65 0.04 -5.95	28.93 0.00 -5.60	30.53 -0.03 -2.63	29.84 -0.06 -0.57	25.90 -0.08 -0.45	24.01 -0.09 -0.37	22.19 -0.09 -0.40
YORK___WARBASSE 23770	23.29 1.03 -9.94	20.01 0.98 -7.03	19.00 0.85 -7.25	18.26 0.55 -10.67	18.41 0.41 -12.56	19.16 0.40 -13.01	22.35 0.51 -14.52	26.52 0.51 -18.58	27.65 0.40 -21.59	25.46 1.10 -10.37	27.79 1.14 -12.98	29.13 1.24 -14.65	29.34 1.47 -12.09	30.13 1.54 -11.84	32.71 1.13 -19.64	32.77 1.01 -20.77	39.46 1.47 -20.49	49.69 1.77 -29.25	52.98 2.10 -27.55	43.34 2.49 -12.91	34.65 2.52 -2.80	30.00 2.27 -2.20	27.98 2.40 -1.84	25.86 2.01 -1.96