

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/26/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	43.88	43.35	38.77	37.22	35.24	39.23	39.65	38.05	37.14	36.72	35.86	35.42	36.45	37.06	40.31	46.77	49.31	60.54	54.32	49.34	48.14	44.65	39.29	36.22
24138	1.21	1.12	1.07	1.07	1.14	1.15	1.18	1.27	1.50	1.58	1.65	1.70	1.67	1.56	1.54	0.71	1.05	0.87	1.06	0.45	0.45	0.30	0.35	0.21
	-18.85	-18.86	-16.28	-14.32	-10.29	-14.69	-12.85	-12.37	-8.42	-7.81	-5.80	-3.40	-4.90	-7.57	-11.81	-32.58	-29.56	-43.63	-34.30	-41.17	-39.57	-39.34	-33.16	-31.84
74TH STREET_GT_1	43.93	43.40	38.79	37.25	35.29	39.25	39.65	38.05	37.14	36.73	35.86	35.45	36.45	37.06	40.31	46.77	49.31	60.56	54.34	49.35	48.16	44.66	39.30	36.23
24260	1.26	1.17	1.09	1.09	1.19	1.17	1.18	1.27	1.50	1.59	1.65	1.73	1.67	1.56	1.54	0.71	1.05	0.88	1.08	0.46	0.46	0.30	0.35	0.22
	-18.85	-18.87	-16.28	-14.33	-10.29	-14.69	-12.86	-12.37	-8.42	-7.81	-5.80	-3.40	-4.90	-7.57	-11.81	-32.58	-29.57	-43.63	-34.31	-41.18	-39.58	-39.34	-33.16	-31.84
74TH STREET_GT_2	43.93	43.40	38.79	37.25	35.29	39.25	39.65	38.05	37.14	36.73	35.86	35.45	36.45	37.06	40.31	46.77	49.31	60.56	54.34	49.35	48.16	44.66	39.30	36.23
24261	1.26	1.17	1.09	1.09	1.19	1.17	1.18	1.27	1.50	1.59	1.65	1.73	1.67	1.56	1.54	0.71	1.05	0.88	1.08	0.46	0.46	0.30	0.35	0.22
	-18.85	-18.87	-16.28	-14.33	-10.29	-14.69	-12.86	-12.37	-8.42	-7.81	-5.80	-3.40	-4.90	-7.57	-11.81	-32.58	-29.57	-43.63	-34.31	-41.18	-39.58	-39.34	-33.16	-31.84
ADK HUDSON___FALLS	48.85	48.48	43.12	41.11	38.15	43.17	43.31	41.45	39.61	38.85	37.51	36.46	37.93	39.14	43.37	54.45	56.12	70.90	62.32	59.10	57.52	54.00	47.11	43.93
24011	1.64	1.71	1.50	1.51	1.57	1.54	1.74	1.68	1.93	1.83	1.90	1.91	1.97	1.82	1.75	0.54	0.73	0.71	0.80	0.29	0.29	0.16	0.17	0.25
	-23.40	-23.41	-20.20	-17.78	-12.77	-18.23	-15.95	-15.35	-10.45	-9.69	-7.20	-4.22	-6.09	-9.40	-14.66	-40.43	-36.69	-54.15	-42.58	-51.10	-49.11	-48.82	-41.15	-39.52
ADK RESOURCE___RCVRY	49.03	48.64	43.26	41.25	38.28	43.29	43.50	41.60	39.83	39.08	37.71	36.64	38.14	39.34	43.57	54.54	56.21	71.04	62.46	59.16	57.58	54.04	47.15	43.97
23798	1.81	1.85	1.63	1.64	1.69	1.66	1.92	1.83	2.15	2.05	2.10	2.09	2.18	2.01	1.94	0.61	0.80	0.82	0.91	0.32	0.33	0.18	0.19	0.27
	-23.41	-23.43	-20.21	-17.79	-12.78	-18.24	-15.96	-15.36	-10.46	-9.69	-7.21	-4.23	-6.09	-9.40	-14.67	-40.45	-36.71	-54.18	-42.60	-51.13	-49.14	-48.85	-41.17	-39.54
ADK S GLENS___FALLS	48.85	48.48	43.12	41.11	38.15	43.17	43.31	41.45	39.61	38.85	37.51	36.46	37.93	39.14	43.37	54.45	56.12	70.90	62.32	59.10	57.52	54.00	47.11	43.93
24028	1.64	1.71	1.50	1.51	1.57	1.54	1.74	1.68	1.93	1.83	1.90	1.91	1.97	1.82	1.75	0.54	0.73	0.71	0.80	0.29	0.29	0.16	0.17	0.25
	-23.40	-23.41	-20.20	-17.78	-12.77	-18.23	-15.95	-15.35	-10.45	-9.69	-7.20	-4.22	-6.09	-9.40	-14.66	-40.43	-36.69	-54.15	-42.58	-51.10	-49.11	-48.82	-41.15	-39.52
ADK_NYS___DAM	47.66	47.23	42.08	40.18	37.42	42.24	42.38	40.51	38.81	38.15	36.85	36.01	37.35	38.53	42.57	53.28	55.18	69.28	61.11	57.55	56.04	52.50	45.89	42.61
23527	1.21	1.21	1.11	1.16	1.26	1.22	1.33	1.24	1.47	1.45	1.48	1.61	1.58	1.51	1.43	0.69	0.99	0.85	0.97	0.40	0.41	0.25	0.29	0.21
	-22.63	-22.65	-19.55	-17.20	-12.36	-17.63	-15.43	-14.85	-10.11	-9.37	-6.97	-4.09	-5.89	-9.09	-14.18	-39.11	-35.50	-52.38	-41.19	-49.44	-47.51	-47.24	-39.81	-38.23
AIR_PRODUCTS___DRP	46.81	46.37	41.29	39.34	36.48	41.36	41.45	39.57	37.73	37.10	35.83	34.94	36.24	37.39	41.50	52.88	54.51	68.80	60.49	57.42	55.90	52.49	45.81	42.58
24190	0.26	0.26	0.24	0.24	0.26	0.26	0.33	0.24	0.35	0.36	0.43	0.52	0.45	0.34	0.30	0.12	0.17	0.14	0.17	0.06	0.06	0.04	0.04	0.02
	-22.73	-22.75	-19.63	-17.27	-12.41	-17.71	-15.50	-14.92	-10.15	-9.41	-7.00	-4.10	-5.91	-9.13	-14.24	-39.28	-35.65	-52.61	-41.37	-49.65	-47.72	-47.44	-39.98	-38.39
AKWESSNE_115KV_BK	23.52	23.06	21.08	21.63	23.37	23.39	25.73	24.65	27.49	27.52	27.96	29.58	29.06	27.57	26.99	14.38	18.96	16.86	19.39	8.74	8.96	6.15	6.62	5.10
355683	-1.07	-1.07	-1.01	-0.79	-0.86	-0.61	-0.41	-0.27	-0.08	-0.14	-0.68	-0.88	-1.02	-0.67	-0.46	-0.43	-0.95	-0.98	-0.97	-0.66	-0.78	-0.49	-0.53	-0.38
	-0.77	-0.77	-0.67	-0.59	-0.42	-0.60	-0.53	-0.51	-0.35	-0.32	-0.24	-0.14	-0.20	-0.31	-0.48	-1.34	-1.21	-1.79	-1.41	-1.69	-1.62	-1.62	-1.36	-1.31
ALBANY___1	46.81	46.37	41.29	39.34	36.48	41.36	41.45	39.57	37.73	37.10	35.83	34.94	36.24	37.39	41.50	52.88	54.51	68.80	60.49	57.42	55.90	52.49	45.81	42.58
23571	0.26	0.26	0.24	0.24	0.26	0.26	0.33	0.24	0.35	0.36	0.43	0.52	0.45	0.34	0.30	0.12	0.17	0.14	0.17	0.06	0.06	0.04	0.04	0.02
	-22.73	-22.75	-19.63	-17.27	-12.41	-17.71	-15.50	-14.92	-10.15	-9.41	-7.00	-4.10	-5.91	-9.13	-14.24	-39.28	-35.65	-52.61	-41.37	-49.65	-47.72	-47.44	-39.98	-38.39
ALBANY___2	46.81	46.37	41.29	39.34	36.48	41.36	41.45	39.57	37.73	37.10	35.83	34.94	36.24	37.39	41.50	52.88	54.51	68.80	60.49	57.42	55.90	52.49	45.81	42.58
23572	0.26	0.26	0.24	0.24	0.26	0.26	0.33	0.24	0.35	0.36	0.43	0.52	0.45	0.34	0.30	0.12	0.17	0.14	0.17	0.06	0.06	0.04	0.04	0.02
	-22.73	-22.75	-19.63	-17.27	-12.41	-17.71	-15.50	-14.92	-10.15	-9.41	-7.00	-4.10	-5.91	-9.13	-14.24	-39.28	-35.65	-52.61	-41.37	-49.65	-47.72	-47.44	-39.98	-38.39
ALBANY___3	46.81	46.37	41.29	39.34	36.48	41.36	41.45	39.57	37.73	37.10	35.83	34.94	36.24	37.39	41.50	52.88	54.51	68.80	60.49	57.42	55.90	52.49	45.81	42.58
23573	0.26	0.26	0.24	0.24	0.26	0.26	0.33	0.24	0.35	0.36	0.43	0.52	0.45	0.34	0.30	0.12	0.17	0.14	0.17	0.06	0.06	0.04	0.04	0.02
	-22.73	-22.75	-19.63	-17.27	-12.41	-17.71	-15.50	-14.92	-10.15	-9.41	-7.00	-4.10	-5.91	-9.13	-14.24	-39.28	-35.65	-52.61	-41.37	-49.65	-47.72	-47.44	-39.98	-38.39

ALBANY___4 23574	46.81 0.26 -22.73	46.37 0.26 -22.75	41.29 0.24 -19.63	39.34 0.24 -17.27	36.48 0.26 -12.41	41.36 0.26 -17.71	41.45 0.33 -15.50	39.57 0.24 -14.92	37.73 0.35 -10.15	37.10 0.36 -9.41	35.83 0.43 -7.00	34.94 0.52 -4.10	36.24 0.45 -5.91	37.39 0.34 -9.13	41.50 0.30 -14.24	52.88 0.12 -39.28	54.51 0.17 -35.65	68.80 0.14 -52.61	60.49 0.17 -41.37	57.42 0.06 -49.65	55.90 0.06 -47.72	52.49 0.04 -47.44	45.81 0.04 -39.98	42.58 0.02 -38.39
ALBANY___LFGE 323615	47.23 0.50 -22.92	46.81 0.51 -22.94	41.66 0.45 -19.79	39.70 0.46 -17.42	36.82 0.50 -12.51	41.74 0.49 -17.86	41.84 0.59 -15.63	39.94 0.49 -15.04	38.09 0.63 -10.24	37.45 0.63 -9.49	36.17 0.71 -7.05	35.25 0.79 -4.14	36.58 0.75 -5.96	37.78 0.64 -9.21	41.91 0.59 -14.36	53.35 0.27 -39.61	55.00 0.35 -35.94	69.43 0.34 -53.04	61.02 0.36 -41.71	57.92 0.15 -50.06	56.38 0.15 -48.11	52.94 0.09 -47.83	46.20 0.10 -40.31	42.94 0.06 -38.71
ALCOA_PA_115KV_PL-6C 55860	23.82 -0.81 -0.82	23.34 -0.84 -0.82	21.33 -0.79 -0.71	21.90 -0.55 -0.62	23.63 -0.62 -0.45	23.66 -0.37 -0.64	26.05 -0.13 -0.56	24.95 0.00 -0.54	27.78 0.19 -0.36	27.81 0.14 -0.34	28.15 -0.51 -0.25	29.77 -0.70 -0.15	29.25 -0.84 -0.21	27.81 -0.45 -0.33	27.25 -0.22 -0.51	14.58 -0.31 -1.41	19.19 -0.79 -1.28	17.10 -0.83 -1.89	19.64 -0.80 -1.49	8.90 -0.60 -1.78	9.13 -0.71 -1.72	6.29 -0.44 -1.71	6.76 -0.46 -1.44	5.22 -0.33 -1.38
ALCOA_RYNLDS___DRP 24188	23.82 -0.81 -0.82	23.34 -0.84 -0.82	21.33 -0.79 -0.71	21.90 -0.55 -0.62	23.63 -0.62 -0.45	23.66 -0.37 -0.64	26.05 -0.13 -0.56	24.95 0.00 -0.54	27.78 0.19 -0.36	27.81 0.14 -0.34	28.15 -0.51 -0.25	29.77 -0.70 -0.15	29.25 -0.84 -0.21	27.81 -0.45 -0.33	27.25 -0.22 -0.51	14.58 -0.31 -1.41	19.19 -0.79 -1.28	17.10 -0.83 -1.89	19.64 -0.80 -1.49	8.90 -0.60 -1.78	9.13 -0.71 -1.72	6.29 -0.44 -1.71	6.76 -0.46 -1.44	5.22 -0.33 -1.38
ALCOA___DSASP 323711	23.82 -0.81 -0.82	23.34 -0.84 -0.82	21.33 -0.79 -0.71	21.90 -0.54 -0.62	23.63 -0.62 -0.45	23.66 -0.38 -0.64	26.05 -0.13 -0.56	24.95 0.00 -0.54	27.78 0.19 -0.36	27.78 0.11 -0.34	28.15 -0.51 -0.25	29.77 -0.70 -0.15	29.25 -0.84 -0.21	27.81 -0.45 -0.33	27.25 -0.22 -0.51	14.58 -0.31 -1.41	19.19 -0.78 -1.28	17.10 -0.84 -1.89	19.64 -0.80 -1.49	8.90 -0.60 -1.78	9.13 -0.71 -1.72	6.29 -0.44 -1.71	6.76 -0.46 -1.44	5.22 -0.33 -1.38
ALLEGHENY___COGEN 23514	30.03 0.90 -5.31	29.62 0.94 -5.32	26.82 0.81 -4.59	26.65 0.78 -4.04	27.52 0.81 -2.90	28.23 0.70 -4.14	30.08 0.84 -3.62	28.58 0.68 -3.49	29.95 0.35 -2.37	29.70 0.16 -2.20	30.24 0.20 -1.63	31.43 0.15 -0.96	31.38 0.12 -1.38	30.17 0.11 -2.13	30.31 0.03 -3.33	22.78 0.12 -9.18	27.38 0.35 -8.33	28.82 0.48 -12.29	29.26 0.64 -9.67	19.61 0.30 -11.60	19.62 0.36 -11.15	16.30 0.20 -11.08	15.32 0.19 -9.34	13.32 0.18 -8.97
ALTAMONT_115KV_TB 2 55880	47.15 0.60 -22.74	46.70 0.58 -22.76	41.59 0.54 -19.64	39.65 0.55 -17.28	36.82 0.60 -12.41	41.69 0.58 -17.71	41.76 0.64 -15.51	39.92 0.59 -14.92	38.09 0.71 -10.16	37.43 0.68 -9.42	36.14 0.74 -7.00	35.21 0.79 -4.11	36.57 0.78 -5.91	37.76 0.70 -9.13	41.88 0.67 -14.25	53.08 0.31 -39.29	54.79 0.43 -35.66	69.04 0.37 -52.63	60.75 0.42 -41.38	57.55 0.18 -49.66	56.04 0.19 -47.73	52.58 0.12 -47.45	45.91 0.13 -39.99	42.67 0.09 -38.41
ALTONA_WT_PWR 323606	23.75 -0.83 -0.77	23.29 -0.84 -0.77	21.34 -0.75 -0.66	21.93 -0.48 -0.58	23.72 -0.50 -0.42	23.78 -0.21 -0.60	26.22 0.08 -0.52	25.14 0.22 -0.51	28.06 0.49 -0.34	28.09 0.44 -0.32	28.64 0.00 -0.24	30.31 -0.15 -0.14	29.78 -0.30 -0.20	28.18 -0.06 -0.31	27.55 0.11 -0.48	14.65 -0.16 -1.33	19.27 -0.64 -1.21	17.06 -0.77 -1.78	19.67 -0.68 -1.40	8.78 -0.61 -1.68	8.98 -0.75 -1.62	6.13 -0.49 -1.61	6.61 -0.53 -1.35	5.09 -0.38 -1.30
AMERICAN_REF_FUEL 24010	27.81 -0.93 -4.92	27.54 -0.75 -4.92	24.92 -0.75 -4.25	24.85 -0.72 -3.74	25.68 -0.81 -2.69	26.27 -0.96 -3.83	27.85 -1.13 -3.36	26.08 -1.56 -3.23	27.46 -1.96 -2.20	27.38 -1.99 -2.04	28.08 -1.85 -1.51	29.33 -1.88 -0.89	29.30 -1.85 -1.28	28.09 -1.81 -1.98	28.08 -1.97 -3.08	21.11 -0.88 -8.50	25.22 -1.20 -7.72	26.39 -1.04 -11.39	26.64 -1.27 -8.96	18.06 -0.40 -10.75	18.06 -0.39 -10.33	15.07 -0.21 -10.27	14.22 -0.22 -8.65	12.40 -0.08 -8.31
ARKWRIGHT___SUMMIT_WT_PWR 323751	28.88 -0.19 -5.26	28.54 -0.09 -5.27	25.82 -0.15 -4.54	25.70 -0.13 -4.00	26.54 -0.14 -2.87	27.19 -0.30 -4.10	28.82 -0.38 -3.59	27.23 -0.63 -3.45	28.57 -1.01 -2.35	28.45 -1.07 -2.18	29.23 -0.80 -1.62	30.42 -0.85 -0.95	30.41 -0.84 -1.37	29.09 -0.95 -2.11	29.07 -1.19 -3.30	21.99 -0.58 -9.09	26.11 -0.84 -8.25	27.50 -0.72 -12.18	27.67 -0.85 -9.57	18.93 -0.27 -11.49	18.92 -0.24 -11.04	15.87 -0.13 -10.98	14.93 -0.11 -9.25	13.04 -0.01 -8.89
ARTHUR_KILL_GT_1 23520	44.27 1.60 -18.86	43.74 1.50 -18.87	39.12 1.41 -16.29	37.60 1.44 -14.33	35.65 1.55 -10.30	39.57 1.47 -14.70	39.80 1.33 -12.86	38.10 1.32 -12.37	37.09 1.44 -8.42	36.73 1.58 -7.81	35.86 1.65 -5.80	35.45 1.73 -3.40	36.45 1.67 -4.90	37.09 1.59 -7.57	40.33 1.56 -11.81	46.78 0.73 -32.58	49.42 1.16 -29.57	60.66 0.98 -43.63	54.47 1.21 -34.31	49.41 0.52 -41.18	48.20 0.50 -39.58	44.70 0.34 -39.34	39.36 0.41 -33.16	36.29 0.28 -31.85
ARTHUR_KILL_2 23512	44.20 1.53 -18.86	43.66 1.43 -18.87	39.06 1.35 -16.29	37.54 1.38 -14.33	35.61 1.50 -10.30	39.52 1.43 -14.70	39.73 1.25 -12.86	38.03 1.24 -12.37	37.01 1.36 -8.42	36.64 1.50 -7.81	35.80 1.59 -5.80	35.36 1.64 -3.40	36.36 1.58 -4.90	37.01 1.51 -7.57	40.28 1.51 -11.81	46.74 0.69 -32.58	49.37 1.10 -29.57	60.61 0.93 -43.63	54.42 1.16 -34.31	49.38 0.49 -41.18	48.16 0.47 -39.58	44.68 0.32 -39.34	39.34 0.39 -33.16	36.28 0.26 -31.85
ARTHUR_KILL_3 23513	43.64 0.98 -18.85	43.12 0.89 -18.87	38.56 0.86 -16.28	37.00 0.85 -14.33	35.00 0.90 -10.29	38.97 0.89 -14.69	39.39 0.92 -12.86	37.83 1.05 -12.37	36.90 1.25 -8.42	36.48 1.34 -7.81	35.57 1.36 -5.80	35.15 1.43 -3.40	36.15 1.38 -4.90	36.81 1.31 -7.57	40.04 1.27 -11.81	46.63 0.58 -32.58	49.10 0.84 -29.56	60.37 0.69 -43.63	54.11 0.85 -34.31	49.26 0.37 -41.17	48.06 0.37 -39.57	44.60 0.25 -39.34	39.23 0.29 -33.16	36.18 0.17 -31.84
ARTHUR_KILL_COGEN 323718	44.27 1.60 -18.86	43.74 1.50 -18.87	39.12 1.41 -16.29	37.60 1.44 -14.33	35.65 1.55 -10.30	39.57 1.47 -14.70	39.80 1.33 -12.86	38.10 1.32 -12.37	37.09 1.44 -8.42	36.73 1.58 -7.81	35.86 1.65 -5.80	35.45 1.73 -3.40	36.45 1.67 -4.90	37.09 1.59 -7.57	40.33 1.56 -11.81	46.78 0.73 -32.58	49.42 1.16 -29.57	60.66 0.98 -43.63	54.47 1.21 -34.31	49.41 0.52 -41.18	48.20 0.50 -39.58	44.70 0.34 -39.34	39.36 0.41 -33.16	36.29 0.28 -31.85
ASHOKAN____ 23654	45.89 1.29 -20.79	45.45 1.28 -20.80	40.46 1.09 -17.95	38.74 1.11 -15.80	36.46 1.31 -11.35	40.83 1.24 -16.19	41.05 1.25 -14.17	39.08 1.03 -13.64	37.60 1.09 -9.28	36.87 0.93 -8.61	35.77 0.97 -6.40	34.98 0.91 -3.75	36.33 1.05 -5.41	37.25 0.98 -8.35	40.98 1.00 -13.02	49.99 0.59 -35.92	52.14 0.84 -32.60	64.99 0.83 -48.11	57.59 0.81 -37.83	53.47 0.36 -45.40	52.13 0.37 -43.63	48.60 0.20 -43.38	42.56 0.22 -36.56	39.43 0.15 -35.11

ASTORIA_EAST_ENERGY_CC1 323581	43.87 1.21 -18.84	43.34 1.12 -18.86	38.74 1.05 -16.27	37.19 1.05 -14.32	35.21 1.12 -10.28	39.03 0.96 -14.68	39.23 0.77 -12.85	37.63 0.85 -12.36	36.73 1.09 -8.41	36.33 1.20 -7.80	35.42 1.22 -5.79	34.96 1.24 -3.40	36.00 1.23 -4.90	36.64 1.15 -7.56	39.87 1.11 -11.81	46.53 0.48 -32.57	49.02 0.77 -29.56	60.31 0.64 -43.62	54.07 0.81 -34.30	49.23 0.35 -41.17	48.02 0.33 -39.57	44.57 0.22 -39.34	39.21 0.27 -33.15	36.19 0.18 -31.83
ASTORIA_EAST_ENERGY_CC2 323582	43.87 1.21 -18.84	43.34 1.12 -18.86	38.74 1.05 -16.27	37.19 1.05 -14.32	35.21 1.12 -10.28	39.03 0.96 -14.68	39.23 0.77 -12.85	37.63 0.85 -12.36	36.73 1.09 -8.41	36.33 1.20 -7.80	35.42 1.22 -5.79	34.96 1.24 -3.40	36.00 1.23 -4.90	36.64 1.15 -7.56	39.87 1.11 -11.81	46.53 0.48 -32.57	49.02 0.77 -29.56	60.31 0.64 -43.62	54.07 0.81 -34.30	49.23 0.35 -41.17	48.02 0.33 -39.57	44.57 0.22 -39.34	39.21 0.27 -33.15	36.19 0.18 -31.83
ASTORIA_GT2_1 24094	43.90 1.24 -18.85	43.35 1.12 -18.87	38.77 1.07 -16.28	37.20 1.05 -14.33	35.22 1.12 -10.29	39.04 0.96 -14.69	39.24 0.77 -12.86	37.66 0.88 -12.37	36.76 1.12 -8.42	36.34 1.20 -7.81	35.43 1.22 -5.80	35.00 1.27 -3.40	36.00 1.22 -4.90	36.64 1.15 -7.57	39.88 1.11 -11.81	46.56 0.50 -32.58	49.03 0.77 -29.57	60.32 0.64 -43.63	54.08 0.81 -34.31	49.24 0.35 -41.18	48.04 0.34 -39.58	44.58 0.22 -39.34	39.22 0.27 -33.16	36.19 0.18 -31.84
ASTORIA_GT2_2 24095	43.90 1.24 -18.85	43.35 1.12 -18.87	38.77 1.07 -16.28	37.20 1.05 -14.33	35.22 1.12 -10.29	39.04 0.96 -14.69	39.24 0.77 -12.86	37.66 0.88 -12.37	36.76 1.12 -8.42	36.34 1.20 -7.81	35.43 1.22 -5.80	35.00 1.27 -3.40	36.00 1.22 -4.90	36.64 1.15 -7.57	39.88 1.11 -11.81	46.56 0.50 -32.58	49.03 0.77 -29.57	60.32 0.64 -43.63	54.08 0.81 -34.31	49.24 0.35 -41.18	48.04 0.34 -39.58	44.58 0.22 -39.34	39.22 0.27 -33.16	36.19 0.18 -31.84
ASTORIA_GT2_3 24096	43.90 1.24 -18.85	43.35 1.12 -18.87	38.77 1.07 -16.28	37.20 1.05 -14.33	35.22 1.12 -10.29	39.04 0.96 -14.69	39.24 0.77 -12.86	37.66 0.88 -12.37	36.76 1.12 -8.42	36.34 1.20 -7.81	35.43 1.22 -5.80	35.00 1.27 -3.40	36.00 1.22 -4.90	36.64 1.15 -7.57	39.88 1.11 -11.81	46.56 0.50 -32.58	49.03 0.77 -29.57	60.32 0.64 -43.63	54.08 0.81 -34.31	49.24 0.35 -41.18	48.04 0.34 -39.58	44.58 0.22 -39.34	39.22 0.27 -33.16	36.19 0.18 -31.84
ASTORIA_GT2_4 24097	43.90 1.24 -18.85	43.35 1.12 -18.87	38.77 1.07 -16.28	37.20 1.05 -14.33	35.22 1.12 -10.29	39.04 0.96 -14.69	39.24 0.77 -12.86	37.66 0.88 -12.37	36.76 1.12 -8.42	36.34 1.20 -7.81	35.43 1.22 -5.80	35.00 1.27 -3.40	36.00 1.22 -4.90	36.64 1.15 -7.57	39.88 1.11 -11.81	46.56 0.50 -32.58	49.03 0.77 -29.57	60.32 0.64 -43.63	54.08 0.81 -34.31	49.24 0.35 -41.18	48.04 0.34 -39.58	44.58 0.22 -39.34	39.22 0.27 -33.16	36.19 0.18 -31.84
ASTORIA_GT3_1 24098	43.90 1.24 -18.85	43.35 1.12 -18.87	38.77 1.07 -16.28	37.20 1.05 -14.33	35.22 1.12 -10.29	39.04 0.96 -14.69	39.24 0.77 -12.86	37.66 0.88 -12.37	36.76 1.12 -8.42	36.34 1.20 -7.81	35.43 1.22 -5.80	35.00 1.27 -3.40	36.00 1.22 -4.90	36.64 1.15 -7.57	39.88 1.11 -11.81	46.56 0.50 -32.58	49.03 0.77 -29.57	60.32 0.64 -43.63	54.08 0.81 -34.31	49.24 0.35 -41.18	48.04 0.34 -39.58	44.58 0.22 -39.34	39.22 0.27 -33.16	36.19 0.18 -31.84
ASTORIA_GT3_2 24099	43.90 1.24 -18.85	43.35 1.12 -18.87	38.77 1.07 -16.28	37.20 1.05 -14.33	35.22 1.12 -10.29	39.04 0.96 -14.69	39.24 0.77 -12.86	37.66 0.88 -12.37	36.76 1.12 -8.42	36.34 1.20 -7.81	35.43 1.22 -5.80	35.00 1.27 -3.40	36.00 1.22 -4.90	36.64 1.15 -7.57	39.88 1.11 -11.81	46.56 0.50 -32.58	49.03 0.77 -29.57	60.32 0.64 -43.63	54.08 0.81 -34.31	49.24 0.35 -41.18	48.04 0.34 -39.58	44.58 0.22 -39.34	39.22 0.27 -33.16	36.19 0.18 -31.84
ASTORIA_GT3_3 24100	43.90 1.24 -18.85	43.35 1.12 -18.87	38.77 1.07 -16.28	37.20 1.05 -14.33	35.22 1.12 -10.29	39.04 0.96 -14.69	39.24 0.77 -12.86	37.66 0.88 -12.37	36.76 1.12 -8.42	36.34 1.20 -7.81	35.43 1.22 -5.80	35.00 1.27 -3.40	36.00 1.22 -4.90	36.64 1.15 -7.57	39.88 1.11 -11.81	46.56 0.50 -32.58	49.03 0.77 -29.57	60.32 0.64 -43.63	54.08 0.81 -34.31	49.24 0.35 -41.18	48.04 0.34 -39.58	44.58 0.22 -39.34	39.22 0.27 -33.16	36.19 0.18 -31.84
ASTORIA_GT3_4 24101	43.90 1.24 -18.85	43.35 1.12 -18.87	38.77 1.07 -16.28	37.20 1.05 -14.33	35.22 1.12 -10.29	39.04 0.96 -14.69	39.24 0.77 -12.86	37.66 0.88 -12.37	36.76 1.12 -8.42	36.34 1.20 -7.81	35.43 1.22 -5.80	35.00 1.27 -3.40	36.00 1.22 -4.90	36.64 1.15 -7.57	39.88 1.11 -11.81	46.56 0.50 -32.58	49.03 0.77 -29.57	60.32 0.64 -43.63	54.08 0.81 -34.31	49.24 0.35 -41.18	48.04 0.34 -39.58	44.58 0.22 -39.34	39.22 0.27 -33.16	36.19 0.18 -31.84
ASTORIA_GT4_1 24102	43.90 1.24 -18.85	43.35 1.12 -18.87	38.77 1.07 -16.28	37.20 1.05 -14.33	35.22 1.12 -10.29	39.04 0.96 -14.69	39.24 0.77 -12.86	37.66 0.88 -12.37	36.76 1.12 -8.42	36.34 1.20 -7.81	35.43 1.22 -5.80	35.00 1.27 -3.40	36.00 1.22 -4.90	36.64 1.15 -7.57	39.88 1.11 -11.81	46.56 0.50 -32.58	49.03 0.77 -29.57	60.32 0.64 -43.63	54.08 0.81 -34.31	49.24 0.35 -41.18	48.04 0.34 -39.58	44.58 0.22 -39.34	39.22 0.27 -33.16	36.19 0.18 -31.84
ASTORIA_GT4_2 24103	43.90 1.24 -18.85	43.35 1.12 -18.87	38.77 1.07 -16.28	37.20 1.05 -14.33	35.22 1.12 -10.29	39.04 0.96 -14.69	39.24 0.77 -12.86	37.66 0.88 -12.37	36.76 1.12 -8.42	36.34 1.20 -7.81	35.43 1.22 -5.80	35.00 1.27 -3.40	36.00 1.22 -4.90	36.64 1.15 -7.57	39.88 1.11 -11.81	46.56 0.50 -32.58	49.03 0.77 -29.57	60.32 0.64 -43.63	54.08 0.81 -34.31	49.24 0.35 -41.18	48.04 0.34 -39.58	44.58 0.22 -39.34	39.22 0.27 -33.16	36.19 0.18 -31.84
ASTORIA_GT4_3 24104	43.90 1.24 -18.85	43.35 1.12 -18.87	38.77 1.07 -16.28	37.20 1.05 -14.33	35.22 1.12 -10.29	39.04 0.96 -14.69	39.24 0.77 -12.86	37.66 0.88 -12.37	36.76 1.12 -8.42	36.34 1.20 -7.81	35.43 1.22 -5.80	35.00 1.27 -3.40	36.00 1.22 -4.90	36.64 1.15 -7.57	39.88 1.11 -11.81	46.56 0.50 -32.58	49.03 0.77 -29.57	60.32 0.64 -43.63	54.08 0.81 -34.31	49.24 0.35 -41.18	48.04 0.34 -39.58	44.58 0.22 -39.34	39.22 0.27 -33.16	36.19 0.18 -31.84
ASTORIA_GT4_4 24105	43.90 1.24 -18.85	43.35 1.12 -18.87	38.77 1.07 -16.28	37.20 1.05 -14.33	35.22 1.12 -10.29	39.04 0.96 -14.69	39.24 0.77 -12.86	37.66 0.88 -12.37	36.76 1.12 -8.42	36.34 1.20 -7.81	35.43 1.22 -5.80	35.00 1.27 -3.40	36.00 1.22 -4.90	36.64 1.15 -7.57	39.88 1.11 -11.81	46.56 0.50 -32.58	49.03 0.77 -29.57	60.32 0.64 -43.63	54.08 0.81 -34.31	49.24 0.35 -41.18	48.04 0.34 -39.58	44.58 0.22 -39.34	39.22 0.27 -33.16	36.19 0.18 -31.84
ASTORIA_GT_1 23523	43.92 1.26 -18.84	43.39 1.17 -18.86	38.78 1.09 -16.27	37.24 1.09 -14.32	35.26 1.17 -10.28	39.08 1.01 -14.68	39.28 0.82 -12.85	37.68 0.90 -12.36	36.81 1.17 -8.41	36.39 1.26 -7.80	35.48 1.28 -5.79	35.02 1.30 -3.40	36.05 1.28 -4.90	36.69 1.20 -7.56	39.92 1.16 -11.81	46.56 0.51 -32.57	49.08 0.82 -29.56	60.35 0.67 -43.62	54.11 0.85 -34.30	49.25 0.37 -41.17	48.04 0.36 -39.57	44.58 0.23 -39.34	39.22 0.28 -33.15	36.19 0.19 -31.83

ASTORIA_GT_10 24110	43.93 1.26 -18.85	43.40 1.17 -18.87	38.79 1.09 -16.28	37.25 1.09 -14.33	35.29 1.19 -10.29	39.18 1.10 -14.69	39.50 1.02 -12.86	37.88 1.10 -12.37	36.95 1.31 -8.42	36.56 1.42 -7.81	35.69 1.48 -5.80	35.27 1.55 -3.40	36.27 1.49 -4.90	36.90 1.40 -7.57	40.15 1.37 -11.81	46.68 0.62 -32.58	49.22 0.95 -29.57	60.48 0.80 -43.63	54.25 0.99 -34.31	49.31 0.42 -41.18	48.12 0.42 -39.58	44.63 0.27 -39.34	39.27 0.32 -33.16	36.22 0.21 -31.84
ASTORIA_GT_11 24225	43.93 1.26 -18.85	43.40 1.17 -18.87	38.79 1.09 -16.28	37.25 1.09 -14.33	35.29 1.19 -10.29	39.18 1.10 -14.69	39.50 1.02 -12.86	37.88 1.10 -12.37	36.95 1.31 -8.42	36.56 1.42 -7.81	35.69 1.48 -5.80	35.27 1.55 -3.40	36.27 1.49 -4.90	36.90 1.40 -7.57	40.15 1.37 -11.81	46.68 0.62 -32.58	49.22 0.95 -29.57	60.48 0.80 -43.63	54.25 0.99 -34.31	49.31 0.42 -41.18	48.12 0.42 -39.58	44.63 0.27 -39.34	39.27 0.32 -33.16	36.22 0.21 -31.84
ASTORIA_GT_12 24226	43.93 1.26 -18.85	43.40 1.17 -18.87	38.79 1.09 -16.28	37.25 1.09 -14.33	35.29 1.19 -10.29	39.18 1.10 -14.69	39.50 1.02 -12.86	37.88 1.10 -12.37	36.95 1.31 -8.42	36.56 1.42 -7.81	35.69 1.48 -5.80	35.27 1.55 -3.40	36.27 1.49 -4.90	36.90 1.40 -7.57	40.15 1.37 -11.81	46.68 0.62 -32.58	49.22 0.95 -29.57	60.48 0.80 -43.63	54.25 0.99 -34.31	49.31 0.42 -41.18	48.12 0.42 -39.58	44.63 0.27 -39.34	39.27 0.32 -33.16	36.22 0.21 -31.84
ASTORIA_GT_13 24227	43.93 1.26 -18.85	43.40 1.17 -18.87	38.79 1.09 -16.28	37.25 1.09 -14.33	35.29 1.19 -10.29	39.18 1.10 -14.69	39.50 1.02 -12.86	37.88 1.10 -12.37	36.95 1.31 -8.42	36.56 1.42 -7.81	35.69 1.48 -5.80	35.27 1.55 -3.40	36.27 1.49 -4.90	36.90 1.40 -7.57	40.15 1.37 -11.81	46.68 0.62 -32.58	49.22 0.95 -29.57	60.48 0.80 -43.63	54.25 0.99 -34.31	49.31 0.42 -41.18	48.12 0.42 -39.58	44.63 0.27 -39.34	39.27 0.32 -33.16	36.22 0.21 -31.84
ASTORIA_GT_5 24106	43.92 1.26 -18.84	43.39 1.17 -18.86	38.78 1.09 -16.27	37.24 1.09 -14.32	35.26 1.17 -10.28	39.08 1.01 -14.68	39.28 0.82 -12.85	37.68 0.90 -12.36	36.81 1.17 -8.41	36.39 1.26 -7.80	35.48 1.28 -5.79	35.02 1.30 -3.40	36.05 1.28 -4.90	36.69 1.20 -7.56	39.92 1.16 -11.81	46.56 0.51 -32.57	49.08 0.82 -29.56	60.35 0.67 -43.62	54.11 0.85 -34.30	49.25 0.37 -41.17	48.04 0.36 -39.57	44.58 0.23 -39.34	39.22 0.28 -33.15	36.19 0.19 -31.83
ASTORIA_GT_7 24107	43.92 1.26 -18.84	43.39 1.17 -18.86	38.78 1.09 -16.27	37.24 1.09 -14.32	35.26 1.17 -10.28	39.08 1.01 -14.68	39.28 0.82 -12.85	37.68 0.90 -12.36	36.81 1.17 -8.41	36.39 1.26 -7.80	35.48 1.28 -5.79	35.02 1.30 -3.40	36.05 1.28 -4.90	36.69 1.20 -7.56	39.92 1.16 -11.81	46.56 0.51 -32.57	49.08 0.82 -29.56	60.35 0.67 -43.62	54.11 0.85 -34.30	49.25 0.37 -41.17	48.04 0.36 -39.57	44.58 0.23 -39.34	39.22 0.28 -33.15	36.19 0.19 -31.83
ASTORIA_GT_8 24108	43.93 1.26 -18.85	43.40 1.17 -18.87	38.79 1.09 -16.28	37.25 1.09 -14.33	35.26 1.17 -10.29	39.09 1.01 -14.69	39.29 0.82 -12.86	37.69 0.90 -12.37	36.82 1.17 -8.42	36.40 1.26 -7.81	35.49 1.28 -5.80	35.03 1.30 -3.40	36.06 1.28 -4.90	36.70 1.20 -7.57	39.93 1.16 -11.81	46.57 0.51 -32.58	49.07 0.80 -29.57	60.35 0.67 -43.63	54.11 0.85 -34.31	49.26 0.37 -41.18	48.05 0.36 -39.58	44.59 0.23 -39.34	39.23 0.28 -33.16	36.20 0.19 -31.84
ASTORIA___2 24149	43.90 1.24 -18.84	43.34 1.12 -18.86	38.76 1.07 -16.27	37.19 1.05 -14.32	35.21 1.12 -10.28	39.03 0.96 -14.68	39.23 0.77 -12.85	37.65 0.88 -12.36	36.76 1.12 -8.41	36.33 1.20 -7.80	35.42 1.22 -5.79	34.99 1.27 -3.40	36.00 1.23 -4.90	36.64 1.15 -7.56	39.87 1.11 -11.81	46.55 0.50 -32.57	49.04 0.79 -29.56	60.31 0.64 -43.62	54.07 0.81 -34.30	49.24 0.35 -41.17	48.03 0.34 -39.57	44.57 0.22 -39.34	39.21 0.27 -33.15	36.19 0.18 -31.83
ASTORIA___3 23516	43.93 1.26 -18.85	43.40 1.17 -18.87	38.79 1.09 -16.28	37.25 1.09 -14.33	35.29 1.19 -10.29	39.18 1.10 -14.69	39.50 1.03 -12.86	37.88 1.10 -12.37	36.95 1.31 -8.42	36.56 1.42 -7.81	35.69 1.48 -5.80	35.27 1.55 -3.40	36.27 1.49 -4.90	36.90 1.40 -7.57	40.15 1.37 -11.81	46.68 0.62 -32.58	49.24 0.97 -29.57	60.48 0.80 -43.63	54.25 0.98 -34.31	49.31 0.42 -41.18	48.12 0.42 -39.58	44.63 0.27 -39.34	39.27 0.32 -33.16	36.22 0.21 -31.84
ASTORIA___4 23517	43.93 1.26 -18.85	43.40 1.17 -18.87	38.79 1.09 -16.28	37.25 1.09 -14.33	35.29 1.19 -10.29	39.18 1.10 -14.69	39.50 1.02 -12.86	37.88 1.10 -12.37	36.95 1.31 -8.42	36.56 1.42 -7.81	35.69 1.48 -5.80	35.27 1.55 -3.40	36.27 1.49 -4.90	36.90 1.40 -7.57	40.15 1.37 -11.81	46.68 0.62 -32.58	49.22 0.95 -29.57	60.48 0.80 -43.63	54.25 0.99 -34.31	49.31 0.42 -41.18	48.12 0.42 -39.58	44.63 0.27 -39.34	39.27 0.32 -33.16	36.22 0.21 -31.84
ASTORIA___5 23518	43.93 1.26 -18.85	43.40 1.17 -18.87	38.79 1.09 -16.28	37.25 1.09 -14.33	35.29 1.19 -10.29	39.18 1.10 -14.69	39.50 1.03 -12.86	37.88 1.10 -12.37	36.95 1.31 -8.42	36.56 1.42 -7.81	35.69 1.48 -5.80	35.27 1.55 -3.40	36.27 1.49 -4.90	36.90 1.40 -7.57	40.15 1.37 -11.81	46.68 0.62 -32.58	49.24 0.97 -29.57	60.48 0.80 -43.63	54.25 0.98 -34.31	49.31 0.42 -41.18	48.12 0.42 -39.58	44.63 0.27 -39.34	39.27 0.32 -33.16	36.22 0.21 -31.84
AST_ENERGY_2_CC3 323677	43.71 1.05 -18.85	43.19 0.96 -18.87	38.62 0.92 -16.28	37.09 0.94 -14.33	35.10 1.00 -10.29	39.04 0.96 -14.69	39.45 0.97 -12.86	37.88 1.10 -12.37	36.93 1.28 -8.42	36.51 1.37 -7.81	35.60 1.39 -5.80	35.18 1.46 -3.40	36.21 1.43 -4.90	36.84 1.34 -7.57	40.06 1.29 -11.81	46.65 0.59 -32.58	49.14 0.88 -29.56	60.40 0.72 -43.63	54.15 0.89 -34.31	49.27 0.39 -41.17	48.08 0.39 -39.57	44.61 0.26 -39.34	39.24 0.30 -33.16	36.19 0.18 -31.84
AST_ENERGY_2_CC4 323678	43.71 1.05 -18.85	43.19 0.96 -18.87	38.62 0.92 -16.28	37.09 0.94 -14.33	35.10 1.00 -10.29	39.04 0.96 -14.69	39.45 0.97 -12.86	37.88 1.10 -12.37	36.93 1.28 -8.42	36.51 1.37 -7.81	35.60 1.39 -5.80	35.18 1.46 -3.40	36.21 1.43 -4.90	36.84 1.34 -7.57	40.06 1.29 -11.81	46.65 0.59 -32.58	49.14 0.88 -29.56	60.40 0.72 -43.63	54.15 0.89 -34.31	49.27 0.39 -41.17	48.08 0.39 -39.57	44.61 0.26 -39.34	39.24 0.30 -33.16	36.19 0.18 -31.84
ATHENS_STG_1 23668	45.28 0.64 -20.82	44.83 0.63 -20.84	39.98 0.58 -17.98	38.24 0.59 -15.82	35.82 0.64 -11.37	40.25 0.63 -16.22	40.48 0.66 -14.20	38.74 0.66 -13.67	37.29 0.76 -9.30	36.75 0.79 -8.62	35.64 0.82 -6.41	34.96 0.88 -3.76	36.16 0.87 -5.42	37.10 0.81 -8.36	40.79 0.78 -13.05	49.83 0.36 -35.99	51.86 0.51 -32.66	64.66 0.42 -48.19	57.36 0.51 -37.90	53.41 0.22 -45.48	52.06 0.23 -43.71	48.62 0.15 -43.46	42.58 0.17 -36.63	39.45 0.11 -35.17
ATHENS_STG_2 23670	45.28 0.64 -20.82	44.83 0.63 -20.84	39.98 0.58 -17.98	38.24 0.59 -15.82	35.82 0.64 -11.37	40.25 0.63 -16.22	40.48 0.66 -14.20	38.74 0.66 -13.67	37.29 0.76 -9.30	36.75 0.79 -8.62	35.64 0.82 -6.41	34.96 0.88 -3.76	36.16 0.87 -5.42	37.10 0.81 -8.36	40.79 0.78 -13.05	49.83 0.36 -35.99	51.86 0.51 -32.66	64.66 0.42 -48.19	57.36 0.51 -37.90	53.41 0.22 -45.48	52.06 0.23 -43.71	48.62 0.15 -43.46	42.58 0.17 -36.63	39.45 0.11 -35.17

ATHENS_STG_3 23677	45.28 0.64 -20.82	44.83 0.63 -20.84	39.98 0.58 -17.98	38.24 0.59 -15.82	35.82 0.64 -11.37	40.25 0.63 -16.22	40.48 0.66 -14.20	38.74 0.66 -13.67	37.29 0.76 -9.30	36.75 0.79 -8.62	35.64 0.82 -6.41	34.96 0.88 -3.76	36.16 0.87 -5.42	37.10 0.81 -8.36	40.79 0.78 -13.05	49.83 0.36 -35.99	51.86 0.51 -32.66	64.66 0.42 -48.19	57.36 0.51 -37.90	53.41 0.22 -45.48	52.06 0.23 -43.71	48.62 0.15 -43.46	42.58 0.17 -36.63	39.45 0.11 -35.17
AUBURN____LFGE 323710	28.34 0.17 -4.36	27.87 0.14 -4.37	25.32 0.13 -3.77	25.25 0.11 -3.31	26.33 0.14 -2.38	26.93 0.14 -3.40	28.75 0.15 -2.97	27.44 0.17 -2.86	29.28 0.11 -1.95	29.22 0.08 -1.81	29.86 0.11 -1.34	31.29 0.18 -0.79	31.22 0.21 -1.13	29.87 0.20 -1.75	29.88 0.19 -2.73	21.15 0.13 -7.54	25.78 0.24 -6.84	26.42 0.27 -10.10	27.31 0.42 -7.94	17.38 0.14 -9.53	17.42 0.15 -9.16	14.20 0.08 -9.10	13.53 0.08 -7.67	11.59 0.06 -7.37
BABYLON_RES_REC 323704	44.75 2.07 -18.86	44.18 1.94 -18.88	39.51 1.80 -16.29	37.98 1.81 -14.34	36.06 1.95 -10.30	40.03 1.94 -14.70	40.56 2.07 -12.87	38.87 2.07 -12.38	38.02 2.37 -8.43	37.53 2.38 -7.82	40.90 2.39 -10.11	41.73 2.49 -8.92	47.39 2.45 -15.07	47.69 2.29 -17.48	50.86 2.24 -21.67	55.12 1.11 -40.53	72.17 1.65 -51.82	82.28 1.40 -64.84	75.13 1.78 -54.40	66.82 0.71 -58.39	55.60 0.71 -46.77	50.47 0.44 -45.01	39.51 0.54 -33.18	36.38 0.36 -31.86
BABYLON__69_KV_BK2 356345	45.10 2.43 -18.86	44.50 2.27 -18.87	39.80 2.10 -16.28	38.27 2.12 -14.33	36.39 2.29 -10.29	40.35 2.27 -14.69	40.91 2.43 -12.86	39.23 2.44 -12.37	38.43 2.78 -8.42	37.97 2.82 -7.82	41.33 2.81 -10.11	42.22 2.97 -8.92	47.87 2.93 -15.07	48.14 2.74 -17.48	51.30 2.67 -21.67	55.35 1.33 -40.53	72.48 1.96 -51.82	82.57 1.68 -64.84	75.45 2.10 -54.40	66.95 0.84 -58.40	55.74 0.85 -46.77	50.55 0.52 -45.01	39.60 0.64 -33.18	36.43 0.42 -31.85
BALL_HILL_WT_PWR 323825	28.66 -0.36 -5.20	28.36 -0.21 -5.21	25.66 -0.26 -4.49	25.56 -0.22 -3.95	26.38 -0.26 -2.84	27.05 -0.40 -4.05	28.68 -0.49 -3.55	27.04 -0.78 -3.41	28.38 -1.17 -2.32	28.26 -1.23 -2.15	29.01 -1.00 -1.60	30.23 -1.03 -0.94	30.21 -1.02 -1.35	28.96 -1.06 -2.09	29.01 -1.21 -3.26	21.94 -0.53 -8.99	26.15 -0.71 -8.16	27.46 -0.63 -12.04	27.66 -0.76 -9.47	18.87 -0.21 -11.36	18.85 -0.19 -10.92	15.78 -0.09 -10.86	14.85 -0.08 -9.15	12.96 0.00 -8.79
BARON_WINDS____WT_PWR 323822	29.99 -0.07 -6.24	29.59 -0.02 -6.25	26.77 -0.04 -5.39	26.55 -0.02 -4.75	27.19 -0.02 -3.41	28.17 -0.09 -4.86	29.72 -0.15 -4.26	28.19 -0.32 -4.10	29.44 -0.57 -2.79	29.26 -0.66 -2.59	29.82 -0.51 -1.92	30.93 -0.52 -1.13	30.96 -0.54 -1.62	29.85 -0.59 -2.51	30.17 -0.70 -3.91	23.98 -0.28 -10.79	28.12 -0.37 -9.79	30.16 -0.34 -14.45	29.86 -0.46 -11.36	21.24 -0.12 -13.64	21.13 -0.10 -13.11	17.99 -0.06 -13.03	16.72 -0.05 -10.98	14.71 0.00 -10.55
BARRETT_IC_1 23704	44.37 1.69 -18.86	43.85 1.61 -18.88	39.21 1.50 -16.29	37.69 1.53 -14.34	35.75 1.64 -10.30	39.71 1.61 -14.70	40.20 1.72 -12.87	38.53 1.73 -12.38	37.64 1.99 -8.43	37.13 1.97 -7.82	40.48 1.96 -10.11	41.31 2.06 -8.92	46.94 2.00 -15.07	47.27 1.87 -17.48	50.38 1.75 -21.67	54.85 0.84 -40.53	71.73 1.21 -51.82	81.89 1.01 -64.83	74.65 1.31 -54.40	66.63 0.52 -58.39	55.42 0.54 -46.77	50.38 0.36 -45.01	39.41 0.45 -33.18	36.32 0.30 -31.86
BARRETT_IC_10 23701	44.37 1.69 -18.86	43.85 1.61 -18.88	39.21 1.50 -16.29	37.69 1.53 -14.34	35.75 1.64 -10.30	39.71 1.61 -14.70	40.20 1.72 -12.87	38.53 1.73 -12.38	37.64 1.99 -8.43	37.13 1.97 -7.82	40.48 1.96 -10.11	41.31 2.06 -8.92	46.94 2.00 -15.07	47.27 1.87 -17.48	50.38 1.75 -21.67	54.85 0.84 -40.53	71.73 1.21 -51.82	81.89 1.01 -64.83	74.65 1.31 -54.40	66.63 0.52 -58.39	55.42 0.54 -46.77	50.38 0.36 -45.01	39.41 0.45 -33.18	36.32 0.30 -31.86
BARRETT_IC_11 23702	44.37 1.69 -18.86	43.85 1.61 -18.88	39.21 1.50 -16.29	37.69 1.53 -14.34	35.75 1.64 -10.30	39.71 1.61 -14.70	40.20 1.72 -12.87	38.53 1.73 -12.38	37.64 1.99 -8.43	37.13 1.97 -7.82	40.48 1.96 -10.11	41.31 2.06 -8.92	46.94 2.00 -15.07	47.27 1.87 -17.48	50.38 1.75 -21.67	54.85 0.84 -40.53	71.73 1.21 -51.82	81.89 1.01 -64.83	74.65 1.31 -54.40	66.63 0.52 -58.39	55.42 0.54 -46.77	50.38 0.36 -45.01	39.41 0.45 -33.18	36.32 0.30 -31.86
BARRETT_IC_12 23703	44.37 1.69 -18.86	43.85 1.61 -18.88	39.21 1.50 -16.29	37.69 1.53 -14.34	35.75 1.64 -10.30	39.71 1.61 -14.70	40.20 1.72 -12.87	38.53 1.73 -12.38	37.64 1.99 -8.43	37.13 1.97 -7.82	40.48 1.96 -10.11	41.31 2.06 -8.92	46.94 2.00 -15.07	47.27 1.87 -17.48	50.38 1.75 -21.67	54.85 0.84 -40.53	71.73 1.21 -51.82	81.89 1.01 -64.83	74.65 1.31 -54.40	66.63 0.52 -58.39	55.42 0.54 -46.77	50.38 0.36 -45.01	39.41 0.45 -33.18	36.32 0.30 -31.86
BARRETT_IC_2 23705	44.37 1.69 -18.86	43.85 1.61 -18.88	39.21 1.50 -16.29	37.69 1.53 -14.34	35.75 1.64 -10.30	39.71 1.61 -14.70	40.20 1.72 -12.87	38.53 1.73 -12.38	37.64 1.99 -8.43	37.13 1.97 -7.82	40.48 1.96 -10.11	41.31 2.06 -8.92	46.94 2.00 -15.07	47.27 1.87 -17.48	50.38 1.75 -21.67	54.85 0.84 -40.53	71.73 1.21 -51.82	81.89 1.01 -64.83	74.65 1.31 -54.40	66.63 0.52 -58.39	55.42 0.54 -46.77	50.38 0.36 -45.01	39.41 0.45 -33.18	36.32 0.30 -31.86
BARRETT_IC_3 23706	44.37 1.69 -18.86	43.85 1.61 -18.88	39.21 1.50 -16.29	37.69 1.53 -14.34	35.75 1.64 -10.30	39.71 1.61 -14.70	40.20 1.72 -12.87	38.53 1.73 -12.38	37.64 1.99 -8.43	37.13 1.97 -7.82	40.48 1.96 -10.11	41.31 2.06 -8.92	46.94 2.00 -15.07	47.27 1.87 -17.48	50.38 1.75 -21.67	54.85 0.84 -40.53	71.73 1.21 -51.82	81.89 1.01 -64.83	74.65 1.31 -54.40	66.63 0.52 -58.39	55.42 0.54 -46.77	50.38 0.36 -45.01	39.41 0.45 -33.18	36.32 0.30 -31.86
BARRETT_IC_4 23707	44.37 1.69 -18.86	43.85 1.61 -18.88	39.21 1.50 -16.29	37.69 1.53 -14.34	35.75 1.64 -10.30	39.71 1.61 -14.70	40.20 1.72 -12.87	38.53 1.73 -12.38	37.64 1.99 -8.43	37.13 1.97 -7.82	40.48 1.96 -10.11	41.31 2.06 -8.92	46.94 2.00 -15.07	47.27 1.87 -17.48	50.38 1.75 -21.67	54.85 0.84 -40.53	71.73 1.21 -51.82	81.89 1.01 -64.83	74.65 1.31 -54.40	66.63 0.52 -58.39	55.42 0.54 -46.77	50.38 0.36 -45.01	39.41 0.45 -33.18	36.32 0.30 -31.86
BARRETT_IC_5 23708	44.37 1.69 -18.86	43.85 1.61 -18.88	39.21 1.50 -16.29	37.69 1.53 -14.34	35.75 1.64 -10.30	39.71 1.61 -14.70	40.20 1.72 -12.87	38.53 1.73 -12.38	37.64 1.99 -8.43	37.13 1.97 -7.82	40.48 1.96 -10.11	41.31 2.06 -8.92	46.94 2.00 -15.07	47.27 1.87 -17.48	50.38 1.75 -21.67	54.85 0.84 -40.53	71.73 1.21 -51.82	81.89 1.01 -64.83	74.65 1.31 -54.40	66.63 0.52 -58.39	55.42 0.54 -46.77	50.38 0.36 -45.01	39.41 0.45 -33.18	36.32 0.30 -31.86
BARRETT_IC_6 23709	44.37 1.69 -18.86	43.85 1.61 -18.88	39.21 1.50 -16.29	37.69 1.53 -14.34	35.75 1.64 -10.30	39.71 1.61 -14.70	40.20 1.72 -12.87	38.53 1.73 -12.38	37.64 1.99 -8.43	37.13 1.97 -7.82	40.48 1.96 -10.11	41.31 2.06 -8.92	46.94 2.00 -15.07	47.27 1.87 -17.48	50.38 1.75 -21.67	54.85 0.84 -40.53	71.73 1.21 -51.82	81.89 1.01 -64.83	74.65 1.31 -54.40	66.63 0.52 -58.39	55.42 0.54 -46.77	50.38 0.36 -45.01	39.41 0.45 -33.18	36.32 0.30 -31.86

BARRETT_IC_7 23710	44.36 1.69 -18.86	43.85 1.61 -18.87	39.20 1.50 -16.28	37.66 1.51 -14.33	35.74 1.64 -10.29	39.70 1.61 -14.69	40.19 1.72 -12.86	38.52 1.73 -12.37	37.64 1.99 -8.42	37.12 1.97 -7.82	40.48 1.96 -10.11	41.31 2.06 -8.92	46.94 2.00 -15.07	47.27 1.87 -17.48	50.38 1.75 -21.67	54.85 0.84 -40.53	71.73 1.22 -51.82	81.89 1.01 -64.83	74.62 1.27 -54.40	66.63 0.53 -58.39	55.42 0.54 -46.77	50.38 0.36 -45.01	39.41 0.45 -33.18	36.32 0.30 -31.85
BARRETT_IC_8 23711	44.37 1.69 -18.86	43.85 1.61 -18.88	39.21 1.50 -16.29	37.69 1.53 -14.34	35.75 1.64 -10.30	39.71 1.61 -14.70	40.20 1.72 -12.87	38.53 1.73 -12.38	37.64 1.99 -8.43	37.13 1.97 -7.82	40.48 1.96 -10.11	41.31 2.06 -8.92	46.94 2.00 -15.07	47.27 1.87 -17.48	50.38 1.75 -21.67	54.85 0.84 -40.53	71.73 1.21 -51.82	81.89 1.01 -64.83	74.65 1.31 -54.40	66.63 0.52 -58.39	55.42 0.54 -46.77	50.38 0.36 -45.01	39.41 0.45 -33.18	36.32 0.30 -31.86
BARRETT_IC_9 23700	44.37 1.69 -18.86	43.85 1.61 -18.88	39.21 1.50 -16.29	37.69 1.53 -14.34	35.75 1.64 -10.30	39.71 1.61 -14.70	40.20 1.72 -12.87	38.53 1.73 -12.38	37.64 1.99 -8.43	37.13 1.97 -7.82	40.48 1.96 -10.11	41.31 2.06 -8.92	46.94 2.00 -15.07	47.27 1.87 -17.48	50.38 1.75 -21.67	54.85 0.84 -40.53	71.73 1.21 -51.82	81.89 1.01 -64.83	74.65 1.31 -54.40	66.63 0.52 -58.39	55.42 0.54 -46.77	50.38 0.36 -45.01	39.41 0.45 -33.18	36.32 0.30 -31.86
BARRETT___1 23545	44.37 1.69 -18.86	43.85 1.61 -18.88	39.21 1.50 -16.29	37.69 1.53 -14.34	35.75 1.64 -10.30	39.71 1.61 -14.70	40.20 1.72 -12.87	38.53 1.73 -12.38	37.64 1.99 -8.43	37.13 1.97 -7.82	40.48 1.96 -10.11	41.31 2.06 -8.92	46.94 2.00 -15.07	47.27 1.87 -17.48	50.38 1.75 -21.67	54.85 0.84 -40.53	71.73 1.21 -51.82	81.89 1.01 -64.83	74.65 1.31 -54.40	66.63 0.52 -58.39	55.42 0.54 -46.77	50.38 0.36 -45.01	39.41 0.45 -33.18	36.32 0.30 -31.86
BARRETT___2 23546	44.37 1.69 -18.86	43.85 1.61 -18.88	39.21 1.50 -16.29	37.69 1.53 -14.34	35.75 1.64 -10.30	39.71 1.61 -14.70	40.20 1.72 -12.87	38.53 1.73 -12.38	37.64 1.99 -8.43	37.13 1.97 -7.82	40.48 1.96 -10.11	41.31 2.06 -8.92	46.94 2.00 -15.07	47.27 1.87 -17.48	50.38 1.75 -21.67	54.85 0.84 -40.53	71.73 1.21 -51.82	81.89 1.01 -64.83	74.65 1.31 -54.40	66.63 0.52 -58.39	55.42 0.54 -46.77	50.38 0.36 -45.01	39.41 0.45 -33.18	36.32 0.30 -31.86
BATAVIA___115KV_TB1 55881	28.53 0.00 -4.72	28.23 0.14 -4.72	25.54 0.04 -4.08	25.48 0.07 -3.59	26.41 0.02 -2.58	26.93 -0.14 -3.68	28.68 -0.15 -3.22	27.02 -0.49 -3.10	28.55 -0.79 -2.11	28.47 -0.82 -1.95	29.21 -0.65 -1.45	30.48 -0.70 -0.85	30.48 -0.63 -1.23	29.18 -0.78 -1.90	29.13 -0.31 -2.96	21.33 -0.36 -8.16	25.75 -0.36 -7.40	26.73 -0.24 -10.93	27.20 -0.34 -8.59	17.98 -0.05 -10.31	18.02 -0.01 -9.91	14.86 0.00 -9.85	14.09 0.00 -8.30	12.21 0.07 -7.97
BAYONEEC___CTG1 323682	43.74 1.07 -18.85	43.21 0.98 -18.87	38.64 0.94 -16.28	37.09 0.94 -14.33	35.10 1.00 -10.29	39.06 0.98 -14.69	39.50 1.03 -12.86	37.91 1.12 -12.37	36.98 1.33 -8.42	36.56 1.42 -7.81	35.66 1.45 -5.80	35.24 1.52 -3.40	36.27 1.49 -4.90	36.90 1.40 -7.57	40.12 1.35 -11.81	46.67 0.62 -32.58	49.18 0.92 -29.56	60.43 0.75 -43.63	54.17 0.91 -34.31	49.29 0.40 -41.17	48.10 0.41 -39.57	44.62 0.26 -39.34	39.25 0.31 -33.16	36.20 0.19 -31.84
BAYONEEC___CTG10 323750	43.74 1.07 -18.85	43.21 0.98 -18.87	38.64 0.94 -16.28	37.09 0.94 -14.33	35.10 1.00 -10.29	39.06 0.98 -14.69	39.50 1.03 -12.86	37.91 1.12 -12.37	36.98 1.33 -8.42	36.56 1.42 -7.81	35.66 1.45 -5.80	35.24 1.52 -3.40	36.27 1.49 -4.90	36.90 1.40 -7.57	40.12 1.35 -11.81	46.67 0.62 -32.58	49.18 0.92 -29.56	60.43 0.75 -43.63	54.17 0.91 -34.31	49.29 0.40 -41.17	48.10 0.41 -39.57	44.62 0.26 -39.34	39.25 0.31 -33.16	36.20 0.19 -31.84
BAYONEEC___CTG2 323683	43.74 1.07 -18.85	43.21 0.98 -18.87	38.64 0.94 -16.28	37.09 0.94 -14.33	35.10 1.00 -10.29	39.06 0.98 -14.69	39.50 1.03 -12.86	37.91 1.12 -12.37	36.98 1.33 -8.42	36.56 1.42 -7.81	35.66 1.45 -5.80	35.24 1.52 -3.40	36.27 1.49 -4.90	36.90 1.40 -7.57	40.12 1.35 -11.81	46.67 0.62 -32.58	49.18 0.92 -29.56	60.43 0.75 -43.63	54.17 0.91 -34.31	49.29 0.40 -41.17	48.10 0.41 -39.57	44.62 0.26 -39.34	39.25 0.31 -33.16	36.20 0.19 -31.84
BAYONEEC___CTG3 323684	43.74 1.07 -18.85	43.21 0.98 -18.87	38.64 0.94 -16.28	37.09 0.94 -14.33	35.10 1.00 -10.29	39.06 0.98 -14.69	39.50 1.03 -12.86	37.91 1.12 -12.37	36.98 1.33 -8.42	36.56 1.42 -7.81	35.66 1.45 -5.80	35.24 1.52 -3.40	36.27 1.49 -4.90	36.90 1.40 -7.57	40.12 1.35 -11.81	46.67 0.62 -32.58	49.18 0.92 -29.56	60.43 0.75 -43.63	54.17 0.91 -34.31	49.29 0.40 -41.17	48.10 0.41 -39.57	44.62 0.26 -39.34	39.25 0.31 -33.16	36.20 0.19 -31.84
BAYONEEC___CTG4 323685	43.74 1.07 -18.85	43.21 0.98 -18.87	38.64 0.94 -16.28	37.09 0.94 -14.33	35.10 1.00 -10.29	39.06 0.98 -14.69	39.50 1.03 -12.86	37.91 1.12 -12.37	36.98 1.33 -8.42	36.56 1.42 -7.81	35.66 1.45 -5.80	35.24 1.52 -3.40	36.27 1.49 -4.90	36.90 1.40 -7.57	40.12 1.35 -11.81	46.67 0.62 -32.58	49.18 0.92 -29.56	60.43 0.75 -43.63	54.17 0.91 -34.31	49.29 0.40 -41.17	48.10 0.41 -39.57	44.62 0.26 -39.34	39.25 0.31 -33.16	36.20 0.19 -31.84
BAYONEEC___CTG5 323686	43.74 1.07 -18.85	43.21 0.98 -18.87	38.64 0.94 -16.28	37.09 0.94 -14.33	35.10 1.00 -10.29	39.06 0.98 -14.69	39.50 1.03 -12.86	37.91 1.12 -12.37	36.98 1.33 -8.42	36.56 1.42 -7.81	35.66 1.45 -5.80	35.24 1.52 -3.40	36.27 1.49 -4.90	36.90 1.40 -7.57	40.12 1.35 -11.81	46.67 0.62 -32.58	49.18 0.92 -29.56	60.43 0.75 -43.63	54.17 0.91 -34.31	49.29 0.40 -41.17	48.10 0.41 -39.57	44.62 0.26 -39.34	39.25 0.31 -33.16	36.20 0.19 -31.84
BAYONEEC___CTG6 323687	43.74 1.07 -18.85	43.21 0.98 -18.87	38.64 0.94 -16.28	37.09 0.94 -14.33	35.10 1.00 -10.29	39.06 0.98 -14.69	39.50 1.03 -12.86	37.91 1.12 -12.37	36.98 1.33 -8.42	36.56 1.42 -7.81	35.66 1.45 -5.80	35.24 1.52 -3.40	36.27 1.49 -4.90	36.90 1.40 -7.57	40.12 1.35 -11.81	46.67 0.62 -32.58	49.18 0.92 -29.56	60.43 0.75 -43.63	54.17 0.91 -34.31	49.29 0.40 -41.17	48.10 0.41 -39.57	44.62 0.26 -39.34	39.25 0.31 -33.16	36.20 0.19 -31.84
BAYONEEC___CTG7 323688	43.74 1.07 -18.85	43.21 0.98 -18.87	38.64 0.94 -16.28	37.09 0.94 -14.33	35.10 1.00 -10.29	39.06 0.98 -14.69	39.50 1.03 -12.86	37.91 1.12 -12.37	36.98 1.33 -8.42	36.56 1.42 -7.81	35.66 1.45 -5.80	35.24 1.52 -3.40	36.27 1.49 -4.90	36.90 1.40 -7.57	40.12 1.35 -11.81	46.67 0.62 -32.58	49.18 0.92 -29.56	60.43 0.75 -43.63	54.17 0.91 -34.31	49.29 0.40 -41.17	48.10 0.41 -39.57	44.62 0.26 -39.34	39.25 0.31 -33.16	36.20 0.19 -31.84
BAYONEEC___CTG8 323689	43.74 1.07 -18.85	43.21 0.98 -18.87	38.64 0.94 -16.28	37.09 0.94 -14.33	35.10 1.00 -10.29	39.06 0.98 -14.69	39.50 1.03 -12.86	37.91 1.12 -12.37	36.98 1.33 -8.42	36.56 1.42 -7.81	35.66 1.45 -5.80	35.24 1.52 -3.40	36.27 1.49 -4.90	36.90 1.40 -7.57	40.12 1.35 -11.81	46.67 0.62 -32.58	49.18 0.92 -29.56	60.43 0.75 -43.63	54.17 0.91 -34.31	49.29 0.40 -41.17	48.10 0.41 -39.57	44.62 0.26 -39.34	39.25 0.31 -33.16	36.20 0.19 -31.84

BAYONEEC___CTG9 323749	43.74 1.07 -18.85	43.21 0.98 -18.87	38.64 0.94 -16.28	37.09 0.94 -14.33	35.10 1.00 -10.29	39.06 0.98 -14.69	39.50 1.03 -12.86	37.91 1.12 -12.37	36.98 1.33 -8.42	36.56 1.42 -7.81	35.66 1.45 -5.80	35.24 1.52 -3.40	36.27 1.49 -4.90	36.90 1.40 -7.57	40.12 1.35 -11.81	46.67 0.62 -32.58	49.18 0.92 -29.56	60.43 0.75 -43.63	54.17 0.91 -34.31	49.29 0.40 -41.17	48.10 0.41 -39.57	44.62 0.26 -39.34	39.25 0.31 -33.16	36.20 0.19 -31.84
BEACON___LESR 323632	47.19 0.67 -22.71	46.79 0.70 -22.72	41.63 0.60 -19.61	39.67 0.59 -17.26	36.87 0.67 -12.40	41.74 0.65 -17.69	41.90 0.80 -15.48	40.02 0.71 -14.90	38.24 0.87 -10.14	37.61 0.87 -9.40	36.36 0.97 -6.99	35.42 1.00 -4.10	36.71 0.93 -5.91	37.86 0.81 -9.12	41.97 0.78 -14.23	53.10 0.38 -39.24	54.81 0.51 -35.61	69.07 0.47 -52.55	60.79 0.51 -41.32	57.52 0.21 -49.60	56.00 0.21 -47.67	52.53 0.13 -47.39	45.86 0.13 -39.94	42.60 0.08 -38.35
BEAVER RIVER___HYD 24048	25.15 -0.40 -1.74	24.71 -0.40 -1.74	22.58 -0.34 -1.50	22.85 -0.31 -1.32	24.42 -0.33 -0.95	24.52 -0.23 -1.36	26.63 -0.18 -1.19	25.55 0.00 -1.14	28.00 0.00 -0.78	27.97 -0.08 -0.72	28.54 -0.40 -0.54	30.12 -0.52 -0.31	29.70 -0.63 -0.45	28.21 -0.42 -0.70	27.73 -0.32 -1.09	16.29 -0.20 -3.01	21.11 -0.32 -2.73	19.84 -0.24 -4.03	21.89 -0.23 -3.17	11.32 -0.20 -3.80	11.53 -0.24 -3.66	8.49 -0.16 -3.64	8.68 -0.17 -3.06	6.99 -0.12 -2.94
BEEBEE_GT_13 23619	28.18 0.00 -4.37	27.83 0.09 -4.37	25.21 0.02 -3.77	25.17 0.02 -3.32	26.17 -0.02 -2.38	26.68 -0.12 -3.40	28.49 -0.10 -2.98	26.96 -0.32 -2.87	28.63 -0.54 -1.95	28.60 -0.55 -1.81	29.32 -0.43 -1.34	30.68 -0.42 -0.79	30.65 -0.36 -1.14	29.32 -0.36 -1.75	29.26 -0.43 -2.74	20.86 -0.16 -7.55	25.38 -0.17 -6.85	26.06 -0.10 -10.11	26.77 -0.13 -7.95	17.25 0.00 -9.54	17.31 0.02 -9.17	14.14 0.02 -9.11	13.48 0.01 -7.68	11.59 0.05 -7.38
BENSHRST_27_KV_BENSHRST_1 355998	44.20 1.52 -18.86	43.66 1.43 -18.87	39.04 1.33 -16.29	37.49 1.33 -14.33	35.53 1.43 -10.30	39.47 1.38 -14.70	39.73 1.26 -12.86	38.08 1.29 -12.37	37.14 1.50 -8.42	36.78 1.64 -7.81	35.94 1.73 -5.80	35.51 1.79 -3.40	36.54 1.76 -4.90	37.15 1.65 -7.57	40.42 1.64 -11.81	46.81 0.75 -32.58	49.42 1.16 -29.57	60.67 0.99 -43.63	54.47 1.21 -34.31	49.41 0.52 -41.18	48.21 0.51 -39.58	44.69 0.33 -39.34	39.34 0.39 -33.16	36.28 0.26 -31.85
BETHLEHEM___GRP 23843	46.81 0.26 -22.73	46.37 0.26 -22.75	41.29 0.24 -19.63	39.34 0.24 -17.27	36.48 0.26 -12.41	41.36 0.26 -17.71	41.45 0.33 -15.50	39.57 0.24 -14.92	37.73 0.35 -10.15	37.10 0.36 -9.41	35.83 0.43 -7.00	34.94 0.52 -4.10	36.24 0.45 -5.91	37.39 0.34 -9.13	41.50 0.30 -14.24	52.88 0.12 -39.28	54.51 0.17 -35.65	68.80 0.14 -52.61	60.49 0.17 -41.37	57.42 0.06 -49.65	55.90 0.06 -47.72	52.49 0.04 -47.44	45.81 0.04 -39.98	42.58 0.02 -38.39
BETHLEHEM___GS1 323560	46.81 0.26 -22.73	46.37 0.26 -22.75	41.29 0.24 -19.63	39.34 0.24 -17.27	36.48 0.26 -12.41	41.36 0.26 -17.71	41.45 0.33 -15.50	39.57 0.24 -14.92	37.73 0.35 -10.15	37.10 0.36 -9.41	35.83 0.43 -7.00	34.94 0.51 -4.10	36.24 0.45 -5.91	37.39 0.34 -9.13	41.50 0.30 -14.24	52.88 0.12 -39.28	54.51 0.17 -35.65	68.80 0.14 -52.61	60.49 0.17 -41.37	57.42 0.06 -49.65	55.90 0.06 -47.72	52.49 0.04 -47.44	45.81 0.04 -39.98	42.58 0.02 -38.39
BETHLEHEM___GS2 323561	46.81 0.26 -22.73	46.37 0.26 -22.75	41.29 0.24 -19.63	39.34 0.24 -17.27	36.48 0.26 -12.41	41.36 0.26 -17.71	41.45 0.33 -15.50	39.57 0.24 -14.92	37.73 0.35 -10.15	37.10 0.36 -9.41	35.83 0.43 -7.00	34.94 0.51 -4.10	36.24 0.45 -5.91	37.39 0.34 -9.13	41.50 0.30 -14.24	52.88 0.12 -39.28	54.51 0.17 -35.65	68.80 0.14 -52.61	60.49 0.17 -41.37	57.42 0.06 -49.65	55.90 0.06 -47.72	52.49 0.04 -47.44	45.81 0.04 -39.98	42.58 0.02 -38.39
BETHLEHEM___GS3 323562	46.81 0.26 -22.73	46.37 0.26 -22.75	41.29 0.24 -19.63	39.34 0.24 -17.27	36.48 0.26 -12.41	41.36 0.26 -17.71	41.45 0.33 -15.50	39.57 0.24 -14.92	37.73 0.35 -10.15	37.10 0.36 -9.41	35.83 0.43 -7.00	34.94 0.51 -4.10	36.24 0.45 -5.91	37.39 0.34 -9.13	41.50 0.30 -14.24	52.88 0.12 -39.28	54.51 0.17 -35.65	68.80 0.14 -52.61	60.49 0.17 -41.37	57.42 0.06 -49.65	55.90 0.06 -47.72	52.49 0.04 -47.44	45.81 0.04 -39.98	42.58 0.02 -38.39
BETHLEHEM___STEEL 23779	28.50 -0.43 -5.11	28.20 -0.28 -5.12	25.52 -0.32 -4.42	25.43 -0.28 -3.89	26.29 -0.31 -2.79	26.91 -0.47 -3.98	28.54 -0.56 -3.49	26.84 -0.93 -3.36	28.23 -1.28 -2.28	28.11 -1.34 -2.12	28.84 -1.14 -1.57	30.09 -1.15 -0.92	30.07 -1.14 -1.33	28.81 -1.17 -2.05	28.87 -1.29 -3.20	21.76 -0.55 -8.84	25.97 -0.75 -8.02	27.22 -0.66 -11.83	27.44 -0.81 -9.31	18.66 -0.22 -11.17	18.65 -0.20 -10.73	15.58 -0.11 -10.67	14.68 -0.10 -8.99	12.80 -0.01 -8.64
BETHLHEM_115KV_TB1 79974	46.84 0.31 -22.72	46.43 0.33 -22.74	41.34 0.30 -19.62	39.40 0.31 -17.26	36.54 0.33 -12.40	41.42 0.33 -17.70	41.49 0.38 -15.49	39.64 0.32 -14.91	37.78 0.41 -10.15	37.18 0.44 -9.41	35.88 0.48 -6.99	35.00 0.58 -4.10	36.29 0.51 -5.91	37.47 0.42 -9.13	41.57 0.38 -14.24	52.90 0.16 -39.26	54.55 0.22 -35.63	68.82 0.19 -52.58	60.52 0.23 -41.35	57.42 0.08 -49.62	55.90 0.09 -47.69	52.49 0.06 -47.41	45.80 0.06 -39.96	42.58 0.03 -38.37
BETHPAGE_CC_5 323564	44.56 1.88 -18.86	44.02 1.77 -18.88	39.34 1.63 -16.29	37.82 1.66 -14.34	35.89 1.79 -10.30	39.87 1.78 -14.70	40.38 1.90 -12.87	38.70 1.91 -12.38	37.84 2.18 -8.43	37.34 2.19 -7.82	40.70 2.19 -10.11	41.52 2.28 -8.92	47.15 2.21 -15.07	47.50 2.10 -17.48	50.65 2.02 -21.67	54.99 0.98 -40.53	71.98 1.46 -51.82	82.11 1.22 -64.84	74.88 1.53 -54.40	66.73 0.62 -58.39	55.52 0.63 -46.77	50.42 0.40 -45.01	39.46 0.50 -33.18	36.35 0.33 -31.86
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	28.51 -0.45 -5.14	28.19 -0.33 -5.15	25.50 -0.36 -4.44	25.43 -0.31 -3.91	26.26 -0.36 -2.81	26.89 -0.51 -4.01	28.51 -0.61 -3.51	26.86 -0.93 -3.38	28.22 -1.31 -2.30	28.10 -1.37 -2.13	28.85 -1.14 -1.58	30.10 -1.15 -0.93	30.05 -1.17 -1.34	28.82 -1.17 -2.07	28.89 -1.29 -3.22	21.80 -0.57 -8.89	26.00 -0.77 -8.07	27.28 -0.67 -11.91	27.48 -0.83 -9.36	18.71 -0.24 -11.24	18.70 -0.22 -10.80	15.63 -0.12 -10.73	14.72 -0.11 -9.05	12.84 -0.02 -8.69
BINGHAMTON___COGEN 23790	32.11 0.17 -8.13	31.69 0.19 -8.14	28.62 0.17 -7.02	28.16 0.15 -6.18	28.44 0.19 -4.44	29.87 0.14 -6.34	31.29 0.13 -5.55	29.85 0.10 -5.34	30.89 0.03 -3.63	30.67 -0.03 -3.37	30.97 0.06 -2.50	31.85 0.06 -1.47	32.08 0.09 -2.12	31.25 0.06 -3.27	32.05 0.00 -5.10	27.57 0.04 -14.06	31.55 0.09 -12.75	34.97 0.10 -18.82	33.83 0.08 -14.80	25.55 0.07 -17.76	25.28 0.09 -17.07	22.05 0.06 -16.97	20.15 0.06 -14.31	17.96 0.05 -13.74
BIXINCNT_115KV_LOAD 355685	28.50 -0.60 -5.28	28.12 -0.54 -5.29	25.45 -0.54 -4.56	25.36 -0.48 -4.02	26.17 -0.52 -2.88	26.86 -0.66 -4.12	28.48 -0.74 -3.60	26.93 -0.95 -3.47	28.25 -1.33 -2.36	28.07 -1.45 -2.19	28.93 -1.11 -1.63	30.12 -1.15 -0.95	29.94 -1.31 -1.37	28.71 -1.34 -2.12	28.81 -1.46 -3.31	21.94 -0.67 -9.13	25.88 -1.10 -8.29	27.22 -1.06 -12.23	27.28 -1.29 -9.62	18.81 -0.45 -11.54	18.76 -0.45 -11.09	15.78 -0.27 -11.02	14.82 -0.26 -9.29	12.96 -0.13 -8.92

BLACK RIVER___HYD 24047	25.80 -0.31 -2.30	25.38 -0.28 -2.30	23.17 -0.24 -1.98	23.33 -0.24 -1.74	24.82 -0.24 -1.25	25.02 -0.16 -1.79	27.03 -0.15 -1.57	25.99 0.07 -1.51	28.25 0.00 -1.03	28.18 -0.11 -0.95	28.77 -0.34 -0.71	30.28 -0.45 -0.41	29.88 -0.60 -0.60	28.46 -0.39 -0.92	28.10 -0.30 -1.44	17.31 -0.13 -3.97	22.15 -0.15 -3.60	21.31 -0.05 -5.31	23.13 0.00 -4.18	12.64 -0.08 -5.01	12.82 -0.11 -4.82	9.72 -0.09 -4.79	9.72 -0.10 -4.04	7.98 -0.06 -3.88
BLACKRVR_115KV_TB2 79977	25.80 -0.31 -2.30	25.38 -0.28 -2.30	23.17 -0.24 -1.98	23.33 -0.24 -1.74	24.80 -0.26 -1.25	25.02 -0.16 -1.79	27.03 -0.15 -1.57	25.99 0.07 -1.51	28.25 0.00 -1.03	28.20 -0.08 -0.95	28.77 -0.34 -0.71	30.28 -0.45 -0.41	29.88 -0.60 -0.60	28.46 -0.39 -0.92	28.10 -0.30 -1.44	17.31 -0.13 -3.97	22.15 -0.15 -3.60	21.31 -0.05 -5.31	23.13 0.00 -4.18	12.64 -0.08 -5.01	12.82 -0.11 -4.82	9.72 -0.09 -4.79	9.72 -0.10 -4.04	7.98 -0.06 -3.88
BLISS_WT_PWR 323608	28.46 -0.64 -5.28	28.07 -0.58 -5.29	25.41 -0.58 -4.56	25.32 -0.52 -4.02	26.12 -0.57 -2.88	26.81 -0.70 -4.12	28.43 -0.79 -3.60	26.88 -1.00 -3.47	28.23 -1.36 -2.36	28.02 -1.50 -2.19	28.90 -1.14 -1.63	30.09 -1.18 -0.95	29.88 -1.37 -1.37	28.65 -1.40 -2.12	28.76 -1.51 -3.31	21.91 -0.70 -9.13	25.77 -1.22 -8.29	27.09 -1.19 -12.23	27.15 -1.42 -9.62	18.74 -0.52 -11.54	18.69 -0.52 -11.09	15.73 -0.31 -11.02	14.77 -0.31 -9.29	12.93 -0.16 -8.92
BLUESTONE___WT_PWR 323821	33.61 1.33 -8.46	33.19 1.35 -8.47	29.99 1.26 -7.31	29.50 1.24 -6.43	29.78 1.36 -4.62	31.32 1.33 -6.59	32.79 1.41 -5.77	31.48 1.51 -5.55	32.58 1.58 -3.78	32.37 1.53 -3.50	32.57 1.56 -2.60	33.45 1.61 -1.53	33.60 1.52 -2.20	32.78 1.45 -3.40	33.66 1.40 -5.30	28.84 0.74 -14.62	33.09 1.12 -13.27	36.64 1.01 -19.58	35.48 1.14 -15.40	26.64 0.45 -18.48	26.36 0.49 -17.76	22.95 0.28 -17.65	20.99 0.33 -14.88	18.71 0.25 -14.29
BLUE_CIRC_CHEM_DRP 24182	46.99 0.52 -22.65	46.54 0.51 -22.66	41.45 0.47 -19.56	39.52 0.48 -17.21	36.69 0.52 -12.36	41.55 0.51 -17.64	41.62 0.56 -15.44	39.79 0.51 -14.86	37.94 0.60 -10.12	37.34 0.63 -9.38	36.03 0.65 -6.97	35.14 0.73 -4.09	36.45 0.69 -5.89	37.64 0.61 -9.10	41.74 0.59 -14.19	52.89 0.27 -39.14	54.59 0.37 -35.52	68.78 0.32 -52.42	60.53 0.36 -41.22	57.33 0.15 -49.47	55.82 0.16 -47.54	52.38 0.10 -47.26	45.74 0.12 -39.83	42.50 0.08 -38.25
BOC_GAS_DRP 24189	46.94 0.48 -22.65	46.53 0.49 -22.67	41.43 0.45 -19.56	39.50 0.46 -17.22	36.67 0.50 -12.37	41.54 0.49 -17.65	41.60 0.54 -15.45	39.74 0.46 -14.87	37.92 0.57 -10.12	37.29 0.57 -9.38	36.00 0.62 -6.97	35.11 0.70 -4.09	36.43 0.66 -5.89	37.61 0.59 -9.10	41.72 0.57 -14.20	52.88 0.26 -39.15	54.58 0.36 -35.53	68.78 0.30 -52.43	60.52 0.34 -41.23	57.34 0.15 -49.48	55.83 0.15 -47.56	52.40 0.10 -47.28	45.75 0.12 -39.85	42.51 0.08 -38.26
BOONVILLE_115KV_TB1 79983	25.49 0.24 -1.43	25.03 0.23 -1.44	22.89 0.24 -1.24	23.16 0.24 -1.09	24.85 0.26 -0.78	24.82 0.30 -1.12	26.95 0.36 -0.98	25.82 0.46 -0.94	28.38 0.52 -0.64	28.42 0.49 -0.59	29.22 0.37 -0.44	30.91 0.33 -0.26	30.49 0.24 -0.37	28.78 0.28 -0.58	28.18 0.32 -0.90	16.10 0.15 -2.48	21.15 0.21 -2.25	19.56 0.19 -3.32	21.77 0.21 -2.61	10.89 0.05 -3.13	11.16 0.03 -3.01	8.02 0.01 -2.99	8.33 0.02 -2.52	6.61 0.02 -2.42
BORALEX_4TH_BRANCH 23824	47.66 1.21 -22.63	47.23 1.21 -22.65	42.08 1.11 -19.55	40.19 1.16 -17.20	37.42 1.26 -12.36	42.25 1.22 -17.63	42.38 1.33 -15.43	40.51 1.24 -14.85	38.81 1.47 -10.11	38.16 1.45 -9.37	36.85 1.48 -6.97	36.01 1.61 -4.09	37.35 1.58 -5.89	38.53 1.51 -9.09	42.57 1.43 -14.18	53.28 0.69 -39.11	55.20 1.01 -35.50	69.28 0.85 -52.38	61.11 0.97 -41.19	57.55 0.40 -49.44	56.04 0.41 -47.51	52.50 0.25 -47.24	45.89 0.30 -39.81	42.61 0.21 -38.23
BOWLINE___1 23526	43.12 0.95 -18.35	42.61 0.89 -18.36	38.08 0.81 -15.84	36.60 0.83 -13.94	34.73 0.90 -10.02	38.58 0.89 -14.29	39.05 0.92 -12.51	37.43 0.98 -12.04	36.54 1.12 -8.20	36.08 1.15 -7.60	35.27 1.22 -5.65	34.91 1.27 -3.31	35.93 1.28 -4.77	36.50 1.20 -7.37	39.59 1.13 -11.50	45.74 0.55 -31.71	48.29 0.82 -28.77	59.19 0.67 -42.46	53.17 0.83 -33.39	48.15 0.36 -40.07	47.01 0.37 -38.52	43.54 0.24 -38.29	38.33 0.28 -32.27	35.32 0.17 -30.99
BOWLINE___2 23595	43.12 0.95 -18.35	42.62 0.89 -18.36	38.08 0.81 -15.85	36.60 0.83 -13.94	34.73 0.90 -10.02	38.58 0.89 -14.29	39.05 0.92 -12.51	37.43 0.98 -12.04	36.54 1.12 -8.20	36.08 1.15 -7.60	35.28 1.22 -5.65	34.91 1.27 -3.31	35.93 1.28 -4.77	36.50 1.20 -7.37	39.59 1.13 -11.50	45.74 0.55 -31.71	48.30 0.82 -28.78	59.19 0.67 -42.47	53.18 0.83 -33.39	48.15 0.36 -40.08	47.01 0.37 -38.52	43.55 0.24 -38.29	38.34 0.28 -32.27	35.33 0.17 -30.99
BRADY___115KV_TB2 356060	24.09 -0.62 -0.89	23.63 -0.63 -0.89	21.61 -0.58 -0.77	22.16 -0.35 -0.68	23.89 -0.40 -0.49	23.93 -0.16 -0.70	26.30 0.08 -0.61	25.24 0.24 -0.59	28.09 0.46 -0.40	28.09 0.38 -0.37	28.37 -0.31 -0.28	29.97 -0.52 -0.16	29.45 -0.66 -0.23	28.01 -0.28 -0.36	27.46 -0.05 -0.56	14.79 -0.23 -1.54	19.45 -0.65 -1.40	17.41 -0.71 -2.07	19.95 -0.63 -1.63	9.12 -0.54 -1.95	9.35 -0.65 -1.88	6.49 -0.40 -1.87	6.94 -0.42 -1.57	5.39 -0.29 -1.51
BRANSCOMB___SOLAR 323811	48.39 1.31 -23.27	47.98 1.33 -23.28	42.69 1.18 -20.09	40.71 1.20 -17.68	37.77 1.26 -12.70	42.76 1.24 -18.13	42.89 1.41 -15.87	41.00 1.32 -15.27	39.09 1.47 -10.39	38.39 1.42 -9.63	37.04 1.48 -7.16	36.04 1.52 -4.20	37.48 1.55 -6.05	38.70 1.42 -9.35	42.94 1.40 -14.58	54.22 0.54 -40.21	55.93 0.75 -36.49	70.60 0.71 -53.85	62.09 0.80 -42.34	58.84 0.31 -50.82	57.27 0.31 -48.84	53.75 0.18 -48.55	46.91 0.20 -40.92	43.66 0.20 -39.30
BRENTWOD_69_KV_W. BRTWOOD 56703	45.05 2.38 -18.86	44.48 2.24 -18.87	39.78 2.08 -16.28	38.25 2.10 -14.33	36.36 2.26 -10.29	40.33 2.25 -14.69	40.88 2.41 -12.86	39.20 2.42 -12.37	38.40 2.75 -8.42	37.94 2.79 -7.82	41.27 2.76 -10.11	42.16 2.91 -8.92	47.78 2.84 -15.07	48.08 2.68 -17.48	51.22 2.59 -21.67	55.32 1.31 -40.53	72.43 1.91 -51.82	82.54 1.65 -64.84	75.41 2.07 -54.40	66.93 0.82 -58.40	55.70 0.82 -46.77	50.53 0.51 -45.01	39.59 0.62 -33.18	36.43 0.41 -31.85
BRISTLHL_115KV_TB1 79998	26.88 -0.31 -3.38	26.42 -0.33 -3.38	24.04 -0.30 -2.92	24.07 -0.33 -2.57	25.32 -0.33 -1.85	25.70 -0.33 -2.63	27.54 -0.38 -2.31	26.26 -0.37 -2.22	28.27 -0.46 -1.51	28.27 -0.46 -1.40	28.99 -0.45 -1.04	30.48 -0.45 -0.61	30.34 -0.42 -0.88	28.89 -0.39 -1.36	28.70 -0.38 -2.12	19.17 -0.15 -5.84	23.83 -0.17 -5.30	23.76 -0.11 -7.82	24.91 -0.19 -6.15	15.05 -0.05 -7.38	15.17 -0.04 -7.10	12.04 -0.03 -7.05	11.68 -0.05 -5.95	9.85 -0.03 -5.71
BROOKHAVEN___DRP 24191	45.07 2.41 -18.86	44.48 2.24 -18.87	39.78 2.08 -16.28	38.25 2.10 -14.33	36.36 2.26 -10.29	40.33 2.25 -14.69	40.91 2.43 -12.86	39.23 2.44 -12.37	38.45 2.80 -8.42	38.00 2.84 -7.82	41.33 2.81 -10.11	42.22 2.97 -8.92	47.90 2.96 -15.07	48.17 2.76 -17.48	51.32 2.70 -21.67	55.36 1.35 -40.53	72.49 1.96 -51.82	82.61 1.72 -64.84	75.55 2.20 -54.40	66.95 0.84 -58.40	55.73 0.84 -46.77	50.54 0.52 -45.01	39.60 0.64 -33.18	36.43 0.41 -31.85

BROOKLYN_NAVY_YARD 23515	43.67 1.00 -18.85	43.14 0.91 -18.87	38.56 0.86 -16.28	37.03 0.87 -14.33	35.03 0.93 -10.29	39.02 0.94 -14.69	39.42 0.95 -12.86	37.86 1.07 -12.37	36.93 1.28 -8.42	36.51 1.37 -7.81	35.57 1.36 -5.80	35.15 1.43 -3.40	36.18 1.40 -4.90	36.81 1.31 -7.57	40.04 1.27 -11.81	46.63 0.58 -32.58	49.14 0.88 -29.56	60.40 0.72 -43.63	54.15 0.89 -34.31	49.27 0.39 -41.17	48.07 0.38 -39.57	44.60 0.25 -39.34	39.24 0.30 -33.16	36.18 0.18 -31.84
BROOKLYN___ARMY_DRP 323595	44.10 1.43 -18.86	43.57 1.33 -18.87	38.97 1.26 -16.29	37.43 1.27 -14.33	35.46 1.36 -10.30	39.38 1.29 -14.70	39.65 1.18 -12.86	38.00 1.22 -12.37	37.06 1.42 -8.42	36.67 1.53 -7.81	35.83 1.62 -5.80	35.39 1.67 -3.40	36.42 1.64 -4.90	37.04 1.54 -7.57	40.28 1.51 -11.81	46.76 0.70 -32.58	49.35 1.08 -29.57	60.61 0.93 -43.63	54.40 1.14 -34.31	49.37 0.49 -41.18	48.16 0.47 -39.58	44.67 0.31 -39.34	39.31 0.37 -33.16	36.26 0.24 -31.85
BROOKVLE_69_KV_TB1 55790	44.31 1.64 -18.86	43.78 1.54 -18.87	39.16 1.46 -16.28	37.62 1.46 -14.33	35.67 1.57 -10.29	39.65 1.57 -14.69	40.14 1.67 -12.86	38.47 1.68 -12.37	37.58 1.93 -8.42	37.12 1.97 -7.82	40.53 2.02 -10.11	41.37 2.12 -8.92	47.06 2.12 -15.07	47.39 1.98 -17.48	50.52 1.89 -21.67	54.93 0.92 -40.53	71.83 1.31 -51.82	81.99 1.11 -64.84	74.71 1.36 -54.40	66.67 0.57 -58.39	55.48 0.59 -46.77	50.40 0.38 -45.01	39.41 0.45 -33.18	36.30 0.29 -31.85
BROOME_2_LFGE 323671	32.12 0.17 -8.13	31.69 0.19 -8.14	28.61 0.17 -7.02	28.16 0.15 -6.18	28.44 0.19 -4.44	29.87 0.14 -6.34	31.29 0.13 -5.55	29.85 0.10 -5.34	30.89 0.03 -3.63	30.67 -0.03 -3.37	30.97 0.06 -2.50	31.85 0.06 -1.47	32.08 0.09 -2.12	31.25 0.06 -3.27	32.05 0.00 -5.10	27.57 0.04 -14.06	31.55 0.09 -12.75	34.97 0.10 -18.82	33.83 0.08 -14.80	25.55 0.07 -17.76	25.28 0.09 -17.07	22.05 0.06 -16.97	20.15 0.06 -14.31	17.96 0.05 -13.74
BROOME___LFGE 323600	32.12 0.17 -8.13	31.69 0.19 -8.14	28.61 0.17 -7.02	28.16 0.15 -6.18	28.44 0.19 -4.44	29.87 0.14 -6.34	31.29 0.13 -5.55	29.85 0.10 -5.34	30.89 0.03 -3.63	30.67 -0.03 -3.37	30.97 0.06 -2.50	31.85 0.06 -1.47	32.08 0.09 -2.12	31.25 0.06 -3.27	32.05 0.00 -5.10	27.57 0.04 -14.06	31.55 0.09 -12.75	34.97 0.10 -18.82	33.83 0.08 -14.80	25.55 0.07 -17.76	25.28 0.09 -17.07	22.05 0.06 -16.97	20.15 0.06 -14.31	17.96 0.05 -13.74
BROWNFLS_115KV_TB_3_5 80003	24.53 -0.69 -1.40	24.07 -0.70 -1.41	21.99 -0.64 -1.21	22.37 -0.52 -1.07	24.00 -0.57 -0.77	24.09 -0.40 -1.09	26.27 -0.31 -0.96	25.21 -0.12 -0.92	27.83 -0.03 -0.63	27.81 -0.11 -0.58	28.24 -0.60 -0.43	29.82 -0.76 -0.25	29.34 -0.90 -0.37	27.91 -0.59 -0.56	27.35 -0.49 -0.88	15.56 -0.35 -2.43	20.23 -0.67 -2.20	18.67 -0.63 -3.25	20.90 -0.61 -2.56	10.35 -0.43 -3.07	10.57 -0.50 -2.95	7.64 -0.31 -2.93	7.93 -0.32 -2.47	6.32 -0.23 -2.37
BROWNSV1_27_KV_LOAD 356125	43.93 1.26 -18.85	43.40 1.17 -18.87	38.79 1.09 -16.28	37.24 1.09 -14.33	35.29 1.19 -10.29	39.25 1.17 -14.69	39.68 1.20 -12.86	38.08 1.29 -12.37	37.17 1.52 -8.42	36.75 1.61 -7.81	35.89 1.68 -5.80	35.48 1.76 -3.40	36.51 1.73 -4.90	37.12 1.62 -7.57	40.33 1.56 -11.81	46.78 0.73 -32.58	49.33 1.07 -29.56	60.58 0.90 -43.63	54.36 1.10 -34.31	49.36 0.47 -41.17	48.16 0.47 -39.57	44.66 0.31 -39.34	39.30 0.36 -33.16	36.23 0.22 -31.84
BURROWS___LYONSDAL 23803	25.40 0.10 -1.49	24.98 0.12 -1.50	22.82 0.11 -1.29	23.10 0.13 -1.14	24.76 0.14 -0.82	24.75 0.19 -1.16	26.87 0.23 -1.02	25.76 0.37 -0.98	28.30 0.41 -0.67	28.31 0.36 -0.62	29.07 0.20 -0.46	30.74 0.15 -0.27	30.29 0.03 -0.39	28.67 0.14 -0.60	28.08 0.19 -0.94	16.13 0.07 -2.58	21.14 0.09 -2.34	19.62 0.11 -3.46	21.78 0.11 -2.72	10.98 0.00 -3.26	11.23 -0.02 -3.14	8.11 -0.03 -3.12	8.39 -0.02 -2.63	6.69 0.00 -2.52
CAITHNESS_CC_1 323624	45.01 2.34 -18.86	44.42 2.17 -18.88	39.72 2.01 -16.29	38.20 2.03 -14.34	36.30 2.19 -10.30	40.27 2.18 -14.70	40.84 2.36 -12.87	39.16 2.37 -12.38	38.35 2.70 -8.43	37.89 2.73 -7.82	41.22 2.70 -10.11	42.13 2.88 -8.92	47.78 2.84 -15.07	48.06 2.65 -17.48	51.22 2.59 -21.67	55.31 1.29 -40.53	72.43 1.91 -51.82	82.53 1.64 -64.84	75.43 2.08 -54.40	66.92 0.81 -58.40	55.70 0.81 -46.77	50.52 0.50 -45.01	39.58 0.61 -33.18	36.42 0.40 -31.86
CALPINE BETH_PAGE_GT4 24209	44.46 1.79 -18.86	43.92 1.68 -18.87	39.27 1.56 -16.28	37.73 1.57 -14.33	35.81 1.71 -10.29	39.77 1.68 -14.69	40.27 1.79 -12.86	38.59 1.81 -12.37	37.75 2.10 -8.42	37.26 2.10 -7.82	40.62 2.10 -10.11	41.34 2.09 -8.92	47.00 2.06 -15.07	47.36 1.95 -17.48	50.52 1.89 -21.67	54.91 0.90 -40.53	71.87 1.35 -51.82	82.03 1.14 -64.84	74.79 1.44 -54.40	66.69 0.59 -58.39	55.48 0.59 -46.77	50.40 0.37 -45.01	39.44 0.47 -33.18	36.33 0.31 -31.85
CALPINE_BETH_PAGE_GT_4 323586	44.46 1.79 -18.86	43.93 1.68 -18.88	39.27 1.56 -16.29	37.74 1.57 -14.34	35.82 1.71 -10.30	39.78 1.69 -14.70	40.28 1.79 -12.87	38.60 1.81 -12.38	37.75 2.10 -8.43	37.26 2.10 -7.82	40.62 2.10 -10.11	41.33 2.09 -8.92	47.00 2.06 -15.07	47.36 1.95 -17.48	50.52 1.89 -21.67	54.91 0.90 -40.53	71.88 1.36 -51.82	82.03 1.14 -64.84	74.79 1.44 -54.40	66.69 0.59 -58.39	55.48 0.59 -46.77	50.40 0.37 -45.01	39.44 0.47 -33.18	36.34 0.31 -31.86
CALPINE_BP_GT1 23823	44.46 1.79 -18.86	43.93 1.68 -18.88	39.27 1.56 -16.29	37.74 1.57 -14.34	35.82 1.71 -10.30	39.78 1.69 -14.70	40.28 1.79 -12.87	38.60 1.81 -12.38	37.75 2.10 -8.43	37.26 2.10 -7.82	40.62 2.10 -10.11	41.33 2.09 -8.92	47.00 2.06 -15.07	47.36 1.95 -17.48	50.52 1.89 -21.67	54.91 0.90 -40.53	71.88 1.36 -51.82	82.03 1.14 -64.84	74.79 1.44 -54.40	66.69 0.59 -58.39	55.48 0.59 -46.77	50.40 0.37 -45.01	39.44 0.47 -33.18	36.34 0.31 -31.86
CALSPAN___DRP 24200	28.50 -0.43 -5.11	28.20 -0.28 -5.12	25.52 -0.32 -4.42	25.43 -0.28 -3.89	26.29 -0.31 -2.79	26.91 -0.47 -3.98	28.54 -0.56 -3.49	26.84 -0.93 -3.36	28.23 -1.28 -2.28	28.11 -1.34 -2.12	28.84 -1.14 -1.57	30.09 -1.15 -0.92	30.07 -1.14 -1.33	28.81 -1.17 -2.05	28.87 -1.29 -3.20	21.76 -0.55 -8.84	25.97 -0.75 -8.02	27.22 -0.66 -11.83	27.44 -0.81 -9.31	18.66 -0.22 -11.17	18.65 -0.20 -10.73	15.58 -0.11 -10.67	14.68 -0.10 -8.99	12.80 -0.01 -8.64
CALVERTON___SOLAR 323806	45.18 2.50 -18.86	44.58 2.34 -18.88	39.87 2.16 -16.29	38.35 2.18 -14.34	36.47 2.36 -10.30	40.43 2.34 -14.70	41.02 2.54 -12.87	39.33 2.54 -12.38	38.57 2.91 -8.43	38.11 2.95 -7.82	41.44 2.93 -10.11	42.37 3.12 -8.92	48.02 3.08 -15.07	48.28 2.88 -17.48	51.43 2.80 -21.67	55.41 1.40 -40.53	72.60 2.08 -51.82	82.69 1.80 -64.84	75.64 2.29 -54.40	66.99 0.88 -58.40	55.77 0.89 -46.77	50.56 0.54 -45.01	39.62 0.66 -33.18	36.45 0.43 -31.86
CANDIGU_WT_PWR 323617	29.99 -0.07 -6.24	29.59 -0.02 -6.25	26.77 -0.04 -5.39	26.55 -0.02 -4.75	27.19 -0.02 -3.41	28.17 -0.09 -4.86	29.72 -0.15 -4.26	28.19 -0.32 -4.10	29.44 -0.57 -2.79	29.26 -0.66 -2.59	29.82 -0.51 -1.92	30.93 -0.52 -1.13	30.96 -0.54 -1.62	29.85 -0.59 -2.51	30.17 -0.70 -3.91	23.98 -0.28 -10.79	28.12 -0.37 -9.79	30.16 -0.34 -14.45	29.86 -0.46 -11.36	21.24 -0.12 -13.64	21.13 -0.10 -13.11	17.99 -0.06 -13.03	16.72 -0.05 -10.98	14.71 0.00 -10.55

CARR STREET_E_SYR 24060	27.31 -0.14 -3.64	26.85 -0.16 -3.64	24.42 -0.15 -3.14	24.42 -0.18 -2.77	25.63 -0.17 -1.99	26.07 -0.16 -2.84	27.89 -0.21 -2.48	26.58 -0.22 -2.39	28.55 -0.30 -1.63	28.54 -0.30 -1.51	29.24 -0.28 -1.12	30.70 -0.27 -0.66	30.61 -0.21 -0.95	29.17 -0.22 -1.46	29.02 -0.22 -2.28	19.70 -0.07 -6.29	24.35 -0.06 -5.71	24.46 -0.02 -8.43	25.52 -0.06 -6.63	15.67 0.00 -7.95	15.77 0.01 -7.64	12.62 0.00 -7.60	12.18 -0.01 -6.41	10.32 0.00 -6.15
CARTHAGE___PAPER 23857	25.49 -0.40 -2.08	25.05 -0.40 -2.08	22.87 -0.34 -1.80	23.08 -0.33 -1.58	24.59 -0.36 -1.14	24.78 -0.23 -1.62	26.83 -0.21 -1.42	25.78 0.00 -1.37	28.13 -0.03 -0.93	28.06 -0.14 -0.86	28.62 -0.43 -0.64	30.15 -0.54 -0.38	29.73 -0.69 -0.54	28.29 -0.47 -0.84	27.89 -0.38 -1.30	16.89 -0.19 -3.60	21.68 -0.28 -3.26	20.69 -0.18 -4.82	22.61 -0.13 -3.79	12.10 -0.16 -4.55	12.29 -0.20 -4.37	9.22 -0.14 -4.34	9.29 -0.16 -3.66	7.58 -0.10 -3.52
CASSADAGA_WT_PWR 323784	28.99 -0.09 -5.27	28.64 0.00 -5.28	25.93 -0.04 -4.55	25.81 -0.02 -4.01	26.64 -0.05 -2.88	27.32 -0.19 -4.11	28.93 -0.28 -3.60	27.38 -0.49 -3.46	28.74 -0.84 -2.36	28.62 -0.90 -2.18	29.40 -0.63 -1.62	30.52 -0.76 -0.95	30.44 -0.81 -1.37	29.12 -0.92 -2.12	29.08 -1.19 -3.30	22.00 -0.59 -9.11	26.11 -0.86 -8.27	27.52 -0.74 -12.21	27.68 -0.87 -9.60	18.95 -0.28 -11.52	18.95 -0.24 -11.07	15.89 -0.13 -11.00	14.94 -0.12 -9.27	13.06 -0.02 -8.91
CE_DUNWOOD___DRP 24194	43.70 1.07 -18.82	43.20 1.00 -18.83	38.59 0.92 -16.25	37.07 0.94 -14.30	35.10 1.02 -10.27	39.06 1.01 -14.66	39.50 1.05 -12.83	37.86 1.10 -12.35	36.91 1.28 -8.41	36.47 1.34 -7.79	35.62 1.42 -5.79	35.20 1.49 -3.40	36.23 1.46 -4.90	36.85 1.37 -7.56	40.07 1.32 -11.79	46.62 0.62 -32.52	49.13 0.92 -29.51	60.37 0.77 -43.56	54.15 0.95 -34.25	49.22 0.41 -41.10	48.04 0.41 -39.51	44.56 0.27 -39.27	39.19 0.31 -33.10	36.14 0.19 -31.79
CE_MILLWOOD___DRP 24193	43.60 1.02 -18.76	43.09 0.96 -18.77	38.52 0.90 -16.20	37.00 0.92 -14.25	35.02 0.98 -10.24	38.97 0.96 -14.61	39.41 1.00 -12.79	37.77 1.05 -12.31	36.83 1.23 -8.38	36.39 1.28 -7.77	35.52 1.34 -5.77	35.10 1.39 -3.39	36.13 1.37 -4.88	36.77 1.31 -7.53	39.95 1.24 -11.75	46.48 0.59 -32.41	48.99 0.88 -29.42	60.20 0.74 -43.41	54.00 0.91 -34.14	49.07 0.39 -40.97	47.90 0.41 -39.37	44.42 0.26 -39.14	39.07 0.30 -32.99	36.03 0.18 -31.68
CE_NYC2_DRP 24202	43.93 1.26 -18.85	43.40 1.17 -18.87	38.79 1.09 -16.28	37.25 1.09 -14.33	35.29 1.19 -10.29	39.21 1.12 -14.69	39.52 1.05 -12.86	37.91 1.12 -12.37	36.98 1.33 -8.42	36.59 1.45 -7.81	35.72 1.51 -5.80	35.30 1.58 -3.40	36.30 1.52 -4.90	36.92 1.42 -7.57	40.17 1.40 -11.81	46.70 0.65 -32.58	49.24 0.97 -29.57	60.50 0.82 -43.63	54.26 1.00 -34.31	49.32 0.43 -41.18	48.12 0.43 -39.58	44.64 0.28 -39.34	39.27 0.33 -33.16	36.22 0.21 -31.84
CE_NYC_DRP 24195	43.76 1.10 -18.85	43.23 1.00 -18.87	38.66 0.96 -16.28	37.11 0.96 -14.32	35.12 1.02 -10.29	39.09 1.01 -14.69	39.50 1.02 -12.85	37.93 1.15 -12.37	36.98 1.33 -8.42	36.56 1.42 -7.81	35.69 1.48 -5.80	35.27 1.55 -3.40	36.27 1.49 -4.90	36.92 1.42 -7.57	40.15 1.37 -11.81	46.69 0.63 -32.58	49.18 0.92 -29.56	60.45 0.77 -43.63	54.21 0.95 -34.31	49.29 0.41 -41.17	48.10 0.41 -39.57	44.62 0.27 -39.34	39.25 0.31 -33.16	36.20 0.19 -31.84
CHAFFEE___LFGE 323603	28.58 -0.43 -5.20	28.26 -0.30 -5.20	25.57 -0.34 -4.49	25.47 -0.31 -3.95	26.29 -0.36 -2.84	26.95 -0.49 -4.05	28.60 -0.56 -3.54	26.94 -0.88 -3.41	28.30 -1.25 -2.32	28.20 -1.28 -2.15	28.93 -1.08 -1.60	30.17 -1.09 -0.94	30.15 -1.07 -1.35	28.93 -1.09 -2.09	28.98 -1.24 -3.26	21.94 -0.53 -8.98	26.14 -0.71 -8.15	27.49 -0.59 -12.03	27.67 -0.74 -9.46	18.87 -0.20 -11.35	18.85 -0.18 -10.91	15.77 -0.09 -10.85	14.84 -0.09 -9.14	12.94 -0.01 -8.78
CHATEAUG_35_KV_LOAD 355732	23.63 -0.98 -0.80	23.20 -0.96 -0.80	21.21 -0.90 -0.69	21.82 -0.61 -0.60	23.57 -0.67 -0.43	23.64 -0.37 -0.62	26.08 -0.08 -0.54	25.01 0.07 -0.52	27.91 0.33 -0.36	27.94 0.27 -0.33	28.45 -0.20 -0.24	30.10 -0.36 -0.14	29.57 -0.51 -0.21	28.02 -0.22 -0.32	27.40 -0.05 -0.50	14.61 -0.24 -1.37	19.20 -0.75 -1.25	17.05 -0.83 -1.84	19.60 -0.80 -1.45	8.80 -0.65 -1.74	9.00 -0.79 -1.67	6.16 -0.51 -1.66	6.63 -0.56 -1.40	5.12 -0.40 -1.34
CHATEAUG_WT_PWR 323614	23.58 -1.00 -0.77	23.15 -0.98 -0.77	21.21 -0.88 -0.66	21.80 -0.61 -0.58	23.58 -0.64 -0.42	23.62 -0.38 -0.60	26.04 -0.10 -0.52	24.99 0.07 -0.50	27.87 0.30 -0.34	27.90 0.25 -0.32	28.45 -0.20 -0.24	30.10 -0.36 -0.14	29.57 -0.51 -0.20	28.01 -0.22 -0.31	27.39 -0.05 -0.48	14.56 -0.24 -1.33	19.16 -0.75 -1.21	16.98 -0.85 -1.78	19.56 -0.80 -1.40	8.74 -0.65 -1.68	8.95 -0.79 -1.61	6.10 -0.52 -1.60	6.58 -0.56 -1.35	5.07 -0.40 -1.30
CHAT_HIGH_FALL_HYD 323578	23.63 -0.98 -0.80	23.20 -0.96 -0.80	21.21 -0.90 -0.69	21.82 -0.61 -0.60	23.57 -0.67 -0.43	23.64 -0.38 -0.62	26.08 -0.08 -0.54	25.01 0.07 -0.52	27.91 0.33 -0.36	27.91 0.25 -0.33	28.45 -0.20 -0.24	30.10 -0.36 -0.14	29.57 -0.51 -0.21	27.99 -0.25 -0.32	27.40 -0.05 -0.50	14.61 -0.24 -1.37	19.20 -0.75 -1.25	17.05 -0.84 -1.84	19.60 -0.80 -1.45	8.80 -0.65 -1.74	9.00 -0.79 -1.67	6.16 -0.51 -1.66	6.63 -0.56 -1.40	5.12 -0.40 -1.34
CHAUTAUQUA___LFGE 323629	28.88 -0.17 -5.23	28.55 -0.05 -5.24	25.83 -0.11 -4.52	25.74 -0.07 -3.98	26.57 -0.09 -2.86	27.24 -0.23 -4.08	28.88 -0.31 -3.57	27.26 -0.59 -3.43	28.61 -0.95 -2.34	28.49 -1.01 -2.17	29.25 -0.77 -1.61	30.48 -0.79 -0.94	30.46 -0.78 -1.36	29.19 -0.84 -2.10	29.19 -1.05 -3.28	22.05 -0.47 -9.04	26.25 -0.65 -8.21	27.61 -0.55 -12.11	27.81 -0.66 -9.52	18.96 -0.18 -11.43	18.95 -0.15 -10.98	15.86 -0.07 -10.92	14.93 -0.06 -9.20	13.02 0.02 -8.84
CHERRYST_13_KV_LD 356241	43.81 1.14 -18.85	43.28 1.05 -18.87	38.71 1.01 -16.28	37.16 1.00 -14.32	35.17 1.07 -10.29	39.13 1.05 -14.69	39.55 1.08 -12.85	37.98 1.20 -12.37	37.06 1.42 -8.42	36.64 1.50 -7.81	35.74 1.53 -5.80	35.33 1.61 -3.40	36.36 1.58 -4.90	36.98 1.48 -7.57	40.20 1.43 -11.81	46.71 0.66 -32.58	49.23 0.97 -29.56	60.48 0.80 -43.63	54.24 0.99 -34.31	49.32 0.43 -41.17	48.12 0.43 -39.57	44.63 0.28 -39.34	39.27 0.33 -33.16	36.21 0.20 -31.84
CHESTROR_138KV_BK263 355645	42.32 0.83 -17.68	41.82 0.77 -17.69	37.39 0.71 -15.26	35.98 0.72 -13.43	34.27 0.81 -9.65	37.96 0.80 -13.77	38.49 0.82 -12.05	36.84 0.83 -11.60	36.10 0.98 -7.89	35.64 0.98 -7.32	34.90 1.05 -5.44	34.60 1.09 -3.19	35.58 1.11 -4.60	36.06 1.03 -7.10	39.00 0.97 -11.08	44.51 0.49 -30.54	47.15 0.73 -27.72	57.57 0.61 -40.91	51.86 0.74 -32.17	46.64 0.32 -38.61	45.56 0.33 -37.10	42.11 0.21 -36.89	37.12 0.24 -31.09	34.17 0.15 -29.85
CH_MIDHUDSON___DRP 24192	44.14 1.02 -19.30	43.66 0.98 -19.32	38.99 0.90 -16.67	37.41 0.92 -14.67	35.37 1.02 -10.54	39.44 1.01 -15.04	39.83 1.05 -13.16	38.10 1.03 -12.67	37.05 1.20 -8.62	36.56 1.23 -7.99	35.63 1.28 -5.94	35.17 1.36 -3.49	36.27 1.37 -5.02	36.96 1.28 -7.75	40.29 1.24 -12.09	47.44 0.61 -33.35	49.85 0.88 -30.27	61.46 0.74 -44.67	54.99 0.91 -35.12	50.25 0.39 -42.16	49.03 0.40 -40.52	45.54 0.24 -40.28	40.02 0.28 -33.95	36.95 0.18 -32.60

CH_MISC_IPPS 23765	43.90 1.12 -18.96	43.42 1.08 -18.98	38.76 0.96 -16.38	37.24 1.00 -14.41	35.26 1.10 -10.35	39.27 1.10 -14.77	39.68 1.13 -12.93	37.98 1.12 -12.45	37.00 1.31 -8.47	36.50 1.31 -7.85	35.61 1.36 -5.84	35.17 1.43 -3.42	36.27 1.46 -4.93	36.94 1.40 -7.62	40.19 1.35 -11.88	46.92 0.67 -32.77	49.43 0.99 -29.74	60.77 0.83 -43.89	54.49 1.02 -34.51	49.57 0.43 -41.42	48.38 0.45 -39.81	44.86 0.27 -39.58	39.45 0.31 -33.36	36.40 0.20 -32.03
CH_RES_BVR_FALLS 23983	23.62 -0.71 -0.52	23.16 -0.72 -0.52	21.18 -0.69 -0.45	21.66 -0.57 -0.40	23.45 -0.64 -0.28	23.29 -0.51 -0.41	25.54 -0.44 -0.36	24.41 -0.34 -0.34	27.19 -0.27 -0.23	27.28 -0.27 -0.22	28.03 -0.54 -0.16	29.75 -0.67 -0.09	29.27 -0.75 -0.14	27.55 -0.59 -0.21	26.80 -0.48 -0.33	14.00 -0.38 -0.90	18.79 -0.73 -0.82	16.53 -0.72 -1.21	19.12 -0.78 -0.95	8.39 -0.46 -1.14	8.68 -0.53 -1.09	5.78 -0.33 -1.09	6.34 -0.36 -0.92	4.79 -0.25 -0.88
CH_RES_NIAGARA 23895	27.73 -0.98 -4.90	27.50 -0.77 -4.90	24.88 -0.77 -4.23	24.81 -0.74 -3.72	25.65 -0.83 -2.67	26.23 -0.98 -3.82	27.78 -1.18 -3.34	25.99 -1.64 -3.21	27.37 -2.04 -2.19	27.28 -2.08 -2.03	27.98 -1.93 -1.51	29.20 -2.00 -0.88	29.18 -1.97 -1.27	27.97 -1.93 -1.97	27.98 -2.05 -3.07	21.03 -0.92 -8.46	25.11 -1.27 -7.68	26.28 -1.11 -11.34	26.52 -1.35 -8.91	17.98 -0.43 -10.70	17.98 -0.42 -10.28	14.97 -0.23 -10.18	14.13 -0.23 -8.58	12.37 -0.07 -8.27
CH_RES_SYRACUSE 23985	27.68 0.00 -3.87	27.21 -0.02 -3.87	24.76 0.00 -3.34	24.74 -0.02 -2.94	25.89 -0.02 -2.11	26.38 -0.02 -3.01	28.23 -0.03 -2.64	26.92 -0.02 -2.54	28.85 -0.11 -1.73	28.83 -0.11 -1.60	29.51 -0.08 -1.19	30.96 -0.06 -0.70	30.88 0.00 -1.01	29.45 -0.03 -1.55	29.35 -0.03 -2.42	20.19 0.03 -6.68	24.84 0.08 -6.06	25.09 0.10 -8.95	26.06 0.08 -7.04	16.21 0.05 -8.44	16.30 0.06 -8.12	13.12 0.04 -8.07	12.61 0.03 -6.80	10.72 0.03 -6.53
CLINTON_WT_PWR 323605	23.58 -1.00 -0.77	23.15 -0.98 -0.77	21.21 -0.88 -0.66	21.80 -0.61 -0.58	23.58 -0.64 -0.42	23.62 -0.38 -0.60	26.04 -0.10 -0.52	24.99 0.07 -0.50	27.87 0.30 -0.34	27.90 0.25 -0.32	28.45 -0.20 -0.24	30.10 -0.36 -0.14	29.57 -0.51 -0.20	28.01 -0.22 -0.31	27.39 -0.05 -0.48	14.56 -0.24 -1.33	19.16 -0.75 -1.21	16.98 -0.85 -1.78	19.56 -0.80 -1.40	8.74 -0.65 -1.68	8.95 -0.79 -1.61	6.10 -0.52 -1.60	6.58 -0.56 -1.35	5.07 -0.40 -1.30
CLINTON__LFGE 323618	23.92 -0.67 -0.78	23.46 -0.68 -0.78	21.45 -0.64 -0.67	22.09 -0.33 -0.59	23.87 -0.36 -0.42	23.93 -0.07 -0.60	26.43 0.28 -0.53	25.33 0.41 -0.51	28.31 0.74 -0.35	28.31 0.65 -0.32	28.87 0.23 -0.24	30.52 0.06 -0.14	29.99 -0.09 -0.20	28.41 0.17 -0.31	27.77 0.32 -0.49	14.78 -0.04 -1.34	19.45 -0.47 -1.22	17.25 -0.59 -1.80	19.89 -0.47 -1.41	8.87 -0.53 -1.69	9.07 -0.67 -1.63	6.19 -0.45 -1.62	6.67 -0.48 -1.36	5.13 -0.35 -1.31
COBBLENY_34_KV_TB1 80064	28.58 -0.43 -5.20	28.26 -0.30 -5.20	25.57 -0.34 -4.49	25.49 -0.28 -3.95	26.31 -0.33 -2.84	26.95 -0.49 -4.05	28.60 -0.56 -3.54	26.94 -0.88 -3.41	28.32 -1.23 -2.32	28.20 -1.28 -2.15	28.93 -1.08 -1.60	30.17 -1.09 -0.94	30.15 -1.08 -1.35	28.93 -1.09 -2.09	28.98 -1.24 -3.26	21.94 -0.53 -8.98	26.16 -0.69 -8.15	27.49 -0.59 -12.03	27.67 -0.74 -9.46	18.87 -0.20 -11.35	18.85 -0.18 -10.91	15.77 -0.09 -10.85	14.84 -0.09 -9.14	12.94 -0.01 -8.78
COFFEEN__115KV_TB3 355620	25.98 -0.17 -2.33	25.56 -0.14 -2.34	23.33 -0.11 -2.02	23.47 -0.13 -1.77	24.96 -0.12 -1.27	25.17 -0.05 -1.82	27.21 0.00 -1.59	26.16 0.22 -1.53	28.40 0.14 -1.04	28.33 0.03 -0.97	28.90 -0.23 -0.72	30.41 -0.33 -0.42	30.00 -0.48 -0.61	28.59 -0.28 -0.94	28.23 -0.19 -1.46	17.44 -0.07 -4.03	22.32 -0.04 -3.66	21.51 0.06 -5.40	23.33 0.13 -4.25	12.78 -0.03 -5.10	12.96 -0.06 -4.90	9.83 -0.06 -4.87	9.83 -0.06 -4.10	8.07 -0.04 -3.94
COLDSPRG_115KV_BK1 355956	29.13 -0.02 -5.34	28.80 0.09 -5.34	26.05 0.02 -4.61	25.95 0.07 -4.06	26.79 0.07 -2.92	27.46 -0.09 -4.16	29.13 -0.13 -3.64	27.60 -0.32 -3.50	28.99 -0.63 -2.39	28.83 -0.71 -2.21	29.62 -0.43 -1.64	30.80 -0.49 -0.96	30.79 -0.48 -1.39	29.46 -0.61 -2.14	29.47 -0.84 -3.35	22.33 -0.38 -9.23	26.57 -0.50 -8.37	27.99 -0.42 -12.36	28.14 -0.53 -9.72	19.25 -0.12 -11.66	19.24 -0.09 -11.21	16.12 -0.04 -11.14	15.15 -0.03 -9.39	13.22 0.03 -9.02
COLONIE_LFGE__ 323577	47.73 0.93 -22.99	47.31 0.94 -23.01	42.11 0.83 -19.85	40.17 0.87 -17.47	37.28 0.93 -12.55	42.22 0.91 -17.91	42.32 1.03 -15.68	40.43 0.93 -15.09	38.59 1.09 -10.27	37.92 1.06 -9.52	36.62 1.14 -7.08	35.65 1.18 -4.15	37.05 1.20 -5.98	38.28 1.12 -9.23	42.41 1.05 -14.41	53.68 0.47 -39.73	55.42 0.67 -36.05	69.85 0.59 -53.21	61.45 0.66 -41.84	58.19 0.27 -50.21	56.65 0.28 -48.26	53.16 0.17 -47.98	46.41 0.19 -40.43	43.14 0.15 -38.83
COOPERNY_115KV_TB1 80082	39.28 0.60 -14.87	38.81 0.56 -14.88	34.80 0.54 -12.84	33.65 0.52 -11.30	32.52 0.60 -8.12	35.54 0.56 -11.59	36.35 0.59 -10.14	34.78 0.61 -9.76	34.58 0.71 -6.64	34.20 0.71 -6.16	33.75 0.77 -4.58	33.79 0.79 -2.69	34.55 0.81 -3.87	34.65 0.75 -5.97	36.98 0.70 -9.32	39.53 0.35 -25.70	42.54 0.52 -23.32	50.90 0.43 -34.42	46.55 0.53 -27.06	40.43 0.24 -32.48	39.58 0.24 -31.22	36.21 0.16 -31.04	32.13 0.19 -26.16	29.40 0.11 -25.12
COPENHAGEN_WT_PWR 323753	25.90 -0.31 -2.40	25.49 -0.28 -2.40	23.26 -0.24 -2.07	23.39 -0.26 -1.82	24.86 -0.26 -1.31	25.08 -0.19 -1.87	27.08 -0.18 -1.64	26.01 0.02 -1.58	28.24 -0.05 -1.07	28.19 -0.14 -0.99	28.78 -0.37 -0.74	30.30 -0.45 -0.43	29.90 -0.60 -0.62	28.47 -0.42 -0.96	28.14 -0.32 -1.50	17.49 -0.13 -4.15	22.29 -0.17 -3.77	21.54 -0.06 -5.56	23.30 -0.02 -4.37	12.87 -0.08 -5.24	13.05 -0.11 -5.04	9.94 -0.09 -5.01	9.91 -0.10 -4.22	8.16 -0.06 -4.06
CORNELL____ 23752	30.51 0.55 -6.15	30.03 0.51 -6.16	27.22 0.49 -5.31	26.96 0.46 -4.67	27.69 0.52 -3.36	28.70 0.51 -4.79	30.37 0.56 -4.19	29.01 0.56 -4.04	30.49 0.52 -2.75	30.37 0.49 -2.55	30.81 0.51 -1.89	32.01 0.58 -1.11	32.07 0.60 -1.60	30.93 0.53 -2.47	31.32 0.51 -3.85	24.42 0.31 -10.63	28.83 0.49 -9.65	30.75 0.47 -14.23	30.66 0.51 -11.19	21.38 0.24 -13.43	21.28 0.25 -12.91	18.00 0.15 -12.84	16.76 0.16 -10.82	14.67 0.12 -10.39
CORONAAV_69_KV_TB1 355595	44.43 1.76 -18.86	43.92 1.68 -18.87	39.27 1.56 -16.28	37.73 1.57 -14.33	35.81 1.71 -10.29	39.77 1.68 -14.69	40.27 1.79 -12.86	38.59 1.81 -12.37	37.72 2.07 -8.42	37.21 2.05 -7.82	40.59 2.07 -10.11	41.43 2.18 -8.92	47.09 2.15 -15.07	47.41 2.01 -17.48	50.57 1.94 -21.67	54.94 0.93 -40.53	71.86 1.35 -51.82	82.02 1.14 -64.83	74.73 1.38 -54.40	66.69 0.59 -58.39	55.49 0.60 -46.77	50.41 0.39 -45.01	39.43 0.47 -33.18	36.33 0.31 -31.85
CORTLAND_115KV_TB3 80093	29.41 0.31 -5.28	28.93 0.28 -5.29	26.26 0.28 -4.56	26.10 0.26 -4.01	26.98 0.29 -2.88	27.79 0.28 -4.12	29.53 0.31 -3.60	28.19 0.32 -3.47	29.86 0.27 -2.36	29.77 0.25 -2.19	30.29 0.26 -1.63	31.58 0.30 -0.95	31.58 0.33 -1.37	30.33 0.28 -2.12	30.54 0.27 -3.31	22.78 0.18 -9.13	27.26 0.28 -8.28	28.55 0.27 -12.23	28.85 0.28 -9.61	19.39 0.14 -11.54	19.36 0.15 -11.09	16.13 0.09 -11.02	15.17 0.09 -9.29	13.17 0.08 -8.92

COXSACKIE___GT 23611	47.09 1.67 -21.61	46.69 1.70 -21.63	41.54 1.46 -18.66	39.73 1.49 -16.42	37.32 1.72 -11.80	41.92 1.69 -16.83	42.22 1.87 -14.74	40.20 1.61 -14.18	38.68 1.80 -9.65	37.84 1.56 -8.95	36.68 1.62 -6.65	35.83 1.61 -3.90	37.17 1.67 -5.62	38.14 1.53 -8.68	42.06 1.56 -13.54	51.71 0.89 -37.34	53.84 1.25 -33.89	67.30 1.24 -50.01	59.66 1.38 -39.33	55.44 0.53 -47.20	54.03 0.55 -45.36	50.40 0.29 -45.10	44.09 0.29 -38.01	40.87 0.20 -36.50
CPV_VALLEY___CC1 323721	41.11 0.64 -16.65	40.64 0.61 -16.66	36.36 0.56 -14.38	35.05 0.57 -12.65	33.54 0.64 -9.09	36.98 0.61 -12.97	37.59 0.61 -11.36	36.00 0.66 -10.93	35.43 0.76 -7.44	35.02 0.79 -6.90	34.38 0.85 -5.13	34.21 0.88 -3.01	35.07 0.87 -4.33	35.43 0.81 -6.69	38.18 0.78 -10.43	42.63 0.38 -28.78	45.39 0.58 -26.11	55.05 0.47 -38.54	49.82 0.57 -30.30	44.34 0.26 -36.37	43.34 0.27 -34.96	39.94 0.17 -34.75	35.27 0.20 -29.29	32.41 0.12 -28.13
CPV_VALLEY___CC2 323722	41.11 0.64 -16.65	40.64 0.61 -16.66	36.36 0.56 -14.38	35.05 0.57 -12.65	33.54 0.64 -9.09	36.98 0.61 -12.97	37.59 0.61 -11.36	36.00 0.66 -10.93	35.43 0.76 -7.44	35.02 0.79 -6.90	34.38 0.85 -5.13	34.21 0.88 -3.01	35.07 0.87 -4.33	35.43 0.81 -6.69	38.18 0.78 -10.43	42.63 0.38 -28.78	45.39 0.58 -26.11	55.05 0.47 -38.54	49.82 0.57 -30.30	44.34 0.26 -36.37	43.34 0.27 -34.96	39.94 0.17 -34.75	35.27 0.20 -29.29	32.41 0.12 -28.13
CRESCENT___HYD 24018	47.73 0.93 -22.99	47.31 0.94 -23.01	42.11 0.83 -19.85	40.17 0.87 -17.47	37.28 0.93 -12.55	42.22 0.91 -17.91	42.32 1.03 -15.68	40.43 0.93 -15.09	38.59 1.09 -10.27	37.92 1.06 -9.52	36.62 1.14 -7.08	35.65 1.18 -4.15	37.05 1.20 -5.98	38.28 1.12 -9.23	42.41 1.05 -14.41	53.68 0.47 -39.73	55.42 0.67 -36.05	69.85 0.59 -53.21	61.45 0.66 -41.84	58.19 0.27 -50.21	56.65 0.28 -48.26	53.16 0.17 -47.98	46.41 0.19 -40.43	43.14 0.15 -38.83
CRICKET___VALLEY_CC1 323756	44.46 0.88 -19.77	44.01 0.86 -19.78	39.30 0.81 -17.07	37.68 0.83 -15.02	35.52 0.93 -10.79	39.68 0.89 -15.40	40.04 0.95 -13.48	38.26 0.88 -12.97	37.12 1.06 -8.83	36.58 1.06 -8.18	35.63 1.14 -6.08	35.13 1.24 -3.57	36.21 1.20 -5.14	37.01 1.15 -7.94	40.42 1.08 -12.39	48.13 0.50 -34.16	50.44 0.75 -31.00	62.40 0.61 -45.75	55.68 0.76 -35.97	51.20 0.32 -43.17	49.94 0.33 -41.49	46.47 0.20 -41.25	40.80 0.25 -34.77	37.72 0.16 -33.38
CRICKET___VALLEY_CC2 323757	44.46 0.88 -19.77	44.01 0.86 -19.78	39.30 0.81 -17.07	37.68 0.83 -15.02	35.52 0.93 -10.79	39.68 0.89 -15.40	40.04 0.95 -13.48	38.26 0.88 -12.97	37.12 1.06 -8.83	36.58 1.06 -8.18	35.63 1.14 -6.08	35.13 1.24 -3.57	36.21 1.20 -5.14	37.01 1.15 -7.94	40.42 1.08 -12.39	48.13 0.50 -34.16	50.44 0.75 -31.00	62.40 0.61 -45.75	55.68 0.76 -35.97	51.20 0.32 -43.17	49.94 0.33 -41.49	46.47 0.20 -41.25	40.80 0.25 -34.77	37.72 0.16 -33.38
CRICKET___VALLEY_CC3 323758	44.46 0.88 -19.77	44.01 0.86 -19.78	39.30 0.81 -17.07	37.68 0.83 -15.02	35.52 0.93 -10.79	39.68 0.89 -15.40	40.04 0.95 -13.48	38.26 0.88 -12.97	37.12 1.06 -8.83	36.58 1.06 -8.18	35.63 1.14 -6.08	35.13 1.24 -3.57	36.21 1.20 -5.14	37.01 1.15 -7.94	40.42 1.08 -12.39	48.13 0.50 -34.16	50.44 0.75 -31.00	62.40 0.61 -45.75	55.68 0.76 -35.97	51.20 0.32 -43.17	49.94 0.33 -41.49	46.47 0.20 -41.25	40.80 0.25 -34.77	37.72 0.16 -33.38
CRUCIBLE_METL_DRP 24180	27.68 0.00 -3.87	27.21 -0.02 -3.87	24.76 0.00 -3.34	24.74 -0.02 -2.94	25.89 -0.02 -2.11	26.38 -0.02 -3.01	28.23 -0.03 -2.64	26.92 -0.02 -2.54	28.84 -0.11 -1.73	28.83 -0.11 -1.60	29.51 -0.09 -1.19	30.96 -0.06 -0.70	30.88 0.00 -1.01	29.45 -0.03 -1.55	29.35 -0.03 -2.42	20.19 0.03 -6.68	24.84 0.07 -6.06	25.09 0.10 -8.95	26.06 0.08 -7.04	16.21 0.05 -8.44	16.30 0.06 -8.12	13.12 0.04 -8.07	12.61 0.03 -6.80	10.72 0.03 -6.53
DAHOWA___HYDRO 323763	48.53 1.40 -23.32	48.15 1.45 -23.33	42.84 1.29 -20.13	40.86 1.31 -17.72	37.89 1.36 -12.73	42.89 1.33 -18.16	43.03 1.51 -15.90	41.13 1.42 -15.30	39.27 1.63 -10.41	38.55 1.56 -9.65	37.20 1.62 -7.18	36.17 1.64 -4.21	37.61 1.67 -6.06	38.86 1.56 -9.37	43.08 1.51 -14.61	54.32 0.55 -40.29	56.03 0.77 -36.56	70.73 0.72 -53.96	62.20 0.81 -42.43	58.94 0.31 -50.92	57.38 0.32 -48.94	53.85 0.18 -48.66	46.99 0.20 -41.01	43.76 0.21 -39.38
DANC___LFGE 323619	26.23 -0.36 -2.77	25.79 -0.35 -2.77	23.51 -0.30 -2.39	23.63 -0.31 -2.10	24.98 -0.33 -1.51	25.27 -0.28 -2.16	27.22 -0.28 -1.89	26.06 -0.17 -1.82	28.22 -0.25 -1.24	28.18 -0.30 -1.15	28.80 -0.46 -0.85	30.30 -0.52 -0.50	30.03 -0.57 -0.72	28.59 -0.45 -1.11	28.29 -0.40 -1.74	18.10 -0.16 -4.79	22.84 -0.21 -4.34	22.35 -0.11 -6.41	23.90 -0.09 -5.04	13.68 -0.08 -6.05	13.84 -0.10 -5.81	10.73 -0.07 -5.78	10.57 -0.09 -4.87	8.79 -0.05 -4.68
DANSKAMMER___1 23586	43.90 1.12 -18.96	43.42 1.08 -18.98	38.76 0.96 -16.38	37.24 1.00 -14.41	35.26 1.10 -10.35	39.27 1.10 -14.77	39.68 1.13 -12.93	37.98 1.12 -12.45	37.00 1.31 -8.47	36.50 1.31 -7.85	35.61 1.36 -5.84	35.17 1.43 -3.42	36.27 1.46 -4.93	36.94 1.40 -7.62	40.19 1.35 -11.88	46.92 0.67 -32.77	49.43 0.99 -29.74	60.77 0.83 -43.89	54.49 1.02 -34.51	49.57 0.43 -41.42	48.38 0.45 -39.81	44.86 0.27 -39.58	39.45 0.31 -33.36	36.40 0.20 -32.03
DANSKAMMER___2 23589	43.90 1.12 -18.96	43.42 1.08 -18.98	38.76 0.96 -16.38	37.24 1.00 -14.41	35.26 1.10 -10.35	39.27 1.10 -14.77	39.68 1.13 -12.93	37.98 1.12 -12.45	37.00 1.31 -8.47	36.50 1.31 -7.85	35.61 1.36 -5.84	35.17 1.43 -3.42	36.27 1.46 -4.93	36.94 1.40 -7.62	40.19 1.35 -11.88	46.92 0.67 -32.77	49.43 0.99 -29.74	60.77 0.83 -43.89	54.49 1.02 -34.51	49.57 0.43 -41.42	48.38 0.45 -39.81	44.86 0.27 -39.58	39.45 0.31 -33.36	36.40 0.20 -32.03
DANSKAMMER___3 23590	43.90 1.12 -18.96	43.42 1.08 -18.98	38.76 0.96 -16.38	37.24 1.00 -14.41	35.26 1.10 -10.35	39.27 1.10 -14.77	39.68 1.13 -12.93	37.98 1.12 -12.45	37.00 1.31 -8.47	36.50 1.31 -7.85	35.61 1.36 -5.84	35.17 1.43 -3.42	36.27 1.46 -4.93	36.94 1.40 -7.62	40.19 1.35 -11.88	46.92 0.67 -32.77	49.43 0.99 -29.74	60.77 0.83 -43.89	54.49 1.02 -34.51	49.57 0.43 -41.42	48.38 0.45 -39.81	44.86 0.27 -39.58	39.45 0.31 -33.36	36.40 0.20 -32.03
DANSKAMMER___4 23591	43.90 1.12 -18.96	43.42 1.08 -18.98	38.76 0.96 -16.38	37.24 1.00 -14.41	35.26 1.10 -10.35	39.27 1.10 -14.77	39.68 1.13 -12.93	37.98 1.12 -12.45	37.00 1.31 -8.47	36.50 1.31 -7.85	35.61 1.36 -5.84	35.17 1.43 -3.42	36.27 1.46 -4.93	36.94 1.40 -7.62	40.19 1.35 -11.88	46.92 0.67 -32.77	49.43 0.99 -29.74	60.77 0.83 -43.89	54.49 1.02 -34.51	49.57 0.43 -41.42	48.38 0.45 -39.81	44.86 0.27 -39.58	39.45 0.31 -33.36	36.40 0.20 -32.03
DANSKAMMER___DIESEL 23592	43.90 1.12 -18.96	43.42 1.07 -18.98	38.76 0.96 -16.38	37.22 0.98 -14.41	35.25 1.10 -10.35	39.27 1.10 -14.77	39.68 1.13 -12.93	37.98 1.12 -12.45	37.00 1.31 -8.47	36.50 1.31 -7.85	35.61 1.36 -5.84	35.17 1.43 -3.42	36.27 1.46 -4.93	36.94 1.40 -7.62	40.19 1.35 -11.88	46.92 0.67 -32.77	49.43 0.99 -29.74	60.77 0.83 -43.89	54.49 1.02 -34.51	49.57 0.43 -41.42	48.38 0.45 -39.81	44.86 0.27 -39.58	39.45 0.31 -33.36	36.40 0.20 -32.03

DARBY___SOLAR 323810	48.41 1.33 -23.27	48.00 1.35 -23.29	42.71 1.20 -20.09	40.73 1.22 -17.68	37.79 1.28 -12.70	42.78 1.26 -18.13	42.89 1.41 -15.87	41.02 1.34 -15.27	39.14 1.52 -10.39	38.44 1.48 -9.64	37.10 1.53 -7.16	36.10 1.58 -4.20	37.54 1.61 -6.05	38.75 1.48 -9.35	42.97 1.43 -14.58	54.23 0.54 -40.21	55.94 0.75 -36.49	70.60 0.71 -53.85	62.09 0.80 -42.34	58.83 0.30 -50.82	57.27 0.31 -48.84	53.75 0.18 -48.56	46.91 0.20 -40.93	43.67 0.20 -39.30
DASHVILLE___HYD 23610	44.34 0.88 -19.64	43.84 0.82 -19.66	39.13 0.75 -16.96	37.52 0.76 -14.93	35.39 0.86 -10.72	39.52 0.82 -15.30	39.81 0.79 -13.39	38.06 0.76 -12.89	36.87 0.87 -8.77	36.34 0.87 -8.13	35.36 0.91 -6.05	34.81 0.94 -3.55	35.97 0.99 -5.11	36.77 0.95 -7.89	40.18 0.92 -12.31	47.89 0.47 -33.94	50.19 0.69 -30.80	62.09 0.58 -45.46	55.38 0.68 -35.75	50.92 0.31 -42.90	49.67 0.32 -41.23	46.20 0.20 -40.99	40.57 0.24 -34.55	37.49 0.15 -33.18
DEERFIELD_69_KV_DEERFIELD LD 355887	45.65 2.98 -18.86	45.01 2.78 -18.87	40.30 2.59 -16.28	38.75 2.60 -14.33	36.93 2.83 -10.29	40.87 2.78 -14.69	41.52 3.05 -12.86	39.84 3.05 -12.37	39.13 3.48 -8.42	38.71 3.55 -7.82	42.04 3.52 -10.11	43.00 3.76 -8.92	48.71 3.76 -15.07	48.89 3.49 -17.48	52.03 3.40 -21.67	55.71 1.70 -40.53	73.01 2.49 -51.82	83.05 2.17 -64.84	76.19 2.84 -54.40	67.16 1.06 -58.40	55.95 1.06 -46.77	50.67 0.65 -45.01	39.75 0.78 -33.18	36.52 0.51 -31.85
DELAWARE___LFGE 323621	34.36 0.69 -9.85	33.90 0.68 -9.86	30.57 0.64 -8.51	29.95 0.63 -7.49	29.87 0.69 -5.38	31.75 0.68 -7.67	33.05 0.72 -6.72	31.63 0.76 -6.46	32.44 0.82 -4.40	32.23 0.82 -4.08	32.29 0.85 -3.03	32.98 0.88 -1.78	33.30 0.87 -2.56	32.69 0.81 -3.96	33.91 0.78 -6.17	30.91 0.40 -17.02	34.71 0.56 -15.45	39.34 0.50 -22.80	37.47 0.59 -17.93	29.47 0.25 -21.52	29.07 0.27 -20.68	25.74 0.16 -20.56	23.30 0.19 -17.33	20.94 0.13 -16.64
DERFIELD_115KV_TB7 355931	24.39 -0.02 -0.60	23.96 0.00 -0.60	21.94 0.00 -0.52	22.28 0.00 -0.45	24.13 0.00 -0.33	23.86 0.00 -0.47	26.05 0.03 -0.41	24.83 0.02 -0.39	27.55 0.05 -0.27	27.64 0.05 -0.25	28.62 0.03 -0.18	30.46 0.03 -0.11	30.03 0.00 -0.16	28.17 0.00 -0.24	27.33 0.00 -0.37	14.50 -0.01 -1.03	19.60 -0.04 -0.94	17.38 -0.05 -1.38	19.98 -0.06 -1.09	8.98 -0.04 -1.31	9.33 -0.05 -1.26	6.24 -0.03 -1.25	6.81 -0.03 -1.05	5.16 -0.02 -1.01
DOGLEVILLE___HYD 23807	24.98 0.57 -0.60	24.52 0.56 -0.60	22.45 0.51 -0.52	22.81 0.52 -0.45	24.68 0.55 -0.33	24.40 0.54 -0.47	26.61 0.59 -0.41	25.41 0.61 -0.39	28.17 0.68 -0.27	28.24 0.65 -0.25	29.24 0.65 -0.18	31.07 0.64 -0.11	30.60 0.57 -0.16	28.67 0.50 -0.24	27.76 0.43 -0.37	14.65 0.13 -1.03	19.75 0.11 -0.94	17.50 0.06 -1.38	20.02 -0.02 -1.09	9.03 0.02 -1.31	9.38 0.01 -1.26	6.28 0.02 -1.25	6.87 0.03 -1.05	5.20 0.03 -1.01
DUNKIRK___115KV_TB_200 55889	28.88 -0.17 -5.23	28.55 -0.05 -5.23	25.83 -0.11 -4.51	25.74 -0.07 -3.97	26.59 -0.07 -2.85	27.23 -0.23 -4.07	28.87 -0.31 -3.57	27.23 -0.61 -3.43	28.61 -0.95 -2.34	28.49 -1.01 -2.16	29.25 -0.77 -1.61	30.48 -0.79 -0.94	30.43 -0.81 -1.36	29.16 -0.87 -2.10	29.18 -1.05 -3.28	22.05 -0.46 -9.03	26.28 -0.62 -8.20	27.62 -0.53 -12.10	27.82 -0.64 -9.51	18.96 -0.17 -11.42	18.95 -0.15 -10.97	15.86 -0.07 -10.91	14.93 -0.05 -9.19	13.02 0.02 -8.83
DUNKIRK___1 23563	28.88 -0.17 -5.23	28.55 -0.05 -5.23	25.83 -0.11 -4.51	25.74 -0.07 -3.97	26.59 -0.07 -2.85	27.23 -0.23 -4.07	28.87 -0.31 -3.57	27.23 -0.61 -3.43	28.61 -0.95 -2.34	28.49 -1.01 -2.16	29.25 -0.77 -1.61	30.48 -0.79 -0.94	30.43 -0.81 -1.36	29.16 -0.87 -2.10	29.18 -1.05 -3.28	22.05 -0.46 -9.03	26.28 -0.62 -8.20	27.62 -0.53 -12.10	27.82 -0.64 -9.51	18.96 -0.17 -11.42	18.95 -0.15 -10.97	15.86 -0.07 -10.91	14.93 -0.05 -9.19	13.02 0.02 -8.83
DUNKIRK___2 23564	28.88 -0.17 -5.23	28.55 -0.05 -5.23	25.83 -0.11 -4.51	25.74 -0.07 -3.97	26.59 -0.07 -2.85	27.23 -0.23 -4.07	28.87 -0.31 -3.57	27.23 -0.61 -3.43	28.61 -0.95 -2.34	28.49 -1.01 -2.16	29.25 -0.77 -1.61	30.48 -0.79 -0.94	30.43 -0.81 -1.36	29.16 -0.87 -2.10	29.18 -1.05 -3.28	22.05 -0.46 -9.03	26.28 -0.62 -8.20	27.62 -0.53 -12.10	27.82 -0.64 -9.51	18.96 -0.17 -11.42	18.95 -0.15 -10.97	15.86 -0.07 -10.91	14.93 -0.05 -9.19	13.02 0.02 -8.83
DUNKIRK___3 23565	28.77 -0.29 -5.24	28.44 -0.16 -5.24	25.73 -0.21 -4.52	25.63 -0.17 -3.98	26.48 -0.19 -2.86	27.13 -0.35 -4.08	28.75 -0.44 -3.57	27.14 -0.71 -3.44	28.48 -1.09 -2.34	28.36 -1.15 -2.17	29.11 -0.91 -1.61	30.33 -0.94 -0.95	30.31 -0.93 -1.36	29.05 -0.98 -2.10	29.08 -1.16 -3.28	22.03 -0.50 -9.05	26.24 -0.67 -8.22	27.58 -0.59 -12.13	27.77 -0.72 -9.53	18.96 -0.19 -11.44	18.95 -0.17 -11.00	15.87 -0.08 -10.93	14.93 -0.07 -9.21	13.02 0.00 -8.85
DUNKIRK___4 23566	28.70 -0.29 -5.17	28.40 -0.14 -5.17	25.69 -0.19 -4.46	25.60 -0.15 -3.93	26.46 -0.17 -2.82	27.09 -0.33 -4.03	28.73 -0.41 -3.52	27.07 -0.73 -3.39	28.45 -1.09 -2.31	28.33 -1.15 -2.14	29.09 -0.91 -1.59	30.31 -0.94 -0.93	30.29 -0.93 -1.34	29.03 -0.98 -2.08	29.04 -1.16 -3.24	21.91 -0.50 -8.93	26.13 -0.67 -8.11	27.42 -0.59 -11.96	27.64 -0.72 -9.41	18.81 -0.19 -11.29	18.80 -0.17 -10.85	15.72 -0.09 -10.78	14.80 -0.08 -9.09	12.91 0.01 -8.73
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	43.76 1.10 -18.85	43.24 1.00 -18.87	38.64 0.94 -16.28	37.11 0.96 -14.33	35.12 1.02 -10.29	39.11 1.03 -14.69	39.55 1.08 -12.86	37.93 1.15 -12.37	36.98 1.33 -8.42	36.53 1.39 -7.81	35.69 1.48 -5.80	35.27 1.55 -3.40	36.30 1.52 -4.90	36.92 1.42 -7.57	40.15 1.37 -11.81	46.70 0.65 -32.58	49.22 0.95 -29.56	60.48 0.80 -43.63	54.24 0.99 -34.31	49.31 0.42 -41.18	48.12 0.43 -39.57	44.63 0.28 -39.34	39.26 0.32 -33.16	36.20 0.19 -31.84
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	43.19 0.93 -18.45	42.72 0.89 -18.46	38.17 0.81 -15.93	36.68 0.83 -14.02	34.81 0.93 -10.07	38.66 0.89 -14.37	39.12 0.92 -12.58	37.47 0.95 -12.11	36.56 1.09 -8.24	36.07 1.09 -7.64	35.25 1.16 -5.68	34.86 1.21 -3.33	35.90 1.22 -4.80	36.51 1.17 -7.41	39.62 1.11 -11.56	45.91 0.55 -31.88	48.46 0.82 -28.93	59.44 0.69 -42.70	53.38 0.85 -33.58	48.37 0.36 -40.30	47.23 0.38 -38.73	43.75 0.23 -38.50	38.50 0.27 -32.45	35.50 0.17 -31.16
E179THST_138_KV_TB4_REV_LBMP_J 345001	44.02 1.36 -18.85	43.49 1.26 -18.87	38.88 1.18 -16.28	37.33 1.18 -14.33	35.36 1.26 -10.29	39.18 1.10 -14.69	39.40 0.92 -12.86	37.78 1.00 -12.37	36.85 1.20 -8.42	36.45 1.31 -7.81	35.57 1.36 -5.80	35.12 1.39 -3.40	36.15 1.37 -4.90	36.78 1.28 -7.57	40.04 1.27 -11.81	46.62 0.57 -32.58	49.14 0.88 -29.57	60.42 0.74 -43.63	54.17 0.91 -34.31	49.28 0.39 -41.18	48.08 0.38 -39.58	44.61 0.25 -39.34	39.25 0.31 -33.16	36.22 0.21 -31.84
E179THST_13_KV_LOAD 356214	44.14 1.48 -18.85	43.59 1.36 -18.87	38.96 1.26 -16.28	37.42 1.27 -14.33	35.46 1.36 -10.29	39.28 1.19 -14.69	39.47 1.00 -12.86	37.88 1.10 -12.37	36.95 1.31 -8.42	36.56 1.42 -7.81	35.69 1.48 -5.80	35.27 1.55 -3.40	36.27 1.49 -4.90	36.90 1.40 -7.57	40.15 1.37 -11.81	46.69 0.63 -32.58	49.22 0.95 -29.57	60.50 0.82 -43.63	54.25 0.99 -34.31	49.32 0.43 -41.18	48.12 0.42 -39.58	44.63 0.27 -39.34	39.27 0.33 -33.16	36.24 0.23 -31.84

EAST HAMPTON___GT 23717	45.94 3.26 -18.86	45.30 3.06 -18.88	40.54 2.83 -16.29	39.02 2.86 -14.34	37.20 3.09 -10.30	41.16 3.06 -14.70	41.84 3.35 -12.87	40.14 3.34 -12.38	39.50 3.84 -8.43	39.09 3.94 -7.82	42.41 3.89 -10.11	43.40 4.15 -8.92	49.12 4.18 -15.07	49.26 3.86 -17.48	52.40 3.77 -21.67	55.88 1.87 -40.53	73.29 2.77 -51.82	83.29 2.41 -64.84	76.49 3.15 -54.40	67.27 1.16 -58.40	56.06 1.18 -46.77	50.73 0.71 -45.01	39.82 0.85 -33.18	36.58 0.55 -31.86
EAST RIVER___6 23660	43.62 0.95 -18.85	43.09 0.86 -18.87	38.56 0.86 -16.28	37.03 0.87 -14.32	35.03 0.93 -10.29	38.97 0.89 -14.69	39.37 0.90 -12.85	37.81 1.03 -12.37	36.90 1.25 -8.42	36.48 1.34 -7.81	35.60 1.39 -5.80	35.18 1.46 -3.40	36.18 1.40 -4.90	36.84 1.34 -7.57	40.04 1.27 -11.81	46.63 0.58 -32.58	49.14 0.88 -29.56	60.37 0.69 -43.63	54.15 0.89 -34.31	49.26 0.38 -41.17	48.06 0.37 -39.57	44.60 0.24 -39.34	39.23 0.29 -33.16	36.18 0.17 -31.84
EAST RIVER___7 23524	43.62 0.95 -18.85	43.09 0.86 -18.87	38.56 0.86 -16.28	37.03 0.87 -14.32	35.03 0.93 -10.29	38.97 0.89 -14.69	39.37 0.90 -12.85	37.81 1.03 -12.37	36.90 1.25 -8.42	36.48 1.34 -7.81	35.60 1.39 -5.80	35.18 1.46 -3.40	36.18 1.40 -4.90	36.84 1.34 -7.57	40.04 1.27 -11.81	46.63 0.58 -32.58	49.14 0.88 -29.56	60.37 0.69 -43.63	54.15 0.89 -34.31	49.26 0.38 -41.17	48.06 0.37 -39.57	44.60 0.24 -39.34	39.23 0.29 -33.16	36.18 0.17 -31.84
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	43.70 1.07 -18.82	43.20 1.00 -18.83	38.59 0.92 -16.25	37.07 0.94 -14.30	35.10 1.02 -10.27	39.06 1.01 -14.66	39.50 1.05 -12.83	37.86 1.10 -12.35	36.91 1.28 -8.41	36.47 1.34 -7.79	35.62 1.42 -5.79	35.20 1.49 -3.40	36.23 1.46 -4.90	36.85 1.37 -7.56	40.07 1.32 -11.79	46.62 0.62 -32.52	49.13 0.92 -29.51	60.37 0.77 -43.56	54.15 0.95 -34.25	49.22 0.41 -41.10	48.04 0.41 -39.51	44.56 0.27 -39.27	39.19 0.31 -33.10	36.14 0.19 -31.79
EAST_HAMPTON___DIESEL 23722	45.96 3.29 -18.86	45.30 3.06 -18.88	40.56 2.85 -16.29	39.05 2.88 -14.34	37.20 3.09 -10.30	41.16 3.06 -14.70	41.84 3.35 -12.87	40.14 3.34 -12.38	39.50 3.84 -8.43	39.09 3.94 -7.82	42.41 3.89 -10.11	43.43 4.19 -8.92	49.12 4.18 -15.07	49.28 3.88 -17.48	52.40 3.77 -21.67	55.88 1.87 -40.53	73.29 2.77 -51.82	83.29 2.41 -64.84	76.49 3.15 -54.40	67.27 1.16 -58.40	56.06 1.18 -46.77	50.73 0.71 -45.01	39.82 0.85 -33.18	36.58 0.55 -31.86
EAST_PULASKI___ESR 323781	26.59 -0.33 -3.11	26.15 -0.33 -3.12	23.81 -0.30 -2.69	23.89 -0.31 -2.37	25.17 -0.33 -1.70	25.52 -0.30 -2.43	27.41 -0.33 -2.12	26.19 -0.27 -2.04	28.26 -0.35 -1.39	28.24 -0.38 -1.29	28.94 -0.43 -0.96	30.40 -0.49 -0.56	30.21 -0.48 -0.81	28.76 -0.42 -1.25	28.53 -0.38 -1.95	18.71 -0.15 -5.38	23.39 -0.19 -4.88	23.14 -0.11 -7.21	24.49 -0.13 -5.67	14.45 -0.06 -6.80	14.59 -0.06 -6.54	11.47 -0.05 -6.50	11.20 -0.06 -5.48	9.39 -0.04 -5.26
EAST_RIVER___1 323558	43.76 1.10 -18.85	43.23 1.00 -18.87	38.66 0.96 -16.28	37.11 0.96 -14.32	35.12 1.02 -10.29	39.09 1.01 -14.69	39.50 1.03 -12.85	37.93 1.15 -12.37	36.98 1.33 -8.42	36.56 1.42 -7.81	35.69 1.48 -5.80	35.27 1.55 -3.40	36.27 1.49 -4.90	36.92 1.42 -7.57	40.14 1.37 -11.81	46.69 0.63 -32.58	49.20 0.93 -29.56	60.45 0.77 -43.63	54.20 0.95 -34.31	49.29 0.41 -41.17	48.10 0.41 -39.57	44.62 0.27 -39.34	39.25 0.31 -33.16	36.20 0.19 -31.84
EAST_RIVER___2 323559	43.62 0.95 -18.85	43.09 0.86 -18.87	38.56 0.86 -16.28	37.03 0.87 -14.32	35.03 0.93 -10.29	38.97 0.89 -14.69	39.37 0.90 -12.85	37.81 1.03 -12.37	36.90 1.25 -8.42	36.48 1.34 -7.81	35.60 1.39 -5.80	35.18 1.46 -3.40	36.18 1.40 -4.90	36.84 1.34 -7.57	40.04 1.27 -11.81	46.63 0.58 -32.58	49.14 0.88 -29.56	60.37 0.69 -43.63	54.15 0.89 -34.31	49.26 0.38 -41.17	48.06 0.37 -39.57	44.60 0.24 -39.34	39.23 0.29 -33.16	36.18 0.17 -31.84
EAST___DELAWARE_HYD 23607	41.62 0.43 -17.38	41.13 0.37 -17.39	36.75 0.32 -15.01	35.36 0.33 -13.21	33.70 0.40 -9.49	37.33 0.40 -13.54	37.85 0.38 -11.85	36.26 0.44 -11.41	35.51 0.52 -7.76	34.99 0.46 -7.20	34.24 0.48 -5.35	33.91 0.46 -3.14	34.93 0.54 -4.52	35.47 0.56 -6.98	38.39 0.54 -10.89	43.81 0.30 -30.03	46.44 0.49 -27.25	56.69 0.42 -40.22	51.17 0.59 -31.63	45.89 0.22 -37.96	44.83 0.23 -36.48	41.41 0.13 -36.27	36.50 0.14 -30.57	33.60 0.08 -29.35
EIGHT_POINT___WT_PWR 323820	30.00 0.24 -5.95	29.58 0.26 -5.96	26.80 0.24 -5.14	26.57 0.22 -4.52	27.32 0.26 -3.25	28.22 0.19 -4.64	29.83 0.15 -4.06	28.32 0.00 -3.91	29.64 -0.25 -2.66	29.44 -0.36 -2.46	30.04 -0.20 -1.83	31.21 -0.18 -1.07	31.25 -0.18 -1.55	30.01 -0.31 -2.39	30.26 -0.43 -3.73	23.61 -0.15 -10.28	27.84 -0.19 -9.33	29.68 -0.14 -13.77	29.56 -0.23 -10.83	20.68 -0.03 -13.00	20.60 -0.01 -12.49	17.44 0.00 -12.42	16.25 0.00 -10.47	14.26 0.04 -10.05
ELBRIDGE_115KV_TB2 80188	27.71 -0.10 -3.99	27.24 -0.12 -3.99	24.78 -0.09 -3.44	24.75 -0.11 -3.03	25.86 -0.12 -2.18	26.38 -0.12 -3.11	28.21 -0.13 -2.72	26.88 -0.15 -2.62	28.76 -0.25 -1.78	28.74 -0.25 -1.65	29.41 -0.23 -1.23	30.83 -0.21 -0.72	30.73 -0.18 -1.04	29.36 -0.17 -1.60	29.30 -0.16 -2.50	20.33 -0.04 -6.89	24.93 -0.02 -6.25	25.29 0.02 -9.23	26.21 0.00 -7.26	16.44 0.02 -8.71	16.51 0.02 -8.37	13.35 0.02 -8.32	12.80 0.01 -7.01	10.91 0.01 -6.74
ELEC_TRO_TEK 24086	44.29 1.62 -18.86	43.78 1.54 -18.87	39.14 1.44 -16.28	37.62 1.46 -14.33	35.67 1.57 -10.29	39.65 1.57 -14.69	40.11 1.64 -12.86	38.45 1.66 -12.37	37.55 1.91 -8.42	37.04 1.89 -7.82	40.45 1.93 -10.11	41.28 2.03 -8.92	46.91 1.97 -15.07	47.25 1.84 -17.48	50.41 1.78 -21.67	54.87 0.86 -40.53	71.77 1.25 -51.82	81.94 1.06 -64.84	74.69 1.35 -54.40	66.65 0.55 -58.39	55.44 0.55 -46.77	50.38 0.35 -45.01	39.39 0.43 -33.18	36.30 0.29 -31.85
ELLENBURG_WT_PWR 323604	23.58 -1.00 -0.77	23.15 -0.98 -0.77	21.21 -0.88 -0.66	21.80 -0.61 -0.58	23.58 -0.64 -0.42	23.62 -0.38 -0.60	26.04 -0.10 -0.52	24.99 0.07 -0.50	27.87 0.30 -0.34	27.90 0.25 -0.32	28.45 -0.20 -0.24	30.10 -0.36 -0.14	29.57 -0.51 -0.20	28.01 -0.22 -0.31	27.39 -0.05 -0.48	14.56 -0.24 -1.33	19.16 -0.75 -1.21	16.98 -0.85 -1.78	19.56 -0.80 -1.40	8.74 -0.65 -1.68	8.95 -0.79 -1.61	6.10 -0.52 -1.60	6.58 -0.56 -1.35	5.07 -0.40 -1.30
ELM_ST_23_KV_LD_REV_LBMP_A 345012	28.37 -0.50 -5.06	28.08 -0.35 -5.06	25.40 -0.39 -4.37	25.35 -0.33 -3.84	26.19 -0.38 -2.76	26.80 -0.54 -3.94	28.43 -0.64 -3.45	26.73 -1.00 -3.32	28.10 -1.39 -2.26	27.98 -1.45 -2.09	28.74 -1.22 -1.56	29.96 -1.27 -0.91	29.94 -1.25 -1.32	28.70 -1.26 -2.03	28.75 -1.37 -3.17	21.61 -0.61 -8.74	25.83 -0.80 -7.93	27.05 -0.71 -11.71	27.29 -0.87 -9.21	18.51 -0.25 -11.05	18.51 -0.23 -10.62	15.46 -0.12 -10.56	14.57 -0.11 -8.90	12.70 -0.02 -8.54
EMPIRE_CC_1 323656	46.38 0.60 -21.97	45.96 0.61 -21.99	40.95 0.56 -18.97	39.12 0.59 -16.70	36.45 0.64 -12.00	41.12 0.61 -17.12	41.27 0.66 -14.98	39.37 0.54 -14.42	37.69 0.65 -9.81	37.09 0.65 -9.10	35.82 0.65 -6.76	34.99 0.70 -3.97	36.28 0.69 -5.72	37.40 0.64 -8.83	41.32 0.59 -13.77	51.69 0.24 -37.97	53.51 0.35 -34.46	67.19 0.29 -50.86	59.26 0.32 -39.99	55.84 0.13 -47.99	54.38 0.14 -46.13	50.96 0.09 -45.86	44.54 0.10 -38.65	41.36 0.08 -37.11

EMPIRE_CC_2 323658	46.38 0.60 -21.97	45.96 0.61 -21.99	40.95 0.56 -18.97	39.12 0.59 -16.70	36.45 0.64 -12.00	41.12 0.61 -17.12	41.27 0.66 -14.98	39.37 0.54 -14.42	37.69 0.65 -9.81	37.09 0.65 -9.10	35.82 0.65 -6.76	34.99 0.70 -3.97	36.28 0.69 -5.72	37.40 0.64 -8.83	41.32 0.59 -13.77	51.69 0.24 -37.97	53.51 0.35 -34.46	67.19 0.29 -50.86	59.26 0.32 -39.99	55.84 0.13 -47.99	54.38 0.14 -46.13	50.96 0.09 -45.86	44.54 0.10 -38.65	41.36 0.08 -37.11
ENORWICH_115KV_TB1 80156	33.22 1.67 -7.74	32.80 1.68 -7.75	29.69 1.59 -6.69	29.26 1.55 -5.88	29.75 1.71 -4.23	31.11 1.68 -6.03	32.69 1.79 -5.28	31.45 1.95 -5.08	32.67 1.99 -3.46	32.45 1.91 -3.21	32.66 1.87 -2.38	33.69 1.97 -1.40	33.68 1.79 -2.01	32.80 1.76 -3.11	33.51 1.70 -4.85	27.76 0.90 -13.38	32.23 1.38 -12.14	35.22 1.25 -17.92	34.45 1.40 -14.09	25.17 0.55 -16.91	24.95 0.58 -16.26	21.50 0.33 -16.16	19.79 0.38 -13.62	17.54 0.30 -13.08
ERIE_ST__34_KV_TB1-2 80199	28.31 -0.64 -5.14	28.02 -0.49 -5.15	25.35 -0.51 -4.44	25.26 -0.48 -3.91	26.09 -0.52 -2.81	26.72 -0.68 -4.01	28.33 -0.79 -3.51	26.71 -1.07 -3.38	28.08 -1.44 -2.30	27.93 -1.53 -2.13	28.68 -1.31 -1.58	29.91 -1.33 -0.93	29.90 -1.31 -1.34	28.65 -1.34 -2.07	28.70 -1.48 -3.22	21.72 -0.65 -8.89	25.90 -0.86 -8.07	27.21 -0.74 -11.90	27.40 -0.91 -9.36	18.68 -0.27 -11.23	18.66 -0.25 -10.80	15.61 -0.14 -10.73	14.69 -0.14 -9.04	12.81 -0.05 -8.69
ERIE_WT_PWR 323693	28.52 -0.40 -5.11	28.20 -0.28 -5.12	25.54 -0.30 -4.42	25.45 -0.26 -3.89	26.29 -0.31 -2.79	26.91 -0.47 -3.98	28.54 -0.56 -3.49	26.86 -0.90 -3.36	28.23 -1.28 -2.28	28.14 -1.31 -2.12	28.87 -1.11 -1.57	30.12 -1.12 -0.92	30.10 -1.10 -1.33	28.84 -1.15 -2.05	28.90 -1.27 -3.20	21.76 -0.55 -8.84	25.97 -0.75 -8.02	27.24 -0.64 -11.83	27.46 -0.80 -9.31	18.67 -0.22 -11.17	18.65 -0.20 -10.73	15.58 -0.10 -10.67	14.68 -0.09 -8.99	12.80 0.00 -8.64
ESPRGFLD_115KV_TB1 80157	24.11 1.00 0.71	23.71 1.05 0.71	21.75 0.94 0.61	22.23 0.94 0.54	24.44 1.02 0.39	23.85 1.01 0.55	26.26 1.13 0.48	25.14 1.20 0.46	28.19 1.28 0.32	28.30 1.26 0.29	29.47 1.28 0.22	31.47 1.27 0.13	30.98 1.28 0.18	28.87 1.23 0.28	27.76 1.24 0.44	12.92 0.66 1.22	18.56 0.97 1.11	15.33 0.91 1.63	18.77 1.10 1.29	6.59 0.42 1.54	7.07 0.43 1.48	3.79 0.25 1.47	4.81 0.27 1.24	3.16 0.18 1.19
ETNA_115_KV_TB1_REV_LBMP_C 345029	30.46 0.50 -6.14	29.98 0.47 -6.15	27.17 0.45 -5.30	26.93 0.44 -4.67	27.63 0.48 -3.35	28.67 0.49 -4.78	30.32 0.51 -4.19	28.98 0.54 -4.03	30.46 0.49 -2.74	30.31 0.44 -2.54	30.75 0.45 -1.89	31.94 0.52 -1.11	32.01 0.54 -1.60	30.87 0.47 -2.47	31.27 0.46 -3.85	24.37 0.28 -10.61	28.78 0.45 -9.63	30.69 0.43 -14.21	30.60 0.47 -11.18	21.35 0.22 -13.41	21.25 0.24 -12.89	17.97 0.14 -12.82	16.73 0.14 -10.80	14.65 0.11 -10.37
ETNA_____115KV_TB2 80207	30.46 0.50 -6.14	29.98 0.47 -6.15	27.17 0.45 -5.30	26.93 0.44 -4.67	27.63 0.48 -3.35	28.67 0.49 -4.78	30.32 0.51 -4.19	28.98 0.54 -4.03	30.46 0.49 -2.74	30.31 0.44 -2.54	30.75 0.45 -1.89	31.94 0.52 -1.11	32.01 0.54 -1.60	30.87 0.47 -2.47	31.27 0.46 -3.85	24.37 0.28 -10.61	28.78 0.45 -9.63	30.69 0.43 -14.21	30.60 0.47 -11.18	21.35 0.22 -13.41	21.25 0.24 -12.89	17.97 0.14 -12.82	16.73 0.14 -10.80	14.65 0.11 -10.37
EUCLID___115KV_TB2 356179	27.13 -0.26 -3.58	26.69 -0.26 -3.58	24.27 -0.24 -3.09	24.28 -0.26 -2.72	25.47 -0.29 -1.95	25.90 -0.28 -2.79	27.72 -0.33 -2.44	26.44 -0.32 -2.35	28.39 -0.44 -1.60	28.38 -0.44 -1.48	29.11 -0.40 -1.10	30.54 -0.42 -0.65	30.45 -0.36 -0.93	29.00 -0.36 -1.44	28.85 -0.35 -2.24	19.52 -0.13 -6.18	24.16 -0.15 -5.61	24.21 -0.11 -8.28	25.31 -0.15 -6.51	15.48 -0.04 -7.81	15.59 -0.03 -7.51	12.45 -0.03 -7.46	12.04 -0.03 -6.29	10.19 -0.02 -6.04
E_CANADA_CAP_HY 24051	53.73 1.12 -28.80	53.38 1.19 -28.82	47.34 1.05 -24.87	44.76 1.05 -21.88	40.65 1.12 -15.72	46.95 1.12 -22.44	46.54 1.28 -19.64	44.63 1.32 -18.90	41.53 1.44 -12.86	40.63 1.37 -11.93	38.66 1.39 -8.86	36.92 1.40 -5.20	38.80 1.43 -7.49	40.86 1.37 -11.57	46.46 1.45 -18.05	64.01 0.77 -49.77	64.95 1.08 -45.16	83.78 1.08 -66.65	72.65 1.29 -52.41	71.09 0.48 -62.90	69.06 0.49 -60.46	65.39 0.28 -60.10	56.72 0.28 -50.65	53.00 0.19 -48.64
E_CANADA_MHWK_HY 24050	24.98 0.57 -0.60	24.52 0.56 -0.60	22.45 0.51 -0.52	22.81 0.52 -0.45	24.68 0.55 -0.33	24.40 0.54 -0.47	26.61 0.59 -0.41	25.41 0.61 -0.39	28.17 0.68 -0.27	28.24 0.65 -0.25	29.24 0.65 -0.18	31.07 0.64 -0.11	30.60 0.57 -0.16	28.67 0.50 -0.24	27.76 0.43 -0.37	14.65 0.13 -1.03	19.75 0.11 -0.94	17.50 0.06 -1.38	20.02 -0.02 -1.09	9.03 0.02 -1.31	9.38 0.01 -1.26	6.28 0.02 -1.25	6.87 0.03 -1.05	5.20 0.03 -1.01
E_FISHKILL___LBMP 23776	43.93 0.95 -19.17	43.46 0.91 -19.18	38.81 0.84 -16.55	37.25 0.85 -14.57	35.20 0.93 -10.46	39.24 0.91 -14.93	39.64 0.95 -13.07	37.97 0.98 -12.58	36.93 1.14 -8.56	36.45 1.18 -7.94	35.56 1.25 -5.90	35.09 1.30 -3.46	36.15 1.28 -4.99	36.83 1.20 -7.70	40.13 1.16 -12.01	47.15 0.55 -33.12	49.56 0.80 -30.06	61.08 0.67 -44.36	54.67 0.83 -34.88	49.93 0.35 -41.86	48.72 0.37 -40.24	45.25 0.23 -40.00	39.77 0.27 -33.71	36.71 0.17 -32.37
FALCON___SEABRD_CC1 323796	23.92 -0.67 -0.77	23.46 -0.68 -0.77	21.47 -0.62 -0.67	22.09 -0.33 -0.59	23.89 -0.33 -0.42	23.95 -0.05 -0.60	26.43 0.28 -0.53	25.33 0.41 -0.51	28.25 0.68 -0.34	28.28 0.63 -0.32	28.84 0.20 -0.24	30.52 0.06 -0.14	29.99 -0.09 -0.20	28.38 0.14 -0.31	27.74 0.30 -0.48	14.74 -0.07 -1.33	19.42 -0.49 -1.21	17.21 -0.63 -1.79	19.83 -0.53 -1.40	8.85 -0.55 -1.69	9.05 -0.69 -1.62	6.18 -0.45 -1.61	6.66 -0.49 -1.36	5.13 -0.35 -1.30
FALCON___SEABRD_CC2 323797	23.92 -0.67 -0.77	23.46 -0.68 -0.77	21.47 -0.62 -0.67	22.09 -0.33 -0.59	23.89 -0.33 -0.42	23.95 -0.05 -0.60	26.43 0.28 -0.53	25.33 0.41 -0.51	28.25 0.68 -0.34	28.28 0.63 -0.32	28.84 0.20 -0.24	30.52 0.06 -0.14	29.99 -0.09 -0.20	28.38 0.14 -0.31	27.74 0.30 -0.48	14.74 -0.07 -1.33	19.42 -0.49 -1.21	17.21 -0.63 -1.79	19.83 -0.53 -1.40	8.85 -0.55 -1.69	9.05 -0.69 -1.62	6.18 -0.45 -1.61	6.66 -0.49 -1.36	5.13 -0.35 -1.30
FAR ROCKAWAY___4 23548	44.65 1.98 -18.86	44.10 1.87 -18.87	39.44 1.74 -16.28	37.92 1.77 -14.33	36.00 1.90 -10.29	39.96 1.87 -14.69	40.47 2.00 -12.86	38.79 2.00 -12.37	37.94 2.29 -8.42	37.45 2.30 -7.82	40.82 2.30 -10.11	41.70 2.46 -8.92	47.36 2.42 -15.07	47.66 2.26 -17.48	50.79 2.16 -21.67	55.06 1.05 -40.53	71.97 1.46 -51.82	82.12 1.24 -64.83	74.85 1.50 -54.40	66.73 0.63 -58.39	55.57 0.68 -46.77	50.46 0.43 -45.01	39.49 0.52 -33.18	36.36 0.35 -31.85
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	43.78 1.12 -18.85	43.26 1.03 -18.87	38.68 0.99 -16.28	37.14 0.98 -14.33	35.15 1.05 -10.29	39.11 1.03 -14.69	39.52 1.05 -12.86	37.95 1.17 -12.37	37.01 1.36 -8.42	36.59 1.45 -7.81	35.71 1.51 -5.80	35.30 1.58 -3.40	36.30 1.52 -4.90	36.92 1.42 -7.57	40.17 1.40 -11.81	46.70 0.65 -32.58	49.20 0.93 -29.56	60.46 0.79 -43.63	54.22 0.97 -34.31	49.30 0.42 -41.17	48.11 0.42 -39.57	44.63 0.27 -39.34	39.27 0.32 -33.16	36.20 0.20 -31.84

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	43.78 1.12 -18.85	43.26 1.03 -18.87	38.68 0.99 -16.28	37.14 0.98 -14.33	35.15 1.05 -10.29	39.11 1.03 -14.69	39.55 1.08 -12.86	37.95 1.17 -12.37	37.01 1.36 -8.42	36.59 1.45 -7.81	35.71 1.51 -5.80	35.30 1.58 -3.40	36.30 1.52 -4.90	36.95 1.45 -7.57	40.17 1.40 -11.81	46.70 0.65 -32.58	49.21 0.95 -29.56	60.46 0.79 -43.63	54.22 0.97 -34.31	49.30 0.42 -41.17	48.11 0.42 -39.57	44.63 0.27 -39.34	39.27 0.32 -33.16	36.20 0.20 -31.84
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	43.76 1.10 -18.85	43.26 1.03 -18.87	38.66 0.96 -16.28	37.11 0.96 -14.33	35.15 1.05 -10.29	39.11 1.03 -14.69	39.52 1.05 -12.86	37.93 1.15 -12.37	37.01 1.36 -8.42	36.59 1.45 -7.81	35.69 1.48 -5.80	35.27 1.55 -3.40	36.30 1.52 -4.90	36.92 1.42 -7.57	40.15 1.37 -11.81	46.69 0.63 -32.58	49.20 0.93 -29.56	60.45 0.77 -43.63	54.21 0.95 -34.31	49.29 0.41 -41.17	48.11 0.41 -39.57	44.63 0.27 -39.34	39.26 0.32 -33.16	36.20 0.19 -31.84
FARRAGUT___LBMP 323566	43.76 1.10 -18.85	43.23 1.00 -18.87	38.66 0.96 -16.28	37.11 0.96 -14.33	35.12 1.02 -10.29	39.09 1.01 -14.69	39.50 1.02 -12.86	37.93 1.15 -12.37	36.98 1.33 -8.42	36.56 1.42 -7.81	35.69 1.48 -5.80	35.24 1.52 -3.40	36.27 1.49 -4.90	36.90 1.40 -7.57	40.12 1.35 -11.81	46.67 0.62 -32.58	49.18 0.92 -29.56	60.45 0.77 -43.63	54.19 0.93 -34.31	49.29 0.41 -41.17	48.10 0.41 -39.57	44.62 0.27 -39.34	39.25 0.31 -33.16	36.20 0.19 -31.84
FENNER___WINDPWR 24204	28.01 0.40 -3.79	27.56 0.40 -3.80	25.08 0.39 -3.28	25.08 0.37 -2.88	26.28 0.40 -2.07	26.77 0.42 -2.96	28.67 0.46 -2.59	27.41 0.51 -2.49	29.44 0.52 -1.69	29.40 0.49 -1.57	30.06 0.48 -1.17	31.52 0.51 -0.69	31.34 0.48 -0.99	29.90 0.45 -1.52	29.79 0.46 -2.38	20.28 0.24 -6.56	25.00 0.35 -5.95	25.15 0.32 -8.78	26.20 0.34 -6.91	16.15 0.15 -8.29	16.23 0.15 -7.97	13.02 0.08 -7.92	12.55 0.09 -6.67	10.66 0.08 -6.41
FIBERTEK___ENERGY 23856	27.68 0.00 -3.87	27.21 -0.02 -3.87	24.76 0.00 -3.34	24.74 -0.02 -2.94	25.89 -0.02 -2.11	26.38 -0.02 -3.01	28.23 -0.03 -2.64	26.92 -0.02 -2.54	28.84 -0.11 -1.73	28.83 -0.11 -1.60	29.51 -0.09 -1.19	30.96 -0.06 -0.70	30.88 0.00 -1.01	29.45 -0.03 -1.55	29.35 -0.03 -2.42	20.19 0.03 -6.68	24.84 0.07 -6.06	25.09 0.10 -8.95	26.06 0.08 -7.04	16.21 0.05 -8.44	16.30 0.06 -8.12	13.12 0.04 -8.07	12.61 0.03 -6.80	10.72 0.03 -6.53
FITZPATRICK____ 23598	26.05 -0.59 -2.83	25.61 -0.58 -2.83	23.33 -0.53 -2.44	23.41 -0.57 -2.15	24.73 -0.62 -1.54	24.99 -0.61 -2.20	26.88 -0.67 -1.93	25.61 -0.66 -1.86	27.73 -0.76 -1.26	27.74 -0.77 -1.17	28.48 -0.80 -0.87	30.01 -0.82 -0.51	29.81 -0.81 -0.74	28.31 -0.75 -1.14	28.00 -0.73 -1.77	18.04 -0.32 -4.89	22.70 -0.43 -4.43	22.24 -0.35 -6.54	23.66 -0.44 -5.14	13.72 -0.16 -6.17	13.89 -0.16 -5.93	10.81 -0.11 -5.90	10.64 -0.12 -4.97	8.86 -0.08 -4.77
FLOWRFLD_69_KV_BK1 356044	45.00 2.33 -18.86	44.41 2.17 -18.87	39.72 2.01 -16.28	38.19 2.03 -14.33	36.29 2.19 -10.29	40.26 2.18 -14.69	40.81 2.33 -12.86	39.15 2.37 -12.37	38.34 2.70 -8.42	37.89 2.73 -7.82	41.24 2.73 -10.11	42.16 2.91 -8.92	47.81 2.87 -15.07	48.08 2.68 -17.48	51.24 2.61 -21.67	55.32 1.31 -40.53	72.45 1.93 -51.82	82.54 1.65 -64.84	75.53 2.18 -54.40	66.93 0.83 -58.40	55.71 0.83 -46.77	50.53 0.51 -45.01	39.58 0.61 -33.18	36.42 0.40 -31.85
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	43.99 1.17 -19.01	43.51 1.12 -19.02	38.84 1.01 -16.42	37.30 1.03 -14.45	35.33 1.14 -10.38	39.33 1.12 -14.81	39.76 1.18 -12.96	38.06 1.17 -12.48	37.08 1.36 -8.49	36.54 1.34 -7.87	35.68 1.42 -5.85	35.24 1.49 -3.43	36.34 1.52 -4.94	37.02 1.45 -7.64	40.27 1.40 -11.91	47.03 0.70 -32.85	49.54 1.03 -29.81	60.91 0.87 -44.00	54.61 1.06 -34.59	49.68 0.45 -41.52	48.49 0.46 -39.91	44.96 0.28 -39.67	39.54 0.32 -33.44	36.48 0.20 -32.11
FORT ORANGE____ 23900	47.00 0.60 -22.59	46.58 0.61 -22.61	41.46 0.54 -19.51	39.54 0.55 -17.17	36.73 0.60 -12.33	41.58 0.59 -17.60	41.69 0.66 -15.41	39.80 0.56 -14.83	38.00 0.68 -10.09	37.37 0.68 -9.35	36.07 0.71 -6.95	35.19 0.79 -4.08	36.29 0.54 -5.88	37.48 0.47 -9.07	41.57 0.46 -14.16	52.73 0.21 -39.04	54.39 0.26 -35.43	68.59 0.26 -52.28	60.35 0.28 -41.11	57.16 0.11 -49.34	55.65 0.11 -47.42	52.23 0.07 -47.14	45.59 0.07 -39.73	42.37 0.04 -38.16
FORT_DRUM_COGEN 23780	25.76 -0.31 -2.26	25.34 -0.28 -2.26	23.13 -0.24 -1.95	23.30 -0.24 -1.71	24.78 -0.26 -1.23	24.99 -0.16 -1.76	27.00 -0.15 -1.54	25.94 0.05 -1.48	28.23 0.00 -1.01	28.19 -0.08 -0.93	28.76 -0.34 -0.69	30.27 -0.45 -0.41	29.86 -0.60 -0.59	28.44 -0.39 -0.91	28.08 -0.30 -1.41	17.24 -0.13 -3.90	22.07 -0.17 -3.54	21.20 -0.06 -5.22	23.04 -0.02 -4.10	12.55 -0.09 -4.93	12.73 -0.12 -4.73	9.63 -0.10 -4.71	9.65 -0.10 -3.97	7.91 -0.07 -3.81
FOX_HILLS___ESR 323835	44.17 1.50 -18.86	43.64 1.40 -18.87	39.04 1.33 -16.29	37.49 1.33 -14.33	35.53 1.43 -10.30	39.47 1.38 -14.70	39.70 1.23 -12.86	38.03 1.24 -12.37	37.06 1.42 -8.42	36.70 1.56 -7.81	35.83 1.62 -5.80	35.39 1.67 -3.40	36.42 1.64 -4.90	37.04 1.54 -7.57	40.31 1.54 -11.81	46.76 0.70 -32.58	49.37 1.10 -29.57	60.63 0.95 -43.63	54.42 1.16 -34.31	49.38 0.49 -41.18	48.17 0.48 -39.58	44.68 0.32 -39.34	39.33 0.39 -33.16	36.28 0.26 -31.85
FPL_FAR_ROCK_GT1 24212	44.65 1.98 -18.86	44.11 1.87 -18.88	39.45 1.73 -16.29	37.93 1.77 -14.34	36.01 1.91 -10.30	39.96 1.87 -14.70	40.48 2.00 -12.87	38.80 2.00 -12.38	37.94 2.29 -8.43	37.45 2.30 -7.82	40.82 2.30 -10.11	41.70 2.45 -8.92	47.36 2.42 -15.07	47.66 2.26 -17.48	50.79 2.16 -21.67	55.06 1.05 -40.53	71.97 1.46 -51.82	82.12 1.24 -64.83	74.84 1.50 -54.40	66.73 0.63 -58.39	55.57 0.68 -46.77	50.46 0.43 -45.01	39.49 0.52 -33.18	36.37 0.35 -31.86
FPL_FAR_ROCK_GT2 23815	44.65 1.98 -18.86	44.11 1.87 -18.88	39.45 1.73 -16.29	37.93 1.77 -14.34	36.01 1.91 -10.30	39.96 1.87 -14.70	40.48 2.00 -12.87	38.80 2.00 -12.38	37.94 2.29 -8.43	37.45 2.30 -7.82	40.82 2.30 -10.11	41.70 2.45 -8.92	47.36 2.42 -15.07	47.66 2.26 -17.48	50.79 2.16 -21.67	55.06 1.05 -40.53	71.97 1.46 -51.82	82.12 1.24 -64.83	74.84 1.50 -54.40	66.73 0.63 -58.39	55.57 0.68 -46.77	50.46 0.43 -45.01	39.49 0.52 -33.18	36.37 0.35 -31.86
FRANKLIN_FALL_HYD 24054	23.89 -0.79 -0.86	23.45 -0.77 -0.86	21.43 -0.73 -0.74	22.02 -0.46 -0.65	23.80 -0.48 -0.47	23.88 -0.19 -0.67	26.30 0.10 -0.59	25.24 0.27 -0.56	28.18 0.57 -0.38	28.18 0.49 -0.36	28.67 0.00 -0.26	30.29 -0.18 -0.15	29.77 -0.33 -0.22	28.22 -0.06 -0.34	27.60 0.11 -0.54	14.80 -0.16 -1.48	19.43 -0.62 -1.35	17.31 -0.72 -1.99	19.87 -0.64 -1.56	9.01 -0.58 -1.87	9.21 -0.71 -1.80	6.36 -0.45 -1.79	6.81 -0.49 -1.51	5.27 -0.35 -1.45
FREEPORT_EQUS_GT1 23764	44.54 1.86 -18.86	44.00 1.75 -18.88	39.34 1.63 -16.29	37.80 1.64 -14.34	35.87 1.76 -10.30	39.85 1.76 -14.70	40.35 1.87 -12.87	38.67 1.88 -12.38	37.81 2.15 -8.43	37.32 2.16 -7.82	40.70 2.19 -10.11	41.52 2.28 -8.92	47.18 2.24 -15.07	47.50 2.10 -17.48	50.65 2.02 -21.67	54.94 0.93 -40.53	71.92 1.40 -51.82	82.06 1.17 -64.84	74.84 1.50 -54.40	66.71 0.60 -58.39	55.49 0.61 -46.77	50.43 0.40 -45.01	39.46 0.49 -33.18	36.35 0.33 -31.86

FREEPORT___CT2 23818	44.54 1.86 -18.86	44.00 1.75 -18.88	39.34 1.63 -16.29	37.80 1.64 -14.34	35.87 1.76 -10.30	39.85 1.76 -14.70	40.35 1.87 -12.87	38.67 1.88 -12.38	37.81 2.15 -8.43	37.32 2.16 -7.82	40.70 2.19 -10.11	41.52 2.28 -8.92	47.18 2.24 -15.07	47.50 2.10 -17.48	50.65 2.02 -21.67	54.94 0.93 -40.53	71.92 1.40 -51.82	82.06 1.17 -64.84	74.84 1.50 -54.40	66.71 0.60 -58.39	55.49 0.61 -46.77	50.43 0.40 -45.01	39.46 0.49 -33.18	36.35 0.33 -31.86
FRESHKLS_33_KV_LOAD 356253	44.27 1.60 -18.86	43.73 1.50 -18.87	39.12 1.41 -16.29	37.58 1.42 -14.33	35.65 1.55 -10.30	39.56 1.47 -14.70	39.81 1.33 -12.86	38.10 1.32 -12.37	37.09 1.44 -8.42	36.73 1.59 -7.81	35.86 1.65 -5.80	35.45 1.73 -3.40	36.45 1.67 -4.90	37.09 1.59 -7.57	40.34 1.56 -11.81	46.78 0.73 -32.58	49.40 1.14 -29.57	60.66 0.98 -43.63	54.47 1.21 -34.31	49.41 0.52 -41.18	48.20 0.50 -39.58	44.70 0.34 -39.34	39.36 0.41 -33.16	36.29 0.28 -31.85
FULTON COGEN____ 23766	26.88 -0.31 -3.38	26.42 -0.33 -3.38	24.04 -0.30 -2.92	24.07 -0.33 -2.57	25.32 -0.33 -1.85	25.70 -0.33 -2.63	27.54 -0.38 -2.31	26.26 -0.37 -2.22	28.27 -0.46 -1.51	28.27 -0.46 -1.40	28.99 -0.45 -1.04	30.48 -0.45 -0.61	30.34 -0.42 -0.88	28.89 -0.39 -1.36	28.70 -0.38 -2.12	19.17 -0.15 -5.84	23.83 -0.17 -5.30	23.76 -0.11 -7.82	24.91 -0.19 -6.15	15.05 -0.05 -7.38	15.17 -0.04 -7.10	12.04 -0.03 -7.05	11.68 -0.05 -5.95	9.85 -0.03 -5.71
FULTON___LFGE 323630	52.82 1.86 -27.15	52.50 1.96 -27.17	46.60 1.73 -23.44	44.21 1.75 -20.63	40.44 1.81 -14.82	46.39 1.85 -21.15	46.28 2.15 -18.51	44.38 2.15 -17.82	41.80 2.45 -12.13	40.93 2.35 -11.24	39.18 2.41 -8.36	37.71 2.49 -4.90	39.57 2.63 -7.06	41.40 2.57 -10.91	46.69 2.72 -17.01	61.80 1.40 -46.92	63.15 1.87 -42.58	80.68 1.80 -62.84	70.16 1.80 -49.41	67.77 0.76 -59.30	65.90 0.79 -56.99	62.12 0.45 -56.66	53.98 0.44 -47.75	50.32 0.29 -45.86
G.F.CEMENT___DRP 24184	48.85 1.64 -23.40	48.48 1.71 -23.41	43.12 1.50 -20.20	41.11 1.51 -17.78	38.15 1.57 -12.77	43.17 1.54 -18.23	43.31 1.74 -15.95	41.45 1.68 -15.35	39.61 1.93 -10.45	38.85 1.83 -9.69	37.51 1.90 -7.20	36.46 1.91 -4.22	37.93 1.97 -6.09	39.14 1.82 -9.40	43.37 1.75 -14.66	54.45 0.54 -40.43	56.12 0.73 -36.69	70.90 0.71 -54.15	62.32 0.80 -42.58	59.10 0.29 -51.10	57.52 0.29 -49.11	54.00 0.16 -48.82	47.11 0.17 -41.15	43.93 0.25 -39.52
GARDENVILLE___LBMP 24039	28.45 -0.48 -5.12	28.16 -0.33 -5.12	25.47 -0.36 -4.42	25.39 -0.33 -3.89	26.24 -0.36 -2.79	26.87 -0.51 -3.99	28.49 -0.61 -3.49	26.79 -0.98 -3.36	28.18 -1.33 -2.28	28.06 -1.39 -2.12	28.79 -1.19 -1.57	30.03 -1.21 -0.92	30.01 -1.20 -1.33	28.75 -1.23 -2.05	28.82 -1.35 -3.21	21.72 -0.59 -8.84	25.92 -0.80 -8.02	27.20 -0.69 -11.84	27.41 -0.85 -9.31	18.64 -0.25 -11.17	18.63 -0.23 -10.74	15.57 -0.12 -10.67	14.67 -0.11 -9.00	12.79 -0.02 -8.64
GARDNVLA_35_KV_LD 355827	28.55 -0.38 -5.11	28.25 -0.23 -5.12	25.56 -0.28 -4.42	25.47 -0.24 -3.89	26.31 -0.29 -2.79	26.96 -0.42 -3.98	28.59 -0.51 -3.49	26.89 -0.88 -3.36	28.29 -1.23 -2.28	28.17 -1.28 -2.12	28.93 -1.05 -1.57	30.15 -1.09 -0.92	30.13 -1.08 -1.33	28.89 -1.09 -2.05	28.92 -1.24 -3.20	21.79 -0.53 -8.84	26.01 -0.71 -8.02	27.27 -0.61 -11.83	27.50 -0.76 -9.31	18.67 -0.21 -11.17	18.67 -0.19 -10.73	15.59 -0.09 -10.67	14.69 -0.08 -8.99	12.80 0.00 -8.64
GELCKHM___115KV_LOAD 80723	27.34 -0.17 -3.70	26.88 -0.19 -3.70	24.46 -0.15 -3.19	24.46 -0.17 -2.81	25.63 -0.19 -2.02	26.09 -0.19 -2.88	27.91 -0.23 -2.52	26.62 -0.22 -2.43	28.58 -0.30 -1.65	28.56 -0.30 -1.53	29.26 -0.28 -1.14	30.71 -0.27 -0.67	30.60 -0.24 -0.96	29.16 -0.25 -1.48	29.06 -0.22 -2.32	19.80 -0.07 -6.39	24.42 -0.07 -5.79	24.57 -0.03 -8.55	25.62 -0.06 -6.72	15.78 -0.01 -8.07	15.88 0.00 -7.76	12.73 0.00 -7.71	12.27 -0.01 -6.50	10.41 0.00 -6.24
GENERAL___MILLS 23808	28.50 -0.43 -5.11	28.20 -0.28 -5.12	25.52 -0.32 -4.42	25.43 -0.28 -3.89	26.29 -0.31 -2.79	26.91 -0.47 -3.98	28.54 -0.56 -3.49	26.84 -0.93 -3.36	28.23 -1.28 -2.28	28.11 -1.34 -2.12	28.84 -1.14 -1.57	30.09 -1.15 -0.92	30.07 -1.14 -1.33	28.81 -1.17 -2.05	28.87 -1.29 -3.20	21.76 -0.55 -8.84	25.97 -0.75 -8.02	27.22 -0.66 -11.83	27.44 -0.81 -9.31	18.66 -0.22 -11.17	18.65 -0.20 -10.73	15.58 -0.11 -10.67	14.68 -0.10 -8.99	12.80 -0.01 -8.64
GE_PLASTICS___DRP 24183	46.94 0.50 -22.63	46.50 0.49 -22.65	41.41 0.45 -19.54	39.48 0.46 -17.20	36.66 0.50 -12.35	41.52 0.49 -17.63	41.61 0.56 -15.43	39.75 0.49 -14.85	37.93 0.60 -10.11	37.31 0.60 -9.37	36.00 0.62 -6.97	35.10 0.70 -4.09	36.42 0.66 -5.89	37.60 0.59 -9.09	41.68 0.54 -14.18	52.84 0.26 -39.11	54.54 0.36 -35.49	68.73 0.30 -52.37	60.48 0.34 -41.18	57.28 0.14 -49.43	55.77 0.15 -47.50	52.33 0.09 -47.23	45.69 0.10 -39.80	42.46 0.07 -38.22
GILBOA___1 23756	43.20 0.55 -18.84	42.76 0.54 -18.85	38.18 0.49 -16.27	36.65 0.50 -14.32	34.64 0.55 -10.29	38.61 0.54 -14.68	39.03 0.56 -12.85	37.31 0.54 -12.36	36.27 0.63 -8.41	35.76 0.63 -7.80	34.89 0.68 -5.80	34.45 0.73 -3.40	35.49 0.72 -4.90	36.16 0.67 -7.57	39.41 0.65 -11.80	46.33 0.30 -32.56	48.60 0.35 -29.54	59.95 0.30 -43.60	53.59 0.36 -34.28	49.02 0.16 -41.15	47.85 0.19 -39.55	44.46 0.13 -39.32	39.07 0.14 -33.14	36.08 0.10 -31.82
GILBOA___2 23757	43.20 0.55 -18.84	42.76 0.54 -18.85	38.18 0.49 -16.27	36.65 0.50 -14.32	34.64 0.55 -10.29	38.61 0.54 -14.68	39.03 0.56 -12.85	37.31 0.54 -12.36	36.27 0.63 -8.41	35.76 0.63 -7.80	34.89 0.68 -5.80	34.45 0.73 -3.40	35.49 0.72 -4.90	36.16 0.67 -7.57	39.41 0.65 -11.80	46.33 0.30 -32.56	48.60 0.35 -29.54	59.95 0.30 -43.60	53.59 0.36 -34.28	49.02 0.16 -41.15	47.85 0.19 -39.55	44.46 0.13 -39.32	39.07 0.14 -33.14	36.08 0.10 -31.82
GILBOA___3 23758	43.20 0.55 -18.84	42.76 0.54 -18.85	38.18 0.49 -16.27	36.65 0.50 -14.32	34.64 0.55 -10.29	38.61 0.54 -14.68	39.03 0.56 -12.85	37.31 0.54 -12.36	36.27 0.63 -8.41	35.76 0.63 -7.80	34.89 0.68 -5.80	34.45 0.73 -3.40	35.49 0.72 -4.90	36.16 0.67 -7.57	39.41 0.65 -11.80	46.33 0.30 -32.56	48.60 0.35 -29.54	59.95 0.30 -43.60	53.59 0.36 -34.28	49.02 0.16 -41.15	47.85 0.19 -39.55	44.46 0.13 -39.32	39.07 0.14 -33.14	36.08 0.10 -31.82
GILBOA___4 23759	43.20 0.55 -18.84	42.76 0.54 -18.85	38.18 0.49 -16.27	36.65 0.50 -14.32	34.64 0.55 -10.29	38.61 0.54 -14.68	39.03 0.56 -12.85	37.31 0.54 -12.36	36.27 0.63 -8.41	35.76 0.63 -7.80	34.89 0.68 -5.80	34.45 0.73 -3.40	35.49 0.72 -4.90	36.16 0.67 -7.57	39.41 0.65 -11.80	46.33 0.30 -32.56	48.60 0.35 -29.54	59.95 0.30 -43.60	53.59 0.36 -34.28	49.02 0.16 -41.15	47.85 0.19 -39.55	44.46 0.13 -39.32	39.07 0.14 -33.14	36.08 0.10 -31.82
GILBOA____ 23599	43.20 0.55 -18.84	42.76 0.54 -18.85	38.18 0.49 -16.27	36.65 0.50 -14.32	34.64 0.55 -10.29	38.61 0.54 -14.68	39.03 0.56 -12.85	37.31 0.54 -12.36	36.27 0.63 -8.41	35.76 0.63 -7.80	34.89 0.68 -5.80	34.45 0.73 -3.40	35.49 0.72 -4.90	36.16 0.67 -7.57	39.41 0.65 -11.80	46.33 0.30 -32.56	48.60 0.36 -29.54	59.95 0.30 -43.60	53.60 0.36 -34.28	49.02 0.16 -41.15	47.85 0.19 -39.55	44.46 0.13 -39.32	39.07 0.14 -33.14	36.08 0.10 -31.82

GINNA____ 23603	27.01 -1.10 -4.29	26.63 -1.03 -4.30	24.16 -0.96 -3.71	24.06 -1.03 -3.26	24.98 -1.17 -2.34	25.52 -1.22 -3.34	27.26 -1.28 -2.93	25.89 -1.34 -2.82	27.46 -1.69 -1.92	27.47 -1.64 -1.78	28.14 -1.59 -1.32	29.40 -1.70 -0.78	29.38 -1.61 -1.12	28.14 -1.51 -1.72	28.14 -1.51 -2.69	20.18 -0.71 -7.42	24.48 -0.95 -6.73	25.23 -0.75 -9.94	25.82 -0.95 -7.81	16.74 -0.35 -9.38	16.80 -0.33 -9.01	13.76 -0.22 -8.96	13.07 -0.27 -7.55	11.26 -0.15 -7.25
GLEN PARK____ 23778	25.90 -0.24 -2.32	25.48 -0.21 -2.33	23.26 -0.17 -2.01	23.42 -0.18 -1.77	24.88 -0.19 -1.27	25.11 -0.09 -1.81	27.12 -0.08 -1.58	26.08 0.15 -1.52	28.32 0.05 -1.04	28.27 -0.03 -0.96	28.84 -0.28 -0.72	30.34 -0.40 -0.42	29.94 -0.54 -0.60	28.50 -0.36 -0.93	28.17 -0.24 -1.46	17.40 -0.09 -4.02	22.25 -0.09 -3.64	21.44 0.02 -5.38	23.26 0.08 -4.23	12.73 -0.05 -5.08	12.92 -0.08 -4.88	9.80 -0.07 -4.85	9.79 -0.08 -4.09	8.04 -0.05 -3.92
GLENDALDE_27_KV_LOAD 356172	44.00 1.33 -18.85	43.47 1.24 -18.87	38.88 1.18 -16.28	37.33 1.18 -14.33	35.36 1.26 -10.29	39.28 1.19 -14.69	39.63 1.15 -12.86	38.00 1.22 -12.37	37.09 1.44 -8.42	36.70 1.56 -7.81	35.83 1.62 -5.80	35.42 1.70 -3.40	36.42 1.64 -4.90	37.06 1.56 -7.57	40.28 1.51 -11.81	46.76 0.70 -32.58	49.33 1.07 -29.57	60.58 0.90 -43.63	54.36 1.10 -34.31	49.36 0.47 -41.18	48.16 0.46 -39.58	44.66 0.30 -39.34	39.30 0.35 -33.16	36.24 0.23 -31.84
GLENWOOD_IC_1_G5 23712	44.19 1.52 -18.86	43.66 1.43 -18.87	39.03 1.33 -16.28	37.51 1.35 -14.33	35.55 1.45 -10.29	39.54 1.45 -14.69	40.01 1.54 -12.86	38.35 1.56 -12.37	37.45 1.80 -8.42	36.99 1.83 -7.82	40.42 1.90 -10.11	41.25 2.00 -8.92	46.91 1.97 -15.07	47.25 1.84 -17.48	50.41 1.78 -21.67	54.86 0.85 -40.53	71.70 1.18 -51.82	81.88 0.99 -64.84	74.58 1.23 -54.40	66.62 0.52 -58.39	55.44 0.55 -46.77	50.38 0.35 -45.01	39.38 0.41 -33.18	36.28 0.27 -31.85
GLENWOOD_IC_2_G1 23688	44.03 1.36 -18.86	43.53 1.28 -18.88	38.91 1.20 -16.29	37.36 1.20 -14.34	35.42 1.31 -10.30	39.38 1.29 -14.70	39.84 1.36 -12.87	38.18 1.39 -12.38	37.26 1.61 -8.43	36.80 1.64 -7.82	40.22 1.70 -10.11	41.03 1.79 -8.92	46.70 1.76 -15.07	47.08 1.68 -17.48	50.22 1.59 -21.67	54.78 0.77 -40.53	71.64 1.12 -51.82	81.81 0.93 -64.83	74.50 1.16 -54.40	66.59 0.49 -58.39	55.39 0.50 -46.77	50.34 0.32 -45.01	39.34 0.38 -33.18	36.26 0.24 -31.86
GLENWOOD_IC_3_G1 23689	44.03 1.36 -18.86	43.53 1.28 -18.88	38.91 1.20 -16.29	37.36 1.20 -14.34	35.42 1.31 -10.30	39.38 1.29 -14.70	39.84 1.36 -12.87	38.18 1.39 -12.38	37.26 1.61 -8.43	36.80 1.64 -7.82	40.22 1.70 -10.11	41.03 1.79 -8.92	46.70 1.76 -15.07	47.08 1.68 -17.48	50.22 1.59 -21.67	54.78 0.77 -40.53	71.64 1.12 -51.82	81.81 0.93 -64.83	74.50 1.16 -54.40	66.59 0.49 -58.39	55.39 0.50 -46.77	50.34 0.32 -45.01	39.34 0.38 -33.18	36.26 0.24 -31.86
GLENWOOD____4 23550	44.19 1.52 -18.86	43.66 1.43 -18.87	39.03 1.33 -16.28	37.51 1.35 -14.33	35.55 1.45 -10.29	39.54 1.45 -14.69	40.01 1.54 -12.86	38.35 1.56 -12.37	37.45 1.80 -8.42	36.99 1.83 -7.82	40.42 1.90 -10.11	41.25 2.00 -8.92	46.91 1.97 -15.07	47.25 1.84 -17.48	50.41 1.78 -21.67	54.86 0.85 -40.53	71.73 1.22 -51.82	81.89 1.01 -64.84	74.60 1.25 -54.40	66.63 0.52 -58.39	55.44 0.55 -46.77	50.38 0.35 -45.01	39.38 0.41 -33.18	36.28 0.27 -31.85
GLENWOOD____5 23614	44.19 1.52 -18.86	43.66 1.43 -18.87	39.03 1.33 -16.28	37.51 1.35 -14.33	35.55 1.45 -10.29	39.54 1.45 -14.69	40.01 1.54 -12.86	38.35 1.56 -12.37	37.45 1.80 -8.42	36.99 1.83 -7.82	40.42 1.90 -10.11	41.25 2.00 -8.92	46.91 1.97 -15.07	47.25 1.84 -17.48	50.41 1.78 -21.67	54.86 0.85 -40.53	71.73 1.22 -51.82	81.89 1.01 -64.84	74.60 1.25 -54.40	66.63 0.52 -58.39	55.44 0.55 -46.77	50.38 0.35 -45.01	39.38 0.41 -33.18	36.28 0.27 -31.85
GLOBAL GREEN_PORT_GT1 23814	45.89 3.21 -18.86	45.26 3.02 -18.88	40.49 2.78 -16.29	38.98 2.82 -14.34	37.16 3.05 -10.30	41.11 3.02 -14.70	41.79 3.31 -12.87	40.09 3.29 -12.38	39.44 3.78 -8.43	39.04 3.88 -7.82	42.35 3.83 -10.11	43.34 4.09 -8.92	49.07 4.12 -15.07	49.23 3.83 -17.48	52.35 3.72 -21.67	55.86 1.85 -40.53	73.25 2.73 -51.82	83.26 2.37 -64.84	76.40 3.05 -54.40	67.26 1.15 -58.40	56.05 1.16 -46.77	50.72 0.70 -45.01	39.80 0.84 -33.18	36.57 0.55 -31.86
GLOBE____DSASP 323697	27.66 -1.05 -4.89	27.42 -0.84 -4.90	24.81 -0.84 -4.23	24.78 -0.76 -3.72	25.60 -0.88 -2.67	26.18 -1.03 -3.81	27.70 -1.26 -3.34	25.91 -1.71 -3.21	27.29 -2.12 -2.19	27.20 -2.16 -2.03	27.90 -2.02 -1.51	29.14 -2.06 -0.88	29.12 -2.03 -1.27	27.91 -1.98 -1.97	27.90 -2.13 -3.07	20.98 -0.96 -8.46	25.06 -1.31 -7.68	26.22 -1.16 -11.33	26.47 -1.38 -8.91	17.95 -0.46 -10.69	17.95 -0.45 -10.27	14.94 -0.24 -10.17	14.12 -0.24 -8.57	12.35 -0.08 -8.27
GOETHSLN____LBMP 323567	43.64 0.98 -18.85	43.12 0.89 -18.87	38.56 0.86 -16.28	37.00 0.85 -14.33	35.00 0.90 -10.29	38.97 0.89 -14.69	39.39 0.92 -12.86	37.83 1.05 -12.37	36.90 1.25 -8.42	36.45 1.31 -7.81	35.57 1.36 -5.80	35.12 1.39 -3.40	36.15 1.37 -4.90	36.78 1.28 -7.57	40.01 1.24 -11.81	46.63 0.58 -32.58	49.08 0.82 -29.56	60.37 0.69 -43.63	54.09 0.83 -34.31	49.26 0.37 -41.17	48.06 0.37 -39.57	44.60 0.25 -39.34	39.23 0.29 -33.16	36.18 0.17 -31.84
GOLAH____69_KV_TB 1_2 80279	28.26 0.05 -4.40	27.93 0.16 -4.40	25.33 0.11 -3.80	25.26 0.09 -3.34	26.25 0.05 -2.40	26.75 -0.07 -3.43	28.54 -0.08 -3.00	26.96 -0.34 -2.89	28.59 -0.60 -1.96	28.55 -0.60 -1.82	29.28 -0.48 -1.35	30.60 -0.52 -0.79	30.57 -0.45 -1.14	29.16 -0.53 -1.77	29.07 -0.65 -2.76	20.82 -0.26 -7.60	25.35 -0.24 -6.90	26.03 -0.19 -10.18	26.69 -0.27 -8.00	17.27 -0.05 -9.61	17.34 -0.01 -9.23	14.19 -0.01 -9.18	13.52 0.00 -7.74	11.65 0.05 -7.43
GOODYEAR_LAKE_HYD 323669	31.49 0.88 -6.79	31.05 0.89 -6.80	28.10 0.81 -5.86	27.80 0.81 -5.16	28.39 0.88 -3.71	29.55 0.87 -5.29	31.17 0.92 -4.63	29.87 1.00 -4.46	31.35 1.09 -3.03	31.24 1.09 -2.81	31.60 1.11 -2.09	32.70 1.15 -1.23	32.75 1.11 -1.77	31.72 1.06 -2.73	32.24 1.02 -4.26	25.75 0.54 -11.74	30.13 0.79 -10.65	32.47 0.71 -15.72	32.12 0.81 -12.36	22.88 0.33 -14.83	22.72 0.35 -14.26	19.40 0.21 -14.17	17.97 0.24 -11.94	15.81 0.17 -11.47
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	32.10 0.19 -8.09	31.65 0.19 -8.10	28.58 0.17 -6.99	28.15 0.17 -6.15	28.41 0.19 -4.42	29.86 0.16 -6.31	31.29 0.15 -5.52	29.84 0.12 -5.31	30.87 0.03 -3.62	30.66 -0.03 -3.35	30.95 0.06 -2.49	31.84 0.06 -1.46	32.07 0.09 -2.11	31.23 0.06 -3.25	32.03 0.00 -5.07	27.50 0.04 -13.99	31.48 0.09 -12.69	34.88 0.10 -18.73	33.76 0.08 -14.73	25.46 0.07 -17.68	25.20 0.09 -16.99	21.97 0.06 -16.89	20.09 0.07 -14.24	17.89 0.05 -13.67
GOUDEY____7 23579	32.12 0.21 -8.09	31.67 0.21 -8.10	28.60 0.19 -6.99	28.18 0.20 -6.15	28.44 0.21 -4.42	29.89 0.19 -6.31	31.32 0.18 -5.52	29.87 0.15 -5.31	30.87 0.03 -3.62	30.69 0.00 -3.35	30.98 0.09 -2.49	31.87 0.09 -1.46	32.10 0.12 -2.11	31.26 0.08 -3.25	32.06 0.03 -5.07	27.52 0.05 -13.99	31.50 0.11 -12.69	34.89 0.11 -18.73	33.78 0.09 -14.73	25.47 0.08 -17.68	25.21 0.10 -16.99	21.97 0.07 -16.89	20.09 0.07 -14.24	17.90 0.06 -13.67

GOUDEY___8	32.10	31.65	28.58	28.15	28.41	29.86	31.29	29.84	30.87	30.66	30.95	31.84	32.07	31.23	32.03	27.50	31.48	34.88	33.76	25.46	25.20	21.97	20.09	17.89
23580	0.19	0.19	0.17	0.17	0.19	0.16	0.15	0.12	0.03	-0.03	0.06	0.06	0.09	0.06	0.00	0.04	0.09	0.10	0.08	0.07	0.09	0.06	0.07	0.05
	-8.09	-8.10	-6.99	-6.15	-4.42	-6.31	-5.52	-5.31	-3.62	-3.35	-2.49	-1.46	-2.11	-3.25	-5.07	-13.99	-12.69	-18.73	-14.73	-17.68	-16.99	-16.89	-14.24	-13.67
GOWANUS_GT1_1	44.10	43.57	38.97	37.43	35.46	39.38	39.65	38.00	37.06	36.67	35.83	35.39	36.42	37.04	40.28	46.76	49.35	60.61	54.40	49.37	48.16	44.67	39.31	36.26
24077	1.43	1.33	1.26	1.27	1.36	1.29	1.18	1.22	1.42	1.53	1.62	1.67	1.64	1.54	1.51	0.70	1.08	0.93	1.14	0.49	0.47	0.31	0.37	0.24
	-18.86	-18.87	-16.29	-14.33	-10.30	-14.70	-12.86	-12.37	-8.42	-7.81	-5.80	-3.40	-4.90	-7.57	-11.81	-32.58	-29.57	-43.63	-34.31	-41.18	-39.58	-39.34	-33.16	-31.85
GOWANUS_GT1_2	44.10	43.57	38.97	37.43	35.46	39.38	39.65	38.00	37.06	36.67	35.83	35.39	36.42	37.04	40.28	46.76	49.35	60.61	54.40	49.37	48.16	44.67	39.31	36.26
24078	1.43	1.33	1.26	1.27	1.36	1.29	1.18	1.22	1.42	1.53	1.62	1.67	1.64	1.54	1.51	0.70	1.08	0.93	1.14	0.49	0.47	0.31	0.37	0.24
	-18.86	-18.87	-16.29	-14.33	-10.30	-14.70	-12.86	-12.37	-8.42	-7.81	-5.80	-3.40	-4.90	-7.57	-11.81	-32.58	-29.57	-43.63	-34.31	-41.18	-39.58	-39.34	-33.16	-31.85
GOWANUS_GT1_3	44.10	43.57	38.97	37.43	35.46	39.38	39.65	38.00	37.06	36.67	35.83	35.39	36.42	37.04	40.28	46.76	49.35	60.61	54.40	49.37	48.16	44.67	39.31	36.26
24079	1.43	1.33	1.26	1.27	1.36	1.29	1.18	1.22	1.42	1.53	1.62	1.67	1.64	1.54	1.51	0.70	1.08	0.93	1.14	0.49	0.47	0.31	0.37	0.24
	-18.86	-18.87	-16.29	-14.33	-10.30	-14.70	-12.86	-12.37	-8.42	-7.81	-5.80	-3.40	-4.90	-7.57	-11.81	-32.58	-29.57	-43.63	-34.31	-41.18	-39.58	-39.34	-33.16	-31.85
GOWANUS_GT1_4	44.10	43.57	38.97	37.43	35.46	39.38	39.65	38.00	37.06	36.67	35.83	35.39	36.42	37.04	40.28	46.76	49.35	60.61	54.40	49.37	48.16	44.67	39.31	36.26
24080	1.43	1.33	1.26	1.27	1.36	1.29	1.18	1.22	1.42	1.53	1.62	1.67	1.64	1.54	1.51	0.70	1.08	0.93	1.14	0.49	0.47	0.31	0.37	0.24
	-18.86	-18.87	-16.29	-14.33	-10.30	-14.70	-12.86	-12.37	-8.42	-7.81	-5.80	-3.40	-4.90	-7.57	-11.81	-32.58	-29.57	-43.63	-34.31	-41.18	-39.58	-39.34	-33.16	-31.85
GOWANUS_GT1_5	44.10	43.57	38.97	37.43	35.46	39.38	39.65	38.00	37.06	36.67	35.83	35.39	36.42	37.04	40.28	46.76	49.35	60.61	54.40	49.37	48.16	44.67	39.31	36.26
24084	1.43	1.33	1.26	1.27	1.36	1.29	1.18	1.22	1.42	1.53	1.62	1.67	1.64	1.54	1.51	0.70	1.08	0.93	1.14	0.49	0.47	0.31	0.37	0.24
	-18.86	-18.87	-16.29	-14.33	-10.30	-14.70	-12.86	-12.37	-8.42	-7.81	-5.80	-3.40	-4.90	-7.57	-11.81	-32.58	-29.57	-43.63	-34.31	-41.18	-39.58	-39.34	-33.16	-31.85
GOWANUS_GT1_6	44.10	43.57	38.97	37.43	35.46	39.38	39.65	38.00	37.06	36.67	35.83	35.39	36.42	37.04	40.28	46.76	49.35	60.61	54.40	49.37	48.16	44.67	39.31	36.26
24111	1.43	1.33	1.26	1.27	1.36	1.29	1.18	1.22	1.42	1.53	1.62	1.67	1.64	1.54	1.51	0.70	1.08	0.93	1.14	0.49	0.47	0.31	0.37	0.24
	-18.86	-18.87	-16.29	-14.33	-10.30	-14.70	-12.86	-12.37	-8.42	-7.81	-5.80	-3.40	-4.90	-7.57	-11.81	-32.58	-29.57	-43.63	-34.31	-41.18	-39.58	-39.34	-33.16	-31.85
GOWANUS_GT1_7	44.10	43.57	38.97	37.43	35.46	39.38	39.65	38.00	37.06	36.67	35.83	35.39	36.42	37.04	40.28	46.76	49.35	60.61	54.40	49.37	48.16	44.67	39.31	36.26
24112	1.43	1.33	1.26	1.27	1.36	1.29	1.18	1.22	1.42	1.53	1.62	1.67	1.64	1.54	1.51	0.70	1.08	0.93	1.14	0.49	0.47	0.31	0.37	0.24
	-18.86	-18.87	-16.29	-14.33	-10.30	-14.70	-12.86	-12.37	-8.42	-7.81	-5.80	-3.40	-4.90	-7.57	-11.81	-32.58	-29.57	-43.63	-34.31	-41.18	-39.58	-39.34	-33.16	-31.85
GOWANUS_GT1_8	44.10	43.57	38.97	37.43	35.46	39.38	39.65	38.00	37.06	36.67	35.83	35.39	36.42	37.04	40.28	46.76	49.35	60.61	54.40	49.37	48.16	44.67	39.31	36.26
24113	1.43	1.33	1.26	1.27	1.36	1.29	1.18	1.22	1.42	1.53	1.62	1.67	1.64	1.54	1.51	0.70	1.08	0.93	1.14	0.49	0.47	0.31	0.37	0.24
	-18.86	-18.87	-16.29	-14.33	-10.30	-14.70	-12.86	-12.37	-8.42	-7.81	-5.80	-3.40	-4.90	-7.57	-11.81	-32.58	-29.57	-43.63	-34.31	-41.18	-39.58	-39.34	-33.16	-31.85
GOWANUS_GT2_1	44.10	43.57	38.97	37.43	35.46	39.38	39.65	38.00	37.06	36.67	35.83	35.39	36.42	37.03	40.28	46.76	49.37	60.61	54.40	49.38	48.16	44.67	39.31	36.26
24114	1.43	1.33	1.26	1.27	1.36	1.29	1.18	1.22	1.41	1.53	1.62	1.67	1.64	1.53	1.51	0.70	1.10	0.93	1.14	0.49	0.47	0.31	0.37	0.24
	-18.86	-18.87	-16.29	-14.33	-10.30	-14.70	-12.86	-12.37	-8.42	-7.81	-5.80	-3.40	-4.90	-7.57	-11.81	-32.58	-29.57	-43.63	-34.31	-41.18	-39.58	-39.34	-33.16	-31.85
GOWANUS_GT2_2	44.10	43.57	38.97	37.43	35.46	39.38	39.65	38.00	37.06	36.67	35.83	35.39	36.42	37.03	40.28	46.76	49.37	60.61	54.40	49.38	48.16	44.67	39.31	36.26
24115	1.43	1.33	1.26	1.27	1.36	1.29	1.18	1.22	1.41	1.53	1.62	1.67	1.64	1.53	1.51	0.70	1.10	0.93	1.14	0.49	0.47	0.31	0.37	0.24
	-18.86	-18.87	-16.29	-14.33	-10.30	-14.70	-12.86	-12.37	-8.42	-7.81	-5.80	-3.40	-4.90	-7.57	-11.81	-32.58	-29.57	-43.63	-34.31	-41.18	-39.58	-39.34	-33.16	-31.85
GOWANUS_GT2_3	44.10	43.57	38.97	37.43	35.46	39.38	39.65	38.00	37.06	36.67	35.83	35.39	36.42	37.03	40.28	46.76	49.37	60.61	54.40	49.38	48.16	44.67	39.31	36.26
24116	1.43	1.33	1.26	1.27	1.36	1.29	1.18	1.22	1.41	1.53	1.62	1.67	1.64	1.53	1.51	0.70	1.10	0.93	1.14	0.49	0.47	0.31	0.37	0.24
	-18.86	-18.87	-16.29	-14.33	-10.30	-14.70	-12.86	-12.37	-8.42	-7.81	-5.80	-3.40	-4.90	-7.57	-11.81	-32.58	-29.57	-43.63	-34.31	-41.18	-39.58	-39.34	-33.16	-31.85
GOWANUS_GT2_4	44.10	43.57	38.97	37.43	35.46	39.38	39.65	38.00	37.06	36.67	35.83	35.39	36.42	37.03	40.28	46.76	49.37	60.61	54.40	49.38	48.16	44.67	39.31	36.26
24117	1.43	1.33	1.26	1.27	1.36	1.29	1.18	1.22	1.41	1.53	1.62	1.67	1.64	1.53	1.51	0.70	1.10	0.93	1.14	0.49	0.47	0.31	0.37	0.24
	-18.86	-18.87	-16.29	-14.33	-10.30	-14.70	-12.86	-12.37	-8.42	-7.81	-5.80	-3.40	-4.90	-7.57	-11.81	-32.58	-29.57	-43.63	-34.31	-41.18	-39.58	-39.34	-33.16	-31.85
GOWANUS_GT2_5	44.10	43.57	38.97	37.43	35.46	39.38	39.65	38.00	37.06	36.67	35.83	35.39	36.42	37.03	40.28	46.76	49.37	60.61	54.40	49.38	48.16	44.67	39.31	36.26
24118	1.43	1.33	1.26	1.27	1.36	1.29	1.18	1.22	1.41	1.53	1.62	1.67	1.64	1.53	1.51	0.70	1.10	0.93	1.14	0.49	0.47	0.31	0.37	0.24
	-18.86	-18.87	-16.29	-14.33	-10.30	-14.70	-12.86	-12.37	-8.42	-7.81	-5.80	-3.40	-4.90	-7.57	-11.81	-32.58	-29.57	-43.63	-34.31	-41.18	-39.58	-39.34	-33.16	-31.85
GOWANUS_GT2_6	44.10	43.57	38.97	37.43	35.46	39.38	39.65	38.00	37.06	36.67	35.83	35.39	36.42	37.03	40.28	46.76	49.37	60.61	54.40	49.38	48.16	44.67	39.31	36.26
24119	1.43	1.33	1.26	1.27	1.36	1.29	1.18	1.22	1.41	1.53	1.62	1.67	1.64	1.53	1.51	0.70	1.10	0.93	1.14	0.49	0.47	0.31	0.37	0.24
	-18.86	-18.87	-16.29	-14.33	-10.30	-14.70	-12.86	-12.37	-8.42	-7.81	-5.80	-3.40	-4.90	-7.57	-11.81	-32.58	-29.57	-43.63	-34.31	-41.18	-39.58	-39.34	-33.16	-31.85

GOWANUS_GT2_7 24120	44.10 1.43 -18.86	43.57 1.33 -18.87	38.97 1.26 -16.29	37.43 1.27 -14.33	35.46 1.36 -10.30	39.38 1.29 -14.70	39.65 1.18 -12.86	38.00 1.22 -12.37	37.06 1.41 -8.42	36.67 1.53 -7.81	35.83 1.62 -5.80	35.39 1.67 -3.40	36.42 1.64 -4.90	37.03 1.53 -7.57	40.28 1.51 -11.81	46.76 0.70 -32.58	49.37 1.10 -29.57	60.61 0.93 -43.63	54.40 1.14 -34.31	49.38 0.49 -41.18	48.16 0.47 -39.58	44.67 0.31 -39.34	39.31 0.37 -33.16	36.26 0.24 -31.85
GOWANUS_GT2_8 24121	44.10 1.43 -18.86	43.57 1.33 -18.87	38.97 1.26 -16.29	37.43 1.27 -14.33	35.46 1.36 -10.30	39.38 1.29 -14.70	39.65 1.18 -12.86	38.00 1.22 -12.37	37.06 1.41 -8.42	36.67 1.53 -7.81	35.83 1.62 -5.80	35.39 1.67 -3.40	36.42 1.64 -4.90	37.03 1.53 -7.57	40.28 1.51 -11.81	46.76 0.70 -32.58	49.37 1.10 -29.57	60.61 0.93 -43.63	54.40 1.14 -34.31	49.38 0.49 -41.18	48.16 0.47 -39.58	44.67 0.31 -39.34	39.31 0.37 -33.16	36.26 0.24 -31.85
GOWANUS_GT3_1 24122	44.10 1.43 -18.86	43.57 1.33 -18.87	38.97 1.26 -16.29	37.43 1.27 -14.33	35.46 1.36 -10.30	39.38 1.29 -14.70	39.65 1.18 -12.86	38.00 1.22 -12.37	37.06 1.41 -8.42	36.67 1.53 -7.81	35.83 1.62 -5.80	35.39 1.67 -3.40	36.42 1.64 -4.90	37.03 1.53 -7.57	40.28 1.51 -11.81	46.76 0.70 -32.58	49.37 1.10 -29.57	60.61 0.93 -43.63	54.40 1.14 -34.31	49.38 0.49 -41.18	48.16 0.47 -39.58	44.67 0.31 -39.34	39.31 0.37 -33.16	36.26 0.24 -31.85
GOWANUS_GT3_2 24123	44.10 1.43 -18.86	43.57 1.33 -18.87	38.97 1.26 -16.29	37.43 1.27 -14.33	35.46 1.36 -10.30	39.38 1.29 -14.70	39.65 1.18 -12.86	38.00 1.22 -12.37	37.06 1.41 -8.42	36.67 1.53 -7.81	35.83 1.62 -5.80	35.39 1.67 -3.40	36.42 1.64 -4.90	37.03 1.53 -7.57	40.28 1.51 -11.81	46.76 0.70 -32.58	49.37 1.10 -29.57	60.61 0.93 -43.63	54.40 1.14 -34.31	49.38 0.49 -41.18	48.16 0.47 -39.58	44.67 0.31 -39.34	39.31 0.37 -33.16	36.26 0.24 -31.85
GOWANUS_GT3_3 24124	44.10 1.43 -18.86	43.57 1.33 -18.87	38.97 1.26 -16.29	37.43 1.27 -14.33	35.46 1.36 -10.30	39.38 1.29 -14.70	39.65 1.18 -12.86	38.00 1.22 -12.37	37.06 1.41 -8.42	36.67 1.53 -7.81	35.83 1.62 -5.80	35.39 1.67 -3.40	36.42 1.64 -4.90	37.03 1.53 -7.57	40.28 1.51 -11.81	46.76 0.70 -32.58	49.37 1.10 -29.57	60.61 0.93 -43.63	54.40 1.14 -34.31	49.38 0.49 -41.18	48.16 0.47 -39.58	44.67 0.31 -39.34	39.31 0.37 -33.16	36.26 0.24 -31.85
GOWANUS_GT3_4 24125	44.10 1.43 -18.86	43.57 1.33 -18.87	38.97 1.26 -16.29	37.43 1.27 -14.33	35.46 1.36 -10.30	39.38 1.29 -14.70	39.65 1.18 -12.86	38.00 1.22 -12.37	37.06 1.41 -8.42	36.67 1.53 -7.81	35.83 1.62 -5.80	35.39 1.67 -3.40	36.42 1.64 -4.90	37.03 1.53 -7.57	40.28 1.51 -11.81	46.76 0.70 -32.58	49.37 1.10 -29.57	60.61 0.93 -43.63	54.40 1.14 -34.31	49.38 0.49 -41.18	48.16 0.47 -39.58	44.67 0.31 -39.34	39.31 0.37 -33.16	36.26 0.24 -31.85
GOWANUS_GT3_5 24126	44.10 1.43 -18.86	43.57 1.33 -18.87	38.97 1.26 -16.29	37.43 1.27 -14.33	35.46 1.36 -10.30	39.38 1.29 -14.70	39.65 1.18 -12.86	38.00 1.22 -12.37	37.06 1.41 -8.42	36.67 1.53 -7.81	35.83 1.62 -5.80	35.39 1.67 -3.40	36.42 1.64 -4.90	37.03 1.53 -7.57	40.28 1.51 -11.81	46.76 0.70 -32.58	49.37 1.10 -29.57	60.61 0.93 -43.63	54.40 1.14 -34.31	49.38 0.49 -41.18	48.16 0.47 -39.58	44.67 0.31 -39.34	39.31 0.37 -33.16	36.26 0.24 -31.85
GOWANUS_GT3_6 24127	44.10 1.43 -18.86	43.57 1.33 -18.87	38.97 1.26 -16.29	37.43 1.27 -14.33	35.46 1.36 -10.30	39.38 1.29 -14.70	39.65 1.18 -12.86	38.00 1.22 -12.37	37.06 1.41 -8.42	36.67 1.53 -7.81	35.83 1.62 -5.80	35.39 1.67 -3.40	36.42 1.64 -4.90	37.03 1.53 -7.57	40.28 1.51 -11.81	46.76 0.70 -32.58	49.37 1.10 -29.57	60.61 0.93 -43.63	54.40 1.14 -34.31	49.38 0.49 -41.18	48.16 0.47 -39.58	44.67 0.31 -39.34	39.31 0.37 -33.16	36.26 0.24 -31.85
GOWANUS_GT3_7 24128	44.10 1.43 -18.86	43.57 1.33 -18.87	38.97 1.26 -16.29	37.43 1.27 -14.33	35.46 1.36 -10.30	39.38 1.29 -14.70	39.65 1.18 -12.86	38.00 1.22 -12.37	37.06 1.41 -8.42	36.67 1.53 -7.81	35.83 1.62 -5.80	35.39 1.67 -3.40	36.42 1.64 -4.90	37.03 1.53 -7.57	40.28 1.51 -11.81	46.76 0.70 -32.58	49.37 1.10 -29.57	60.61 0.93 -43.63	54.40 1.14 -34.31	49.38 0.49 -41.18	48.16 0.47 -39.58	44.67 0.31 -39.34	39.31 0.37 -33.16	36.26 0.24 -31.85
GOWANUS_GT3_8 24129	44.10 1.43 -18.86	43.57 1.33 -18.87	38.97 1.26 -16.29	37.43 1.27 -14.33	35.46 1.36 -10.30	39.38 1.29 -14.70	39.65 1.18 -12.86	38.00 1.22 -12.37	37.06 1.41 -8.42	36.67 1.53 -7.81	35.83 1.62 -5.80	35.39 1.67 -3.40	36.42 1.64 -4.90	37.03 1.53 -7.57	40.28 1.51 -11.81	46.76 0.70 -32.58	49.37 1.10 -29.57	60.61 0.93 -43.63	54.40 1.14 -34.31	49.38 0.49 -41.18	48.16 0.47 -39.58	44.67 0.31 -39.34	39.31 0.37 -33.16	36.26 0.24 -31.85
GOWANUS_GT4_1 24130	44.10 1.43 -18.86	43.57 1.33 -18.87	38.97 1.26 -16.29	37.43 1.27 -14.33	35.46 1.36 -10.30	39.38 1.29 -14.70	39.65 1.18 -12.86	38.00 1.22 -12.37	37.06 1.42 -8.42	36.67 1.53 -7.81	35.83 1.62 -5.80	35.39 1.67 -3.40	36.42 1.64 -4.90	37.04 1.54 -7.57	40.28 1.51 -11.81	46.76 0.70 -32.58	49.35 1.08 -29.57	60.61 0.93 -43.63	54.40 1.14 -34.31	49.37 0.49 -41.18	48.16 0.47 -39.58	44.67 0.31 -39.34	39.31 0.37 -33.16	36.26 0.24 -31.85
GOWANUS_GT4_2 24131	44.10 1.43 -18.86	43.57 1.33 -18.87	38.97 1.26 -16.29	37.43 1.27 -14.33	35.46 1.36 -10.30	39.38 1.29 -14.70	39.65 1.18 -12.86	38.00 1.22 -12.37	37.06 1.42 -8.42	36.67 1.53 -7.81	35.83 1.62 -5.80	35.39 1.67 -3.40	36.42 1.64 -4.90	37.04 1.54 -7.57	40.28 1.51 -11.81	46.76 0.70 -32.58	49.35 1.08 -29.57	60.61 0.93 -43.63	54.40 1.14 -34.31	49.37 0.49 -41.18	48.16 0.47 -39.58	44.67 0.31 -39.34	39.31 0.37 -33.16	36.26 0.24 -31.85
GOWANUS_GT4_3 24132	44.10 1.43 -18.86	43.57 1.33 -18.87	38.97 1.26 -16.29	37.43 1.27 -14.33	35.46 1.36 -10.30	39.38 1.29 -14.70	39.65 1.18 -12.86	38.00 1.22 -12.37	37.06 1.42 -8.42	36.67 1.53 -7.81	35.83 1.62 -5.80	35.39 1.67 -3.40	36.42 1.64 -4.90	37.04 1.54 -7.57	40.28 1.51 -11.81	46.76 0.70 -32.58	49.35 1.08 -29.57	60.61 0.93 -43.63	54.40 1.14 -34.31	49.37 0.49 -41.18	48.16 0.47 -39.58	44.67 0.31 -39.34	39.31 0.37 -33.16	36.26 0.24 -31.85
GOWANUS_GT4_4 24133	44.10 1.43 -18.86	43.57 1.33 -18.87	38.97 1.26 -16.29	37.43 1.27 -14.33	35.46 1.36 -10.30	39.38 1.29 -14.70	39.65 1.18 -12.86	38.00 1.22 -12.37	37.06 1.42 -8.42	36.67 1.53 -7.81	35.83 1.62 -5.80	35.39 1.67 -3.40	36.42 1.64 -4.90	37.04 1.54 -7.57	40.28 1.51 -11.81	46.76 0.70 -32.58	49.35 1.08 -29.57	60.61 0.93 -43.63	54.40 1.14 -34.31	49.37 0.49 -41.18	48.16 0.47 -39.58	44.67 0.31 -39.34	39.31 0.37 -33.16	36.26 0.24 -31.85
GOWANUS_GT4_5 24134	44.10 1.43 -18.86	43.57 1.33 -18.87	38.97 1.26 -16.29	37.43 1.27 -14.33	35.46 1.36 -10.30	39.38 1.29 -14.70	39.65 1.18 -12.86	38.00 1.22 -12.37	37.06 1.42 -8.42	36.67 1.53 -7.81	35.83 1.62 -5.80	35.39 1.67 -3.40	36.42 1.64 -4.90	37.04 1.54 -7.57	40.28 1.51 -11.81	46.76 0.70 -32.58	49.35 1.08 -29.57	60.61 0.93 -43.63	54.40 1.14 -34.31	49.37 0.49 -41.18	48.16 0.47 -39.58	44.67 0.31 -39.34	39.31 0.37 -33.16	36.26 0.24 -31.85

GOWANUS_GT4_6 24135	44.10 1.43 -18.86	43.57 1.33 -18.87	38.97 1.26 -16.29	37.43 1.27 -14.33	35.46 1.36 -10.30	39.38 1.29 -14.70	39.65 1.18 -12.86	38.00 1.22 -12.37	37.06 1.42 -8.42	36.67 1.53 -7.81	35.83 1.62 -5.80	35.39 1.67 -3.40	36.42 1.64 -4.90	37.04 1.54 -7.57	40.28 1.51 -11.81	46.76 0.70 -32.58	49.35 1.08 -29.57	60.61 0.93 -43.63	54.40 1.14 -34.31	49.37 0.49 -41.18	48.16 0.47 -39.58	44.67 0.31 -39.34	39.31 0.37 -33.16	36.26 0.24 -31.85
GOWANUS_GT4_7 24136	44.10 1.43 -18.86	43.57 1.33 -18.87	38.97 1.26 -16.29	37.43 1.27 -14.33	35.46 1.36 -10.30	39.38 1.29 -14.70	39.65 1.18 -12.86	38.00 1.22 -12.37	37.06 1.42 -8.42	36.67 1.53 -7.81	35.83 1.62 -5.80	35.39 1.67 -3.40	36.42 1.64 -4.90	37.04 1.54 -7.57	40.28 1.51 -11.81	46.76 0.70 -32.58	49.35 1.08 -29.57	60.61 0.93 -43.63	54.40 1.14 -34.31	49.37 0.49 -41.18	48.16 0.47 -39.58	44.67 0.31 -39.34	39.31 0.37 -33.16	36.26 0.24 -31.85
GOWANUS_GT4_8 24137	44.10 1.43 -18.86	43.57 1.33 -18.87	38.97 1.26 -16.29	37.43 1.27 -14.33	35.46 1.36 -10.30	39.38 1.29 -14.70	39.65 1.18 -12.86	38.00 1.22 -12.37	37.06 1.42 -8.42	36.67 1.53 -7.81	35.83 1.62 -5.80	35.39 1.67 -3.40	36.42 1.64 -4.90	37.04 1.54 -7.57	40.28 1.51 -11.81	46.76 0.70 -32.58	49.35 1.08 -29.57	60.61 0.93 -43.63	54.40 1.14 -34.31	49.37 0.49 -41.18	48.16 0.47 -39.58	44.67 0.31 -39.34	39.31 0.37 -33.16	36.26 0.24 -31.85
GREENBSH_115KV_TB3 55895	46.90 0.38 -22.71	46.49 0.40 -22.72	41.39 0.36 -19.61	39.45 0.37 -17.26	36.61 0.40 -12.40	41.48 0.40 -17.69	41.56 0.46 -15.48	39.68 0.37 -14.90	37.86 0.49 -10.14	37.23 0.49 -9.40	35.94 0.54 -6.99	35.06 0.64 -4.10	36.35 0.57 -5.91	37.52 0.47 -9.12	41.62 0.43 -14.23	52.91 0.19 -39.24	54.57 0.26 -35.61	68.83 0.22 -52.55	60.54 0.27 -41.32	57.41 0.10 -49.60	55.89 0.11 -47.67	52.47 0.07 -47.39	45.79 0.07 -39.94	42.56 0.04 -38.35
GREENDGE_115KV_TB5 80291	29.79 0.33 -5.65	29.32 0.30 -5.65	26.60 0.30 -4.88	26.38 0.26 -4.29	27.20 0.31 -3.08	28.07 0.28 -4.40	29.77 0.31 -3.85	28.36 0.24 -3.71	29.83 0.08 -2.52	29.70 0.03 -2.34	30.26 0.11 -1.74	31.49 0.15 -1.02	31.52 0.18 -1.47	30.31 0.11 -2.27	30.55 0.05 -3.54	23.32 0.08 -9.76	27.74 0.19 -8.86	29.34 0.22 -13.07	29.44 0.21 -10.28	20.19 0.15 -12.33	20.13 0.16 -11.85	16.89 0.09 -11.78	15.80 0.09 -9.93	13.79 0.08 -9.54
GREENIDGE___3 23582	29.79 0.33 -5.65	29.32 0.30 -5.65	26.60 0.30 -4.88	26.38 0.26 -4.29	27.20 0.31 -3.08	28.07 0.28 -4.40	29.77 0.31 -3.85	28.36 0.24 -3.71	29.83 0.08 -2.52	29.70 0.03 -2.34	30.26 0.11 -1.74	31.49 0.15 -1.02	31.52 0.18 -1.47	30.31 0.11 -2.27	30.55 0.05 -3.54	23.32 0.08 -9.76	27.74 0.19 -8.86	29.34 0.22 -13.07	29.44 0.21 -10.28	20.19 0.15 -12.33	20.13 0.16 -11.85	16.89 0.09 -11.78	15.80 0.09 -9.93	13.79 0.08 -9.54
GREENIDGE___4 23583	29.79 0.33 -5.65	29.32 0.30 -5.65	26.60 0.30 -4.88	26.38 0.26 -4.29	27.20 0.31 -3.08	28.08 0.28 -4.40	29.78 0.31 -3.85	28.36 0.24 -3.71	29.83 0.08 -2.52	29.70 0.03 -2.34	30.26 0.11 -1.74	31.49 0.15 -1.02	31.52 0.18 -1.47	30.31 0.11 -2.27	30.55 0.05 -3.54	23.32 0.08 -9.76	27.74 0.19 -8.86	29.34 0.22 -13.07	29.44 0.21 -10.28	20.19 0.15 -12.33	20.13 0.16 -11.85	16.89 0.09 -11.78	15.80 0.09 -9.93	13.79 0.08 -9.54
GREENLWN_69_KV_BK 3 55738	44.41 1.74 -18.86	43.87 1.64 -18.87	39.22 1.52 -16.28	37.68 1.53 -14.33	35.77 1.67 -10.29	39.72 1.64 -14.69	40.22 1.74 -12.86	38.57 1.78 -12.37	37.69 2.04 -8.42	37.21 2.05 -7.82	40.56 2.05 -10.11	41.40 2.15 -8.92	47.06 2.12 -15.07	47.39 1.98 -17.48	50.54 1.91 -21.67	54.95 0.94 -40.53	71.91 1.38 -51.82	81.98 1.09 -64.84	74.83 1.48 -54.40	66.71 0.60 -58.40	55.49 0.60 -46.77	50.40 0.38 -45.01	39.43 0.46 -33.18	36.32 0.30 -31.85
GREENWD_138_KV_38B11_REV_LBMP_J 345004	44.10 1.43 -18.86	43.57 1.33 -18.87	38.97 1.26 -16.29	37.43 1.27 -14.33	35.46 1.36 -10.30	39.38 1.29 -14.70	39.65 1.18 -12.86	38.00 1.22 -12.37	37.06 1.42 -8.42	36.67 1.53 -7.81	35.83 1.62 -5.80	35.39 1.67 -3.40	36.42 1.64 -4.90	37.04 1.54 -7.57	40.28 1.51 -11.81	46.76 0.70 -32.58	49.35 1.08 -29.57	60.61 0.93 -43.63	54.40 1.14 -34.31	49.37 0.49 -41.18	48.16 0.47 -39.58	44.67 0.31 -39.34	39.31 0.37 -33.16	36.26 0.24 -31.85
GRISSOM___SOLAR 323813	52.82 1.86 -27.15	52.50 1.96 -27.17	46.60 1.73 -23.44	44.21 1.75 -20.63	40.44 1.81 -14.82	46.39 1.85 -21.15	46.28 2.15 -18.51	44.38 2.15 -17.82	41.80 2.45 -12.13	40.93 2.35 -11.24	39.18 2.41 -8.36	37.71 2.49 -4.90	39.57 2.63 -7.06	41.40 2.57 -10.91	46.69 2.72 -17.01	61.80 1.40 -46.92	63.15 1.87 -42.58	80.68 1.80 -62.84	70.16 1.80 -49.41	67.77 0.76 -59.30	65.90 0.79 -56.99	62.12 0.45 -56.66	53.98 0.44 -47.75	50.32 0.29 -45.86
GROVEVILLE___HYD 323602	43.99 1.17 -19.01	43.51 1.12 -19.02	38.84 1.01 -16.42	37.30 1.03 -14.45	35.33 1.14 -10.38	39.33 1.12 -14.81	39.76 1.18 -12.96	38.06 1.17 -12.48	37.08 1.36 -8.49	36.54 1.34 -7.87	35.68 1.42 -5.85	35.24 1.49 -3.43	36.34 1.52 -4.94	37.02 1.45 -7.64	40.27 1.40 -11.91	47.03 0.70 -32.85	49.54 1.03 -29.81	60.91 0.87 -44.00	54.61 1.06 -34.59	49.68 0.45 -41.52	48.49 0.46 -39.91	44.96 0.28 -39.67	39.54 0.32 -33.44	36.48 0.20 -32.11
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	27.68 0.00 -3.87	27.21 -0.02 -3.87	24.76 0.00 -3.34	24.74 -0.02 -2.94	25.89 -0.02 -2.11	26.38 -0.02 -3.01	28.23 -0.03 -2.64	26.92 -0.02 -2.54	28.84 -0.11 -1.73	28.83 -0.11 -1.60	29.51 -0.09 -1.19	30.96 -0.06 -0.70	30.88 0.00 -1.01	29.45 -0.03 -1.55	29.35 -0.03 -2.42	20.19 0.03 -6.68	24.84 0.07 -6.06	25.09 0.10 -8.95	26.06 0.08 -7.04	16.21 0.05 -8.44	16.30 0.06 -8.12	13.12 0.04 -8.07	12.61 0.03 -6.80	10.72 0.03 -6.53
HAMLTNNY_34_KV_TB 80303	27.84 0.02 -4.00	27.39 0.02 -4.00	24.90 0.02 -3.45	24.87 0.00 -3.04	25.99 0.00 -2.18	26.51 0.00 -3.12	28.35 0.00 -2.73	27.04 0.00 -2.63	28.93 -0.08 -1.79	28.91 -0.08 -1.66	29.58 -0.06 -1.23	31.01 -0.03 -0.72	30.95 0.03 -1.04	29.53 0.00 -1.61	29.47 0.00 -2.51	20.43 0.04 -6.91	25.07 0.09 -6.27	25.43 0.13 -9.26	26.36 0.13 -7.28	16.52 0.07 -8.74	16.60 0.08 -8.40	13.41 0.05 -8.35	12.86 0.04 -7.04	10.96 0.04 -6.76
HAMPSHIRE___PAPER_HYD 323593	24.53 -0.69 -1.40	24.07 -0.70 -1.41	21.99 -0.64 -1.21	22.37 -0.52 -1.07	24.00 -0.57 -0.77	24.09 -0.40 -1.09	26.27 -0.31 -0.96	25.21 -0.12 -0.92	27.83 -0.03 -0.63	27.78 -0.14 -0.58	28.24 -0.60 -0.43	29.82 -0.76 -0.25	29.35 -0.90 -0.37	27.88 -0.61 -0.56	27.35 -0.48 -0.88	15.56 -0.35 -2.43	20.23 -0.67 -2.20	18.67 -0.63 -3.25	20.90 -0.61 -2.56	10.35 -0.43 -3.07	10.57 -0.50 -2.95	7.64 -0.31 -2.93	7.93 -0.32 -2.47	6.32 -0.23 -2.37
HARDSCRABBLE_WT_PWR 323673	24.89 0.48 -0.60	24.43 0.47 -0.60	22.37 0.43 -0.52	22.72 0.44 -0.45	24.58 0.45 -0.33	24.30 0.44 -0.47	26.51 0.49 -0.41	25.29 0.49 -0.39	28.07 0.57 -0.27	28.16 0.57 -0.25	29.13 0.54 -0.18	30.97 0.55 -0.11	30.48 0.45 -0.16	28.53 0.36 -0.24	27.63 0.30 -0.37	14.57 0.05 -1.03	19.60 -0.04 -0.94	17.37 -0.06 -1.38	19.89 -0.15 -1.09	8.97 -0.05 -1.31	9.33 -0.05 -1.26	6.24 -0.02 -1.25	6.82 -0.02 -1.05	5.17 -0.01 -1.01

HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	42.66 1.00 -17.85	42.18 0.96 -17.86	37.69 0.86 -15.41	36.26 0.87 -13.56	34.53 0.98 -9.74	38.26 0.96 -13.90	38.79 1.00 -12.17	37.15 1.03 -11.71	36.37 1.17 -7.97	35.90 1.18 -7.39	35.15 1.25 -5.49	34.85 1.30 -3.22	35.86 1.34 -4.64	36.38 1.28 -7.17	39.35 1.21 -11.18	44.94 0.62 -30.84	47.60 0.92 -27.99	58.12 0.77 -41.31	52.30 0.87 -32.48	47.09 0.40 -38.98	46.00 0.41 -37.46	42.51 0.25 -37.25	37.47 0.29 -31.39	34.49 0.18 -30.14
HARSNRAD_115KV_TB1 81005	28.05 -0.62 -4.85	27.78 -0.44 -4.86	25.14 -0.47 -4.19	25.08 -0.44 -3.69	25.96 -0.50 -2.65	26.52 -0.66 -3.78	28.13 -0.79 -3.31	26.40 -1.20 -3.19	27.82 -1.58 -2.17	27.73 -1.61 -2.01	28.45 -1.45 -1.49	29.71 -1.49 -0.88	29.70 -1.43 -1.26	28.45 -1.42 -1.95	28.44 -1.56 -3.04	21.18 -0.69 -8.39	25.39 -0.92 -7.61	26.48 -0.80 -11.23	26.80 -0.99 -8.83	18.03 -0.29 -10.60	18.04 -0.27 -10.19	15.00 -0.14 -10.12	14.18 -0.14 -8.53	12.34 -0.03 -8.20
HARZA MOOSE__RIVER 24016	25.40 0.10 -1.49	24.98 0.12 -1.50	22.82 0.11 -1.29	23.10 0.13 -1.14	24.76 0.14 -0.82	24.75 0.19 -1.16	26.87 0.23 -1.02	25.76 0.37 -0.98	28.30 0.41 -0.67	28.31 0.36 -0.62	29.07 0.20 -0.46	30.74 0.15 -0.27	30.29 0.03 -0.39	28.67 0.14 -0.60	28.08 0.19 -0.94	16.13 0.07 -2.58	21.14 0.09 -2.34	19.62 0.11 -3.46	21.78 0.11 -2.72	10.98 0.00 -3.26	11.23 -0.02 -3.14	8.11 -0.03 -3.12	8.39 -0.02 -2.63	6.69 0.00 -2.52
HDSNBRDG_115KV_BRDG_TB1 355580	27.32 -0.17 -3.67	26.87 -0.16 -3.67	24.44 -0.15 -3.17	24.44 -0.17 -2.79	25.62 -0.19 -2.00	26.07 -0.19 -2.86	27.91 -0.20 -2.50	26.60 -0.22 -2.41	28.57 -0.30 -1.64	28.55 -0.30 -1.52	29.25 -0.28 -1.13	30.71 -0.27 -0.66	30.59 -0.24 -0.95	29.18 -0.22 -1.47	29.04 -0.22 -2.30	19.75 -0.07 -6.34	24.40 -0.06 -5.76	24.51 -0.03 -8.49	25.57 -0.06 -6.68	15.73 0.00 -8.02	15.83 0.01 -7.70	12.68 0.00 -7.66	12.23 -0.01 -6.46	10.37 0.00 -6.20
HELLGATE_13_KV_LD 55870	43.93 1.26 -18.85	43.40 1.17 -18.87	38.81 1.11 -16.28	37.27 1.11 -14.33	35.29 1.19 -10.29	39.21 1.12 -14.69	39.50 1.02 -12.86	37.91 1.12 -12.37	36.95 1.31 -8.42	36.56 1.42 -7.81	35.69 1.48 -5.80	35.27 1.55 -3.40	36.27 1.49 -4.90	36.92 1.42 -7.57	40.15 1.37 -11.81	46.69 0.63 -32.58	49.22 0.95 -29.57	60.48 0.80 -43.63	54.25 0.99 -34.31	49.31 0.42 -41.18	48.12 0.42 -39.58	44.63 0.27 -39.34	39.27 0.32 -33.16	36.22 0.21 -31.84
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	43.93 1.26 -18.85	43.40 1.17 -18.87	38.81 1.11 -16.28	37.27 1.11 -14.33	35.29 1.19 -10.29	39.21 1.12 -14.69	39.50 1.02 -12.86	37.91 1.12 -12.37	36.95 1.31 -8.42	36.56 1.42 -7.81	35.69 1.48 -5.80	35.27 1.55 -3.40	36.27 1.49 -4.90	36.92 1.42 -7.57	40.15 1.37 -11.81	46.69 0.63 -32.58	49.22 0.95 -29.57	60.48 0.80 -43.63	54.25 0.99 -34.31	49.31 0.42 -41.18	48.12 0.42 -39.58	44.63 0.27 -39.34	39.27 0.32 -33.16	36.22 0.21 -31.84
HEMPSTEAD____ 23647	44.27 1.60 -18.86	43.74 1.50 -18.88	39.10 1.39 -16.29	37.58 1.42 -14.34	35.63 1.52 -10.30	39.61 1.52 -14.70	40.10 1.61 -12.87	38.43 1.64 -12.38	37.53 1.88 -8.43	37.04 1.88 -7.82	40.42 1.90 -10.11	41.25 2.00 -8.92	46.91 1.97 -15.07	47.25 1.84 -17.48	50.41 1.78 -21.67	54.86 0.85 -40.53	71.77 1.25 -51.82	81.93 1.04 -64.84	74.67 1.33 -54.40	66.64 0.54 -58.39	55.44 0.55 -46.77	50.37 0.35 -45.01	39.39 0.43 -33.18	36.30 0.28 -31.86
HEWLETT__69_KV_BK3 55828	44.53 1.86 -18.86	44.01 1.78 -18.87	39.35 1.65 -16.28	37.82 1.66 -14.33	35.91 1.81 -10.29	39.86 1.78 -14.69	40.37 1.90 -12.86	38.69 1.90 -12.37	37.83 2.18 -8.42	37.32 2.16 -7.82	40.70 2.19 -10.11	41.55 2.30 -8.92	47.21 2.27 -15.07	47.52 2.12 -17.48	50.65 2.02 -21.67	55.00 0.98 -40.53	71.92 1.40 -51.82	82.05 1.17 -64.83	74.77 1.42 -54.40	66.71 0.61 -58.39	55.52 0.63 -46.77	50.43 0.41 -45.01	39.46 0.49 -33.18	36.34 0.33 -31.85
HICKLING__1 23621	30.87 0.21 -6.84	30.45 0.23 -6.85	27.54 0.21 -5.91	27.25 0.22 -5.20	27.78 0.24 -3.74	28.91 0.19 -5.33	30.44 0.15 -4.67	28.95 0.05 -4.49	30.15 -0.14 -3.06	29.95 -0.22 -2.83	30.40 -0.11 -2.11	31.50 -0.06 -1.24	31.63 -0.03 -1.78	30.54 -0.14 -2.75	31.00 -0.24 -4.29	25.25 -0.05 -11.83	29.41 -0.02 -10.73	31.89 0.00 -15.84	31.39 -0.02 -12.45	22.70 0.04 -14.95	22.55 0.06 -14.37	19.34 0.05 -14.28	17.87 0.05 -12.04	15.79 0.06 -11.56
HICKLING__2 23622	30.87 0.21 -6.84	30.45 0.23 -6.85	27.54 0.21 -5.91	27.25 0.22 -5.20	27.78 0.24 -3.74	28.91 0.19 -5.33	30.44 0.15 -4.67	28.95 0.05 -4.49	30.15 -0.14 -3.06	29.95 -0.22 -2.83	30.40 -0.11 -2.11	31.50 -0.06 -1.24	31.63 -0.03 -1.78	30.54 -0.14 -2.75	31.00 -0.24 -4.29	25.25 -0.05 -11.83	29.41 -0.02 -10.73	31.89 0.00 -15.84	31.39 -0.02 -12.45	22.70 0.04 -14.95	22.55 0.06 -14.37	19.34 0.05 -14.28	17.87 0.05 -12.04	15.79 0.06 -11.56
HIGH FALLS__HY 23754	43.77 0.95 -19.00	43.27 0.89 -19.02	38.64 0.81 -16.41	37.08 0.81 -14.44	35.13 0.95 -10.37	39.14 0.94 -14.80	39.52 0.95 -12.96	37.86 0.98 -12.47	36.83 1.12 -8.49	36.30 1.09 -7.87	35.36 1.11 -5.85	34.87 1.12 -3.43	36.04 1.22 -4.94	36.73 1.17 -7.63	40.00 1.13 -11.91	46.92 0.61 -32.84	49.40 0.90 -29.80	60.80 0.77 -43.98	54.43 0.89 -34.58	49.63 0.41 -41.51	48.43 0.42 -39.89	44.93 0.25 -39.66	39.50 0.29 -33.42	36.44 0.18 -32.10
HILLBURN__GT 23639	42.87 1.00 -18.06	42.37 0.94 -18.07	37.87 0.86 -15.60	36.43 0.87 -13.72	34.62 0.95 -9.86	38.40 0.94 -14.07	38.91 0.97 -12.32	37.29 1.03 -11.85	36.46 1.17 -8.07	36.01 1.20 -7.48	35.24 1.28 -5.56	34.91 1.33 -3.26	35.92 1.35 -4.70	36.44 1.26 -7.25	39.46 1.18 -11.32	45.27 0.58 -31.21	47.90 0.88 -28.32	58.57 0.72 -41.80	52.61 0.80 -32.87	47.54 0.39 -39.44	46.43 0.40 -37.91	42.96 0.25 -37.69	37.84 0.29 -31.76	34.85 0.18 -30.50
HILLSIDE_115KV_TB1 80332	30.75 -0.14 -7.08	30.36 -0.09 -7.09	27.43 -0.11 -6.12	27.10 -0.11 -5.38	27.58 -0.10 -3.87	28.75 -0.16 -5.52	30.22 -0.23 -4.83	28.77 -0.29 -4.65	29.87 -0.52 -3.16	29.67 -0.60 -2.93	30.10 -0.48 -2.18	31.11 -0.49 -1.28	31.24 -0.48 -1.84	30.27 -0.50 -2.85	30.78 -0.62 -4.44	25.48 -0.24 -12.24	29.53 -0.28 -11.11	32.18 -0.26 -16.39	31.50 -0.34 -12.89	23.11 -0.07 -15.47	22.94 -0.05 -14.87	19.77 -0.03 -14.78	18.22 -0.02 -12.46	16.14 0.00 -11.96
HISHELDN_WT_PWR 323625	28.82 -0.38 -5.39	28.48 -0.28 -5.39	25.77 -0.30 -4.65	25.64 -0.28 -4.09	26.44 -0.31 -2.94	27.15 -0.45 -4.20	28.75 -0.54 -3.67	27.12 -0.83 -3.53	28.46 -1.17 -2.41	28.33 -1.23 -2.23	29.01 -1.05 -1.66	30.23 -1.06 -0.97	30.20 -1.07 -1.40	28.97 -1.12 -2.16	29.09 -1.24 -3.38	22.26 -0.53 -9.31	26.40 -0.75 -8.45	27.85 -0.66 -12.47	27.94 -0.81 -9.80	19.25 -0.23 -11.76	19.21 -0.22 -11.31	16.14 -0.12 -11.24	15.15 -0.11 -9.47	13.24 -0.02 -9.10
HOLTSVILLE_IC_1 23690	44.99 2.31 -18.86	44.39 2.15 -18.88	39.70 1.99 -16.29	38.17 2.01 -14.34	36.27 2.17 -10.30	40.24 2.15 -14.70	40.81 2.33 -12.87	39.14 2.34 -12.38	38.33 2.67 -8.43	37.86 2.71 -7.82	41.19 2.67 -10.11	42.06 2.82 -8.92	47.72 2.78 -15.07	48.00 2.60 -17.48	51.16 2.53 -21.67	55.28 1.27 -40.53	72.39 1.87 -51.82	82.49 1.60 -64.84	75.38 2.03 -54.40	66.90 0.79 -58.40	55.69 0.80 -46.77	50.52 0.49 -45.01	39.57 0.61 -33.18	36.42 0.40 -31.86

HOLTSVILLE_IC_10 23699	45.11 2.43 -18.86	44.51 2.27 -18.88	39.81 2.10 -16.29	38.28 2.12 -14.34	36.39 2.29 -10.30	40.36 2.27 -14.70	40.94 2.46 -12.87	39.26 2.46 -12.38	38.46 2.80 -8.43	38.00 2.84 -7.82	41.36 2.84 -10.11	42.25 3.00 -8.92	47.90 2.96 -15.07	48.19 2.79 -17.48	51.32 2.70 -21.67	55.37 1.36 -40.53	72.52 2.00 -51.82	82.62 1.73 -64.84	75.56 2.22 -54.40	66.96 0.86 -58.40	55.74 0.86 -46.77	50.55 0.52 -45.01	39.61 0.64 -33.18	36.44 0.42 -31.86
HOLTSVILLE_IC_2 23691	44.99 2.31 -18.86	44.39 2.15 -18.88	39.70 1.99 -16.29	38.17 2.01 -14.34	36.27 2.17 -10.30	40.24 2.15 -14.70	40.81 2.33 -12.87	39.14 2.34 -12.38	38.33 2.67 -8.43	37.86 2.71 -7.82	41.19 2.67 -10.11	42.06 2.82 -8.92	47.72 2.78 -15.07	48.00 2.60 -17.48	51.16 2.53 -21.67	55.28 1.27 -40.53	72.39 1.87 -51.82	82.49 1.60 -64.84	75.38 2.03 -54.40	66.90 0.79 -58.40	55.69 0.80 -46.77	50.52 0.49 -45.01	39.57 0.61 -33.18	36.42 0.40 -31.86
HOLTSVILLE_IC_3 23692	44.99 2.31 -18.86	44.39 2.15 -18.88	39.70 1.99 -16.29	38.17 2.01 -14.34	36.27 2.17 -10.30	40.24 2.15 -14.70	40.81 2.33 -12.87	39.14 2.34 -12.38	38.33 2.67 -8.43	37.86 2.71 -7.82	41.19 2.67 -10.11	42.06 2.82 -8.92	47.72 2.78 -15.07	48.00 2.60 -17.48	51.16 2.53 -21.67	55.28 1.27 -40.53	72.39 1.87 -51.82	82.49 1.60 -64.84	75.38 2.03 -54.40	66.90 0.79 -58.40	55.69 0.80 -46.77	50.52 0.49 -45.01	39.57 0.61 -33.18	36.42 0.40 -31.86
HOLTSVILLE_IC_4 23693	44.99 2.31 -18.86	44.39 2.15 -18.88	39.70 1.99 -16.29	38.17 2.01 -14.34	36.27 2.17 -10.30	40.24 2.15 -14.70	40.81 2.33 -12.87	39.14 2.34 -12.38	38.33 2.67 -8.43	37.86 2.71 -7.82	41.19 2.67 -10.11	42.06 2.82 -8.92	47.72 2.78 -15.07	48.00 2.60 -17.48	51.16 2.53 -21.67	55.28 1.27 -40.53	72.39 1.87 -51.82	82.49 1.60 -64.84	75.38 2.03 -54.40	66.90 0.79 -58.40	55.69 0.80 -46.77	50.52 0.49 -45.01	39.57 0.61 -33.18	36.42 0.40 -31.86
HOLTSVILLE_IC_5 23694	44.99 2.31 -18.86	44.39 2.15 -18.88	39.70 1.99 -16.29	38.17 2.01 -14.34	36.27 2.17 -10.30	40.24 2.15 -14.70	40.81 2.33 -12.87	39.14 2.34 -12.38	38.33 2.67 -8.43	37.86 2.71 -7.82	41.19 2.67 -10.11	42.06 2.82 -8.92	47.72 2.78 -15.07	48.00 2.60 -17.48	51.16 2.53 -21.67	55.28 1.27 -40.53	72.39 1.87 -51.82	82.49 1.60 -64.84	75.38 2.03 -54.40	66.90 0.79 -58.40	55.69 0.80 -46.77	50.52 0.49 -45.01	39.57 0.61 -33.18	36.42 0.40 -31.86
HOLTSVILLE_IC_6 23695	45.11 2.43 -18.86	44.51 2.27 -18.88	39.81 2.10 -16.29	38.28 2.12 -14.34	36.39 2.29 -10.30	40.36 2.27 -14.70	40.94 2.46 -12.87	39.26 2.46 -12.38	38.46 2.80 -8.43	38.00 2.84 -7.82	41.36 2.84 -10.11	42.25 3.00 -8.92	47.90 2.96 -15.07	48.19 2.79 -17.48	51.32 2.70 -21.67	55.37 1.36 -40.53	72.52 2.00 -51.82	82.62 1.73 -64.84	75.56 2.22 -54.40	66.96 0.86 -58.40	55.74 0.86 -46.77	50.55 0.52 -45.01	39.61 0.64 -33.18	36.44 0.42 -31.86
HOLTSVILLE_IC_7 23696	45.11 2.43 -18.86	44.51 2.27 -18.88	39.81 2.10 -16.29	38.28 2.12 -14.34	36.39 2.29 -10.30	40.36 2.27 -14.70	40.94 2.46 -12.87	39.26 2.46 -12.38	38.46 2.80 -8.43	38.00 2.84 -7.82	41.36 2.84 -10.11	42.25 3.00 -8.92	47.90 2.96 -15.07	48.19 2.79 -17.48	51.32 2.70 -21.67	55.37 1.36 -40.53	72.52 2.00 -51.82	82.62 1.73 -64.84	75.56 2.22 -54.40	66.96 0.86 -58.40	55.74 0.86 -46.77	50.55 0.52 -45.01	39.61 0.64 -33.18	36.44 0.42 -31.86
HOLTSVILLE_IC_8 23697	45.11 2.43 -18.86	44.51 2.27 -18.88	39.81 2.10 -16.29	38.28 2.12 -14.34	36.39 2.29 -10.30	40.36 2.27 -14.70	40.94 2.46 -12.87	39.26 2.46 -12.38	38.46 2.80 -8.43	38.00 2.84 -7.82	41.36 2.84 -10.11	42.25 3.00 -8.92	47.90 2.96 -15.07	48.19 2.79 -17.48	51.32 2.70 -21.67	55.37 1.36 -40.53	72.52 2.00 -51.82	82.62 1.73 -64.84	75.56 2.22 -54.40	66.96 0.86 -58.40	55.74 0.86 -46.77	50.55 0.52 -45.01	39.61 0.64 -33.18	36.44 0.42 -31.86
HOLTSVILLE_IC_9 23698	45.11 2.43 -18.86	44.51 2.27 -18.88	39.81 2.10 -16.29	38.28 2.12 -14.34	36.39 2.29 -10.30	40.36 2.27 -14.70	40.94 2.46 -12.87	39.26 2.46 -12.38	38.46 2.80 -8.43	38.00 2.84 -7.82	41.36 2.84 -10.11	42.25 3.00 -8.92	47.90 2.96 -15.07	48.19 2.79 -17.48	51.32 2.70 -21.67	55.37 1.36 -40.53	72.52 2.00 -51.82	82.62 1.73 -64.84	75.56 2.22 -54.40	66.96 0.86 -58.40	55.74 0.86 -46.77	50.55 0.52 -45.01	39.61 0.64 -33.18	36.44 0.42 -31.86
HOMER_HL_115KV_TB2 355744	28.45 -0.76 -5.40	28.13 -0.63 -5.40	25.46 -0.62 -4.66	25.34 -0.59 -4.10	26.13 -0.62 -2.95	26.83 -0.77 -4.20	28.40 -0.90 -3.68	26.93 -1.03 -3.54	28.19 -1.44 -2.41	28.01 -1.56 -2.23	28.73 -1.34 -1.66	29.87 -1.43 -0.97	29.88 -1.40 -1.40	28.67 -1.42 -2.17	28.72 -1.62 -3.38	22.09 -0.71 -9.33	26.25 -0.92 -8.46	27.72 -0.82 -12.49	27.77 -1.00 -9.82	19.20 -0.30 -11.79	19.17 -0.28 -11.33	16.12 -0.16 -11.26	15.11 -0.16 -9.49	13.21 -0.08 -9.12
HOWARD_WT_PWR 323690	30.09 0.29 -5.98	29.66 0.30 -5.99	26.85 0.26 -5.17	26.64 0.26 -4.55	27.38 0.31 -3.27	28.27 0.21 -4.66	29.90 0.20 -4.08	28.39 0.05 -3.93	29.71 -0.19 -2.67	29.54 -0.27 -2.48	30.11 -0.14 -1.84	31.31 -0.09 -1.08	31.31 -0.12 -1.56	30.11 -0.22 -2.40	30.36 -0.35 -3.75	23.70 -0.12 -10.34	27.93 -0.15 -9.39	29.79 -0.11 -13.85	29.67 -0.17 -10.89	20.77 -0.02 -13.07	20.69 0.01 -12.56	17.51 0.01 -12.49	16.32 0.01 -10.53	14.32 0.05 -10.11
HQ_GEN_CEDARS 23644	23.90 -0.76 -0.85	23.44 -0.77 -0.85	21.43 -0.73 -0.73	21.97 -0.50 -0.64	23.70 -0.57 -0.46	23.73 -0.33 -0.66	26.12 -0.08 -0.58	25.02 0.05 -0.56	27.85 0.25 -0.38	27.88 0.19 -0.35	28.16 -0.51 -0.26	29.75 -0.73 -0.15	29.26 -0.84 -0.22	27.85 -0.42 -0.34	27.33 -0.16 -0.53	14.65 -0.30 -1.47	19.26 -0.77 -1.33	17.19 -0.82 -1.96	19.72 -0.78 -1.54	8.98 -0.59 -1.85	9.20 -0.70 -1.78	6.36 -0.43 -1.77	6.83 -0.45 -1.49	5.28 -0.32 -1.43
HQ_GEN_CEDARS_PROXY 323590	23.90 -0.76 -0.85	23.44 -0.77 -0.85	21.43 -0.73 -0.73	21.97 -0.50 -0.64	23.70 -0.57 -0.46	23.73 -0.33 -0.66	26.12 -0.08 -0.58	25.02 0.05 -0.56	27.85 0.24 -0.38	27.85 0.16 -0.35	28.16 -0.51 -0.26	29.75 -0.73 -0.15	29.26 -0.84 -0.22	27.85 -0.42 -0.34	27.33 -0.16 -0.53	14.65 -0.30 -1.47	19.26 -0.77 -1.33	17.19 -0.82 -1.96	19.72 -0.78 -1.54	8.98 -0.59 -1.85	9.20 -0.70 -1.78	6.36 -0.43 -1.77	6.83 -0.45 -1.49	5.28 -0.32 -1.43
HQ_GEN_IMPORT 323601	23.81 0.00 0.00	23.36 0.00 0.00	21.42 0.00 0.00	21.83 0.00 0.00	23.81 0.00 0.00	23.40 0.00 0.00	25.62 0.00 0.00	24.41 0.00 0.00	27.23 0.00 0.00	27.33 0.00 0.00	28.41 0.00 0.00	30.32 0.00 0.00	29.88 0.00 0.00	27.93 0.00 0.00	26.96 0.00 0.00	13.48 0.00 0.00	18.70 0.00 0.00	16.05 0.00 0.00	18.95 0.00 0.00	7.71 0.00 0.00	8.12 0.00 0.00	5.02 0.00 0.00	5.79 0.00 0.00	4.17 0.00 0.00
HQ_GEN_WHEEL 23651	23.81 0.00 0.00	23.36 0.00 0.00	21.42 0.00 0.00	21.83 0.00 0.00	23.81 0.00 0.00	23.40 0.00 0.00	25.62 0.00 0.00	24.41 0.00 0.00	27.23 0.00 0.00	27.33 0.00 0.00	28.41 0.00 0.00	30.32 0.00 0.00	29.88 0.00 0.00	27.93 0.00 0.00	26.96 0.00 0.00	13.48 0.00 0.00	18.70 0.00 0.00	16.05 0.00 0.00	18.95 0.00 0.00	7.71 0.00 0.00	8.12 0.00 0.00	5.02 0.00 0.00	5.79 0.00 0.00	4.17 0.00 0.00

HUDSON AVE_GT_3 23810	43.78 1.12 -18.85	43.26 1.03 -18.87	38.66 0.96 -16.28	37.14 0.98 -14.33	35.15 1.05 -10.29	39.11 1.03 -14.69	39.52 1.05 -12.86	37.93 1.15 -12.37	37.01 1.36 -8.42	36.59 1.45 -7.81	35.69 1.48 -5.80	35.27 1.55 -3.40	36.30 1.52 -4.90	36.92 1.42 -7.57	40.15 1.37 -11.81	46.69 0.63 -32.58	49.20 0.93 -29.56	60.46 0.79 -43.63	54.22 0.97 -34.31	49.30 0.42 -41.17	48.11 0.41 -39.57	44.63 0.27 -39.34	39.26 0.32 -33.16	36.20 0.19 -31.84
HUDSON AVE_GT_4 23540	43.78 1.12 -18.85	43.26 1.03 -18.87	38.66 0.96 -16.28	37.14 0.98 -14.33	35.15 1.05 -10.29	39.11 1.03 -14.69	39.52 1.05 -12.86	37.93 1.15 -12.37	37.01 1.36 -8.42	36.59 1.45 -7.81	35.69 1.48 -5.80	35.27 1.55 -3.40	36.30 1.52 -4.90	36.92 1.42 -7.57	40.15 1.37 -11.81	46.69 0.63 -32.58	49.20 0.93 -29.56	60.46 0.79 -43.63	54.22 0.97 -34.31	49.30 0.42 -41.17	48.11 0.41 -39.57	44.63 0.27 -39.34	39.26 0.32 -33.16	36.20 0.19 -31.84
HUDSON AVE_GT_5 23657	43.78 1.12 -18.85	43.26 1.03 -18.87	38.66 0.96 -16.28	37.14 0.98 -14.33	35.15 1.05 -10.29	39.11 1.03 -14.69	39.52 1.05 -12.86	37.93 1.15 -12.37	37.01 1.36 -8.42	36.59 1.45 -7.81	35.69 1.48 -5.80	35.27 1.55 -3.40	36.30 1.52 -4.90	36.92 1.42 -7.57	40.15 1.37 -11.81	46.69 0.63 -32.58	49.20 0.93 -29.56	60.46 0.79 -43.63	54.22 0.97 -34.31	49.30 0.42 -41.17	48.11 0.41 -39.57	44.63 0.27 -39.34	39.26 0.32 -33.16	36.20 0.19 -31.84
HUDSON_AVE_10 24168	43.67 1.00 -18.85	43.14 0.91 -18.87	38.56 0.86 -16.28	37.03 0.87 -14.33	35.03 0.93 -10.29	39.02 0.94 -14.69	39.42 0.95 -12.86	37.86 1.07 -12.37	36.93 1.28 -8.42	36.51 1.37 -7.81	35.57 1.36 -5.80	35.15 1.43 -3.40	36.18 1.40 -4.90	36.81 1.31 -7.57	40.04 1.27 -11.81	46.63 0.58 -32.58	49.12 0.86 -29.56	60.40 0.72 -43.63	54.15 0.89 -34.31	49.27 0.39 -41.17	48.07 0.38 -39.57	44.60 0.25 -39.34	39.24 0.30 -33.16	36.18 0.18 -31.84
HUDSON___115KV_TB 4 355613	47.09 1.17 -22.11	46.68 1.19 -22.12	41.54 1.03 -19.09	39.68 1.05 -16.80	37.04 1.17 -12.07	41.76 1.15 -17.22	42.00 1.31 -15.08	40.04 1.12 -14.51	38.38 1.28 -9.87	37.69 1.20 -9.15	36.46 1.25 -6.80	35.59 1.27 -3.99	36.79 1.17 -5.75	37.87 1.06 -8.88	41.89 1.08 -13.85	52.25 0.57 -38.20	54.17 0.80 -34.67	67.97 0.75 -51.16	60.02 0.83 -40.23	56.32 0.32 -48.28	54.86 0.33 -46.41	51.34 0.19 -46.13	44.86 0.19 -38.88	41.63 0.13 -37.34
HUNTER MOUNT___DRP 323613	46.71 1.29 -21.61	46.32 1.33 -21.63	41.22 1.14 -18.66	39.41 1.16 -16.42	36.91 1.31 -11.80	41.52 1.29 -16.83	41.81 1.46 -14.74	39.81 1.22 -14.18	38.27 1.39 -9.65	37.54 1.26 -8.95	36.39 1.34 -6.65	35.56 1.33 -3.90	36.81 1.31 -5.62	37.78 1.17 -8.68	41.71 1.21 -13.54	51.48 0.66 -37.34	53.50 0.92 -33.89	66.94 0.88 -50.01	59.26 0.99 -39.33	55.28 0.37 -47.20	53.87 0.39 -45.36	50.32 0.21 -45.10	44.00 0.21 -38.01	40.81 0.15 -36.50
HUNTINGTON_RES_REC 323705	44.70 2.02 -18.86	44.13 1.89 -18.88	39.47 1.76 -16.29	37.93 1.77 -14.34	36.01 1.91 -10.30	39.99 1.89 -14.70	40.51 2.02 -12.87	38.84 2.05 -12.38	38.02 2.37 -8.43	37.53 2.38 -7.82	40.87 2.36 -10.11	41.76 2.52 -8.92	47.42 2.48 -15.07	47.72 2.32 -17.48	50.89 2.26 -21.67	55.13 1.12 -40.53	72.21 1.68 -51.82	82.25 1.36 -64.84	75.19 1.84 -54.40	66.83 0.72 -58.40	55.60 0.71 -46.77	50.47 0.44 -45.01	39.50 0.54 -33.18	36.37 0.35 -31.86
HUNTLEY___63 23557	28.28 -0.48 -4.94	27.99 -0.33 -4.95	25.35 -0.34 -4.27	25.28 -0.31 -3.76	26.15 -0.36 -2.70	26.73 -0.51 -3.85	28.32 -0.67 -3.37	26.58 -1.07 -3.24	28.02 -1.42 -2.21	27.93 -1.45 -2.05	28.68 -1.25 -1.52	29.94 -1.27 -0.89	29.91 -1.25 -1.29	28.66 -1.26 -1.99	28.66 -1.40 -3.10	21.42 -0.61 -8.54	25.63 -0.82 -7.75	26.78 -0.71 -11.44	27.06 -0.89 -9.00	18.26 -0.25 -10.80	18.27 -0.23 -10.38	15.20 -0.12 -10.30	14.36 -0.11 -8.68	12.52 0.00 -8.35
HUNTLEY___64 23558	28.28 -0.48 -4.94	27.99 -0.33 -4.95	25.35 -0.34 -4.27	25.28 -0.31 -3.76	26.15 -0.36 -2.70	26.73 -0.51 -3.85	28.32 -0.67 -3.37	26.58 -1.07 -3.24	28.02 -1.42 -2.21	27.93 -1.45 -2.05	28.68 -1.25 -1.52	29.94 -1.27 -0.89	29.91 -1.25 -1.29	28.66 -1.26 -1.99	28.66 -1.40 -3.10	21.42 -0.61 -8.54	25.63 -0.82 -7.75	26.78 -0.71 -11.44	27.06 -0.89 -9.00	18.26 -0.25 -10.80	18.27 -0.23 -10.38	15.20 -0.12 -10.30	14.36 -0.11 -8.68	12.52 0.00 -8.35
HUNTLEY___65 23559	28.28 -0.48 -4.94	27.99 -0.33 -4.95	25.35 -0.34 -4.27	25.28 -0.31 -3.76	26.15 -0.36 -2.70	26.73 -0.51 -3.85	28.32 -0.67 -3.37	26.58 -1.07 -3.24	28.02 -1.42 -2.21	27.93 -1.45 -2.05	28.68 -1.25 -1.52	29.94 -1.27 -0.89	29.91 -1.25 -1.29	28.66 -1.26 -1.99	28.66 -1.40 -3.10	21.42 -0.61 -8.54	25.63 -0.82 -7.75	26.78 -0.71 -11.44	27.06 -0.89 -9.00	18.26 -0.25 -10.80	18.27 -0.23 -10.38	15.20 -0.12 -10.30	14.36 -0.11 -8.68	12.52 0.00 -8.35
HUNTLEY___66 23560	28.28 -0.48 -4.94	27.99 -0.33 -4.95	25.35 -0.34 -4.27	25.28 -0.31 -3.76	26.15 -0.36 -2.70	26.73 -0.51 -3.85	28.32 -0.67 -3.37	26.58 -1.07 -3.24	28.02 -1.42 -2.21	27.93 -1.45 -2.05	28.68 -1.25 -1.52	29.94 -1.27 -0.89	29.91 -1.25 -1.29	28.66 -1.26 -1.99	28.66 -1.40 -3.10	21.42 -0.61 -8.54	25.63 -0.82 -7.75	26.78 -0.71 -11.44	27.06 -0.89 -9.00	18.26 -0.25 -10.80	18.27 -0.23 -10.38	15.20 -0.12 -10.30	14.36 -0.11 -8.68	12.52 0.00 -8.35
HUNTLEY___67 23561	28.25 -0.57 -5.00	27.95 -0.42 -5.01	25.29 -0.45 -4.32	25.22 -0.41 -3.80	26.06 -0.48 -2.73	26.66 -0.63 -3.90	28.29 -0.74 -3.41	26.57 -1.12 -3.28	27.94 -1.52 -2.24	27.85 -1.56 -2.07	28.56 -1.39 -1.54	29.80 -1.43 -0.90	29.77 -1.40 -1.30	28.54 -1.40 -2.01	28.59 -1.51 -3.14	21.47 -0.66 -8.65	25.65 -0.90 -7.85	26.84 -0.79 -11.58	27.09 -0.97 -9.11	18.37 -0.28 -10.93	18.36 -0.27 -10.51	15.33 -0.14 -10.44	14.46 -0.13 -8.80	12.60 -0.03 -8.45
HUNTLEY___68 23562	28.25 -0.57 -5.00	27.95 -0.42 -5.01	25.29 -0.45 -4.32	25.22 -0.41 -3.80	26.06 -0.48 -2.73	26.66 -0.63 -3.90	28.29 -0.74 -3.41	26.57 -1.12 -3.28	27.94 -1.52 -2.24	27.85 -1.56 -2.07	28.56 -1.39 -1.54	29.80 -1.43 -0.90	29.77 -1.40 -1.30	28.54 -1.40 -2.01	28.59 -1.51 -3.14	21.47 -0.66 -8.65	25.65 -0.90 -7.85	26.84 -0.79 -11.58	27.09 -0.97 -9.11	18.37 -0.28 -10.93	18.36 -0.27 -10.51	15.33 -0.14 -10.44	14.46 -0.13 -8.80	12.60 -0.03 -8.45
HYLAND___LFGE 323620	30.13 1.00 -5.31	29.71 1.03 -5.32	26.91 0.90 -4.59	26.71 0.85 -4.04	27.59 0.88 -2.90	28.30 0.77 -4.14	30.19 0.95 -3.62	28.68 0.78 -3.49	30.03 0.43 -2.37	29.73 0.19 -2.20	30.24 0.20 -1.63	31.43 0.15 -0.96	31.38 0.12 -1.38	30.14 0.08 -2.13	30.31 0.03 -3.33	22.79 0.13 -9.18	27.42 0.39 -8.33	28.90 0.56 -12.29	29.38 0.76 -9.67	19.65 0.34 -11.60	19.67 0.40 -11.15	16.32 0.22 -11.08	15.34 0.21 -9.34	13.34 0.20 -8.97
INDECK___CORINTH 23802	48.85 1.60 -23.44	48.46 1.63 -23.46	43.10 1.44 -20.24	41.08 1.44 -17.81	38.08 1.48 -12.80	43.11 1.45 -18.26	43.27 1.66 -15.98	41.38 1.59 -15.38	39.55 1.85 -10.47	38.79 1.75 -9.71	37.38 1.76 -7.21	36.34 1.79 -4.23	37.83 1.85 -6.10	39.05 1.70 -9.42	43.24 1.59 -14.69	54.28 0.30 -40.51	55.81 0.35 -36.76	70.71 0.42 -54.25	62.06 0.45 -42.66	59.05 0.15 -51.20	57.46 0.14 -49.20	54.00 0.07 -48.92	47.09 0.08 -41.23	44.00 0.24 -39.59

INDECK___ILION 23567	24.67 0.26 -0.60	24.22 0.26 -0.60	22.19 0.26 -0.52	22.54 0.26 -0.45	24.39 0.26 -0.33	24.14 0.28 -0.47	26.33 0.31 -0.41	25.12 0.32 -0.39	27.87 0.38 -0.27	27.96 0.38 -0.25	28.93 0.34 -0.18	30.76 0.33 -0.11	30.33 0.30 -0.16	28.42 0.25 -0.24	27.58 0.24 -0.37	14.59 0.08 -1.03	19.71 0.07 -0.94	17.48 0.05 -1.38	20.04 0.00 -1.09	9.02 0.00 -1.31	9.37 0.00 -1.26	6.27 0.00 -1.25	6.84 0.01 -1.05	5.19 0.01 -1.01
INDECK___OLEAN 23982	28.45 -0.76 -5.40	28.14 -0.63 -5.40	25.46 -0.62 -4.66	25.36 -0.57 -4.10	26.13 -0.62 -2.95	26.83 -0.77 -4.20	28.40 -0.90 -3.68	26.93 -1.02 -3.54	28.19 -1.44 -2.41	28.01 -1.56 -2.23	28.73 -1.33 -1.66	29.87 -1.42 -0.97	29.88 -1.40 -1.40	28.67 -1.42 -2.17	28.72 -1.62 -3.38	22.09 -0.71 -9.33	26.23 -0.93 -8.46	27.72 -0.82 -12.49	27.77 -1.00 -9.82	19.20 -0.30 -11.79	19.17 -0.28 -11.33	16.12 -0.16 -11.26	15.11 -0.16 -9.49	13.20 -0.08 -9.12
INDECK___OSWEGO 23783	26.62 -0.45 -3.26	26.18 -0.44 -3.26	23.83 -0.41 -2.82	23.87 -0.44 -2.48	25.11 -0.48 -1.78	25.47 -0.47 -2.54	27.33 -0.51 -2.22	26.06 -0.49 -2.14	28.08 -0.60 -1.46	28.08 -0.60 -1.35	28.81 -0.60 -1.00	30.27 -0.64 -0.59	30.13 -0.60 -0.85	28.68 -0.56 -1.31	28.46 -0.54 -2.04	18.88 -0.23 -5.64	23.53 -0.28 -5.11	23.37 -0.22 -7.55	24.62 -0.27 -5.93	14.73 -0.10 -7.12	14.87 -0.10 -6.85	11.76 -0.07 -6.81	11.44 -0.08 -5.74	9.62 -0.05 -5.51
INDECK___YERKES 23781	28.31 -0.45 -4.94	28.01 -0.30 -4.95	25.37 -0.32 -4.27	25.28 -0.31 -3.76	26.15 -0.36 -2.70	26.75 -0.49 -3.85	28.35 -0.64 -3.37	26.61 -1.05 -3.24	28.05 -1.39 -2.21	27.96 -1.42 -2.05	28.71 -1.22 -1.52	29.97 -1.24 -0.89	29.94 -1.23 -1.29	28.69 -1.23 -1.99	28.68 -1.37 -3.10	21.43 -0.59 -8.54	25.63 -0.82 -7.75	26.80 -0.69 -11.44	27.08 -0.87 -9.00	18.27 -0.24 -10.80	18.28 -0.22 -10.38	15.21 -0.11 -10.30	14.36 -0.10 -8.68	12.52 0.00 -8.35
INDIAN POINT_GT_1 24139	43.50 1.00 -18.68	43.00 0.93 -18.70	38.43 0.88 -16.13	36.90 0.87 -14.20	34.96 0.95 -10.20	38.89 0.94 -14.56	39.33 0.97 -12.74	37.70 1.03 -12.26	36.77 1.20 -8.35	36.30 1.23 -7.74	35.46 1.31 -5.75	35.06 1.36 -3.37	36.08 1.34 -4.86	36.69 1.26 -7.50	39.88 1.21 -11.71	46.34 0.58 -32.29	48.86 0.86 -29.30	60.01 0.72 -43.24	53.82 0.87 -34.00	48.91 0.39 -40.81	47.74 0.40 -39.22	44.26 0.25 -38.99	38.94 0.29 -32.86	35.90 0.18 -31.56
INDIAN POINT_GT_2 23659	43.50 1.00 -18.68	43.00 0.93 -18.70	38.43 0.88 -16.13	36.90 0.87 -14.20	34.96 0.95 -10.20	38.89 0.94 -14.56	39.33 0.97 -12.74	37.70 1.03 -12.26	36.77 1.20 -8.35	36.30 1.23 -7.74	35.46 1.31 -5.75	35.06 1.36 -3.37	36.08 1.34 -4.86	36.69 1.26 -7.50	39.88 1.21 -11.71	46.34 0.58 -32.29	48.86 0.86 -29.30	60.01 0.72 -43.24	53.82 0.87 -34.00	48.91 0.39 -40.81	47.74 0.40 -39.22	44.26 0.25 -38.99	38.94 0.29 -32.86	35.90 0.18 -31.56
INDIAN POINT_GT_3 24019	43.50 1.00 -18.68	43.00 0.93 -18.70	38.43 0.88 -16.13	36.90 0.87 -14.20	34.96 0.95 -10.20	38.89 0.94 -14.56	39.33 0.97 -12.74	37.70 1.03 -12.26	36.77 1.20 -8.35	36.30 1.23 -7.74	35.46 1.31 -5.75	35.06 1.36 -3.37	36.08 1.34 -4.86	36.69 1.26 -7.50	39.88 1.21 -11.71	46.34 0.58 -32.29	48.86 0.86 -29.30	60.01 0.72 -43.24	53.82 0.87 -34.00	48.91 0.39 -40.81	47.74 0.40 -39.22	44.26 0.25 -38.99	38.94 0.29 -32.86	35.90 0.18 -31.56
INDIAN POINT___2 23530	43.25 0.98 -18.45	42.74 0.91 -18.47	38.21 0.86 -15.94	36.73 0.87 -14.02	34.81 0.93 -10.08	38.68 0.91 -14.38	39.15 0.95 -12.58	37.52 1.00 -12.11	36.64 1.17 -8.24	36.18 1.20 -7.64	35.37 1.28 -5.68	34.99 1.33 -3.33	35.99 1.31 -4.80	36.57 1.23 -7.41	39.71 1.18 -11.56	45.94 0.57 -31.89	48.50 0.86 -28.94	59.46 0.71 -42.71	53.39 0.85 -33.58	48.40 0.38 -40.31	47.25 0.39 -38.74	43.78 0.25 -38.51	38.53 0.29 -32.46	35.51 0.18 -31.17
INDIAN POINT___3 23531	43.48 0.98 -18.69	43.01 0.93 -18.71	38.42 0.86 -16.14	36.91 0.87 -14.20	34.96 0.95 -10.21	38.89 0.94 -14.56	39.34 0.97 -12.75	37.68 1.00 -12.27	36.75 1.17 -8.35	36.30 1.23 -7.74	35.47 1.31 -5.75	35.06 1.36 -3.38	36.08 1.34 -4.86	36.69 1.26 -7.51	39.86 1.19 -11.71	46.36 0.58 -32.30	48.87 0.86 -29.32	60.02 0.71 -43.26	53.84 0.87 -34.02	48.92 0.38 -40.83	47.75 0.39 -39.24	44.27 0.25 -39.01	38.95 0.29 -32.88	35.92 0.18 -31.57
INGHAM_C_115KV_TB7 356103	24.98 0.57 -0.60	24.52 0.56 -0.60	22.45 0.51 -0.52	22.81 0.52 -0.45	24.70 0.57 -0.33	24.40 0.54 -0.47	26.61 0.59 -0.41	25.41 0.61 -0.39	28.17 0.68 -0.27	28.24 0.66 -0.25	29.24 0.65 -0.18	31.07 0.64 -0.11	30.60 0.57 -0.16	28.67 0.50 -0.24	27.76 0.43 -0.37	14.65 0.13 -1.03	19.75 0.11 -0.94	17.50 0.06 -1.38	20.02 -0.02 -1.09	9.03 0.02 -1.31	9.38 0.01 -1.26	6.28 0.02 -1.25	6.87 0.03 -1.05	5.20 0.03 -1.01
IP CORINTH___1 23988	48.85 1.60 -23.44	48.46 1.64 -23.46	43.10 1.44 -20.24	41.08 1.44 -17.81	38.08 1.48 -12.80	43.11 1.45 -18.26	43.27 1.67 -15.98	41.38 1.59 -15.38	39.55 1.85 -10.47	38.79 1.75 -9.71	37.38 1.76 -7.21	36.34 1.79 -4.23	37.82 1.85 -6.10	39.05 1.70 -9.42	43.24 1.59 -14.69	54.35 0.36 -40.51	55.94 0.49 -36.76	70.79 0.50 -54.25	62.18 0.57 -42.66	59.09 0.19 -51.20	57.51 0.19 -49.20	54.03 0.10 -48.92	47.12 0.11 -41.23	44.00 0.24 -39.59
IP___TICONDEROGA 23804	49.60 2.38 -23.41	49.27 2.48 -23.43	43.78 2.14 -20.21	41.78 2.16 -17.79	38.85 2.26 -12.78	43.85 2.22 -18.24	44.17 2.59 -15.96	42.29 2.51 -15.36	40.60 2.91 -10.46	39.84 2.82 -9.69	38.57 2.95 -7.21	37.40 2.85 -4.23	38.95 2.99 -6.09	40.07 2.74 -9.40	44.32 2.70 -14.67	54.93 1.00 -40.45	56.75 1.35 -36.71	71.56 1.33 -54.18	62.99 1.44 -42.60	59.38 0.54 -51.13	57.80 0.54 -49.14	54.17 0.30 -48.85	47.26 0.30 -41.17	44.04 0.34 -39.54
ISLIP_RES_REC 323679	45.23 2.55 -18.86	44.60 2.36 -18.88	39.90 2.19 -16.29	38.37 2.20 -14.34	36.51 2.40 -10.30	40.45 2.36 -14.70	41.04 2.56 -12.87	39.36 2.56 -12.38	38.60 2.94 -8.43	38.14 2.98 -7.82	41.47 2.95 -10.11	42.40 3.15 -8.92	48.05 3.11 -15.07	48.31 2.90 -17.48	51.46 2.83 -21.67	55.44 1.43 -40.53	72.63 2.11 -51.82	82.72 1.83 -64.84	75.68 2.33 -54.40	67.01 0.90 -58.40	55.79 0.90 -46.77	50.58 0.55 -45.01	39.64 0.67 -33.18	36.46 0.44 -31.86
JAMAICA__27_KV_LOAD 355505	43.59 0.93 -18.85	43.07 0.84 -18.87	38.49 0.79 -16.28	36.94 0.79 -14.33	34.93 0.83 -10.29	38.97 0.89 -14.69	39.42 0.95 -12.86	37.88 1.10 -12.37	36.98 1.33 -8.42	36.59 1.45 -7.81	35.54 1.34 -5.80	35.12 1.39 -3.40	36.12 1.34 -4.90	36.76 1.26 -7.57	40.01 1.24 -11.81	46.62 0.57 -32.58	49.12 0.86 -29.56	60.40 0.72 -43.63	54.17 0.91 -34.31	49.28 0.39 -41.17	48.07 0.38 -39.57	44.59 0.24 -39.34	39.24 0.30 -33.16	36.18 0.17 -31.84
JANIS___SOLAR 323808	31.93 1.10 -7.02	31.47 1.08 -7.03	28.49 1.01 -6.06	28.15 0.98 -5.34	28.74 1.10 -3.83	29.97 1.15 -5.47	31.56 1.15 -4.79	30.24 1.22 -4.61	31.53 1.17 -3.14	31.31 1.06 -2.91	31.59 1.02 -2.16	32.68 1.09 -1.27	32.72 1.02 -1.83	31.75 1.00 -2.82	32.36 1.00 -4.40	26.19 0.58 -12.14	30.63 0.92 -11.01	33.17 0.87 -16.25	32.72 0.98 -12.78	23.45 0.40 -15.34	23.28 0.42 -14.74	19.91 0.24 -14.66	18.40 0.27 -12.35	16.24 0.21 -11.86

JARVIS____ 23743	24.39 -0.02 -0.60	23.96 0.00 -0.60	21.94 0.00 -0.52	22.28 0.00 -0.45	24.13 0.00 -0.33	23.86 0.00 -0.47	26.05 0.03 -0.41	24.83 0.02 -0.39	27.55 0.05 -0.27	27.64 0.05 -0.25	28.62 0.03 -0.18	30.46 0.03 -0.11	30.03 0.00 -0.16	28.17 0.00 -0.24	27.33 0.00 -0.37	14.50 -0.01 -1.03	19.60 -0.04 -0.94	17.38 -0.05 -1.38	19.98 -0.06 -1.09	8.98 -0.04 -1.31	9.33 -0.05 -1.26	6.24 -0.02 -1.25	6.81 -0.03 -1.05	5.16 -0.02 -1.01
JENNISON____1 23625	33.49 1.21 -8.46	33.05 1.21 -8.47	29.88 1.16 -7.31	29.37 1.11 -6.43	29.66 1.24 -4.62	31.20 1.22 -6.59	32.67 1.28 -5.77	31.33 1.37 -5.55	32.39 1.39 -3.78	32.20 1.37 -3.50	32.37 1.36 -2.60	33.30 1.46 -1.53	33.42 1.34 -2.20	32.64 1.31 -3.40	33.50 1.24 -5.30	28.77 0.67 -14.62	32.97 1.01 -13.27	36.54 0.91 -19.58	35.37 1.02 -15.40	26.61 0.42 -18.48	26.32 0.44 -17.76	22.93 0.26 -17.65	20.96 0.30 -14.88	18.69 0.23 -14.29
JENNISON____2 23626	33.49 1.21 -8.46	33.05 1.21 -8.47	29.88 1.16 -7.31	29.37 1.11 -6.43	29.66 1.24 -4.62	31.20 1.22 -6.59	32.67 1.28 -5.77	31.33 1.37 -5.55	32.39 1.39 -3.78	32.20 1.37 -3.50	32.37 1.36 -2.60	33.30 1.46 -1.53	33.42 1.34 -2.20	32.64 1.31 -3.40	33.50 1.24 -5.30	28.77 0.67 -14.62	32.97 1.01 -13.27	36.54 0.91 -19.58	35.37 1.02 -15.40	26.61 0.42 -18.48	26.32 0.44 -17.76	22.93 0.26 -17.65	20.96 0.30 -14.88	18.69 0.23 -14.29
JERICHO_RISE_WT_PWR 323719	23.54 -1.07 -0.80	23.11 -1.05 -0.80	21.14 -0.96 -0.69	21.73 -0.70 -0.60	23.50 -0.74 -0.43	23.57 -0.45 -0.62	25.98 -0.18 -0.54	24.91 -0.02 -0.52	27.80 0.22 -0.36	27.83 0.16 -0.33	28.37 -0.28 -0.24	29.98 -0.49 -0.14	29.45 -0.63 -0.21	27.91 -0.33 -0.32	27.30 -0.16 -0.50	14.56 -0.30 -1.37	19.12 -0.82 -1.25	16.99 -0.90 -1.84	19.53 -0.87 -1.45	8.77 -0.68 -1.74	8.97 -0.82 -1.67	6.15 -0.53 -1.66	6.61 -0.58 -1.40	5.10 -0.41 -1.34
KATONAH____115KV_46KV_TB4 355592	44.06 1.17 -19.08	43.58 1.12 -19.10	38.90 1.01 -16.48	37.38 1.05 -14.50	35.29 1.07 -10.42	39.34 1.08 -14.87	39.76 1.13 -13.01	38.10 1.17 -12.52	37.14 1.39 -8.52	36.66 1.42 -7.90	35.76 1.48 -5.87	35.28 1.52 -3.45	36.33 1.49 -4.96	36.99 1.40 -7.66	40.26 1.35 -11.96	47.11 0.66 -32.97	49.59 0.97 -29.92	61.01 0.80 -44.16	54.70 1.02 -34.73	49.84 0.46 -41.68	48.64 0.46 -40.06	45.13 0.29 -39.82	39.67 0.32 -33.56	36.60 0.20 -32.23
KCE_NY_1 323755	48.52 1.33 -23.37	48.14 1.38 -23.39	42.83 1.22 -20.19	40.81 1.22 -17.76	37.88 1.31 -12.76	42.89 1.29 -18.21	42.99 1.43 -15.94	41.09 1.34 -15.34	39.22 1.55 -10.44	38.52 1.50 -9.68	37.19 1.59 -7.20	36.15 1.61 -4.22	37.60 1.64 -6.08	38.85 1.53 -9.39	43.11 1.51 -14.65	54.49 0.62 -40.39	56.20 0.84 -36.66	70.93 0.79 -54.10	62.38 0.89 -42.54	59.11 0.34 -51.05	57.54 0.35 -49.07	54.00 0.21 -48.78	47.12 0.23 -41.11	43.85 0.20 -39.48
KCE_NY_6_ESR 323823	28.52 -0.40 -5.11	28.20 -0.28 -5.12	25.54 -0.30 -4.42	25.45 -0.26 -3.89	26.29 -0.31 -2.79	26.91 -0.47 -3.98	28.54 -0.56 -3.49	26.86 -0.90 -3.36	28.23 -1.28 -2.28	28.14 -1.31 -2.12	28.87 -1.11 -1.57	30.12 -1.12 -0.92	30.10 -1.10 -1.33	28.84 -1.15 -2.05	28.90 -1.27 -3.20	21.76 -0.55 -8.84	25.97 -0.75 -8.02	27.24 -0.64 -11.83	27.46 -0.80 -9.31	18.67 -0.22 -11.17	18.65 -0.20 -10.73	15.58 -0.10 -10.67	14.68 -0.09 -8.99	12.80 0.00 -8.64
KEDC_PORT_JEFF_GT2 24210	45.06 2.38 -18.86	44.46 2.22 -18.88	39.77 2.06 -16.29	38.24 2.07 -14.34	36.35 2.24 -10.30	40.32 2.22 -14.70	40.89 2.41 -12.87	39.21 2.42 -12.38	38.41 2.75 -8.43	37.95 2.79 -7.82	41.30 2.79 -10.11	42.18 2.94 -8.92	47.84 2.90 -15.07	48.14 2.74 -17.48	51.27 2.64 -21.67	55.35 1.33 -40.53	72.48 1.96 -51.82	82.57 1.68 -64.84	75.49 2.14 -54.40	66.94 0.83 -58.40	55.72 0.84 -46.77	50.54 0.51 -45.01	39.60 0.63 -33.18	36.43 0.41 -31.86
KEDC_PORT_JEFF_GT3 24211	45.06 2.38 -18.86	44.46 2.22 -18.88	39.77 2.06 -16.29	38.24 2.07 -14.34	36.35 2.24 -10.30	40.32 2.22 -14.70	40.89 2.41 -12.87	39.21 2.42 -12.38	38.41 2.75 -8.43	37.95 2.79 -7.82	41.30 2.79 -10.11	42.18 2.94 -8.92	47.84 2.90 -15.07	48.14 2.74 -17.48	51.27 2.64 -21.67	55.35 1.33 -40.53	72.48 1.96 -51.82	82.57 1.68 -64.84	75.49 2.14 -54.40	66.94 0.83 -58.40	55.72 0.84 -46.77	50.54 0.51 -45.01	39.60 0.63 -33.18	36.43 0.41 -31.86
KEDC_GLWD_GT4 24219	44.20 1.53 -18.86	43.67 1.43 -18.88	39.04 1.33 -16.29	37.52 1.35 -14.34	35.56 1.45 -10.30	39.54 1.45 -14.70	40.02 1.54 -12.87	38.36 1.56 -12.38	37.45 1.80 -8.43	36.99 1.83 -7.82	40.42 1.90 -10.11	41.25 2.00 -8.92	46.91 1.97 -15.07	47.25 1.84 -17.48	50.41 1.78 -21.67	54.86 0.85 -40.53	71.71 1.20 -51.82	81.88 1.00 -64.84	74.58 1.23 -54.40	66.62 0.52 -58.39	55.44 0.55 -46.77	50.37 0.35 -45.01	39.38 0.41 -33.18	36.29 0.27 -31.86
KEDC_GLWD_GT5 24220	44.20 1.53 -18.86	43.67 1.43 -18.88	39.04 1.33 -16.29	37.52 1.35 -14.34	35.56 1.45 -10.30	39.54 1.45 -14.70	40.02 1.54 -12.87	38.36 1.56 -12.38	37.45 1.80 -8.43	36.99 1.83 -7.82	40.42 1.90 -10.11	41.25 2.00 -8.92	46.91 1.97 -15.07	47.25 1.84 -17.48	50.41 1.78 -21.67	54.86 0.85 -40.53	71.71 1.20 -51.82	81.88 1.00 -64.84	74.58 1.23 -54.40	66.62 0.52 -58.39	55.44 0.55 -46.77	50.37 0.35 -45.01	39.38 0.41 -33.18	36.29 0.27 -31.86
KENSICO____ 23655	43.70 1.07 -18.82	43.20 1.00 -18.83	38.59 0.92 -16.25	37.07 0.94 -14.30	35.10 1.02 -10.27	39.06 1.01 -14.66	39.50 1.05 -12.83	37.86 1.10 -12.35	36.91 1.28 -8.41	36.47 1.34 -7.79	35.62 1.42 -5.79	35.20 1.49 -3.40	36.23 1.46 -4.90	36.85 1.37 -7.56	40.07 1.32 -11.79	46.62 0.62 -32.52	49.13 0.92 -29.51	60.37 0.77 -43.56	54.15 0.95 -34.25	49.22 0.41 -41.10	48.04 0.41 -39.51	44.56 0.27 -39.27	39.19 0.31 -33.10	36.14 0.19 -31.79
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	42.85 0.95 -18.08	42.35 0.89 -18.10	37.85 0.81 -15.61	36.40 0.83 -13.74	34.63 0.95 -9.87	38.42 0.94 -14.09	38.90 0.95 -12.33	37.25 0.98 -11.87	36.42 1.12 -8.08	35.91 1.09 -7.49	35.08 1.11 -5.57	34.71 1.12 -3.27	35.80 1.22 -4.70	36.36 1.17 -7.26	39.42 1.13 -11.33	45.33 0.61 -31.25	47.95 0.90 -28.36	58.67 0.77 -41.85	52.77 0.91 -32.91	47.62 0.41 -39.49	46.50 0.42 -37.96	43.00 0.25 -37.74	37.87 0.28 -31.80	34.88 0.17 -30.54
KIAC_JFK_GT1 23816	43.52 0.86 -18.85	43.00 0.77 -18.87	38.43 0.73 -16.28	36.87 0.72 -14.33	34.86 0.76 -10.29	38.90 0.82 -14.69	39.34 0.87 -12.86	37.83 1.05 -12.37	36.93 1.28 -8.42	36.51 1.37 -7.81	35.46 1.25 -5.80	35.03 1.30 -3.40	36.03 1.25 -4.90	36.70 1.20 -7.57	39.93 1.16 -11.81	46.58 0.53 -32.58	49.07 0.80 -29.56	60.35 0.67 -43.63	54.13 0.87 -34.31	49.25 0.36 -41.17	48.05 0.36 -39.57	44.58 0.22 -39.34	39.23 0.28 -33.16	36.17 0.16 -31.84
KIAC_JFK_GT2 23817	43.52 0.86 -18.85	43.00 0.77 -18.87	38.43 0.73 -16.28	36.87 0.72 -14.33	34.86 0.76 -10.29	38.90 0.82 -14.69	39.34 0.87 -12.86	37.83 1.05 -12.37	36.93 1.28 -8.42	36.51 1.37 -7.81	35.46 1.25 -5.80	35.03 1.30 -3.40	36.03 1.25 -4.90	36.70 1.20 -7.57	39.93 1.16 -11.81	46.58 0.53 -32.58	49.07 0.80 -29.56	60.35 0.67 -43.63	54.13 0.87 -34.31	49.25 0.36 -41.17	48.05 0.36 -39.57	44.58 0.22 -39.34	39.23 0.28 -33.16	36.17 0.16 -31.84

KIAC_JFK____ 323774	43.52 0.86 -18.85	43.00 0.77 -18.87	38.43 0.73 -16.28	36.90 0.74 -14.33	34.86 0.76 -10.29	38.90 0.82 -14.69	39.34 0.87 -12.86	37.83 1.05 -12.37	36.90 1.25 -8.42	36.51 1.37 -7.81	35.46 1.25 -5.80	35.03 1.30 -3.40	36.03 1.25 -4.90	36.70 1.20 -7.57	39.93 1.16 -11.81	46.58 0.53 -32.58	49.08 0.82 -29.56	60.35 0.67 -43.63	54.13 0.87 -34.31	49.25 0.36 -41.17	48.05 0.36 -39.57	44.58 0.22 -39.34	39.23 0.28 -33.16	36.17 0.16 -31.84
KINTIGH____ 23543	28.03 -0.40 -4.62	27.71 -0.28 -4.62	25.09 -0.32 -3.99	25.05 -0.28 -3.51	25.99 -0.33 -2.52	26.53 -0.47 -3.60	28.23 -0.54 -3.15	26.56 -0.88 -3.03	28.06 -1.23 -2.06	27.99 -1.26 -1.91	28.72 -1.11 -1.42	30.03 -1.12 -0.83	29.97 -1.11 -1.20	28.69 -1.09 -1.86	28.67 -1.19 -2.89	20.96 -0.50 -7.98	25.29 -0.65 -7.24	26.16 -0.58 -10.69	26.64 -0.72 -8.40	17.61 -0.19 -10.09	17.63 -0.18 -9.69	14.57 -0.09 -9.64	13.82 -0.09 -8.12	11.97 0.00 -7.80
KNTFSRNC_46_KV_46KV_LOAD 80397	23.92 -0.67 -0.78	23.46 -0.68 -0.78	21.45 -0.64 -0.67	22.09 -0.33 -0.59	23.87 -0.36 -0.42	23.93 -0.07 -0.60	26.43 0.28 -0.53	25.33 0.41 -0.51	28.31 0.74 -0.35	28.34 0.68 -0.32	28.87 0.23 -0.24	30.52 0.06 -0.14	29.99 -0.09 -0.20	28.41 0.17 -0.31	27.77 0.32 -0.49	14.78 -0.04 -1.34	19.45 -0.47 -1.22	17.25 -0.59 -1.80	19.89 -0.47 -1.41	8.87 -0.53 -1.69	9.07 -0.67 -1.63	6.19 -0.45 -1.62	6.67 -0.48 -1.36	5.13 -0.35 -1.31
LACHUTE____HYDRO 323717	49.60 2.38 -23.41	49.27 2.48 -23.43	43.78 2.14 -20.21	41.78 2.16 -17.79	38.85 2.26 -12.78	43.86 2.22 -18.24	44.17 2.59 -15.96	42.29 2.51 -15.36	40.60 2.91 -10.46	39.84 2.82 -9.69	38.57 2.95 -7.21	37.40 2.85 -4.23	38.95 2.99 -6.09	40.07 2.74 -9.40	44.32 2.70 -14.67	54.93 1.00 -40.45	56.74 1.33 -36.71	71.55 1.33 -54.18	62.99 1.44 -42.60	59.38 0.54 -51.13	57.80 0.54 -49.14	54.17 0.30 -48.85	47.26 0.30 -41.17	44.04 0.34 -39.54
LAWRNCV_115KV_TB1 80681	24.00 -0.81 -1.00	23.55 -0.82 -1.00	21.51 -0.77 -0.86	22.04 -0.55 -0.76	23.76 -0.60 -0.54	23.82 -0.35 -0.78	26.12 -0.18 -0.68	25.07 0.00 -0.65	27.86 0.19 -0.45	27.86 0.11 -0.41	28.15 -0.57 -0.31	29.74 -0.76 -0.18	29.24 -0.90 -0.26	27.83 -0.50 -0.40	27.26 -0.32 -0.63	14.82 -0.38 -1.72	19.37 -0.90 -1.56	17.46 -0.90 -2.31	19.88 -0.89 -1.82	9.26 -0.63 -2.18	9.49 -0.72 -2.09	6.67 -0.43 -2.08	7.08 -0.46 -1.75	5.54 -0.32 -1.69
LEDERLE____ 23769	43.11 1.07 -18.23	42.61 1.00 -18.24	38.08 0.92 -15.74	36.62 0.94 -13.85	34.78 1.02 -9.95	38.60 1.01 -14.20	39.10 1.05 -12.43	37.45 1.07 -11.96	36.62 1.25 -8.14	36.17 1.28 -7.55	35.38 1.36 -5.61	35.04 1.43 -3.29	36.05 1.43 -4.74	36.59 1.34 -7.32	39.65 1.27 -11.42	45.61 0.63 -31.50	48.22 0.93 -28.58	59.02 0.79 -42.18	53.05 0.93 -33.17	47.94 0.42 -39.81	46.81 0.43 -38.26	43.32 0.27 -38.04	38.16 0.31 -32.06	35.14 0.19 -30.79
LIGHTHSE_115KV_TB6 355974	26.54 -0.33 -3.06	26.10 -0.33 -3.06	23.78 -0.28 -2.64	23.85 -0.31 -2.32	25.14 -0.33 -1.67	25.47 -0.30 -2.38	27.40 -0.31 -2.09	26.17 -0.24 -2.01	28.27 -0.33 -1.37	28.24 -0.36 -1.27	28.92 -0.43 -0.94	30.39 -0.49 -0.55	30.16 -0.51 -0.80	28.74 -0.42 -1.23	28.50 -0.38 -1.92	18.61 -0.15 -5.29	23.31 -0.19 -4.80	23.01 -0.11 -7.08	24.38 -0.13 -5.57	14.33 -0.06 -6.68	14.47 -0.07 -6.42	11.35 -0.05 -6.38	11.10 -0.06 -5.38	9.29 -0.04 -5.17
LINDEN COGEN____ 23786	43.64 0.98 -18.85	43.12 0.89 -18.87	38.53 0.83 -16.28	37.00 0.85 -14.33	35.00 0.90 -10.29	38.97 0.89 -14.69	39.37 0.90 -12.86	37.81 1.03 -12.37	36.87 1.23 -8.42	36.45 1.31 -7.81	35.54 1.34 -5.80	35.12 1.40 -3.40	36.15 1.38 -4.90	36.78 1.29 -7.57	40.01 1.24 -11.81	46.62 0.57 -32.58	49.10 0.84 -29.56	60.37 0.69 -43.63	54.09 0.83 -34.31	49.26 0.37 -41.17	48.06 0.37 -39.57	44.60 0.24 -39.34	39.23 0.28 -33.16	36.18 0.17 -31.84
LINDHRST_69_KV_BK1 356055	44.88 2.21 -18.86	44.31 2.08 -18.87	39.63 1.93 -16.28	38.10 1.94 -14.33	36.19 2.09 -10.29	40.17 2.08 -14.69	40.70 2.23 -12.86	39.03 2.25 -12.37	38.21 2.56 -8.42	37.73 2.57 -7.82	41.10 2.58 -10.11	41.94 2.70 -8.92	47.60 2.66 -15.07	47.92 2.51 -17.48	51.05 2.43 -21.67	55.21 1.20 -40.53	72.30 1.78 -51.82	82.41 1.52 -64.84	75.26 1.91 -54.40	66.87 0.76 -58.39	55.66 0.77 -46.77	50.50 0.48 -45.01	39.55 0.58 -33.18	36.40 0.38 -31.85
LIPA_MISC_IPP 23656	45.07 2.41 -18.86	44.48 2.24 -18.87	39.78 2.08 -16.28	38.25 2.10 -14.33	36.36 2.26 -10.29	40.33 2.25 -14.69	40.91 2.43 -12.86	39.23 2.44 -12.37	38.45 2.80 -8.42	38.00 2.84 -7.82	41.33 2.81 -10.11	42.22 2.97 -8.92	47.90 2.96 -15.07	48.17 2.76 -17.48	51.32 2.70 -21.67	55.36 1.35 -40.53	72.49 1.96 -51.82	82.61 1.72 -64.84	75.55 2.20 -54.40	66.95 0.84 -58.40	55.73 0.84 -46.77	50.54 0.52 -45.01	39.60 0.64 -33.18	36.43 0.41 -31.85
LISF____SOLAR 323691	45.13 2.45 -18.86	44.53 2.29 -18.88	39.83 2.12 -16.29	38.31 2.14 -14.34	36.42 2.31 -10.30	40.39 2.29 -14.70	40.97 2.48 -12.87	39.28 2.49 -12.38	38.51 2.86 -8.43	38.05 2.90 -7.82	41.39 2.87 -10.11	42.28 3.03 -8.92	47.96 3.02 -15.07	48.22 2.82 -17.48	51.38 2.75 -21.67	55.39 1.38 -40.53	72.56 2.04 -51.82	82.64 1.75 -64.84	75.56 2.22 -54.40	66.97 0.86 -58.40	55.75 0.87 -46.77	50.55 0.53 -45.01	39.61 0.65 -33.18	36.44 0.42 -31.86
LITTLE FALLS____HYD 24013	24.98 0.57 -0.60	24.52 0.56 -0.60	22.45 0.51 -0.52	22.81 0.52 -0.45	24.70 0.57 -0.33	24.40 0.54 -0.47	26.61 0.59 -0.41	25.41 0.61 -0.39	28.17 0.68 -0.27	28.24 0.66 -0.25	29.24 0.65 -0.18	31.07 0.64 -0.11	30.60 0.57 -0.16	28.67 0.50 -0.24	27.76 0.43 -0.37	14.65 0.13 -1.03	19.75 0.11 -0.94	17.50 0.06 -1.38	20.02 -0.02 -1.09	9.03 0.02 -1.31	9.38 0.01 -1.26	6.28 0.02 -1.25	6.87 0.03 -1.05	5.20 0.03 -1.01
LITTLRIV_115KV_TB1 356100	24.26 -0.57 -1.02	23.80 -0.58 -1.02	21.77 -0.54 -0.88	22.28 -0.33 -0.78	24.01 -0.36 -0.56	24.07 -0.12 -0.80	26.42 0.10 -0.70	25.37 0.29 -0.67	28.20 0.52 -0.46	28.19 0.44 -0.42	28.47 -0.26 -0.31	30.05 -0.45 -0.18	29.51 -0.63 -0.27	28.09 -0.25 -0.41	27.52 -0.08 -0.64	15.00 -0.24 -1.77	19.61 -0.69 -1.60	17.69 -0.72 -2.37	20.13 -0.68 -1.86	9.39 -0.56 -2.23	9.61 -0.65 -2.15	6.76 -0.39 -2.13	7.18 -0.40 -1.80	5.62 -0.28 -1.73
LI_NEWBRDGE____DRP 323616	44.31 1.64 -18.86	43.80 1.57 -18.87	39.16 1.46 -16.28	37.64 1.48 -14.33	35.70 1.59 -10.29	39.65 1.57 -14.69	40.14 1.67 -12.86	38.47 1.68 -12.37	37.58 1.93 -8.42	37.07 1.91 -7.82	40.45 1.93 -10.11	41.28 2.03 -8.92	46.91 1.97 -15.07	47.25 1.84 -17.48	50.41 1.78 -21.67	54.87 0.86 -40.53	71.79 1.27 -51.82	81.95 1.06 -64.84	74.71 1.36 -54.40	66.66 0.56 -58.40	55.44 0.56 -46.77	50.38 0.35 -45.01	39.40 0.44 -33.18	36.31 0.29 -31.85
LOCKPORT_115KV_TB60_63_64 80432	28.03 -0.62 -4.83	27.76 -0.44 -4.84	25.12 -0.47 -4.17	25.06 -0.44 -3.67	25.94 -0.50 -2.64	26.48 -0.68 -3.76	28.12 -0.79 -3.29	26.39 -1.20 -3.17	27.81 -1.58 -2.16	27.72 -1.61 -2.00	28.44 -1.45 -1.49	29.71 -1.49 -0.87	29.67 -1.46 -1.26	28.44 -1.42 -1.94	28.42 -1.56 -3.03	21.14 -0.69 -8.35	25.34 -0.93 -7.58	26.43 -0.80 -11.18	26.76 -0.99 -8.79	17.98 -0.29 -10.55	17.99 -0.27 -10.14	14.95 -0.14 -10.08	14.13 -0.14 -8.49	12.30 -0.03 -8.16

LOCKPORT___CC1 323769	28.05 -0.62 -4.85	27.78 -0.44 -4.86	25.14 -0.47 -4.19	25.08 -0.44 -3.69	25.93 -0.52 -2.65	26.52 -0.65 -3.78	28.13 -0.79 -3.31	26.40 -1.20 -3.19	27.81 -1.58 -2.17	27.73 -1.61 -2.01	28.45 -1.45 -1.49	29.71 -1.49 -0.88	29.70 -1.43 -1.26	28.45 -1.42 -1.95	28.44 -1.56 -3.04	21.18 -0.69 -8.39	25.37 -0.93 -7.61	26.48 -0.80 -11.23	26.80 -0.99 -8.83	18.03 -0.29 -10.60	18.04 -0.27 -10.19	15.00 -0.14 -10.12	14.18 -0.14 -8.53	12.34 -0.02 -8.20
LOCKPORT___CC2 323770	28.05 -0.62 -4.85	27.78 -0.44 -4.86	25.14 -0.47 -4.19	25.08 -0.44 -3.69	25.93 -0.52 -2.65	26.52 -0.65 -3.78	28.13 -0.79 -3.31	26.40 -1.20 -3.19	27.81 -1.58 -2.17	27.73 -1.61 -2.01	28.45 -1.45 -1.49	29.71 -1.49 -0.88	29.70 -1.43 -1.26	28.45 -1.42 -1.95	28.44 -1.56 -3.04	21.18 -0.69 -8.39	25.37 -0.93 -7.61	26.48 -0.80 -11.23	26.80 -0.99 -8.83	18.03 -0.29 -10.60	18.04 -0.27 -10.19	15.00 -0.14 -10.12	14.18 -0.14 -8.53	12.34 -0.02 -8.20
LOCKPORT___CC3 323771	28.05 -0.62 -4.85	27.78 -0.44 -4.86	25.14 -0.47 -4.19	25.08 -0.44 -3.69	25.93 -0.52 -2.65	26.52 -0.65 -3.78	28.13 -0.79 -3.31	26.40 -1.20 -3.19	27.81 -1.58 -2.17	27.73 -1.61 -2.01	28.45 -1.45 -1.49	29.71 -1.49 -0.88	29.70 -1.43 -1.26	28.45 -1.42 -1.95	28.44 -1.56 -3.04	21.18 -0.69 -8.39	25.37 -0.93 -7.61	26.48 -0.80 -11.23	26.80 -0.99 -8.83	18.03 -0.29 -10.60	18.04 -0.27 -10.19	15.00 -0.14 -10.12	14.18 -0.14 -8.53	12.34 -0.02 -8.20
LONG_LAKE_PHOENIX 24014	26.88 -0.31 -3.38	26.42 -0.33 -3.38	24.04 -0.30 -2.92	24.07 -0.33 -2.57	25.32 -0.33 -1.85	25.70 -0.33 -2.63	27.54 -0.38 -2.31	26.26 -0.37 -2.22	28.27 -0.46 -1.51	28.27 -0.46 -1.40	28.99 -0.45 -1.04	30.48 -0.45 -0.61	30.34 -0.42 -0.88	28.89 -0.39 -1.36	28.70 -0.38 -2.12	19.17 -0.15 -5.84	23.83 -0.17 -5.30	23.76 -0.11 -7.82	24.91 -0.19 -6.15	15.05 -0.05 -7.38	15.17 -0.04 -7.10	12.04 -0.03 -7.05	11.68 -0.05 -5.95	9.85 -0.03 -5.71
LOVETT___3 23632	43.05 0.95 -18.29	42.55 0.89 -18.30	38.05 0.84 -15.79	36.58 0.85 -13.90	34.72 0.93 -9.98	38.55 0.91 -14.25	39.01 0.92 -12.47	37.39 0.98 -12.00	36.54 1.14 -8.17	36.08 1.18 -7.57	35.29 1.25 -5.63	34.93 1.30 -3.30	35.92 1.28 -4.76	36.47 1.20 -7.35	39.58 1.16 -11.46	45.63 0.55 -31.60	48.22 0.84 -28.68	59.06 0.69 -42.32	53.07 0.83 -33.28	48.02 0.37 -39.94	46.89 0.38 -38.39	43.42 0.24 -38.16	38.23 0.28 -32.16	35.23 0.17 -30.89
LOVETT___4 23642	43.05 0.95 -18.29	42.55 0.89 -18.30	38.05 0.84 -15.79	36.58 0.85 -13.90	34.72 0.93 -9.98	38.55 0.91 -14.25	39.01 0.92 -12.47	37.39 0.98 -12.00	36.54 1.14 -8.17	36.08 1.18 -7.57	35.29 1.25 -5.63	34.93 1.30 -3.30	35.92 1.28 -4.76	36.47 1.20 -7.35	39.58 1.16 -11.46	45.63 0.55 -31.60	48.22 0.84 -28.68	59.06 0.69 -42.32	53.07 0.83 -33.28	48.02 0.37 -39.94	46.89 0.38 -38.39	43.42 0.24 -38.16	38.23 0.28 -32.16	35.23 0.17 -30.89
LOVETT___5 23593	43.05 0.95 -18.29	42.55 0.89 -18.30	38.05 0.84 -15.79	36.58 0.85 -13.90	34.72 0.93 -9.98	38.55 0.91 -14.25	39.01 0.92 -12.47	37.39 0.98 -12.00	36.54 1.14 -8.17	36.08 1.18 -7.57	35.29 1.25 -5.63	34.93 1.30 -3.30	35.92 1.28 -4.76	36.47 1.20 -7.35	39.58 1.16 -11.46	45.63 0.55 -31.60	48.22 0.84 -28.68	59.06 0.69 -42.32	53.07 0.83 -33.28	48.02 0.37 -39.94	46.89 0.38 -38.39	43.42 0.24 -38.16	38.23 0.28 -32.16	35.23 0.17 -30.89
LOWER_RAQUET___HYD 24057	24.05 -0.81 -1.05	23.59 -0.82 -1.05	21.55 -0.77 -0.90	22.08 -0.54 -0.79	23.76 -0.62 -0.57	23.83 -0.38 -0.81	26.12 -0.21 -0.71	25.07 -0.02 -0.69	27.86 0.16 -0.47	27.85 0.08 -0.43	28.16 -0.57 -0.32	29.72 -0.79 -0.19	29.22 -0.93 -0.27	27.79 -0.56 -0.42	27.24 -0.38 -0.65	14.88 -0.40 -1.81	19.40 -0.93 -1.64	17.54 -0.93 -2.42	19.93 -0.93 -1.90	9.35 -0.65 -2.28	9.58 -0.73 -2.19	6.77 -0.43 -2.18	7.17 -0.46 -1.84	5.62 -0.32 -1.77
LOWER___HUDSON 24059	47.73 0.93 -22.99	47.31 0.94 -23.01	42.11 0.83 -19.85	40.17 0.87 -17.47	37.28 0.93 -12.55	42.22 0.91 -17.91	42.32 1.03 -15.68	40.43 0.93 -15.09	38.59 1.09 -10.27	37.92 1.06 -9.52	36.62 1.14 -7.08	35.65 1.18 -4.15	37.05 1.20 -5.98	38.28 1.12 -9.23	42.41 1.05 -14.41	53.68 0.47 -39.73	55.42 0.67 -36.05	69.85 0.59 -53.21	61.45 0.66 -41.84	58.19 0.27 -50.21	56.65 0.28 -48.26	53.16 0.17 -47.98	46.41 0.19 -40.43	43.14 0.15 -38.83
LOWVILLE_115KV_TB2 356335	25.34 -0.10 -1.62	24.89 -0.09 -1.62	22.76 -0.06 -1.40	23.02 -0.04 -1.23	24.64 -0.05 -0.88	24.70 0.05 -1.26	26.82 0.10 -1.11	25.74 0.27 -1.06	28.22 0.27 -0.72	28.22 0.22 -0.67	28.88 -0.03 -0.50	30.49 -0.12 -0.29	30.06 -0.24 -0.42	28.47 -0.11 -0.65	27.95 -0.03 -1.02	16.24 -0.04 -2.80	21.17 -0.07 -2.54	19.77 -0.03 -3.75	21.90 0.00 -2.95	11.17 -0.08 -3.54	11.41 -0.11 -3.40	8.32 -0.08 -3.38	8.55 -0.09 -2.85	6.86 -0.05 -2.74
LUTHERFT_115KV_GLOB_FND_222 355753	48.52 1.33 -23.37	48.11 1.36 -23.39	42.81 1.20 -20.19	40.81 1.22 -17.76	37.85 1.29 -12.76	42.87 1.26 -18.21	42.97 1.41 -15.94	41.09 1.34 -15.34	39.19 1.52 -10.44	38.52 1.50 -9.68	37.16 1.56 -7.20	36.15 1.61 -4.22	37.57 1.61 -6.08	38.82 1.51 -9.39	43.09 1.48 -14.65	54.48 0.61 -40.39	56.18 0.82 -36.66	70.92 0.77 -54.10	62.36 0.87 -42.54	59.10 0.33 -51.05	57.54 0.35 -49.07	54.00 0.20 -48.78	47.12 0.23 -41.11	43.85 0.20 -39.48
LUTHERNY_35_KV_BK2 355980	48.52 1.33 -23.37	48.14 1.38 -23.39	42.83 1.22 -20.19	40.81 1.22 -17.76	37.88 1.31 -12.76	42.89 1.29 -18.21	42.99 1.43 -15.94	41.09 1.34 -15.34	39.22 1.55 -10.44	38.52 1.50 -9.68	37.19 1.59 -7.20	36.15 1.61 -4.22	37.60 1.64 -6.08	38.85 1.54 -9.39	43.12 1.51 -14.65	54.49 0.62 -40.39	56.20 0.84 -36.66	70.93 0.79 -54.10	62.38 0.89 -42.54	59.11 0.34 -51.05	57.54 0.35 -49.07	54.00 0.21 -48.78	47.12 0.23 -41.11	43.85 0.20 -39.48
LWR___OSWEGATCHIE_HYD 23850	24.53 -0.69 -1.40	24.07 -0.70 -1.41	21.99 -0.64 -1.21	22.37 -0.52 -1.07	24.00 -0.57 -0.77	24.09 -0.40 -1.09	26.27 -0.31 -0.96	25.21 -0.12 -0.92	27.83 -0.03 -0.63	27.81 -0.11 -0.58	28.24 -0.60 -0.43	29.82 -0.76 -0.25	29.34 -0.90 -0.37	27.91 -0.59 -0.56	27.35 -0.49 -0.88	15.56 -0.35 -2.43	20.23 -0.67 -2.20	18.67 -0.63 -3.25	20.90 -0.61 -2.56	10.35 -0.43 -3.07	10.57 -0.50 -2.95	7.64 -0.31 -2.93	7.93 -0.32 -2.47	6.32 -0.23 -2.37
LYONS_FALL_HYD 23570	25.40 0.10 -1.49	24.98 0.12 -1.50	22.82 0.11 -1.29	23.10 0.13 -1.14	24.77 0.14 -0.82	24.75 0.19 -1.16	26.87 0.23 -1.02	25.76 0.37 -0.98	28.30 0.41 -0.67	28.31 0.35 -0.62	29.07 0.20 -0.46	30.74 0.15 -0.27	30.29 0.03 -0.39	28.67 0.14 -0.60	28.09 0.19 -0.94	16.13 0.07 -2.58	21.14 0.09 -2.34	19.62 0.11 -3.46	21.79 0.11 -2.72	10.98 0.00 -3.26	11.23 -0.02 -3.14	8.11 -0.02 -3.12	8.39 -0.02 -2.63	6.69 0.00 -2.52
MADISON___COUNTY_LFGE 323628	26.60 0.52 -2.27	26.17 0.54 -2.27	23.89 0.51 -1.96	24.05 0.50 -1.72	25.59 0.55 -1.24	25.72 0.56 -1.77	27.78 0.61 -1.55	26.56 0.66 -1.49	28.95 0.71 -1.01	28.96 0.68 -0.94	29.76 0.65 -0.70	31.40 0.67 -0.41	31.09 0.63 -0.59	29.42 0.59 -0.91	28.97 0.59 -1.42	17.70 0.31 -3.92	22.70 0.45 -3.55	21.69 0.40 -5.25	23.49 0.42 -4.13	12.83 0.17 -4.95	13.05 0.17 -4.76	9.84 0.10 -4.73	9.88 0.11 -3.99	8.09 0.10 -3.83

MALONE___115KV_TB1 356076	23.89 -0.79 -0.86	23.45 -0.77 -0.86	21.43 -0.73 -0.74	22.02 -0.46 -0.65	23.80 -0.48 -0.47	23.88 -0.19 -0.67	26.30 0.10 -0.59	25.24 0.27 -0.56	28.18 0.57 -0.38	28.18 0.49 -0.36	28.67 0.00 -0.26	30.29 -0.18 -0.15	29.77 -0.33 -0.22	28.22 -0.06 -0.34	27.60 0.11 -0.54	14.80 -0.16 -1.48	19.43 -0.62 -1.35	17.31 -0.72 -1.99	19.87 -0.64 -1.56	9.01 -0.58 -1.87	9.21 -0.71 -1.80	6.36 -0.45 -1.79	6.81 -0.49 -1.51	5.27 -0.35 -1.45
MAPLEWOD_115KV_TB3 80458	47.39 0.69 -22.89	46.97 0.70 -22.90	41.83 0.64 -19.76	39.87 0.65 -17.39	37.01 0.71 -12.49	41.90 0.68 -17.83	42.02 0.79 -15.61	40.11 0.68 -15.02	38.29 0.84 -10.22	37.63 0.82 -9.48	36.33 0.88 -7.04	35.42 0.97 -4.13	36.75 0.93 -5.95	37.96 0.84 -9.19	42.11 0.81 -14.34	53.40 0.38 -39.55	55.11 0.52 -35.89	69.48 0.47 -52.97	61.13 0.53 -41.65	57.91 0.21 -49.99	56.38 0.22 -48.04	52.91 0.13 -47.76	46.18 0.14 -40.25	42.92 0.10 -38.66
MAPLE_RIDGE_WT_1 323574	23.61 -0.69 -0.49	23.15 -0.70 -0.49	21.18 -0.66 -0.42	21.61 -0.59 -0.37	23.43 -0.64 -0.27	23.21 -0.56 -0.38	25.46 -0.49 -0.33	24.34 -0.39 -0.32	27.12 -0.33 -0.22	27.21 -0.33 -0.20	27.99 -0.57 -0.15	29.74 -0.67 -0.09	29.26 -0.75 -0.13	27.51 -0.61 -0.20	26.70 -0.57 -0.31	13.91 -0.40 -0.84	18.71 -0.75 -0.76	16.44 -0.74 -1.13	19.02 -0.81 -0.89	8.32 -0.46 -1.06	8.62 -0.52 -1.02	5.71 -0.32 -1.02	6.28 -0.36 -0.86	4.74 -0.25 -0.82
MAPLE_RIDGE_WT_2 323611	23.61 -0.69 -0.49	23.15 -0.70 -0.49	21.18 -0.66 -0.42	21.61 -0.59 -0.37	23.43 -0.64 -0.27	23.21 -0.56 -0.38	25.46 -0.49 -0.33	24.34 -0.39 -0.32	27.12 -0.33 -0.22	27.21 -0.33 -0.20	27.99 -0.57 -0.15	29.74 -0.67 -0.09	29.26 -0.75 -0.13	27.51 -0.61 -0.20	26.70 -0.57 -0.31	13.91 -0.40 -0.84	18.71 -0.75 -0.76	16.44 -0.74 -1.13	19.02 -0.81 -0.89	8.32 -0.46 -1.06	8.62 -0.52 -1.02	5.71 -0.32 -1.02	6.28 -0.36 -0.86	4.74 -0.25 -0.82
MARBLE_RIVER_WT_PWR 323696	23.58 -1.00 -0.77	23.15 -0.98 -0.77	21.21 -0.88 -0.66	21.80 -0.61 -0.58	23.58 -0.64 -0.42	23.62 -0.38 -0.60	26.06 -0.08 -0.52	24.99 0.07 -0.50	27.87 0.30 -0.34	27.90 0.25 -0.32	28.45 -0.20 -0.24	30.10 -0.36 -0.14	29.57 -0.51 -0.20	28.01 -0.22 -0.31	27.39 -0.05 -0.48	14.55 -0.26 -1.33	19.16 -0.75 -1.21	16.98 -0.85 -1.78	19.54 -0.81 -1.40	8.74 -0.66 -1.68	8.94 -0.80 -1.61	6.10 -0.52 -1.60	6.58 -0.56 -1.35	5.07 -0.40 -1.30
MARSHVLE_115KV_TB1 80742	53.53 1.19 -28.53	53.15 1.24 -28.55	47.17 1.11 -24.64	44.62 1.11 -21.68	40.57 1.19 -15.58	46.81 1.19 -22.23	46.43 1.36 -19.46	44.50 1.37 -18.72	41.47 1.50 -12.74	40.57 1.42 -11.81	38.64 1.45 -8.78	36.93 1.46 -5.15	38.82 1.52 -7.42	40.81 1.42 -11.46	46.35 1.51 -17.88	63.59 0.81 -49.30	64.60 1.16 -44.74	83.22 1.14 -66.03	72.22 1.35 -51.92	70.53 0.50 -62.31	68.52 0.51 -59.89	64.85 0.29 -59.54	56.26 0.29 -50.18	52.55 0.20 -48.19
MARSH_HILL_WT_PWR 323713	30.00 0.24 -5.95	29.58 0.26 -5.96	26.80 0.24 -5.14	26.57 0.22 -4.52	27.32 0.26 -3.25	28.22 0.19 -4.64	29.83 0.15 -4.06	28.32 0.00 -3.91	29.64 -0.25 -2.66	29.44 -0.36 -2.46	30.04 -0.20 -1.83	31.21 -0.18 -1.07	31.25 -0.18 -1.55	30.01 -0.31 -2.39	30.26 -0.43 -3.73	23.61 -0.15 -10.28	27.84 -0.19 -9.33	29.68 -0.14 -13.77	29.56 -0.23 -10.83	20.68 -0.03 -13.00	20.60 -0.01 -12.49	17.44 0.00 -12.42	16.25 0.00 -10.47	14.26 0.04 -10.05
MCINTYRE_115KV_TB2 80467	24.32 -0.48 -0.99	23.88 -0.47 -0.99	21.82 -0.45 -0.85	22.36 -0.22 -0.75	24.08 -0.26 -0.54	24.16 0.00 -0.77	26.54 0.26 -0.67	25.50 0.44 -0.65	28.32 0.65 -0.44	28.32 0.57 -0.41	28.57 -0.14 -0.30	30.16 -0.33 -0.18	29.59 -0.54 -0.26	28.18 -0.14 -0.40	27.66 0.08 -0.62	15.02 -0.16 -1.70	19.68 -0.56 -1.55	17.72 -0.61 -2.28	20.23 -0.51 -1.79	9.36 -0.51 -2.15	9.58 -0.61 -2.07	6.70 -0.38 -2.06	7.13 -0.39 -1.73	5.57 -0.27 -1.66
MECO___69_KV_BK1 80468	52.82 1.86 -27.15	52.50 1.96 -27.17	46.60 1.74 -23.44	44.21 1.75 -20.63	40.44 1.81 -14.82	46.39 1.85 -21.15	46.28 2.15 -18.51	44.38 2.15 -17.82	41.80 2.45 -12.13	40.90 2.32 -11.24	39.18 2.41 -8.36	37.71 2.49 -4.90	39.57 2.63 -7.06	41.40 2.57 -10.91	46.69 2.72 -17.01	61.80 1.40 -46.92	63.16 1.89 -42.58	80.68 1.80 -62.84	70.16 1.80 -49.41	67.77 0.76 -59.30	65.90 0.79 -56.99	62.12 0.45 -56.66	53.98 0.44 -47.75	50.32 0.29 -45.86
MENANDS_115KV_TB5 355628	47.23 0.57 -22.84	46.81 0.58 -22.86	41.66 0.51 -19.73	39.71 0.52 -17.36	36.85 0.57 -12.47	41.75 0.56 -17.80	41.84 0.64 -15.58	39.94 0.54 -14.99	38.11 0.68 -10.20	37.48 0.68 -9.46	36.18 0.74 -7.03	35.26 0.82 -4.13	36.59 0.78 -5.94	37.80 0.70 -9.18	41.92 0.65 -14.31	53.25 0.30 -39.48	54.93 0.41 -35.82	69.27 0.35 -52.87	60.92 0.40 -41.57	57.77 0.16 -49.89	56.24 0.17 -47.95	52.79 0.10 -47.67	46.07 0.11 -40.18	42.83 0.08 -38.58
MG INDUSTRY___DRP 24185	46.99 0.52 -22.65	46.54 0.51 -22.66	41.45 0.47 -19.56	39.52 0.48 -17.21	36.69 0.52 -12.36	41.55 0.51 -17.64	41.62 0.56 -15.44	39.79 0.51 -14.86	37.94 0.60 -10.12	37.34 0.63 -9.38	36.03 0.65 -6.97	35.14 0.73 -4.09	36.45 0.69 -5.89	37.64 0.61 -9.10	41.74 0.59 -14.19	52.89 0.27 -39.14	54.59 0.37 -35.52	68.78 0.32 -52.42	60.53 0.36 -41.22	57.33 0.15 -49.47	55.82 0.16 -47.54	52.38 0.10 -47.26	45.74 0.12 -39.83	42.50 0.08 -38.25
MID___OSWEGATCHIE_HYD 23849	24.53 -0.69 -1.40	24.07 -0.70 -1.41	21.99 -0.64 -1.21	22.37 -0.52 -1.07	24.00 -0.57 -0.77	24.09 -0.40 -1.09	26.27 -0.31 -0.96	25.21 -0.12 -0.92	27.83 -0.03 -0.63	27.81 -0.11 -0.58	28.24 -0.60 -0.43	29.82 -0.76 -0.25	29.34 -0.90 -0.37	27.91 -0.59 -0.56	27.35 -0.49 -0.88	15.56 -0.35 -2.43	20.23 -0.67 -2.20	18.67 -0.63 -3.25	20.90 -0.61 -2.56	10.35 -0.43 -3.07	10.57 -0.50 -2.95	7.64 -0.31 -2.93	7.93 -0.32 -2.47	6.32 -0.23 -2.37
MID___RAQUETTE_HYD 23851	24.05 -0.81 -1.05	23.59 -0.82 -1.05	21.55 -0.77 -0.90	22.08 -0.55 -0.79	23.76 -0.62 -0.57	23.83 -0.37 -0.81	26.12 -0.20 -0.71	25.07 -0.02 -0.69	27.86 0.16 -0.47	27.88 0.11 -0.43	28.16 -0.57 -0.32	29.72 -0.79 -0.19	29.22 -0.93 -0.27	27.82 -0.53 -0.42	27.24 -0.38 -0.65	14.88 -0.40 -1.81	19.40 -0.93 -1.64	17.54 -0.93 -2.42	19.92 -0.93 -1.90	9.35 -0.65 -2.28	9.58 -0.73 -2.19	6.77 -0.43 -2.18	7.17 -0.46 -1.84	5.62 -0.32 -1.77
MILLIKEN___1 23584	30.05 0.50 -5.74	29.60 0.49 -5.74	26.85 0.47 -4.95	26.62 0.44 -4.36	27.44 0.50 -3.13	28.36 0.49 -4.47	30.04 0.51 -3.91	28.71 0.54 -3.77	30.28 0.49 -2.56	30.15 0.44 -2.38	30.66 0.48 -1.77	31.90 0.55 -1.04	31.94 0.57 -1.49	30.73 0.50 -2.30	31.04 0.49 -3.60	23.68 0.28 -9.91	28.16 0.47 -9.00	29.78 0.45 -13.28	29.89 0.49 -10.44	20.47 0.23 -12.53	20.41 0.24 -12.04	17.13 0.14 -11.97	16.03 0.15 -10.09	13.97 0.11 -9.69
MILLIKEN___2 23585	30.05 0.50 -5.74	29.60 0.49 -5.74	26.85 0.47 -4.95	26.62 0.44 -4.36	27.44 0.50 -3.13	28.36 0.49 -4.47	30.04 0.51 -3.91	28.71 0.54 -3.77	30.28 0.49 -2.56	30.15 0.44 -2.38	30.66 0.48 -1.77	31.90 0.55 -1.04	31.94 0.57 -1.49	30.73 0.50 -2.30	31.04 0.49 -3.60	23.68 0.28 -9.91	28.16 0.47 -9.00	29.78 0.45 -13.28	29.89 0.49 -10.44	20.47 0.23 -12.53	20.41 0.24 -12.04	17.13 0.14 -11.97	16.03 0.15 -10.09	13.97 0.11 -9.69

MILLIKEN___DIESEL 23629	30.05 0.50 -5.74	29.60 0.49 -5.74	26.85 0.47 -4.95	26.62 0.44 -4.36	27.44 0.50 -3.13	28.36 0.49 -4.47	30.04 0.51 -3.91	28.71 0.54 -3.77	30.28 0.49 -2.56	30.15 0.44 -2.38	30.66 0.48 -1.77	31.90 0.55 -1.04	31.94 0.57 -1.49	30.73 0.50 -2.30	31.04 0.49 -3.60	23.68 0.28 -9.91	28.16 0.47 -9.00	29.78 0.45 -13.28	29.89 0.49 -10.44	20.47 0.23 -12.53	20.41 0.24 -12.04	17.13 0.14 -11.97	16.03 0.15 -10.09	13.97 0.11 -9.69
MILLSEAT___LFGE 323607	28.35 -0.21 -4.75	28.05 -0.07 -4.76	25.40 -0.13 -4.10	25.31 -0.13 -3.61	26.21 -0.19 -2.59	26.77 -0.33 -3.70	28.47 -0.38 -3.24	26.80 -0.73 -3.12	28.26 -1.09 -2.12	28.21 -1.09 -1.97	28.96 -0.91 -1.46	30.21 -0.97 -0.86	30.22 -0.90 -1.24	28.94 -0.89 -1.91	28.88 -1.05 -2.98	21.25 -0.44 -8.21	25.59 -0.56 -7.45	26.61 -0.43 -11.00	27.05 -0.55 -8.65	17.97 -0.12 -10.38	18.00 -0.10 -9.98	14.88 -0.05 -9.91	14.09 -0.05 -8.36	12.23 0.03 -8.03
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	43.60 1.02 -18.76	43.09 0.96 -18.77	38.52 0.90 -16.20	37.00 0.92 -14.25	35.02 0.98 -10.24	38.97 0.96 -14.61	39.41 1.00 -12.79	37.77 1.05 -12.31	36.83 1.23 -8.38	36.39 1.28 -7.77	35.52 1.34 -5.77	35.10 1.39 -3.39	36.13 1.37 -4.88	36.77 1.31 -7.53	39.95 1.24 -11.75	46.48 0.59 -32.41	48.99 0.88 -29.42	60.20 0.74 -43.41	54.00 0.91 -34.14	49.07 0.39 -40.97	47.90 0.41 -39.37	44.42 0.26 -39.14	39.07 0.30 -32.99	36.03 0.18 -31.68
MILLWOOD_13_KV_LOAD 356217	43.67 1.10 -18.76	43.16 1.03 -18.77	38.56 0.94 -16.20	37.04 0.96 -14.25	35.07 1.02 -10.24	39.01 1.01 -14.61	39.46 1.05 -12.79	37.82 1.10 -12.31	36.88 1.28 -8.38	36.44 1.34 -7.77	35.57 1.39 -5.77	35.16 1.46 -3.39	36.19 1.43 -4.88	36.80 1.34 -7.53	40.01 1.29 -11.75	46.51 0.62 -32.41	49.03 0.92 -29.42	60.21 0.75 -43.41	54.03 0.95 -34.14	49.10 0.42 -40.97	47.92 0.43 -39.37	44.43 0.27 -39.14	39.08 0.31 -32.99	36.04 0.19 -31.68
MODEL_CITY_ENERGY 24167	27.84 -0.86 -4.88	27.57 -0.68 -4.88	24.95 -0.69 -4.21	24.88 -0.65 -3.71	25.73 -0.74 -2.66	26.31 -0.89 -3.80	27.89 -1.05 -3.33	26.15 -1.46 -3.20	27.53 -1.88 -2.18	27.47 -1.89 -2.02	28.17 -1.73 -1.50	29.41 -1.79 -0.88	29.38 -1.76 -1.27	28.16 -1.73 -1.96	28.16 -1.86 -3.06	21.07 -0.84 -8.43	25.21 -1.14 -7.65	26.36 -0.98 -11.29	26.64 -1.19 -8.88	18.00 -0.37 -10.66	18.00 -0.37 -10.24	15.00 -0.20 -10.18	14.16 -0.20 -8.58	12.34 -0.07 -8.24
MODERN_LFGE___ 323580	27.84 -0.86 -4.88	27.57 -0.68 -4.88	24.95 -0.69 -4.21	24.88 -0.65 -3.71	25.73 -0.74 -2.66	26.31 -0.89 -3.80	27.89 -1.05 -3.33	26.15 -1.46 -3.20	27.53 -1.88 -2.18	27.47 -1.89 -2.02	28.17 -1.73 -1.50	29.41 -1.79 -0.88	29.38 -1.76 -1.27	28.16 -1.73 -1.96	28.16 -1.86 -3.06	21.07 -0.84 -8.43	25.21 -1.14 -7.65	26.36 -0.98 -11.29	26.64 -1.19 -8.88	18.00 -0.37 -10.66	18.00 -0.37 -10.24	15.00 -0.20 -10.18	14.16 -0.20 -8.58	12.34 -0.07 -8.24
MOHAWK_PAPER___DRP 24187	47.39 0.69 -22.89	46.97 0.70 -22.90	41.83 0.64 -19.76	39.87 0.65 -17.39	37.01 0.71 -12.49	41.90 0.68 -17.83	42.02 0.79 -15.61	40.11 0.68 -15.02	38.29 0.84 -10.22	37.63 0.82 -9.48	36.33 0.88 -7.04	35.42 0.97 -4.13	36.75 0.93 -5.95	37.96 0.84 -9.19	42.11 0.81 -14.34	53.40 0.38 -39.55	55.11 0.52 -35.89	69.48 0.47 -52.97	61.13 0.53 -41.65	57.91 0.21 -49.99	56.38 0.22 -48.04	52.91 0.13 -47.76	46.18 0.14 -40.25	42.92 0.10 -38.66
MOHICAN__35_KV_115KV_LD 80490	48.85 1.64 -23.40	48.48 1.71 -23.41	43.12 1.50 -20.20	41.11 1.51 -17.78	38.15 1.57 -12.77	43.17 1.54 -18.23	43.31 1.74 -15.95	41.45 1.68 -15.35	39.61 1.93 -10.45	38.85 1.83 -9.69	37.51 1.90 -7.20	36.46 1.91 -4.22	37.93 1.97 -6.09	39.14 1.82 -9.40	43.37 1.75 -14.66	54.45 0.54 -40.43	56.12 0.73 -36.69	70.90 0.71 -54.15	62.32 0.80 -42.58	59.10 0.29 -51.10	57.52 0.29 -49.11	54.00 0.16 -48.82	47.11 0.17 -41.15	43.93 0.25 -39.52
MONGAUP___HYD 23641	42.21 0.98 -17.41	41.70 0.91 -17.43	37.27 0.81 -15.04	35.89 0.83 -13.23	34.29 0.98 -9.51	37.92 0.96 -13.57	38.47 0.97 -11.88	36.82 0.98 -11.43	36.10 1.09 -7.78	35.58 1.04 -7.21	34.87 1.11 -5.36	34.59 1.12 -3.14	35.60 1.20 -4.53	36.07 1.15 -7.00	38.98 1.11 -10.91	44.16 0.59 -30.09	46.91 0.90 -27.31	57.14 0.79 -40.30	51.53 0.89 -31.69	46.15 0.40 -38.04	45.09 0.41 -36.56	41.60 0.24 -36.34	36.69 0.27 -30.63	33.75 0.17 -29.41
MONTAUK___DIESEL 23721	45.93 3.26 -18.86	45.29 3.06 -18.87	40.53 2.83 -16.28	39.02 2.86 -14.33	37.19 3.09 -10.29	41.15 3.06 -14.69	41.83 3.36 -12.86	40.13 3.34 -12.37	39.49 3.84 -8.42	39.09 3.94 -7.82	42.41 3.89 -10.11	43.40 4.15 -8.92	49.12 4.18 -15.07	49.26 3.85 -17.48	52.40 3.77 -21.67	55.88 1.87 -40.53	73.27 2.75 -51.82	83.28 2.39 -64.84	76.49 3.15 -54.40	67.27 1.16 -58.40	56.06 1.18 -46.77	50.73 0.71 -45.01	39.82 0.85 -33.18	36.57 0.55 -31.85
MOONROAD_115KV_HARTFLD_TB1-2 355988	28.99 -0.10 -5.27	28.64 0.00 -5.28	25.93 -0.04 -4.55	25.81 -0.02 -4.01	26.66 -0.02 -2.88	27.32 -0.19 -4.11	28.93 -0.28 -3.60	27.38 -0.49 -3.46	28.74 -0.84 -2.36	28.62 -0.90 -2.18	29.40 -0.62 -1.62	30.51 -0.76 -0.95	30.44 -0.81 -1.37	29.12 -0.92 -2.12	29.08 -1.19 -3.30	22.00 -0.59 -9.11	26.11 -0.86 -8.27	27.52 -0.74 -12.21	27.68 -0.87 -9.60	18.95 -0.28 -11.52	18.94 -0.25 -11.07	15.89 -0.13 -11.00	14.94 -0.12 -9.27	13.06 -0.02 -8.91
MORTIMER_115KV_TB3 55949	28.17 -0.02 -4.38	27.82 0.07 -4.38	25.20 0.00 -3.78	25.15 0.00 -3.33	26.17 -0.02 -2.39	26.67 -0.14 -3.41	28.47 -0.13 -2.99	26.94 -0.34 -2.87	28.61 -0.57 -1.96	28.57 -0.57 -1.81	29.30 -0.45 -1.35	30.66 -0.45 -0.79	30.63 -0.39 -1.14	29.29 -0.39 -1.76	29.24 -0.46 -2.74	20.87 -0.18 -7.57	25.38 -0.19 -6.87	26.07 -0.11 -10.13	26.75 -0.17 -7.97	17.26 -0.02 -9.56	17.32 0.02 -9.19	14.16 0.01 -9.14	13.49 0.01 -7.70	11.61 0.05 -7.39
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	43.81 1.14 -18.85	43.28 1.05 -18.87	38.69 0.99 -16.28	37.16 1.00 -14.33	35.17 1.07 -10.29	39.14 1.05 -14.69	39.55 1.08 -12.86	37.93 1.15 -12.37	37.01 1.36 -8.42	36.56 1.42 -7.81	35.72 1.51 -5.80	35.27 1.55 -3.40	36.30 1.52 -4.90	36.92 1.42 -7.57	40.15 1.37 -11.81	46.71 0.65 -32.58	49.22 0.95 -29.57	60.48 0.80 -43.63	54.25 0.99 -34.31	49.31 0.42 -41.18	48.13 0.43 -39.58	44.64 0.28 -39.34	39.27 0.32 -33.16	36.21 0.20 -31.84
MUNSVILLE_WIND_PWR 323609	33.34 1.79 -7.74	32.91 1.80 -7.75	29.80 1.69 -6.69	29.37 1.66 -5.88	29.87 1.83 -4.23	31.23 1.80 -6.03	32.82 1.92 -5.28	31.59 2.10 -5.08	32.81 2.13 -3.46	32.62 2.08 -3.21	32.84 2.05 -2.38	33.84 2.12 -1.40	33.83 1.94 -2.01	32.94 1.90 -3.11	33.64 1.83 -4.85	27.83 0.97 -13.38	32.30 1.46 -12.14	35.29 1.32 -17.92	34.52 1.48 -14.09	25.20 0.57 -16.91	24.97 0.59 -16.26	21.51 0.34 -16.16	19.80 0.39 -13.62	17.56 0.31 -13.08
N SALMON___HYD 24042	23.89 -0.79 -0.86	23.45 -0.77 -0.86	21.43 -0.73 -0.74	22.02 -0.46 -0.65	23.80 -0.48 -0.47	23.88 -0.19 -0.67	26.31 0.10 -0.59	25.24 0.27 -0.56	28.18 0.57 -0.38	28.15 0.46 -0.36	28.67 0.00 -0.26	30.29 -0.18 -0.15	29.77 -0.33 -0.22	28.22 -0.06 -0.34	27.60 0.11 -0.54	14.80 -0.16 -1.48	19.43 -0.62 -1.35	17.31 -0.72 -1.99	19.87 -0.64 -1.56	9.01 -0.58 -1.87	9.21 -0.71 -1.80	6.36 -0.45 -1.79	6.81 -0.49 -1.51	5.27 -0.35 -1.45

N.AKRON__115KV_KNAPP 355671	28.37 -0.21 -4.77	28.07 -0.07 -4.77	25.41 -0.13 -4.12	25.34 -0.11 -3.63	26.24 -0.17 -2.60	26.78 -0.33 -3.72	28.49 -0.38 -3.25	26.78 -0.76 -3.13	28.27 -1.09 -2.13	28.22 -1.09 -1.98	28.94 -0.94 -1.47	30.21 -0.97 -0.86	30.19 -0.93 -1.24	28.92 -0.92 -1.92	28.90 -1.05 -2.99	21.28 -0.44 -8.24	25.62 -0.56 -7.48	26.64 -0.45 -11.04	27.05 -0.59 -8.68	18.00 -0.13 -10.42	18.03 -0.11 -10.01	14.92 -0.05 -9.95	14.12 -0.05 -8.39	12.26 0.03 -8.06
N.BELMOR_69_KV_BK1 55787	44.46 1.79 -18.86	43.92 1.68 -18.87	39.27 1.56 -16.28	37.75 1.59 -14.33	35.81 1.71 -10.29	39.77 1.68 -14.69	40.27 1.79 -12.86	38.62 1.83 -12.37	37.75 2.10 -8.42	37.26 2.10 -7.82	40.62 2.10 -10.11	41.46 2.21 -8.92	47.12 2.18 -15.07	47.44 2.04 -17.48	50.60 1.97 -21.67	54.94 0.93 -40.53	71.88 1.36 -51.82	82.04 1.16 -64.84	74.83 1.48 -54.40	66.70 0.59 -58.39	55.49 0.60 -46.77	50.42 0.39 -45.01	39.44 0.48 -33.18	36.33 0.32 -31.85
N.E_GEN_SANDY PD 24062	45.70 0.90 -20.98	45.25 0.89 -21.00	40.38 0.83 -18.12	38.62 0.85 -15.95	36.22 0.95 -11.46	40.65 0.91 -16.35	40.90 0.97 -14.31	39.09 0.90 -13.77	37.66 1.06 -9.37	37.09 1.06 -8.69	36.00 1.14 -6.46	35.35 1.24 -3.79	36.53 1.20 -5.46	37.50 1.15 -8.43	41.19 1.08 -13.15	50.24 0.50 -36.26	52.34 0.73 -32.91	65.22 0.61 -48.57	57.86 0.72 -38.19	53.85 0.30 -45.83	52.48 0.31 -44.05	49.00 0.19 -43.79	42.93 0.24 -36.91	39.77 0.16 -35.44
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	43.07 1.00 -18.26	42.57 0.93 -18.27	38.04 0.86 -15.77	36.57 0.87 -13.87	34.73 0.95 -9.97	38.55 0.94 -14.22	39.04 0.97 -12.45	37.39 1.00 -11.98	36.55 1.17 -8.15	36.10 1.20 -7.56	35.30 1.28 -5.62	34.95 1.33 -3.30	35.97 1.34 -4.75	36.52 1.26 -7.33	39.58 1.19 -11.44	45.61 0.58 -31.55	48.21 0.88 -28.63	59.02 0.72 -42.25	53.05 0.87 -33.22	47.97 0.39 -39.88	46.84 0.40 -38.32	43.37 0.25 -38.10	38.19 0.30 -32.11	35.18 0.18 -30.84
N.QUEENS_27_KV_LOAD 356247	43.93 1.26 -18.85	43.40 1.17 -18.87	38.79 1.09 -16.28	37.25 1.09 -14.33	35.26 1.17 -10.29	39.09 1.01 -14.69	39.29 0.82 -12.86	37.69 0.90 -12.37	36.82 1.17 -8.42	36.40 1.26 -7.81	35.49 1.28 -5.80	35.03 1.30 -3.40	36.06 1.28 -4.90	36.70 1.20 -7.57	39.93 1.16 -11.81	46.57 0.51 -32.58	49.07 0.80 -29.57	60.35 0.67 -43.63	54.11 0.85 -34.31	49.26 0.37 -41.18	48.05 0.36 -39.58	44.59 0.23 -39.34	39.23 0.28 -33.16	36.20 0.19 -31.84
N.TROY___115KV_TB1 355778	47.73 0.93 -22.99	47.31 0.93 -23.01	42.11 0.84 -19.85	40.17 0.87 -17.47	37.29 0.93 -12.55	42.22 0.91 -17.91	42.32 1.02 -15.68	40.43 0.93 -15.09	38.58 1.09 -10.27	37.92 1.07 -9.52	36.62 1.14 -7.08	35.65 1.18 -4.15	37.05 1.20 -5.98	38.28 1.12 -9.23	42.42 1.05 -14.41	53.68 0.47 -39.73	55.42 0.67 -36.05	69.85 0.59 -53.21	61.45 0.66 -41.84	58.19 0.27 -50.21	56.65 0.28 -48.26	53.16 0.17 -47.98	46.41 0.19 -40.43	43.14 0.15 -38.83
NARROWS_GT1_1 24228	44.10 1.43 -18.86	43.57 1.33 -18.87	38.97 1.26 -16.29	37.43 1.27 -14.33	35.46 1.36 -10.30	39.38 1.29 -14.70	39.65 1.18 -12.86	38.00 1.22 -12.37	37.06 1.41 -8.42	36.67 1.53 -7.81	35.83 1.62 -5.80	35.39 1.67 -3.40	36.42 1.64 -4.90	37.03 1.53 -7.57	40.28 1.51 -11.81	46.76 0.70 -32.58	49.37 1.10 -29.57	60.61 0.93 -43.63	54.40 1.14 -34.31	49.38 0.49 -41.18	48.16 0.47 -39.58	44.67 0.31 -39.34	39.31 0.37 -33.16	36.26 0.24 -31.85
NARROWS_GT1_2 24229	44.10 1.43 -18.86	43.57 1.33 -18.87	38.97 1.26 -16.29	37.43 1.27 -14.33	35.46 1.36 -10.30	39.38 1.29 -14.70	39.65 1.18 -12.86	38.00 1.22 -12.37	37.06 1.41 -8.42	36.67 1.53 -7.81	35.83 1.62 -5.80	35.39 1.67 -3.40	36.42 1.64 -4.90	37.03 1.53 -7.57	40.28 1.51 -11.81	46.76 0.70 -32.58	49.37 1.10 -29.57	60.61 0.93 -43.63	54.40 1.14 -34.31	49.38 0.49 -41.18	48.16 0.47 -39.58	44.67 0.31 -39.34	39.31 0.37 -33.16	36.26 0.24 -31.85
NARROWS_GT1_3 24230	44.10 1.43 -18.86	43.57 1.33 -18.87	38.97 1.26 -16.29	37.43 1.27 -14.33	35.46 1.36 -10.30	39.38 1.29 -14.70	39.65 1.18 -12.86	38.00 1.22 -12.37	37.06 1.41 -8.42	36.67 1.53 -7.81	35.83 1.62 -5.80	35.39 1.67 -3.40	36.42 1.64 -4.90	37.03 1.53 -7.57	40.28 1.51 -11.81	46.76 0.70 -32.58	49.37 1.10 -29.57	60.61 0.93 -43.63	54.40 1.14 -34.31	49.38 0.49 -41.18	48.16 0.47 -39.58	44.67 0.31 -39.34	39.31 0.37 -33.16	36.26 0.24 -31.85
NARROWS_GT1_4 24231	44.10 1.43 -18.86	43.57 1.33 -18.87	38.97 1.26 -16.29	37.43 1.27 -14.33	35.46 1.36 -10.30	39.38 1.29 -14.70	39.65 1.18 -12.86	38.00 1.22 -12.37	37.06 1.41 -8.42	36.67 1.53 -7.81	35.83 1.62 -5.80	35.39 1.67 -3.40	36.42 1.64 -4.90	37.03 1.53 -7.57	40.28 1.51 -11.81	46.76 0.70 -32.58	49.37 1.10 -29.57	60.61 0.93 -43.63	54.40 1.14 -34.31	49.38 0.49 -41.18	48.16 0.47 -39.58	44.67 0.31 -39.34	39.31 0.37 -33.16	36.26 0.24 -31.85
NARROWS_GT1_5 24232	44.10 1.43 -18.86	43.57 1.33 -18.87	38.97 1.26 -16.29	37.43 1.27 -14.33	35.46 1.36 -10.30	39.38 1.29 -14.70	39.65 1.18 -12.86	38.00 1.22 -12.37	37.06 1.41 -8.42	36.67 1.53 -7.81	35.83 1.62 -5.80	35.39 1.67 -3.40	36.42 1.64 -4.90	37.03 1.53 -7.57	40.28 1.51 -11.81	46.76 0.70 -32.58	49.37 1.10 -29.57	60.61 0.93 -43.63	54.40 1.14 -34.31	49.38 0.49 -41.18	48.16 0.47 -39.58	44.67 0.31 -39.34	39.31 0.37 -33.16	36.26 0.24 -31.85
NARROWS_GT1_6 24233	44.10 1.43 -18.86	43.57 1.33 -18.87	38.97 1.26 -16.29	37.43 1.27 -14.33	35.46 1.36 -10.30	39.38 1.29 -14.70	39.65 1.18 -12.86	38.00 1.22 -12.37	37.06 1.41 -8.42	36.67 1.53 -7.81	35.83 1.62 -5.80	35.39 1.67 -3.40	36.42 1.64 -4.90	37.03 1.53 -7.57	40.28 1.51 -11.81	46.76 0.70 -32.58	49.37 1.10 -29.57	60.61 0.93 -43.63	54.40 1.14 -34.31	49.38 0.49 -41.18	48.16 0.47 -39.58	44.67 0.31 -39.34	39.31 0.37 -33.16	36.26 0.24 -31.85
NARROWS_GT1_7 24234	44.10 1.43 -18.86	43.57 1.33 -18.87	38.97 1.26 -16.29	37.43 1.27 -14.33	35.46 1.36 -10.30	39.38 1.29 -14.70	39.65 1.18 -12.86	38.00 1.22 -12.37	37.06 1.41 -8.42	36.67 1.53 -7.81	35.83 1.62 -5.80	35.39 1.67 -3.40	36.42 1.64 -4.90	37.03 1.53 -7.57	40.28 1.51 -11.81	46.76 0.70 -32.58	49.37 1.10 -29.57	60.61 0.93 -43.63	54.40 1.14 -34.31	49.38 0.49 -41.18	48.16 0.47 -39.58	44.67 0.31 -39.34	39.31 0.37 -33.16	36.26 0.24 -31.85
NARROWS_GT1_8 24235	44.10 1.43 -18.86	43.57 1.33 -18.87	38.97 1.26 -16.29	37.43 1.27 -14.33	35.46 1.36 -10.30	39.38 1.29 -14.70	39.65 1.18 -12.86	38.00 1.22 -12.37	37.06 1.41 -8.42	36.67 1.53 -7.81	35.83 1.62 -5.80	35.39 1.67 -3.40	36.42 1.64 -4.90	37.03 1.53 -7.57	40.28 1.51 -11.81	46.76 0.70 -32.58	49.37 1.10 -29.57	60.61 0.93 -43.63	54.40 1.14 -34.31	49.38 0.49 -41.18	48.16 0.47 -39.58	44.67 0.31 -39.34	39.31 0.37 -33.16	36.26 0.24 -31.85
NARROWS_GT2_1 24236	44.10 1.43 -18.86	43.57 1.33 -18.87	38.97 1.26 -16.29	37.43 1.27 -14.33	35.46 1.36 -10.30	39.38 1.29 -14.70	39.65 1.18 -12.86	38.00 1.22 -12.37	37.06 1.41 -8.42	36.67 1.53 -7.81	35.83 1.62 -5.80	35.39 1.67 -3.40	36.42 1.64 -4.90	37.03 1.53 -7.57	40.28 1.51 -11.81	46.76 0.70 -32.58	49.37 1.10 -29.57	60.61 0.93 -43.63	54.40 1.14 -34.31	49.38 0.49 -41.18	48.16 0.47 -39.58	44.67 0.31 -39.34	39.31 0.37 -33.16	36.26 0.24 -31.85

NARROWS_GT2_2 24237	44.10 1.43 -18.86	43.57 1.33 -18.87	38.97 1.26 -16.29	37.43 1.27 -14.33	35.46 1.36 -10.30	39.38 1.29 -14.70	39.65 1.18 -12.86	38.00 1.22 -12.37	37.06 1.41 -8.42	36.67 1.53 -7.81	35.83 1.62 -5.80	35.39 1.67 -3.40	36.42 1.64 -4.90	37.03 1.53 -7.57	40.28 1.51 -11.81	46.76 0.70 -32.58	49.37 1.10 -29.57	60.61 0.93 -43.63	54.40 1.14 -34.31	49.38 0.49 -41.18	48.16 0.47 -39.58	44.67 0.31 -39.34	39.31 0.37 -33.16	36.26 0.24 -31.85
NARROWS_GT2_3 24238	44.10 1.43 -18.86	43.57 1.33 -18.87	38.97 1.26 -16.29	37.43 1.27 -14.33	35.46 1.36 -10.30	39.38 1.29 -14.70	39.65 1.18 -12.86	38.00 1.22 -12.37	37.06 1.41 -8.42	36.67 1.53 -7.81	35.83 1.62 -5.80	35.39 1.67 -3.40	36.42 1.64 -4.90	37.03 1.53 -7.57	40.28 1.51 -11.81	46.76 0.70 -32.58	49.37 1.10 -29.57	60.61 0.93 -43.63	54.40 1.14 -34.31	49.38 0.49 -41.18	48.16 0.47 -39.58	44.67 0.31 -39.34	39.31 0.37 -33.16	36.26 0.24 -31.85
NARROWS_GT2_4 24239	44.10 1.43 -18.86	43.57 1.33 -18.87	38.97 1.26 -16.29	37.43 1.27 -14.33	35.46 1.36 -10.30	39.38 1.29 -14.70	39.65 1.18 -12.86	38.00 1.22 -12.37	37.06 1.41 -8.42	36.67 1.53 -7.81	35.83 1.62 -5.80	35.39 1.67 -3.40	36.42 1.64 -4.90	37.03 1.53 -7.57	40.28 1.51 -11.81	46.76 0.70 -32.58	49.37 1.10 -29.57	60.61 0.93 -43.63	54.40 1.14 -34.31	49.38 0.49 -41.18	48.16 0.47 -39.58	44.67 0.31 -39.34	39.31 0.37 -33.16	36.26 0.24 -31.85
NARROWS_GT2_5 24240	44.10 1.43 -18.86	43.57 1.33 -18.87	38.97 1.26 -16.29	37.43 1.27 -14.33	35.46 1.36 -10.30	39.38 1.29 -14.70	39.65 1.18 -12.86	38.00 1.22 -12.37	37.06 1.41 -8.42	36.67 1.53 -7.81	35.83 1.62 -5.80	35.39 1.67 -3.40	36.42 1.64 -4.90	37.03 1.53 -7.57	40.28 1.51 -11.81	46.76 0.70 -32.58	49.37 1.10 -29.57	60.61 0.93 -43.63	54.40 1.14 -34.31	49.38 0.49 -41.18	48.16 0.47 -39.58	44.67 0.31 -39.34	39.31 0.37 -33.16	36.26 0.24 -31.85
NARROWS_GT2_6 24241	44.10 1.43 -18.86	43.57 1.33 -18.87	38.97 1.26 -16.29	37.43 1.27 -14.33	35.46 1.36 -10.30	39.38 1.29 -14.70	39.65 1.18 -12.86	38.00 1.22 -12.37	37.06 1.41 -8.42	36.67 1.53 -7.81	35.83 1.62 -5.80	35.39 1.67 -3.40	36.42 1.64 -4.90	37.03 1.53 -7.57	40.28 1.51 -11.81	46.76 0.70 -32.58	49.37 1.10 -29.57	60.61 0.93 -43.63	54.40 1.14 -34.31	49.38 0.49 -41.18	48.16 0.47 -39.58	44.67 0.31 -39.34	39.31 0.37 -33.16	36.26 0.24 -31.85
NARROWS_GT2_7 24242	44.10 1.43 -18.86	43.57 1.33 -18.87	38.97 1.26 -16.29	37.43 1.27 -14.33	35.46 1.36 -10.30	39.38 1.29 -14.70	39.65 1.18 -12.86	38.00 1.22 -12.37	37.06 1.41 -8.42	36.67 1.53 -7.81	35.83 1.62 -5.80	35.39 1.67 -3.40	36.42 1.64 -4.90	37.03 1.53 -7.57	40.28 1.51 -11.81	46.76 0.70 -32.58	49.37 1.10 -29.57	60.61 0.93 -43.63	54.40 1.14 -34.31	49.38 0.49 -41.18	48.16 0.47 -39.58	44.67 0.31 -39.34	39.31 0.37 -33.16	36.26 0.24 -31.85
NARROWS_GT2_8 24243	44.10 1.43 -18.86	43.57 1.33 -18.87	38.97 1.26 -16.29	37.43 1.27 -14.33	35.46 1.36 -10.30	39.38 1.29 -14.70	39.65 1.18 -12.86	38.00 1.22 -12.37	37.06 1.41 -8.42	36.67 1.53 -7.81	35.83 1.62 -5.80	35.39 1.67 -3.40	36.42 1.64 -4.90	37.03 1.53 -7.57	40.28 1.51 -11.81	46.76 0.70 -32.58	49.37 1.10 -29.57	60.61 0.93 -43.63	54.40 1.14 -34.31	49.38 0.49 -41.18	48.16 0.47 -39.58	44.67 0.31 -39.34	39.31 0.37 -33.16	36.26 0.24 -31.85
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	46.71 1.29 -21.61	46.32 1.33 -21.63	41.22 1.14 -18.66	39.41 1.16 -16.42	36.91 1.31 -11.80	41.52 1.29 -16.83	41.81 1.46 -14.74	39.81 1.22 -14.18	38.27 1.39 -9.65	37.54 1.26 -8.95	36.39 1.34 -6.65	35.56 1.33 -3.90	36.81 1.31 -5.62	37.78 1.17 -8.68	41.71 1.21 -13.54	51.48 0.66 -37.34	53.50 0.92 -33.89	66.94 0.88 -50.01	59.26 0.99 -39.33	55.28 0.37 -47.20	53.87 0.39 -45.36	50.32 0.21 -45.10	44.00 0.21 -38.01	40.81 0.15 -36.50
NCHELSEA_115KV_TR2 355582	43.94 1.14 -18.99	43.44 1.07 -19.00	38.80 0.99 -16.40	37.26 1.00 -14.43	35.29 1.12 -10.37	39.29 1.10 -14.79	39.72 1.15 -12.95	37.99 1.12 -12.46	37.01 1.31 -8.48	36.51 1.31 -7.86	35.64 1.39 -5.84	35.20 1.46 -3.43	36.31 1.49 -4.94	36.95 1.40 -7.63	40.20 1.35 -11.90	46.98 0.69 -32.81	49.47 0.99 -29.78	60.83 0.83 -43.94	54.53 1.02 -34.55	49.62 0.44 -41.47	48.42 0.45 -39.86	44.91 0.27 -39.62	39.49 0.31 -33.40	36.43 0.20 -32.07
NEG CAPITAL___MECHNVIL 23645	48.35 1.29 -23.25	47.97 1.33 -23.27	42.68 1.18 -20.08	40.68 1.18 -17.67	37.76 1.26 -12.70	42.75 1.24 -18.12	42.86 1.38 -15.86	40.97 1.29 -15.26	39.11 1.50 -10.39	38.44 1.47 -9.63	37.13 1.56 -7.16	36.10 1.58 -4.20	37.54 1.61 -6.05	38.78 1.51 -9.34	43.01 1.48 -14.57	54.30 0.63 -40.19	56.03 0.86 -36.47	70.67 0.80 -53.82	62.18 0.91 -42.32	58.86 0.35 -50.79	57.30 0.37 -48.82	53.76 0.21 -48.53	46.92 0.23 -40.90	43.64 0.20 -39.28
NEG CENTRAL_HIGH_ACRES 23767	27.65 -0.45 -4.29	27.26 -0.40 -4.29	24.72 -0.41 -3.71	24.65 -0.44 -3.26	25.65 -0.50 -2.34	26.18 -0.56 -3.34	27.95 -0.59 -2.93	26.54 -0.68 -2.82	28.19 -0.95 -1.92	28.18 -0.93 -1.78	28.88 -0.85 -1.32	30.21 -0.88 -0.77	30.19 -0.81 -1.12	28.87 -0.78 -1.72	28.84 -0.81 -2.69	20.54 -0.35 -7.42	24.98 -0.45 -6.73	25.64 -0.34 -9.93	26.33 -0.44 -7.81	16.95 -0.13 -9.37	17.01 -0.11 -9.01	13.90 -0.08 -8.95	13.23 -0.10 -7.55	11.38 -0.04 -7.25
NEG CENTRAL___DRP 24199	28.39 0.14 -4.44	27.94 0.14 -4.44	25.38 0.13 -3.83	25.31 0.11 -3.37	26.35 0.12 -2.42	26.97 0.12 -3.46	28.77 0.13 -3.03	27.42 0.10 -2.91	29.18 -0.03 -1.98	29.12 -0.05 -1.84	29.77 0.00 -1.37	31.15 0.03 -0.80	31.09 0.06 -1.15	29.74 0.03 -1.78	29.74 0.00 -2.78	21.20 0.05 -7.67	25.79 0.13 -6.96	26.49 0.18 -10.27	27.20 0.17 -8.07	17.51 0.11 -9.69	17.55 0.12 -9.31	14.34 0.07 -9.26	13.65 0.06 -7.80	11.72 0.05 -7.49
NEG CENTRAL___INDECK 23768	29.87 0.74 -5.32	29.45 0.77 -5.32	26.68 0.66 -4.59	26.50 0.63 -4.04	27.35 0.64 -2.90	28.10 0.56 -4.14	29.91 0.66 -3.62	28.39 0.49 -3.49	29.79 0.19 -2.37	29.62 0.08 -2.20	30.19 0.14 -1.64	31.43 0.15 -0.96	31.41 0.15 -1.38	30.17 0.11 -2.14	30.32 0.03 -3.33	22.76 0.10 -9.19	27.30 0.26 -8.34	28.70 0.35 -12.30	29.02 0.40 -9.67	19.55 0.23 -11.61	19.55 0.28 -11.16	16.27 0.16 -11.09	15.29 0.16 -9.35	13.30 0.15 -8.98
NEG CENTRAL___SENECA 23627	28.85 0.31 -4.73	28.37 0.28 -4.73	25.76 0.26 -4.08	25.66 0.24 -3.59	26.65 0.26 -2.58	27.31 0.23 -3.68	29.10 0.26 -3.22	27.73 0.22 -3.10	29.39 0.05 -2.11	29.32 0.03 -1.96	29.95 0.09 -1.45	31.33 0.15 -0.85	31.28 0.18 -1.23	29.94 0.11 -1.90	29.97 0.05 -2.96	21.74 0.09 -8.17	26.32 0.21 -7.41	27.23 0.24 -10.94	27.76 0.21 -8.60	18.18 0.15 -10.32	18.20 0.16 -9.92	14.97 0.09 -9.86	14.18 0.08 -8.31	12.23 0.08 -7.98
NEG CENTRAL___STATE_STREET 24147	28.34 0.17 -4.36	27.87 0.14 -4.37	25.32 0.13 -3.77	25.25 0.11 -3.31	26.33 0.14 -2.38	26.93 0.14 -3.40	28.75 0.15 -2.97	27.44 0.17 -2.86	29.28 0.11 -1.95	29.22 0.08 -1.81	29.86 0.11 -1.34	31.29 0.18 -0.79	31.22 0.21 -1.13	29.87 0.20 -1.75	29.88 0.19 -2.73	21.15 0.13 -7.54	25.78 0.24 -6.84	26.42 0.27 -10.10	27.31 0.42 -7.94	17.38 0.14 -9.53	17.42 0.15 -9.16	14.20 0.08 -9.10	13.53 0.08 -7.67	11.59 0.06 -7.37

NEG MILLWOOD___DRP 24198	44.15 1.24 -19.10	43.67 1.19 -19.11	38.98 1.07 -16.49	37.45 1.11 -14.51	35.37 1.14 -10.43	39.42 1.15 -14.88	39.82 1.18 -13.02	38.16 1.22 -12.53	37.20 1.44 -8.53	36.69 1.45 -7.91	35.79 1.51 -5.88	35.32 1.55 -3.45	36.37 1.52 -4.97	37.08 1.48 -7.67	40.33 1.40 -11.97	47.19 0.71 -33.00	49.68 1.03 -29.95	61.11 0.87 -44.20	54.81 1.10 -34.75	49.90 0.48 -41.71	48.70 0.50 -40.09	45.17 0.30 -39.85	39.70 0.33 -33.59	36.63 0.21 -32.26
NEG NORTH_FLCN_SEA 23793	23.92 -0.67 -0.77	23.46 -0.68 -0.77	21.47 -0.62 -0.67	22.09 -0.33 -0.59	23.89 -0.33 -0.42	23.95 -0.05 -0.60	26.43 0.28 -0.53	25.33 0.41 -0.51	28.28 0.71 -0.34	28.31 0.66 -0.32	28.84 0.20 -0.24	30.52 0.06 -0.14	29.99 -0.09 -0.20	28.38 0.14 -0.31	27.74 0.30 -0.48	14.74 -0.07 -1.33	19.42 -0.49 -1.21	17.21 -0.63 -1.79	19.83 -0.53 -1.40	8.85 -0.55 -1.69	9.05 -0.69 -1.62	6.18 -0.45 -1.61	6.66 -0.49 -1.36	5.13 -0.35 -1.30
NEG NORTH_KES_CHATEGAY 23792	23.63 -0.98 -0.80	23.20 -0.96 -0.80	21.21 -0.90 -0.69	21.82 -0.61 -0.60	23.57 -0.67 -0.43	23.64 -0.37 -0.62	26.08 -0.08 -0.54	25.01 0.07 -0.52	27.91 0.33 -0.36	27.94 0.27 -0.33	28.45 -0.20 -0.24	30.10 -0.36 -0.14	29.57 -0.51 -0.21	28.02 -0.22 -0.32	27.40 -0.05 -0.50	14.61 -0.24 -1.37	19.20 -0.75 -1.25	17.05 -0.83 -1.84	19.60 -0.80 -1.45	8.80 -0.65 -1.74	9.00 -0.79 -1.67	6.16 -0.51 -1.66	6.63 -0.56 -1.40	5.12 -0.40 -1.34
NEG NORTH___ALICE_FALLS 23915	23.92 -0.67 -0.78	23.46 -0.68 -0.78	21.45 -0.64 -0.67	22.09 -0.33 -0.59	23.87 -0.36 -0.42	23.93 -0.07 -0.60	26.43 0.28 -0.53	25.33 0.41 -0.51	28.31 0.74 -0.35	28.34 0.68 -0.32	28.87 0.23 -0.24	30.52 0.06 -0.14	29.99 -0.09 -0.20	28.41 0.17 -0.31	27.77 0.32 -0.49	14.78 -0.04 -1.34	19.45 -0.47 -1.22	17.25 -0.59 -1.80	19.89 -0.47 -1.41	8.87 -0.53 -1.69	9.07 -0.67 -1.63	6.19 -0.45 -1.62	6.67 -0.48 -1.36	5.13 -0.35 -1.31
NEG NORTH___LWR_SARANAC 23913	23.92 -0.67 -0.78	23.46 -0.68 -0.78	21.45 -0.64 -0.67	22.09 -0.33 -0.59	23.87 -0.36 -0.42	23.93 -0.07 -0.60	26.43 0.28 -0.53	25.33 0.41 -0.51	28.31 0.74 -0.35	28.34 0.68 -0.32	28.87 0.23 -0.24	30.52 0.06 -0.14	29.99 -0.09 -0.20	28.41 0.17 -0.31	27.77 0.32 -0.49	14.78 -0.04 -1.34	19.45 -0.47 -1.22	17.25 -0.59 -1.80	19.89 -0.47 -1.41	8.87 -0.53 -1.69	9.07 -0.67 -1.63	6.19 -0.45 -1.62	6.67 -0.48 -1.36	5.13 -0.35 -1.31
NEG NORTH___PLATTSBURG 23628	23.92 -0.67 -0.78	23.46 -0.68 -0.78	21.45 -0.64 -0.67	22.09 -0.33 -0.59	23.87 -0.36 -0.42	23.93 -0.07 -0.60	26.43 0.28 -0.53	25.33 0.41 -0.51	28.31 0.74 -0.35	28.31 0.65 -0.32	28.87 0.23 -0.24	30.52 0.06 -0.14	29.99 -0.09 -0.20	28.41 0.17 -0.31	27.77 0.32 -0.49	14.78 -0.04 -1.34	19.45 -0.47 -1.22	17.25 -0.59 -1.80	19.89 -0.47 -1.41	8.87 -0.53 -1.69	9.07 -0.67 -1.63	6.19 -0.45 -1.62	6.67 -0.48 -1.36	5.13 -0.35 -1.31
NEG WEST_LEA_LOCKPORT 23791	28.05 -0.62 -4.85	27.78 -0.44 -4.86	25.14 -0.47 -4.19	25.08 -0.44 -3.69	25.96 -0.50 -2.65	26.52 -0.66 -3.78	28.13 -0.79 -3.31	26.40 -1.20 -3.19	27.82 -1.58 -2.17	27.73 -1.61 -2.01	28.45 -1.45 -1.49	29.71 -1.49 -0.88	29.70 -1.43 -1.26	28.45 -1.42 -1.95	28.44 -1.56 -3.04	21.18 -0.69 -8.39	25.39 -0.92 -7.61	26.48 -0.80 -11.23	26.80 -0.99 -8.83	18.03 -0.29 -10.60	18.04 -0.27 -10.19	15.00 -0.14 -10.12	14.18 -0.14 -8.53	12.34 -0.03 -8.20
NEG WEST___LANCASTER 23811	28.02 -1.05 -5.26	27.71 -0.91 -5.26	25.08 -0.88 -4.54	24.97 -0.85 -3.99	25.75 -0.93 -2.87	26.41 -1.08 -4.10	27.97 -1.23 -3.58	26.42 -1.44 -3.45	27.70 -1.88 -2.35	27.54 -1.97 -2.18	28.26 -1.76 -1.62	29.42 -1.85 -0.95	29.42 -1.82 -1.37	28.22 -1.82 -2.11	28.31 -1.94 -3.29	21.69 -0.88 -9.08	25.76 -1.18 -8.24	27.19 -1.03 -12.17	27.27 -1.25 -9.57	18.78 -0.41 -11.48	18.76 -0.39 -11.03	15.76 -0.23 -10.97	14.79 -0.24 -9.24	12.92 -0.13 -8.88
NEG_PENN_ALLEGHNY 23528	32.13 0.19 -8.13	31.68 0.19 -8.13	28.61 0.17 -7.02	28.18 0.17 -6.18	28.46 0.21 -4.44	29.89 0.16 -6.33	31.31 0.15 -5.54	29.87 0.12 -5.33	30.91 0.05 -3.63	30.70 0.00 -3.37	30.99 0.09 -2.50	31.91 0.12 -1.47	32.11 0.12 -2.11	31.28 0.08 -3.26	32.08 0.03 -5.09	27.58 0.05 -14.04	31.57 0.13 -12.74	34.97 0.11 -18.81	33.85 0.11 -14.79	25.54 0.08 -17.75	25.28 0.10 -17.06	22.04 0.06 -16.96	20.15 0.07 -14.29	17.95 0.06 -13.73
NEG___GEN_MONROE 24207	28.26 0.05 -4.40	27.93 0.16 -4.40	25.33 0.11 -3.80	25.26 0.09 -3.34	26.25 0.05 -2.40	26.75 -0.07 -3.43	28.54 -0.08 -3.00	26.96 -0.34 -2.89	28.59 -0.60 -1.96	28.55 -0.60 -1.82	29.28 -0.48 -1.35	30.60 -0.52 -0.79	30.57 -0.45 -1.14	29.16 -0.53 -1.77	29.07 -0.65 -2.76	20.82 -0.26 -7.60	25.35 -0.24 -6.90	26.03 -0.19 -10.18	26.69 -0.27 -8.00	17.27 -0.05 -9.61	17.34 -0.01 -9.23	14.19 -0.01 -9.18	13.52 0.00 -7.74	11.65 0.05 -7.43
NEPA___ENERGY 23901	28.86 -0.29 -5.33	28.56 -0.14 -5.33	25.83 -0.19 -4.60	25.73 -0.15 -4.05	26.55 -0.17 -2.91	27.22 -0.33 -4.15	28.84 -0.41 -3.63	27.25 -0.66 -3.50	28.57 -1.03 -2.38	28.42 -1.12 -2.21	29.17 -0.88 -1.64	30.37 -0.91 -0.96	30.37 -0.90 -1.39	29.12 -0.95 -2.14	29.17 -1.13 -3.34	22.20 -0.49 -9.21	26.44 -0.62 -8.36	27.82 -0.56 -12.33	27.97 -0.68 -9.70	19.18 -0.18 -11.64	19.16 -0.15 -11.19	16.07 -0.07 -11.12	15.10 -0.06 -9.37	13.18 0.01 -9.00
NEVERSINK___HYD 23608	41.73 0.62 -17.30	41.24 0.56 -17.31	36.85 0.49 -14.94	35.48 0.50 -13.14	33.85 0.60 -9.44	37.48 0.61 -13.48	38.00 0.59 -11.80	36.40 0.63 -11.35	35.69 0.74 -7.73	35.18 0.68 -7.16	34.44 0.71 -5.32	34.14 0.70 -3.12	35.15 0.78 -4.50	35.66 0.78 -6.95	38.55 0.75 -10.84	43.79 0.42 -29.89	46.46 0.64 -27.13	56.63 0.55 -40.03	51.09 0.66 -31.48	45.78 0.29 -37.78	44.73 0.30 -36.31	41.28 0.17 -36.10	36.40 0.19 -30.42	33.49 0.11 -29.22
NEWKRMKL_115KV_TB1 55635	47.10 0.43 -22.85	46.68 0.44 -22.87	41.54 0.39 -19.73	39.59 0.39 -17.37	36.71 0.43 -12.48	41.62 0.42 -17.80	41.71 0.51 -15.58	39.82 0.41 -15.00	37.98 0.54 -10.21	37.34 0.55 -9.46	36.07 0.62 -7.03	35.14 0.70 -4.13	36.48 0.66 -5.94	37.67 0.56 -9.18	41.79 0.51 -14.32	53.20 0.23 -39.49	54.85 0.32 -35.84	69.21 0.27 -52.89	60.84 0.30 -41.59	57.75 0.12 -49.91	56.21 0.12 -47.97	52.78 0.08 -47.69	46.06 0.08 -40.20	42.82 0.05 -38.60
NEWTON___FALLS_HYD 23847	24.53 -0.69 -1.40	24.07 -0.70 -1.41	21.99 -0.64 -1.21	22.37 -0.52 -1.07	24.00 -0.57 -0.77	24.09 -0.40 -1.09	26.27 -0.31 -0.96	25.21 -0.12 -0.92	27.83 -0.03 -0.63	27.81 -0.11 -0.58	28.24 -0.60 -0.43	29.82 -0.76 -0.25	29.34 -0.90 -0.37	27.91 -0.59 -0.56	27.35 -0.49 -0.88	15.56 -0.35 -2.43	20.23 -0.67 -2.20	18.67 -0.63 -3.25	20.90 -0.61 -2.56	10.35 -0.43 -3.07	10.57 -0.50 -2.95	7.64 -0.31 -2.93	7.93 -0.32 -2.47	6.32 -0.23 -2.37
NGRID_A1_DSASP 323792	27.73 -0.98 -4.90	27.50 -0.77 -4.90	24.88 -0.77 -4.23	24.81 -0.74 -3.72	25.65 -0.83 -2.67	26.23 -0.98 -3.82	27.78 -1.18 -3.34	25.99 -1.64 -3.21	27.37 -2.04 -2.19	27.28 -2.08 -2.03	27.98 -1.93 -1.51	29.20 -2.00 -0.88	29.18 -1.97 -1.27	27.97 -1.93 -1.97	27.98 -2.05 -3.07	21.03 -0.92 -8.46	25.11 -1.27 -7.68	26.28 -1.11 -11.34	26.52 -1.35 -8.91	17.98 -0.43 -10.70	17.98 -0.42 -10.28	14.97 -0.23 -10.18	14.13 -0.23 -8.58	12.37 -0.07 -8.27

NGRID_A2_DSASP 323793	27.73 -0.98 -4.90	27.50 -0.77 -4.90	24.88 -0.77 -4.23	24.81 -0.74 -3.72	25.65 -0.83 -2.67	26.23 -0.98 -3.82	27.78 -1.18 -3.34	25.99 -1.64 -3.21	27.37 -2.04 -2.19	27.28 -2.08 -2.03	27.98 -1.93 -1.51	29.20 -2.00 -0.88	29.18 -1.97 -1.27	27.97 -1.93 -1.97	27.98 -2.05 -3.07	21.03 -0.92 -8.46	25.11 -1.27 -7.68	26.28 -1.11 -11.34	26.52 -1.35 -8.91	17.98 -0.43 -10.70	17.98 -0.42 -10.28	14.97 -0.23 -10.18	14.13 -0.23 -8.58	12.37 -0.07 -8.27
NGRID_A4_DSASP 323807	27.73 -0.98 -4.90	27.50 -0.77 -4.90	24.88 -0.77 -4.23	24.81 -0.74 -3.72	25.65 -0.83 -2.67	26.23 -0.98 -3.82	27.78 -1.18 -3.34	25.99 -1.64 -3.21	27.37 -2.04 -2.19	27.28 -2.08 -2.03	27.98 -1.93 -1.51	29.20 -2.00 -0.88	29.18 -1.97 -1.27	27.97 -1.93 -1.97	27.98 -2.05 -3.07	21.03 -0.92 -8.46	25.11 -1.27 -7.68	26.28 -1.11 -11.34	26.52 -1.35 -8.91	17.98 -0.43 -10.70	17.98 -0.42 -10.28	14.97 -0.23 -10.18	14.13 -0.23 -8.58	12.37 -0.07 -8.27
NIAGARA_115E_LBMP 323715	27.72 -1.00 -4.90	27.48 -0.79 -4.91	24.86 -0.79 -4.23	24.79 -0.76 -3.73	25.60 -0.88 -2.68	26.21 -1.01 -3.82	27.76 -1.20 -3.34	26.02 -1.61 -3.22	27.40 -2.01 -2.19	27.31 -2.05 -2.03	28.01 -1.90 -1.51	29.24 -1.97 -0.89	29.21 -1.94 -1.28	28.00 -1.90 -1.97	28.01 -2.02 -3.07	21.03 -0.92 -8.47	25.13 -1.25 -7.69	26.30 -1.09 -11.35	26.55 -1.33 -8.92	18.00 -0.42 -10.71	18.00 -0.41 -10.29	15.02 -0.23 -10.23	14.17 -0.23 -8.62	12.36 -0.09 -8.28
NIAGARA_115W_LBMP 323714	27.66 -1.05 -4.89	27.42 -0.84 -4.90	24.81 -0.84 -4.23	24.74 -0.81 -3.72	25.57 -0.90 -2.67	26.18 -1.03 -3.81	27.70 -1.25 -3.34	25.91 -1.71 -3.21	27.29 -2.12 -2.19	27.20 -2.16 -2.03	27.90 -2.02 -1.51	29.14 -2.06 -0.88	29.12 -2.03 -1.27	27.91 -1.98 -1.97	27.90 -2.13 -3.07	20.98 -0.96 -8.46	25.05 -1.33 -7.68	26.22 -1.16 -11.33	26.46 -1.40 -8.91	17.95 -0.45 -10.69	17.95 -0.45 -10.27	14.94 -0.24 -10.17	14.12 -0.24 -8.57	12.35 -0.08 -8.27
NIAGARA_230_LBMP 323716	27.94 -0.74 -4.86	27.67 -0.56 -4.87	25.02 -0.60 -4.20	24.96 -0.57 -3.69	25.82 -0.64 -2.65	26.41 -0.77 -3.79	28.04 -0.90 -3.32	26.26 -1.34 -3.19	27.63 -1.77 -2.17	27.57 -1.78 -2.01	28.25 -1.65 -1.50	29.53 -1.67 -0.88	29.50 -1.64 -1.26	28.26 -1.62 -1.95	28.28 -1.73 -3.05	21.13 -0.75 -8.40	25.29 -1.03 -7.62	26.39 -0.91 -11.25	26.68 -1.12 -8.85	18.00 -0.33 -10.62	18.00 -0.33 -10.21	15.00 -0.17 -10.15	14.18 -0.16 -8.55	12.33 -0.05 -8.21
NIAGARA__115KV_198_GIBSON 55903	27.66 -1.05 -4.89	27.42 -0.84 -4.90	24.81 -0.84 -4.23	24.78 -0.76 -3.72	25.60 -0.88 -2.67	26.18 -1.03 -3.81	27.70 -1.26 -3.34	25.91 -1.71 -3.21	27.29 -2.12 -2.19	27.20 -2.16 -2.03	27.90 -2.02 -1.51	29.14 -2.06 -0.88	29.12 -2.03 -1.27	27.91 -1.98 -1.97	27.90 -2.13 -3.07	20.98 -0.96 -8.46	25.06 -1.31 -7.68	26.22 -1.16 -11.33	26.47 -1.38 -8.91	17.95 -0.46 -10.69	17.95 -0.45 -10.27	14.94 -0.24 -10.17	14.12 -0.24 -8.57	12.35 -0.08 -8.27
NIAGARA____ 23760	27.97 -0.74 -4.90	27.71 -0.56 -4.90	25.05 -0.60 -4.23	24.98 -0.57 -3.72	25.84 -0.64 -2.67	26.44 -0.77 -3.82	28.06 -0.90 -3.34	26.28 -1.34 -3.21	27.64 -1.77 -2.18	27.58 -1.78 -2.02	28.26 -1.65 -1.50	29.53 -1.67 -0.88	29.50 -1.64 -1.27	28.27 -1.62 -1.96	28.29 -1.73 -3.06	21.17 -0.75 -8.45	25.33 -1.03 -7.66	26.44 -0.91 -11.31	26.72 -1.12 -8.89	18.06 -0.33 -10.68	18.05 -0.33 -10.26	15.04 -0.17 -10.19	14.22 -0.16 -8.59	12.40 -0.05 -8.27
NINE_MILE_1 23575	26.14 -0.59 -2.92	25.70 -0.58 -2.92	23.40 -0.53 -2.52	23.48 -0.57 -2.22	24.78 -0.62 -1.59	25.06 -0.61 -2.27	26.94 -0.67 -1.99	25.67 -0.66 -1.91	27.77 -0.76 -1.30	27.78 -0.77 -1.21	28.51 -0.80 -0.90	30.03 -0.82 -0.53	29.83 -0.81 -0.76	28.35 -0.75 -1.17	28.06 -0.73 -1.83	18.19 -0.32 -5.04	22.84 -0.43 -4.57	22.44 -0.35 -6.75	23.82 -0.44 -5.31	13.92 -0.16 -6.37	14.08 -0.16 -6.12	11.00 -0.10 -6.09	10.79 -0.12 -5.13	9.01 -0.08 -4.93
NINE_MILE_2 23744	26.13 -0.59 -2.91	25.69 -0.58 -2.91	23.40 -0.53 -2.51	23.49 -0.54 -2.21	24.80 -0.59 -1.59	25.05 -0.61 -2.26	26.93 -0.67 -1.98	25.66 -0.66 -1.91	27.76 -0.76 -1.30	27.77 -0.77 -1.20	28.51 -0.80 -0.89	30.03 -0.82 -0.52	29.85 -0.78 -0.76	28.34 -0.75 -1.17	28.05 -0.73 -1.82	18.18 -0.32 -5.02	22.83 -0.43 -4.56	22.42 -0.35 -6.73	23.81 -0.44 -5.29	13.90 -0.16 -6.35	14.06 -0.16 -6.10	10.98 -0.10 -6.07	10.78 -0.12 -5.11	8.99 -0.08 -4.91
NM_CAPITAL____DRP 24208	47.11 0.50 -22.79	46.69 0.51 -22.81	41.55 0.45 -19.68	39.63 0.48 -17.32	36.77 0.52 -12.44	41.64 0.49 -17.76	41.75 0.59 -15.54	39.86 0.49 -14.96	38.01 0.60 -10.18	37.40 0.63 -9.44	36.10 0.68 -7.02	35.19 0.76 -4.12	36.52 0.72 -5.93	37.70 0.61 -9.15	41.83 0.59 -14.28	53.12 0.26 -39.39	54.80 0.36 -35.74	69.12 0.32 -52.75	60.79 0.36 -41.48	57.63 0.14 -49.78	56.11 0.15 -47.84	52.67 0.09 -47.56	45.97 0.10 -40.09	42.73 0.06 -38.50
NM_CENTRAL____DRP 24181	27.24 -0.14 -3.57	26.80 -0.14 -3.57	24.38 -0.13 -3.08	24.39 -0.15 -2.71	25.59 -0.17 -1.95	26.01 -0.16 -2.78	27.87 -0.18 -2.44	26.56 -0.20 -2.34	28.55 -0.27 -1.60	28.54 -0.27 -1.48	29.25 -0.26 -1.10	30.72 -0.24 -0.64	30.60 -0.21 -0.93	29.17 -0.20 -1.43	29.01 -0.19 -2.24	19.59 -0.05 -6.17	24.26 -0.04 -5.60	24.30 -0.02 -8.26	25.41 -0.04 -6.50	15.52 0.01 -7.80	15.63 0.02 -7.50	12.47 0.01 -7.45	12.06 -0.01 -6.28	10.20 0.00 -6.03
NM_FRONTIER____DRP 24179	27.66 -1.05 -4.89	27.42 -0.84 -4.90	24.81 -0.84 -4.23	24.78 -0.76 -3.72	25.60 -0.88 -2.67	26.18 -1.03 -3.81	27.70 -1.26 -3.34	25.91 -1.71 -3.21	27.29 -2.12 -2.19	27.20 -2.16 -2.03	27.90 -2.02 -1.51	29.14 -2.06 -0.88	29.12 -2.03 -1.27	27.91 -1.98 -1.97	27.90 -2.13 -3.07	20.98 -0.96 -8.46	25.06 -1.31 -7.68	26.22 -1.16 -11.33	26.47 -1.38 -8.91	17.95 -0.46 -10.69	17.95 -0.45 -10.27	14.94 -0.24 -10.17	14.12 -0.24 -8.57	12.35 -0.08 -8.27
NM_ST_REGIS____HYD 24053	23.99 -0.83 -1.01	23.53 -0.84 -1.01	21.50 -0.79 -0.87	22.05 -0.55 -0.76	23.76 -0.60 -0.55	23.83 -0.35 -0.78	26.18 -0.13 -0.69	25.12 0.05 -0.66	27.92 0.25 -0.45	27.94 0.19 -0.42	28.29 -0.43 -0.31	29.87 -0.64 -0.18	29.36 -0.78 -0.26	27.88 -0.45 -0.40	27.32 -0.27 -0.63	14.87 -0.35 -1.74	19.42 -0.86 -1.58	17.48 -0.90 -2.33	19.91 -0.87 -1.83	9.28 -0.63 -2.20	9.49 -0.74 -2.11	6.67 -0.45 -2.10	7.08 -0.47 -1.77	5.54 -0.33 -1.70
NORTHPORT____1 23551	44.87 2.19 -18.86	44.32 2.08 -18.88	39.62 1.91 -16.29	38.11 1.94 -14.34	36.23 2.12 -10.30	40.17 2.08 -14.70	40.71 2.23 -12.87	39.04 2.24 -12.38	38.22 2.56 -8.43	37.73 2.57 -7.82	41.04 2.53 -10.11	41.91 2.67 -8.92	47.48 2.54 -15.07	47.80 2.40 -17.48	50.92 2.29 -21.67	55.18 1.17 -40.53	72.22 1.70 -51.82	82.35 1.46 -64.84	75.13 1.78 -54.40	66.83 0.72 -58.40	55.61 0.72 -46.77	50.48 0.45 -45.01	39.53 0.57 -33.18	36.40 0.38 -31.86
NORTHPORT____2 23552	44.87 2.19 -18.86	44.32 2.08 -18.88	39.62 1.91 -16.29	38.11 1.94 -14.34	36.23 2.12 -10.30	40.17 2.08 -14.70	40.71 2.23 -12.87	39.04 2.24 -12.38	38.22 2.56 -8.43	37.73 2.57 -7.82	41.04 2.53 -10.11	41.91 2.67 -8.92	47.48 2.54 -15.07	47.80 2.40 -17.48	50.92 2.29 -21.67	55.18 1.17 -40.53	72.22 1.70 -51.82	82.35 1.46 -64.84	75.13 1.78 -54.40	66.83 0.72 -58.40	55.61 0.72 -46.77	50.48 0.45 -45.01	39.53 0.57 -33.18	36.40 0.38 -31.86

NORTHPORT___3 23553	44.37 1.69 -18.86	43.83 1.59 -18.88	39.17 1.46 -16.29	37.65 1.49 -14.34	35.70 1.60 -10.30	39.68 1.59 -14.70	40.17 1.69 -12.87	38.50 1.71 -12.38	37.64 1.99 -8.43	37.13 1.97 -7.82	40.48 1.96 -10.11	41.31 2.06 -8.92	46.97 2.03 -15.07	47.30 1.90 -17.48	50.46 1.83 -21.67	54.91 0.90 -40.53	71.87 1.35 -51.82	81.90 1.01 -64.84	74.79 1.44 -54.40	66.69 0.58 -58.40	55.47 0.58 -46.77	50.39 0.36 -45.01	39.42 0.45 -33.18	36.32 0.30 -31.86
NORTHPORT___4 23650	44.37 1.69 -18.86	43.83 1.59 -18.88	39.17 1.46 -16.29	37.65 1.49 -14.34	35.70 1.60 -10.30	39.68 1.59 -14.70	40.17 1.69 -12.87	38.50 1.71 -12.38	37.64 1.99 -8.43	37.13 1.97 -7.82	40.48 1.96 -10.11	41.31 2.06 -8.92	46.97 2.03 -15.07	47.30 1.90 -17.48	50.46 1.83 -21.67	54.91 0.90 -40.53	71.87 1.35 -51.82	81.90 1.01 -64.84	74.79 1.44 -54.40	66.69 0.58 -58.40	55.47 0.58 -46.77	50.39 0.36 -45.01	39.42 0.45 -33.18	36.32 0.30 -31.86
NORTHPORT___IC 23718	44.87 2.19 -18.86	44.32 2.08 -18.88	39.62 1.91 -16.29	38.11 1.94 -14.34	36.23 2.12 -10.30	40.17 2.08 -14.70	40.71 2.23 -12.87	39.04 2.24 -12.38	38.22 2.56 -8.43	37.73 2.57 -7.82	41.04 2.53 -10.11	41.91 2.67 -8.92	47.48 2.54 -15.07	47.80 2.40 -17.48	50.92 2.29 -21.67	55.18 1.17 -40.53	72.22 1.70 -51.82	82.35 1.46 -64.84	75.13 1.78 -54.40	66.83 0.72 -58.40	55.61 0.72 -46.77	50.48 0.45 -45.01	39.53 0.57 -33.18	36.40 0.38 -31.86
NORTH___COUNTRY_ESR 323785	23.54 -1.07 -0.80	23.11 -1.05 -0.80	21.14 -0.96 -0.69	21.73 -0.70 -0.60	23.50 -0.74 -0.43	23.57 -0.45 -0.62	25.98 -0.18 -0.54	24.91 -0.02 -0.52	27.80 0.22 -0.36	27.83 0.16 -0.33	28.37 -0.28 -0.24	29.98 -0.49 -0.14	29.45 -0.63 -0.21	27.91 -0.33 -0.32	27.30 -0.16 -0.50	14.56 -0.30 -1.37	19.12 -0.82 -1.25	16.99 -0.90 -1.84	19.53 -0.87 -1.45	8.77 -0.68 -1.74	8.97 -0.82 -1.67	6.15 -0.53 -1.66	6.61 -0.58 -1.40	5.10 -0.41 -1.34
NPX_GEN_1385_PROXY 323591	45.51 2.83 -18.86	44.95 2.71 -18.88	40.22 2.51 -16.29	38.70 2.53 -14.34	36.89 2.78 -10.30	40.85 2.76 -14.70	41.45 2.97 -12.87	40.55 2.95 -13.19	38.92 3.27 -8.43	38.44 3.28 -7.82	41.67 3.15 -10.11	42.52 3.28 -8.92	47.60 2.66 -15.07	48.00 2.60 -17.48	51.06 2.43 -21.67	55.40 1.39 -40.53	72.43 1.91 -51.82	82.67 1.78 -64.84	74.94 1.59 -54.40	66.91 0.80 -58.40	55.65 0.76 -46.77	50.50 0.48 -45.01	39.65 0.68 -33.18	36.50 0.48 -31.86
NPX_GEN_CSC 323557	45.18 2.50 -18.86	44.58 2.34 -18.88	39.87 2.16 -16.29	38.35 2.18 -14.34	36.47 2.36 -10.30	40.43 2.34 -14.70	41.02 2.54 -12.87	39.33 2.54 -12.38	38.57 2.91 -8.43	38.11 2.95 -7.82	41.44 2.93 -10.11	42.37 3.12 -8.92	48.02 3.08 -15.07	48.28 2.88 -17.48	51.43 2.80 -21.67	55.43 1.41 -40.53	72.60 2.08 -51.82	82.69 1.80 -64.84	75.68 2.33 -54.40	66.99 0.89 -58.40	55.78 0.89 -46.77	50.57 0.54 -45.01	39.63 0.67 -33.18	36.45 0.43 -31.86
NSINS_S_GLNS_FALLS 23858	48.89 1.67 -23.41	48.52 1.73 -23.43	43.16 1.52 -20.22	41.15 1.53 -17.79	38.16 1.57 -12.78	43.18 1.54 -18.24	43.35 1.77 -15.97	41.46 1.68 -15.36	39.64 1.96 -10.46	38.89 1.86 -9.70	37.52 1.90 -7.21	36.46 1.91 -4.23	37.97 2.00 -6.09	39.17 1.84 -9.40	43.38 1.75 -14.67	54.44 0.50 -40.46	56.09 0.67 -36.72	70.91 0.67 -54.19	62.30 0.74 -42.61	59.12 0.27 -51.14	57.53 0.27 -49.15	54.02 0.15 -48.86	47.13 0.16 -41.18	43.96 0.25 -39.54
NUCOR_STEEL___DRP 24197	28.29 0.21 -4.26	27.81 0.19 -4.26	25.29 0.19 -3.68	25.24 0.17 -3.24	26.32 0.19 -2.33	26.90 0.19 -3.32	28.73 0.20 -2.91	27.40 0.20 -2.80	29.24 0.11 -1.90	29.21 0.11 -1.76	29.83 0.11 -1.31	31.27 0.18 -0.77	31.19 0.21 -1.11	29.83 0.20 -1.71	29.82 0.19 -2.67	20.96 0.12 -7.36	25.60 0.22 -6.68	26.15 0.24 -9.86	26.97 0.27 -7.75	17.15 0.13 -9.30	17.20 0.14 -8.94	13.99 0.08 -8.89	13.36 0.08 -7.49	11.43 0.07 -7.20
NUMBER_THREE_WT_PWR 323818	25.31 -0.14 -1.63	24.88 -0.12 -1.64	22.73 -0.11 -1.41	23.00 -0.07 -1.24	24.63 -0.07 -0.89	24.67 0.00 -1.27	26.78 0.05 -1.11	25.70 0.22 -1.07	28.20 0.24 -0.73	28.18 0.16 -0.68	28.82 -0.08 -0.50	30.43 -0.18 -0.30	30.00 -0.30 -0.42	28.44 -0.14 -0.66	27.93 -0.05 -1.02	16.25 -0.05 -2.82	21.17 -0.09 -2.56	19.78 -0.05 -3.78	21.89 -0.04 -2.97	11.18 -0.10 -3.57	11.42 -0.13 -3.43	8.34 -0.09 -3.41	8.57 -0.09 -2.87	6.87 -0.06 -2.76
NYISO_LBMP_REFERENCE 24008	23.81 0.00 0.00	23.36 0.00 0.00	21.42 0.00 0.00	21.83 0.00 0.00	23.81 0.00 0.00	23.40 0.00 0.00	25.62 0.00 0.00	24.41 0.00 0.00	27.23 0.00 0.00	27.33 0.00 0.00	28.41 0.00 0.00	30.32 0.00 0.00	29.88 0.00 0.00	27.93 0.00 0.00	26.96 0.00 0.00	13.48 0.00 0.00	18.70 0.00 0.00	16.05 0.00 0.00	18.95 0.00 0.00	7.71 0.00 0.00	8.12 0.00 0.00	5.02 0.00 0.00	5.79 0.00 0.00	4.17 0.00 0.00
NYPA_BRENTWD___GT 24164	45.06 2.38 -18.86	44.49 2.24 -18.88	39.79 2.08 -16.29	38.26 2.10 -14.34	36.37 2.26 -10.30	40.34 2.25 -14.70	40.89 2.41 -12.87	39.21 2.42 -12.38	38.41 2.75 -8.43	37.95 2.79 -7.82	41.27 2.75 -10.11	42.16 2.91 -8.92	47.78 2.84 -15.07	48.08 2.68 -17.48	51.22 2.59 -21.67	55.32 1.31 -40.53	72.45 1.93 -51.82	82.54 1.65 -64.84	75.40 2.05 -54.40	66.92 0.82 -58.40	55.70 0.82 -46.77	50.53 0.51 -45.01	39.59 0.62 -33.18	36.44 0.41 -31.86
NYPA_GOWANUS___GT5 24156	44.10 1.43 -18.86	43.57 1.33 -18.87	38.97 1.26 -16.29	37.43 1.27 -14.33	35.46 1.36 -10.30	39.38 1.29 -14.70	39.65 1.18 -12.86	38.00 1.22 -12.37	37.06 1.41 -8.42	36.67 1.53 -7.81	35.83 1.62 -5.80	35.39 1.67 -3.40	36.42 1.64 -4.90	37.03 1.53 -7.57	40.28 1.51 -11.81	46.76 0.70 -32.58	49.37 1.10 -29.57	60.61 0.93 -43.63	54.40 1.14 -34.31	49.38 0.49 -41.18	48.16 0.47 -39.58	44.67 0.31 -39.34	39.31 0.37 -33.16	36.26 0.24 -31.85
NYPA_GOWANUS___GT6 24157	44.10 1.43 -18.86	43.57 1.33 -18.87	38.97 1.26 -16.29	37.43 1.27 -14.33	35.46 1.36 -10.30	39.38 1.29 -14.70	39.65 1.18 -12.86	38.00 1.22 -12.37	37.06 1.41 -8.42	36.67 1.53 -7.81	35.83 1.62 -5.80	35.39 1.67 -3.40	36.42 1.64 -4.90	37.03 1.53 -7.57	40.28 1.51 -11.81	46.76 0.70 -32.58	49.37 1.10 -29.57	60.61 0.93 -43.63	54.40 1.14 -34.31	49.38 0.49 -41.18	48.16 0.47 -39.58	44.67 0.31 -39.34	39.31 0.37 -33.16	36.26 0.24 -31.85
NYPA_HARLEM__RVR_GT1 24160	43.92 1.26 -18.84	43.39 1.17 -18.86	38.78 1.09 -16.27	37.24 1.09 -14.32	35.26 1.17 -10.28	39.08 1.01 -14.68	39.28 0.82 -12.85	37.68 0.90 -12.36	36.78 1.14 -8.41	36.36 1.23 -7.80	35.48 1.28 -5.79	35.02 1.30 -3.40	36.05 1.28 -4.90	36.69 1.20 -7.56	39.92 1.16 -11.81	46.56 0.51 -32.57	49.06 0.80 -29.56	60.35 0.67 -43.62	54.11 0.85 -34.30	49.24 0.36 -41.17	48.03 0.35 -39.57	44.58 0.23 -39.34	39.22 0.28 -33.15	36.19 0.19 -31.83
NYPA_HARLEM__RVR_GT2 24161	43.92 1.26 -18.84	43.39 1.17 -18.86	38.78 1.09 -16.27	37.24 1.09 -14.32	35.26 1.17 -10.28	39.08 1.01 -14.68	39.28 0.82 -12.85	37.68 0.90 -12.36	36.78 1.14 -8.41	36.36 1.23 -7.80	35.48 1.28 -5.79	35.02 1.30 -3.40	36.05 1.28 -4.90	36.69 1.20 -7.56	39.92 1.16 -11.81	46.56 0.51 -32.57	49.06 0.80 -29.56	60.35 0.67 -43.62	54.11 0.85 -34.30	49.24 0.36 -41.17	48.03 0.35 -39.57	44.58 0.23 -39.34	39.22 0.28 -33.15	36.19 0.19 -31.83

NYPA_KENT____GT 24152	44.03 1.36 -18.86	43.50 1.26 -18.87	38.88 1.18 -16.28	37.34 1.18 -14.33	35.39 1.28 -10.30	39.30 1.22 -14.69	39.60 1.13 -12.86	37.98 1.20 -12.37	37.04 1.39 -8.42	36.64 1.50 -7.81	35.77 1.56 -5.80	35.36 1.64 -3.40	36.36 1.58 -4.90	37.01 1.51 -7.57	40.25 1.48 -11.81	46.73 0.67 -32.58	49.31 1.05 -29.57	60.56 0.88 -43.63	54.34 1.08 -34.31	49.35 0.46 -41.18	48.15 0.45 -39.58	44.66 0.30 -39.34	39.30 0.35 -33.16	36.24 0.23 -31.85
NYPA_POUCH1____GT 24155	44.18 1.50 -18.86	43.64 1.40 -18.87	39.04 1.33 -16.29	37.49 1.33 -14.33	35.53 1.43 -10.30	39.47 1.38 -14.70	39.70 1.23 -12.86	38.03 1.24 -12.37	37.06 1.41 -8.42	36.70 1.56 -7.81	35.83 1.62 -5.80	35.39 1.67 -3.40	36.42 1.64 -4.90	37.03 1.53 -7.57	40.31 1.54 -11.81	46.76 0.70 -32.58	49.39 1.12 -29.57	60.63 0.95 -43.63	54.42 1.16 -34.31	49.38 0.49 -41.18	48.17 0.48 -39.58	44.68 0.32 -39.34	39.33 0.39 -33.16	36.28 0.26 -31.85
NYPA_VERNON____GT2 24162	43.93 1.26 -18.85	43.40 1.17 -18.87	38.82 1.11 -16.28	37.27 1.11 -14.33	35.29 1.19 -10.29	39.23 1.15 -14.69	39.55 1.08 -12.86	37.93 1.15 -12.37	37.01 1.36 -8.42	36.62 1.48 -7.81	35.74 1.53 -5.80	35.30 1.58 -3.40	36.33 1.55 -4.90	36.95 1.45 -7.57	40.20 1.43 -11.81	46.70 0.65 -32.58	49.25 0.99 -29.57	60.51 0.83 -43.63	54.28 1.02 -34.31	49.33 0.44 -41.18	48.12 0.43 -39.58	44.64 0.28 -39.34	39.28 0.34 -33.16	36.22 0.21 -31.84
NYPA_VERNON____GT3 24163	43.93 1.26 -18.85	43.40 1.17 -18.87	38.82 1.11 -16.28	37.27 1.11 -14.33	35.29 1.19 -10.29	39.23 1.15 -14.69	39.55 1.08 -12.86	37.93 1.15 -12.37	37.01 1.36 -8.42	36.62 1.48 -7.81	35.74 1.53 -5.80	35.30 1.58 -3.40	36.33 1.55 -4.90	36.95 1.45 -7.57	40.20 1.43 -11.81	46.70 0.65 -32.58	49.25 0.99 -29.57	60.51 0.83 -43.63	54.28 1.02 -34.31	49.33 0.44 -41.18	48.12 0.43 -39.58	44.64 0.28 -39.34	39.28 0.34 -33.16	36.22 0.21 -31.84
NYPA__ASTORIA_CC1 323568	43.93 1.26 -18.85	43.40 1.17 -18.87	38.79 1.09 -16.28	37.25 1.09 -14.33	35.29 1.19 -10.29	39.18 1.10 -14.69	39.50 1.03 -12.86	37.88 1.10 -12.37	36.95 1.31 -8.42	36.56 1.42 -7.81	35.69 1.48 -5.80	35.27 1.55 -3.40	36.27 1.49 -4.90	36.90 1.40 -7.57	40.15 1.37 -11.81	46.68 0.62 -32.58	49.24 0.97 -29.57	60.48 0.80 -43.63	54.25 0.98 -34.31	49.31 0.42 -41.18	48.12 0.42 -39.58	44.63 0.27 -39.34	39.27 0.32 -33.16	36.22 0.21 -31.84
NYPA__ASTORIA_CC2 323569	43.93 1.26 -18.85	43.40 1.17 -18.87	38.79 1.09 -16.28	37.25 1.09 -14.33	35.29 1.19 -10.29	39.18 1.10 -14.69	39.50 1.03 -12.86	37.88 1.10 -12.37	36.95 1.31 -8.42	36.56 1.42 -7.81	35.69 1.48 -5.80	35.27 1.55 -3.40	36.27 1.49 -4.90	36.90 1.40 -7.57	40.15 1.37 -11.81	46.68 0.62 -32.58	49.24 0.97 -29.57	60.48 0.80 -43.63	54.25 0.98 -34.31	49.31 0.42 -41.18	48.12 0.42 -39.58	44.63 0.27 -39.34	39.27 0.32 -33.16	36.22 0.21 -31.84
NYPA__HOLTSVILL 23794	44.99 2.31 -18.86	44.39 2.15 -18.88	39.70 1.99 -16.29	38.17 2.01 -14.34	36.27 2.17 -10.30	40.24 2.15 -14.70	40.81 2.33 -12.87	39.14 2.34 -12.38	38.33 2.67 -8.43	37.86 2.71 -7.82	41.19 2.67 -10.11	42.06 2.82 -8.92	47.72 2.78 -15.07	48.00 2.60 -17.48	51.16 2.53 -21.67	55.28 1.27 -40.53	72.39 1.87 -51.82	82.49 1.60 -64.84	75.38 2.03 -54.40	66.90 0.79 -58.40	55.69 0.80 -46.77	50.52 0.49 -45.01	39.57 0.61 -33.18	36.42 0.40 -31.86
NYPA____HELLGATE_GT1 24158	43.90 1.24 -18.84	43.34 1.12 -18.86	38.76 1.07 -16.27	37.19 1.05 -14.32	35.21 1.12 -10.28	39.03 0.96 -14.68	39.23 0.77 -12.85	37.65 0.88 -12.36	36.76 1.12 -8.41	36.33 1.20 -7.80	35.42 1.22 -5.79	34.99 1.27 -3.40	36.00 1.23 -4.90	36.64 1.15 -7.56	39.87 1.11 -11.81	46.55 0.50 -32.57	49.04 0.79 -29.56	60.31 0.64 -43.62	54.07 0.81 -34.30	49.24 0.35 -41.17	48.03 0.34 -39.57	44.57 0.22 -39.34	39.21 0.27 -33.15	36.19 0.18 -31.83
NYPA____HELLGATE_GT2 24159	43.90 1.24 -18.84	43.34 1.12 -18.86	38.76 1.07 -16.27	37.19 1.05 -14.32	35.21 1.12 -10.28	39.03 0.96 -14.68	39.23 0.77 -12.85	37.65 0.88 -12.36	36.76 1.12 -8.41	36.33 1.20 -7.80	35.42 1.22 -5.79	34.99 1.27 -3.40	36.00 1.23 -4.90	36.64 1.15 -7.56	39.87 1.11 -11.81	46.55 0.50 -32.57	49.04 0.79 -29.56	60.31 0.64 -43.62	54.07 0.81 -34.30	49.24 0.35 -41.17	48.03 0.34 -39.57	44.57 0.22 -39.34	39.21 0.27 -33.15	36.19 0.18 -31.83
NYS_BARGE__HYD 23848	28.03 -0.62 -4.83	27.75 -0.44 -4.84	25.12 -0.47 -4.17	25.04 -0.46 -3.67	25.92 -0.52 -2.64	26.48 -0.68 -3.76	28.12 -0.79 -3.29	26.39 -1.20 -3.17	27.80 -1.58 -2.16	27.72 -1.61 -2.00	28.45 -1.45 -1.49	29.71 -1.49 -0.87	29.70 -1.43 -1.26	28.44 -1.42 -1.94	28.42 -1.56 -3.03	21.14 -0.69 -8.35	25.34 -0.93 -7.58	26.43 -0.80 -11.18	26.76 -0.99 -8.79	17.98 -0.29 -10.55	17.99 -0.27 -10.14	14.95 -0.14 -10.08	14.13 -0.14 -8.49	12.30 -0.02 -8.16
OAK ORCHARD__HYD 24046	28.17 -0.02 -4.38	27.82 0.07 -4.38	25.20 0.00 -3.78	25.15 0.00 -3.33	26.15 -0.05 -2.39	26.67 -0.14 -3.41	28.47 -0.13 -2.99	26.94 -0.34 -2.87	28.58 -0.60 -1.96	28.60 -0.55 -1.81	29.30 -0.46 -1.35	30.66 -0.45 -0.79	30.62 -0.39 -1.14	29.29 -0.39 -1.76	29.24 -0.46 -2.74	20.87 -0.18 -7.57	25.38 -0.19 -6.87	26.07 -0.11 -10.13	26.75 -0.17 -7.97	17.26 -0.02 -9.56	17.32 0.02 -9.19	14.16 0.01 -9.14	13.49 0.01 -7.70	11.61 0.05 -7.39
OAKDALE__35_KV_LOAD 356122	32.04 0.14 -8.08	31.61 0.16 -8.09	28.55 0.15 -6.98	28.12 0.15 -6.14	28.38 0.17 -4.41	29.83 0.14 -6.29	31.23 0.10 -5.51	29.79 0.07 -5.30	30.84 0.00 -3.61	30.62 -0.05 -3.35	30.92 0.03 -2.49	31.84 0.06 -1.46	32.04 0.06 -2.10	31.20 0.03 -3.25	31.99 -0.03 -5.06	27.47 0.03 -13.96	31.44 0.07 -12.67	34.81 0.06 -18.70	33.71 0.06 -14.70	25.42 0.06 -17.65	25.16 0.08 -16.96	21.93 0.05 -16.86	20.05 0.06 -14.21	17.87 0.05 -13.65
OCC_CHEM__DRP 24175	27.74 -0.98 -4.90	27.50 -0.77 -4.90	24.88 -0.77 -4.23	24.83 -0.72 -3.72	25.65 -0.83 -2.67	26.23 -0.98 -3.82	27.78 -1.18 -3.34	25.99 -1.64 -3.21	27.37 -2.04 -2.19	27.28 -2.08 -2.03	27.98 -1.93 -1.51	29.20 -2.00 -0.88	29.18 -1.97 -1.27	27.97 -1.93 -1.97	27.98 -2.05 -3.07	21.03 -0.92 -8.46	25.13 -1.25 -7.68	26.28 -1.11 -11.34	26.52 -1.35 -8.91	17.98 -0.43 -10.70	17.98 -0.42 -10.28	14.97 -0.23 -10.18	14.13 -0.23 -8.58	12.37 -0.08 -8.27
OH_GEN_PROXY 24063	27.96 -0.71 -4.86	27.67 -0.56 -4.86	25.04 -0.58 -4.20	24.98 -0.54 -3.69	25.84 -0.62 -2.65	26.43 -0.75 -3.79	28.06 -0.87 -3.31	26.33 -1.27 -3.19	27.71 -1.69 -2.17	27.62 -1.72 -2.01	28.34 -1.56 -1.50	29.59 -1.61 -0.88	29.56 -1.58 -1.26	28.32 -1.56 -1.95	28.33 -1.67 -3.05	21.15 -0.73 -8.40	25.33 -0.99 -7.62	26.43 -0.87 -11.25	26.73 -1.06 -8.84	18.01 -0.32 -10.61	18.02 -0.30 -10.20	15.01 -0.16 -10.14	14.18 -0.16 -8.55	12.33 -0.04 -8.21
OLIN_CORP_DRP 24177	27.81 -0.93 -4.92	27.54 -0.75 -4.92	24.92 -0.75 -4.25	24.85 -0.72 -3.74	25.68 -0.81 -2.69	26.27 -0.96 -3.83	27.85 -1.13 -3.36	26.08 -1.56 -3.23	27.46 -1.96 -2.20	27.38 -2.00 -2.04	28.07 -1.85 -1.51	29.33 -1.88 -0.89	29.30 -1.85 -1.28	28.09 -1.82 -1.98	28.07 -1.97 -3.08	21.11 -0.88 -8.50	25.22 -1.20 -7.72	26.39 -1.04 -11.39	26.64 -1.27 -8.96	18.06 -0.40 -10.75	18.06 -0.39 -10.33	15.07 -0.21 -10.27	14.22 -0.22 -8.65	12.40 -0.08 -8.31

OLIN_CORP_DSASP 323712	27.73 -0.98 -4.90	27.50 -0.77 -4.90	24.88 -0.77 -4.23	24.81 -0.74 -3.72	25.65 -0.83 -2.67	26.23 -0.98 -3.82	27.78 -1.18 -3.34	25.99 -1.64 -3.21	27.37 -2.04 -2.19	27.28 -2.08 -2.03	27.98 -1.93 -1.51	29.20 -2.00 -0.88	29.18 -1.97 -1.27	27.97 -1.93 -1.97	27.98 -2.05 -3.07	21.03 -0.92 -8.46	25.11 -1.27 -7.68	26.28 -1.11 -11.34	26.52 -1.35 -8.91	17.98 -0.43 -10.70	17.98 -0.42 -10.28	14.97 -0.23 -10.18	14.13 -0.23 -8.58	12.37 -0.07 -8.27
ONEIDA_HERK_LFGE 323681	25.41 0.21 -1.38	24.98 0.23 -1.38	22.85 0.24 -1.19	23.12 0.24 -1.05	24.82 0.26 -0.75	24.77 0.30 -1.08	26.89 0.33 -0.94	25.78 0.46 -0.91	28.36 0.52 -0.62	28.37 0.46 -0.57	29.20 0.37 -0.43	30.90 0.33 -0.25	30.47 0.24 -0.36	28.76 0.28 -0.56	28.12 0.30 -0.87	16.01 0.15 -2.39	21.07 0.21 -2.17	19.44 0.19 -3.20	21.66 0.19 -2.51	10.78 0.05 -3.02	11.05 0.03 -2.90	7.91 0.01 -2.88	8.23 0.02 -2.43	6.52 0.02 -2.33
ONEIDA___115KV_TB4 55905	26.60 0.52 -2.27	26.17 0.54 -2.27	23.89 0.51 -1.96	24.05 0.50 -1.72	25.59 0.55 -1.24	25.72 0.56 -1.77	27.78 0.61 -1.55	26.56 0.66 -1.49	28.95 0.71 -1.01	28.96 0.68 -0.94	29.76 0.65 -0.70	31.40 0.67 -0.41	31.09 0.63 -0.59	29.42 0.59 -0.91	28.97 0.59 -1.42	17.70 0.31 -3.92	22.70 0.45 -3.55	21.69 0.40 -5.25	23.49 0.42 -4.13	12.83 0.17 -4.95	13.05 0.17 -4.76	9.84 0.10 -4.73	9.88 0.11 -3.99	8.09 0.10 -3.83
ONONDAGA_REF_OCCRA 23987	27.77 -0.05 -4.00	27.30 -0.07 -4.00	24.83 -0.04 -3.45	24.80 -0.07 -3.04	25.92 -0.07 -2.18	26.44 -0.07 -3.12	28.27 -0.08 -2.73	26.96 -0.07 -2.63	28.85 -0.16 -1.79	28.83 -0.16 -1.66	29.50 -0.14 -1.23	30.92 -0.12 -0.72	30.86 -0.06 -1.04	29.45 -0.08 -1.61	29.38 -0.08 -2.51	20.39 0.00 -6.91	25.01 0.04 -6.27	25.37 0.06 -9.26	26.29 0.06 -7.28	16.50 0.05 -8.74	16.57 0.05 -8.40	13.39 0.03 -8.35	12.84 0.02 -7.04	10.94 0.02 -6.76
ONONDAGA___COGEN 23986	27.68 0.00 -3.87	27.21 -0.02 -3.87	24.76 0.00 -3.34	24.74 -0.02 -2.94	25.89 -0.02 -2.11	26.38 -0.02 -3.01	28.23 -0.03 -2.64	26.92 -0.02 -2.54	28.84 -0.11 -1.73	28.83 -0.11 -1.60	29.51 -0.09 -1.19	30.96 -0.06 -0.70	30.88 0.00 -1.01	29.45 -0.03 -1.55	29.35 -0.03 -2.42	20.19 0.03 -6.68	24.84 0.07 -6.06	25.09 0.10 -8.95	26.06 0.08 -7.04	16.21 0.05 -8.44	16.30 0.06 -8.12	13.12 0.04 -8.07	12.61 0.03 -6.80	10.72 0.03 -6.53
ONTARIO___LFGE 23819	28.85 0.31 -4.73	28.38 0.28 -4.73	25.76 0.26 -4.08	25.66 0.24 -3.59	26.65 0.26 -2.58	27.31 0.23 -3.68	29.10 0.26 -3.22	27.73 0.22 -3.10	29.39 0.05 -2.11	29.32 0.03 -1.96	29.95 0.09 -1.45	31.33 0.15 -0.85	31.29 0.18 -1.23	29.94 0.11 -1.90	29.97 0.05 -2.96	21.74 0.10 -8.17	26.32 0.21 -7.41	27.23 0.24 -10.94	27.76 0.21 -8.60	18.18 0.15 -10.32	18.20 0.16 -9.92	14.97 0.09 -9.86	14.18 0.08 -8.31	12.23 0.08 -7.98
ORANGEVILLE_WT_PWR 323706	28.99 -0.33 -5.51	28.64 -0.23 -5.51	25.92 -0.26 -4.76	25.77 -0.24 -4.19	26.55 -0.26 -3.01	27.31 -0.38 -4.29	28.91 -0.46 -3.76	27.29 -0.73 -3.62	28.62 -1.06 -2.46	28.49 -1.12 -2.28	29.14 -0.97 -1.70	30.34 -0.97 -0.99	30.32 -0.99 -1.43	29.11 -1.03 -2.21	29.28 -1.13 -3.45	22.51 -0.48 -9.52	26.65 -0.69 -8.64	28.19 -0.61 -12.75	28.22 -0.76 -10.02	19.52 -0.22 -12.03	19.48 -0.20 -11.56	16.40 -0.11 -11.49	15.36 -0.11 -9.69	13.45 -0.02 -9.30
ORANGEVILLE___ESR 323794	28.99 -0.33 -5.51	28.64 -0.23 -5.51	25.92 -0.26 -4.76	25.77 -0.24 -4.19	26.55 -0.26 -3.01	27.31 -0.38 -4.29	28.91 -0.46 -3.76	27.29 -0.73 -3.62	28.62 -1.06 -2.46	28.49 -1.12 -2.28	29.14 -0.97 -1.70	30.34 -0.97 -0.99	30.32 -0.99 -1.43	29.11 -1.03 -2.21	29.28 -1.13 -3.45	22.51 -0.48 -9.52	26.65 -0.69 -8.64	28.19 -0.61 -12.75	28.22 -0.76 -10.02	19.52 -0.22 -12.03	19.48 -0.20 -11.56	16.40 -0.11 -11.49	15.36 -0.11 -9.69	13.45 -0.02 -9.30
OSWEGATCHIE___HYD 24044	24.53 -0.69 -1.40	24.07 -0.70 -1.41	21.99 -0.64 -1.21	22.37 -0.52 -1.07	24.00 -0.57 -0.77	24.09 -0.40 -1.09	26.27 -0.31 -0.96	25.21 -0.12 -0.92	27.83 -0.03 -0.63	27.78 -0.14 -0.58	28.24 -0.60 -0.43	29.82 -0.76 -0.25	29.35 -0.90 -0.37	27.88 -0.61 -0.56	27.35 -0.48 -0.88	15.56 -0.35 -2.43	20.23 -0.67 -2.20	18.67 -0.63 -3.25	20.90 -0.61 -2.56	10.35 -0.43 -3.07	10.57 -0.50 -2.95	7.64 -0.31 -2.93	7.93 -0.32 -2.47	6.32 -0.23 -2.37
OSWEGO___5 23606	26.50 -0.43 -3.12	26.06 -0.42 -3.12	23.73 -0.38 -2.69	23.78 -0.42 -2.37	25.08 -0.43 -1.70	25.38 -0.45 -2.43	27.26 -0.49 -2.13	25.97 -0.49 -2.05	28.02 -0.60 -1.39	28.02 -0.60 -1.29	28.77 -0.60 -0.96	30.28 -0.61 -0.56	30.09 -0.60 -0.81	28.62 -0.56 -1.25	28.37 -0.54 -1.95	18.64 -0.23 -5.39	23.29 -0.30 -4.89	23.02 -0.24 -7.21	24.32 -0.30 -5.67	14.41 -0.11 -6.81	14.56 -0.11 -6.54	11.46 -0.07 -6.51	11.19 -0.08 -5.48	9.38 -0.05 -5.27
OSWEGO___6 23613	26.50 -0.43 -3.12	26.06 -0.42 -3.12	23.73 -0.38 -2.69	23.78 -0.42 -2.37	25.08 -0.43 -1.70	25.38 -0.45 -2.43	27.26 -0.49 -2.13	25.97 -0.49 -2.05	28.02 -0.60 -1.39	28.02 -0.60 -1.29	28.77 -0.60 -0.96	30.28 -0.61 -0.56	30.09 -0.60 -0.81	28.62 -0.56 -1.25	28.37 -0.54 -1.95	18.64 -0.23 -5.39	23.29 -0.30 -4.89	23.02 -0.24 -7.21	24.32 -0.30 -5.67	14.41 -0.11 -6.81	14.56 -0.11 -6.54	11.46 -0.07 -6.51	11.19 -0.08 -5.48	9.38 -0.05 -5.27
OUTOKUMPU-AB___DRP 24206	28.28 -0.48 -4.94	27.99 -0.33 -4.95	25.35 -0.34 -4.27	25.28 -0.31 -3.76	26.15 -0.36 -2.70	26.73 -0.51 -3.85	28.32 -0.67 -3.37	26.58 -1.07 -3.24	28.02 -1.42 -2.21	27.93 -1.45 -2.05	28.68 -1.25 -1.52	29.94 -1.27 -0.89	29.91 -1.25 -1.29	28.66 -1.26 -1.99	28.66 -1.40 -3.10	21.42 -0.61 -8.54	25.63 -0.82 -7.75	26.78 -0.71 -11.44	27.06 -0.89 -9.00	18.26 -0.25 -10.80	18.27 -0.23 -10.38	15.20 -0.12 -10.30	14.36 -0.11 -8.68	12.52 0.00 -8.35
OXBOW___ 24026	28.07 -0.67 -4.92	27.80 -0.49 -4.93	25.16 -0.51 -4.25	25.09 -0.48 -3.74	25.95 -0.55 -2.69	26.53 -0.70 -3.83	28.10 -0.87 -3.35	26.35 -1.29 -3.23	27.76 -1.66 -2.20	27.68 -1.69 -2.04	28.41 -1.51 -1.51	29.66 -1.55 -0.89	29.63 -1.52 -1.28	28.40 -1.51 -1.98	28.40 -1.65 -3.08	21.25 -0.73 -8.51	25.41 -1.01 -7.72	26.57 -0.87 -11.39	26.85 -1.06 -8.96	18.15 -0.32 -10.75	18.14 -0.31 -10.33	15.10 -0.16 -10.24	14.26 -0.16 -8.63	12.45 -0.03 -8.31
OXY_CHEM_DSASP 323612	27.74 -0.98 -4.90	27.50 -0.77 -4.90	24.88 -0.77 -4.23	24.83 -0.72 -3.72	25.65 -0.83 -2.67	26.23 -0.98 -3.82	27.78 -1.18 -3.34	25.99 -1.64 -3.21	27.37 -2.04 -2.19	27.28 -2.08 -2.03	27.98 -1.93 -1.51	29.20 -2.00 -0.88	29.18 -1.97 -1.27	27.97 -1.93 -1.97	27.98 -2.05 -3.07	21.03 -0.92 -8.46	25.13 -1.25 -7.68	26.28 -1.11 -11.34	26.52 -1.35 -8.91	17.98 -0.43 -10.70	17.98 -0.42 -10.28	14.97 -0.23 -10.18	14.13 -0.23 -8.58	12.37 -0.08 -8.27
OZONE_PARK_ESR 323760	43.93 1.26 -18.85	43.40 1.17 -18.87	38.81 1.11 -16.28	37.27 1.11 -14.33	35.29 1.19 -10.29	39.25 1.17 -14.69	39.68 1.20 -12.86	38.08 1.29 -12.37	37.17 1.52 -8.42	36.78 1.64 -7.81	35.89 1.68 -5.80	35.48 1.76 -3.40	36.51 1.73 -4.90	37.12 1.62 -7.57	40.33 1.56 -11.81	46.78 0.73 -32.58	49.35 1.08 -29.56	60.58 0.90 -43.63	54.36 1.10 -34.31	49.36 0.48 -41.17	48.17 0.48 -39.57	44.66 0.31 -39.34	39.30 0.36 -33.16	36.23 0.22 -31.84

PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	27.74 -0.98 -4.90	27.50 -0.77 -4.90	24.88 -0.77 -4.23	24.83 -0.72 -3.72	25.65 -0.83 -2.67	26.23 -0.98 -3.82	27.78 -1.18 -3.34	25.99 -1.64 -3.21	27.37 -2.04 -2.19	27.28 -2.08 -2.03	27.98 -1.93 -1.51	29.20 -2.00 -0.88	29.18 -1.97 -1.27	27.97 -1.93 -1.97	27.98 -2.05 -3.07	21.03 -0.92 -8.46	25.13 -1.25 -7.68	26.28 -1.11 -11.34	26.52 -1.35 -8.91	17.98 -0.43 -10.70	17.98 -0.42 -10.28	14.97 -0.23 -10.18	14.13 -0.23 -8.58	12.37 -0.08 -8.27
PACKARD__115KV_DUPONT_184 80571	27.74 -0.98 -4.90	27.50 -0.77 -4.90	24.88 -0.77 -4.23	24.83 -0.72 -3.72	25.65 -0.83 -2.67	26.23 -0.98 -3.82	27.78 -1.18 -3.34	25.99 -1.64 -3.21	27.37 -2.04 -2.19	27.28 -2.08 -2.03	27.98 -1.93 -1.51	29.20 -2.00 -0.88	29.18 -1.97 -1.27	27.97 -1.93 -1.97	27.98 -2.05 -3.07	21.03 -0.92 -8.46	25.13 -1.25 -7.68	26.28 -1.11 -11.34	26.52 -1.35 -8.91	17.98 -0.43 -10.70	17.98 -0.42 -10.28	14.97 -0.23 -10.18	14.13 -0.23 -8.58	12.37 -0.08 -8.27
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	44.02 1.36 -18.85	43.49 1.26 -18.87	38.88 1.18 -16.28	37.33 1.18 -14.33	35.36 1.26 -10.29	39.18 1.10 -14.69	39.37 0.90 -12.86	37.78 1.00 -12.37	36.82 1.17 -8.42	36.43 1.28 -7.81	35.54 1.34 -5.80	35.12 1.39 -3.40	36.12 1.34 -4.90	36.76 1.26 -7.57	40.01 1.24 -11.81	46.62 0.57 -32.58	49.12 0.86 -29.57	60.40 0.72 -43.63	54.15 0.89 -34.31	49.27 0.39 -41.18	48.08 0.38 -39.58	44.61 0.25 -39.34	39.25 0.30 -33.16	36.22 0.21 -31.84
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	44.24 1.57 -18.85	43.73 1.50 -18.87	39.09 1.39 -16.28	37.55 1.40 -14.33	35.60 1.50 -10.29	39.42 1.33 -14.69	39.60 1.13 -12.86	38.00 1.22 -12.37	37.06 1.42 -8.42	36.67 1.53 -7.81	35.77 1.56 -5.80	35.33 1.61 -3.40	36.36 1.58 -4.90	36.98 1.48 -7.57	40.23 1.46 -11.81	46.72 0.66 -32.58	49.27 1.01 -29.57	60.53 0.85 -43.63	54.23 0.97 -34.31	49.34 0.45 -41.18	48.14 0.45 -39.58	44.65 0.29 -39.34	39.30 0.35 -33.16	36.26 0.25 -31.84
PATROON__115KV_TB1 80586	47.23 0.50 -22.92	46.81 0.51 -22.94	41.66 0.45 -19.79	39.70 0.46 -17.42	36.82 0.50 -12.51	41.74 0.49 -17.86	41.84 0.59 -15.63	39.94 0.49 -15.04	38.09 0.63 -10.24	37.45 0.63 -9.49	36.17 0.71 -7.05	35.25 0.79 -4.14	36.58 0.75 -5.96	37.78 0.64 -9.21	41.91 0.59 -14.36	53.35 0.27 -39.61	55.01 0.37 -35.94	69.43 0.34 -53.04	61.02 0.36 -41.71	57.92 0.15 -50.06	56.38 0.15 -48.11	52.94 0.09 -47.83	46.20 0.10 -40.31	42.94 0.06 -38.71
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	28.22 -0.76 -5.17	27.91 -0.63 -5.17	25.24 -0.64 -4.46	25.17 -0.59 -3.93	25.96 -0.67 -2.82	26.60 -0.82 -4.03	28.22 -0.92 -3.53	26.61 -1.20 -3.39	27.93 -1.61 -2.31	27.81 -1.67 -2.14	28.55 -1.45 -1.59	29.74 -1.52 -0.93	29.73 -1.49 -1.34	28.52 -1.48 -2.08	28.58 -1.62 -3.24	21.68 -0.73 -8.93	25.83 -0.97 -8.11	27.18 -0.83 -11.97	27.32 -1.04 -9.41	18.69 -0.32 -11.29	18.67 -0.30 -10.85	15.64 -0.17 -10.79	14.71 -0.17 -9.09	12.83 -0.07 -8.73
PAWLING_115_KV_BK3_REV_LBMP_H 345028	44.15 1.24 -19.10	43.67 1.19 -19.11	38.98 1.07 -16.49	37.45 1.11 -14.51	35.37 1.14 -10.43	39.42 1.15 -14.88	39.82 1.18 -13.02	38.16 1.22 -12.53	37.20 1.44 -8.53	36.69 1.45 -7.91	35.79 1.51 -5.88	35.32 1.55 -3.45	36.37 1.52 -4.97	37.08 1.48 -7.67	40.33 1.40 -11.97	47.19 0.71 -33.00	49.68 1.03 -29.95	61.11 0.87 -44.20	54.81 1.10 -34.75	49.90 0.48 -41.71	48.70 0.50 -40.09	45.17 0.30 -39.85	39.70 0.33 -33.59	36.63 0.21 -32.26
PEEKSKILL____ 23653	43.50 1.00 -18.68	43.00 0.94 -18.70	38.43 0.88 -16.13	36.92 0.90 -14.20	34.96 0.95 -10.20	38.89 0.94 -14.56	39.33 0.97 -12.74	37.70 1.03 -12.26	36.77 1.20 -8.35	36.30 1.23 -7.74	35.46 1.31 -5.75	35.06 1.37 -3.37	36.08 1.35 -4.86	36.69 1.26 -7.50	39.88 1.21 -11.71	46.34 0.58 -32.29	48.88 0.88 -29.30	60.01 0.72 -43.24	53.83 0.87 -34.00	48.91 0.39 -40.81	47.74 0.40 -39.22	44.26 0.25 -38.99	38.94 0.29 -32.86	35.90 0.18 -31.56
PGE MADISON__WINDPWR 24146	33.34 1.79 -7.74	32.91 1.80 -7.75	29.80 1.69 -6.69	29.37 1.66 -5.88	29.87 1.83 -4.23	31.23 1.80 -6.03	32.82 1.92 -5.28	31.59 2.10 -5.08	32.81 2.13 -3.46	32.62 2.08 -3.21	32.84 2.05 -2.38	33.84 2.12 -1.40	33.83 1.94 -2.01	32.94 1.90 -3.11	33.64 1.83 -4.85	27.83 0.97 -13.38	32.30 1.46 -12.14	35.29 1.32 -17.92	34.52 1.48 -14.09	25.20 0.57 -16.91	24.97 0.59 -16.26	21.51 0.34 -16.16	19.80 0.39 -13.62	17.56 0.31 -13.08
PIERCEFIELD__HYD 23852	24.05 -0.81 -1.05	23.59 -0.82 -1.05	21.55 -0.77 -0.90	22.08 -0.55 -0.79	23.76 -0.62 -0.57	23.83 -0.37 -0.81	26.12 -0.20 -0.71	25.07 -0.02 -0.69	27.86 0.16 -0.47	27.88 0.11 -0.43	28.16 -0.57 -0.32	29.72 -0.79 -0.19	29.22 -0.93 -0.27	27.82 -0.53 -0.42	27.24 -0.38 -0.65	14.88 -0.40 -1.81	19.40 -0.93 -1.64	17.54 -0.93 -2.42	19.92 -0.93 -1.90	9.35 -0.65 -2.28	9.58 -0.73 -2.19	6.77 -0.43 -2.18	7.17 -0.46 -1.84	5.62 -0.32 -1.77
PINELAWN_CC_1 323563	44.75 2.07 -18.86	44.18 1.94 -18.88	39.51 1.80 -16.29	37.98 1.81 -14.34	36.06 1.95 -10.30	40.03 1.94 -14.70	40.56 2.07 -12.87	38.87 2.07 -12.38	38.02 2.37 -8.43	37.53 2.38 -7.82	40.90 2.39 -10.11	41.73 2.49 -8.92	47.39 2.45 -15.07	47.69 2.29 -17.48	50.86 2.24 -21.67	55.12 1.11 -40.53	72.17 1.65 -51.82	82.28 1.40 -64.84	75.13 1.78 -54.40	66.82 0.71 -58.39	55.60 0.71 -46.77	50.47 0.44 -45.01	39.51 0.54 -33.18	36.38 0.36 -31.86
PJM_GEN_HTP_PROXY 323702	43.74 1.07 -18.85	43.21 0.98 -18.86	38.64 0.94 -16.28	37.11 0.96 -14.32	35.12 1.02 -10.29	39.09 1.01 -14.69	39.50 1.03 -12.85	37.91 1.12 -12.37	36.98 1.33 -8.42	36.53 1.39 -7.81	35.66 1.45 -5.80	35.24 1.52 -3.40	36.27 1.49 -4.90	36.89 1.40 -7.57	40.12 1.35 -11.81	46.67 0.62 -32.58	49.19 0.93 -29.56	60.43 0.75 -43.63	54.18 0.93 -34.30	49.29 0.41 -41.17	48.09 0.41 -39.57	44.62 0.26 -39.34	39.25 0.31 -33.16	36.19 0.19 -31.84
PJM_GEN_KEystone 24065	36.46 0.19 -12.46	36.04 0.21 -12.47	32.35 0.17 -10.76	31.49 0.20 -9.47	30.82 0.21 -6.80	33.24 0.14 -9.70	34.21 0.10 -8.49	32.61 0.02 -8.17	32.71 -0.08 -5.56	32.41 -0.08 -5.16	32.27 0.03 -3.83	32.60 0.03 -2.25	33.15 0.03 -3.24	32.93 0.00 -5.00	34.66 -0.11 -7.81	34.99 -0.01 -21.53	38.27 0.04 -19.53	44.88 0.00 -28.83	41.62 0.00 -22.67	34.98 0.06 -27.21	34.34 0.07 -26.15	31.07 0.06 -25.99	27.78 0.08 -21.91	25.27 0.06 -21.04
PJM_GEN_NEPTUNE_PROXY 323594	44.32 1.64 -18.86	43.78 1.54 -18.87	39.14 1.44 -16.29	37.62 1.46 -14.33	35.70 1.60 -10.30	39.66 1.57 -14.69	40.14 1.66 -12.86	38.47 1.68 -12.38	37.59 1.93 -8.43	37.07 1.91 -7.82	40.42 1.90 -10.11	41.25 2.00 -8.92	46.88 1.94 -15.07	47.25 1.84 -17.48	50.38 1.75 -21.67	54.87 0.86 -40.53	71.79 1.27 -51.82	81.94 1.06 -64.84	74.69 1.35 -54.40	66.65 0.55 -58.39	55.44 0.55 -46.77	50.37 0.35 -45.01	39.40 0.43 -33.18	36.31 0.29 -31.85
PJM_GEN_VFT_PROXY 323633	43.64 0.98 -18.85	43.12 0.89 -18.87	38.53 0.83 -16.28	37.00 0.85 -14.33	35.00 0.90 -10.29	38.97 0.89 -14.69	39.37 0.90 -12.86	37.81 1.03 -12.37	36.87 1.23 -8.42	36.45 1.31 -7.81	35.54 1.34 -5.80	35.12 1.40 -3.40	36.15 1.38 -4.90	36.78 1.29 -7.57	40.01 1.24 -11.81	46.62 0.57 -32.58	49.10 0.84 -29.56	60.37 0.69 -43.63	54.09 0.83 -34.31	49.26 0.37 -41.17	48.06 0.37 -39.57	44.60 0.24 -39.34	39.23 0.28 -33.16	36.18 0.17 -31.84

PLATSBRG_115KV_PMLD1 355749	23.90 -0.69 -0.77	23.46 -0.68 -0.77	21.44 -0.64 -0.67	22.07 -0.35 -0.59	23.87 -0.36 -0.42	23.93 -0.07 -0.60	26.40 0.26 -0.53	25.31 0.39 -0.51	28.25 0.68 -0.34	28.28 0.63 -0.32	28.81 0.17 -0.24	30.49 0.03 -0.14	29.96 -0.12 -0.20	28.35 0.11 -0.31	27.74 0.30 -0.48	14.73 -0.08 -1.33	19.40 -0.50 -1.21	17.19 -0.64 -1.79	19.81 -0.55 -1.40	8.84 -0.56 -1.69	9.04 -0.70 -1.62	6.17 -0.46 -1.61	6.65 -0.49 -1.36	5.12 -0.35 -1.30
PLEASANTVLY___LBMP 24000	44.36 0.93 -19.62	43.88 0.89 -19.63	39.20 0.84 -16.94	37.59 0.85 -14.91	35.44 0.93 -10.71	39.59 0.91 -15.28	39.94 0.95 -13.38	38.24 0.95 -12.87	37.10 1.12 -8.76	36.60 1.15 -8.12	35.67 1.22 -6.04	35.17 1.30 -3.54	36.23 1.25 -5.10	37.01 1.20 -7.88	40.38 1.13 -12.29	47.92 0.54 -33.90	50.25 0.79 -30.76	62.11 0.66 -45.40	55.47 0.81 -35.70	50.90 0.35 -42.84	49.65 0.36 -41.18	46.18 0.23 -40.94	40.55 0.27 -34.50	37.47 0.17 -33.13
PLSNTVLE_13_KV_13.8KVDIST 80602	43.87 1.10 -18.96	43.37 1.03 -18.98	38.74 0.94 -16.38	37.20 0.96 -14.41	35.21 1.05 -10.35	39.20 1.03 -14.77	39.62 1.08 -12.93	37.98 1.12 -12.45	37.00 1.31 -8.47	36.53 1.34 -7.85	35.66 1.42 -5.84	35.26 1.52 -3.42	36.27 1.46 -4.93	36.91 1.37 -7.62	40.16 1.32 -11.88	46.90 0.65 -32.77	49.37 0.93 -29.74	60.72 0.79 -43.89	54.43 0.97 -34.51	49.55 0.42 -41.42	48.36 0.43 -39.81	44.86 0.27 -39.58	39.45 0.31 -33.36	36.39 0.19 -32.03
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	43.87 1.10 -18.96	43.37 1.03 -18.98	38.74 0.94 -16.38	37.20 0.96 -14.41	35.21 1.05 -10.35	39.20 1.03 -14.77	39.62 1.08 -12.93	37.98 1.12 -12.45	37.00 1.31 -8.47	36.53 1.34 -7.85	35.66 1.42 -5.84	35.26 1.52 -3.42	36.27 1.46 -4.93	36.91 1.37 -7.62	40.16 1.32 -11.88	46.90 0.65 -32.77	49.37 0.93 -29.74	60.72 0.79 -43.89	54.43 0.97 -34.51	49.55 0.42 -41.42	48.36 0.43 -39.81	44.86 0.27 -39.58	39.45 0.31 -33.36	36.39 0.19 -32.03
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	44.25 1.07 -19.37	43.77 1.03 -19.38	39.09 0.94 -16.72	37.50 0.96 -14.72	35.45 1.07 -10.57	39.53 1.05 -15.09	39.92 1.10 -13.21	38.19 1.07 -12.71	37.13 1.25 -8.65	36.61 1.26 -8.02	35.70 1.34 -5.96	35.21 1.39 -3.50	36.32 1.40 -5.04	37.05 1.34 -7.78	40.39 1.29 -12.13	47.59 0.65 -33.47	50.00 0.93 -30.37	61.65 0.79 -44.82	55.16 0.97 -35.24	50.42 0.41 -42.30	49.18 0.41 -40.65	45.68 0.25 -40.41	40.14 0.30 -34.06	37.06 0.18 -32.71
POLETTI____ 23519	43.71 1.05 -18.85	43.19 0.96 -18.87	38.62 0.92 -16.28	37.09 0.94 -14.33	35.10 1.00 -10.29	39.04 0.96 -14.69	39.45 0.97 -12.86	37.88 1.10 -12.37	36.93 1.28 -8.42	36.51 1.37 -7.81	35.60 1.39 -5.80	35.18 1.46 -3.40	36.21 1.43 -4.90	36.84 1.34 -7.57	40.06 1.29 -11.81	46.65 0.59 -32.58	49.14 0.88 -29.56	60.40 0.72 -43.63	54.15 0.89 -34.31	49.27 0.39 -41.17	48.08 0.39 -39.57	44.61 0.26 -39.34	39.24 0.30 -33.16	36.19 0.18 -31.84
POMONA____ESR 323819	43.07 1.00 -18.26	42.57 0.94 -18.27	38.04 0.86 -15.77	36.58 0.87 -13.87	34.73 0.95 -9.97	38.56 0.94 -14.22	39.04 0.97 -12.45	37.39 1.00 -11.98	36.55 1.17 -8.15	36.10 1.20 -7.56	35.31 1.28 -5.62	34.95 1.33 -3.30	35.97 1.35 -4.75	36.52 1.26 -7.33	39.58 1.18 -11.44	45.61 0.58 -31.55	48.21 0.88 -28.63	59.02 0.72 -42.25	53.05 0.87 -33.22	47.97 0.39 -39.88	46.84 0.40 -38.32	43.37 0.25 -38.10	38.19 0.29 -32.11	35.18 0.18 -30.84
PORT_JEFF_3 23555	45.04 2.36 -18.86	44.44 2.20 -18.88	39.75 2.04 -16.29	38.22 2.05 -14.34	36.32 2.21 -10.30	40.29 2.20 -14.70	40.87 2.38 -12.87	39.19 2.39 -12.38	38.38 2.72 -8.43	37.92 2.76 -7.82	41.24 2.73 -10.11	42.16 2.91 -8.92	47.81 2.87 -15.07	48.08 2.68 -17.48	51.24 2.61 -21.67	55.32 1.31 -40.53	72.45 1.93 -51.82	82.54 1.65 -64.84	75.43 2.08 -54.40	66.92 0.82 -58.40	55.71 0.83 -46.77	50.53 0.50 -45.01	39.58 0.62 -33.18	36.43 0.40 -31.86
PORT_JEFF_4 23616	45.04 2.36 -18.86	44.44 2.20 -18.88	39.75 2.04 -16.29	38.22 2.05 -14.34	36.32 2.21 -10.30	40.29 2.20 -14.70	40.87 2.38 -12.87	39.19 2.39 -12.38	38.38 2.72 -8.43	37.92 2.76 -7.82	41.24 2.73 -10.11	42.16 2.91 -8.92	47.81 2.87 -15.07	48.08 2.68 -17.48	51.24 2.61 -21.67	55.32 1.31 -40.53	72.45 1.93 -51.82	82.54 1.65 -64.84	75.43 2.08 -54.40	66.92 0.82 -58.40	55.71 0.83 -46.77	50.53 0.50 -45.01	39.58 0.62 -33.18	36.43 0.40 -31.86
PORT_JEFF_IC 23713	45.06 2.38 -18.86	44.46 2.22 -18.88	39.77 2.06 -16.29	38.24 2.07 -14.34	36.35 2.24 -10.30	40.32 2.22 -14.70	40.89 2.41 -12.87	39.21 2.42 -12.38	38.41 2.75 -8.43	37.95 2.79 -7.82	41.30 2.79 -10.11	42.18 2.94 -8.92	47.84 2.90 -15.07	48.14 2.74 -17.48	51.27 2.64 -21.67	55.35 1.33 -40.53	72.48 1.96 -51.82	82.57 1.68 -64.84	75.49 2.14 -54.40	66.94 0.83 -58.40	55.72 0.84 -46.77	50.54 0.51 -45.01	39.60 0.63 -33.18	36.43 0.41 -31.86
PPL PILGRIM_ST_GT1 24216	45.06 2.38 -18.86	44.49 2.24 -18.88	39.79 2.08 -16.29	38.26 2.10 -14.34	36.37 2.26 -10.30	40.34 2.25 -14.70	40.89 2.41 -12.87	39.21 2.42 -12.38	38.41 2.75 -8.43	37.95 2.79 -7.82	41.27 2.75 -10.11	42.16 2.91 -8.92	47.78 2.84 -15.07	48.08 2.68 -17.48	51.22 2.59 -21.67	55.32 1.31 -40.53	72.45 1.93 -51.82	82.54 1.65 -64.84	75.40 2.05 -54.40	66.92 0.82 -58.40	55.70 0.82 -46.77	50.53 0.51 -45.01	39.59 0.62 -33.18	36.44 0.41 -31.86
PPL PILGRIM_ST_GT2 24217	45.06 2.38 -18.86	44.49 2.24 -18.88	39.79 2.08 -16.29	38.26 2.10 -14.34	36.37 2.26 -10.30	40.34 2.25 -14.70	40.89 2.41 -12.87	39.21 2.42 -12.38	38.41 2.75 -8.43	37.95 2.79 -7.82	41.27 2.75 -10.11	42.16 2.91 -8.92	47.78 2.84 -15.07	48.08 2.68 -17.48	51.22 2.59 -21.67	55.32 1.31 -40.53	72.45 1.93 -51.82	82.54 1.65 -64.84	75.40 2.05 -54.40	66.92 0.82 -58.40	55.70 0.82 -46.77	50.53 0.51 -45.01	39.59 0.62 -33.18	36.44 0.41 -31.86
PPL_SHRM_GT3 24213	45.20 2.52 -18.86	44.60 2.36 -18.88	39.90 2.19 -16.29	38.37 2.20 -14.34	36.49 2.38 -10.30	40.45 2.36 -14.70	41.04 2.56 -12.87	39.36 2.56 -12.38	38.60 2.94 -8.43	38.14 2.98 -7.82	41.47 2.95 -10.11	42.40 3.15 -8.92	48.05 3.11 -15.07	48.31 2.90 -17.48	51.46 2.83 -21.67	55.44 1.43 -40.53	72.62 2.09 -51.82	82.70 1.81 -64.84	75.70 2.35 -54.40	67.00 0.89 -58.40	55.79 0.90 -46.77	50.57 0.55 -45.01	39.64 0.67 -33.18	36.46 0.43 -31.86
PPL_SHRM_GT4 24214	45.20 2.52 -18.86	44.60 2.36 -18.88	39.90 2.19 -16.29	38.37 2.20 -14.34	36.49 2.38 -10.30	40.45 2.36 -14.70	41.04 2.56 -12.87	39.36 2.56 -12.38	38.60 2.94 -8.43	38.14 2.98 -7.82	41.47 2.95 -10.11	42.40 3.15 -8.92	48.05 3.11 -15.07	48.31 2.90 -17.48	51.46 2.83 -21.67	55.44 1.43 -40.53	72.62 2.09 -51.82	82.70 1.81 -64.84	75.70 2.35 -54.40	67.00 0.89 -58.40	55.79 0.90 -46.77	50.57 0.55 -45.01	39.64 0.67 -33.18	36.46 0.43 -31.86
PROJECT___ORANGE I 24174	27.30 -0.12 -3.61	26.83 -0.14 -3.61	24.43 -0.11 -3.11	24.44 -0.13 -2.74	25.63 -0.14 -1.97	26.06 -0.14 -2.81	27.90 -0.18 -2.46	26.61 -0.17 -2.37	28.56 -0.27 -1.61	28.55 -0.27 -1.49	29.29 -0.23 -1.11	30.76 -0.21 -0.65	30.63 -0.18 -0.94	29.21 -0.17 -1.45	29.06 -0.16 -2.26	19.67 -0.04 -6.23	24.33 -0.02 -5.66	24.39 0.00 -8.35	25.49 -0.02 -6.56	15.60 0.02 -7.88	15.70 0.02 -7.57	12.55 0.01 -7.53	12.13 0.00 -6.34	10.27 0.01 -6.09

PROJECT___ORANGE 2 24166	27.30 -0.12 -3.61	26.83 -0.14 -3.61	24.43 -0.11 -3.11	24.44 -0.13 -2.74	25.63 -0.14 -1.97	26.06 -0.14 -2.81	27.90 -0.18 -2.46	26.61 -0.17 -2.37	28.56 -0.27 -1.61	28.55 -0.27 -1.49	29.29 -0.23 -1.11	30.76 -0.21 -0.65	30.63 -0.18 -0.94	29.21 -0.17 -1.45	29.06 -0.16 -2.26	19.67 -0.04 -6.23	24.33 -0.02 -5.66	24.39 0.00 -8.35	25.49 -0.02 -6.56	15.60 0.02 -7.88	15.70 0.02 -7.57	12.55 0.01 -7.53	12.13 0.00 -6.34	10.27 0.01 -6.09
PUCKETT___SOLAR 323809	32.65 0.60 -8.24	32.19 0.58 -8.24	29.09 0.56 -7.11	28.63 0.55 -6.26	28.92 0.62 -4.50	30.40 0.59 -6.42	31.82 0.59 -5.62	30.43 0.61 -5.41	31.42 0.52 -3.68	31.18 0.44 -3.41	31.39 0.45 -2.54	32.29 0.48 -1.49	32.49 0.48 -2.14	31.71 0.47 -3.31	32.58 0.46 -5.16	27.99 0.28 -14.23	32.08 0.47 -12.92	35.54 0.43 -19.06	34.41 0.47 -14.99	25.92 0.22 -17.99	25.64 0.24 -17.29	22.35 0.14 -17.19	20.43 0.16 -14.49	18.20 0.12 -13.91
PYRITES___HYD 24023	24.35 -0.48 -1.02	23.89 -0.49 -1.02	21.85 -0.45 -0.88	22.36 -0.24 -0.77	24.10 -0.26 -0.55	24.16 -0.02 -0.79	26.51 0.20 -0.69	25.49 0.41 -0.67	28.31 0.63 -0.45	28.30 0.55 -0.42	28.58 -0.14 -0.31	30.17 -0.33 -0.18	29.60 -0.54 -0.26	28.20 -0.14 -0.41	27.65 0.05 -0.64	15.04 -0.19 -1.75	19.69 -0.60 -1.59	17.76 -0.64 -2.35	20.21 -0.59 -1.85	9.41 -0.52 -2.22	9.63 -0.62 -2.13	6.76 -0.38 -2.12	7.18 -0.39 -1.79	5.62 -0.26 -1.71
QUAKERRD_115KV_BK1 80622	27.56 -0.55 -4.29	27.17 -0.49 -4.30	24.64 -0.49 -3.71	24.57 -0.52 -3.26	25.58 -0.57 -2.34	26.09 -0.66 -3.35	27.85 -0.69 -2.93	26.42 -0.81 -2.82	28.08 -1.06 -1.92	28.07 -1.04 -1.78	28.73 -0.99 -1.32	30.06 -1.03 -0.78	30.04 -0.96 -1.12	28.73 -0.92 -1.72	28.71 -0.94 -2.69	20.48 -0.42 -7.42	24.89 -0.54 -6.73	25.57 -0.42 -9.94	26.24 -0.53 -7.82	16.91 -0.18 -9.38	16.97 -0.16 -9.01	13.88 -0.10 -8.96	13.21 -0.13 -7.55	11.36 -0.06 -7.25
QUENSBRY_115KV_TB8 356137	49.00 1.76 -23.42	48.62 1.82 -23.44	43.23 1.59 -20.22	41.24 1.62 -17.80	38.26 1.67 -12.79	43.28 1.64 -18.25	43.46 1.87 -15.97	41.56 1.78 -15.37	39.78 2.10 -10.46	39.03 2.00 -9.70	37.66 2.05 -7.21	36.58 2.03 -4.23	38.09 2.12 -6.09	39.29 1.95 -9.41	43.49 1.86 -14.68	54.49 0.54 -40.47	56.16 0.73 -36.73	70.99 0.74 -54.20	62.41 0.83 -42.62	59.15 0.29 -51.15	57.57 0.28 -49.16	54.04 0.15 -48.87	47.15 0.17 -41.19	43.99 0.26 -39.56
RAMAPO___LBMP 323565	42.92 0.90 -18.20	42.44 0.86 -18.21	37.93 0.79 -15.72	36.47 0.81 -13.83	34.62 0.88 -9.94	38.44 0.87 -14.18	38.93 0.90 -12.41	37.28 0.93 -11.94	36.45 1.09 -8.13	35.99 1.12 -7.54	35.20 1.19 -5.60	34.85 1.24 -3.29	35.83 1.22 -4.73	36.38 1.15 -7.31	39.44 1.08 -11.40	45.46 0.53 -31.45	48.05 0.80 -28.54	58.83 0.66 -42.12	52.87 0.80 -33.12	47.82 0.35 -39.75	46.69 0.37 -38.21	43.23 0.23 -37.98	38.07 0.27 -32.01	35.07 0.16 -30.74
RANKINE____ 23646	28.50 -0.43 -5.11	28.20 -0.28 -5.12	25.52 -0.32 -4.42	25.43 -0.28 -3.89	26.29 -0.31 -2.79	26.91 -0.47 -3.98	28.54 -0.56 -3.49	26.84 -0.93 -3.36	28.23 -1.28 -2.28	28.11 -1.34 -2.12	28.84 -1.14 -1.57	30.09 -1.15 -0.92	30.07 -1.14 -1.33	28.81 -1.17 -2.05	28.87 -1.29 -3.20	21.76 -0.55 -8.84	25.97 -0.75 -8.02	27.22 -0.66 -11.83	27.44 -0.81 -9.31	18.66 -0.22 -11.17	18.65 -0.20 -10.73	15.58 -0.11 -10.67	14.68 -0.10 -8.99	12.80 -0.01 -8.64
RAVENSWOOD_GT2_1 24244	43.81 1.14 -18.85	43.28 1.05 -18.87	38.69 0.99 -16.28	37.14 0.98 -14.33	35.17 1.07 -10.29	39.14 1.05 -14.69	39.52 1.05 -12.86	37.93 1.15 -12.37	37.01 1.36 -8.42	36.56 1.42 -7.81	35.69 1.48 -5.80	35.27 1.55 -3.40	36.30 1.52 -4.90	36.92 1.42 -7.57	40.15 1.37 -11.81	46.69 0.63 -32.58	49.22 0.95 -29.57	60.47 0.79 -43.63	54.23 0.97 -34.31	49.31 0.42 -41.18	48.12 0.42 -39.58	44.63 0.27 -39.34	39.26 0.32 -33.16	36.21 0.20 -31.84
RAVENSWOOD_GT2_2 24245	43.81 1.14 -18.85	43.28 1.05 -18.87	38.69 0.99 -16.28	37.14 0.98 -14.33	35.17 1.07 -10.29	39.14 1.05 -14.69	39.52 1.05 -12.86	37.93 1.15 -12.37	37.01 1.36 -8.42	36.56 1.42 -7.81	35.69 1.48 -5.80	35.27 1.55 -3.40	36.30 1.52 -4.90	36.92 1.42 -7.57	40.15 1.37 -11.81	46.69 0.63 -32.58	49.22 0.95 -29.57	60.47 0.79 -43.63	54.23 0.97 -34.31	49.31 0.42 -41.18	48.12 0.42 -39.58	44.63 0.27 -39.34	39.26 0.32 -33.16	36.21 0.20 -31.84
RAVENSWOOD_GT2_3 24246	43.81 1.14 -18.85	43.28 1.05 -18.87	38.71 1.01 -16.28	37.16 1.00 -14.33	35.17 1.07 -10.29	39.14 1.05 -14.69	39.55 1.08 -12.86	37.93 1.15 -12.37	37.01 1.36 -8.42	36.59 1.45 -7.81	35.72 1.51 -5.80	35.27 1.55 -3.40	36.30 1.52 -4.90	36.92 1.42 -7.57	40.17 1.40 -11.81	46.70 0.65 -32.58	49.22 0.95 -29.57	60.48 0.80 -43.63	54.23 0.97 -34.31	49.31 0.42 -41.18	48.12 0.42 -39.58	44.63 0.27 -39.34	39.27 0.32 -33.16	36.21 0.20 -31.84
RAVENSWOOD_GT2_4 24247	43.81 1.14 -18.85	43.28 1.05 -18.87	38.71 1.01 -16.28	37.16 1.00 -14.33	35.17 1.07 -10.29	39.14 1.05 -14.69	39.55 1.08 -12.86	37.93 1.15 -12.37	37.01 1.36 -8.42	36.59 1.45 -7.81	35.72 1.51 -5.80	35.27 1.55 -3.40	36.30 1.52 -4.90	36.92 1.42 -7.57	40.17 1.40 -11.81	46.70 0.65 -32.58	49.22 0.95 -29.57	60.48 0.80 -43.63	54.23 0.97 -34.31	49.31 0.42 -41.18	48.12 0.42 -39.58	44.63 0.27 -39.34	39.27 0.32 -33.16	36.21 0.20 -31.84
RAVENSWOOD_GT3_1 24248	43.81 1.14 -18.85	43.28 1.05 -18.87	38.69 0.99 -16.28	37.16 1.00 -14.33	35.17 1.07 -10.29	39.14 1.05 -14.69	39.52 1.05 -12.86	37.93 1.15 -12.37	37.01 1.36 -8.42	36.56 1.42 -7.81	35.69 1.48 -5.80	35.27 1.55 -3.40	36.30 1.52 -4.90	36.92 1.42 -7.57	40.15 1.37 -11.81	46.70 0.65 -32.58	49.22 0.95 -29.57	60.47 0.79 -43.63	54.23 0.97 -34.31	49.31 0.42 -41.18	48.12 0.42 -39.58	44.63 0.27 -39.34	39.27 0.32 -33.16	36.21 0.20 -31.84
RAVENSWOOD_GT3_2 24249	43.81 1.14 -18.85	43.28 1.05 -18.87	38.69 0.99 -16.28	37.16 1.00 -14.33	35.17 1.07 -10.29	39.14 1.05 -14.69	39.52 1.05 -12.86	37.93 1.15 -12.37	37.01 1.36 -8.42	36.56 1.42 -7.81	35.69 1.48 -5.80	35.27 1.55 -3.40	36.30 1.52 -4.90	36.92 1.42 -7.57	40.15 1.37 -11.81	46.70 0.65 -32.58	49.22 0.95 -29.57	60.47 0.79 -43.63	54.23 0.97 -34.31	49.31 0.42 -41.18	48.12 0.42 -39.58	44.63 0.27 -39.34	39.27 0.32 -33.16	36.21 0.20 -31.84
RAVENSWOOD_GT3_3 24250	43.83 1.17 -18.85	43.31 1.07 -18.87	38.71 1.01 -16.28	37.18 1.03 -14.33	35.19 1.10 -10.29	39.16 1.08 -14.69	39.57 1.10 -12.86	37.95 1.17 -12.37	37.04 1.39 -8.42	36.62 1.48 -7.81	35.74 1.53 -5.80	35.30 1.58 -3.40	36.33 1.55 -4.90	36.95 1.45 -7.57	40.20 1.43 -11.81	46.72 0.66 -32.58	49.24 0.97 -29.57	60.50 0.82 -43.63	54.25 0.99 -34.31	49.32 0.43 -41.18	48.12 0.43 -39.58	44.64 0.28 -39.34	39.27 0.33 -33.16	36.21 0.20 -31.84
RAVENSWOOD_GT3_4 24251	43.83 1.17 -18.85	43.31 1.07 -18.87	38.71 1.01 -16.28	37.18 1.03 -14.33	35.19 1.10 -10.29	39.16 1.08 -14.69	39.57 1.10 -12.86	37.95 1.17 -12.37	37.04 1.39 -8.42	36.62 1.48 -7.81	35.74 1.53 -5.80	35.30 1.58 -3.40	36.33 1.55 -4.90	36.95 1.45 -7.57	40.20 1.43 -11.81	46.72 0.66 -32.58	49.24 0.97 -29.57	60.50 0.82 -43.63	54.25 0.99 -34.31	49.32 0.43 -41.18	48.12 0.43 -39.58	44.64 0.28 -39.34	39.27 0.33 -33.16	36.21 0.20 -31.84

RAVENSWOOD_GT_1 23729	43.93 1.26 -18.85	43.40 1.17 -18.87	38.82 1.11 -16.28	37.27 1.11 -14.33	35.29 1.19 -10.29	39.23 1.15 -14.69	39.55 1.08 -12.86	37.93 1.15 -12.37	37.01 1.36 -8.42	36.62 1.48 -7.81	35.74 1.53 -5.80	35.30 1.58 -3.40	36.33 1.55 -4.90	36.95 1.45 -7.57	40.20 1.43 -11.81	46.70 0.65 -32.58	49.25 0.99 -29.57	60.51 0.83 -43.63	54.28 1.02 -34.31	49.33 0.44 -41.18	48.12 0.43 -39.58	44.64 0.28 -39.34	39.28 0.34 -33.16	36.22 0.21 -31.84
RAVENSWOOD_GT_10 24258	43.79 1.12 -18.85	43.28 1.05 -18.87	38.69 0.99 -16.28	37.14 0.98 -14.33	35.17 1.07 -10.29	39.14 1.05 -14.69	39.55 1.08 -12.86	37.93 1.15 -12.37	37.01 1.36 -8.42	36.56 1.42 -7.81	35.69 1.48 -5.80	35.27 1.55 -3.40	36.30 1.52 -4.90	36.92 1.42 -7.57	40.15 1.37 -11.81	46.70 0.65 -32.58	49.22 0.95 -29.57	60.47 0.79 -43.63	54.23 0.97 -34.31	49.31 0.42 -41.18	48.12 0.42 -39.58	44.63 0.27 -39.34	39.26 0.32 -33.16	36.21 0.20 -31.84
RAVENSWOOD_GT_11 24259	43.79 1.12 -18.85	43.28 1.05 -18.87	38.69 0.99 -16.28	37.14 0.98 -14.33	35.17 1.07 -10.29	39.14 1.05 -14.69	39.55 1.08 -12.86	37.93 1.15 -12.37	37.01 1.36 -8.42	36.56 1.42 -7.81	35.69 1.48 -5.80	35.27 1.55 -3.40	36.30 1.52 -4.90	36.92 1.42 -7.57	40.15 1.37 -11.81	46.70 0.65 -32.58	49.22 0.95 -29.57	60.47 0.79 -43.63	54.23 0.97 -34.31	49.31 0.42 -41.18	48.12 0.42 -39.58	44.63 0.27 -39.34	39.26 0.32 -33.16	36.21 0.20 -31.84
RAVENSWOOD_GT_4 24252	43.79 1.12 -18.85	43.26 1.03 -18.87	38.67 0.96 -16.28	37.14 0.98 -14.33	35.15 1.05 -10.29	39.11 1.03 -14.69	39.55 1.08 -12.86	37.93 1.15 -12.37	37.01 1.36 -8.42	36.56 1.42 -7.81	35.69 1.48 -5.80	35.27 1.55 -3.40	36.30 1.52 -4.90	36.92 1.42 -7.57	40.15 1.37 -11.81	46.70 0.65 -32.58	49.20 0.93 -29.57	60.47 0.79 -43.63	54.23 0.97 -34.31	49.31 0.42 -41.18	48.12 0.42 -39.58	44.63 0.27 -39.34	39.26 0.32 -33.16	36.21 0.20 -31.84
RAVENSWOOD_GT_5 24254	43.79 1.12 -18.85	43.26 1.03 -18.87	38.67 0.96 -16.28	37.14 0.98 -14.33	35.15 1.05 -10.29	39.11 1.03 -14.69	39.55 1.08 -12.86	37.93 1.15 -12.37	37.01 1.36 -8.42	36.56 1.42 -7.81	35.69 1.48 -5.80	35.27 1.55 -3.40	36.30 1.52 -4.90	36.92 1.42 -7.57	40.15 1.37 -11.81	46.70 0.65 -32.58	49.20 0.93 -29.57	60.47 0.79 -43.63	54.23 0.97 -34.31	49.31 0.42 -41.18	48.12 0.42 -39.58	44.63 0.27 -39.34	39.26 0.32 -33.16	36.21 0.20 -31.84
RAVENSWOOD_GT_6 24253	43.79 1.12 -18.85	43.26 1.03 -18.87	38.67 0.96 -16.28	37.14 0.98 -14.33	35.15 1.05 -10.29	39.11 1.03 -14.69	39.55 1.08 -12.86	37.93 1.15 -12.37	37.01 1.36 -8.42	36.56 1.42 -7.81	35.69 1.48 -5.80	35.27 1.55 -3.40	36.30 1.52 -4.90	36.92 1.42 -7.57	40.15 1.37 -11.81	46.70 0.65 -32.58	49.20 0.93 -29.57	60.47 0.79 -43.63	54.23 0.97 -34.31	49.31 0.42 -41.18	48.12 0.42 -39.58	44.63 0.27 -39.34	39.26 0.32 -33.16	36.21 0.20 -31.84
RAVENSWOOD_GT_7 24255	43.79 1.12 -18.85	43.26 1.03 -18.87	38.67 0.96 -16.28	37.14 0.98 -14.33	35.15 1.05 -10.29	39.11 1.03 -14.69	39.55 1.08 -12.86	37.93 1.15 -12.37	37.01 1.36 -8.42	36.56 1.42 -7.81	35.69 1.48 -5.80	35.27 1.55 -3.40	36.30 1.52 -4.90	36.92 1.42 -7.57	40.15 1.37 -11.81	46.70 0.65 -32.58	49.20 0.93 -29.57	60.47 0.79 -43.63	54.23 0.97 -34.31	49.31 0.42 -41.18	48.12 0.42 -39.58	44.63 0.27 -39.34	39.26 0.32 -33.16	36.21 0.20 -31.84
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	43.79 1.12 -18.85	43.28 1.05 -18.87	38.69 0.99 -16.28	37.14 0.98 -14.33	35.17 1.07 -10.29	39.14 1.05 -14.69	39.55 1.08 -12.86	37.93 1.15 -12.37	37.01 1.36 -8.42	36.56 1.42 -7.81	35.69 1.48 -5.80	35.27 1.55 -3.40	36.30 1.52 -4.90	36.92 1.42 -7.57	40.15 1.37 -11.81	46.70 0.65 -32.58	49.22 0.95 -29.57	60.47 0.79 -43.63	54.23 0.97 -34.31	49.31 0.42 -41.18	48.12 0.42 -39.58	44.63 0.27 -39.34	39.26 0.32 -33.16	36.21 0.20 -31.84
RAVENSWOOD_GT_9 24257	43.79 1.12 -18.85	43.28 1.05 -18.87	38.69 0.99 -16.28	37.14 0.98 -14.33	35.17 1.07 -10.29	39.14 1.05 -14.69	39.55 1.08 -12.86	37.93 1.15 -12.37	37.01 1.36 -8.42	36.56 1.42 -7.81	35.69 1.48 -5.80	35.27 1.55 -3.40	36.30 1.52 -4.90	36.92 1.42 -7.57	40.15 1.37 -11.81	46.70 0.65 -32.58	49.22 0.95 -29.57	60.47 0.79 -43.63	54.23 0.97 -34.31	49.31 0.42 -41.18	48.12 0.42 -39.58	44.63 0.27 -39.34	39.26 0.32 -33.16	36.21 0.20 -31.84
RAVENSWOOD___1 23533	43.93 1.26 -18.85	43.40 1.17 -18.87	38.79 1.09 -16.28	37.25 1.09 -14.33	35.29 1.19 -10.29	39.21 1.12 -14.69	39.52 1.05 -12.86	37.93 1.15 -12.37	36.98 1.33 -8.42	36.59 1.45 -7.81	35.71 1.50 -5.80	35.30 1.58 -3.40	36.30 1.52 -4.90	36.95 1.45 -7.57	40.17 1.40 -11.81	46.70 0.65 -32.58	49.25 0.99 -29.57	60.50 0.82 -43.63	54.26 1.00 -34.31	49.32 0.43 -41.18	48.12 0.43 -39.58	44.64 0.28 -39.34	39.27 0.33 -33.16	36.22 0.21 -31.84
RAVENSWOOD___2 23534	43.90 1.24 -18.85	43.38 1.14 -18.87	38.79 1.09 -16.28	37.25 1.09 -14.33	35.26 1.17 -10.29	39.21 1.12 -14.69	39.52 1.05 -12.86	37.91 1.12 -12.37	36.98 1.33 -8.42	36.59 1.45 -7.81	35.71 1.50 -5.80	35.27 1.55 -3.40	36.30 1.52 -4.90	36.92 1.42 -7.57	40.17 1.40 -11.81	46.69 0.63 -32.58	49.25 0.99 -29.57	60.50 0.82 -43.63	54.26 1.00 -34.31	49.32 0.43 -41.18	48.12 0.43 -39.58	44.64 0.28 -39.34	39.27 0.33 -33.16	36.22 0.21 -31.84
RAVENSWOOD___3 23535	43.81 1.14 -18.85	43.28 1.05 -18.87	38.69 0.99 -16.28	37.16 1.00 -14.33	35.17 1.07 -10.29	39.14 1.05 -14.69	39.52 1.05 -12.86	37.93 1.15 -12.37	37.01 1.36 -8.42	36.56 1.42 -7.81	35.69 1.48 -5.80	35.27 1.55 -3.40	36.30 1.52 -4.90	36.92 1.42 -7.57	40.15 1.37 -11.81	46.70 0.65 -32.58	49.22 0.95 -29.57	60.47 0.79 -43.63	54.23 0.97 -34.31	49.31 0.42 -41.18	48.12 0.42 -39.58	44.63 0.27 -39.34	39.27 0.32 -33.16	36.21 0.20 -31.84
RAVENSWOOD___4 23820	43.90 1.24 -18.85	43.37 1.14 -18.87	38.79 1.09 -16.28	37.24 1.09 -14.32	35.26 1.17 -10.29	39.18 1.10 -14.69	39.52 1.05 -12.86	37.91 1.12 -12.37	36.98 1.33 -8.42	36.56 1.42 -7.81	35.71 1.50 -5.80	35.27 1.55 -3.40	36.30 1.52 -4.90	36.92 1.42 -7.57	40.17 1.40 -11.81	46.69 0.63 -32.58	49.24 0.97 -29.57	60.50 0.82 -43.63	54.26 1.00 -34.31	49.32 0.43 -41.18	48.12 0.42 -39.58	44.64 0.28 -39.34	39.27 0.33 -33.16	36.22 0.21 -31.84
RCPI_TRUST___DRP 24196	43.76 1.10 -18.85	43.26 1.03 -18.86	38.66 0.96 -16.28	37.13 0.98 -14.32	35.14 1.05 -10.29	39.11 1.03 -14.69	39.52 1.05 -12.85	37.95 1.17 -12.37	37.01 1.36 -8.42	36.59 1.45 -7.81	35.69 1.48 -5.80	35.27 1.55 -3.40	36.30 1.52 -4.90	36.92 1.42 -7.57	40.15 1.37 -11.81	46.70 0.65 -32.58	49.19 0.93 -29.56	60.46 0.79 -43.63	54.22 0.97 -34.30	49.30 0.42 -41.17	48.11 0.42 -39.57	44.63 0.27 -39.34	39.26 0.32 -33.16	36.20 0.19 -31.84
RED___ROCHESTER 323720	28.30 0.12 -4.37	27.92 0.19 -4.37	25.30 0.11 -3.77	25.23 0.09 -3.32	26.24 0.05 -2.38	26.75 -0.05 -3.40	28.59 0.00 -2.98	27.06 -0.22 -2.87	28.71 -0.46 -1.95	28.73 -0.41 -1.81	29.47 -0.28 -1.34	30.84 -0.27 -0.79	30.80 -0.21 -1.14	29.46 -0.22 -1.75	29.40 -0.30 -2.74	20.93 -0.09 -7.55	25.47 -0.07 -6.85	26.15 0.00 -10.11	26.88 -0.02 -7.95	17.29 0.04 -9.54	17.36 0.07 -9.17	14.17 0.04 -9.11	13.50 0.03 -7.68	11.61 0.07 -7.38

REGAN___SOLAR 323812	52.82 1.86 -27.15	52.50 1.96 -27.17	46.60 1.73 -23.44	44.21 1.75 -20.63	40.44 1.81 -14.82	46.39 1.85 -21.15	46.28 2.15 -18.51	44.38 2.15 -17.82	41.80 2.45 -12.13	40.93 2.35 -11.24	39.18 2.41 -8.36	37.71 2.49 -4.90	39.57 2.63 -7.06	41.40 2.57 -10.91	46.69 2.72 -17.01	61.80 1.40 -46.92	63.15 1.87 -42.58	80.68 1.80 -62.84	70.16 1.80 -49.41	67.77 0.76 -59.30	65.90 0.79 -56.99	62.12 0.45 -56.66	53.98 0.44 -47.75	50.32 0.29 -45.86
RENSSELAER___COGEN 23796	46.90 0.38 -22.71	46.49 0.40 -22.72	41.39 0.36 -19.61	39.45 0.37 -17.26	36.61 0.40 -12.40	41.48 0.40 -17.69	41.56 0.46 -15.48	39.68 0.37 -14.90	37.86 0.49 -10.14	37.23 0.49 -9.40	35.93 0.54 -6.99	35.06 0.64 -4.10	36.35 0.57 -5.91	37.52 0.47 -9.12	41.62 0.43 -14.23	52.91 0.19 -39.24	54.57 0.26 -35.61	68.83 0.22 -52.55	60.54 0.27 -41.32	57.41 0.10 -49.60	55.89 0.11 -47.67	52.47 0.07 -47.39	45.79 0.07 -39.94	42.56 0.04 -38.35
REPUBLIC_115KV_BARTNBRK 55605	49.77 2.55 -23.41	49.43 2.64 -23.43	43.93 2.29 -20.21	41.93 2.31 -17.79	38.99 2.40 -12.78	44.02 2.39 -18.24	44.35 2.77 -15.96	42.46 2.69 -15.36	40.81 3.13 -10.46	40.06 3.03 -9.69	38.82 3.21 -7.21	37.64 3.09 -4.23	39.16 3.20 -6.09	40.26 2.93 -9.40	44.54 2.91 -14.67	55.03 1.11 -40.45	56.90 1.50 -36.71	71.70 1.48 -54.18	63.12 1.57 -42.60	59.44 0.60 -51.13	57.87 0.61 -49.14	54.20 0.33 -48.85	47.29 0.34 -41.17	44.06 0.36 -39.54
REVERE_CPPR_DRP 24186	26.42 0.62 -1.99	25.99 0.63 -1.99	23.74 0.60 -1.72	23.93 0.59 -1.51	25.54 0.64 -1.09	25.60 0.66 -1.55	27.69 0.72 -1.36	26.52 0.81 -1.31	28.99 0.87 -0.89	29.01 0.85 -0.82	29.81 0.80 -0.61	31.47 0.79 -0.36	31.11 0.72 -0.52	29.43 0.70 -0.80	28.93 0.73 -1.25	17.28 0.36 -3.44	22.36 0.54 -3.12	21.14 0.48 -4.61	23.09 0.51 -3.62	12.25 0.19 -4.35	12.49 0.19 -4.18	9.28 0.11 -4.15	9.41 0.13 -3.50	7.64 0.11 -3.36
REYNOLDS_115KV_TB3 80639	47.15 0.60 -22.74	46.73 0.61 -22.76	41.59 0.54 -19.64	39.68 0.57 -17.28	36.84 0.62 -12.41	41.70 0.58 -17.72	41.79 0.67 -15.51	39.90 0.56 -14.92	38.09 0.71 -10.16	37.46 0.71 -9.42	36.14 0.74 -7.00	35.25 0.82 -4.11	36.57 0.78 -5.91	37.76 0.70 -9.13	41.88 0.67 -14.25	53.07 0.30 -39.30	54.77 0.41 -35.66	69.04 0.37 -52.63	60.75 0.42 -41.38	57.54 0.16 -49.67	56.02 0.17 -47.73	52.58 0.11 -47.45	45.90 0.12 -40.00	42.65 0.08 -38.41
RIVERBAY___ 323610	44.24 1.57 -18.85	43.73 1.50 -18.87	39.09 1.39 -16.28	37.55 1.40 -14.33	35.60 1.50 -10.29	39.42 1.33 -14.69	39.60 1.13 -12.86	38.00 1.22 -12.37	37.06 1.42 -8.42	36.67 1.53 -7.81	35.77 1.56 -5.80	35.33 1.61 -3.40	36.36 1.58 -4.90	36.98 1.48 -7.57	40.23 1.46 -11.81	46.72 0.66 -32.58	49.27 1.01 -29.57	60.53 0.85 -43.63	54.23 0.97 -34.31	49.34 0.45 -41.18	48.14 0.45 -39.58	44.65 0.29 -39.34	39.30 0.35 -33.16	36.26 0.25 -31.84
RIVERSIDE_115KV_TB3 55908	47.11 0.50 -22.79	46.69 0.51 -22.81	41.55 0.45 -19.68	39.63 0.48 -17.32	36.77 0.52 -12.44	41.64 0.49 -17.76	41.75 0.59 -15.54	39.86 0.49 -14.96	38.01 0.60 -10.18	37.40 0.63 -9.44	36.10 0.68 -7.02	35.19 0.76 -4.12	36.52 0.72 -5.93	37.70 0.61 -9.15	41.83 0.59 -14.28	53.12 0.26 -39.39	54.80 0.36 -35.74	69.12 0.32 -52.75	60.79 0.36 -41.48	57.63 0.14 -49.78	56.11 0.15 -47.84	52.67 0.09 -47.56	45.97 0.10 -40.09	42.73 0.06 -38.50
ROARING___BROOK_WT_PWR 323790	23.61 -0.69 -0.49	23.15 -0.70 -0.49	21.18 -0.66 -0.42	21.61 -0.59 -0.37	23.43 -0.64 -0.27	23.21 -0.56 -0.38	25.46 -0.49 -0.33	24.34 -0.39 -0.32	27.12 -0.33 -0.22	27.21 -0.33 -0.20	27.99 -0.57 -0.15	29.74 -0.67 -0.09	29.26 -0.75 -0.13	27.51 -0.61 -0.20	26.70 -0.57 -0.31	13.91 -0.40 -0.84	18.71 -0.75 -0.76	16.44 -0.74 -1.13	19.02 -0.81 -0.89	8.32 -0.46 -1.06	8.62 -0.52 -1.02	5.71 -0.32 -1.02	6.28 -0.36 -0.86	4.74 -0.25 -0.82
ROCHESRG_115KV_T4 355643	28.05 -0.12 -4.35	27.67 -0.05 -4.36	25.09 -0.09 -3.76	25.05 -0.09 -3.31	26.06 -0.12 -2.38	26.55 -0.23 -3.39	28.35 -0.23 -2.97	26.83 -0.44 -2.86	28.49 -0.68 -1.94	28.45 -0.68 -1.80	29.18 -0.57 -1.34	30.53 -0.58 -0.79	30.47 -0.54 -1.13	29.14 -0.53 -1.75	29.09 -0.59 -2.73	20.77 -0.23 -7.52	25.24 -0.28 -6.82	25.91 -0.21 -10.07	26.61 -0.27 -7.92	17.16 -0.05 -9.51	17.23 -0.02 -9.14	14.08 -0.02 -9.08	13.42 -0.02 -7.65	11.55 0.03 -7.35
ROCHESTER_9_IC 23652	28.18 0.00 -4.37	27.83 0.09 -4.37	25.21 0.02 -3.77	25.17 0.02 -3.32	26.17 -0.02 -2.38	26.68 -0.12 -3.40	28.49 -0.10 -2.98	26.96 -0.32 -2.87	28.63 -0.54 -1.95	28.60 -0.55 -1.81	29.32 -0.43 -1.34	30.68 -0.42 -0.79	30.65 -0.36 -1.14	29.32 -0.36 -1.75	29.26 -0.43 -2.74	20.86 -0.16 -7.55	25.38 -0.17 -6.85	26.06 -0.10 -10.11	26.77 -0.13 -7.95	17.25 0.00 -9.54	17.31 0.02 -9.17	14.14 0.02 -9.11	13.48 0.01 -7.68	11.59 0.05 -7.38
ROCKVIEW_13_KV_LD 356306	43.81 1.14 -18.85	43.28 1.05 -18.87	38.69 0.99 -16.28	37.14 0.98 -14.33	35.17 1.07 -10.29	39.16 1.08 -14.69	39.60 1.13 -12.86	37.98 1.20 -12.37	37.04 1.39 -8.42	36.59 1.45 -7.81	35.74 1.53 -5.80	35.33 1.61 -3.40	36.36 1.58 -4.90	36.98 1.48 -7.57	40.20 1.43 -11.81	46.74 0.69 -32.58	49.27 1.01 -29.56	60.53 0.85 -43.63	54.28 1.02 -34.31	49.33 0.45 -41.18	48.16 0.46 -39.57	44.65 0.29 -39.34	39.28 0.34 -33.16	36.21 0.20 -31.84
ROME___115KV_TB2 80656	26.42 0.62 -1.99	25.99 0.63 -1.99	23.74 0.60 -1.72	23.93 0.59 -1.51	25.54 0.64 -1.09	25.60 0.66 -1.55	27.69 0.72 -1.36	26.52 0.81 -1.31	28.99 0.87 -0.89	29.01 0.85 -0.82	29.81 0.80 -0.61	31.47 0.79 -0.36	31.11 0.72 -0.52	29.43 0.70 -0.80	28.93 0.73 -1.25	17.28 0.36 -3.44	22.36 0.54 -3.12	21.14 0.48 -4.61	23.09 0.51 -3.62	12.25 0.19 -4.35	12.49 0.19 -4.18	9.28 0.11 -4.15	9.41 0.13 -3.50	7.64 0.11 -3.36
ROSETON___1 23587	43.40 0.90 -18.68	42.92 0.86 -18.69	38.34 0.79 -16.13	36.83 0.81 -14.19	34.88 0.88 -10.20	38.81 0.87 -14.55	39.25 0.90 -12.74	37.59 0.93 -12.26	36.66 1.09 -8.34	36.19 1.12 -7.73	35.35 1.19 -5.75	34.94 1.24 -3.37	35.96 1.23 -4.86	36.57 1.15 -7.50	39.77 1.11 -11.70	46.28 0.53 -32.27	48.77 0.79 -29.29	59.91 0.64 -43.22	53.74 0.80 -33.99	48.84 0.34 -40.79	47.67 0.35 -39.21	44.21 0.22 -38.98	38.89 0.26 -32.85	35.88 0.16 -31.54
ROSETON___2 23588	43.40 0.90 -18.68	42.92 0.86 -18.69	38.34 0.79 -16.13	36.83 0.81 -14.19	34.88 0.88 -10.20	38.81 0.87 -14.55	39.25 0.90 -12.74	37.59 0.93 -12.26	36.66 1.09 -8.34	36.19 1.12 -7.73	35.35 1.19 -5.75	34.94 1.24 -3.37	35.96 1.23 -4.86	36.57 1.15 -7.50	39.77 1.11 -11.70	46.28 0.53 -32.27	48.77 0.79 -29.29	59.91 0.64 -43.22	53.74 0.80 -33.99	48.84 0.34 -40.79	47.67 0.35 -39.21	44.21 0.22 -38.98	38.89 0.26 -32.85	35.88 0.16 -31.54
ROTTDRAM_115KV_TB3 80664	48.32 0.83 -23.67	47.89 0.84 -23.69	42.61 0.75 -20.44	40.58 0.76 -17.99	37.56 0.83 -12.92	42.65 0.82 -18.44	42.65 0.90 -16.14	40.77 0.83 -15.53	38.78 0.98 -10.57	38.09 0.96 -9.80	36.69 0.99 -7.29	35.63 1.03 -4.27	37.08 1.05 -6.16	38.41 0.98 -9.51	42.76 0.97 -14.83	54.80 0.42 -40.90	56.40 0.58 -37.12	71.36 0.53 -54.78	62.61 0.59 -43.08	59.65 0.24 -51.70	58.06 0.25 -49.69	54.57 0.16 -49.40	47.59 0.17 -41.63	44.28 0.13 -39.98

RUSSELL___1 23602	28.30 0.12 -4.37	27.92 0.19 -4.37	25.30 0.11 -3.77	25.23 0.09 -3.32	26.26 0.07 -2.38	26.75 -0.05 -3.40	28.59 0.00 -2.98	27.06 -0.22 -2.87	28.74 -0.44 -1.95	28.73 -0.41 -1.81	29.47 -0.28 -1.34	30.84 -0.27 -0.79	30.80 -0.21 -1.14	29.46 -0.22 -1.75	29.40 -0.30 -2.74	20.93 -0.09 -7.55	25.47 -0.07 -6.85	26.15 0.00 -10.11	26.88 -0.02 -7.95	17.29 0.04 -9.54	17.36 0.07 -9.17	14.17 0.04 -9.11	13.50 0.03 -7.68	11.61 0.07 -7.38
RUSSELL___2 23532	28.30 0.12 -4.37	27.92 0.19 -4.37	25.30 0.11 -3.77	25.23 0.09 -3.32	26.26 0.07 -2.38	26.75 -0.05 -3.40	28.59 0.00 -2.98	27.06 -0.22 -2.87	28.74 -0.44 -1.95	28.73 -0.41 -1.81	29.47 -0.28 -1.34	30.84 -0.27 -0.79	30.80 -0.21 -1.14	29.46 -0.22 -1.75	29.40 -0.30 -2.74	20.93 -0.09 -7.55	25.47 -0.07 -6.85	26.15 0.00 -10.11	26.88 -0.02 -7.95	17.29 0.04 -9.54	17.36 0.07 -9.17	14.17 0.04 -9.11	13.50 0.03 -7.68	11.61 0.07 -7.38
RUSSELL___3 23549	28.30 0.12 -4.37	27.92 0.19 -4.37	25.30 0.11 -3.77	25.23 0.09 -3.32	26.26 0.07 -2.38	26.75 -0.05 -3.40	28.59 0.00 -2.98	27.06 -0.22 -2.87	28.74 -0.44 -1.95	28.73 -0.41 -1.81	29.47 -0.28 -1.34	30.84 -0.27 -0.79	30.80 -0.21 -1.14	29.46 -0.22 -1.75	29.40 -0.30 -2.74	20.93 -0.09 -7.55	25.47 -0.07 -6.85	26.15 0.00 -10.11	26.88 -0.02 -7.95	17.29 0.04 -9.54	17.36 0.07 -9.17	14.17 0.04 -9.11	13.50 0.03 -7.68	11.61 0.07 -7.38
RUSSELL___4 23556	28.30 0.12 -4.37	27.92 0.19 -4.37	25.30 0.11 -3.77	25.23 0.09 -3.32	26.26 0.07 -2.38	26.75 -0.05 -3.40	28.59 0.00 -2.98	27.06 -0.22 -2.87	28.74 -0.44 -1.95	28.73 -0.41 -1.81	29.47 -0.28 -1.34	30.84 -0.27 -0.79	30.80 -0.21 -1.14	29.46 -0.22 -1.75	29.40 -0.30 -2.74	20.93 -0.09 -7.55	25.47 -0.07 -6.85	26.15 0.00 -10.11	26.88 -0.02 -7.95	17.29 0.04 -9.54	17.36 0.07 -9.17	14.17 0.04 -9.11	13.50 0.03 -7.68	11.61 0.07 -7.38
RUSSELL___STATION 23914	28.30 0.12 -4.37	27.92 0.19 -4.37	25.30 0.11 -3.77	25.23 0.09 -3.32	26.26 0.07 -2.38	26.75 -0.05 -3.40	28.59 0.00 -2.98	27.06 -0.22 -2.87	28.74 -0.44 -1.95	28.73 -0.41 -1.81	29.47 -0.28 -1.34	30.84 -0.27 -0.79	30.80 -0.21 -1.14	29.46 -0.22 -1.75	29.40 -0.30 -2.74	20.93 -0.09 -7.55	25.47 -0.07 -6.85	26.15 0.00 -10.11	26.88 -0.02 -7.95	17.29 0.04 -9.54	17.36 0.07 -9.17	14.17 0.04 -9.11	13.50 0.03 -7.68	11.61 0.07 -7.38
S SALMON___HYD 24043	26.54 -0.33 -3.06	26.10 -0.33 -3.06	23.78 -0.28 -2.64	23.85 -0.31 -2.32	25.14 -0.33 -1.67	25.47 -0.30 -2.38	27.40 -0.31 -2.09	26.17 -0.24 -2.01	28.27 -0.33 -1.37	28.24 -0.36 -1.27	28.92 -0.43 -0.94	30.39 -0.49 -0.55	30.19 -0.48 -0.80	28.74 -0.42 -1.23	28.50 -0.38 -1.92	18.61 -0.15 -5.29	23.31 -0.19 -4.80	23.01 -0.11 -7.08	24.39 -0.13 -5.57	14.33 -0.06 -6.68	14.47 -0.07 -6.42	11.35 -0.05 -6.38	11.10 -0.06 -5.38	9.29 -0.04 -5.17
S.PERRY___115KV_TB1 80734	29.87 0.74 -5.32	29.45 0.77 -5.32	26.67 0.66 -4.59	26.50 0.63 -4.04	27.37 0.67 -2.90	28.10 0.56 -4.14	29.91 0.67 -3.62	28.39 0.49 -3.49	29.79 0.19 -2.37	29.62 0.08 -2.20	30.18 0.14 -1.64	31.43 0.15 -0.96	31.41 0.15 -1.38	30.17 0.11 -2.14	30.32 0.03 -3.33	22.76 0.09 -9.19	27.31 0.28 -8.34	28.70 0.35 -12.30	29.02 0.40 -9.67	19.55 0.23 -11.61	19.55 0.28 -11.16	16.27 0.16 -11.09	15.29 0.16 -9.35	13.30 0.15 -8.98
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	28.29 -0.52 -5.00	28.00 -0.37 -5.01	25.33 -0.41 -4.32	25.28 -0.35 -3.80	26.13 -0.40 -2.73	26.73 -0.56 -3.90	28.36 -0.67 -3.41	26.62 -1.07 -3.28	28.02 -1.44 -2.23	27.90 -1.50 -2.07	28.64 -1.31 -1.54	29.89 -1.33 -0.90	29.86 -1.31 -1.30	28.62 -1.31 -2.01	28.66 -1.43 -3.14	21.50 -0.62 -8.65	25.70 -0.84 -7.85	26.89 -0.74 -11.58	27.15 -0.91 -9.11	18.39 -0.25 -10.93	18.38 -0.24 -10.50	15.34 -0.12 -10.44	14.47 -0.12 -8.80	12.60 -0.02 -8.45
SAWYER___23_KV_LOAD 55526	28.29 -0.52 -5.00	28.00 -0.37 -5.01	25.33 -0.41 -4.32	25.28 -0.35 -3.80	26.13 -0.40 -2.73	26.73 -0.56 -3.90	28.36 -0.67 -3.41	26.62 -1.07 -3.28	28.02 -1.44 -2.23	27.90 -1.50 -2.07	28.64 -1.31 -1.54	29.89 -1.33 -0.90	29.86 -1.31 -1.30	28.62 -1.31 -2.01	28.66 -1.43 -3.14	21.50 -0.62 -8.65	25.70 -0.84 -7.85	26.89 -0.74 -11.58	27.15 -0.91 -9.11	18.39 -0.25 -10.93	18.38 -0.24 -10.50	15.34 -0.12 -10.44	14.47 -0.12 -8.80	12.60 -0.02 -8.45
SELKIRK___I 23801	46.99 0.52 -22.65	46.54 0.51 -22.66	41.45 0.47 -19.56	39.52 0.48 -17.21	36.69 0.52 -12.36	41.55 0.51 -17.64	41.62 0.56 -15.44	39.79 0.51 -14.86	37.94 0.60 -10.12	37.34 0.63 -9.38	36.03 0.65 -6.97	35.14 0.73 -4.09	36.45 0.69 -5.89	37.64 0.61 -9.10	41.74 0.59 -14.19	52.89 0.27 -39.14	54.59 0.37 -35.52	68.78 0.32 -52.42	60.53 0.36 -41.22	57.33 0.15 -49.47	55.82 0.16 -47.54	52.38 0.10 -47.26	45.74 0.12 -39.83	42.50 0.08 -38.25
SELKIRK___II 23799	46.94 0.50 -22.63	46.50 0.49 -22.65	41.41 0.45 -19.54	39.48 0.46 -17.20	36.66 0.50 -12.35	41.52 0.49 -17.63	41.61 0.56 -15.43	39.75 0.49 -14.85	37.93 0.60 -10.11	37.31 0.60 -9.37	36.00 0.62 -6.97	35.10 0.70 -4.09	36.42 0.66 -5.89	37.60 0.59 -9.09	41.68 0.54 -14.18	52.84 0.26 -39.11	54.52 0.34 -35.49	68.73 0.30 -52.37	60.48 0.34 -41.18	57.28 0.14 -49.43	55.77 0.15 -47.50	52.33 0.09 -47.23	45.69 0.10 -39.80	42.46 0.07 -38.22
SENECA OSWGO___HYD 24041	26.88 -0.31 -3.38	26.42 -0.33 -3.38	24.04 -0.30 -2.92	24.07 -0.33 -2.57	25.32 -0.33 -1.85	25.70 -0.33 -2.63	27.54 -0.38 -2.31	26.26 -0.37 -2.22	28.27 -0.46 -1.51	28.27 -0.46 -1.40	28.99 -0.46 -1.04	30.48 -0.45 -0.61	30.34 -0.42 -0.88	28.89 -0.39 -1.36	28.70 -0.38 -2.12	19.17 -0.15 -5.84	23.83 -0.17 -5.30	23.76 -0.11 -7.82	24.91 -0.19 -6.15	15.05 -0.05 -7.38	15.17 -0.04 -7.10	12.04 -0.03 -7.05	11.68 -0.05 -5.95	9.85 -0.03 -5.71
SENECA___115KV_TB3 355854	28.55 -0.38 -5.11	28.22 -0.26 -5.12	25.54 -0.30 -4.42	25.47 -0.24 -3.89	26.31 -0.29 -2.79	26.93 -0.44 -3.98	28.57 -0.54 -3.49	26.89 -0.88 -3.36	28.26 -1.25 -2.28	28.14 -1.31 -2.12	28.90 -1.08 -1.57	30.15 -1.09 -0.92	30.10 -1.11 -1.33	28.86 -1.12 -2.05	28.92 -1.24 -3.20	21.78 -0.54 -8.84	25.99 -0.73 -8.02	27.26 -0.63 -11.83	27.48 -0.78 -9.31	18.67 -0.21 -11.17	18.66 -0.19 -10.73	15.59 -0.10 -10.67	14.69 -0.09 -8.99	12.81 0.00 -8.64
SENECA___ENERGY 23797	28.17 -0.05 -4.40	27.72 -0.05 -4.41	25.18 -0.04 -3.80	25.11 -0.07 -3.35	26.14 -0.07 -2.40	26.76 -0.07 -3.43	28.54 -0.08 -3.00	27.18 -0.12 -2.89	28.95 -0.25 -1.97	28.88 -0.27 -1.82	29.53 -0.23 -1.36	30.90 -0.21 -0.80	30.84 -0.18 -1.15	29.50 -0.19 -1.77	29.50 -0.22 -2.76	21.03 -0.05 -7.61	25.58 -0.02 -6.91	26.29 0.05 -10.19	26.98 0.02 -8.01	17.38 0.05 -9.62	17.42 0.06 -9.24	14.23 0.03 -9.19	13.54 0.01 -7.74	11.63 0.02 -7.44
SHOEMAKER___GT 23640	42.01 0.78 -17.41	41.52 0.73 -17.43	37.12 0.66 -15.04	35.74 0.68 -13.23	34.07 0.76 -9.51	37.71 0.75 -13.57	38.26 0.77 -11.88	36.62 0.78 -11.43	35.90 0.90 -7.78	35.45 0.90 -7.21	34.70 0.94 -5.36	34.46 1.00 -3.14	35.42 1.02 -4.53	35.87 0.95 -7.00	38.79 0.92 -10.91	44.03 0.46 -30.09	46.70 0.69 -27.31	56.93 0.58 -40.30	51.36 0.72 -31.69	46.05 0.30 -38.04	44.99 0.32 -36.56	41.55 0.19 -36.34	36.64 0.23 -30.63	33.72 0.14 -29.41

SHOEMAKR_138KV_BK 111 55601	41.89 0.76 -17.31	41.41 0.72 -17.33	37.04 0.66 -14.95	35.66 0.68 -13.16	34.02 0.76 -9.45	37.61 0.73 -13.49	38.17 0.74 -11.81	36.55 0.78 -11.36	35.86 0.90 -7.73	35.40 0.90 -7.17	34.70 0.97 -5.33	34.45 1.00 -3.13	35.39 1.02 -4.50	35.83 0.95 -6.95	38.72 0.92 -10.85	43.85 0.46 -29.92	46.52 0.67 -27.15	56.68 0.56 -40.07	51.16 0.70 -31.51	45.83 0.30 -37.81	44.77 0.31 -36.34	41.34 0.19 -36.13	36.46 0.23 -30.45	33.55 0.14 -29.24
SHOREHAM_IC_1 23715	45.20 2.52 -18.86	44.60 2.36 -18.88	39.90 2.19 -16.29	38.37 2.20 -14.34	36.49 2.38 -10.30	40.45 2.36 -14.70	41.04 2.56 -12.87	39.36 2.56 -12.38	38.60 2.94 -8.43	38.14 2.98 -7.82	41.47 2.95 -10.11	42.40 3.15 -8.92	48.05 3.11 -15.07	48.31 2.90 -17.48	51.46 2.83 -21.67	55.44 1.43 -40.53	72.62 2.09 -51.82	82.70 1.81 -64.84	75.70 2.35 -54.40	67.00 0.89 -58.40	55.79 0.90 -46.77	50.57 0.55 -45.01	39.64 0.67 -33.18	36.46 0.43 -31.86
SHOREHAM_IC_2 23716	45.20 2.52 -18.86	44.60 2.36 -18.88	39.90 2.19 -16.29	38.37 2.20 -14.34	36.49 2.38 -10.30	40.45 2.36 -14.70	41.04 2.56 -12.87	39.36 2.56 -12.38	38.60 2.94 -8.43	38.14 2.98 -7.82	41.47 2.95 -10.11	42.40 3.15 -8.92	48.05 3.11 -15.07	48.31 2.90 -17.48	51.46 2.83 -21.67	55.44 1.43 -40.53	72.62 2.09 -51.82	82.70 1.81 -64.84	75.70 2.35 -54.40	67.00 0.89 -58.40	55.79 0.90 -46.77	50.57 0.55 -45.01	39.64 0.67 -33.18	36.46 0.43 -31.86
SISSONVILLE____ 23735	24.05 -0.81 -1.05	23.59 -0.82 -1.05	21.55 -0.77 -0.90	22.08 -0.55 -0.79	23.76 -0.62 -0.57	23.83 -0.37 -0.81	26.12 -0.20 -0.71	25.07 -0.02 -0.69	27.86 0.16 -0.47	27.88 0.11 -0.43	28.16 -0.57 -0.32	29.72 -0.79 -0.19	29.22 -0.93 -0.27	27.82 -0.53 -0.42	27.24 -0.38 -0.65	14.88 -0.40 -1.81	19.40 -0.93 -1.64	17.54 -0.93 -2.42	19.92 -0.93 -1.90	9.35 -0.65 -2.28	9.58 -0.73 -2.19	6.77 -0.43 -2.18	7.17 -0.46 -1.84	5.62 -0.32 -1.77
SITHE_IND_GS1 24169	26.18 -0.59 -2.96	25.76 -0.56 -2.96	23.46 -0.51 -2.56	23.53 -0.54 -2.25	24.83 -0.59 -1.62	25.12 -0.58 -2.31	27.00 -0.64 -2.02	25.72 -0.63 -1.94	27.79 -0.76 -1.32	27.79 -0.77 -1.23	28.55 -0.77 -0.91	30.04 -0.82 -0.53	29.87 -0.78 -0.77	28.39 -0.73 -1.19	28.11 -0.70 -1.85	18.28 -0.31 -5.11	22.93 -0.41 -4.64	22.56 -0.34 -6.85	23.92 -0.42 -5.39	14.02 -0.15 -6.46	14.18 -0.15 -6.21	11.10 -0.10 -6.18	10.87 -0.12 -5.20	9.09 -0.08 -5.00
SITHE_IND_GS2 24170	26.18 -0.59 -2.96	25.76 -0.56 -2.96	23.46 -0.51 -2.56	23.53 -0.54 -2.25	24.83 -0.59 -1.62	25.12 -0.58 -2.31	27.00 -0.64 -2.02	25.72 -0.63 -1.94	27.79 -0.76 -1.32	27.79 -0.77 -1.23	28.55 -0.77 -0.91	30.04 -0.82 -0.53	29.87 -0.78 -0.77	28.39 -0.73 -1.19	28.11 -0.70 -1.85	18.28 -0.31 -5.11	22.93 -0.41 -4.64	22.56 -0.34 -6.85	23.92 -0.42 -5.39	14.02 -0.15 -6.46	14.18 -0.15 -6.21	11.10 -0.10 -6.18	10.87 -0.12 -5.20	9.09 -0.08 -5.00
SITHE_IND_GS3 24171	26.18 -0.59 -2.96	25.76 -0.56 -2.96	23.46 -0.51 -2.56	23.53 -0.54 -2.25	24.83 -0.59 -1.62	25.12 -0.58 -2.31	27.00 -0.64 -2.02	25.72 -0.63 -1.94	27.79 -0.76 -1.32	27.79 -0.77 -1.23	28.55 -0.77 -0.91	30.04 -0.82 -0.53	29.87 -0.78 -0.77	28.39 -0.73 -1.19	28.11 -0.70 -1.85	18.28 -0.31 -5.11	22.93 -0.41 -4.64	22.56 -0.34 -6.85	23.92 -0.42 -5.39	14.02 -0.15 -6.46	14.18 -0.15 -6.21	11.10 -0.10 -6.18	10.87 -0.12 -5.20	9.09 -0.08 -5.00
SITHE_IND_GS4 24172	26.18 -0.59 -2.96	25.76 -0.56 -2.96	23.46 -0.51 -2.56	23.53 -0.54 -2.25	24.83 -0.59 -1.62	25.12 -0.58 -2.31	27.00 -0.64 -2.02	25.72 -0.63 -1.94	27.79 -0.76 -1.32	27.79 -0.77 -1.23	28.55 -0.77 -0.91	30.04 -0.82 -0.53	29.87 -0.78 -0.77	28.39 -0.73 -1.19	28.11 -0.70 -1.85	18.28 -0.31 -5.11	22.93 -0.41 -4.64	22.56 -0.34 -6.85	23.92 -0.42 -5.39	14.02 -0.15 -6.46	14.18 -0.15 -6.21	11.10 -0.10 -6.18	10.87 -0.12 -5.20	9.09 -0.08 -5.00
SITHE____BATAVIA 24024	28.53 0.02 -4.69	28.22 0.16 -4.69	25.56 0.09 -4.05	25.46 0.07 -3.56	26.39 0.02 -2.56	26.93 -0.12 -3.65	28.69 -0.13 -3.20	27.05 -0.44 -3.08	28.56 -0.76 -2.10	28.51 -0.77 -1.94	29.25 -0.60 -1.44	30.53 -0.64 -0.85	30.53 -0.57 -1.22	29.22 -0.59 -1.88	29.17 -0.73 -2.94	21.30 -0.28 -8.11	25.72 -0.34 -7.36	26.70 -0.21 -10.86	27.18 -0.30 -8.54	17.93 -0.03 -10.25	17.97 0.01 -9.85	14.81 0.01 -9.79	14.04 0.01 -8.25	12.16 0.07 -7.92
SITHE____INDEPEND 23800	26.18 -0.60 -2.96	25.77 -0.56 -2.96	23.46 -0.51 -2.56	23.53 -0.55 -2.25	24.83 -0.60 -1.62	25.12 -0.58 -2.31	26.99 -0.64 -2.02	25.72 -0.63 -1.94	27.79 -0.76 -1.32	27.79 -0.77 -1.23	28.55 -0.77 -0.91	30.04 -0.82 -0.53	29.87 -0.78 -0.77	28.39 -0.73 -1.19	28.11 -0.70 -1.85	18.28 -0.31 -5.11	22.93 -0.41 -4.64	22.56 -0.34 -6.85	23.92 -0.42 -5.39	14.02 -0.15 -6.46	14.18 -0.15 -6.21	11.10 -0.10 -6.18	10.87 -0.12 -5.20	9.09 -0.08 -5.00
SITHE____MASSENA 23902	23.82 -0.81 -0.82	23.37 -0.82 -0.82	21.36 -0.77 -0.71	21.91 -0.54 -0.62	23.63 -0.62 -0.45	23.66 -0.38 -0.64	26.05 -0.13 -0.56	24.95 0.00 -0.54	27.78 0.19 -0.37	27.78 0.11 -0.34	28.15 -0.51 -0.25	29.77 -0.70 -0.15	29.25 -0.84 -0.21	27.81 -0.45 -0.33	27.26 -0.22 -0.51	14.59 -0.31 -1.42	19.20 -0.78 -1.29	17.11 -0.84 -1.90	19.65 -0.80 -1.49	8.90 -0.60 -1.79	9.13 -0.71 -1.72	6.29 -0.44 -1.71	6.76 -0.46 -1.44	5.23 -0.33 -1.39
SITHE____OGDNSBRG 24021	24.27 -0.50 -0.96	23.81 -0.51 -0.96	21.76 -0.49 -0.83	22.29 -0.26 -0.73	24.04 -0.29 -0.52	24.09 -0.05 -0.75	26.48 0.20 -0.65	25.43 0.39 -0.63	28.25 0.60 -0.43	28.25 0.52 -0.40	28.50 -0.20 -0.29	30.10 -0.39 -0.17	29.56 -0.57 -0.25	28.14 -0.17 -0.38	27.61 0.05 -0.60	14.94 -0.19 -1.66	19.60 -0.60 -1.50	17.62 -0.64 -2.22	20.14 -0.55 -1.74	9.29 -0.52 -2.09	9.51 -0.62 -2.01	6.63 -0.38 -2.00	7.08 -0.39 -1.68	5.52 -0.27 -1.62
SITHE____STERLING 23777	26.60 0.52 -2.27	26.17 0.54 -2.27	23.89 0.51 -1.96	24.05 0.50 -1.72	25.59 0.55 -1.24	25.72 0.56 -1.77	27.78 0.61 -1.55	26.56 0.66 -1.49	28.95 0.71 -1.01	28.96 0.68 -0.94	29.76 0.65 -0.70	31.40 0.67 -0.41	31.09 0.63 -0.59	29.43 0.59 -0.91	28.97 0.59 -1.42	17.71 0.31 -3.92	22.70 0.45 -3.55	21.70 0.40 -5.25	23.49 0.42 -4.13	12.83 0.17 -4.95	13.06 0.18 -4.76	9.84 0.10 -4.73	9.88 0.11 -3.99	8.09 0.10 -3.83
SLEIGHT__34_KV_TB1 80719	27.98 -0.12 -4.29	27.56 -0.09 -4.29	25.02 -0.11 -3.70	24.95 -0.13 -3.26	25.98 -0.17 -2.34	26.52 -0.21 -3.34	28.34 -0.20 -2.92	26.93 -0.29 -2.81	28.68 -0.46 -1.91	28.64 -0.46 -1.78	29.33 -0.40 -1.32	30.73 -0.36 -0.77	30.69 -0.30 -1.12	29.34 -0.31 -1.72	29.29 -0.35 -2.69	20.75 -0.13 -7.41	25.31 -0.11 -6.72	25.92 -0.05 -9.92	26.64 -0.11 -7.80	17.08 0.00 -9.36	17.13 0.02 -9.00	13.96 0.00 -8.95	13.31 -0.02 -7.54	11.43 0.02 -7.24
SOUTH CAIRO____GT 23612	46.95 1.53 -21.61	46.56 1.57 -21.63	41.41 1.33 -18.66	39.60 1.35 -16.42	37.15 1.55 -11.80	41.75 1.52 -16.83	42.07 1.72 -14.74	40.06 1.46 -14.18	38.51 1.63 -9.65	37.73 1.45 -8.95	36.56 1.50 -6.65	35.71 1.49 -3.90	37.02 1.52 -5.62	38.00 1.40 -8.68	41.90 1.40 -13.54	51.62 0.79 -37.34	53.69 1.10 -33.89	67.15 1.09 -50.01	59.51 1.23 -39.33	55.38 0.47 -47.20	53.97 0.49 -45.36	50.37 0.26 -45.10	44.05 0.26 -38.01	40.85 0.18 -36.50

SOUTH HAMPTN___IC 23720	45.49 2.81 -18.86	44.88 2.64 -18.88	40.15 2.44 -16.29	38.63 2.47 -14.34	36.77 2.67 -10.30	40.74 2.64 -14.70	41.35 2.87 -12.87	39.67 2.88 -12.38	38.95 3.29 -8.43	38.52 3.36 -7.82	41.84 3.32 -10.11	42.79 3.55 -8.92	48.47 3.52 -15.07	48.70 3.29 -17.48	51.84 3.21 -21.67	55.61 1.60 -40.53	72.88 2.36 -51.82	82.93 2.04 -64.84	76.00 2.65 -54.40	67.10 1.00 -58.40	55.89 1.01 -46.77	50.63 0.61 -45.01	39.71 0.74 -33.18	36.50 0.48 -31.86
SOUTHDOW_115KV_TB1 355954	29.30 0.17 -5.32	28.94 0.26 -5.32	26.18 0.17 -4.59	26.09 0.22 -4.04	26.95 0.24 -2.90	27.61 0.07 -4.14	29.29 0.05 -3.63	27.75 -0.15 -3.49	29.17 -0.44 -2.37	29.02 -0.52 -2.20	29.84 -0.20 -1.64	31.01 -0.27 -0.96	30.96 -0.30 -1.38	29.64 -0.42 -2.14	29.62 -0.67 -3.33	22.34 -0.32 -9.19	26.60 -0.43 -8.34	28.00 -0.35 -12.30	28.17 -0.45 -9.67	19.22 -0.10 -11.61	19.21 -0.06 -11.16	16.09 -0.02 -11.09	15.13 -0.01 -9.35	13.20 0.05 -8.98
SOUTHOLD_69_KV_BK 2 55809	45.88 3.21 -18.86	45.25 3.01 -18.87	40.49 2.78 -16.28	38.97 2.82 -14.33	37.15 3.05 -10.29	41.10 3.02 -14.69	41.78 3.30 -12.86	40.08 3.30 -12.37	39.43 3.78 -8.42	39.04 3.88 -7.82	42.35 3.83 -10.11	43.34 4.09 -8.92	49.06 4.12 -15.07	49.23 3.83 -17.48	52.35 3.72 -21.67	55.86 1.85 -40.53	73.23 2.71 -51.82	83.26 2.38 -64.84	76.40 3.05 -54.40	67.26 1.15 -58.40	56.05 1.16 -46.77	50.72 0.70 -45.01	39.80 0.84 -33.18	36.56 0.55 -31.85
SOUTHOLD___IC 23719	45.89 3.21 -18.86	45.26 3.02 -18.88	40.49 2.78 -16.29	38.98 2.82 -14.34	37.16 3.05 -10.30	41.11 3.02 -14.70	41.79 3.31 -12.87	40.09 3.29 -12.38	39.44 3.78 -8.43	39.04 3.88 -7.82	42.35 3.83 -10.11	43.34 4.09 -8.92	49.07 4.12 -15.07	49.23 3.83 -17.48	52.35 3.72 -21.67	55.86 1.85 -40.53	73.25 2.73 -51.82	83.26 2.37 -64.84	76.40 3.05 -54.40	67.26 1.15 -58.40	56.05 1.16 -46.77	50.72 0.70 -45.01	39.80 0.84 -33.18	36.57 0.55 -31.86
SOUTH_FORK_WT_PWR 323839	45.96 3.29 -18.86	45.30 3.06 -18.88	40.56 2.85 -16.29	39.05 2.88 -14.34	37.20 3.09 -10.30	41.16 3.06 -14.70	41.84 3.35 -12.87	40.14 3.34 -12.38	39.50 3.84 -8.43	39.09 3.94 -7.82	42.41 3.89 -10.11	43.43 4.19 -8.92	49.12 4.18 -15.07	49.28 3.88 -17.48	52.40 3.77 -21.67	55.88 1.87 -40.53	73.29 2.77 -51.82	83.29 2.41 -64.84	76.49 3.15 -54.40	67.27 1.16 -58.40	56.06 1.18 -46.77	50.73 0.71 -45.01	39.82 0.85 -33.18	36.58 0.55 -31.86
SPIERFLS_115KV_TB 1 80737	48.85 1.60 -23.44	48.46 1.64 -23.46	43.10 1.44 -20.24	41.08 1.44 -17.81	38.08 1.48 -12.80	43.11 1.45 -18.26	43.27 1.67 -15.98	41.38 1.59 -15.38	39.55 1.85 -10.47	38.79 1.75 -9.71	37.38 1.76 -7.21	36.34 1.79 -4.23	37.82 1.85 -6.10	39.05 1.70 -9.42	43.24 1.59 -14.69	54.35 0.36 -40.51	55.94 0.49 -36.76	70.79 0.50 -54.25	62.18 0.57 -42.66	59.09 0.19 -51.20	57.51 0.19 -49.20	54.03 0.10 -48.92	47.12 0.11 -41.23	44.00 0.24 -39.59
ST LAWRENCE___ 23600	23.40 -1.19 -0.77	22.95 -1.19 -0.77	20.97 -1.11 -0.67	21.54 -0.87 -0.59	23.25 -0.98 -0.42	23.27 -0.73 -0.60	25.61 -0.54 -0.53	24.53 -0.39 -0.51	27.35 -0.22 -0.35	27.35 -0.30 -0.32	27.82 -0.82 -0.24	29.43 -1.03 -0.14	28.91 -1.17 -0.20	27.43 -0.81 -0.31	26.85 -0.59 -0.48	14.32 -0.50 -1.34	18.86 -1.05 -1.21	16.78 -1.06 -1.79	19.30 -1.06 -1.41	8.70 -0.70 -1.69	8.92 -0.82 -1.62	6.12 -0.51 -1.62	6.59 -0.56 -1.36	5.08 -0.40 -1.31
STATE_CA_115KV_115_LB 55624	47.25 0.50 -22.93	46.83 0.51 -22.95	41.67 0.45 -19.80	39.71 0.46 -17.43	36.83 0.50 -12.52	41.75 0.49 -17.87	41.85 0.59 -15.64	39.95 0.49 -15.05	38.10 0.63 -10.24	37.46 0.63 -9.50	36.18 0.71 -7.06	35.25 0.79 -4.14	36.59 0.75 -5.97	37.78 0.64 -9.21	41.95 0.62 -14.37	53.38 0.27 -39.63	55.04 0.37 -35.97	69.46 0.34 -53.08	61.05 0.36 -41.74	57.95 0.15 -50.09	56.42 0.15 -48.14	52.97 0.09 -47.86	46.22 0.10 -40.34	42.96 0.06 -38.74
STATE_ST_34_KV_LOAD 55959	28.34 0.17 -4.36	27.87 0.14 -4.37	25.32 0.13 -3.77	25.25 0.11 -3.31	26.33 0.14 -2.38	26.93 0.14 -3.40	28.75 0.15 -2.97	27.44 0.17 -2.86	29.28 0.11 -1.95	29.22 0.08 -1.81	29.86 0.11 -1.34	31.29 0.18 -0.79	31.22 0.21 -1.13	29.87 0.20 -1.75	29.88 0.19 -2.73	21.15 0.13 -7.54	25.78 0.24 -6.84	26.42 0.27 -10.10	27.31 0.42 -7.94	17.38 0.14 -9.53	17.42 0.15 -9.16	14.20 0.08 -9.10	13.53 0.08 -7.67	11.59 0.06 -7.37
STATION 5_MISC_HYD 23604	28.18 0.00 -4.37	27.83 0.09 -4.37	25.21 0.02 -3.77	25.15 0.00 -3.32	26.14 -0.05 -2.38	26.68 -0.12 -3.40	28.49 -0.10 -2.98	26.96 -0.32 -2.87	28.60 -0.57 -1.95	28.62 -0.52 -1.81	29.33 -0.43 -1.34	30.68 -0.42 -0.79	30.65 -0.36 -1.14	29.32 -0.36 -1.75	29.26 -0.43 -2.74	20.86 -0.16 -7.55	25.38 -0.17 -6.85	26.06 -0.10 -10.11	26.77 -0.13 -7.95	17.25 0.00 -9.54	17.31 0.02 -9.17	14.15 0.02 -9.11	13.48 0.01 -7.68	11.59 0.05 -7.38
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	28.34 0.19 -4.34	27.94 0.23 -4.34	25.34 0.17 -3.75	25.28 0.15 -3.30	26.32 0.14 -2.37	26.85 0.07 -3.38	28.68 0.10 -2.96	27.28 0.02 -2.85	29.00 -0.16 -1.94	28.99 -0.14 -1.80	29.69 -0.06 -1.34	31.07 -0.03 -0.78	31.00 0.00 -1.13	29.67 0.00 -1.74	29.62 -0.05 -2.72	20.99 0.01 -7.50	25.58 0.07 -6.80	26.22 0.13 -10.04	26.94 0.09 -7.90	17.27 0.08 -9.48	17.34 0.11 -9.11	14.13 0.06 -9.06	13.46 0.05 -7.63	11.56 0.07 -7.33
STA_56_34_KV_BUS2_REV_LBMP_B 345033	28.04 -0.12 -4.35	27.67 -0.05 -4.35	25.09 -0.09 -3.75	25.02 -0.11 -3.30	26.04 -0.14 -2.37	26.52 -0.26 -3.39	28.35 -0.23 -2.96	26.85 -0.41 -2.85	28.51 -0.65 -1.94	28.51 -0.63 -1.80	29.23 -0.51 -1.34	30.59 -0.52 -0.78	30.53 -0.48 -1.13	29.23 -0.45 -1.75	29.17 -0.51 -2.72	20.79 -0.20 -7.51	25.29 -0.22 -6.82	25.96 -0.14 -10.06	26.65 -0.21 -7.91	17.17 -0.04 -9.49	17.24 -0.01 -9.13	14.08 -0.01 -9.07	13.41 -0.02 -7.65	11.54 0.03 -7.34
STA_56___34_KV_BUS2 355983	28.04 -0.12 -4.35	27.67 -0.05 -4.35	25.09 -0.09 -3.75	25.02 -0.11 -3.30	26.04 -0.14 -2.37	26.52 -0.26 -3.39	28.35 -0.23 -2.96	26.85 -0.41 -2.85	28.51 -0.65 -1.94	28.51 -0.63 -1.80	29.23 -0.51 -1.34	30.59 -0.52 -0.78	30.53 -0.48 -1.13	29.23 -0.45 -1.75	29.17 -0.51 -2.72	20.79 -0.20 -7.51	25.29 -0.22 -6.82	25.96 -0.14 -10.06	26.65 -0.21 -7.91	17.17 -0.04 -9.49	17.24 -0.01 -9.13	14.08 -0.01 -9.07	13.41 -0.02 -7.65	11.54 0.03 -7.34
STA_67___115KV_BK2 355882	28.13 -0.05 -4.36	27.78 0.05 -4.37	25.17 -0.02 -3.77	25.12 -0.02 -3.32	26.14 -0.05 -2.38	26.63 -0.16 -3.40	28.44 -0.15 -2.98	26.91 -0.37 -2.86	28.58 -0.60 -1.95	28.54 -0.60 -1.81	29.27 -0.48 -1.34	30.62 -0.49 -0.79	30.59 -0.42 -1.14	29.26 -0.42 -1.75	29.21 -0.49 -2.73	20.83 -0.19 -7.54	25.34 -0.21 -6.84	26.00 -0.14 -10.10	26.70 -0.19 -7.94	17.22 -0.02 -9.53	17.29 0.01 -9.16	14.13 0.01 -9.11	13.46 0.00 -7.68	11.58 0.04 -7.37
STA_7___115KV_9TRANS 80674	28.30 0.12 -4.37	27.92 0.19 -4.37	25.30 0.11 -3.77	25.23 0.09 -3.32	26.26 0.07 -2.38	26.75 -0.05 -3.40	28.59 0.00 -2.98	27.06 -0.22 -2.87	28.74 -0.44 -1.95	28.73 -0.41 -1.81	29.47 -0.28 -1.34	30.84 -0.27 -0.79	30.80 -0.21 -1.14	29.46 -0.22 -1.75	29.40 -0.30 -2.74	20.93 -0.09 -7.55	25.47 -0.07 -6.85	26.15 0.00 -10.11	26.88 -0.02 -7.95	17.29 0.04 -9.54	17.36 0.07 -9.17	14.17 0.04 -9.11	13.50 0.03 -7.68	11.61 0.07 -7.38

STA_82___115KV_TB1 80780	28.17 -0.02 -4.38	27.79 0.05 -4.38	25.20 0.00 -3.78	25.13 -0.02 -3.33	26.15 -0.05 -2.39	26.66 -0.14 -3.41	28.47 -0.13 -2.98	26.94 -0.34 -2.87	28.58 -0.60 -1.95	28.57 -0.57 -1.81	29.30 -0.45 -1.35	30.66 -0.45 -0.79	30.60 -0.42 -1.14	29.27 -0.42 -1.76	29.22 -0.49 -2.74	20.86 -0.18 -7.56	25.37 -0.19 -6.86	26.05 -0.13 -10.13	26.74 -0.17 -7.96	17.25 -0.02 -9.56	17.31 0.01 -9.19	14.15 0.01 -9.13	13.49 0.01 -7.70	11.61 0.05 -7.39
STEEL___WIND 323596	28.52 -0.40 -5.11	28.20 -0.28 -5.12	25.54 -0.30 -4.42	25.45 -0.26 -3.89	26.29 -0.31 -2.79	26.91 -0.47 -3.98	28.54 -0.56 -3.49	26.86 -0.90 -3.36	28.23 -1.28 -2.28	28.14 -1.31 -2.12	28.87 -1.11 -1.57	30.12 -1.12 -0.92	30.10 -1.10 -1.33	28.84 -1.15 -2.05	28.90 -1.27 -3.20	21.76 -0.55 -8.84	25.97 -0.75 -8.02	27.24 -0.64 -11.83	27.46 -0.80 -9.31	18.67 -0.22 -11.17	18.65 -0.20 -10.73	15.58 -0.10 -10.67	14.68 -0.09 -8.99	12.80 0.00 -8.64
STEPHTWN_115KV_BK_2 55603	47.19 0.67 -22.71	46.79 0.70 -22.72	41.63 0.60 -19.61	39.67 0.59 -17.26	36.87 0.67 -12.40	41.74 0.66 -17.69	41.90 0.79 -15.48	40.02 0.71 -14.90	38.24 0.87 -10.14	37.61 0.87 -9.40	36.36 0.97 -6.99	35.42 1.00 -4.10	36.71 0.93 -5.91	37.86 0.81 -9.12	41.97 0.78 -14.23	53.10 0.38 -39.24	54.81 0.50 -35.61	69.07 0.47 -52.55	60.79 0.51 -41.32	57.52 0.21 -49.60	56.00 0.21 -47.67	52.53 0.13 -47.39	45.86 0.13 -39.94	42.60 0.08 -38.35
STEBEN_REC_LFGE 323667	30.35 0.45 -6.08	29.92 0.47 -6.09	27.08 0.41 -5.25	26.87 0.41 -4.62	27.58 0.45 -3.32	28.53 0.40 -4.74	30.18 0.41 -4.15	28.67 0.27 -3.99	30.00 0.05 -2.72	29.83 -0.03 -2.52	30.36 0.09 -1.87	31.57 0.15 -1.10	31.61 0.15 -1.58	30.40 0.03 -2.44	30.66 -0.11 -3.81	24.00 0.01 -10.51	28.30 0.06 -9.54	30.19 0.06 -14.08	30.06 0.04 -11.07	21.08 0.08 -13.29	20.99 0.10 -12.77	17.77 0.06 -12.70	16.55 0.06 -10.70	14.53 0.08 -10.28
STILLWATER___SOLAR 323814	48.42 1.29 -23.32	48.04 1.33 -23.34	42.74 1.18 -20.14	40.75 1.20 -17.72	37.80 1.26 -12.73	42.80 1.24 -18.17	42.90 1.38 -15.90	41.01 1.29 -15.31	39.14 1.50 -10.42	38.44 1.45 -9.66	37.09 1.50 -7.18	36.08 1.55 -4.21	37.52 1.58 -6.07	38.77 1.48 -9.37	43.00 1.43 -14.61	54.36 0.58 -40.30	56.06 0.79 -36.58	70.76 0.74 -53.98	62.23 0.83 -42.44	58.98 0.32 -50.94	57.41 0.33 -48.96	53.89 0.20 -48.67	47.02 0.21 -41.02	43.76 0.20 -39.39
STONY___BROOK 24151	45.01 2.34 -18.86	44.42 2.17 -18.88	39.72 2.01 -16.29	38.20 2.03 -14.34	36.32 2.21 -10.30	40.27 2.18 -14.70	40.84 2.36 -12.87	39.16 2.37 -12.38	38.38 2.72 -8.43	37.92 2.76 -7.82	41.27 2.75 -10.11	42.16 2.91 -8.92	47.81 2.87 -15.07	48.11 2.71 -17.48	51.27 2.64 -21.67	55.33 1.32 -40.53	72.47 1.94 -51.82	82.56 1.67 -64.84	75.51 2.16 -54.40	66.93 0.83 -58.40	55.71 0.83 -46.77	50.53 0.51 -45.01	39.58 0.62 -33.18	36.43 0.40 -31.86
STURGEON_POOL_HYD 23609	44.27 0.88 -19.58	43.80 0.84 -19.59	39.10 0.77 -16.90	37.49 0.79 -14.88	35.37 0.88 -10.69	39.49 0.84 -15.25	39.81 0.85 -13.35	38.09 0.83 -12.85	36.92 0.95 -8.74	36.40 0.96 -8.11	35.45 1.02 -6.03	34.92 1.06 -3.53	36.07 1.11 -5.09	36.85 1.06 -7.86	40.25 1.02 -12.27	47.82 0.51 -33.83	50.15 0.75 -30.70	61.98 0.63 -45.31	55.32 0.74 -35.63	50.80 0.33 -42.76	49.56 0.35 -41.09	46.09 0.22 -40.85	40.47 0.25 -34.43	37.39 0.16 -33.06
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	42.43 0.86 -17.75	41.95 0.82 -17.77	37.50 0.75 -15.33	36.08 0.76 -13.49	34.33 0.83 -9.69	38.05 0.82 -13.83	38.57 0.85 -12.11	36.94 0.88 -11.65	36.16 1.01 -7.93	35.72 1.04 -7.35	34.95 1.08 -5.46	34.68 1.15 -3.21	35.66 1.17 -4.62	36.15 1.09 -7.13	39.11 1.02 -11.13	44.67 0.51 -30.68	47.31 0.77 -27.84	57.76 0.63 -41.09	52.00 0.74 -32.31	46.83 0.34 -38.78	45.74 0.35 -37.27	42.28 0.22 -37.05	37.27 0.25 -31.23	34.31 0.15 -29.99
SWANROAD_115KV_TB1 355699	27.75 -0.95 -4.89	27.51 -0.75 -4.89	24.89 -0.75 -4.22	24.82 -0.72 -3.72	25.67 -0.81 -2.67	26.25 -0.96 -3.81	27.80 -1.15 -3.33	26.06 -1.56 -3.21	27.45 -1.96 -2.18	27.36 -2.00 -2.02	28.07 -1.85 -1.51	29.32 -1.88 -0.88	29.27 -1.88 -1.27	28.05 -1.84 -1.96	28.05 -1.97 -3.06	21.05 -0.88 -8.45	25.17 -1.20 -7.67	26.32 -1.04 -11.32	26.58 -1.27 -8.90	17.99 -0.40 -10.68	17.99 -0.40 -10.26	15.01 -0.21 -10.20	14.16 -0.22 -8.60	12.35 -0.08 -8.26
SYNERGY___BIOGAS 323694	28.53 0.02 -4.69	28.22 0.16 -4.69	25.56 0.09 -4.05	25.46 0.07 -3.56	26.39 0.02 -2.56	26.93 -0.12 -3.65	28.69 -0.13 -3.20	27.05 -0.44 -3.08	28.56 -0.76 -2.10	28.51 -0.77 -1.94	29.25 -0.60 -1.44	30.53 -0.64 -0.85	30.53 -0.57 -1.22	29.22 -0.59 -1.88	29.17 -0.73 -2.94	21.30 -0.28 -8.11	25.72 -0.34 -7.36	26.70 -0.21 -10.86	27.18 -0.30 -8.54	17.93 -0.03 -10.25	17.97 0.01 -9.85	14.81 0.01 -9.79	14.04 0.01 -8.25	12.16 0.07 -7.92
SYRACUSE___ENERGY_ST1 323597	27.68 0.00 -3.87	27.21 -0.02 -3.87	24.76 0.00 -3.34	24.74 -0.02 -2.94	25.89 -0.02 -2.11	26.38 -0.02 -3.01	28.23 -0.03 -2.64	26.92 -0.02 -2.54	28.84 -0.11 -1.73	28.83 -0.11 -1.60	29.51 -0.09 -1.19	30.96 -0.06 -0.70	30.88 0.00 -1.01	29.45 -0.03 -1.55	29.35 -0.03 -2.42	20.19 0.03 -6.68	24.84 0.07 -6.06	25.09 0.10 -8.95	26.06 0.08 -7.04	16.21 0.05 -8.44	16.30 0.06 -8.12	13.12 0.04 -8.07	12.61 0.03 -6.80	10.72 0.03 -6.53
SYRACUSE___ENERGY_ST2 323598	27.68 0.00 -3.87	27.21 -0.02 -3.87	24.76 0.00 -3.34	24.74 -0.02 -2.94	25.89 -0.02 -2.11	26.38 -0.02 -3.01	28.23 -0.03 -2.64	26.92 -0.02 -2.54	28.84 -0.11 -1.73	28.83 -0.11 -1.60	29.51 -0.09 -1.19	30.96 -0.06 -0.70	30.88 0.00 -1.01	29.45 -0.03 -1.55	29.35 -0.03 -2.42	20.19 0.03 -6.68	24.84 0.07 -6.06	25.09 0.10 -8.95	26.06 0.08 -7.04	16.21 0.05 -8.44	16.30 0.06 -8.12	13.12 0.04 -8.07	12.61 0.03 -6.80	10.72 0.03 -6.53
SYRACUSE___POWER 24017	27.71 -0.05 -3.94	27.24 -0.07 -3.94	24.76 -0.06 -3.40	24.73 -0.09 -2.99	25.86 -0.10 -2.15	26.39 -0.07 -3.07	28.20 -0.10 -2.69	26.90 -0.10 -2.58	28.82 -0.16 -1.76	28.80 -0.16 -1.63	29.48 -0.14 -1.21	30.91 -0.12 -0.71	30.81 -0.09 -1.02	29.43 -0.08 -1.58	29.35 -0.08 -2.47	20.28 0.00 -6.81	24.91 0.04 -6.18	25.23 0.06 -9.12	26.16 0.04 -7.17	16.35 0.04 -8.60	16.44 0.05 -8.27	13.26 0.03 -8.22	12.73 0.02 -6.93	10.84 0.02 -6.65
TALLMAN___138KV_BK151 55660	42.96 0.98 -18.17	42.46 0.91 -18.18	37.94 0.84 -15.69	36.49 0.85 -13.81	34.65 0.93 -9.92	38.46 0.91 -14.15	38.95 0.95 -12.39	37.33 1.00 -11.92	36.48 1.14 -8.11	36.03 1.18 -7.52	35.25 1.25 -5.59	34.90 1.30 -3.28	35.92 1.31 -4.73	36.45 1.23 -7.30	39.50 1.16 -11.38	45.44 0.57 -31.40	48.03 0.84 -28.49	58.80 0.71 -42.05	52.87 0.85 -33.06	47.77 0.38 -39.68	46.65 0.39 -38.14	43.18 0.25 -37.91	38.03 0.29 -31.95	35.03 0.17 -30.69
TEALLAVE_115KV_TB7 355573	27.24 -0.14 -3.57	26.80 -0.14 -3.57	24.38 -0.13 -3.08	24.39 -0.15 -2.71	25.59 -0.17 -1.95	26.01 -0.16 -2.78	27.87 -0.18 -2.44	26.56 -0.20 -2.34	28.55 -0.27 -1.60	28.54 -0.27 -1.48	29.25 -0.26 -1.10	30.72 -0.24 -0.64	30.60 -0.21 -0.93	29.17 -0.20 -1.43	29.01 -0.19 -2.24	19.59 -0.05 -6.17	24.26 -0.04 -5.60	24.30 -0.02 -8.26	25.41 -0.04 -6.50	15.52 0.01 -7.80	15.63 0.02 -7.50	12.47 0.01 -7.45	12.06 -0.01 -6.28	10.20 0.00 -6.03

TELGRAPH_34_KV_EAST 80808	28.22 -0.36 -4.77	27.95 -0.19 -4.77	25.28 -0.26 -4.12	25.23 -0.22 -3.62	26.12 -0.29 -2.60	26.66 -0.44 -3.71	28.36 -0.51 -3.25	26.66 -0.88 -3.13	28.13 -1.23 -2.13	28.08 -1.23 -1.97	28.79 -1.08 -1.47	30.09 -1.09 -0.86	30.04 -1.08 -1.24	28.78 -1.06 -1.91	28.76 -1.19 -2.99	21.20 -0.51 -8.24	25.52 -0.65 -7.48	26.53 -0.55 -11.03	26.93 -0.70 -8.68	17.95 -0.18 -10.41	17.97 -0.15 -10.01	14.88 -0.08 -9.94	14.09 -0.08 -8.38	12.23 0.01 -8.05
TEMPLE___115KV_TB 2 55572	27.30 -0.12 -3.61	26.83 -0.14 -3.61	24.43 -0.11 -3.11	24.44 -0.13 -2.74	25.63 -0.14 -1.97	26.06 -0.14 -2.81	27.90 -0.18 -2.46	26.61 -0.17 -2.37	28.56 -0.27 -1.61	28.55 -0.27 -1.49	29.29 -0.23 -1.11	30.76 -0.21 -0.65	30.63 -0.18 -0.94	29.21 -0.17 -1.45	29.06 -0.16 -2.26	19.67 -0.04 -6.23	24.33 -0.02 -5.66	24.39 0.00 -8.35	25.49 -0.02 -6.56	15.60 0.02 -7.88	15.70 0.02 -7.57	12.55 0.01 -7.53	12.13 0.00 -6.34	10.27 0.01 -6.09
TIANA___69_KV_BK 1 55817	45.38 2.71 -18.86	44.78 2.55 -18.87	40.06 2.36 -16.28	38.54 2.38 -14.33	36.67 2.57 -10.29	40.63 2.55 -14.69	41.24 2.77 -12.86	39.57 2.78 -12.37	38.83 3.19 -8.42	38.38 3.23 -7.82	41.73 3.21 -10.11	42.67 3.43 -8.92	48.35 3.41 -15.07	48.56 3.16 -17.48	51.70 3.07 -21.67	55.55 1.54 -40.53	72.78 2.26 -51.82	82.86 1.97 -64.84	75.93 2.58 -54.40	67.07 0.96 -58.40	55.86 0.97 -46.77	50.61 0.59 -45.01	39.68 0.72 -33.18	36.48 0.47 -31.85
TILDEN___115KV_TB1 80814	27.71 -0.05 -3.94	27.24 -0.07 -3.94	24.76 -0.06 -3.40	24.73 -0.09 -2.99	25.86 -0.10 -2.15	26.39 -0.07 -3.07	28.20 -0.10 -2.69	26.90 -0.10 -2.58	28.82 -0.16 -1.76	28.80 -0.16 -1.63	29.48 -0.14 -1.21	30.91 -0.12 -0.71	30.81 -0.09 -1.02	29.43 -0.08 -1.58	29.35 -0.08 -2.47	20.28 0.00 -6.81	24.91 0.04 -6.18	25.23 0.06 -9.12	26.16 0.04 -7.17	16.35 0.04 -8.60	16.44 0.05 -8.27	13.26 0.03 -8.22	12.73 0.02 -6.93	10.84 0.02 -6.65
TRIGEN___CC 323695	44.29 1.62 -18.86	43.78 1.54 -18.87	39.14 1.44 -16.28	37.62 1.46 -14.33	35.67 1.57 -10.29	39.65 1.57 -14.69	40.11 1.64 -12.86	38.45 1.66 -12.37	37.55 1.91 -8.42	37.04 1.89 -7.82	40.45 1.93 -10.11	41.28 2.03 -8.92	46.91 1.97 -15.07	47.25 1.84 -17.48	50.41 1.78 -21.67	54.87 0.86 -40.53	71.77 1.25 -51.82	81.94 1.06 -64.84	74.69 1.35 -54.40	66.65 0.55 -58.39	55.44 0.55 -46.77	50.38 0.35 -45.01	39.39 0.43 -33.18	36.30 0.29 -31.85
TRINITY___115KV__ 4 BK 55933	47.00 0.43 -22.76	46.58 0.44 -22.77	41.46 0.39 -19.65	39.51 0.39 -17.29	36.66 0.43 -12.42	41.54 0.42 -17.73	41.65 0.51 -15.52	39.76 0.41 -14.93	37.91 0.52 -10.16	37.30 0.55 -9.42	36.01 0.60 -7.00	35.10 0.67 -4.11	36.42 0.63 -5.92	37.60 0.53 -9.14	41.70 0.49 -14.26	53.02 0.22 -39.32	54.68 0.30 -35.69	68.99 0.27 -52.66	60.67 0.30 -41.41	57.53 0.12 -49.70	56.01 0.12 -47.77	52.58 0.08 -47.49	45.89 0.08 -40.02	42.65 0.05 -38.43
UNION___PROCESSING_DRP 323587	28.17 -0.02 -4.38	27.82 0.07 -4.38	25.20 0.00 -3.78	25.15 0.00 -3.33	26.17 -0.02 -2.39	26.67 -0.14 -3.41	28.47 -0.13 -2.99	26.94 -0.34 -2.87	28.61 -0.57 -1.96	28.57 -0.57 -1.81	29.30 -0.45 -1.35	30.66 -0.45 -0.79	30.63 -0.39 -1.14	29.29 -0.39 -1.76	29.24 -0.46 -2.74	20.87 -0.18 -7.57	25.38 -0.19 -6.87	26.07 -0.11 -10.13	26.75 -0.17 -7.97	17.26 -0.02 -9.56	17.32 0.02 -9.19	14.16 0.01 -9.14	13.49 0.01 -7.70	11.61 0.05 -7.39
UPPER HUDSON___HYD 24058	48.85 1.60 -23.44	48.46 1.63 -23.46	43.10 1.44 -20.24	41.08 1.44 -17.81	38.08 1.48 -12.80	43.11 1.45 -18.26	43.27 1.66 -15.98	41.38 1.59 -15.38	39.55 1.85 -10.47	38.79 1.75 -9.71	37.38 1.76 -7.21	36.34 1.79 -4.23	37.83 1.85 -6.10	39.05 1.70 -9.42	43.24 1.59 -14.69	54.35 0.36 -40.51	55.92 0.47 -36.76	70.79 0.50 -54.25	62.18 0.57 -42.66	59.09 0.18 -51.20	57.51 0.19 -49.20	54.03 0.10 -48.92	47.12 0.11 -41.23	44.00 0.24 -39.59
UPPER RAQUET___HYD 24056	24.05 -0.81 -1.05	23.59 -0.82 -1.05	21.55 -0.77 -0.90	22.08 -0.54 -0.79	23.76 -0.62 -0.57	23.83 -0.38 -0.81	26.12 -0.21 -0.71	25.07 -0.02 -0.69	27.86 0.16 -0.47	27.85 0.08 -0.43	28.16 -0.57 -0.32	29.72 -0.79 -0.19	29.22 -0.93 -0.27	27.79 -0.56 -0.42	27.24 -0.38 -0.65	14.88 -0.40 -1.81	19.40 -0.93 -1.64	17.54 -0.93 -2.42	19.93 -0.93 -1.90	9.35 -0.65 -2.28	9.58 -0.73 -2.19	6.77 -0.43 -2.18	7.17 -0.46 -1.84	5.62 -0.32 -1.77
VALLEY44_115KV_TB2 355964	28.44 -0.76 -5.38	28.12 -0.63 -5.39	25.45 -0.62 -4.65	25.33 -0.59 -4.09	26.13 -0.62 -2.94	26.82 -0.77 -4.19	28.39 -0.90 -3.67	26.89 -1.05 -3.53	28.16 -1.47 -2.40	27.98 -1.59 -2.23	28.70 -1.36 -1.66	29.84 -1.46 -0.97	29.84 -1.43 -1.40	28.64 -1.45 -2.16	28.71 -1.62 -3.37	22.07 -0.71 -9.30	26.21 -0.93 -8.44	27.69 -0.82 -12.46	27.74 -1.00 -9.80	19.16 -0.31 -11.76	19.14 -0.28 -11.30	16.09 -0.16 -11.23	15.09 -0.16 -9.47	13.18 -0.08 -9.09
VALLEY___115KV_TB 1-4 80826	24.82 0.40 -0.60	24.36 0.40 -0.60	22.32 0.39 -0.52	22.65 0.37 -0.45	24.54 0.40 -0.33	24.26 0.44 -0.47	26.46 0.44 -0.41	25.24 0.44 -0.39	28.01 0.52 -0.27	28.10 0.52 -0.25	29.10 0.51 -0.18	30.91 0.49 -0.11	30.45 0.42 -0.16	28.53 0.36 -0.24	27.63 0.30 -0.37	14.59 0.08 -1.03	19.65 0.02 -0.94	17.42 -0.02 -1.38	19.95 -0.09 -1.09	8.99 -0.03 -1.31	9.34 -0.03 -1.26	6.25 -0.02 -1.25	6.83 -0.01 -1.05	5.18 0.00 -1.01
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	34.83 1.17 -9.85	34.41 1.19 -9.86	31.04 1.11 -8.51	30.43 1.11 -7.49	30.40 1.21 -5.38	32.24 1.17 -7.67	33.59 1.26 -6.72	32.22 1.34 -6.46	33.10 1.47 -4.40	32.92 1.50 -4.08	32.94 1.51 -3.03	33.68 1.58 -1.78	33.90 1.46 -2.56	33.28 1.40 -3.96	34.48 1.35 -6.17	31.19 0.69 -17.02	35.12 0.97 -15.45	39.71 0.87 -22.80	37.90 1.02 -17.93	29.63 0.40 -21.52	29.23 0.43 -20.68	25.83 0.26 -20.56	23.42 0.31 -17.33	21.03 0.22 -16.64
VISCHER___FERRY HYD 24020	47.73 0.93 -22.99	47.31 0.94 -23.01	42.11 0.83 -19.85	40.17 0.87 -17.47	37.28 0.93 -12.55	42.22 0.91 -17.91	42.32 1.03 -15.68	40.43 0.93 -15.09	38.59 1.09 -10.27	37.92 1.06 -9.52	36.62 1.14 -7.08	35.65 1.18 -4.15	37.05 1.20 -5.98	38.28 1.12 -9.23	42.41 1.05 -14.41	53.68 0.47 -39.73	55.42 0.67 -36.05	69.85 0.59 -53.21	61.45 0.66 -41.84	58.19 0.27 -50.21	56.65 0.28 -48.26	53.16 0.17 -47.98	46.41 0.19 -40.43	43.14 0.15 -38.83
V_A_10_SYNC_DSASP 323832	28.03 -0.40 -4.62	27.71 -0.28 -4.62	25.09 -0.32 -3.99	25.03 -0.31 -3.51	25.97 -0.36 -2.52	26.53 -0.47 -3.60	28.23 -0.54 -3.15	26.56 -0.88 -3.03	28.04 -1.25 -2.06	27.99 -1.26 -1.91	28.72 -1.11 -1.42	30.03 -1.12 -0.83	29.97 -1.10 -1.20	28.69 -1.09 -1.86	28.67 -1.19 -2.89	20.96 -0.50 -7.98	25.27 -0.67 -7.24	26.16 -0.58 -10.69	26.64 -0.72 -8.40	17.61 -0.19 -10.09	17.63 -0.18 -9.69	14.57 -0.09 -9.64	13.82 -0.09 -8.12	11.97 0.00 -7.80
V_CMM_10_SYNC_DSASP 323787	23.49 -1.10 -0.77	23.04 -1.10 -0.77	21.06 -1.03 -0.67	21.63 -0.78 -0.59	23.35 -0.88 -0.42	23.37 -0.63 -0.60	25.71 -0.44 -0.53	24.63 -0.29 -0.51	27.46 -0.11 -0.35	27.46 -0.19 -0.32	27.94 -0.71 -0.24	29.55 -0.91 -0.14	29.03 -1.05 -0.20	27.54 -0.70 -0.31	26.96 -0.48 -0.48	14.37 -0.44 -1.34	18.94 -0.97 -1.21	16.84 -0.99 -1.79	19.37 -0.99 -1.41	8.73 -0.67 -1.69	8.96 -0.79 -1.62	6.14 -0.49 -1.62	6.61 -0.53 -1.36	5.10 -0.38 -1.31

V_CMP_10_SYNC_DSASP 323788	23.89 -0.69 -0.77	23.46 -0.68 -0.77	21.45 -0.64 -0.67	22.06 -0.35 -0.59	23.87 -0.36 -0.42	23.93 -0.07 -0.60	26.40 0.26 -0.53	25.31 0.39 -0.51	28.25 0.68 -0.34	28.25 0.60 -0.32	28.82 0.17 -0.24	30.49 0.03 -0.14	29.96 -0.12 -0.20	28.35 0.11 -0.31	27.74 0.30 -0.48	14.73 -0.08 -1.33	19.40 -0.50 -1.21	17.19 -0.64 -1.79	19.81 -0.55 -1.40	8.84 -0.56 -1.69	9.04 -0.70 -1.62	6.17 -0.46 -1.61	6.65 -0.49 -1.36	5.12 -0.35 -1.30
V_D_10_SYNC_DSASP 323841	27.73 -0.98 -4.90	27.50 -0.77 -4.90	24.88 -0.77 -4.23	24.81 -0.74 -3.72	25.65 -0.83 -2.67	26.23 -0.98 -3.82	27.78 -1.18 -3.34	25.99 -1.64 -3.21	27.37 -2.04 -2.19	27.28 -2.08 -2.03	27.98 -1.93 -1.51	29.20 -2.00 -0.88	29.18 -1.97 -1.27	27.97 -1.93 -1.97	27.98 -2.05 -3.07	21.03 -0.92 -8.46	25.11 -1.27 -7.68	26.28 -1.11 -11.34	26.52 -1.35 -8.91	17.98 -0.43 -10.70	17.98 -0.42 -10.28	14.97 -0.23 -10.18	14.13 -0.23 -8.58	12.37 -0.07 -8.27
V_E_10_SYNC_DSASP 323830	33.34 1.79 -7.74	32.91 1.80 -7.75	29.80 1.69 -6.69	29.37 1.66 -5.88	29.87 1.83 -4.23	31.23 1.80 -6.03	32.82 1.92 -5.28	31.59 2.10 -5.08	32.81 2.13 -3.46	32.62 2.08 -3.21	32.84 2.05 -2.38	33.84 2.12 -1.40	33.83 1.94 -2.01	32.94 1.90 -3.11	33.64 1.83 -4.85	27.83 0.97 -13.38	32.30 1.46 -12.14	35.29 1.32 -17.92	34.52 1.48 -14.09	25.20 0.57 -16.91	24.97 0.59 -16.26	21.51 0.34 -16.16	19.80 0.39 -13.62	17.56 0.31 -13.08
V_F_30_NSYNC_DSASP 323816	48.52 1.33 -23.37	48.11 1.35 -23.39	42.80 1.20 -20.19	40.81 1.22 -17.76	37.85 1.28 -12.76	42.87 1.26 -18.21	42.96 1.41 -15.94	41.09 1.34 -15.34	39.19 1.52 -10.44	38.52 1.50 -9.68	37.16 1.56 -7.20	36.15 1.61 -4.22	37.60 1.64 -6.08	38.82 1.51 -9.39	43.09 1.48 -14.65	54.48 0.61 -40.39	56.18 0.82 -36.66	70.92 0.77 -54.10	62.36 0.87 -42.54	59.10 0.33 -51.05	57.54 0.35 -49.07	54.00 0.20 -48.78	47.12 0.23 -41.11	43.85 0.20 -39.48
V_F_30_SYNC_DSASP 323786	47.23 0.50 -22.92	46.81 0.51 -22.94	41.66 0.45 -19.79	39.70 0.46 -17.42	36.82 0.50 -12.51	41.74 0.49 -17.86	41.84 0.59 -15.63	39.94 0.49 -15.04	38.09 0.63 -10.24	37.45 0.63 -9.49	36.17 0.71 -7.05	35.25 0.79 -4.14	36.58 0.75 -5.96	37.78 0.64 -9.21	41.91 0.59 -14.36	53.35 0.27 -39.61	55.01 0.37 -35.94	69.43 0.34 -53.04	61.02 0.36 -41.71	57.92 0.15 -50.06	56.38 0.15 -48.11	52.94 0.09 -47.83	46.20 0.10 -40.31	42.94 0.06 -38.71
V_XM_10_SYNC_DSASP 323789	23.89 -0.69 -0.77	23.46 -0.68 -0.77	21.45 -0.64 -0.67	22.06 -0.35 -0.59	23.87 -0.36 -0.42	23.93 -0.07 -0.60	26.40 0.26 -0.53	25.31 0.39 -0.51	28.25 0.68 -0.34	28.25 0.60 -0.32	28.82 0.17 -0.24	30.49 0.03 -0.14	29.96 -0.12 -0.20	28.35 0.11 -0.31	27.74 0.30 -0.48	14.73 -0.08 -1.33	19.40 -0.50 -1.21	17.19 -0.64 -1.79	19.81 -0.55 -1.40	8.84 -0.56 -1.69	9.04 -0.70 -1.62	6.17 -0.46 -1.61	6.65 -0.49 -1.36	5.12 -0.35 -1.30
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	43.12 1.05 -18.26	42.62 0.98 -18.28	38.09 0.90 -15.77	36.62 0.92 -13.88	34.78 1.00 -9.97	38.60 0.98 -14.23	39.09 1.02 -12.45	37.45 1.05 -11.98	36.61 1.23 -8.16	36.15 1.26 -7.56	35.36 1.34 -5.62	35.01 1.39 -3.30	36.03 1.40 -4.75	36.58 1.31 -7.34	39.64 1.24 -11.44	45.66 0.62 -31.56	48.25 0.92 -28.64	59.07 0.75 -42.26	53.09 0.91 -33.23	48.01 0.41 -39.89	46.87 0.41 -38.33	43.39 0.26 -38.11	38.21 0.31 -32.12	35.20 0.18 -30.84
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	43.76 1.10 -18.85	43.23 1.00 -18.86	38.66 0.96 -16.28	37.11 0.96 -14.32	35.14 1.05 -10.29	39.11 1.03 -14.69	39.52 1.05 -12.85	37.93 1.15 -12.37	37.01 1.36 -8.42	36.56 1.42 -7.81	35.69 1.48 -5.80	35.27 1.55 -3.40	36.30 1.52 -4.90	36.92 1.42 -7.57	40.15 1.37 -11.81	46.69 0.63 -32.58	49.19 0.93 -29.56	60.46 0.79 -43.63	54.20 0.95 -34.30	49.30 0.42 -41.17	48.10 0.41 -39.57	44.62 0.27 -39.34	39.26 0.32 -33.16	36.20 0.19 -31.84
W50THST__13_KV_LOAD 356117	43.85 1.19 -18.85	43.35 1.12 -18.86	38.75 1.05 -16.28	37.20 1.05 -14.32	35.24 1.14 -10.29	39.20 1.12 -14.69	39.62 1.15 -12.85	38.03 1.24 -12.37	37.12 1.47 -8.42	36.70 1.56 -7.81	35.83 1.62 -5.80	35.39 1.67 -3.40	36.42 1.64 -4.90	37.03 1.54 -7.57	40.28 1.51 -11.81	46.75 0.70 -32.58	49.29 1.03 -29.56	60.52 0.85 -43.63	54.30 1.04 -34.30	49.33 0.45 -41.17	48.14 0.45 -39.57	44.65 0.29 -39.34	39.28 0.34 -33.16	36.22 0.21 -31.84
WADING RIVER_IC_1 23522	45.20 2.52 -18.86	44.58 2.34 -18.88	39.87 2.16 -16.29	38.37 2.20 -14.34	36.49 2.38 -10.30	40.43 2.34 -14.70	41.02 2.54 -12.87	39.36 2.56 -12.38	38.60 2.94 -8.43	38.14 2.98 -7.82	41.47 2.95 -10.11	42.37 3.12 -8.92	48.05 3.11 -15.07	48.31 2.90 -17.48	51.46 2.83 -21.67	55.43 1.41 -40.53	72.62 2.09 -51.82	82.70 1.81 -64.84	75.70 2.35 -54.40	66.99 0.89 -58.40	55.78 0.89 -46.77	50.57 0.54 -45.01	39.63 0.67 -33.18	36.46 0.43 -31.86
WADING RIVER_IC_2 23547	45.20 2.52 -18.86	44.58 2.34 -18.88	39.87 2.16 -16.29	38.37 2.20 -14.34	36.49 2.38 -10.30	40.43 2.34 -14.70	41.02 2.54 -12.87	39.36 2.56 -12.38	38.60 2.94 -8.43	38.14 2.98 -7.82	41.47 2.95 -10.11	42.37 3.12 -8.92	48.05 3.11 -15.07	48.31 2.90 -17.48	51.46 2.83 -21.67	55.43 1.41 -40.53	72.62 2.09 -51.82	82.70 1.81 -64.84	75.70 2.35 -54.40	66.99 0.89 -58.40	55.78 0.89 -46.77	50.57 0.54 -45.01	39.63 0.67 -33.18	36.46 0.43 -31.86
WADING RIVER_IC_3 23601	45.20 2.52 -18.86	44.58 2.34 -18.88	39.87 2.16 -16.29	38.37 2.20 -14.34	36.49 2.38 -10.30	40.43 2.34 -14.70	41.02 2.54 -12.87	39.36 2.56 -12.38	38.60 2.94 -8.43	38.14 2.98 -7.82	41.47 2.95 -10.11	42.37 3.12 -8.92	48.05 3.11 -15.07	48.31 2.90 -17.48	51.46 2.83 -21.67	55.43 1.41 -40.53	72.62 2.09 -51.82	82.70 1.81 -64.84	75.70 2.35 -54.40	66.99 0.89 -58.40	55.78 0.89 -46.77	50.57 0.54 -45.01	39.63 0.67 -33.18	36.46 0.43 -31.86
WALDENNY_12_KV_BK2 80841	28.50 -0.40 -5.09	28.20 -0.26 -5.09	25.52 -0.30 -4.40	25.43 -0.26 -3.87	26.30 -0.29 -2.78	26.92 -0.44 -3.97	28.55 -0.54 -3.47	26.85 -0.90 -3.34	28.25 -1.25 -2.27	28.13 -1.31 -2.11	28.89 -1.08 -1.57	30.12 -1.12 -0.92	30.09 -1.11 -1.32	28.85 -1.12 -2.04	28.88 -1.27 -3.19	21.73 -0.54 -8.80	25.95 -0.73 -7.98	27.20 -0.63 -11.78	27.44 -0.78 -9.26	18.62 -0.21 -11.12	18.61 -0.19 -10.68	15.54 -0.10 -10.62	14.65 -0.09 -8.95	12.77 0.00 -8.60
WALDEN__HYDRO 24148	43.26 1.00 -18.45	42.76 0.94 -18.46	38.21 0.86 -15.93	36.72 0.87 -14.02	34.86 0.98 -10.07	38.71 0.94 -14.37	39.17 0.97 -12.58	37.52 1.00 -12.11	36.61 1.14 -8.24	36.12 1.15 -7.64	35.28 1.19 -5.68	34.87 1.21 -3.33	35.93 1.25 -4.80	36.54 1.20 -7.41	39.68 1.16 -11.56	45.94 0.58 -31.88	48.51 0.88 -28.93	59.50 0.75 -42.70	53.44 0.91 -33.58	48.40 0.39 -40.30	47.26 0.41 -38.73	43.77 0.25 -38.50	38.52 0.28 -32.45	35.51 0.18 -31.16
WARRENSBURG____ 23737	48.85 1.60 -23.44	48.46 1.63 -23.46	43.10 1.44 -20.24	41.08 1.44 -17.81	38.08 1.48 -12.80	43.11 1.45 -18.26	43.27 1.66 -15.98	41.38 1.59 -15.38	39.55 1.85 -10.47	38.79 1.75 -9.71	37.38 1.76 -7.21	36.34 1.79 -4.23	37.83 1.85 -6.10	39.05 1.70 -9.42	43.24 1.59 -14.69	54.35 0.36 -40.51	55.92 0.47 -36.76	70.79 0.50 -54.25	62.18 0.57 -42.66	59.09 0.18 -51.20	57.51 0.19 -49.20	54.03 0.10 -48.92	47.12 0.11 -41.23	44.00 0.24 -39.59

WATERSIDE___6 8 9 23538	43.90 1.24 -18.85	43.37 1.14 -18.87	38.79 1.09 -16.28	37.24 1.09 -14.32	35.26 1.17 -10.29	39.18 1.10 -14.69	39.52 1.05 -12.86	37.91 1.12 -12.37	36.98 1.33 -8.42	36.56 1.42 -7.81	35.72 1.51 -5.80	35.27 1.55 -3.40	36.30 1.52 -4.90	36.92 1.42 -7.57	40.17 1.40 -11.81	46.69 0.63 -32.58	49.24 0.97 -29.57	60.50 0.82 -43.63	54.26 1.00 -34.31	49.32 0.43 -41.18	48.12 0.42 -39.58	44.64 0.28 -39.34	39.27 0.33 -33.16	36.22 0.21 -31.84
WATKINRD_115KV_LN8_ILLION 55919	24.67 0.26 -0.60	24.22 0.26 -0.60	22.19 0.26 -0.52	22.54 0.26 -0.45	24.39 0.26 -0.33	24.14 0.28 -0.47	26.33 0.31 -0.41	25.12 0.32 -0.39	27.87 0.38 -0.27	27.96 0.38 -0.25	28.93 0.34 -0.18	30.76 0.33 -0.11	30.33 0.30 -0.16	28.42 0.25 -0.24	27.58 0.24 -0.37	14.59 0.08 -1.03	19.71 0.07 -0.94	17.48 0.05 -1.38	20.04 0.00 -1.09	9.02 0.00 -1.31	9.37 0.00 -1.26	6.27 0.00 -1.25	6.84 0.01 -1.05	5.19 0.01 -1.01
WATSON___69_KV_BK 1 55734	45.22 2.55 -18.86	44.62 2.38 -18.87	39.91 2.21 -16.28	38.36 2.20 -14.33	36.50 2.40 -10.29	40.45 2.36 -14.69	41.04 2.56 -12.86	39.35 2.56 -12.37	38.56 2.91 -8.42	38.14 2.98 -7.82	41.47 2.95 -10.11	42.37 3.12 -8.92	48.02 3.08 -15.07	48.31 2.90 -17.48	51.43 2.80 -21.67	55.43 1.42 -40.53	72.60 2.08 -51.82	82.69 1.80 -64.84	75.58 2.24 -54.40	66.99 0.89 -58.40	55.79 0.90 -46.77	50.57 0.55 -45.01	39.63 0.67 -33.18	36.45 0.44 -31.85
WDELAWARE___HYD 323627	41.61 0.43 -17.36	41.11 0.37 -17.38	36.76 0.34 -14.99	35.37 0.35 -13.20	33.71 0.43 -9.48	37.34 0.42 -13.53	37.84 0.38 -11.84	36.25 0.44 -11.40	35.50 0.52 -7.76	35.02 0.49 -7.19	34.26 0.51 -5.34	33.91 0.46 -3.14	34.96 0.57 -4.52	35.46 0.56 -6.97	38.41 0.57 -10.88	43.80 0.31 -30.01	46.43 0.51 -27.23	56.67 0.43 -40.19	51.14 0.59 -31.60	45.87 0.23 -37.93	44.81 0.24 -36.45	41.38 0.13 -36.24	36.48 0.15 -30.54	33.57 0.08 -29.33
WEST BABYLON___IC 23714	45.00 2.33 -18.86	44.43 2.20 -18.87	39.74 2.03 -16.28	38.21 2.05 -14.33	36.31 2.21 -10.29	40.28 2.20 -14.69	40.83 2.36 -12.86	39.15 2.37 -12.37	38.34 2.70 -8.42	37.89 2.73 -7.82	41.24 2.73 -10.11	42.12 2.88 -8.92	47.78 2.84 -15.07	48.06 2.65 -17.48	51.19 2.56 -21.67	55.29 1.28 -40.53	72.41 1.89 -51.82	82.51 1.62 -64.84	75.38 2.03 -54.40	66.92 0.81 -58.39	55.70 0.82 -46.77	50.53 0.51 -45.01	39.58 0.62 -33.18	36.42 0.40 -31.85
WEST CANADA___HYD 24049	24.39 -0.02 -0.60	23.96 0.00 -0.60	21.94 0.00 -0.52	22.28 0.00 -0.45	24.13 0.00 -0.33	23.86 0.00 -0.47	26.05 0.03 -0.41	24.83 0.02 -0.39	27.55 0.05 -0.27	27.64 0.05 -0.25	28.62 0.03 -0.18	30.46 0.03 -0.11	30.03 0.00 -0.16	28.17 0.00 -0.24	27.33 0.00 -0.37	14.50 -0.01 -1.03	19.60 -0.04 -0.94	17.38 -0.05 -1.38	19.98 -0.06 -1.09	8.98 -0.04 -1.31	9.33 -0.05 -1.26	6.24 -0.02 -1.25	6.81 -0.03 -1.05	5.16 -0.02 -1.01
WESTERN_NY_WIND 24143	28.53 0.00 -4.72	28.23 0.14 -4.72	25.54 0.04 -4.08	25.48 0.07 -3.59	26.41 0.02 -2.58	26.93 -0.14 -3.68	28.68 -0.15 -3.22	27.02 -0.49 -3.10	28.55 -0.79 -2.11	28.47 -0.82 -1.95	29.21 -0.65 -1.45	30.48 -0.70 -0.85	30.48 -0.63 -1.23	29.18 -0.64 -1.90	29.13 -0.78 -2.96	21.33 -0.31 -8.16	25.75 -0.36 -7.40	26.73 -0.24 -10.93	27.20 -0.34 -8.59	17.98 -0.05 -10.31	18.02 -0.01 -9.91	14.86 0.00 -9.85	14.09 0.00 -8.30	12.21 0.07 -7.97
WESTOVER___LESR 323668	32.12 0.21 -8.09	31.67 0.21 -8.10	28.60 0.19 -6.99	28.18 0.20 -6.15	28.44 0.21 -4.42	29.89 0.19 -6.31	31.32 0.18 -5.52	29.87 0.15 -5.31	30.87 0.03 -3.62	30.69 0.00 -3.35	30.98 0.09 -2.49	31.87 0.09 -1.46	32.10 0.12 -2.11	31.26 0.08 -3.25	32.06 0.03 -5.07	27.52 0.05 -13.99	31.50 0.11 -12.69	34.89 0.11 -18.73	33.78 0.09 -14.73	25.47 0.08 -17.68	25.21 0.10 -16.99	21.97 0.07 -16.89	20.09 0.07 -14.24	17.90 0.06 -13.67
WETHRSFD_WT_PWR 323626	29.04 -0.31 -5.54	28.70 -0.21 -5.54	25.97 -0.24 -4.78	25.82 -0.22 -4.21	26.59 -0.24 -3.02	27.34 -0.38 -4.32	28.93 -0.46 -3.78	27.34 -0.71 -3.64	28.67 -1.03 -2.47	28.53 -1.09 -2.29	29.18 -0.94 -1.71	30.38 -0.94 -1.00	30.36 -0.96 -1.44	29.15 -1.00 -2.23	29.30 -1.13 -3.47	22.57 -0.48 -9.57	26.71 -0.67 -8.69	28.26 -0.61 -12.82	28.28 -0.76 -10.08	19.60 -0.22 -12.10	19.55 -0.20 -11.63	16.47 -0.11 -11.56	15.42 -0.11 -9.74	13.50 -0.02 -9.36
WHAVSTOR_138KV_BK127 55557	43.05 0.95 -18.28	42.55 0.89 -18.29	38.04 0.84 -15.79	36.57 0.85 -13.89	34.71 0.93 -9.98	38.55 0.91 -14.24	39.00 0.92 -12.47	37.38 0.98 -12.00	36.54 1.14 -8.17	36.08 1.18 -7.57	35.28 1.25 -5.63	34.93 1.30 -3.30	35.91 1.28 -4.75	36.47 1.20 -7.34	39.57 1.16 -11.45	45.62 0.55 -31.59	48.21 0.84 -28.67	59.05 0.69 -42.31	53.05 0.83 -33.27	48.01 0.37 -39.93	46.87 0.38 -38.37	43.41 0.24 -38.15	38.22 0.28 -32.15	35.22 0.17 -30.88
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	43.05 0.95 -18.28	42.55 0.89 -18.29	38.04 0.84 -15.79	36.57 0.85 -13.89	34.71 0.93 -9.98	38.55 0.91 -14.24	39.00 0.92 -12.47	37.38 0.98 -12.00	36.54 1.14 -8.17	36.08 1.18 -7.57	35.28 1.25 -5.63	34.93 1.30 -3.30	35.91 1.28 -4.75	36.47 1.20 -7.34	39.57 1.16 -11.45	45.62 0.55 -31.59	48.21 0.84 -28.67	59.05 0.69 -42.31	53.05 0.83 -33.27	48.01 0.37 -39.93	46.87 0.38 -38.37	43.41 0.24 -38.15	38.22 0.28 -32.15	35.22 0.17 -30.88
WHITEHAL_115KV_TB1 80871	49.20 1.98 -23.41	48.82 2.03 -23.43	43.41 1.78 -20.21	41.41 1.79 -17.79	38.44 1.86 -12.78	43.48 1.85 -18.24	43.71 2.13 -15.96	41.82 2.05 -15.36	40.05 2.37 -10.46	39.30 2.27 -9.69	37.97 2.36 -7.21	36.88 2.33 -4.23	38.38 2.42 -6.09	39.54 2.21 -9.40	43.78 2.16 -14.67	54.66 0.73 -40.45	56.40 0.99 -36.71	71.22 0.99 -54.18	62.67 1.12 -42.60	59.23 0.39 -51.13	57.65 0.40 -49.14	54.08 0.22 -48.85	47.18 0.23 -41.17	43.99 0.29 -39.54
WHITEPLN_13_KV_LOAD 356215	43.92 1.29 -18.82	43.39 1.19 -18.83	38.76 1.09 -16.25	37.22 1.09 -14.30	35.27 1.19 -10.27	39.25 1.19 -14.66	39.71 1.26 -12.83	38.06 1.29 -12.35	37.16 1.52 -8.41	36.66 1.53 -7.79	35.85 1.65 -5.79	35.45 1.73 -3.40	36.47 1.70 -4.90	37.08 1.59 -7.56	40.29 1.54 -11.79	46.77 0.77 -32.52	49.31 1.10 -29.51	60.53 0.93 -43.56	54.26 1.06 -34.25	49.31 0.49 -41.10	48.14 0.51 -39.51	44.61 0.32 -39.27	39.25 0.36 -33.10	36.18 0.23 -31.79
WM_FLOYD_69_KV_BK2 356380	45.17 2.50 -18.86	44.55 2.31 -18.87	39.87 2.16 -16.28	38.32 2.16 -14.33	36.46 2.36 -10.29	40.40 2.32 -14.69	41.01 2.54 -12.86	39.32 2.54 -12.37	38.53 2.89 -8.42	38.08 2.92 -7.82	41.41 2.90 -10.11	42.34 3.09 -8.92	47.99 3.05 -15.07	48.25 2.85 -17.48	51.41 2.78 -21.67	55.41 1.40 -40.53	72.58 2.06 -51.82	82.67 1.78 -64.84	75.62 2.27 -54.40	66.99 0.88 -58.40	55.77 0.88 -46.77	50.56 0.54 -45.01	39.62 0.66 -33.18	36.44 0.43 -31.85
WOODARD__115KV_TB2 355635	27.25 -0.19 -3.63	26.81 -0.19 -3.63	24.39 -0.17 -3.14	24.39 -0.20 -2.76	25.57 -0.21 -1.98	26.01 -0.21 -2.83	27.86 -0.23 -2.48	26.55 -0.24 -2.38	28.52 -0.33 -1.62	28.51 -0.33 -1.50	29.21 -0.31 -1.12	30.67 -0.30 -0.66	30.55 -0.27 -0.94	29.13 -0.25 -1.46	28.99 -0.24 -2.28	19.67 -0.08 -6.28	24.32 -0.07 -5.69	24.40 -0.05 -8.40	25.48 -0.08 -6.61	15.64 -0.01 -7.93	15.73 -0.01 -7.62	12.59 -0.01 -7.58	12.15 -0.02 -6.39	10.30 0.00 -6.13

YORK__WARBASSE	44.10	43.57	38.97	37.43	35.46	39.38	39.65	38.00	37.06	36.67	35.83	35.39	36.42	37.04	40.28	46.76	49.35	60.61	54.40	49.37	48.16	44.67	39.31	36.26
23770	1.43	1.33	1.26	1.27	1.36	1.29	1.18	1.22	1.42	1.53	1.62	1.67	1.64	1.54	1.51	0.70	1.08	0.93	1.14	0.49	0.47	0.31	0.37	0.24
	-18.86	-18.87	-16.29	-14.33	-10.30	-14.70	-12.86	-12.37	-8.42	-7.81	-5.80	-3.40	-4.90	-7.57	-11.81	-32.58	-29.57	-43.63	-34.31	-41.18	-39.58	-39.34	-33.16	-31.85