

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/30/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	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	45.82	40.65	38.95	38.44	38.77	42.02	62.60	71.93	59.65	54.18	40.48	37.20	36.46	36.17	37.58	41.82	48.50	63.33	56.02	51.84	49.08	45.08	41.34	39.31
24138	1.49	1.49	1.31	1.25	1.44	1.60	1.83	2.07	1.72	1.60	2.19	2.01	1.99	1.93	1.80	1.78	1.85	2.05	1.73	1.61	1.13	0.89	0.51	0.93
	-19.54	-15.19	-16.47	-16.98	-14.16	-15.42	-32.19	-41.18	-32.66	-29.65	-10.22	-10.92	-10.16	-9.82	-12.68	-16.57	-22.59	-34.68	-31.24	-27.16	-30.26	-30.78	-33.02	-25.08
74TH STREET_GT_1	45.85	40.68	38.95	38.46	38.77	41.99	62.54	71.86	59.61	54.14	40.45	37.14	36.43	36.14	37.55	41.79	48.47	63.33	56.00	51.85	49.08	45.09	41.35	39.31
24260	1.51	1.51	1.31	1.27	1.44	1.57	1.77	2.01	1.69	1.58	2.16	1.97	1.97	1.90	1.78	1.76	1.83	2.05	1.71	1.61	1.13	0.89	0.52	0.93
	-19.54	-15.19	-16.47	-16.98	-14.16	-15.42	-32.19	-41.17	-32.65	-29.64	-10.21	-10.92	-10.15	-9.82	-12.67	-16.57	-22.58	-34.69	-31.25	-27.17	-30.27	-30.78	-33.02	-25.08
74TH STREET_GT_2	45.85	40.68	38.95	38.46	38.77	41.99	62.54	71.86	59.61	54.14	40.45	37.14	36.43	36.14	37.55	41.79	48.47	63.33	56.00	51.85	49.08	45.09	41.35	39.31
24261	1.51	1.51	1.31	1.27	1.44	1.57	1.77	2.01	1.69	1.58	2.16	1.97	1.97	1.90	1.78	1.76	1.83	2.05	1.71	1.61	1.13	0.89	0.52	0.93
	-19.54	-15.19	-16.47	-16.98	-14.16	-15.42	-32.19	-41.17	-32.65	-29.64	-10.21	-10.92	-10.15	-9.82	-12.67	-16.57	-22.58	-34.69	-31.25	-27.17	-30.27	-30.78	-33.02	-25.08
ADK HUDSON___FALLS	51.01	44.51	43.21	42.84	42.35	45.97	71.38	82.91	68.37	61.86	42.38	39.10	38.17	37.86	40.18	45.71	54.15	72.43	64.28	59.11	57.35	53.50	50.42	45.98
24011	1.21	1.10	0.97	0.91	1.07	1.25	1.63	1.58	1.34	1.03	1.24	0.87	0.88	0.88	0.88	1.06	1.20	1.46	1.27	1.29	0.95	0.71	0.38	0.60
	-25.00	-19.43	-21.07	-21.72	-18.11	-19.73	-41.17	-52.66	-41.76	-37.91	-13.06	-13.96	-12.99	-12.56	-16.21	-21.19	-28.89	-44.37	-39.97	-34.75	-38.72	-39.37	-42.24	-32.08
ADK RESOURCE___RCVRY	51.12	44.61	43.30	42.93	42.45	46.08	71.61	83.13	68.56	61.99	42.50	39.18	38.26	37.91	40.29	45.82	54.29	72.58	64.44	59.26	57.48	53.60	50.48	46.05
23798	1.31	1.20	1.06	0.99	1.16	1.35	1.83	1.75	1.49	1.12	1.35	0.95	0.95	0.93	0.97	1.15	1.32	1.60	1.41	1.43	1.06	0.79	0.42	0.65
	-25.01	-19.44	-21.08	-21.74	-18.12	-19.74	-41.19	-52.70	-41.80	-37.94	-13.08	-13.97	-13.00	-12.57	-16.22	-21.21	-28.91	-44.39	-39.99	-34.77	-38.74	-39.39	-42.26	-32.10
ADK S GLENS___FALLS	51.01	44.51	43.21	42.84	42.35	45.97	71.38	82.91	68.37	61.86	42.38	39.10	38.17	37.86	40.18	45.71	54.15	72.43	64.28	59.11	57.35	53.50	50.42	45.98
24028	1.21	1.10	0.97	0.91	1.07	1.25	1.63	1.58	1.34	1.03	1.24	0.87	0.88	0.88	0.88	1.06	1.20	1.46	1.27	1.29	0.95	0.71	0.38	0.60
	-25.00	-19.43	-21.07	-21.72	-18.11	-19.73	-41.17	-52.66	-41.76	-37.91	-13.06	-13.96	-12.99	-12.56	-16.21	-21.19	-28.89	-44.37	-39.97	-34.75	-38.72	-39.37	-42.24	-32.08
ADK_NYS___DAM	50.61	44.38	42.94	42.55	42.23	45.78	70.37	81.62	67.40	61.17	42.64	39.39	38.49	38.17	40.26	45.54	53.64	71.30	63.28	58.19	56.21	52.31	49.12	45.16
23527	1.66	1.63	1.42	1.35	1.55	1.72	2.00	2.04	1.77	1.60	1.94	1.63	1.63	1.61	1.50	1.60	1.66	1.83	1.61	1.55	1.11	0.85	0.50	0.86
	-24.16	-18.78	-20.36	-20.99	-17.50	-19.06	-39.79	-50.90	-40.37	-36.65	-12.63	-13.50	-12.56	-12.14	-15.67	-20.48	-27.92	-42.87	-38.62	-33.58	-37.41	-38.05	-40.81	-31.00
AIR_PRODUCTS___DRP	49.94	43.67	42.37	42.02	41.56	45.04	69.49	80.64	66.66	60.59	41.53	38.52	37.67	37.46	39.63	44.72	52.78	70.46	62.56	57.45	55.77	52.06	49.12	44.84
24190	0.79	0.77	0.68	0.65	0.74	0.82	0.80	0.66	0.71	0.73	0.73	0.66	0.70	0.81	0.74	0.61	0.58	0.64	0.58	0.53	0.37	0.28	0.17	0.29
	-24.35	-18.93	-20.52	-21.16	-17.64	-19.22	-40.11	-51.29	-40.68	-36.93	-12.73	-13.60	-12.65	-12.23	-15.79	-20.64	-28.14	-43.22	-38.93	-33.85	-37.72	-38.35	-41.14	-31.25
AKWESSNE_115KV_BK	24.52	23.64	20.89	19.94	22.94	24.72	28.21	28.31	25.02	22.71	27.71	24.00	24.04	24.17	22.89	23.23	23.75	26.20	22.66	22.70	17.42	13.23	7.67	13.03
355683	-0.27	-0.34	-0.28	-0.26	-0.23	-0.27	-0.37	-0.37	-0.25	-0.21	-0.36	-0.27	-0.27	-0.24	-0.21	-0.23	-0.31	-0.40	-0.39	-0.37	-0.27	-0.19	-0.13	-0.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	49.94	43.67	42.37	42.02	41.56	45.04	69.49	80.64	66.66	60.59	41.53	38.52	37.67	37.46	39.63	44.72	52.78	70.46	62.56	57.45	55.77	52.06	49.12	44.84
23571	0.79	0.77	0.68	0.65	0.74	0.82	0.80	0.66	0.71	0.73	0.73	0.66	0.70	0.81	0.74	0.61	0.58	0.64	0.58	0.53	0.37	0.28	0.17	0.29
	-24.35	-18.93	-20.52	-21.16	-17.64	-19.22	-40.11	-51.29	-40.68	-36.93	-12.73	-13.60	-12.65	-12.23	-15.79	-20.64	-28.14	-43.22	-38.93	-33.85	-37.72	-38.35	-41.14	-31.25
ALBANY___2	49.94	43.67	42.37	42.02	41.56	45.04	69.49	80.64	66.66	60.59	41.53	38.52	37.67	37.46	39.63	44.72	52.78	70.46	62.56	57.45	55.77	52.06	49.12	44.84
23572	0.79	0.77	0.68	0.65	0.74	0.82	0.80	0.66	0.71	0.73	0.73	0.66	0.70	0.81	0.74	0.61	0.58	0.64	0.58	0.53	0.37	0.28	0.17	0.29
	-24.35	-18.93	-20.52	-21.16	-17.64	-19.22	-40.11	-51.29	-40.68	-36.93	-12.73	-13.60	-12.65	-12.23	-15.79	-20.64	-28.14	-43.22	-38.93	-33.85	-37.72	-38.35	-41.14	-31.25
ALBANY___3	49.94	43.67	42.37	42.02	41.56	45.04	69.49	80.64	66.66	60.59	41.53	38.52	37.67	37.46	39.63	44.72	52.78	70.46	62.56	57.45	55.77	52.06	49.12	44.84
23573	0.79	0.77	0.68	0.65	0.74	0.82	0.80	0.66	0.71	0.73	0.73	0.66	0.70	0.81	0.74	0.61	0.58	0.64	0.58	0.53	0.37	0.28	0.17	0.29
	-24.35	-18.93	-20.52	-21.16	-17.64	-19.22	-40.11	-51.29	-40.68	-36.93	-12.73	-13.60	-12.65	-12.23	-15.79	-20.64	-28.14	-43.22	-38.93	-33.85	-37.72	-38.35	-41.14	-31.25

ALBANY___4 23574	49.94 0.79 -24.35	43.67 0.77 -18.93	42.37 0.68 -20.52	42.02 0.65 -21.16	41.56 0.74 -17.64	45.04 0.82 -19.22	69.49 0.80 -40.11	80.64 0.66 -51.29	66.66 0.71 -40.68	60.59 0.73 -36.93	41.53 0.73 -12.73	38.52 0.66 -13.60	37.67 0.70 -12.65	37.46 0.81 -12.23	39.63 0.74 -15.79	44.72 0.61 -20.64	52.78 0.58 -28.14	70.46 0.64 -43.22	62.56 0.58 -38.93	57.45 0.53 -33.85	55.77 0.37 -37.72	52.06 0.28 -38.35	49.12 0.17 -41.14	44.84 0.29 -31.25
ALBANY___LFGE 323615	50.36 1.04 -24.53	44.02 0.98 -19.06	42.71 0.87 -20.67	42.35 0.83 -21.32	41.89 0.95 -17.77	45.43 1.07 -19.36	70.09 1.11 -40.40	81.34 0.98 -51.68	67.22 0.96 -40.99	61.07 0.94 -37.21	41.91 1.01 -12.82	38.84 0.87 -13.71	37.98 0.92 -12.75	37.75 1.00 -12.33	39.95 0.95 -15.91	45.13 0.87 -20.80	53.25 0.84 -28.35	71.09 0.96 -43.53	63.09 0.83 -39.22	57.97 0.81 -34.10	56.26 0.58 -37.99	52.48 0.43 -38.63	49.51 0.26 -41.44	45.20 0.43 -31.48
ALCOA_PA_115KV_PL-6C 55860	24.72 -0.07 0.00	23.83 -0.14 0.00	21.06 -0.11 0.00	20.10 -0.10 0.00	23.15 -0.02 0.00	24.92 -0.07 0.00	28.35 -0.23 0.00	28.45 -0.23 0.00	25.22 -0.05 0.00	22.90 -0.02 0.00	27.85 -0.22 0.00	24.17 -0.10 0.00	24.21 -0.10 0.00	24.34 -0.07 0.00	23.07 -0.02 0.00	23.39 -0.07 0.00	23.91 -0.14 0.00	26.39 -0.21 0.00	22.82 -0.23 0.00	23.58 -0.23 -0.74	17.52 -0.16 0.00	13.34 -0.08 0.00	7.92 -0.07 -0.19	13.59 -0.21 -0.50
ALCOA_RYNLDS___DRP 24188	24.72 -0.07 0.00	23.83 -0.14 0.00	21.06 -0.11 0.00	20.10 -0.10 0.00	23.15 -0.02 0.00	24.92 -0.07 0.00	28.35 -0.23 0.00	28.45 -0.23 0.00	25.22 -0.05 0.00	22.90 -0.02 0.00	27.85 -0.22 0.00	24.17 -0.10 0.00	24.21 -0.10 0.00	24.34 -0.07 0.00	23.07 -0.02 0.00	23.39 -0.07 0.00	23.91 -0.14 0.00	26.39 -0.21 0.00	22.82 -0.23 0.00	23.58 -0.23 -0.74	17.52 -0.16 0.00	13.34 -0.08 0.00	7.92 -0.07 -0.19	13.59 -0.21 -0.50
ALCOA___DSASP 323711	24.72 -0.07 0.00	23.83 -0.14 0.00	21.06 -0.11 0.00	20.11 -0.10 0.00	23.15 -0.02 0.00	24.92 -0.07 0.00	28.35 -0.23 0.00	28.51 -0.17 0.00	25.24 -0.03 0.00	22.90 -0.02 0.00	27.88 -0.20 0.00	24.17 -0.10 0.00	24.21 -0.10 0.00	24.34 -0.07 0.00	23.07 -0.02 0.00	23.39 -0.07 0.00	23.92 -0.14 0.00	26.39 -0.21 0.00	22.82 -0.23 0.00	23.58 -0.23 -0.74	17.52 -0.16 0.00	13.34 -0.08 0.00	7.92 -0.07 -0.19	13.59 -0.21 -0.50
ALLEGHENY___COGEN 23514	30.00 0.27 -4.93	28.15 0.34 -3.83	25.51 0.19 -4.16	24.70 0.20 -4.29	26.91 0.16 -3.57	29.16 0.28 -3.89	37.19 0.49 -8.13	39.27 0.40 -10.19	33.45 0.10 -8.08	30.35 -0.11 -7.54	30.36 -0.25 -2.54	26.72 -0.32 -2.78	26.60 -0.29 -2.58	26.55 -0.37 -2.50	25.93 -0.39 -3.22	27.31 -0.26 -4.10	29.60 -0.05 -5.59	35.44 0.32 -8.52	31.25 0.53 -7.67	30.39 0.46 -6.86	25.68 0.35 -7.64	21.44 0.25 -7.77	16.29 0.15 -8.34	19.97 0.35 -6.33
ALTAMONT_115KV_TB 2 55880	50.13 0.94 -24.40	43.87 0.94 -18.96	42.53 0.80 -20.56	42.18 0.77 -21.20	41.73 0.88 -17.68	45.22 0.97 -19.25	69.88 1.11 -40.18	81.13 1.06 -51.39	66.96 0.93 -40.76	60.79 0.87 -37.00	41.86 1.04 -12.75	38.79 0.90 -13.63	37.88 0.90 -12.68	37.60 0.93 -12.26	39.79 0.88 -15.82	45.01 0.87 -20.68	53.14 0.89 -28.19	70.88 0.98 -43.30	62.93 0.88 -39.00	57.81 0.83 -33.91	56.07 0.60 -37.78	52.30 0.46 -38.43	49.30 0.27 -41.22	45.07 0.47 -31.31
ALTONA_WT_PWR 323606	24.15 -0.64 0.00	23.16 -0.82 0.00	20.51 -0.66 0.00	19.62 -0.59 0.00	22.64 -0.53 0.00	24.42 -0.57 0.00	27.98 -0.60 0.00	27.85 -0.83 0.00	24.61 -0.66 0.00	22.42 -0.50 0.00	27.29 -0.79 0.00	23.54 -0.73 0.00	23.51 -0.80 0.00	23.78 -0.63 0.00	22.64 -0.46 0.00	22.99 -0.47 0.00	23.41 -0.65 0.00	25.53 -1.06 0.00	21.83 -1.22 0.00	-7.00 -1.22 28.84	16.83 -0.85 0.00	12.79 -0.63 0.00	0.17 -0.41 7.23	-6.97 -0.76 19.51
AMERICAN_REF_FUEL 24010	27.83 -1.49 -4.53	26.22 -1.27 -3.52	23.73 -1.25 -3.82	22.99 -1.15 -3.94	24.95 -1.51 -3.28	26.99 -1.57 -3.57	33.95 -2.09 -7.46	34.65 -2.50 -8.47	29.86 -2.12 -6.72	28.01 -1.83 -6.92	28.00 -2.22 -2.15	24.97 -1.84 -2.55	24.96 -1.73 -2.37	24.93 -1.78 -2.29	24.30 -1.76 -2.96	25.07 -1.81 -3.41	26.76 -1.95 -4.65	31.59 -2.07 -7.07	27.80 -1.61 -6.37	27.63 -1.73 -6.29	23.42 -1.27 -7.01	19.68 -0.87 -7.13	15.05 -0.41 -7.65	18.58 -0.53 -5.81
ARKWRIGHT___SUMMIT_WT_PWR 323751	28.38 -1.24 -4.82	26.77 -0.96 -3.75	24.28 -0.95 -4.07	23.53 -0.87 -4.19	25.51 -1.16 -3.50	27.65 -1.15 -3.81	35.07 -1.46 -7.95	36.11 -1.81 -9.24	31.00 -1.59 -7.33	28.83 -1.47 -7.37	28.67 -1.74 -2.33	25.50 -1.48 -2.72	25.40 -1.43 -2.53	25.35 -1.51 -2.44	24.72 -1.53 -3.15	25.54 -1.64 -3.72	27.40 -1.73 -5.07	32.56 -1.76 -7.72	28.55 -1.45 -6.95	28.16 -1.62 -6.71	23.95 -1.20 -7.47	20.19 -0.83 -7.60	15.55 -0.41 -8.15	18.93 -0.56 -6.19
ARTHUR_KILL_GT_1 23520	45.90 1.56 -19.54	40.72 1.56 -15.19	38.99 1.36 -16.47	38.50 1.31 -16.98	38.82 1.48 -14.16	41.89 1.47 -15.42	62.02 1.26 -32.18	71.35 1.49 -41.18	59.16 1.24 -32.66	53.76 1.19 -29.65	40.12 1.82 -10.22	36.91 1.72 -10.92	36.17 1.70 -10.16	35.88 1.64 -9.82	37.32 1.55 -12.68	41.56 1.52 -16.58	48.16 1.52 -22.59	62.93 1.65 -34.69	55.70 1.41 -31.25	51.55 1.31 -27.17	48.83 0.88 -30.26	44.99 0.79 -30.78	41.31 0.48 -33.02	39.35 0.96 -25.09
ARTHUR_KILL_2 23512	45.82 1.49 -19.54	40.65 1.49 -15.19	38.95 1.31 -16.47	38.44 1.25 -16.98	38.75 1.41 -14.16	41.82 1.40 -15.42	61.93 1.17 -32.18	71.27 1.41 -41.18	59.09 1.16 -32.66	53.69 1.12 -29.65	40.06 1.77 -10.22	36.84 1.65 -10.92	36.10 1.63 -10.16	35.83 1.59 -9.82	37.26 1.48 -12.68	41.49 1.46 -16.58	48.09 1.44 -22.59	62.83 1.54 -34.69	55.63 1.34 -31.25	51.48 1.24 -27.17	48.76 0.81 -30.26	44.95 0.75 -30.78	41.29 0.46 -33.02	39.30 0.92 -25.09
ARTHUR_KILL_3 23513	45.57 1.24 -19.54	40.39 1.22 -15.19	38.71 1.08 -16.47	38.24 1.05 -16.98	38.51 1.18 -14.16	41.74 1.32 -15.42	62.22 1.46 -32.19	71.53 1.66 -41.19	59.32 1.39 -32.66	53.88 1.31 -29.65	40.18 1.88 -10.22	36.93 1.75 -10.92	36.19 1.73 -10.16	35.90 1.66 -9.82	37.32 1.55 -12.68	41.56 1.52 -16.57	48.19 1.54 -22.59	62.99 1.70 -34.68	55.75 1.45 -31.24	51.59 1.36 -27.16	48.89 0.94 -30.27	44.95 0.75 -30.78	41.26 0.44 -33.02	39.16 0.78 -25.08
ARTHUR_KILL_COGEN 323718	45.90 1.56 -19.54	40.72 1.56 -15.19	38.99 1.36 -16.47	38.50 1.31 -16.98	38.82 1.48 -14.16	41.89 1.47 -15.42	62.02 1.26 -32.18	71.35 1.49 -41.18	59.16 1.24 -32.66	53.76 1.19 -29.65	40.12 1.82 -10.22	36.91 1.72 -10.92	36.17 1.70 -10.16	35.88 1.64 -9.82	37.32 1.55 -12.68	41.56 1.52 -16.58	48.16 1.52 -22.59	62.93 1.65 -34.69	55.70 1.41 -31.25	51.55 1.31 -27.17	48.83 0.88 -30.26	44.99 0.79 -30.78	41.31 0.48 -33.02	39.35 0.96 -25.09
ASHOKAN____ 23654	47.28 0.47 -22.02	41.47 0.38 -17.12	40.06 0.34 -18.56	39.63 0.28 -19.14	39.47 0.35 -15.95	42.75 0.38 -17.38	65.28 0.43 -36.27	75.60 0.52 -46.40	62.42 0.35 -36.80	56.44 0.12 -33.41	39.50 -0.08 -11.51	36.40 -0.17 -12.30	35.54 -0.22 -11.45	35.29 -0.20 -11.07	37.24 -0.14 -14.28	42.11 -0.02 -18.67	49.71 0.19 -25.46	66.08 0.40 -39.08	58.58 0.32 -35.20	53.93 0.25 -30.61	51.98 0.19 -34.10	48.21 0.11 -34.68	45.03 0.02 -37.20	41.56 0.00 -28.26

ASTORIA_EAST_ENERGY_CC1 323581	45.83 1.49 -19.55	40.62 1.46 -15.18	38.92 1.29 -16.46	38.49 1.29 -16.99	38.82 1.48 -14.17	41.73 1.32 -15.42	61.99 1.23 -32.18	71.35 1.49 -41.18	59.24 1.31 -32.66	53.83 1.26 -29.65	40.17 1.88 -10.21	37.00 1.82 -10.91	36.26 1.80 -10.15	35.99 1.76 -9.82	37.36 1.59 -12.67	41.58 1.55 -16.57	48.23 1.59 -22.59	62.95 1.68 -34.68	55.76 1.48 -31.24	51.61 1.38 -27.16	48.90 0.95 -30.26	44.93 0.74 -30.77	41.26 0.44 -33.02	39.37 0.98 -25.09
ASTORIA_EAST_ENERGY_CC2 323582	45.83 1.49 -19.55	40.62 1.46 -15.18	38.92 1.29 -16.46	38.49 1.29 -16.99	38.82 1.48 -14.17	41.73 1.32 -15.42	61.99 1.23 -32.18	71.35 1.49 -41.18	59.24 1.31 -32.66	53.83 1.26 -29.65	40.17 1.88 -10.21	37.00 1.82 -10.91	36.26 1.80 -10.15	35.99 1.76 -9.82	37.36 1.59 -12.67	41.58 1.55 -16.57	48.23 1.59 -22.59	62.95 1.68 -34.68	55.76 1.48 -31.24	51.61 1.38 -27.16	48.90 0.95 -30.26	44.93 0.74 -30.77	41.26 0.44 -33.02	39.37 0.98 -25.09
ASTORIA_GT2_1 24094	45.85 1.51 -19.54	40.65 1.49 -15.19	38.95 1.31 -16.47	38.50 1.31 -16.98	38.82 1.48 -14.16	41.77 1.35 -15.42	62.00 1.23 -32.19	71.34 1.49 -41.17	59.26 1.34 -32.65	53.84 1.28 -29.64	40.20 1.91 -10.21	37.02 1.84 -10.92	36.29 1.82 -10.15	35.99 1.76 -9.82	37.36 1.59 -12.67	41.58 1.55 -16.57	48.25 1.61 -22.58	63.04 1.76 -34.69	55.77 1.48 -31.25	51.64 1.41 -27.17	48.91 0.95 -30.27	44.94 0.74 -30.78	41.27 0.44 -33.02	39.37 0.98 -25.09
ASTORIA_GT2_2 24095	45.85 1.51 -19.54	40.65 1.49 -15.19	38.95 1.31 -16.47	38.50 1.31 -16.98	38.82 1.48 -14.16	41.77 1.35 -15.42	62.00 1.23 -32.19	71.34 1.49 -41.17	59.26 1.34 -32.65	53.84 1.28 -29.64	40.20 1.91 -10.21	37.02 1.84 -10.92	36.29 1.82 -10.15	35.99 1.76 -9.82	37.36 1.59 -12.67	41.58 1.55 -16.57	48.25 1.61 -22.58	63.04 1.76 -34.69	55.77 1.48 -31.25	51.64 1.41 -27.17	48.91 0.95 -30.27	44.94 0.74 -30.78	41.27 0.44 -33.02	39.37 0.98 -25.09
ASTORIA_GT2_3 24096	45.85 1.51 -19.54	40.65 1.49 -15.19	38.95 1.31 -16.47	38.50 1.31 -16.98	38.82 1.48 -14.16	41.77 1.35 -15.42	62.00 1.23 -32.19	71.34 1.49 -41.17	59.26 1.34 -32.65	53.84 1.28 -29.64	40.20 1.91 -10.21	37.02 1.84 -10.92	36.29 1.82 -10.15	35.99 1.76 -9.82	37.36 1.59 -12.67	41.58 1.55 -16.57	48.25 1.61 -22.58	63.04 1.76 -34.69	55.77 1.48 -31.25	51.64 1.41 -27.17	48.91 0.95 -30.27	44.94 0.74 -30.78	41.27 0.44 -33.02	39.37 0.98 -25.09
ASTORIA_GT2_4 24097	45.85 1.51 -19.54	40.65 1.49 -15.19	38.95 1.31 -16.47	38.50 1.31 -16.98	38.82 1.48 -14.16	41.77 1.35 -15.42	62.00 1.23 -32.19	71.34 1.49 -41.17	59.26 1.34 -32.65	53.84 1.28 -29.64	40.20 1.91 -10.21	37.02 1.84 -10.92	36.29 1.82 -10.15	35.99 1.76 -9.82	37.36 1.59 -12.67	41.58 1.55 -16.57	48.25 1.61 -22.58	63.04 1.76 -34.69	55.77 1.48 -31.25	51.64 1.41 -27.17	48.91 0.95 -30.27	44.94 0.74 -30.78	41.27 0.44 -33.02	39.37 0.98 -25.09
ASTORIA_GT3_1 24098	45.85 1.51 -19.54	40.65 1.49 -15.19	38.95 1.31 -16.47	38.50 1.31 -16.98	38.82 1.48 -14.16	41.77 1.35 -15.42	62.00 1.23 -32.19	71.34 1.49 -41.17	59.26 1.34 -32.65	53.84 1.28 -29.64	40.20 1.91 -10.21	37.02 1.84 -10.92	36.29 1.82 -10.15	35.99 1.76 -9.82	37.36 1.59 -12.67	41.58 1.55 -16.57	48.25 1.61 -22.58	63.04 1.76 -34.69	55.77 1.48 -31.25	51.64 1.41 -27.17	48.91 0.95 -30.27	44.94 0.74 -30.78	41.27 0.44 -33.02	39.37 0.98 -25.09
ASTORIA_GT3_2 24099	45.85 1.51 -19.54	40.65 1.49 -15.19	38.95 1.31 -16.47	38.50 1.31 -16.98	38.82 1.48 -14.16	41.77 1.35 -15.42	62.00 1.23 -32.19	71.34 1.49 -41.17	59.26 1.34 -32.65	53.84 1.28 -29.64	40.20 1.91 -10.21	37.02 1.84 -10.92	36.29 1.82 -10.15	35.99 1.76 -9.82	37.36 1.59 -12.67	41.58 1.55 -16.57	48.25 1.61 -22.58	63.04 1.76 -34.69	55.77 1.48 -31.25	51.64 1.41 -27.17	48.91 0.95 -30.27	44.94 0.74 -30.78	41.27 0.44 -33.02	39.37 0.98 -25.09
ASTORIA_GT3_3 24100	45.85 1.51 -19.54	40.65 1.49 -15.19	38.95 1.31 -16.47	38.50 1.31 -16.98	38.82 1.48 -14.16	41.77 1.35 -15.42	62.00 1.23 -32.19	71.34 1.49 -41.17	59.26 1.34 -32.65	53.84 1.28 -29.64	40.20 1.91 -10.21	37.02 1.84 -10.92	36.29 1.82 -10.15	35.99 1.76 -9.82	37.36 1.59 -12.67	41.58 1.55 -16.57	48.25 1.61 -22.58	63.04 1.76 -34.69	55.77 1.48 -31.25	51.64 1.41 -27.17	48.91 0.95 -30.27	44.94 0.74 -30.78	41.27 0.44 -33.02	39.37 0.98 -25.09
ASTORIA_GT3_4 24101	45.85 1.51 -19.54	40.65 1.49 -15.19	38.95 1.31 -16.47	38.50 1.31 -16.98	38.82 1.48 -14.16	41.77 1.35 -15.42	62.00 1.23 -32.19	71.34 1.49 -41.17	59.26 1.34 -32.65	53.84 1.28 -29.64	40.20 1.91 -10.21	37.02 1.84 -10.92	36.29 1.82 -10.15	35.99 1.76 -9.82	37.36 1.59 -12.67	41.58 1.55 -16.57	48.25 1.61 -22.58	63.04 1.76 -34.69	55.77 1.48 -31.25	51.64 1.41 -27.17	48.91 0.95 -30.27	44.94 0.74 -30.78	41.27 0.44 -33.02	39.37 0.98 -25.09
ASTORIA_GT4_1 24102	45.85 1.51 -19.54	40.65 1.49 -15.19	38.95 1.31 -16.47	38.50 1.31 -16.98	38.82 1.48 -14.16	41.77 1.35 -15.42	62.00 1.23 -32.19	71.34 1.49 -41.17	59.26 1.34 -32.65	53.84 1.28 -29.64	40.20 1.91 -10.21	37.02 1.84 -10.92	36.29 1.82 -10.15	35.99 1.76 -9.82	37.36 1.59 -12.67	41.58 1.55 -16.57	48.25 1.61 -22.58	63.04 1.76 -34.69	55.77 1.48 -31.25	51.64 1.41 -27.17	48.91 0.95 -30.27	44.94 0.74 -30.78	41.27 0.44 -33.02	39.37 0.98 -25.09
ASTORIA_GT4_2 24103	45.85 1.51 -19.54	40.65 1.49 -15.19	38.95 1.31 -16.47	38.50 1.31 -16.98	38.82 1.48 -14.16	41.77 1.35 -15.42	62.00 1.23 -32.19	71.34 1.49 -41.17	59.26 1.34 -32.65	53.84 1.28 -29.64	40.20 1.91 -10.21	37.02 1.84 -10.92	36.29 1.82 -10.15	35.99 1.76 -9.82	37.36 1.59 -12.67	41.58 1.55 -16.57	48.25 1.61 -22.58	63.04 1.76 -34.69	55.77 1.48 -31.25	51.64 1.41 -27.17	48.91 0.95 -30.27	44.94 0.74 -30.78	41.27 0.44 -33.02	39.37 0.98 -25.09
ASTORIA_GT4_3 24104	45.85 1.51 -19.54	40.65 1.49 -15.19	38.95 1.31 -16.47	38.50 1.31 -16.98	38.82 1.48 -14.16	41.77 1.35 -15.42	62.00 1.23 -32.19	71.34 1.49 -41.17	59.26 1.34 -32.65	53.84 1.28 -29.64	40.20 1.91 -10.21	37.02 1.84 -10.92	36.29 1.82 -10.15	35.99 1.76 -9.82	37.36 1.59 -12.67	41.58 1.55 -16.57	48.25 1.61 -22.58	63.04 1.76 -34.69	55.77 1.48 -31.25	51.64 1.41 -27.17	48.91 0.95 -30.27	44.94 0.74 -30.78	41.27 0.44 -33.02	39.37 0.98 -25.09
ASTORIA_GT4_4 24105	45.85 1.51 -19.54	40.65 1.49 -15.19	38.95 1.31 -16.47	38.50 1.31 -16.98	38.82 1.48 -14.16	41.77 1.35 -15.42	62.00 1.23 -32.19	71.34 1.49 -41.17	59.26 1.34 -32.65	53.84 1.28 -29.64	40.20 1.91 -10.21	37.02 1.84 -10.92	36.29 1.82 -10.15	35.99 1.76 -9.82	37.36 1.59 -12.67	41.58 1.55 -16.57	48.25 1.61 -22.58	63.04 1.76 -34.69	55.77 1.48 -31.25	51.64 1.41 -27.17	48.91 0.95 -30.27	44.94 0.74 -30.78	41.27 0.44 -33.02	39.37 0.98 -25.09
ASTORIA_GT_1 23523	45.88 1.54 -19.55	40.69 1.54 -15.18	38.96 1.33 -16.46	38.53 1.33 -16.99	38.87 1.53 -14.17	41.78 1.37 -15.42	62.05 1.29 -32.18	71.41 1.55 -41.18	59.32 1.39 -32.66	53.90 1.33 -29.65	40.25 1.96 -10.21	37.07 1.89 -10.91	36.33 1.87 -10.15	36.04 1.81 -9.82	37.41 1.64 -12.67	41.63 1.60 -16.57	48.31 1.66 -22.59	63.03 1.76 -34.68	55.81 1.52 -31.24	51.66 1.43 -27.16	48.93 0.99 -30.26	44.96 0.76 -30.77	41.29 0.46 -33.02	39.40 1.01 -25.09

ASTORIA_GT_10 24110	45.87 1.54 -19.54	40.68 1.51 -15.19	38.97 1.33 -16.47	38.48 1.29 -16.98	38.79 1.46 -14.16	41.92 1.50 -15.42	62.28 1.51 -32.19	71.57 1.72 -41.17	59.38 1.47 -32.65	53.96 1.40 -29.64	40.31 2.02 -10.21	37.05 1.87 -10.92	36.31 1.85 -10.15	36.04 1.81 -9.82	37.43 1.66 -12.67	41.67 1.64 -16.57	48.35 1.71 -22.58	63.15 1.86 -34.69	55.84 1.54 -31.25	51.71 1.48 -27.17	48.98 1.03 -30.27	45.02 0.82 -30.78	41.32 0.49 -33.02	39.33 0.94 -25.09
ASTORIA_GT_11 24225	45.87 1.54 -19.54	40.68 1.51 -15.19	38.97 1.33 -16.47	38.48 1.29 -16.98	38.79 1.46 -14.16	41.92 1.50 -15.42	62.28 1.51 -32.19	71.57 1.72 -41.17	59.38 1.47 -32.65	53.96 1.40 -29.64	40.31 2.02 -10.21	37.05 1.87 -10.92	36.31 1.85 -10.15	36.04 1.81 -9.82	37.43 1.66 -12.67	41.67 1.64 -16.57	48.35 1.71 -22.58	63.15 1.86 -34.69	55.84 1.54 -31.25	51.71 1.48 -27.17	48.98 1.03 -30.27	45.02 0.82 -30.78	41.32 0.49 -33.02	39.33 0.94 -25.09
ASTORIA_GT_12 24226	45.87 1.54 -19.54	40.68 1.51 -15.19	38.97 1.33 -16.47	38.48 1.29 -16.98	38.79 1.46 -14.16	41.92 1.50 -15.42	62.28 1.51 -32.19	71.57 1.72 -41.17	59.38 1.47 -32.65	53.96 1.40 -29.64	40.31 2.02 -10.21	37.05 1.87 -10.92	36.31 1.85 -10.15	36.04 1.81 -9.82	37.43 1.66 -12.67	41.67 1.64 -16.57	48.35 1.71 -22.58	63.15 1.86 -34.69	55.84 1.54 -31.25	51.71 1.48 -27.17	48.98 1.03 -30.27	45.02 0.82 -30.78	41.32 0.49 -33.02	39.33 0.94 -25.09
ASTORIA_GT_13 24227	45.87 1.54 -19.54	40.68 1.51 -15.19	38.97 1.33 -16.47	38.48 1.29 -16.98	38.79 1.46 -14.16	41.92 1.50 -15.42	62.28 1.51 -32.19	71.57 1.72 -41.17	59.38 1.47 -32.65	53.96 1.40 -29.64	40.31 2.02 -10.21	37.05 1.87 -10.92	36.31 1.85 -10.15	36.04 1.81 -9.82	37.43 1.66 -12.67	41.67 1.64 -16.57	48.35 1.71 -22.58	63.15 1.86 -34.69	55.84 1.54 -31.25	51.71 1.48 -27.17	48.98 1.03 -30.27	45.02 0.82 -30.78	41.32 0.49 -33.02	39.33 0.94 -25.09
ASTORIA_GT_5 24106	45.88 1.54 -19.55	40.69 1.54 -15.18	38.96 1.33 -16.46	38.53 1.33 -16.99	38.87 1.53 -14.17	41.78 1.37 -15.42	62.05 1.29 -32.18	71.41 1.55 -41.18	59.32 1.39 -32.66	53.90 1.33 -29.65	40.25 1.96 -10.21	37.07 1.89 -10.91	36.33 1.87 -10.15	36.04 1.81 -9.82	37.41 1.64 -12.67	41.63 1.60 -16.57	48.31 1.66 -22.59	63.03 1.76 -34.68	55.81 1.52 -31.24	51.66 1.43 -27.16	48.93 0.99 -30.26	44.96 0.76 -30.77	41.29 0.46 -33.02	39.40 1.01 -25.09
ASTORIA_GT_7 24107	45.88 1.54 -19.55	40.69 1.54 -15.18	38.96 1.33 -16.46	38.53 1.33 -16.99	38.87 1.53 -14.17	41.78 1.37 -15.42	62.05 1.29 -32.18	71.41 1.55 -41.18	59.32 1.39 -32.66	53.90 1.33 -29.65	40.25 1.96 -10.21	37.07 1.89 -10.91	36.33 1.87 -10.15	36.04 1.81 -9.82	37.41 1.64 -12.67	41.63 1.60 -16.57	48.31 1.66 -22.59	63.03 1.76 -34.68	55.81 1.52 -31.24	51.66 1.43 -27.16	48.93 0.99 -30.26	44.96 0.76 -30.77	41.29 0.46 -33.02	39.40 1.01 -25.09
ASTORIA_GT_8 24108	45.90 1.56 -19.54	40.70 1.53 -15.19	38.97 1.33 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.79 1.37 -15.42	62.06 1.29 -32.19	71.40 1.55 -41.17	59.31 1.39 -32.65	53.89 1.33 -29.64	40.25 1.97 -10.21	37.07 1.89 -10.92	36.34 1.87 -10.15	36.04 1.81 -9.82	37.41 1.64 -12.67	41.62 1.60 -16.57	48.30 1.66 -22.58	63.09 1.81 -34.69	55.82 1.52 -31.25	51.69 1.45 -27.17	48.94 0.99 -30.27	44.97 0.76 -30.78	41.29 0.46 -33.02	39.40 1.01 -25.09
ASTORIA___2 24149	45.86 1.51 -19.55	40.64 1.49 -15.18	38.94 1.31 -16.46	38.51 1.31 -16.99	38.82 1.48 -14.17	41.76 1.35 -15.42	61.99 1.23 -32.18	71.35 1.49 -41.18	59.27 1.34 -32.66	53.85 1.28 -29.65	40.20 1.91 -10.21	37.02 1.84 -10.91	36.29 1.82 -10.15	35.99 1.76 -9.82	37.36 1.59 -12.67	41.58 1.55 -16.57	48.26 1.61 -22.59	62.98 1.70 -34.68	55.76 1.48 -31.24	51.61 1.38 -27.16	48.90 0.95 -30.26	44.93 0.74 -30.77	41.27 0.44 -33.02	39.37 0.98 -25.09
ASTORIA___3 23516	45.87 1.54 -19.54	40.68 1.51 -15.19	38.97 1.33 -16.47	38.48 1.29 -16.98	38.79 1.46 -14.16	41.92 1.50 -15.42	62.28 1.51 -32.19	71.59 1.72 -41.19	59.40 1.46 -32.67	53.97 1.40 -29.65	40.32 2.02 -10.22	37.05 1.87 -10.92	36.32 1.85 -10.16	36.02 1.78 -9.82	37.44 1.66 -12.68	41.68 1.64 -16.58	48.36 1.71 -22.60	63.07 1.78 -34.69	55.84 1.54 -31.25	51.71 1.48 -27.17	48.98 1.03 -30.27	45.02 0.82 -30.78	41.32 0.49 -33.02	39.33 0.94 -25.09
ASTORIA___4 23517	45.87 1.54 -19.54	40.68 1.51 -15.19	38.97 1.33 -16.47	38.48 1.29 -16.98	38.79 1.46 -14.16	41.92 1.50 -15.42	62.28 1.51 -32.19	71.57 1.72 -41.17	59.38 1.47 -32.65	53.96 1.40 -29.64	40.31 2.02 -10.21	37.05 1.87 -10.92	36.31 1.85 -10.15	36.04 1.81 -9.82	37.43 1.66 -12.67	41.67 1.64 -16.57	48.35 1.71 -22.58	63.15 1.86 -34.69	55.84 1.54 -31.25	51.71 1.48 -27.17	48.98 1.03 -30.27	45.02 0.82 -30.78	41.32 0.49 -33.02	39.33 0.94 -25.09
ASTORIA___5 23518	45.87 1.54 -19.54	40.68 1.51 -15.19	38.97 1.33 -16.47	38.48 1.29 -16.98	38.79 1.46 -14.16	41.92 1.50 -15.42	62.28 1.51 -32.19	71.59 1.72 -41.19	59.40 1.46 -32.67	53.97 1.40 -29.65	40.32 2.02 -10.22	37.05 1.87 -10.92	36.32 1.85 -10.16	36.02 1.78 -9.82	37.44 1.66 -12.68	41.68 1.64 -16.58	48.34 1.68 -22.60	63.07 1.78 -34.69	55.84 1.54 -31.25	51.71 1.48 -27.17	48.98 1.03 -30.27	45.02 0.82 -30.78	41.32 0.49 -33.02	39.33 0.94 -25.09
AST_ENERGY_2_CC3 323677	45.67 1.34 -19.54	40.51 1.34 -15.19	38.82 1.18 -16.47	38.32 1.13 -16.98	38.63 1.30 -14.16	41.84 1.42 -15.42	62.34 1.57 -32.19	71.67 1.81 -41.19	59.42 1.49 -32.66	53.97 1.40 -29.65	40.26 1.96 -10.22	37.01 1.82 -10.92	36.27 1.80 -10.16	35.97 1.73 -9.82	37.39 1.62 -12.68	41.63 1.60 -16.57	48.29 1.64 -22.59	63.09 1.81 -34.68	55.84 1.54 -31.24	51.66 1.43 -27.16	48.96 1.01 -30.27	45.00 0.81 -30.78	41.29 0.47 -33.02	39.23 0.85 -25.08
AST_ENERGY_2_CC4 323678	45.67 1.34 -19.54	40.51 1.34 -15.19	38.82 1.18 -16.47	38.32 1.13 -16.98	38.63 1.30 -14.16	41.84 1.42 -15.42	62.34 1.57 -32.19	71.67 1.81 -41.19	59.42 1.49 -32.66	53.97 1.40 -29.65	40.26 1.96 -10.22	37.01 1.82 -10.92	36.27 1.80 -10.16	35.97 1.73 -9.82	37.39 1.62 -12.68	41.63 1.60 -16.57	48.29 1.64 -22.59	63.09 1.81 -34.68	55.84 1.54 -31.24	51.66 1.43 -27.16	48.96 1.01 -30.27	45.00 0.81 -30.78	41.29 0.47 -33.02	39.23 0.85 -25.08
ATHENS_STG_1 23668	47.39 0.99 -21.60	41.75 0.98 -16.79	40.24 0.87 -18.21	39.81 0.83 -18.77	39.75 0.93 -15.65	43.09 1.05 -17.05	65.36 1.20 -35.58	75.38 1.18 -45.52	62.41 1.04 -36.10	56.66 0.96 -32.77	40.60 1.23 -11.29	37.43 1.09 -12.07	36.61 1.07 -11.23	36.32 1.05 -10.86	38.10 0.99 -14.01	42.79 1.01 -18.32	50.09 1.06 -24.97	66.08 1.14 -38.34	58.57 0.99 -34.53	54.06 0.97 -30.03	51.83 0.69 -33.45	47.98 0.54 -34.02	44.61 0.31 -36.50	41.56 0.55 -27.72
ATHENS_STG_2 23670	47.39 0.99 -21.60	41.75 0.98 -16.79	40.24 0.87 -18.21	39.81 0.83 -18.77	39.75 0.93 -15.65	43.09 1.05 -17.05	65.36 1.20 -35.58	75.38 1.18 -45.52	62.41 1.04 -36.10	56.66 0.96 -32.77	40.60 1.23 -11.29	37.43 1.09 -12.07	36.61 1.07 -11.23	36.32 1.05 -10.86	38.10 0.99 -14.01	42.79 1.01 -18.32	50.09 1.06 -24.97	66.08 1.14 -38.34	58.57 0.99 -34.53	54.06 0.97 -30.03	51.83 0.69 -33.45	47.98 0.54 -34.02	44.61 0.31 -36.50	41.56 0.55 -27.72

ATHENS_STG_3 23677	47.39 0.99 -21.60	41.75 0.98 -16.79	40.24 0.87 -18.21	39.81 0.83 -18.77	39.75 0.93 -15.65	43.09 1.05 -17.05	65.36 1.20 -35.58	75.38 1.18 -45.52	62.41 1.04 -36.10	56.66 0.96 -32.77	40.60 1.23 -11.29	37.43 1.09 -12.07	36.61 1.07 -11.23	36.32 1.05 -10.86	38.10 0.99 -14.01	42.79 1.01 -18.32	50.09 1.06 -24.97	66.08 1.14 -38.34	58.57 0.99 -34.53	54.06 0.97 -30.03	51.83 0.69 -33.45	47.98 0.54 -34.02	44.61 0.31 -36.50	41.56 0.55 -27.72
AUBURN____LFGE 323710	28.95 0.07 -4.08	27.24 0.10 -3.17	24.67 0.06 -3.44	23.79 0.04 -3.55	26.13 0.00 -2.96	28.27 0.05 -3.22	35.45 0.14 -6.72	37.48 0.20 -8.60	32.22 0.13 -6.82	29.18 0.07 -6.19	30.29 0.08 -2.13	26.57 0.02 -2.28	26.48 0.05 -2.12	26.49 0.02 -2.05	25.77 0.02 -2.65	26.97 0.05 -3.46	28.92 0.14 -4.72	34.08 0.24 -7.25	29.88 0.30 -6.53	29.02 0.28 -5.68	24.24 0.23 -6.32	20.00 0.15 -6.43	14.77 0.07 -6.90	18.67 0.13 -5.24
BABYLON_RES_REC 323704	52.38 2.31 -25.29	46.28 2.30 -20.00	47.76 2.05 -24.54	43.67 1.96 -21.50	41.68 2.22 -16.28	54.86 2.45 -27.42	73.38 2.80 -42.00	87.04 2.73 -55.64	60.25 2.30 -32.69	54.32 1.74 -29.66	40.66 2.36 -10.22	37.23 2.04 -10.92	36.91 2.24 -10.37	36.40 2.05 -9.93	37.79 1.89 -12.79	43.20 1.99 -17.75	60.74 2.12 -34.57	74.32 2.37 -45.35	64.72 2.14 -39.52	61.90 2.05 -36.78	60.91 1.66 -41.56	58.87 1.29 -44.17	41.63 0.78 -33.04	39.65 1.26 -25.09
BABYLON__69_KV_BK2 356345	52.87 2.75 -25.33	46.72 2.71 -20.04	48.08 2.37 -24.54	44.05 2.28 -21.56	42.03 2.57 -16.28	55.26 2.85 -27.42	73.97 3.32 -42.07	87.85 3.44 -55.73	60.86 2.93 -32.66	54.83 2.27 -29.64	41.30 3.00 -10.22	37.75 2.57 -10.92	37.44 2.77 -10.36	37.00 2.66 -9.92	38.27 2.49 -12.67	43.83 2.63 -17.74	61.43 2.81 -34.56	75.17 3.22 -45.35	65.32 2.74 -39.52	62.52 2.68 -36.78	61.23 1.98 -41.56	59.10 1.52 -44.17	41.75 0.91 -33.04	39.83 1.45 -25.09
BALL_HILL_WT_PWR 323825	28.53 -1.04 -4.77	26.89 -0.79 -3.71	24.36 -0.83 -4.02	23.59 -0.77 -4.15	25.59 -1.04 -3.46	27.74 -1.03 -3.77	35.04 -1.40 -7.86	36.02 -1.75 -9.09	30.96 -1.52 -7.21	28.86 -1.35 -7.30	28.80 -1.57 -2.30	25.64 -1.31 -2.69	25.57 -1.24 -2.50	25.54 -1.29 -2.42	24.90 -1.32 -3.12	25.74 -1.38 -3.66	27.60 -1.44 -4.99	32.73 -1.46 -7.59	28.71 -1.17 -6.84	28.39 -1.31 -6.64	24.10 -0.97 -7.39	20.28 -0.66 -7.52	15.57 -0.30 -8.06	19.05 -0.37 -6.13
BARON_WINDS____WT_PWR 323822	29.92 -0.64 -5.77	27.98 -0.48 -4.48	25.54 -0.49 -4.86	24.78 -0.44 -5.01	26.75 -0.60 -4.18	28.97 -0.57 -4.55	37.31 -0.77 -9.50	39.48 -0.92 -11.71	33.70 -0.86 -9.29	30.95 -0.78 -8.80	30.10 -0.90 -2.93	26.71 -0.80 -3.24	26.55 -0.78 -3.02	26.48 -0.86 -2.92	25.98 -0.88 -3.76	27.29 -0.89 -4.72	29.62 -0.87 -6.43	35.50 -0.90 -9.81	31.19 -0.69 -8.83	30.26 -0.83 -8.02	26.02 -0.60 -8.94	22.09 -0.42 -9.09	17.36 -0.19 -9.75	20.48 -0.23 -7.41
BARRETT_IC_1 23704	52.38 1.81 -25.78	48.52 1.89 -22.65	131.68 1.65 -108.87	62.47 1.58 -40.68	63.36 1.78 -38.40	179.75 1.97 -152.78	73.63 2.20 -42.85	87.90 2.32 -56.90	59.99 2.05 -32.68	54.18 1.60 -29.66	40.54 2.25 -10.22	37.15 1.96 -10.92	39.06 2.14 -12.61	37.56 2.07 -11.07	39.06 1.89 -14.07	43.17 1.90 -17.81	60.60 1.97 -34.57	74.17 2.15 -45.41	64.46 1.82 -39.59	61.66 1.75 -36.84	60.55 1.31 -41.56	58.60 1.02 -44.17	41.49 0.65 -33.04	39.47 1.08 -25.09
BARRETT_IC_10 23701	52.38 1.81 -25.78	48.52 1.89 -22.65	131.68 1.65 -108.87	62.47 1.58 -40.68	63.36 1.78 -38.40	179.75 1.97 -152.78	73.63 2.20 -42.85	87.90 2.32 -56.90	59.99 2.05 -32.68	54.18 1.60 -29.66	40.54 2.25 -10.22	37.15 1.96 -10.92	39.06 2.14 -12.61	37.56 2.07 -11.07	39.06 1.89 -14.07	43.17 1.90 -17.81	60.60 1.97 -34.57	74.17 2.15 -45.41	64.46 1.82 -39.59	61.66 1.75 -36.84	60.55 1.31 -41.56	58.60 1.02 -44.17	41.49 0.65 -33.04	39.47 1.08 -25.09
BARRETT_IC_11 23702	52.38 1.81 -25.78	48.52 1.89 -22.65	131.68 1.65 -108.87	62.47 1.58 -40.68	63.36 1.78 -38.40	179.75 1.97 -152.78	73.63 2.20 -42.85	87.90 2.32 -56.90	59.99 2.05 -32.68	54.18 1.60 -29.66	40.54 2.25 -10.22	37.15 1.96 -10.92	39.06 2.14 -12.61	37.56 2.07 -11.07	39.06 1.89 -14.07	43.17 1.90 -17.81	60.60 1.97 -34.57	74.17 2.15 -45.41	64.46 1.82 -39.59	61.66 1.75 -36.84	60.55 1.31 -41.56	58.60 1.02 -44.17	41.49 0.65 -33.04	39.47 1.08 -25.09
BARRETT_IC_12 23703	52.38 1.81 -25.78	48.52 1.89 -22.65	131.68 1.65 -108.87	62.47 1.58 -40.68	63.36 1.78 -38.40	179.75 1.97 -152.78	73.63 2.20 -42.85	87.90 2.32 -56.90	59.99 2.05 -32.68	54.18 1.60 -29.66	40.54 2.25 -10.22	37.15 1.96 -10.92	39.06 2.14 -12.61	37.56 2.07 -11.07	39.06 1.89 -14.07	43.17 1.90 -17.81	60.60 1.97 -34.57	74.17 2.15 -45.41	64.46 1.82 -39.59	61.66 1.75 -36.84	60.55 1.31 -41.56	58.60 1.02 -44.17	41.49 0.65 -33.04	39.47 1.08 -25.09
BARRETT_IC_2 23705	52.38 1.81 -25.78	48.52 1.89 -22.65	131.68 1.65 -108.87	62.47 1.58 -40.68	63.36 1.78 -38.40	179.75 1.97 -152.78	73.63 2.20 -42.85	87.90 2.32 -56.90	59.99 2.05 -32.68	54.18 1.60 -29.66	40.54 2.25 -10.22	37.15 1.96 -10.92	39.06 2.14 -12.61	37.56 2.07 -11.07	39.06 1.89 -14.07	43.17 1.90 -17.81	60.60 1.97 -34.57	74.17 2.15 -45.41	64.46 1.82 -39.59	61.66 1.75 -36.84	60.55 1.31 -41.56	58.60 1.02 -44.17	41.49 0.65 -33.04	39.47 1.08 -25.09
BARRETT_IC_3 23706	52.38 1.81 -25.78	48.52 1.89 -22.65	131.68 1.65 -108.87	62.47 1.58 -40.68	63.36 1.78 -38.40	179.75 1.97 -152.78	73.63 2.20 -42.85	87.90 2.32 -56.90	59.99 2.05 -32.68	54.18 1.60 -29.66	40.54 2.25 -10.22	37.15 1.96 -10.92	39.06 2.14 -12.61	37.56 2.07 -11.07	39.06 1.89 -14.07	43.17 1.90 -17.81	60.60 1.97 -34.57	74.17 2.15 -45.41	64.46 1.82 -39.59	61.66 1.75 -36.84	60.55 1.31 -41.56	58.60 1.02 -44.17	41.49 0.65 -33.04	39.47 1.08 -25.09
BARRETT_IC_4 23707	52.38 1.81 -25.78	48.52 1.89 -22.65	131.68 1.65 -108.87	62.47 1.58 -40.68	63.36 1.78 -38.40	179.75 1.97 -152.78	73.63 2.20 -42.85	87.90 2.32 -56.90	59.99 2.05 -32.68	54.18 1.60 -29.66	40.54 2.25 -10.22	37.15 1.96 -10.92	39.06 2.14 -12.61	37.56 2.07 -11.07	39.06 1.89 -14.07	43.17 1.90 -17.81	60.60 1.97 -34.57	74.17 2.15 -45.41	64.46 1.82 -39.59	61.66 1.75 -36.84	60.55 1.31 -41.56	58.60 1.02 -44.17	41.49 0.65 -33.04	39.47 1.08 -25.09
BARRETT_IC_5 23708	52.38 1.81 -25.78	48.52 1.89 -22.65	131.68 1.65 -108.87	62.47 1.58 -40.68	63.36 1.78 -38.40	179.75 1.97 -152.78	73.63 2.20 -42.85	87.90 2.32 -56.90	59.99 2.05 -32.68	54.18 1.60 -29.66	40.54 2.25 -10.22	37.15 1.96 -10.92	39.06 2.14 -12.61	37.56 2.07 -11.07	39.06 1.89 -14.07	43.17 1.90 -17.81	60.60 1.97 -34.57	74.17 2.15 -45.41	64.46 1.82 -39.59	61.66 1.75 -36.84	60.55 1.31 -41.56	58.60 1.02 -44.17	41.49 0.65 -33.04	39.47 1.08 -25.09
BARRETT_IC_6 23709	52.38 1.81 -25.78	48.52 1.89 -22.65	131.68 1.65 -108.87	62.47 1.58 -40.68	63.36 1.78 -38.40	179.75 1.97 -152.78	73.63 2.20 -42.85	87.90 2.32 -56.90	59.99 2.05 -32.68	54.18 1.60 -29.66	40.54 2.25 -10.22	37.15 1.96 -10.92	39.06 2.14 -12.61	37.56 2.07 -11.07	39.06 1.89 -14.07	43.17 1.90 -17.81	60.60 1.97 -34.57	74.17 2.15 -45.41	64.46 1.82 -39.59	61.66 1.75 -36.84	60.55 1.31 -41.56	58.60 1.02 -44.17	41.49 0.65 -33.04	39.47 1.08 -25.09

BARRETT_IC_7 23710	52.46 1.88 -25.78	48.52 1.89 -22.65	131.68 1.65 -108.87	62.46 1.58 -40.68	63.35 1.78 -38.40	179.75 1.97 -152.78	73.71 2.29 -42.85	87.99 2.44 -56.87	59.97 2.05 -32.66	54.17 1.60 -29.64	40.54 2.25 -10.22	37.15 1.97 -10.92	39.05 2.14 -12.61	37.58 2.10 -11.06	38.94 1.89 -13.95	43.16 1.90 -17.80	60.59 1.97 -34.56	74.22 2.21 -45.41	64.46 1.82 -39.59	61.68 1.78 -36.84	60.55 1.31 -41.56	58.60 1.02 -44.17	41.49 0.65 -33.04	39.46 1.08 -25.09
BARRETT_IC_8 23711	52.38 1.81 -25.78	48.52 1.89 -22.65	131.68 1.65 -108.87	62.47 1.58 -40.68	63.36 1.78 -38.40	179.75 1.97 -152.78	73.63 2.20 -42.85	87.90 2.32 -56.90	59.99 2.05 -32.68	54.18 1.60 -29.66	40.54 2.25 -10.22	37.15 1.96 -10.92	39.06 2.14 -12.61	37.56 2.07 -11.07	39.06 1.89 -14.07	43.17 1.90 -17.81	60.60 1.97 -34.57	74.17 2.15 -45.41	64.46 1.82 -39.59	61.66 1.75 -36.84	60.55 1.31 -41.56	58.60 1.02 -44.17	41.49 0.65 -33.04	39.47 1.08 -25.09
BARRETT_IC_9 23700	52.38 1.81 -25.78	48.52 1.89 -22.65	131.68 1.65 -108.87	62.47 1.58 -40.68	63.36 1.78 -38.40	179.75 1.97 -152.78	73.63 2.20 -42.85	87.90 2.32 -56.90	59.99 2.05 -32.68	54.18 1.60 -29.66	40.54 2.25 -10.22	37.15 1.96 -10.92	39.06 2.14 -12.61	37.56 2.07 -11.07	39.06 1.89 -14.07	43.17 1.90 -17.81	60.60 1.97 -34.57	74.17 2.15 -45.41	64.46 1.82 -39.59	61.66 1.75 -36.84	60.55 1.31 -41.56	58.60 1.02 -44.17	41.49 0.65 -33.04	39.47 1.08 -25.09
BARRETT___1 23545	52.38 1.81 -25.78	48.52 1.89 -22.65	131.68 1.65 -108.87	62.47 1.58 -40.68	63.36 1.78 -38.40	179.75 1.97 -152.78	73.63 2.20 -42.85	87.90 2.32 -56.90	59.99 2.05 -32.68	54.18 1.60 -29.66	40.54 2.25 -10.22	37.15 1.96 -10.92	39.06 2.14 -12.61	37.56 2.07 -11.07	39.06 1.89 -14.07	43.17 1.90 -17.81	60.60 1.97 -34.57	74.17 2.15 -45.41	64.46 1.82 -39.59	61.66 1.75 -36.84	60.55 1.31 -41.56	58.60 1.02 -44.17	41.49 0.65 -33.04	39.47 1.08 -25.09
BARRETT___2 23546	52.38 1.81 -25.78	48.52 1.89 -22.65	131.68 1.65 -108.87	62.47 1.58 -40.68	63.36 1.78 -38.40	179.75 1.97 -152.78	73.63 2.20 -42.85	87.90 2.32 -56.90	59.99 2.05 -32.68	54.18 1.60 -29.66	40.54 2.25 -10.22	37.15 1.96 -10.92	39.06 2.14 -12.61	37.56 2.07 -11.07	39.06 1.89 -14.07	43.17 1.90 -17.81	60.60 1.97 -34.57	74.17 2.15 -45.41	64.46 1.82 -39.59	61.66 1.75 -36.84	60.55 1.31 -41.56	58.60 1.02 -44.17	41.49 0.65 -33.04	39.47 1.08 -25.09
BATAVIA___115KV_TB1 55881	28.57 -0.57 -4.35	26.90 -0.46 -3.38	24.30 -0.53 -3.67	23.54 -0.44 -3.78	25.68 -0.65 -3.15	27.78 -0.65 -3.43	34.98 -0.77 -7.17	36.13 -1.00 -8.45	31.03 -0.93 -6.70	28.70 -0.83 -6.60	29.25 -0.95 -2.13	25.85 -0.85 -2.43	25.77 -0.80 -2.26	25.77 -0.83 -2.19	25.11 -0.81 -2.82	26.04 -0.82 -3.40	27.81 -0.89 -4.64	32.97 -0.74 -7.12	28.95 -0.51 -6.41	28.49 -0.62 -6.05	23.96 -0.46 -6.74	19.97 -0.31 -6.86	15.04 -0.12 -7.35	18.77 -0.11 -5.58
BAYONEEC___CTG1 323682	45.67 1.34 -19.54	40.51 1.34 -15.19	38.80 1.16 -16.47	38.32 1.13 -16.98	38.60 1.27 -14.16	41.84 1.42 -15.42	62.34 1.57 -32.19	71.67 1.81 -41.19	59.42 1.49 -32.66	54.00 1.42 -29.65	40.26 1.96 -10.22	37.01 1.82 -10.92	36.27 1.80 -10.16	35.97 1.73 -9.82	37.39 1.62 -12.68	41.65 1.62 -16.57	48.29 1.64 -22.59	63.09 1.81 -34.68	55.84 1.54 -31.24	51.66 1.43 -27.16	48.94 0.99 -30.27	45.00 0.81 -30.78	41.29 0.47 -33.02	39.22 0.84 -25.08
BAYONEEC___CTG10 323750	45.67 1.34 -19.54	40.51 1.34 -15.19	38.80 1.16 -16.47	38.32 1.13 -16.98	38.60 1.27 -14.16	41.84 1.42 -15.42	62.34 1.57 -32.19	71.67 1.81 -41.19	59.42 1.49 -32.66	54.00 1.42 -29.65	40.26 1.96 -10.22	37.01 1.82 -10.92	36.27 1.80 -10.16	35.97 1.73 -9.82	37.39 1.62 -12.68	41.65 1.62 -16.57	48.29 1.64 -22.59	63.09 1.81 -34.68	55.84 1.54 -31.24	51.66 1.43 -27.16	48.94 0.99 -30.27	45.00 0.81 -30.78	41.29 0.47 -33.02	39.22 0.84 -25.08
BAYONEEC___CTG2 323683	45.67 1.34 -19.54	40.51 1.34 -15.19	38.80 1.16 -16.47	38.32 1.13 -16.98	38.60 1.27 -14.16	41.84 1.42 -15.42	62.34 1.57 -32.19	71.67 1.81 -41.19	59.42 1.49 -32.66	54.00 1.42 -29.65	40.26 1.96 -10.22	37.01 1.82 -10.92	36.27 1.80 -10.16	35.97 1.73 -9.82	37.39 1.62 -12.68	41.65 1.62 -16.57	48.29 1.64 -22.59	63.09 1.81 -34.68	55.84 1.54 -31.24	51.66 1.43 -27.16	48.94 0.99 -30.27	45.00 0.81 -30.78	41.29 0.47 -33.02	39.22 0.84 -25.08
BAYONEEC___CTG3 323684	45.67 1.34 -19.54	40.51 1.34 -15.19	38.80 1.16 -16.47	38.32 1.13 -16.98	38.60 1.27 -14.16	41.84 1.42 -15.42	62.34 1.57 -32.19	71.67 1.81 -41.19	59.42 1.49 -32.66	54.00 1.42 -29.65	40.26 1.96 -10.22	37.01 1.82 -10.92	36.27 1.80 -10.16	35.97 1.73 -9.82	37.39 1.62 -12.68	41.65 1.62 -16.57	48.29 1.64 -22.59	63.09 1.81 -34.68	55.84 1.54 -31.24	51.66 1.43 -27.16	48.94 0.99 -30.27	45.00 0.81 -30.78	41.29 0.47 -33.02	39.22 0.84 -25.08
BAYONEEC___CTG4 323685	45.67 1.34 -19.54	40.51 1.34 -15.19	38.80 1.16 -16.47	38.32 1.13 -16.98	38.60 1.27 -14.16	41.84 1.42 -15.42	62.34 1.57 -32.19	71.67 1.81 -41.19	59.42 1.49 -32.66	54.00 1.42 -29.65	40.26 1.96 -10.22	37.01 1.82 -10.92	36.27 1.80 -10.16	35.97 1.73 -9.82	37.39 1.62 -12.68	41.65 1.62 -16.57	48.29 1.64 -22.59	63.09 1.81 -34.68	55.84 1.54 -31.24	51.66 1.43 -27.16	48.94 0.99 -30.27	45.00 0.81 -30.78	41.29 0.47 -33.02	39.22 0.84 -25.08
BAYONEEC___CTG5 323686	45.67 1.34 -19.54	40.51 1.34 -15.19	38.80 1.16 -16.47	38.32 1.13 -16.98	38.60 1.27 -14.16	41.84 1.42 -15.42	62.34 1.57 -32.19	71.67 1.81 -41.19	59.42 1.49 -32.66	54.00 1.42 -29.65	40.26 1.96 -10.22	37.01 1.82 -10.92	36.27 1.80 -10.16	35.97 1.73 -9.82	37.39 1.62 -12.68	41.65 1.62 -16.57	48.29 1.64 -22.59	63.09 1.81 -34.68	55.84 1.54 -31.24	51.66 1.43 -27.16	48.94 0.99 -30.27	45.00 0.81 -30.78	41.29 0.47 -33.02	39.22 0.84 -25.08
BAYONEEC___CTG6 323687	45.67 1.34 -19.54	40.51 1.34 -15.19	38.80 1.16 -16.47	38.32 1.13 -16.98	38.60 1.27 -14.16	41.84 1.42 -15.42	62.34 1.57 -32.19	71.67 1.81 -41.19	59.42 1.49 -32.66	54.00 1.42 -29.65	40.26 1.96 -10.22	37.01 1.82 -10.92	36.27 1.80 -10.16	35.97 1.73 -9.82	37.39 1.62 -12.68	41.65 1.62 -16.57	48.29 1.64 -22.59	63.09 1.81 -34.68	55.84 1.54 -31.24	51.66 1.43 -27.16	48.94 0.99 -30.27	45.00 0.81 -30.78	41.29 0.47 -33.02	39.22 0.84 -25.08
BAYONEEC___CTG7 323688	45.67 1.34 -19.54	40.51 1.34 -15.19	38.80 1.16 -16.47	38.32 1.13 -16.98	38.60 1.27 -14.16	41.84 1.42 -15.42	62.34 1.57 -32.19	71.67 1.81 -41.19	59.42 1.49 -32.66	54.00 1.42 -29.65	40.26 1.96 -10.22	37.01 1.82 -10.92	36.27 1.80 -10.16	35.97 1.73 -9.82	37.39 1.62 -12.68	41.65 1.62 -16.57	48.29 1.64 -22.59	63.09 1.81 -34.68	55.84 1.54 -31.24	51.66 1.43 -27.16	48.94 0.99 -30.27	45.00 0.81 -30.78	41.29 0.47 -33.02	39.22 0.84 -25.08
BAYONEEC___CTG8 323689	45.67 1.34 -19.54	40.51 1.34 -15.19	38.80 1.16 -16.47	38.32 1.13 -16.98	38.60 1.27 -14.16	41.84 1.42 -15.42	62.34 1.57 -32.19	71.67 1.81 -41.19	59.42 1.49 -32.66	54.00 1.42 -29.65	40.26 1.96 -10.22	37.01 1.82 -10.92	36.27 1.80 -10.16	35.97 1.73 -9.82	37.39 1.62 -12.68	41.65 1.62 -16.57	48.29 1.64 -22.59	63.09 1.81 -34.68	55.84 1.54 -31.24	51.66 1.43 -27.16	48.94 0.99 -30.27	45.00 0.81 -30.78	41.29 0.47 -33.02	39.22 0.84 -25.08

BAYONEEC___CTG9 323749	45.67 1.34 -19.54	40.51 1.34 -15.19	38.80 1.16 -16.47	38.32 1.13 -16.98	38.60 1.27 -14.16	41.84 1.42 -15.42	62.34 1.57 -32.19	71.67 1.81 -41.19	59.42 1.49 -32.66	54.00 1.42 -29.65	40.26 1.96 -10.22	37.01 1.82 -10.92	36.27 1.80 -10.16	35.97 1.73 -9.82	37.39 1.62 -12.68	41.65 1.62 -16.57	48.29 1.64 -22.59	63.09 1.81 -34.68	55.84 1.54 -31.24	51.66 1.43 -27.16	48.94 0.99 -30.27	45.00 0.81 -30.78	41.29 0.47 -33.02	39.22 0.84 -25.08
BEACON___LESR 323632	50.33 1.21 -24.32	44.03 1.15 -18.90	42.66 0.99 -20.50	42.27 0.93 -21.14	41.86 1.07 -17.62	45.41 1.22 -19.19	69.98 1.34 -40.06	81.13 1.20 -51.25	67.05 1.14 -40.64	60.87 1.05 -36.90	41.97 1.18 -12.71	38.85 1.00 -13.59	37.97 1.02 -12.64	37.74 1.10 -12.22	39.91 1.04 -15.77	45.07 0.99 -20.62	53.18 1.01 -28.11	70.93 1.17 -43.16	62.97 1.04 -38.88	57.89 1.01 -33.81	56.09 0.74 -37.67	52.26 0.54 -38.31	49.22 0.32 -41.09	45.03 0.52 -31.21
BEAVER RIVER___HYD 24048	26.15 -0.10 -1.46	24.97 -0.14 -1.14	22.25 -0.15 -1.23	21.27 -0.20 -1.27	24.07 -0.16 -1.06	26.02 -0.12 -1.15	31.07 0.09 -2.41	31.80 0.17 -2.94	27.65 0.05 -2.33	24.95 -0.09 -2.12	28.64 -0.17 -0.73	24.73 -0.32 -0.78	24.62 -0.41 -0.73	24.73 -0.39 -0.70	23.68 -0.32 -0.91	24.37 -0.28 -1.18	25.55 -0.12 -1.61	29.11 -0.08 -2.59	25.34 -0.05 -2.34	26.79 -0.07 -3.79	19.89 -0.05 -2.26	15.61 -0.11 -2.30	10.65 -0.07 -2.91	16.16 -0.21 -3.07
BEEBEE_GT_13 23619	28.39 -0.45 -4.04	26.76 -0.36 -3.14	24.17 -0.40 -3.40	23.35 -0.36 -3.51	25.61 -0.49 -2.93	27.68 -0.50 -3.19	34.63 -0.60 -6.65	36.49 -0.75 -8.56	31.40 -0.66 -6.79	28.47 -0.57 -6.13	29.55 -0.65 -2.12	25.94 -0.58 -2.26	25.85 -0.56 -2.10	25.89 -0.56 -2.03	25.19 -0.53 -2.62	26.39 -0.52 -3.44	28.18 -0.58 -4.69	33.33 -0.48 -7.21	29.22 -0.32 -6.49	28.29 -0.39 -5.61	23.67 -0.27 -6.26	19.59 -0.19 -6.36	14.56 -0.07 -6.83	18.41 -0.07 -5.18
BENSHRST_27_KV_BENSHRST_1 355998	46.05 1.71 -19.54	40.84 1.68 -15.19	39.12 1.48 -16.47	38.61 1.41 -16.98	38.93 1.60 -14.16	42.04 1.62 -15.42	62.37 1.60 -32.19	71.68 1.84 -41.17	59.46 1.54 -32.65	54.03 1.47 -29.64	40.42 2.13 -10.21	37.17 1.99 -10.92	36.43 1.97 -10.15	36.14 1.90 -9.82	37.57 1.80 -12.67	41.79 1.76 -16.57	48.45 1.80 -22.58	63.31 2.02 -34.69	56.00 1.71 -31.25	51.85 1.61 -27.17	49.05 1.10 -30.27	45.10 0.90 -30.78	41.37 0.55 -33.02	39.42 1.04 -25.09
BETHLEHEM___GRP 23843	49.94 0.79 -24.35	43.67 0.77 -18.93	42.37 0.68 -20.52	42.02 0.65 -21.16	41.56 0.74 -17.64	45.04 0.82 -19.22	69.49 0.80 -40.11	80.64 0.66 -51.29	66.66 0.71 -40.68	60.59 0.73 -36.93	41.53 0.73 -12.73	38.52 0.66 -13.60	37.67 0.70 -12.65	37.46 0.81 -12.23	39.63 0.74 -15.79	44.72 0.61 -20.64	52.78 0.58 -28.14	70.46 0.64 -43.22	62.56 0.58 -38.93	57.45 0.53 -33.85	55.77 0.37 -37.72	52.06 0.28 -38.35	49.12 0.17 -41.14	44.84 0.29 -31.25
BETHLEHEM___GS1 323560	49.94 0.79 -24.35	43.67 0.77 -18.93	42.37 0.68 -20.52	42.02 0.65 -21.16	41.56 0.74 -17.64	45.04 0.82 -19.22	69.49 0.80 -40.11	80.65 0.66 -51.31	66.67 0.71 -40.70	60.60 0.73 -36.94	41.54 0.73 -12.73	38.52 0.66 -13.61	37.67 0.71 -12.66	37.46 0.80 -12.24	39.63 0.74 -15.79	44.72 0.61 -20.65	52.78 0.58 -28.15	70.46 0.64 -43.22	62.56 0.58 -38.93	57.45 0.53 -33.85	55.77 0.37 -37.72	52.06 0.28 -38.35	49.12 0.17 -41.14	44.84 0.29 -31.25
BETHLEHEM___GS2 323561	49.94 0.79 -24.35	43.67 0.77 -18.93	42.37 0.68 -20.52	42.02 0.65 -21.16	41.56 0.74 -17.64	45.04 0.82 -19.22	69.49 0.80 -40.11	80.65 0.66 -51.31	66.67 0.71 -40.70	60.60 0.73 -36.94	41.54 0.73 -12.73	38.52 0.66 -13.61	37.67 0.71 -12.66	37.46 0.80 -12.24	39.63 0.74 -15.79	44.72 0.61 -20.65	52.78 0.58 -28.15	70.46 0.64 -43.22	62.56 0.58 -38.93	57.45 0.53 -33.85	55.77 0.37 -37.72	52.06 0.28 -38.35	49.12 0.17 -41.14	44.84 0.29 -31.25
BETHLEHEM___GS3 323562	49.94 0.79 -24.35	43.67 0.77 -18.93	42.37 0.68 -20.52	42.02 0.65 -21.16	41.56 0.74 -17.64	45.04 0.82 -19.22	69.49 0.80 -40.11	80.65 0.66 -51.31	66.67 0.71 -40.70	60.60 0.73 -36.94	41.54 0.73 -12.73	38.52 0.66 -13.61	37.67 0.71 -12.66	37.46 0.80 -12.24	39.63 0.74 -15.79	44.72 0.61 -20.65	52.78 0.58 -28.15	70.46 0.64 -43.22	62.56 0.58 -38.93	57.45 0.53 -33.85	55.77 0.37 -37.72	52.06 0.28 -38.35	49.12 0.17 -41.14	44.84 0.29 -31.25
BETHLEHEM___STEEL 23779	28.40 -1.09 -4.70	26.76 -0.86 -3.65	24.24 -0.89 -3.96	23.48 -0.81 -4.08	25.46 -1.11 -3.41	27.58 -1.12 -3.71	34.81 -1.51 -7.74	35.69 -1.81 -8.81	30.69 -1.57 -6.99	28.65 -1.40 -7.13	28.68 -1.63 -2.23	25.51 -1.38 -2.63	25.46 -1.29 -2.44	25.41 -1.37 -2.36	24.80 -1.34 -3.05	25.60 -1.41 -3.55	27.43 -1.47 -4.84	32.53 -1.49 -7.42	28.54 -1.20 -6.69	28.26 -1.34 -6.53	23.97 -0.99 -7.28	20.15 -0.67 -7.40	15.45 -0.30 -7.94	18.93 -0.40 -6.03
BETHLHEM_115KV_TB1 79974	49.98 0.84 -24.35	43.71 0.82 -18.92	42.40 0.72 -20.52	42.05 0.69 -21.16	41.58 0.76 -17.64	45.08 0.87 -19.21	69.57 0.89 -40.10	80.71 0.75 -51.28	66.70 0.76 -40.67	60.60 0.76 -36.92	41.59 0.79 -12.72	38.59 0.73 -13.60	37.71 0.75 -12.65	37.48 0.83 -12.23	39.67 0.79 -15.79	44.78 0.68 -20.64	52.84 0.65 -28.13	70.53 0.72 -43.21	62.62 0.65 -38.92	57.51 0.60 -33.84	55.81 0.42 -37.71	52.09 0.32 -38.35	49.14 0.20 -41.14	44.88 0.33 -31.25
BETHPAGE_CC_5 323564	51.95 2.11 -25.05	45.98 2.11 -19.89	50.05 1.86 -27.02	43.95 1.80 -21.95	42.15 2.04 -16.93	58.29 2.20 -31.10	72.67 2.49 -41.60	86.37 2.64 -55.06	60.25 2.30 -32.69	54.39 1.81 -29.66	40.74 2.44 -10.22	37.37 2.18 -10.92	37.10 2.36 -10.43	36.65 2.27 -9.96	38.01 2.08 -12.83	43.35 2.13 -17.75	60.84 2.21 -34.57	74.40 2.45 -45.35	64.67 2.10 -39.53	61.85 2.01 -36.78	60.73 1.49 -41.56	58.74 1.15 -44.17	41.56 0.72 -33.04	39.55 1.17 -25.09
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	28.40 -1.12 -4.73	26.76 -0.89 -3.67	24.24 -0.91 -3.98	23.46 -0.85 -4.11	25.46 -1.14 -3.42	27.58 -1.15 -3.73	34.85 -1.51 -7.78	35.76 -1.81 -8.89	30.73 -1.59 -7.05	28.67 -1.42 -7.17	28.67 -1.66 -2.25	25.52 -1.38 -2.64	25.43 -1.34 -2.46	25.40 -1.39 -2.37	24.78 -1.39 -3.06	25.61 -1.43 -3.58	27.45 -1.49 -4.88	32.60 -1.49 -7.49	28.57 -1.22 -6.75	28.25 -1.38 -6.57	23.98 -1.03 -7.32	20.18 -0.68 -7.44	15.48 -0.31 -7.98	18.94 -0.43 -6.06
BINGHAMTON___COGEN 23790	32.49 0.10 -7.60	30.05 0.17 -5.91	27.68 0.11 -6.41	26.91 0.10 -6.60	28.77 0.09 -5.51	31.12 0.12 -6.00	41.27 0.17 -12.52	44.71 0.17 -15.86	37.95 0.10 -12.58	34.49 0.05 -11.53	32.16 0.14 -3.94	28.61 0.10 -4.25	28.36 0.10 -3.95	28.31 0.07 -3.82	28.07 0.05 -4.93	29.91 0.07 -6.38	32.90 0.14 -8.70	40.20 0.24 -13.36	35.32 0.23 -12.04	33.81 0.18 -10.56	29.58 0.12 -11.77	25.50 0.11 -11.97	20.72 0.07 -12.84	23.21 0.16 -9.75
BIXINCNT_115KV_LOAD 355685	28.17 -1.46 -4.85	26.66 -1.08 -3.77	24.17 -1.08 -4.08	23.37 -1.05 -4.21	25.32 -1.37 -3.51	27.42 -1.40 -3.82	34.79 -1.77 -7.98	35.93 -1.98 -9.23	30.79 -1.79 -7.32	28.55 -1.72 -7.35	28.47 -1.94 -2.33	25.27 -1.70 -2.71	25.00 -1.82 -2.52	24.95 -1.90 -2.43	24.37 -1.87 -3.14	25.23 -1.95 -3.72	27.13 -2.00 -5.06	32.35 -2.02 -7.77	28.16 -1.89 -7.00	27.72 -2.08 -6.73	23.63 -1.56 -7.50	20.00 -1.05 -7.63	15.46 -0.53 -8.18	18.70 -0.81 -6.22

BLACK RIVER___HYD 24047	26.81 -0.02 -2.04	25.46 -0.10 -1.58	22.76 -0.13 -1.72	21.79 -0.18 -1.77	24.51 -0.14 -1.48	26.53 -0.07 -1.61	32.19 0.26 -3.36	33.26 0.35 -4.23	28.72 0.10 -3.35	25.90 -0.07 -3.05	28.96 -0.17 -1.05	25.00 -0.39 -1.12	24.87 -0.49 -1.04	24.96 -0.46 -1.01	24.01 -0.39 -1.30	24.88 -0.28 -1.70	26.36 -0.02 -2.32	30.32 0.11 -3.62	26.45 0.14 -3.26	27.28 0.14 -4.07	20.93 0.09 -3.16	16.58 -0.05 -3.21	11.51 -0.05 -3.75	16.58 -0.17 -3.46
BLACKRVR_115KV_TB2 79977	26.81 -0.02 -2.04	25.46 -0.10 -1.58	22.76 -0.13 -1.72	21.79 -0.18 -1.77	24.51 -0.14 -1.48	26.53 -0.07 -1.61	32.19 0.26 -3.36	33.32 0.34 -4.30	28.78 0.10 -3.41	25.95 -0.07 -3.10	28.97 -0.17 -1.07	25.01 -0.39 -1.14	24.88 -0.49 -1.06	24.98 -0.46 -1.03	24.03 -0.39 -1.32	24.91 -0.28 -1.73	26.39 -0.02 -2.36	30.32 0.11 -3.62	26.45 0.14 -3.26	27.28 0.14 -4.07	20.93 0.09 -3.16	16.58 -0.05 -3.21	11.51 -0.05 -3.75	16.62 -0.13 -3.46
BLISS_WT_PWR 323608	28.08 -1.56 -4.85	26.57 -1.17 -3.77	24.11 -1.14 -4.08	23.29 -1.13 -4.21	25.22 -1.46 -3.51	27.32 -1.50 -3.82	34.67 -1.89 -7.98	35.86 -2.12 -9.31	30.75 -1.90 -7.38	28.51 -1.81 -7.40	28.40 -2.02 -2.35	25.19 -1.80 -2.73	24.88 -1.97 -2.54	24.82 -2.05 -2.45	24.23 -2.03 -3.17	25.10 -2.11 -3.75	27.00 -2.17 -5.11	32.11 -2.26 -7.77	27.96 -2.10 -7.00	27.52 -2.28 -6.73	23.47 -1.71 -7.50	19.90 -1.15 -7.63	15.40 -0.59 -8.18	18.61 -0.90 -6.22
BLUESTONE___WT_PWR 323821	34.17 1.51 -7.86	31.55 1.46 -6.11	29.06 1.27 -6.63	28.19 1.15 -6.83	30.21 1.34 -5.70	32.78 1.58 -6.21	43.76 2.23 -12.95	47.46 2.27 -16.51	40.16 1.79 -13.09	36.36 1.47 -11.97	34.00 1.82 -4.10	29.98 1.31 -4.41	29.65 1.24 -4.10	29.60 1.22 -3.96	29.37 1.15 -5.12	31.44 1.34 -6.64	34.77 1.66 -9.06	42.35 1.89 -13.86	37.15 1.61 -12.49	35.52 1.52 -10.93	30.98 1.11 -12.18	26.54 0.74 -12.39	21.53 0.44 -13.29	24.09 0.70 -10.09
BLUE_CIRC_CHEM_DRP 24182	49.91 1.12 -24.00	43.71 1.08 -18.65	42.34 0.95 -20.23	41.95 0.89 -20.86	41.58 1.02 -17.39	45.08 1.15 -18.94	69.37 1.26 -39.53	80.35 1.12 -50.55	66.40 1.04 -40.09	60.26 0.94 -36.40	41.68 1.07 -12.54	38.59 0.92 -13.41	37.70 0.92 -12.47	37.48 1.00 -12.06	39.60 0.95 -15.56	44.74 0.94 -20.34	52.73 0.94 -27.73	70.26 1.06 -42.59	62.36 0.95 -38.37	57.35 0.92 -33.36	55.52 0.67 -37.17	51.73 0.51 -37.80	48.66 0.30 -40.55	44.62 0.52 -30.80
BOC_GAS_DRP 24189	50.00 0.89 -24.32	43.74 0.86 -18.90	42.42 0.76 -20.49	42.07 0.73 -21.13	41.60 0.81 -17.62	45.11 0.92 -19.19	69.63 1.00 -40.05	80.85 0.95 -51.22	66.75 0.86 -40.62	60.62 0.83 -36.88	41.74 0.95 -12.71	38.69 0.85 -13.58	37.82 0.88 -12.63	37.51 0.88 -12.22	39.69 0.83 -15.77	44.87 0.80 -20.61	52.95 0.79 -28.10	70.63 0.88 -43.16	62.71 0.78 -38.88	57.60 0.74 -33.80	55.87 0.53 -37.66	52.12 0.40 -38.30	49.14 0.25 -41.08	44.93 0.43 -31.21
BOONVILLE_115KV_TB1 79983	26.56 0.52 -1.25	25.42 0.48 -0.97	22.62 0.40 -1.05	21.63 0.34 -1.08	24.52 0.44 -0.90	26.51 0.52 -0.99	31.46 0.83 -2.06	32.23 0.92 -2.63	28.06 0.71 -2.09	25.37 0.55 -1.90	29.37 0.65 -0.65	25.35 0.39 -0.70	25.27 0.32 -0.65	25.39 0.34 -0.63	24.25 0.35 -0.81	24.94 0.42 -1.06	26.08 0.58 -1.44	29.45 0.64 -2.22	25.60 0.55 -2.00	26.04 0.53 -2.45	20.01 0.39 -1.93	15.61 0.23 -1.97	10.22 0.13 -2.29	15.57 0.19 -2.08
BORALEX_4TH_BRANCH 23824	50.61 1.66 -24.16	44.38 1.63 -18.78	42.94 1.42 -20.36	42.55 1.35 -20.99	42.23 1.55 -17.50	45.78 1.72 -19.06	70.37 2.00 -39.79	81.60 2.04 -50.88	67.39 1.77 -40.36	61.16 1.60 -36.63	42.64 1.94 -12.62	39.38 1.63 -13.49	38.49 1.63 -12.55	38.16 1.61 -12.14	40.26 1.50 -15.66	45.53 1.60 -20.48	53.63 1.66 -27.91	71.33 1.86 -42.87	63.28 1.61 -38.62	58.19 1.55 -33.58	56.21 1.11 -37.41	52.31 0.85 -38.05	49.12 0.50 -40.81	45.16 0.86 -31.00
BOWLINE___1 23526	44.77 1.02 -18.97	39.75 1.03 -14.74	38.08 0.93 -15.98	37.58 0.89 -16.48	37.91 1.00 -13.74	41.06 1.10 -14.97	61.04 1.23 -31.24	70.06 1.41 -39.97	58.11 1.14 -31.70	52.73 1.03 -28.78	39.42 1.43 -9.92	36.22 1.36 -10.60	35.50 1.34 -9.86	35.24 1.29 -9.53	36.58 1.18 -12.30	40.72 1.17 -16.09	47.21 1.23 -21.93	61.67 1.41 -33.66	54.54 1.17 -30.32	50.51 1.08 -26.36	47.82 0.76 -29.37	43.89 0.60 -29.87	40.21 0.36 -32.04	38.27 0.64 -24.34
BOWLINE___2 23595	44.78 1.02 -18.97	39.75 1.03 -14.74	38.10 0.95 -15.99	37.60 0.91 -16.48	37.93 1.02 -13.74	41.09 1.13 -14.97	61.05 1.23 -31.24	70.06 1.41 -39.97	58.11 1.14 -31.70	52.73 1.03 -28.78	39.42 1.43 -9.92	36.22 1.36 -10.60	35.53 1.36 -9.86	35.24 1.29 -9.53	36.58 1.18 -12.30	40.72 1.17 -16.09	47.21 1.23 -21.93	61.67 1.41 -33.66	54.55 1.17 -30.32	50.51 1.08 -26.36	47.82 0.76 -29.38	43.90 0.60 -29.87	40.21 0.36 -32.05	38.29 0.65 -24.34
BRADY___115KV_TB2 356060	25.30 0.15 -0.36	24.30 0.05 -0.28	21.53 0.06 -0.30	20.56 0.04 -0.31	23.60 0.16 -0.26	25.41 0.12 -0.29	29.32 0.14 -0.60	28.85 0.17 0.00	25.52 0.25 0.00	23.13 0.21 0.00	28.13 0.06 0.00	24.36 0.10 0.00	24.38 0.07 0.00	24.52 0.10 0.00	23.24 0.14 0.00	23.56 0.09 0.00	24.13 0.07 0.00	27.29 0.05 -0.64	23.63 0.00 -0.58	25.25 0.00 -2.18	18.21 -0.04 -0.56	13.99 0.00 -0.57	8.81 -0.02 -1.03	14.75 -0.15 -1.60
BRANSCOMB___SOLAR 323811	50.97 1.31 -24.86	44.52 1.22 -19.32	43.20 1.08 -20.95	42.82 1.01 -21.61	42.37 1.18 -18.01	45.96 1.35 -19.62	71.18 1.66 -40.95	82.67 1.61 -52.38	68.15 1.34 -41.55	61.74 1.10 -37.71	42.39 1.32 -13.00	39.20 1.04 -13.89	38.28 1.04 -12.92	37.94 1.03 -12.49	40.24 1.02 -16.12	45.69 1.15 -21.08	54.07 1.27 -28.74	72.21 1.49 -44.12	64.11 1.31 -39.75	58.91 1.29 -34.56	57.14 0.95 -38.50	53.29 0.71 -39.16	50.21 0.40 -42.00	45.87 0.66 -31.91
BRENTWOD_69_KV_W. BRTWOOD 56703	53.04 2.73 -25.52	46.74 2.69 -20.08	44.40 2.35 -20.88	43.28 2.26 -20.81	41.05 2.55 -15.32	49.79 2.82 -21.97	74.27 3.29 -42.40	88.33 3.44 -56.21	60.89 2.96 -32.66	54.86 2.29 -29.64	41.30 3.00 -10.22	37.75 2.57 -10.92	37.35 2.77 -10.27	36.95 2.66 -9.87	38.21 2.49 -12.62	43.83 2.63 -17.74	61.43 2.81 -34.56	75.14 3.19 -45.35	65.27 2.70 -39.52	62.47 2.63 -36.78	61.19 1.95 -41.56	59.06 1.48 -44.17	41.74 0.89 -33.04	39.82 1.44 -25.09
BRISTLHL_115KV_TB1 79998	27.60 -0.37 -3.18	26.11 -0.34 -2.47	23.53 -0.32 -2.68	22.67 -0.30 -2.76	25.11 -0.37 -2.30	27.08 -0.42 -2.51	33.39 -0.43 -5.24	35.01 -0.37 -6.70	30.23 -0.35 -5.31	27.40 -0.34 -4.82	29.34 -0.39 -1.66	25.65 -0.39 -1.78	25.60 -0.36 -1.65	25.62 -0.39 -1.60	24.79 -0.37 -2.06	25.83 -0.33 -2.70	27.45 -0.29 -3.68	31.98 -0.27 -5.64	27.95 -0.18 -5.08	27.35 -0.14 -4.42	22.52 -0.09 -4.93	18.35 -0.08 -5.01	13.12 -0.05 -5.37	17.30 -0.08 -4.08
BROOKHAVEN___DRP 24191	53.12 2.75 -25.57	46.78 2.71 -20.10	43.66 2.35 -20.15	43.16 2.28 -20.67	40.88 2.57 -15.13	48.73 2.85 -20.88	74.36 3.29 -42.49	88.49 3.47 -56.34	60.89 2.96 -32.66	54.83 2.27 -29.64	41.27 2.98 -10.22	37.70 2.52 -10.92	37.28 2.72 -10.25	36.92 2.64 -9.86	38.20 2.49 -12.61	43.87 2.67 -17.74	61.50 2.89 -34.56	75.27 3.32 -45.35	65.38 2.81 -39.52	62.56 2.72 -36.78	61.23 1.98 -41.56	59.09 1.50 -44.17	41.75 0.91 -33.04	39.82 1.44 -25.09

BROOKLYN_NAVY_YARD 23515	45.65 1.31 -19.54	40.48 1.32 -15.19	38.80 1.16 -16.47	38.30 1.11 -16.98	38.60 1.27 -14.16	41.82 1.40 -15.42	62.34 1.57 -32.19	71.67 1.81 -41.19	59.42 1.49 -32.66	54.00 1.42 -29.65	40.20 1.91 -10.22	36.95 1.77 -10.92	36.22 1.75 -10.16	35.95 1.71 -9.82	37.35 1.57 -12.68	41.61 1.57 -16.57	48.26 1.61 -22.59	63.06 1.78 -34.68	55.81 1.52 -31.24	51.66 1.43 -27.16	48.94 0.99 -30.27	44.98 0.78 -30.78	41.29 0.47 -33.02	39.22 0.84 -25.08
BROOKLYN___ARMY_DRP 323595	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.57 1.72 -41.17	59.36 1.44 -32.65	53.94 1.38 -29.64	40.31 2.02 -10.21	37.05 1.87 -10.92	36.34 1.87 -10.15	36.04 1.81 -9.82	37.46 1.69 -12.67	41.70 1.67 -16.57	48.35 1.71 -22.58	63.17 1.89 -34.69	55.89 1.59 -31.25	51.73 1.50 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
BROOKVLE_69_KV_TB1 55790	50.25 1.91 -23.55	44.81 1.89 -18.94	56.86 1.67 -34.02	44.50 1.60 -22.70	43.75 1.81 -18.77	68.50 2.00 -41.51	69.84 2.23 -39.03	82.34 2.41 -51.25	60.00 2.07 -32.66	54.33 1.76 -29.64	40.71 2.41 -10.22	37.32 2.14 -10.92	37.18 2.26 -10.61	36.64 2.17 -10.05	37.92 2.01 -12.82	43.25 2.04 -17.75	60.71 2.09 -34.56	74.33 2.37 -45.36	64.59 2.01 -39.53	61.77 1.91 -36.79	60.61 1.36 -41.56	58.64 1.06 -44.17	41.49 0.65 -33.04	39.46 1.08 -25.09
BROOME_2_LFGE 323671	32.49 0.10 -7.60	30.05 0.17 -5.91	27.68 0.11 -6.41	26.91 0.10 -6.60	28.77 0.09 -5.51	31.12 0.13 -6.00	41.27 0.17 -12.52	44.75 0.14 -15.92	38.00 0.10 -12.63	34.54 0.05 -11.57	32.17 0.14 -3.96	28.62 0.10 -4.26	28.37 0.10 -3.96	28.32 0.07 -3.83	28.09 0.05 -4.95	29.94 0.07 -6.41	32.94 0.15 -8.73	40.20 0.24 -13.36	35.32 0.23 -12.04	33.81 0.18 -10.56	29.58 0.12 -11.77	25.50 0.11 -11.97	20.72 0.07 -12.84	23.21 0.16 -9.75
BROOME___LFGE 323600	32.49 0.10 -7.60	30.05 0.17 -5.91	27.68 0.11 -6.41	26.91 0.10 -6.60	28.77 0.09 -5.51	31.12 0.13 -6.00	41.27 0.17 -12.52	44.75 0.14 -15.92	38.00 0.10 -12.63	34.54 0.05 -11.57	32.17 0.14 -3.96	28.62 0.10 -4.26	28.37 0.10 -3.96	28.32 0.07 -3.83	28.09 0.05 -4.95	29.94 0.07 -6.41	32.94 0.15 -8.73	40.20 0.24 -13.36	35.32 0.23 -12.04	33.81 0.18 -10.56	29.58 0.12 -11.77	25.50 0.11 -11.97	20.72 0.07 -12.84	23.21 0.16 -9.75
BROWNFLS_115KV_TB_3_5 80003	25.52 -0.30 -1.03	24.41 -0.36 -0.80	21.71 -0.32 -0.86	20.75 -0.34 -0.89	23.61 -0.30 -0.74	25.48 -0.32 -0.81	29.90 -0.37 -1.69	30.54 -0.32 -2.18	26.74 -0.25 -1.73	24.19 -0.30 -1.57	28.17 -0.45 -0.54	24.38 -0.46 -0.58	24.31 -0.53 -0.54	24.45 -0.49 -0.52	23.35 -0.42 -0.67	23.87 -0.47 -0.88	24.77 -0.48 -1.19	27.89 -0.53 -1.82	24.20 -0.48 -1.64	27.15 -0.48 -4.57	18.95 -0.32 -1.59	14.81 -0.23 -1.61	10.18 -0.15 -2.52	16.41 -0.33 -3.44
BROWNSV1_27_KV_LOAD 356125	45.87 1.54 -19.54	40.70 1.53 -15.19	38.97 1.33 -16.47	38.48 1.29 -16.98	38.79 1.46 -14.16	42.04 1.62 -15.42	62.60 1.83 -32.19	71.91 2.07 -41.16	59.66 1.74 -32.65	54.19 1.63 -29.64	40.51 2.22 -10.21	37.22 2.04 -10.92	36.48 2.02 -10.15	36.19 1.95 -9.82	37.59 1.82 -12.67	41.83 1.81 -16.57	48.52 1.88 -22.58	63.41 2.13 -34.68	56.07 1.77 -31.24	51.89 1.66 -27.16	49.12 1.17 -30.27	45.11 0.91 -30.78	41.35 0.53 -33.02	39.33 0.96 -25.08
BURROWS___LYONSDAL 23803	26.48 0.40 -1.29	25.31 0.34 -1.00	22.55 0.30 -1.09	21.57 0.24 -1.12	24.43 0.32 -0.93	26.41 0.40 -1.02	31.39 0.69 -2.12	32.15 0.75 -2.72	28.01 0.58 -2.16	25.29 0.41 -1.96	29.23 0.48 -0.68	25.23 0.24 -0.72	25.15 0.17 -0.67	25.24 0.17 -0.65	24.14 0.21 -0.84	24.82 0.26 -1.10	25.99 0.43 -1.49	29.39 0.51 -2.29	25.55 0.44 -2.06	26.19 0.42 -2.71	19.98 0.30 -2.00	15.61 0.16 -2.03	10.30 0.09 -2.41	15.69 0.12 -2.28
CAITHNESS_CC_1 323624	52.99 2.63 -25.57	46.69 2.61 -20.10	43.58 2.29 -20.13	43.08 2.20 -20.67	40.78 2.48 -15.13	48.60 2.75 -20.86	74.25 3.17 -42.50	88.40 3.35 -56.37	60.84 2.88 -32.69	54.80 2.22 -29.66	41.19 2.89 -10.22	37.66 2.48 -10.92	37.21 2.65 -10.25	36.87 2.59 -9.87	38.25 2.42 -12.73	43.79 2.58 -17.74	61.42 2.79 -34.57	75.09 3.14 -45.35	65.29 2.72 -39.52	62.45 2.61 -36.78	61.16 1.91 -41.56	59.03 1.45 -44.17	41.73 0.88 -33.04	39.78 1.40 -25.09
CALPINE BETH_PAGE_GT4 24209	51.64 2.03 -24.82	45.78 2.01 -19.79	52.97 1.78 -30.03	44.43 1.72 -22.50	42.84 1.95 -17.72	62.62 2.05 -35.57	72.12 2.34 -41.20	85.62 2.50 -54.44	60.08 2.15 -32.66	54.26 1.70 -29.64	40.59 2.30 -10.22	37.29 2.11 -10.92	37.10 2.29 -10.51	36.61 2.20 -10.00	37.86 2.01 -12.76	43.27 2.06 -17.74	60.71 2.09 -34.56	74.32 2.37 -45.36	64.56 1.98 -39.53	61.76 1.91 -36.78	60.62 1.38 -41.56	58.66 1.07 -44.17	41.53 0.69 -33.04	39.50 1.12 -25.09
CALPINE_BETH_PAGE_GT_4 323586	51.62 2.01 -24.82	45.78 2.01 -19.79	52.97 1.78 -30.03	44.43 1.72 -22.50	42.84 1.95 -17.72	62.62 2.05 -35.57	72.09 2.31 -41.20	85.64 2.49 -54.46	60.10 2.15 -32.69	54.28 1.70 -29.66	40.60 2.30 -10.22	37.30 2.11 -10.92	37.11 2.28 -10.51	36.62 2.20 -10.00	37.98 2.01 -12.88	43.28 2.07 -17.75	60.72 2.09 -34.57	74.27 2.31 -45.36	64.56 1.98 -39.53	61.74 1.89 -36.78	60.63 1.38 -41.56	58.66 1.07 -44.17	41.53 0.69 -33.04	39.50 1.12 -25.09
CALPINE_BP_GT1 23823	51.62 2.01 -24.82	45.78 2.01 -19.79	52.97 1.78 -30.03	44.43 1.72 -22.50	42.84 1.95 -17.72	62.62 2.05 -35.57	72.09 2.31 -41.20	85.64 2.49 -54.46	60.10 2.15 -32.69	54.28 1.70 -29.66	40.60 2.30 -10.22	37.30 2.11 -10.92	37.11 2.28 -10.51	36.62 2.20 -10.00	37.98 2.01 -12.88	43.28 2.07 -17.75	60.72 2.09 -34.57	74.27 2.31 -45.36	64.56 1.98 -39.53	61.74 1.89 -36.78	60.63 1.38 -41.56	58.66 1.07 -44.17	41.53 0.69 -33.04	39.50 1.12 -25.09
CALSPAN___DRP 24200	28.40 -1.09 -4.70	26.76 -0.86 -3.65	24.24 -0.89 -3.96	23.48 -0.81 -4.08	25.46 -1.11 -3.41	27.58 -1.12 -3.71	34.81 -1.51 -7.74	35.69 -1.81 -8.81	30.69 -1.57 -6.99	28.65 -1.40 -7.13	28.68 -1.63 -2.23	25.51 -1.38 -2.63	25.46 -1.29 -2.44	25.41 -1.37 -2.36	24.80 -1.34 -3.05	25.60 -1.41 -3.55	27.43 -1.47 -4.84	32.53 -1.49 -7.42	28.54 -1.20 -6.69	28.26 -1.34 -6.53	23.97 -0.99 -7.28	20.15 -0.67 -7.40	15.45 -0.30 -7.94	18.93 -0.40 -6.03
CALVERTON___SOLAR 323806	53.19 2.83 -25.57	46.88 2.80 -20.10	43.75 2.43 -20.15	43.24 2.36 -20.67	40.97 2.66 -15.13	48.83 2.95 -20.89	74.47 3.40 -42.49	88.63 3.58 -56.36	61.01 3.06 -32.69	54.94 2.36 -29.66	41.39 3.09 -10.22	37.81 2.62 -10.92	37.35 2.79 -10.25	36.99 2.71 -9.87	38.39 2.56 -12.73	43.97 2.77 -17.74	61.63 3.01 -34.57	75.35 3.41 -45.35	65.52 2.95 -39.52	62.68 2.84 -36.78	61.31 2.07 -41.56	59.15 1.57 -44.17	41.79 0.94 -33.04	39.87 1.49 -25.09
CANDIGU_WT_PWR 323617	29.92 -0.64 -5.77	27.98 -0.48 -4.48	25.54 -0.49 -4.86	24.78 -0.44 -5.01	26.75 -0.60 -4.18	28.97 -0.57 -4.55	37.31 -0.77 -9.50	39.48 -0.92 -11.71	33.70 -0.86 -9.29	30.95 -0.78 -8.80	30.10 -0.90 -2.93	26.71 -0.80 -3.24	26.55 -0.78 -3.02	26.48 -0.86 -2.92	25.98 -0.88 -3.76	27.29 -0.89 -4.72	29.62 -0.87 -6.43	35.50 -0.90 -9.81	31.19 -0.69 -8.83	30.26 -0.83 -8.02	26.02 -0.60 -8.94	22.09 -0.42 -9.09	17.36 -0.19 -9.75	20.48 -0.23 -7.41

CARR STREET_E_SYR 24060	27.98 -0.20 -3.39	26.44 -0.17 -2.64	23.85 -0.17 -2.86	22.99 -0.16 -2.95	25.40 -0.23 -2.46	27.42 -0.25 -2.68	33.94 -0.23 -5.58	35.80 -0.23 -7.35	30.87 -0.23 -5.83	27.98 -0.23 -5.29	29.65 -0.25 -1.82	25.97 -0.24 -1.95	25.90 -0.22 -1.81	25.95 -0.22 -1.75	25.15 -0.21 -2.26	26.23 -0.19 -2.96	27.95 -0.14 -4.03	32.51 -0.11 -6.02	28.42 -0.05 -5.42	27.76 -0.02 -4.71	22.93 0.00 -5.25	18.75 -0.01 -5.34	13.53 -0.01 -5.73	17.66 0.01 -4.35
CARTHAGE___PAPER 23857	26.48 -0.12 -1.81	25.19 -0.19 -1.41	22.50 -0.19 -1.53	21.54 -0.24 -1.58	24.28 -0.21 -1.31	26.28 -0.15 -1.43	31.68 0.11 -2.99	32.61 0.20 -3.73	28.25 0.03 -2.96	25.49 -0.11 -2.69	28.78 -0.23 -0.93	24.84 -0.41 -0.99	24.74 -0.49 -0.92	24.82 -0.49 -0.89	23.83 -0.42 -1.15	24.64 -0.33 -1.50	25.96 -0.14 -2.05	29.77 -0.05 -3.22	25.95 0.00 -2.90	27.01 -0.02 -3.96	20.48 -0.02 -2.81	16.17 -0.11 -2.86	11.16 -0.08 -3.43	16.36 -0.24 -3.31
CASSADAGA_WT_PWR 323784	28.34 -1.29 -4.84	26.77 -0.96 -3.76	24.29 -0.95 -4.08	23.56 -0.85 -4.20	25.54 -1.13 -3.50	27.71 -1.10 -3.82	35.17 -1.37 -7.96	36.26 -1.69 -9.27	31.08 -1.54 -7.35	28.87 -1.44 -7.39	28.68 -1.74 -2.34	25.46 -1.53 -2.72	25.33 -1.51 -2.53	25.28 -1.59 -2.45	24.64 -1.62 -3.16	25.44 -1.76 -3.73	27.32 -1.83 -5.09	32.51 -1.83 -7.74	28.46 -1.57 -6.98	28.06 -1.73 -6.72	23.88 -1.29 -7.49	20.14 -0.90 -7.62	15.53 -0.44 -8.17	18.88 -0.62 -6.20
CE_DUNWOOD___DRP 24194	45.61 1.31 -19.51	40.43 1.29 -15.16	38.75 1.14 -16.44	38.27 1.11 -16.95	38.56 1.25 -14.13	41.79 1.40 -15.39	62.31 1.60 -32.13	71.55 1.78 -41.09	59.35 1.49 -32.59	53.85 1.35 -29.58	40.09 1.82 -10.19	36.83 1.67 -10.90	36.10 1.65 -10.13	35.80 1.59 -9.80	37.22 1.48 -12.65	41.50 1.50 -16.53	48.16 1.56 -22.54	63.00 1.78 -34.62	55.73 1.50 -31.18	51.59 1.41 -27.11	48.88 0.99 -30.21	44.92 0.78 -30.72	41.21 0.45 -32.96	39.13 0.80 -25.03
CE_MILLWOOD___DRP 24193	45.49 1.26 -19.43	40.33 1.25 -15.11	38.64 1.10 -16.38	38.17 1.07 -16.89	38.46 1.20 -14.08	41.68 1.35 -15.34	62.10 1.51 -32.01	71.31 1.69 -40.94	59.15 1.42 -32.47	53.68 1.28 -29.47	39.97 1.74 -10.16	36.70 1.58 -10.86	35.99 1.58 -10.10	35.70 1.51 -9.76	37.11 1.41 -12.60	41.37 1.43 -16.47	48.01 1.49 -22.46	62.82 1.73 -34.49	55.55 1.43 -31.07	51.42 1.34 -27.01	48.72 0.94 -30.10	44.77 0.74 -30.61	41.07 0.43 -32.84	39.00 0.76 -24.94
CE_NYC2_DRP 24202	45.87 1.54 -19.54	40.68 1.51 -15.19	38.97 1.33 -16.47	38.46 1.27 -16.98	38.77 1.44 -14.16	41.92 1.50 -15.42	62.31 1.54 -32.19	71.60 1.75 -41.17	59.41 1.49 -32.65	53.98 1.42 -29.64	40.31 2.02 -10.21	37.05 1.87 -10.92	36.34 1.87 -10.15	36.04 1.81 -9.82	37.46 1.69 -12.67	41.70 1.67 -16.57	48.35 1.71 -22.58	63.17 1.89 -34.69	55.86 1.57 -31.25	51.73 1.50 -27.17	48.98 1.03 -30.27	45.02 0.82 -30.78	41.32 0.49 -33.02	39.32 0.93 -25.09
CE_NYC_DRP 24195	45.70 1.36 -19.54	40.53 1.37 -15.19	38.84 1.21 -16.47	38.34 1.15 -16.98	38.65 1.32 -14.16	41.87 1.45 -15.42	62.40 1.63 -32.19	71.68 1.84 -41.16	59.46 1.54 -32.65	54.00 1.44 -29.64	40.28 1.99 -10.21	37.02 1.84 -10.92	36.29 1.82 -10.15	36.02 1.78 -9.82	37.41 1.64 -12.67	41.67 1.64 -16.57	48.32 1.68 -22.58	63.17 1.89 -34.68	55.86 1.57 -31.24	51.71 1.48 -27.16	48.98 1.03 -30.27	45.02 0.82 -30.78	41.30 0.48 -33.02	39.23 0.85 -25.08
CHAFFEE___LFGE 323603	28.50 -1.07 -4.77	26.84 -0.84 -3.71	24.32 -0.87 -4.02	23.54 -0.81 -4.15	25.54 -1.09 -3.46	27.66 -1.10 -3.77	34.98 -1.46 -7.86	36.00 -1.78 -9.10	30.97 -1.52 -7.22	28.88 -1.33 -7.29	28.80 -1.57 -2.30	25.64 -1.31 -2.69	25.57 -1.24 -2.50	25.56 -1.27 -2.42	24.92 -1.29 -3.12	25.79 -1.34 -3.66	27.66 -1.40 -4.99	32.79 -1.41 -7.60	28.79 -1.57 -6.84	28.45 -1.11 -6.63	24.14 -1.25 -7.39	20.31 -0.94 -7.52	15.59 -0.63 -8.06	19.06 -0.28 -6.12
CHATEAUG_35_KV_LOAD 355732	24.10 -0.69 0.00	23.11 -0.86 0.00	20.45 -0.72 0.00	19.56 -0.65 0.00	22.57 -0.60 0.00	24.37 -0.62 0.00	27.89 -0.69 0.00	27.82 -0.86 0.00	24.59 -0.68 0.00	22.42 -0.50 0.00	27.29 -0.79 0.00	23.54 -0.73 0.00	23.48 -0.83 0.00	23.78 -0.63 0.00	22.61 -0.49 0.00	22.97 -0.49 0.00	23.41 -0.65 0.00	25.56 -1.04 0.00	21.87 -1.18 0.00	-9.19 -1.15 31.10	16.83 -0.85 0.00	12.78 -0.64 0.00	-0.40 -0.41 7.80	-8.50 -0.76 21.04
CHATEAUG_WT_PWR 323614	24.05 -0.74 0.00	23.06 -0.91 0.00	20.40 -0.76 0.00	19.54 -0.67 0.00	22.52 -0.65 0.00	24.32 -0.67 0.00	27.84 -0.74 0.00	27.74 -0.95 0.00	24.51 -0.76 0.00	22.35 -0.57 0.00	27.21 -0.87 0.00	23.44 -0.83 0.00	23.41 -0.90 0.00	23.69 -0.73 0.00	22.54 -0.55 0.00	22.92 -0.54 0.00	23.34 -0.72 0.00	25.46 -1.14 0.00	21.76 -1.29 0.00	-7.05 -1.31 28.80	16.75 -0.94 0.00	12.71 -0.71 0.00	0.14 -0.44 7.22	-7.02 -0.82 19.49
CHAT_HIGH_FALL_HYD 323578	24.10 -0.69 0.00	23.11 -0.86 0.00	20.45 -0.72 0.00	19.56 -0.65 0.00	22.57 -0.60 0.00	24.37 -0.62 0.00	27.89 -0.69 0.00	27.85 -0.83 0.00	24.59 -0.68 0.00	22.42 -0.50 0.00	27.29 -0.79 0.00	23.54 -0.73 0.00	23.48 -0.83 0.00	23.78 -0.63 0.00	22.61 -0.49 0.00	22.97 -0.49 0.00	23.41 -0.65 0.00	25.56 -1.04 0.00	21.88 -1.17 0.00	-9.19 -1.15 31.10	16.83 -0.85 0.00	12.78 -0.64 0.00	-0.40 -0.41 7.80	-8.50 -0.76 21.04
CHAUTAUQUA___LFGE 323629	28.62 -0.97 -4.80	26.99 -0.72 -3.73	24.47 -0.74 -4.04	23.69 -0.69 -4.17	25.70 -0.95 -3.48	27.86 -0.92 -3.79	35.23 -1.26 -7.90	36.27 -1.58 -9.16	31.15 -1.39 -7.27	29.02 -1.24 -7.33	28.93 -1.46 -2.32	25.73 -1.24 -2.70	25.66 -1.17 -2.51	25.63 -1.22 -2.43	24.99 -1.25 -3.14	25.82 -1.34 -3.69	27.69 -1.40 -5.03	32.84 -1.41 -7.65	28.82 -1.13 -6.90	28.47 -1.27 -6.67	24.16 -0.96 -7.43	20.33 -0.64 -7.56	15.62 -0.29 -8.11	19.10 -0.36 -6.16
CHERRYST_13_KV_LD 356241	45.75 1.41 -19.54	40.58 1.41 -15.19	38.88 1.25 -16.47	38.38 1.19 -16.98	38.70 1.37 -14.16	41.94 1.52 -15.42	62.48 1.71 -32.19	71.77 1.92 -41.16	59.56 1.64 -32.65	54.09 1.54 -29.64	40.39 2.11 -10.21	37.12 1.94 -10.92	36.38 1.92 -10.15	36.09 1.86 -9.82	37.50 1.73 -12.67	41.74 1.71 -16.57	48.40 1.76 -22.58	63.28 1.99 -34.68	55.95 1.66 -31.24	51.78 1.55 -27.16	49.03 1.08 -30.27	45.04 0.85 -30.78	41.32 0.50 -33.02	39.27 0.89 -25.08
CHESTROR_138KV_BK263 355645	44.00 1.02 -18.19	39.15 1.03 -14.14	37.41 0.91 -15.33	36.89 0.87 -15.81	37.33 0.97 -13.18	40.43 1.07 -14.36	59.75 1.20 -29.97	68.32 1.32 -38.32	56.75 1.09 -30.40	51.48 0.96 -27.59	38.90 1.32 -9.51	35.64 1.21 -10.16	34.95 1.19 -9.45	34.71 1.15 -9.14	35.93 1.04 -11.80	39.96 1.08 -15.42	46.24 1.15 -21.02	60.25 1.36 -32.29	53.24 1.11 -29.09	49.39 1.04 -25.29	46.60 0.74 -28.18	42.65 0.58 -28.66	38.88 0.34 -30.74	37.25 0.60 -23.35
CH_MIDHUDSON___DRP 24192	46.20 1.36 -20.04	40.90 1.34 -15.58	39.24 1.19 -16.89	38.76 1.13 -17.42	38.97 1.27 -14.52	42.21 1.40 -15.82	63.19 1.60 -33.01	72.65 1.75 -42.22	60.19 1.44 -33.49	54.60 1.28 -30.40	40.21 1.66 -10.48	36.94 1.48 -11.20	36.18 1.46 -10.41	35.90 1.42 -10.07	37.41 1.32 -13.00	41.84 1.38 -16.99	48.69 1.47 -23.16	63.85 1.68 -35.57	56.50 1.41 -32.05	52.24 1.31 -27.86	49.68 0.95 -31.04	45.73 0.74 -31.57	42.10 0.43 -33.87	39.77 0.74 -25.73

CH_MISC_IPPS 23765	45.87 1.41 -19.66	40.67 1.41 -15.28	38.96 1.23 -16.57	38.47 1.17 -17.09	38.74 1.32 -14.25	41.96 1.45 -15.52	62.62 1.66 -32.39	71.96 1.84 -41.44	59.62 1.49 -32.87	54.06 1.31 -29.83	40.04 1.68 -10.28	36.73 1.48 -10.99	35.96 1.43 -10.22	35.69 1.39 -9.88	37.17 1.32 -12.76	41.52 1.38 -16.68	48.31 1.52 -22.73	63.22 1.73 -34.90	55.94 1.45 -31.44	51.76 1.36 -27.33	49.14 1.01 -30.45	45.17 0.78 -30.97	41.46 0.44 -33.22	39.30 0.77 -25.24
CH_RES_BVR_FALLS 23983	24.12 -0.67 0.00	23.30 -0.67 0.00	20.59 -0.57 0.00	19.68 -0.53 0.00	22.62 -0.56 0.00	24.39 -0.60 0.00	27.87 -0.71 0.00	27.97 -0.72 0.00	24.69 -0.58 0.00	22.39 -0.53 0.00	27.40 -0.67 0.00	23.71 -0.56 0.00	23.75 -0.56 0.00	23.88 -0.54 0.00	22.59 -0.51 0.00	22.90 -0.56 0.00	23.39 -0.67 0.00	25.77 -0.82 0.00	22.29 -0.76 0.00	22.31 -0.76 0.00	17.10 -0.58 0.00	12.98 -0.44 0.00	7.54 -0.27 0.00	12.82 -0.48 0.00
CH_RES_NIAGARA 23895	27.59 -1.71 -4.51	25.99 -1.49 -3.50	23.52 -1.44 -3.80	22.79 -1.33 -3.92	24.72 -1.71 -3.27	26.78 -1.77 -3.56	33.66 -2.34 -7.42	34.16 -2.81 -8.29	29.49 -2.35 -6.57	27.75 -2.06 -6.89	27.69 -2.50 -2.11	24.79 -2.01 -2.54	24.75 -1.92 -2.36	24.75 -1.95 -2.28	24.08 -1.96 -2.95	24.78 -2.02 -3.34	26.42 -2.19 -4.55	31.17 -2.34 -6.92	27.44 -1.84 -6.23	27.39 -1.94 -6.27	23.21 -1.45 -6.98	19.53 -0.99 -7.10	14.93 -0.46 -7.59	18.43 -0.64 -5.77
CH_RES_SYRACUSE 23985	28.36 -0.05 -3.62	26.76 -0.02 -2.81	24.19 -0.02 -3.05	23.31 -0.04 -3.14	25.72 -0.07 -2.62	27.77 -0.07 -2.85	34.51 -0.03 -5.96	36.29 0.09 -7.52	31.28 0.05 -5.97	28.36 0.02 -5.42	30.00 0.06 -1.87	26.26 0.00 -1.99	26.19 0.02 -1.86	26.21 0.00 -1.79	25.41 0.00 -2.32	26.54 0.05 -3.03	28.28 0.10 -4.13	33.18 0.16 -6.42	29.02 0.18 -5.78	28.30 0.21 -5.03	23.46 0.18 -5.60	19.24 0.12 -5.70	13.98 0.06 -6.11	18.07 0.13 -4.64
CLINTON_WT_PWR 323605	24.05 -0.74 0.00	23.06 -0.91 0.00	20.40 -0.76 0.00	19.54 -0.67 0.00	22.52 -0.65 0.00	24.32 -0.67 0.00	27.84 -0.74 0.00	27.74 -0.95 0.00	24.51 -0.76 0.00	22.35 -0.57 0.00	27.21 -0.87 0.00	23.44 -0.83 0.00	23.41 -0.90 0.00	23.69 -0.73 0.00	22.54 -0.55 0.00	22.92 -0.54 0.00	23.34 -0.72 0.00	25.46 -1.14 0.00	21.76 -1.29 0.00	-7.05 -1.31 28.80	16.75 -0.94 0.00	12.71 -0.71 0.00	0.14 -0.44 7.22	-7.02 -0.82 19.49
CLINTON__LFGE 323618	24.32 -0.47 0.00	23.28 -0.70 0.00	20.59 -0.57 0.00	19.70 -0.50 0.00	22.78 -0.39 0.00	24.59 -0.40 0.00	28.21 -0.37 0.00	28.17 -0.52 0.00	24.94 -0.33 0.00	22.69 -0.23 0.00	27.57 -0.50 0.00	23.75 -0.51 0.00	23.73 -0.58 0.00	24.00 -0.42 0.00	22.84 -0.25 0.00	23.20 -0.26 0.00	23.67 -0.39 0.00	25.88 -0.72 0.00	22.17 -0.88 0.00	-7.67 -0.51 30.23	17.10 -0.58 0.00	12.96 -0.46 0.00	0.00 -0.23 7.58	-7.58 -0.43 20.46
COBBLENY_34_KV_TB1 80064	28.50 -1.07 -4.77	26.85 -0.84 -3.71	24.32 -0.87 -4.02	23.54 -0.81 -4.15	25.54 -1.09 -3.46	27.66 -1.10 -3.77	34.98 -1.46 -7.86	35.98 -1.72 -9.02	30.91 -1.52 -7.15	28.83 -1.33 -7.24	28.78 -1.57 -2.28	25.62 -1.31 -2.67	25.55 -1.24 -2.48	25.52 -1.29 -2.40	24.90 -1.29 -3.09	25.76 -1.34 -3.63	27.61 -1.40 -4.95	32.81 -1.38 -7.60	28.79 -1.11 -6.84	28.43 -1.27 -6.63	24.14 -0.94 -7.39	20.30 -0.63 -7.52	15.58 -0.28 -8.06	19.03 -0.39 -6.12
COFFEEN__115KV_TB3 355620	26.99 0.12 -2.08	25.61 0.02 -1.61	22.92 0.00 -1.75	21.93 -0.08 -1.81	24.65 -0.02 -1.51	26.71 0.07 -1.64	32.49 0.49 -3.42	33.64 0.57 -4.38	29.02 0.28 -3.48	26.12 0.05 -3.16	29.13 -0.03 -1.09	25.13 -0.29 -1.16	25.00 -0.39 -1.08	25.07 -0.39 -1.05	24.12 -0.32 -1.35	25.06 -0.16 -1.76	26.58 0.12 -2.40	30.58 0.29 -3.69	26.69 0.32 -3.32	27.48 0.32 -4.09	21.11 0.21 -3.22	16.72 0.03 -3.27	11.62 0.00 -3.81	16.71 -0.07 -3.48
COLDSPRG_115KV_BK1 355956	28.84 -0.84 -4.89	27.23 -0.55 -3.80	24.67 -0.61 -4.12	23.91 -0.55 -4.25	25.93 -0.79 -3.54	28.13 -0.72 -3.86	35.72 -0.91 -8.06	36.89 -1.15 -9.36	31.60 -1.09 -7.42	29.29 -1.05 -7.42	29.23 -1.21 -2.36	25.95 -1.04 -2.73	25.85 -1.00 -2.54	25.75 -1.12 -2.46	25.11 -1.15 -3.17	25.99 -1.24 -3.77	27.94 -1.25 -5.14	33.42 -1.06 -7.88	29.16 -0.99 -7.10	28.69 -1.18 -6.80	24.38 -0.88 -7.58	20.52 -0.60 -7.71	15.79 -0.28 -8.26	19.20 -0.37 -6.28
COLONIE_LFGE__ 323577	50.63 1.26 -24.57	44.29 1.22 -19.10	42.93 1.06 -20.71	42.57 1.01 -21.35	42.13 1.16 -17.80	45.68 1.30 -19.39	70.56 1.51 -40.47	81.92 1.46 -51.77	67.62 1.29 -41.06	61.34 1.15 -37.27	42.30 1.38 -12.85	39.13 1.14 -13.73	38.25 1.17 -12.77	37.94 1.17 -12.35	40.14 1.11 -15.94	45.45 1.15 -20.84	53.66 1.20 -28.40	71.56 1.36 -43.61	63.53 1.20 -39.28	58.37 1.15 -34.15	56.57 0.83 -38.05	52.75 0.63 -38.70	49.69 0.37 -41.51	45.46 0.63 -31.53
COOPERNY_115KV_TB1 80082	40.52 0.74 -14.98	36.39 0.77 -11.65	34.47 0.68 -12.63	33.87 0.65 -13.02	34.75 0.72 -10.86	37.64 0.82 -11.82	54.17 0.91 -24.68	61.25 1.00 -31.56	51.11 0.81 -25.03	46.38 0.73 -22.72	36.92 1.01 -7.83	33.55 0.92 -8.37	33.02 0.92 -7.79	32.82 0.88 -7.53	33.60 0.79 -9.72	36.99 0.82 -12.70	42.26 0.89 -17.31	54.20 1.01 -26.59	47.86 0.85 -23.96	44.68 0.78 -20.83	41.46 0.57 -23.21	37.46 0.44 -23.60	33.38 0.26 -25.32	32.99 0.47 -19.23
COPENHAGEN_WT_PWR 323753	26.87 -0.07 -2.15	25.50 -0.14 -1.67	22.83 -0.15 -1.81	21.87 -0.20 -1.87	24.54 -0.19 -1.56	26.57 -0.12 -1.69	32.29 0.17 -3.54	33.41 0.26 -4.48	28.87 0.05 -3.55	26.03 -0.11 -3.22	28.99 -0.20 -1.11	25.04 -0.41 -1.19	24.93 -0.49 -1.10	25.00 -0.49 -1.07	24.06 -0.42 -1.38	24.96 -0.31 -1.80	26.44 -0.07 -2.45	30.46 0.05 -3.81	26.58 0.09 -3.43	27.28 0.09 -4.12	21.06 0.05 -3.33	16.73 -0.07 -3.38	11.67 -0.05 -3.91	16.65 -0.17 -3.53
CORNELL____ 23752	31.07 0.50 -5.78	28.97 0.50 -4.49	26.46 0.42 -4.87	25.61 0.38 -5.02	27.78 0.42 -4.19	30.06 0.50 -4.56	38.82 0.71 -9.52	41.54 0.80 -12.06	35.44 0.61 -9.56	32.17 0.48 -8.77	31.66 0.59 -3.00	27.90 0.41 -3.23	27.73 0.41 -3.00	27.71 0.39 -2.90	27.22 0.37 -3.75	28.76 0.45 -4.85	31.27 0.60 -6.61	37.53 0.77 -10.16	32.91 0.71 -9.15	31.79 0.69 -8.04	27.15 0.51 -8.95	22.89 0.36 -9.11	17.77 0.20 -9.77	21.08 0.36 -7.42
CORONAAV_69_KV_TB1 355595	51.04 2.01 -24.24	46.52 1.99 -20.55	97.74 1.76 -74.82	54.08 1.68 -32.19	54.54 1.90 -29.47	129.26 2.10 -102.17	71.18 2.40 -40.20	84.23 2.58 -52.97	60.12 2.20 -32.66	54.33 1.76 -29.64	40.73 2.44 -10.22	37.32 2.14 -10.92	38.32 2.31 -11.70	37.27 2.25 -10.60	38.59 2.06 -13.43	43.30 2.06 -17.78	60.78 2.17 -34.56	74.46 2.47 -45.39	64.69 2.07 -39.56	61.87 1.98 -36.82	60.70 1.45 -41.56	58.71 1.13 -44.17	41.53 0.69 -33.04	39.53 1.14 -25.09
CORTLAND_115KV_TB3 80093	30.02 0.30 -4.93	28.12 0.31 -3.83	25.57 0.25 -4.15	24.73 0.24 -4.28	27.00 0.25 -3.57	29.19 0.30 -3.89	37.16 0.46 -8.12	39.52 0.52 -10.32	33.83 0.38 -8.19	30.67 0.28 -7.48	31.00 0.36 -2.56	27.28 0.27 -2.75	27.14 0.27 -2.56	27.14 0.24 -2.48	26.52 0.23 -3.20	27.90 0.28 -4.15	30.11 0.38 -5.66	35.78 0.48 -8.70	31.35 0.46 -7.83	30.36 0.44 -6.85	25.64 0.32 -7.64	21.41 0.23 -7.76	16.27 0.13 -8.33	19.86 0.24 -6.33

COXSACKIE___GT 23611	49.56 1.66 -23.11	43.47 1.54 -17.96	41.97 1.33 -19.47	41.52 1.23 -20.08	41.37 1.46 -16.74	44.83 1.60 -18.24	68.44 1.80 -38.06	79.12 1.75 -48.69	65.35 1.46 -38.62	59.05 1.08 -35.06	41.14 0.98 -12.08	37.85 0.68 -12.91	36.98 0.66 -12.01	36.81 0.78 -11.61	38.89 0.81 -14.99	43.97 0.91 -19.59	51.92 1.15 -26.71	69.15 1.54 -41.01	61.33 1.34 -36.94	56.48 1.29 -32.12	54.48 1.01 -35.79	50.51 0.70 -36.39	47.22 0.37 -39.04	43.54 0.58 -29.66
CPV_VALLEY___CC1 323721	42.63 0.82 -17.02	38.04 0.84 -13.23	36.25 0.74 -14.35	35.71 0.71 -14.79	36.32 0.81 -12.33	39.33 0.90 -13.43	57.59 0.97 -28.04	65.65 1.09 -35.88	54.61 0.88 -28.46	49.55 0.80 -25.83	38.07 1.09 -8.90	34.82 1.04 -9.51	34.20 1.04 -8.85	33.95 0.98 -8.56	35.04 0.90 -11.04	38.79 0.89 -14.44	44.70 0.96 -19.68	57.90 1.09 -30.21	51.19 0.92 -27.21	47.58 0.85 -23.66	44.65 0.60 -26.36	40.70 0.47 -26.81	36.85 0.28 -28.76	35.65 0.51 -21.85
CPV_VALLEY___CC2 323722	42.63 0.82 -17.02	38.04 0.84 -13.23	36.25 0.74 -14.35	35.71 0.71 -14.79	36.32 0.81 -12.33	39.33 0.90 -13.43	57.59 0.97 -28.04	65.65 1.09 -35.88	54.61 0.88 -28.46	49.55 0.80 -25.83	38.07 1.09 -8.90	34.82 1.04 -9.51	34.20 1.04 -8.85	33.95 0.98 -8.56	35.04 0.90 -11.04	38.79 0.89 -14.44	44.70 0.96 -19.68	57.90 1.09 -30.21	51.19 0.92 -27.21	47.58 0.85 -23.66	44.65 0.60 -26.36	40.70 0.47 -26.81	36.85 0.28 -28.76	35.65 0.51 -21.85
CRESCENT___HYD 24018	50.63 1.26 -24.57	44.29 1.22 -19.10	42.93 1.06 -20.71	42.57 1.01 -21.35	42.13 1.16 -17.80	45.68 1.30 -19.39	70.56 1.51 -40.47	81.92 1.46 -51.77	67.62 1.29 -41.06	61.34 1.15 -37.27	42.30 1.38 -12.85	39.13 1.14 -13.73	38.25 1.17 -12.77	37.94 1.17 -12.35	40.14 1.11 -15.94	45.45 1.15 -20.84	53.66 1.20 -28.40	71.56 1.36 -43.61	63.53 1.20 -39.28	58.37 1.15 -34.15	56.57 0.83 -38.05	52.75 0.63 -38.70	49.69 0.37 -41.51	45.46 0.63 -31.53
CRICKET___VALLEY_CC1 323756	46.74 1.34 -20.61	41.31 1.32 -16.02	39.70 1.16 -17.37	39.23 1.11 -17.91	39.36 1.25 -14.93	42.66 1.40 -16.27	64.10 1.57 -33.95	73.81 1.69 -43.44	61.16 1.44 -34.45	55.50 1.31 -31.27	40.54 1.68 -10.78	37.26 1.48 -11.52	36.51 1.48 -10.71	36.22 1.44 -10.36	37.81 1.34 -13.37	42.33 1.38 -17.48	49.28 1.39 -23.83	64.72 1.54 -36.58	57.32 1.31 -32.95	52.96 1.24 -28.65	50.49 0.88 -31.92	46.58 0.70 -32.46	43.04 0.41 -34.83	40.48 0.73 -26.45
CRICKET___VALLEY_CC2 323757	46.74 1.34 -20.61	41.31 1.32 -16.02	39.70 1.16 -17.37	39.23 1.11 -17.91	39.36 1.25 -14.93	42.66 1.40 -16.27	64.10 1.57 -33.95	73.81 1.69 -43.44	61.16 1.44 -34.45	55.50 1.31 -31.27	40.54 1.68 -10.78	37.26 1.48 -11.52	36.51 1.48 -10.71	36.22 1.44 -10.36	37.81 1.34 -13.37	42.33 1.38 -17.48	49.28 1.39 -23.83	64.72 1.54 -36.58	57.32 1.31 -32.95	52.96 1.24 -28.65	50.49 0.88 -31.92	46.58 0.70 -32.46	43.04 0.41 -34.83	40.48 0.73 -26.45
CRICKET___VALLEY_CC3 323758	46.74 1.34 -20.61	41.31 1.32 -16.02	39.70 1.16 -17.37	39.23 1.11 -17.91	39.36 1.25 -14.93	42.66 1.40 -16.27	64.10 1.57 -33.95	73.81 1.69 -43.44	61.16 1.44 -34.45	55.50 1.31 -31.27	40.54 1.68 -10.78	37.26 1.48 -11.52	36.51 1.48 -10.71	36.22 1.44 -10.36	37.81 1.34 -13.37	42.33 1.38 -17.48	49.28 1.39 -23.83	64.72 1.54 -36.58	57.32 1.31 -32.95	52.96 1.24 -28.65	50.49 0.88 -31.92	46.58 0.70 -32.46	43.04 0.41 -34.83	40.48 0.73 -26.45
CRUCIBLE_METL_DRP 24180	28.36 -0.05 -3.62	26.76 -0.02 -2.81	24.19 -0.02 -3.05	23.31 -0.04 -3.14	25.72 -0.07 -2.62	27.77 -0.07 -2.85	34.51 -0.03 -5.96	36.41 0.11 -7.62	31.36 0.05 -6.04	28.43 0.02 -5.49	30.02 0.06 -1.89	26.28 0.00 -2.02	26.21 0.02 -1.88	26.23 0.00 -1.82	25.44 0.00 -2.35	26.58 0.05 -3.07	28.33 0.10 -4.18	33.18 0.16 -6.42	29.02 0.18 -5.78	28.30 0.21 -5.03	23.46 0.18 -5.60	19.24 0.12 -5.70	13.98 0.06 -6.11	18.06 0.12 -4.64
DAHOWA___HYDRO 323763	50.99 1.29 -24.91	44.54 1.20 -19.36	43.22 1.06 -21.00	42.85 0.99 -21.65	42.38 1.16 -18.05	45.98 1.32 -19.66	71.27 1.66 -41.03	82.78 1.61 -52.49	68.26 1.36 -41.63	61.79 1.08 -37.79	42.39 1.29 -13.02	39.18 1.00 -13.92	38.25 1.00 -12.95	37.92 0.98 -12.52	40.23 0.97 -16.16	45.71 1.13 -21.13	54.13 1.27 -28.80	72.30 1.49 -44.22	64.19 1.31 -39.83	59.01 1.31 -34.63	57.24 0.97 -38.58	53.38 0.72 -39.24	50.30 0.40 -42.09	45.92 0.65 -31.97
DANC___LFGE 323619	27.05 -0.27 -2.53	25.63 -0.31 -1.97	23.02 -0.28 -2.13	22.10 -0.30 -2.20	24.68 -0.32 -1.83	26.67 -0.33 -2.00	32.64 -0.11 -4.17	33.93 -0.09 -5.33	29.32 -0.18 -4.23	26.49 -0.27 -3.84	29.03 -0.37 -1.32	25.19 -0.49 -1.41	25.09 -0.53 -1.32	25.15 -0.54 -1.27	24.25 -0.49 -1.64	25.21 -0.40 -2.15	26.77 -0.22 -2.93	30.96 -0.13 -4.49	27.03 -0.07 -4.05	27.31 -0.07 -4.31	21.55 -0.05 -3.92	17.29 -0.12 -3.99	12.20 -0.08 -4.48	16.91 -0.17 -3.78
DANSKAMMER___1 23586	45.87 1.41 -19.66	40.67 1.41 -15.28	38.96 1.23 -16.57	38.47 1.17 -17.09	38.74 1.32 -14.25	41.96 1.45 -15.52	62.62 1.66 -32.39	71.96 1.84 -41.44	59.62 1.49 -32.87	54.06 1.31 -29.83	40.04 1.68 -10.28	36.73 1.48 -10.99	35.96 1.43 -10.22	35.69 1.39 -9.88	37.17 1.32 -12.76	41.52 1.38 -16.68	48.31 1.52 -22.73	63.22 1.73 -34.90	55.94 1.45 -31.44	51.76 1.36 -27.33	49.14 1.01 -30.45	45.17 0.78 -30.97	41.46 0.44 -33.22	39.30 0.77 -25.24
DANSKAMMER___2 23589	45.87 1.41 -19.66	40.67 1.41 -15.28	38.96 1.23 -16.57	38.47 1.17 -17.09	38.74 1.32 -14.25	41.96 1.45 -15.52	62.62 1.66 -32.39	71.96 1.84 -41.44	59.62 1.49 -32.87	54.06 1.31 -29.83	40.04 1.68 -10.28	36.73 1.48 -10.99	35.96 1.43 -10.22	35.69 1.39 -9.88	37.17 1.32 -12.76	41.52 1.38 -16.68	48.31 1.52 -22.73	63.22 1.73 -34.90	55.94 1.45 -31.44	51.76 1.36 -27.33	49.14 1.01 -30.45	45.17 0.78 -30.97	41.46 0.44 -33.22	39.30 0.77 -25.24
DANSKAMMER___3 23590	45.87 1.41 -19.66	40.67 1.41 -15.28	38.96 1.23 -16.57	38.47 1.17 -17.09	38.74 1.32 -14.25	41.96 1.45 -15.52	62.62 1.66 -32.39	71.96 1.84 -41.44	59.62 1.49 -32.87	54.06 1.31 -29.83	40.04 1.68 -10.28	36.73 1.48 -10.99	35.96 1.43 -10.22	35.69 1.39 -9.88	37.17 1.32 -12.76	41.52 1.38 -16.68	48.31 1.52 -22.73	63.22 1.73 -34.90	55.94 1.45 -31.44	51.76 1.36 -27.33	49.14 1.01 -30.45	45.17 0.78 -30.97	41.46 0.44 -33.22	39.30 0.77 -25.24
DANSKAMMER___4 23591	45.87 1.41 -19.66	40.67 1.41 -15.28	38.96 1.23 -16.57	38.47 1.17 -17.09	38.74 1.32 -14.25	41.96 1.45 -15.52	62.62 1.66 -32.39	71.96 1.84 -41.44	59.62 1.49 -32.87	54.06 1.31 -29.83	40.04 1.68 -10.28	36.73 1.48 -10.99	35.96 1.43 -10.22	35.69 1.39 -9.88	37.17 1.32 -12.76	41.52 1.38 -16.68	48.31 1.52 -22.73	63.22 1.73 -34.90	55.94 1.45 -31.44	51.76 1.36 -27.33	49.14 1.01 -30.45	45.17 0.78 -30.97	41.46 0.44 -33.22	39.30 0.77 -25.24
DANSKAMMER___DIESEL 23592	45.87 1.41 -19.66	40.67 1.41 -15.28	38.96 1.23 -16.57	38.47 1.17 -17.09	38.74 1.32 -14.25	41.96 1.45 -15.52	62.62 1.66 -32.39	71.93 1.84 -41.42	59.61 1.49 -32.85	54.05 1.31 -29.82	40.04 1.68 -10.28	36.73 1.48 -10.98	35.96 1.43 -10.22	35.69 1.39 -9.88	37.16 1.32 -12.75	41.51 1.38 -16.67	48.30 1.52 -22.72	63.25 1.76 -34.90	55.94 1.45 -31.44	51.78 1.38 -27.33	49.14 1.01 -30.45	45.17 0.78 -30.97	41.46 0.44 -33.22	39.30 0.77 -25.24

DARBY___SOLAR 323810	50.94 1.29 -24.86	44.52 1.22 -19.32	43.18 1.06 -20.96	42.82 1.01 -21.61	42.34 1.16 -18.01	45.94 1.32 -19.62	71.19 1.66 -40.95	82.67 1.61 -52.39	68.18 1.36 -41.55	61.76 1.12 -37.72	42.42 1.35 -13.00	39.20 1.04 -13.89	38.28 1.04 -12.92	37.96 1.05 -12.49	40.24 1.02 -16.13	45.69 1.15 -21.08	54.07 1.27 -28.74	72.19 1.46 -44.13	64.09 1.29 -39.75	58.92 1.29 -34.56	57.15 0.95 -38.51	53.29 0.71 -39.16	50.21 0.40 -42.01	45.86 0.65 -31.91
DASHVILLE___HYD 23610	46.10 0.79 -20.51	40.71 0.79 -15.94	39.15 0.70 -17.29	38.70 0.67 -17.82	38.77 0.74 -14.86	42.01 0.82 -16.19	63.30 0.94 -33.78	73.00 1.12 -43.20	60.42 0.88 -34.26	54.78 0.76 -31.10	39.81 1.01 -10.72	36.64 0.92 -11.46	35.84 0.88 -10.66	35.53 0.81 -10.30	37.16 0.76 -13.30	41.67 0.82 -17.39	48.67 0.91 -23.70	64.06 1.06 -36.40	56.72 0.88 -32.79	52.38 0.81 -28.51	50.01 0.57 -31.77	46.17 0.44 -32.30	42.71 0.25 -34.65	40.07 0.45 -26.32
DEERFIELD_69_KV_DEERFIELD LD 355887	53.71 3.35 -25.57	47.36 3.28 -20.10	44.17 2.84 -20.16	43.63 2.75 -20.67	41.41 3.11 -15.14	49.33 3.42 -20.91	75.10 4.03 -42.49	89.27 4.24 -56.34	61.54 3.61 -32.66	55.36 2.80 -29.64	41.97 3.68 -10.22	38.26 3.08 -10.92	37.81 3.26 -10.25	37.45 3.17 -9.86	38.73 3.03 -12.61	44.46 3.26 -17.74	62.20 3.58 -34.56	76.10 4.15 -45.35	66.10 3.53 -39.52	63.26 3.41 -36.78	61.74 2.49 -41.56	59.46 1.88 -44.17	41.95 1.10 -33.04	40.13 1.74 -25.09
DELAWARE___LFGE 323621	34.66 0.77 -9.09	31.83 0.79 -7.07	29.51 0.68 -7.66	28.74 0.63 -7.90	30.46 0.70 -6.59	33.00 0.82 -7.18	44.62 1.06 -14.98	48.79 1.03 -19.08	41.26 0.86 -15.13	37.47 0.76 -13.79	33.82 1.01 -4.74	30.14 0.80 -5.08	29.81 0.78 -4.73	29.74 0.76 -4.57	29.69 0.69 -5.90	31.89 0.75 -7.68	35.42 0.89 -10.47	43.63 0.96 -16.07	38.38 0.85 -14.48	36.54 0.83 -12.64	32.37 0.60 -14.09	28.17 0.43 -14.32	23.42 0.25 -15.37	25.41 0.44 -11.67
DERFIELD_115KV_TB7 355931	25.41 0.12 -0.49	24.50 0.14 -0.38	21.69 0.11 -0.42	20.74 0.10 -0.43	23.65 0.12 -0.36	25.54 0.15 -0.39	29.60 0.20 -0.82	29.93 0.20 -1.04	26.25 0.15 -0.83	23.79 0.11 -0.75	28.50 0.17 -0.26	24.66 0.12 -0.28	24.69 0.12 -0.26	24.79 0.12 -0.25	23.51 0.09 -0.32	23.98 0.09 -0.42	24.75 0.12 -0.57	27.61 0.13 -0.88	23.96 0.12 -0.79	23.85 0.09 -0.69	18.52 0.07 -0.77	14.24 0.04 -0.78	8.67 0.03 -0.84	13.98 0.05 -0.64
DOGLEVILLE___HYD 23807	26.63 1.34 -0.49	25.63 1.27 -0.38	22.70 1.12 -0.42	21.69 1.05 -0.43	24.76 1.23 -0.36	26.73 1.35 -0.39	31.02 1.63 -0.82	31.18 1.61 -0.90	27.37 1.39 -0.71	24.80 1.24 -0.65	29.84 1.54 -0.22	25.79 1.29 -0.24	25.79 1.26 -0.22	25.90 1.27 -0.21	24.55 1.18 -0.28	25.02 1.20 -0.36	25.83 1.27 -0.49	28.78 1.30 -0.88	24.97 1.13 -0.79	24.84 1.08 -0.69	19.26 0.81 -0.77	14.78 0.58 -0.78	8.99 0.35 -0.84	14.52 0.58 -0.64
DUNKIRK___115KV_TB_200 55889	28.65 -0.94 -4.80	27.01 -0.70 -3.73	24.49 -0.72 -4.04	23.71 -0.67 -4.17	25.72 -0.93 -3.47	27.88 -0.90 -3.78	35.25 -1.23 -7.90	36.24 -1.52 -9.08	31.10 -1.36 -7.20	28.98 -1.21 -7.27	28.94 -1.43 -2.29	25.75 -1.19 -2.68	25.66 -1.14 -2.49	25.61 -1.22 -2.41	24.98 -1.22 -3.11	25.83 -1.29 -3.66	27.69 -1.35 -4.98	32.94 -1.30 -7.65	28.85 -1.08 -6.89	28.51 -1.22 -6.67	24.19 -0.92 -7.43	20.37 -0.60 -7.55	15.63 -0.27 -8.10	19.11 -0.35 -6.15
DUNKIRK___1 23563	28.65 -0.94 -4.80	27.01 -0.70 -3.73	24.49 -0.72 -4.04	23.71 -0.67 -4.17	25.72 -0.93 -3.47	27.88 -0.90 -3.78	35.25 -1.23 -7.90	36.24 -1.52 -9.08	31.10 -1.36 -7.20	28.98 -1.21 -7.27	28.94 -1.43 -2.29	25.75 -1.19 -2.68	25.66 -1.14 -2.49	25.61 -1.22 -2.41	24.98 -1.22 -3.11	25.83 -1.29 -3.66	27.69 -1.35 -4.98	32.94 -1.30 -7.65	28.85 -1.08 -6.89	28.51 -1.22 -6.67	24.19 -0.92 -7.43	20.37 -0.60 -7.55	15.63 -0.27 -8.10	19.11 -0.35 -6.15
DUNKIRK___2 23564	28.65 -0.94 -4.80	27.01 -0.70 -3.73	24.49 -0.72 -4.04	23.71 -0.67 -4.17	25.72 -0.93 -3.47	27.88 -0.90 -3.78	35.25 -1.23 -7.90	36.24 -1.52 -9.08	31.10 -1.36 -7.20	28.98 -1.21 -7.27	28.94 -1.43 -2.29	25.75 -1.19 -2.68	25.66 -1.14 -2.49	25.61 -1.22 -2.41	24.98 -1.22 -3.11	25.83 -1.29 -3.66	27.69 -1.35 -4.98	32.94 -1.30 -7.65	28.85 -1.08 -6.89	28.51 -1.22 -6.67	24.19 -0.92 -7.43	20.37 -0.60 -7.55	15.63 -0.27 -8.10	19.11 -0.35 -6.15
DUNKIRK___3 23565	28.60 -0.99 -4.80	26.97 -0.74 -3.73	24.43 -0.78 -4.05	23.65 -0.73 -4.17	25.66 -1.00 -3.48	27.81 -0.97 -3.79	35.15 -1.34 -7.91	36.17 -1.61 -9.10	31.05 -1.44 -7.22	28.90 -1.31 -7.28	28.86 -1.52 -2.30	25.68 -1.26 -2.68	25.59 -1.22 -2.50	25.54 -1.29 -2.41	24.92 -1.29 -3.11	25.77 -1.36 -3.67	27.63 -1.42 -4.99	32.91 -1.36 -7.67	28.83 -1.13 -6.91	28.45 -1.29 -6.68	24.17 -0.95 -7.44	20.34 -0.64 -7.57	15.64 -0.28 -8.11	19.09 -0.37 -6.16
DUNKIRK___4 23566	28.52 -1.02 -4.75	26.90 -0.77 -3.69	24.36 -0.80 -4.00	23.60 -0.73 -4.13	25.62 -1.00 -3.44	27.74 -1.00 -3.75	35.06 -1.34 -7.82	35.98 -1.63 -8.93	30.89 -1.47 -7.08	28.81 -1.31 -7.20	28.82 -1.52 -2.26	25.63 -1.29 -2.65	25.56 -1.22 -2.47	25.51 -1.29 -2.38	24.88 -1.29 -3.08	25.70 -1.36 -3.60	27.54 -1.42 -4.90	32.74 -1.38 -7.52	28.67 -1.15 -6.78	28.37 -1.29 -6.60	24.08 -0.95 -7.35	20.25 -0.64 -7.48	15.54 -0.29 -8.02	19.00 -0.39 -6.09
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	45.67 1.34 -19.54	40.51 1.34 -15.19	38.80 1.16 -16.47	38.32 1.13 -16.98	38.61 1.27 -14.16	41.87 1.45 -15.42	62.43 1.66 -32.19	71.71 1.86 -41.17	59.46 1.54 -32.65	53.98 1.42 -29.64	40.20 1.91 -10.21	36.93 1.75 -10.92	36.21 1.75 -10.15	35.92 1.68 -9.82	37.32 1.55 -12.67	41.60 1.57 -16.57	48.28 1.64 -22.58	63.17 1.89 -34.69	55.86 1.57 -31.24	51.71 1.48 -27.17	48.99 1.04 -30.27	45.02 0.82 -30.78	41.29 0.47 -33.02	39.20 0.82 -25.08
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	45.03 1.17 -19.07	39.95 1.15 -14.83	38.26 1.02 -16.08	37.75 0.97 -16.58	38.10 1.11 -13.82	41.25 1.20 -15.05	61.37 1.37 -31.42	70.38 1.52 -40.18	58.37 1.24 -31.87	52.93 1.08 -28.93	39.48 1.43 -9.97	36.20 1.29 -10.65	35.48 1.26 -9.91	35.22 1.22 -9.58	36.60 1.13 -12.37	40.80 1.17 -16.17	47.38 1.28 -22.04	61.94 1.49 -33.85	54.79 1.24 -30.50	50.73 1.15 -26.51	48.06 0.83 -29.54	44.11 0.64 -30.04	40.41 0.37 -32.23	38.44 0.66 -24.48
E179THST_138_KV_TB4_REV_LBMP_J 345001	45.97 1.64 -19.54	40.80 1.63 -15.19	39.05 1.42 -16.47	38.56 1.37 -16.98	38.88 1.55 -14.16	41.89 1.47 -15.42	62.17 1.40 -32.19	71.45 1.61 -41.17	59.28 1.36 -32.65	53.87 1.31 -29.64	40.17 1.88 -10.21	36.95 1.77 -10.92	36.21 1.75 -10.15	35.92 1.68 -9.82	37.34 1.57 -12.67	41.58 1.55 -16.57	48.23 1.59 -22.58	63.01 1.73 -34.69	55.75 1.45 -31.25	51.62 1.38 -27.17	48.91 0.95 -30.27	44.97 0.76 -30.78	41.29 0.47 -33.02	39.37 0.98 -25.09
E179THST_13_KV_LOAD 356214	46.10 1.76 -19.54	40.89 1.73 -15.19	39.14 1.50 -16.47	38.65 1.45 -16.98	38.98 1.65 -14.16	41.99 1.57 -15.42	62.28 1.51 -32.19	71.60 1.75 -41.17	59.41 1.49 -32.65	53.98 1.42 -29.64	40.31 2.02 -10.21	37.07 1.89 -10.92	36.34 1.87 -10.15	36.04 1.81 -9.82	37.46 1.69 -12.67	41.70 1.67 -16.57	48.38 1.73 -22.58	63.17 1.89 -34.69	55.89 1.59 -31.25	51.75 1.52 -27.17	49.00 1.04 -30.27	45.02 0.82 -30.78	41.33 0.51 -33.02	39.44 1.05 -25.09

EAST HAMPTON___GT 23717	53.98 3.62 -25.57	47.65 3.57 -20.10	44.42 3.09 -20.17	43.85 2.97 -20.67	41.67 3.36 -15.14	49.63 3.72 -20.91	75.47 4.40 -42.49	89.66 4.62 -56.36	61.90 3.94 -32.69	55.65 3.07 -29.66	42.28 3.99 -10.22	38.54 3.35 -10.92	38.08 3.52 -10.25	37.70 3.42 -9.87	39.10 3.28 -12.73	44.77 3.56 -17.74	62.55 3.92 -34.57	76.44 4.50 -45.35	66.44 3.87 -39.52	63.58 3.74 -36.78	61.99 2.74 -41.56	59.64 2.05 -44.17	42.04 1.19 -33.04	40.28 1.90 -25.09
EAST RIVER___6 23660	45.65 1.31 -19.54	40.48 1.32 -15.19	38.80 1.16 -16.47	38.32 1.13 -16.98	38.60 1.27 -14.16	41.84 1.42 -15.42	62.34 1.57 -32.19	71.67 1.81 -41.18	59.47 1.54 -32.66	54.04 1.47 -29.65	40.34 2.05 -10.22	37.08 1.89 -10.92	36.34 1.87 -10.16	36.05 1.81 -9.82	37.46 1.69 -12.68	41.70 1.67 -16.57	48.36 1.71 -22.59	63.12 1.83 -34.68	55.88 1.59 -31.24	51.71 1.48 -27.16	48.97 1.03 -30.27	45.02 0.82 -30.78	41.30 0.48 -33.02	39.23 0.85 -25.08
EAST RIVER___7 23524	45.65 1.31 -19.54	40.48 1.32 -15.19	38.80 1.16 -16.47	38.32 1.13 -16.98	38.60 1.27 -14.16	41.84 1.42 -15.42	62.34 1.57 -32.19	71.67 1.81 -41.18	59.47 1.54 -32.66	54.04 1.47 -29.65	40.34 2.05 -10.22	37.08 1.89 -10.92	36.34 1.87 -10.16	36.05 1.81 -9.82	37.46 1.69 -12.68	41.70 1.67 -16.57	48.36 1.71 -22.59	63.12 1.83 -34.68	55.88 1.59 -31.24	51.71 1.48 -27.16	48.97 1.03 -30.27	45.02 0.82 -30.78	41.30 0.48 -33.02	39.23 0.85 -25.08
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	45.61 1.31 -19.51	40.43 1.29 -15.16	38.75 1.14 -16.44	38.27 1.11 -16.95	38.56 1.25 -14.13	41.79 1.40 -15.39	62.31 1.60 -32.13	71.55 1.78 -41.09	59.35 1.49 -32.59	53.85 1.35 -29.58	40.09 1.82 -10.19	36.83 1.67 -10.90	36.10 1.65 -10.13	35.80 1.59 -9.80	37.22 1.48 -12.65	41.50 1.50 -16.53	48.16 1.56 -22.54	63.00 1.78 -34.62	55.73 1.50 -31.18	51.59 1.41 -27.11	48.88 0.99 -30.21	44.92 0.78 -30.72	41.21 0.45 -32.96	39.13 0.80 -25.03
EAST_HAMPTON___DIESEL 23722	54.01 3.65 -25.57	47.65 3.57 -20.10	44.42 3.09 -20.17	43.87 2.99 -20.67	41.67 3.36 -15.14	49.63 3.72 -20.91	75.47 4.40 -42.49	89.66 4.62 -56.36	61.90 3.94 -32.69	55.65 3.07 -29.66	42.31 4.01 -10.22	38.54 3.35 -10.92	38.08 3.52 -10.25	37.70 3.42 -9.87	39.10 3.28 -12.73	44.77 3.56 -17.74	62.57 3.95 -34.57	76.44 4.50 -45.35	66.44 3.87 -39.52	63.58 3.74 -36.78	61.99 2.74 -41.56	59.64 2.05 -44.17	42.04 1.19 -33.04	40.28 1.90 -25.09
EAST_PULASKI___ESR 323781	27.32 -0.37 -2.90	25.87 -0.36 -2.25	23.29 -0.32 -2.44	22.40 -0.32 -2.52	24.88 -0.39 -2.10	26.88 -0.40 -2.29	33.04 -0.31 -4.78	34.54 -0.26 -6.11	29.81 -0.30 -4.85	26.98 -0.34 -4.40	29.17 -0.42 -1.52	25.42 -0.46 -1.62	25.36 -0.46 -1.51	25.39 -0.49 -1.46	24.54 -0.44 -1.88	25.52 -0.40 -2.46	27.12 -0.29 -3.35	31.51 -0.24 -5.15	27.53 -0.16 -4.64	26.98 -0.12 -4.03	22.09 -0.09 -4.49	17.88 -0.11 -4.57	12.64 -0.07 -4.90	16.90 -0.12 -3.72
EAST_RIVER___1 323558	45.70 1.36 -19.54	40.53 1.37 -15.19	38.84 1.21 -16.47	38.34 1.15 -16.98	38.65 1.32 -14.16	41.87 1.45 -15.42	62.40 1.63 -32.19	71.70 1.84 -41.18	59.47 1.54 -32.66	54.02 1.44 -29.65	40.29 1.99 -10.22	37.03 1.84 -10.92	36.29 1.82 -10.16	36.02 1.78 -9.82	37.41 1.64 -12.68	41.68 1.64 -16.57	48.34 1.68 -22.59	63.14 1.86 -34.68	55.86 1.57 -31.24	51.71 1.48 -27.16	48.97 1.03 -30.27	45.02 0.82 -30.78	41.30 0.48 -33.02	39.24 0.86 -25.08
EAST_RIVER___2 323559	45.65 1.31 -19.54	40.48 1.32 -15.19	38.80 1.16 -16.47	38.32 1.13 -16.98	38.60 1.27 -14.16	41.84 1.42 -15.42	62.34 1.57 -32.19	71.67 1.81 -41.18	59.47 1.54 -32.66	54.04 1.47 -29.65	40.34 2.05 -10.22	37.08 1.89 -10.92	36.34 1.87 -10.16	36.05 1.81 -9.82	37.46 1.69 -12.68	41.70 1.67 -16.57	48.36 1.71 -22.59	63.12 1.83 -34.68	55.88 1.59 -31.24	51.71 1.48 -27.16	48.97 1.03 -30.27	45.02 0.82 -30.78	41.30 0.48 -33.02	39.23 0.85 -25.08
EAST___DELAWARE_HYD 23607	43.78 1.12 -17.87	38.97 1.10 -13.89	37.20 0.97 -15.06	36.67 0.93 -15.53	37.16 1.04 -12.95	40.22 1.13 -14.10	59.33 1.32 -29.44	67.87 1.52 -37.67	56.31 1.16 -29.87	50.98 0.94 -27.12	38.66 1.23 -9.35	35.32 1.07 -9.99	34.62 1.02 -9.29	34.38 0.98 -8.98	35.62 0.92 -11.59	39.63 1.01 -15.16	45.93 1.20 -20.66	59.73 1.41 -31.72	52.80 1.17 -28.57	48.99 1.08 -24.84	46.16 0.80 -27.68	42.17 0.60 -28.15	38.34 0.34 -30.20	36.82 0.58 -22.94
EIGHT_POINT___WT_PWR 323820	29.81 -0.57 -5.59	27.93 -0.38 -4.34	25.47 -0.40 -4.71	24.68 -0.38 -4.85	26.69 -0.53 -4.05	28.95 -0.45 -4.41	37.09 -0.69 -9.20	39.36 -0.77 -11.45	33.57 -0.78 -9.08	30.71 -0.73 -8.53	30.09 -0.84 -2.86	26.68 -0.73 -3.14	26.52 -0.71 -2.92	26.46 -0.78 -2.82	25.91 -0.83 -3.64	27.23 -0.84 -4.61	29.55 -0.79 -6.28	35.28 -0.90 -9.58	31.01 -0.67 -8.63	30.02 -0.81 -7.76	25.79 -0.55 -8.65	21.83 -0.39 -8.80	17.06 -0.18 -9.44	20.27 -0.20 -7.17
ELBRIDGE_115KV_TB2 80188	28.38 -0.15 -3.73	26.76 -0.12 -2.90	24.18 -0.13 -3.15	23.33 -0.12 -3.24	25.69 -0.19 -2.70	27.74 -0.20 -2.95	34.56 -0.17 -6.15	36.37 -0.17 -7.86	31.30 -0.20 -6.24	28.40 -0.18 -5.66	29.80 -0.22 -1.95	26.13 -0.22 -2.09	26.05 -0.19 -1.94	26.07 -0.22 -1.88	25.31 -0.21 -2.42	26.44 -0.19 -3.16	28.23 -0.14 -4.31	33.12 -0.11 -6.63	28.99 -0.02 -5.97	28.23 -0.02 -5.19	23.46 0.00 -5.78	19.30 0.00 -5.88	14.11 0.00 -6.31	18.10 0.01 -4.79
ELEC_TRO_TEK 24086	49.86 1.83 -23.23	44.78 1.85 -18.96	66.80 1.65 -43.98	46.51 1.58 -24.73	46.34 1.78 -21.38	83.28 1.97 -56.31	69.30 2.23 -38.49	81.51 2.38 -50.45	59.97 2.05 -32.66	54.22 1.65 -29.64	40.57 2.27 -10.22	37.20 2.01 -10.92	37.35 2.16 -10.88	36.73 2.12 -10.18	37.98 1.92 -12.97	43.14 1.92 -17.75	60.61 2.00 -34.56	74.23 2.26 -45.37	64.48 1.89 -39.54	61.68 1.82 -36.79	60.55 1.31 -41.56	58.60 1.02 -44.17	41.48 0.63 -33.04	39.42 1.04 -25.09
ELLENBURG_WT_PWR 323604	24.05 -0.74 0.00	23.06 -0.91 0.00	20.40 -0.76 0.00	19.54 -0.67 0.00	22.52 -0.65 0.00	24.32 -0.67 0.00	27.84 -0.74 0.00	27.74 -0.95 0.00	24.51 -0.76 0.00	22.35 -0.57 0.00	27.21 -0.87 0.00	23.44 -0.83 0.00	23.41 -0.90 0.00	23.69 -0.73 0.00	22.54 -0.55 0.00	22.92 -0.54 0.00	23.34 -0.72 0.00	25.46 -1.14 0.00	21.76 -1.29 0.00	-7.05 -1.31 28.80	16.75 -0.94 0.00	12.71 -0.71 0.00	0.14 -0.44 7.22	-7.02 -0.82 19.49
ELM_ST_23_KV_LD_REV_LBMP_A 345012	28.28 -1.17 -4.65	26.66 -0.94 -3.62	24.13 -0.95 -3.92	23.38 -0.87 -4.04	25.38 -1.16 -3.37	27.47 -1.20 -3.67	34.64 -1.60 -7.66	35.40 -1.92 -8.64	30.46 -1.67 -6.86	28.51 -1.47 -7.06	28.53 -1.74 -2.19	25.41 -1.46 -2.60	25.37 -1.36 -2.42	25.31 -1.44 -2.34	24.70 -1.41 -3.02	25.47 -1.48 -3.48	27.24 -1.56 -4.74	32.28 -1.60 -7.28	28.34 -1.27 -6.56	28.13 -1.41 -6.47	23.84 -1.04 -7.20	20.05 -0.70 -7.33	15.35 -0.31 -7.86	18.85 -0.41 -5.97
EMPIRE_CC_1 323656	49.38 1.12 -23.48	43.30 1.08 -18.25	41.90 0.95 -19.79	41.52 0.91 -20.40	41.20 1.02 -17.01	44.67 1.15 -18.53	68.53 1.29 -38.66	79.35 1.20 -49.47	65.61 1.11 -39.23	59.57 1.03 -35.61	41.58 1.23 -12.27	38.45 1.07 -13.12	37.58 1.07 -12.20	37.29 1.07 -11.80	39.34 1.02 -15.23	44.40 1.03 -19.91	52.06 0.86 -27.14	69.17 0.90 -41.66	61.43 0.85 -37.53	56.50 0.81 -32.63	54.61 0.57 -36.36	50.85 0.46 -36.97	47.78 0.31 -39.66	43.97 0.55 -30.13

EMPIRE_CC_2 323658	49.38 1.12 -23.48	43.30 1.08 -18.25	41.90 0.95 -19.79	41.52 0.91 -20.40	41.20 1.02 -17.01	44.67 1.15 -18.53	68.53 1.29 -38.66	79.35 1.20 -49.47	65.61 1.11 -39.23	59.57 1.03 -35.61	41.58 1.23 -12.27	38.45 1.07 -13.12	37.58 1.07 -12.20	37.29 1.07 -11.80	39.34 1.02 -15.23	44.40 1.03 -19.91	52.06 0.86 -27.14	69.17 0.90 -41.66	61.43 0.85 -37.53	56.50 0.81 -32.63	54.61 0.57 -36.36	50.85 0.46 -36.97	47.78 0.31 -39.66	43.97 0.55 -30.13
ENORWICH_115KV_TB1 80156	33.89 1.88 -7.22	31.41 1.82 -5.61	28.83 1.59 -6.08	27.91 1.43 -6.27	30.09 1.69 -5.23	32.69 2.00 -5.69	43.32 2.86 -11.88	46.72 2.95 -15.09	39.56 2.32 -11.97	35.72 1.86 -10.94	34.10 2.27 -3.75	29.89 1.60 -4.03	29.54 1.48 -3.75	29.48 1.44 -3.62	29.16 1.39 -4.68	31.13 1.60 -6.07	34.33 2.00 -8.28	41.60 2.29 -12.71	36.44 1.94 -11.45	34.92 1.82 -10.03	30.18 1.33 -11.17	25.64 0.86 -11.36	20.50 0.51 -12.19	23.41 0.85 -9.26
ERIE_ST__34_KV_TB1-2 80199	28.25 -1.26 -4.72	26.62 -1.03 -3.67	24.11 -1.04 -3.98	23.34 -0.97 -4.11	25.32 -1.27 -3.42	27.42 -1.30 -3.73	34.70 -1.66 -7.78	35.65 -1.92 -8.89	30.63 -1.69 -7.05	28.55 -1.54 -7.16	28.53 -1.80 -2.25	25.40 -1.50 -2.64	25.33 -1.43 -2.45	25.28 -1.51 -2.37	24.66 -1.50 -3.06	25.47 -1.57 -3.58	27.38 -1.56 -4.88	32.57 -1.52 -7.49	28.51 -1.29 -6.75	28.16 -1.48 -6.57	23.89 -1.11 -7.32	20.09 -0.76 -7.44	15.43 -0.36 -7.98	18.84 -0.52 -6.06
ERIE_WT_PWR 323693	28.43 -1.07 -4.70	26.79 -0.84 -3.65	24.26 -0.87 -3.96	23.50 -0.79 -4.08	25.49 -1.09 -3.41	27.60 -1.10 -3.71	34.83 -1.49 -7.74	35.73 -1.84 -8.89	30.75 -1.57 -7.05	28.73 -1.37 -7.18	28.70 -1.63 -2.25	25.55 -1.36 -2.65	25.48 -1.29 -2.46	25.48 -1.32 -2.38	24.83 -1.34 -3.07	25.66 -1.38 -3.58	27.47 -1.47 -4.88	32.53 -1.49 -7.42	28.56 -1.17 -6.69	28.29 -1.31 -6.53	23.99 -0.97 -7.28	20.16 -0.66 -7.40	15.45 -0.29 -7.94	18.97 -0.36 -6.03
ESPRGFLD_115KV_TB1 80157	24.09 0.55 1.24	23.54 0.53 0.97	20.56 0.44 1.05	19.51 0.38 1.08	22.76 0.49 0.90	24.64 0.62 0.98	27.59 1.06 2.05	27.05 1.03 2.67	23.94 0.78 2.11	21.58 0.55 1.89	28.17 0.76 0.66	24.03 0.46 0.69	24.05 0.39 0.65	24.16 0.37 0.63	22.66 0.37 0.81	22.91 0.52 1.07	23.34 0.75 1.46	25.26 0.90 2.25	21.83 0.81 2.02	22.12 0.78 1.73	16.30 0.55 1.93	11.81 0.35 1.96	5.89 0.19 2.10	11.99 0.29 1.60
ETNA_115_KV_TB1_REV_LBMP_C 345029	31.03 0.47 -5.76	28.93 0.48 -4.48	26.42 0.40 -4.86	25.58 0.36 -5.01	27.74 0.39 -4.18	30.02 0.47 -4.55	38.76 0.69 -9.49	41.46 0.75 -12.03	35.39 0.58 -9.54	32.10 0.44 -8.74	31.63 0.56 -2.99	27.87 0.39 -3.22	27.69 0.39 -2.99	27.68 0.37 -2.90	27.18 0.35 -3.74	28.70 0.40 -4.84	31.21 0.55 -6.60	37.45 0.72 -10.13	32.85 0.67 -9.13	31.72 0.65 -8.01	27.09 0.48 -8.92	22.83 0.34 -9.08	17.73 0.19 -9.74	21.02 0.33 -7.40
ETNA_____115KV_TB2 80207	31.03 0.47 -5.76	28.93 0.48 -4.48	26.42 0.40 -4.86	25.58 0.36 -5.01	27.74 0.39 -4.18	30.02 0.47 -4.55	38.76 0.69 -9.49	41.46 0.75 -12.03	35.39 0.58 -9.54	32.10 0.44 -8.74	31.63 0.56 -2.99	27.87 0.39 -3.22	27.69 0.39 -2.99	27.68 0.37 -2.90	27.18 0.35 -3.74	28.70 0.40 -4.84	31.21 0.55 -6.60	37.45 0.72 -10.13	32.85 0.67 -9.13	31.72 0.65 -8.01	27.09 0.48 -8.92	22.83 0.34 -9.08	17.73 0.19 -9.74	21.02 0.33 -7.40
EUCLID___115KV_TB2 356179	27.80 -0.32 -3.33	26.27 -0.29 -2.59	23.69 -0.28 -2.80	22.84 -0.26 -2.89	25.24 -0.35 -2.41	27.25 -0.37 -2.63	33.66 -0.40 -5.48	35.32 -0.37 -7.01	30.47 -0.35 -5.56	27.63 -0.34 -5.05	29.42 -0.39 -1.74	25.76 -0.36 -1.86	25.70 -0.34 -1.73	25.72 -0.37 -1.67	24.91 -0.35 -2.16	25.96 -0.33 -2.82	27.62 -0.29 -3.85	32.24 -0.27 -5.91	28.19 -0.18 -5.32	27.53 -0.16 -4.63	22.73 -0.11 -5.15	18.58 -0.08 -5.24	13.38 -0.05 -5.62	17.50 -0.07 -4.27
E_CANADA_CAP_HY 24051	54.88 0.45 -29.64	47.42 0.41 -23.03	46.48 0.34 -24.98	46.26 0.30 -25.76	45.04 0.39 -21.47	48.93 0.55 -23.39	78.36 0.97 -48.81	91.99 0.86 -62.45	75.43 0.63 -49.53	68.25 0.37 -44.96	44.02 0.45 -15.49	41.02 0.19 -16.56	39.86 0.15 -15.40	39.43 0.12 -14.89	42.50 0.18 -19.22	48.95 0.35 -25.13	58.89 0.58 -34.26	79.99 0.80 -52.60	71.12 0.69 -47.38	64.98 0.72 -41.19	64.08 0.49 -45.90	60.42 0.32 -46.68	58.02 0.15 -50.07	51.53 0.20 -38.03
E_CANADA_MHWK_HY 24050	26.63 1.34 -0.49	25.63 1.27 -0.38	22.70 1.12 -0.42	21.69 1.05 -0.43	24.76 1.23 -0.36	26.73 1.35 -0.39	31.02 1.63 -0.82	31.18 1.61 -0.90	27.37 1.39 -0.71	24.80 1.24 -0.65	29.84 1.54 -0.22	25.79 1.29 -0.24	25.79 1.26 -0.22	25.90 1.27 -0.21	24.55 1.18 -0.28	25.02 1.20 -0.36	25.83 1.27 -0.49	28.78 1.30 -0.88	24.97 1.13 -0.79	24.84 1.08 -0.69	19.26 0.81 -0.77	14.78 0.58 -0.78	8.99 0.35 -0.84	14.52 0.58 -0.64
E_FISHKILL___LBMP 23776	45.94 1.24 -19.91	40.69 1.25 -15.47	39.04 1.10 -16.78	38.56 1.05 -17.30	38.78 1.18 -14.42	42.03 1.32 -15.71	62.85 1.49 -32.78	72.24 1.63 -41.93	59.89 1.36 -33.25	54.35 1.24 -30.19	40.13 1.66 -10.40	36.89 1.50 -11.12	36.13 1.48 -10.34	35.86 1.44 -10.00	37.34 1.34 -12.91	41.70 1.36 -16.87	48.46 1.40 -23.00	63.52 1.60 -35.33	56.21 1.34 -31.82	52.00 1.27 -27.67	49.41 0.90 -30.83	45.48 0.71 -31.35	41.85 0.41 -33.63	39.57 0.73 -25.55
FALCON___SEABRD_CC1 323796	24.32 -0.47 0.00	23.30 -0.67 0.00	20.64 -0.53 0.00	19.74 -0.46 0.00	22.78 -0.39 0.00	24.59 -0.40 0.00	28.18 -0.40 0.00	27.94 -0.75 0.00	24.69 -0.58 0.00	22.48 -0.44 0.00	27.35 -0.73 0.00	23.58 -0.68 0.00	23.56 -0.75 0.00	23.83 -0.59 0.00	22.68 -0.42 0.00	23.04 -0.42 0.00	23.48 -0.58 0.00	25.62 -0.98 0.00	21.90 -1.15 0.00	-7.05 -1.15 28.97	16.96 -0.73 0.00	12.88 -0.54 0.00	0.19 -0.35 7.26	-6.97 -0.66 19.60
FALCON___SEABRD_CC2 323797	24.32 -0.47 0.00	23.30 -0.67 0.00	20.64 -0.53 0.00	19.74 -0.46 0.00	22.78 -0.39 0.00	24.59 -0.40 0.00	28.18 -0.40 0.00	27.94 -0.75 0.00	24.69 -0.58 0.00	22.48 -0.44 0.00	27.35 -0.73 0.00	23.58 -0.68 0.00	23.56 -0.75 0.00	23.83 -0.59 0.00	22.68 -0.42 0.00	23.04 -0.42 0.00	23.48 -0.58 0.00	25.62 -0.98 0.00	21.90 -1.15 0.00	-7.05 -1.15 28.97	16.96 -0.73 0.00	12.88 -0.54 0.00	0.19 -0.35 7.26	-6.97 -0.66 19.60
FAR ROCKAWAY___4 23548	51.45 2.23 -24.43	46.98 2.21 -20.79	101.44 1.93 -78.35	55.16 1.86 -33.09	55.68 2.11 -30.40	134.73 2.32 -107.41	71.80 2.69 -40.53	85.00 2.87 -53.46	60.37 2.45 -32.66	54.51 1.95 -29.64	40.99 2.70 -10.22	37.54 2.35 -10.92	38.61 2.50 -11.79	37.51 2.44 -10.65	38.82 2.24 -13.49	43.52 2.28 -17.78	61.02 2.41 -34.56	74.73 2.74 -45.39	64.92 2.30 -39.56	62.12 2.24 -36.82	60.87 1.63 -41.56	58.83 1.25 -44.17	41.60 0.76 -33.04	39.63 1.25 -25.09
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	45.72 1.39 -19.54	40.55 1.39 -15.19	38.86 1.23 -16.47	38.36 1.17 -16.98	38.68 1.34 -14.16	41.89 1.47 -15.42	62.42 1.66 -32.19	71.71 1.86 -41.16	59.48 1.57 -32.65	54.03 1.47 -29.64	40.31 2.02 -10.21	37.05 1.87 -10.92	36.31 1.85 -10.15	36.02 1.78 -9.82	37.43 1.66 -12.67	41.69 1.67 -16.57	48.35 1.71 -22.58	63.20 1.92 -34.68	55.88 1.59 -31.24	51.73 1.50 -27.16	48.99 1.04 -30.27	45.03 0.83 -30.78	41.31 0.48 -33.02	39.24 0.86 -25.08

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	45.72 1.39 -19.54	40.55 1.39 -15.19	38.86 1.23 -16.47	38.36 1.17 -16.98	38.68 1.34 -14.16	41.89 1.47 -15.42	62.42 1.66 -32.19	71.71 1.86 -41.16	59.48 1.57 -32.65	54.03 1.47 -29.64	40.31 2.02 -10.21	37.05 1.87 -10.92	36.31 1.85 -10.15	36.02 1.78 -9.82	37.43 1.66 -12.67	41.69 1.67 -16.57	48.35 1.71 -22.58	63.20 1.92 -34.68	55.88 1.59 -31.24	51.73 1.50 -27.16	48.99 1.04 -30.27	45.03 0.83 -30.78	41.31 0.48 -33.02	39.25 0.88 -25.08
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	45.72 1.39 -19.54	40.53 1.37 -15.19	38.84 1.21 -16.47	38.36 1.17 -16.98	38.65 1.32 -14.16	41.89 1.47 -15.42	62.40 1.63 -32.19	71.71 1.86 -41.16	59.46 1.54 -32.65	54.00 1.44 -29.64	40.28 1.99 -10.21	37.02 1.84 -10.92	36.29 1.82 -10.15	36.02 1.78 -9.82	37.41 1.64 -12.67	41.67 1.64 -16.57	48.33 1.68 -22.58	63.20 1.92 -34.68	55.86 1.57 -31.24	51.71 1.48 -27.16	48.98 1.03 -30.27	45.02 0.82 -30.78	41.30 0.48 -33.02	39.24 0.86 -25.08
FARRAGUT___LBMP 323566	45.70 1.36 -19.54	40.53 1.37 -15.19	38.82 1.19 -16.47	38.34 1.15 -16.98	38.63 1.30 -14.16	41.87 1.45 -15.42	62.37 1.60 -32.19	71.68 1.84 -41.16	59.43 1.52 -32.65	53.98 1.42 -29.64	40.25 1.97 -10.21	37.00 1.82 -10.92	36.29 1.82 -10.15	35.99 1.76 -9.82	37.41 1.64 -12.67	41.65 1.62 -16.57	48.30 1.66 -22.58	63.17 1.89 -34.68	55.86 1.57 -31.24	51.71 1.48 -27.16	48.98 1.03 -30.27	45.00 0.81 -30.78	41.30 0.48 -33.02	39.23 0.85 -25.08
FENNER___WINDPWR 24204	28.86 0.54 -3.52	27.24 0.53 -2.73	24.60 0.47 -2.97	23.67 0.40 -3.06	26.21 0.49 -2.55	28.32 0.55 -2.78	35.17 0.80 -5.80	36.68 0.92 -7.08	31.62 0.73 -5.62	28.61 0.59 -5.10	30.56 0.73 -1.76	26.65 0.51 -1.88	26.54 0.49 -1.75	26.59 0.49 -1.69	25.74 0.46 -2.18	26.85 0.54 -2.85	28.62 0.67 -3.88	33.53 0.69 -6.24	29.30 0.62 -5.63	28.56 0.60 -4.89	23.57 0.44 -5.45	19.26 0.29 -5.54	13.91 0.16 -5.94	18.09 0.28 -4.52
FIBERTEK___ENERGY 23856	28.36 -0.05 -3.62	26.76 -0.02 -2.81	24.19 -0.02 -3.05	23.31 -0.04 -3.14	25.72 -0.07 -2.62	27.77 -0.07 -2.85	34.51 -0.03 -5.96	36.41 0.11 -7.62	31.36 0.05 -6.04	28.43 0.02 -5.49	30.02 0.06 -1.89	26.28 0.00 -2.02	26.21 0.02 -1.88	26.23 0.00 -1.82	25.44 0.00 -2.35	26.58 0.05 -3.07	28.33 0.10 -4.18	33.18 0.16 -6.42	29.02 0.18 -5.78	28.30 0.21 -5.03	23.46 0.18 -5.60	19.24 0.12 -5.70	13.98 0.06 -6.11	18.06 0.12 -4.64
FITZPATRICK____ 23598	26.73 -0.67 -2.60	25.35 -0.65 -2.02	22.79 -0.57 -2.19	21.92 -0.54 -2.26	24.41 -0.65 -1.88	26.32 -0.73 -2.05	32.03 -0.83 -4.28	33.38 -0.83 -5.53	28.90 -0.76 -4.39	26.22 -0.69 -3.98	28.63 -0.82 -1.37	25.00 -0.73 -1.47	24.97 -0.71 -1.37	25.01 -0.73 -1.32	24.13 -0.67 -1.70	25.01 -0.68 -2.23	26.42 -0.67 -3.04	30.50 -0.72 -4.62	26.63 -0.58 -4.16	26.15 -0.53 -3.62	21.32 -0.39 -4.03	17.22 -0.30 -4.10	12.03 -0.17 -4.39	16.37 -0.27 -3.34
FLOWRFLD_69_KV_BK1 356044	53.10 2.75 -25.55	46.77 2.71 -20.09	43.91 2.35 -20.39	43.20 2.28 -20.72	40.92 2.55 -15.20	49.07 2.82 -21.25	74.32 3.29 -42.46	88.44 3.47 -56.29	60.91 2.98 -32.66	54.88 2.32 -29.64	41.32 3.03 -10.22	37.78 2.60 -10.92	37.33 2.77 -10.25	36.97 2.69 -9.87	38.23 2.52 -12.61	43.87 2.67 -17.74	61.50 2.89 -34.56	75.25 3.30 -45.35	65.38 2.81 -39.52	62.54 2.70 -36.78	61.23 1.98 -41.56	59.09 1.50 -44.17	41.75 0.91 -33.04	39.82 1.44 -25.09
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	45.99 1.49 -19.72	40.76 1.46 -15.32	39.05 1.27 -16.62	38.55 1.21 -17.13	38.82 1.37 -14.28	42.05 1.50 -15.56	62.77 1.71 -32.47	72.10 1.89 -41.53	59.77 1.57 -32.94	54.17 1.35 -29.90	40.12 1.74 -10.30	36.78 1.50 -11.01	36.01 1.46 -10.24	35.74 1.42 -9.90	37.22 1.34 -12.78	41.61 1.43 -16.71	48.40 1.56 -22.78	63.40 1.81 -34.99	56.07 1.50 -31.52	51.90 1.43 -27.40	49.26 1.04 -30.53	45.28 0.81 -31.05	41.57 0.45 -33.31	39.40 0.80 -25.30
FORT ORANGE____ 23900	49.82 0.82 -24.21	43.58 0.79 -18.82	42.25 0.68 -20.40	41.89 0.65 -21.04	41.45 0.74 -17.54	44.95 0.85 -19.11	69.28 0.83 -39.87	80.41 0.72 -51.01	66.43 0.71 -40.46	60.31 0.67 -36.73	41.46 0.73 -12.66	38.42 0.63 -13.53	37.55 0.66 -12.58	37.32 0.73 -12.17	39.49 0.69 -15.70	44.62 0.63 -20.53	52.64 0.60 -27.98	70.26 0.69 -42.97	62.38 0.62 -38.70	57.32 0.60 -33.65	55.58 0.41 -37.49	51.84 0.29 -38.13	48.90 0.20 -40.90	44.69 0.32 -31.07
FORT_DRUM_COGEN 23780	26.76 -0.02 -2.00	25.43 -0.10 -1.55	22.72 -0.13 -1.68	21.76 -0.18 -1.73	24.48 -0.14 -1.45	26.50 -0.07 -1.58	32.12 0.26 -3.29	33.21 0.32 -4.21	28.71 0.10 -3.34	25.88 -0.07 -3.03	28.95 -0.17 -1.04	24.99 -0.39 -1.12	24.89 -0.46 -1.04	24.96 -0.46 -1.00	24.00 -0.39 -1.30	24.88 -0.28 -1.69	26.35 -0.02 -2.31	30.22 0.08 -3.54	26.38 0.14 -3.19	27.26 0.14 -4.05	20.86 0.09 -3.09	16.51 -0.05 -3.14	11.45 -0.05 -3.69	16.59 -0.13 -3.43
FOX_HILLS___ESR 323835	45.92 1.59 -19.54	40.72 1.56 -15.19	39.01 1.38 -16.47	38.50 1.31 -16.98	38.82 1.48 -14.16	41.92 1.50 -15.42	62.11 1.34 -32.19	71.43 1.58 -41.17	59.23 1.31 -32.65	53.82 1.26 -29.64	40.20 1.91 -10.21	36.98 1.80 -10.92	36.24 1.77 -10.15	35.95 1.71 -9.82	37.39 1.62 -12.67	41.60 1.57 -16.57	48.23 1.59 -22.58	63.07 1.78 -34.69	55.77 1.48 -31.25	51.64 1.41 -27.17	48.89 0.94 -30.27	45.01 0.81 -30.78	41.32 0.49 -33.02	39.34 0.96 -25.09
FPL_FAR_ROCK_GT1 24212	51.40 2.18 -24.43	46.97 2.20 -20.79	101.44 1.93 -78.35	55.15 1.86 -33.09	55.68 2.11 -30.40	134.73 2.32 -107.41	71.74 2.63 -40.53	84.94 2.78 -53.48	60.38 2.43 -32.68	54.53 1.95 -29.66	40.99 2.70 -10.22	37.54 2.35 -10.92	38.61 2.50 -11.80	37.51 2.44 -10.65	38.94 2.24 -13.61	43.52 2.28 -17.79	61.03 2.41 -34.57	74.71 2.71 -45.39	64.92 2.30 -39.56	62.10 2.21 -36.82	60.87 1.63 -41.56	58.83 1.25 -44.17	41.60 0.76 -33.04	39.64 1.25 -25.09
FPL_FAR_ROCK_GT2 23815	51.40 2.18 -24.43	46.97 2.20 -20.79	101.44 1.93 -78.35	55.15 1.86 -33.09	55.68 2.11 -30.40	134.73 2.32 -107.41	71.74 2.63 -40.53	84.94 2.78 -53.48	60.38 2.43 -32.68	54.53 1.95 -29.66	40.99 2.70 -10.22	37.54 2.35 -10.92	38.61 2.50 -11.80	37.51 2.44 -10.65	38.94 2.24 -13.61	43.52 2.28 -17.79	61.03 2.41 -34.57	74.71 2.71 -45.39	64.92 2.30 -39.56	62.10 2.21 -36.82	60.87 1.63 -41.56	58.83 1.25 -44.17	41.60 0.76 -33.04	39.64 1.25 -25.09
FRANKLIN_FALL_HYD 24054	24.32 -0.47 0.00	23.35 -0.62 0.00	20.66 -0.51 0.00	19.74 -0.46 0.00	22.80 -0.37 0.00	24.60 -0.40 0.00	28.09 -0.49 0.00	28.14 -0.54 0.00	24.89 -0.38 0.00	22.67 -0.25 0.00	27.57 -0.51 0.00	23.80 -0.46 0.00	23.77 -0.53 0.00	24.03 -0.39 0.00	22.84 -0.25 0.00	23.16 -0.31 0.00	23.58 -0.48 0.00	25.83 -0.77 0.00	22.17 -0.88 0.00	42.05 -0.88 -19.86	17.06 -0.62 0.00	12.98 -0.44 0.00	12.48 -0.30 -4.98	26.14 -0.60 -13.44
FREEPORT_EQUS_GT1 23764	51.39 2.06 -24.54	45.91 2.06 -19.87	63.94 1.82 -40.96	46.78 1.76 -24.82	45.75 1.99 -20.59	78.99 2.17 -51.82	71.75 2.46 -40.72	85.07 2.64 -53.75	60.23 2.28 -32.69	54.39 1.81 -29.66	40.77 2.47 -10.22	37.37 2.18 -10.92	37.47 2.36 -10.80	36.84 2.27 -10.15	38.22 2.08 -13.04	43.36 2.13 -17.76	60.86 2.24 -34.57	74.38 2.42 -45.36	64.66 2.08 -39.54	61.84 1.98 -36.79	60.68 1.43 -41.56	58.74 1.15 -44.17	41.56 0.71 -33.04	39.54 1.16 -25.09

FREEPORT___CT2 23818	51.39 2.06 -24.54	45.91 2.06 -19.87	63.94 1.82 -40.96	46.78 1.76 -24.82	45.75 1.99 -20.59	78.99 2.17 -51.82	71.75 2.46 -40.72	85.07 2.64 -53.75	60.23 2.28 -32.69	54.39 1.81 -29.66	40.77 2.47 -10.22	37.37 2.18 -10.92	37.47 2.36 -10.80	36.84 2.27 -10.15	38.22 2.08 -13.04	43.36 2.13 -17.76	60.86 2.24 -34.57	74.38 2.42 -45.36	64.66 2.08 -39.54	61.84 1.98 -36.79	60.68 1.43 -41.56	58.74 1.15 -44.17	41.56 0.71 -33.04	39.54 1.16 -25.09
FRESHKLS_33_KV_LOAD 356253	45.90 1.56 -19.54	40.72 1.56 -15.19	38.99 1.35 -16.47	38.50 1.31 -16.98	38.82 1.48 -14.16	41.89 1.47 -15.42	62.03 1.26 -32.19	71.34 1.49 -41.17	59.16 1.24 -32.65	53.75 1.19 -29.64	40.11 1.82 -10.21	36.90 1.72 -10.92	36.17 1.70 -10.15	35.87 1.64 -9.82	37.32 1.55 -12.67	41.55 1.53 -16.57	48.15 1.52 -22.58	62.99 1.70 -34.69	55.70 1.41 -31.25	51.57 1.34 -27.17	48.83 0.88 -30.26	44.99 0.79 -30.78	41.31 0.48 -33.02	39.34 0.96 -25.09
FULTON COGEN____ 23766	27.60 -0.37 -3.18	26.11 -0.34 -2.47	23.53 -0.32 -2.68	22.67 -0.30 -2.76	25.11 -0.37 -2.30	27.08 -0.42 -2.51	33.39 -0.43 -5.24	35.01 -0.37 -6.70	30.23 -0.35 -5.31	27.40 -0.34 -4.82	29.34 -0.39 -1.66	25.65 -0.39 -1.78	25.60 -0.36 -1.65	25.62 -0.39 -1.60	24.79 -0.37 -2.06	25.83 -0.33 -2.70	27.45 -0.29 -3.68	31.98 -0.27 -5.64	27.95 -0.18 -5.08	27.35 -0.14 -4.42	22.52 -0.09 -4.93	18.35 -0.08 -5.01	13.12 -0.05 -5.37	17.30 -0.08 -4.08
FULTON___LFGE 323630	54.30 1.49 -28.02	47.12 1.37 -21.78	45.99 1.21 -23.62	45.67 1.11 -24.35	44.82 1.34 -20.30	48.76 1.65 -22.11	77.08 2.34 -46.15	89.93 2.21 -59.04	73.94 1.84 -46.83	66.81 1.38 -42.51	44.32 1.60 -14.65	41.09 1.16 -15.66	40.02 1.14 -14.56	39.70 1.20 -14.08	42.56 1.29 -18.17	48.75 1.52 -23.76	58.28 1.83 -32.39	78.46 2.13 -49.73	69.67 1.82 -44.80	63.88 1.87 -38.95	62.50 1.42 -43.40	58.51 0.95 -44.13	55.63 0.48 -47.34	49.99 0.73 -35.96
G.F.CEMENT___DRP 24184	51.01 1.21 -25.00	44.51 1.10 -19.43	43.21 0.97 -21.07	42.84 0.91 -21.72	42.35 1.07 -18.11	45.97 1.25 -19.73	71.38 1.63 -41.17	82.91 1.58 -52.66	68.37 1.34 -41.76	61.86 1.03 -37.91	42.38 1.24 -13.06	39.10 0.87 -13.96	38.17 0.88 -12.99	37.86 0.88 -12.56	40.18 0.88 -16.21	45.71 1.06 -21.19	54.15 1.20 -28.89	72.43 1.46 -44.37	64.28 1.27 -39.97	59.11 1.29 -34.75	57.35 0.95 -38.72	53.50 0.71 -39.37	50.42 0.38 -42.24	45.98 0.60 -32.08
GARDENVILLE___LBMP 24039	28.36 -1.14 -4.70	26.72 -0.91 -3.66	24.20 -0.93 -3.96	23.44 -0.85 -4.09	25.42 -1.16 -3.41	27.53 -1.17 -3.71	34.75 -1.57 -7.75	35.62 -1.86 -8.80	30.61 -1.64 -6.98	28.61 -1.44 -7.13	28.59 -1.71 -2.23	25.46 -1.43 -2.63	25.42 -1.34 -2.44	25.36 -1.42 -2.36	24.74 -1.41 -3.05	25.55 -1.45 -3.54	27.35 -1.54 -4.83	32.47 -1.54 -7.41	28.48 -1.24 -6.68	28.20 -1.41 -6.54	23.94 -1.03 -7.28	20.13 -0.70 -7.41	15.44 -0.31 -7.95	18.91 -0.43 -6.04
GARDNVLA_35_KV_LD 355827	28.45 -1.04 -4.70	26.84 -0.79 -3.65	24.28 -0.85 -3.96	23.52 -0.77 -4.08	25.51 -1.07 -3.40	27.63 -1.07 -3.71	34.86 -1.46 -7.74	35.75 -1.75 -8.82	30.75 -1.52 -6.99	28.69 -1.35 -7.13	28.73 -1.57 -2.23	25.58 -1.31 -2.62	25.51 -1.24 -2.44	25.46 -1.32 -2.36	24.85 -1.29 -3.05	25.65 -1.36 -3.55	27.48 -1.42 -4.84	32.59 -1.44 -7.43	28.59 -1.15 -6.69	28.31 -1.29 -6.53	24.01 -0.95 -7.28	20.19 -0.63 -7.40	15.46 -0.28 -7.94	18.95 -0.37 -6.03
GELCKHM___115KV_LOAD 80723	28.02 -0.22 -3.45	26.46 -0.19 -2.68	23.88 -0.19 -2.90	23.02 -0.18 -3.00	25.44 -0.23 -2.50	27.44 -0.27 -2.72	34.00 -0.26 -5.68	35.74 -0.20 -7.26	30.82 -0.20 -5.76	27.94 -0.21 -5.23	29.65 -0.22 -1.80	25.97 -0.22 -1.93	25.91 -0.19 -1.79	25.93 -0.22 -1.73	25.12 -0.21 -2.23	26.20 -0.19 -2.92	27.90 -0.14 -3.98	32.61 -0.11 -6.12	28.51 -0.05 -5.51	27.83 -0.02 -4.79	23.02 0.00 -5.34	18.83 -0.01 -5.43	13.62 -0.01 -5.82	17.72 0.00 -4.42
GENERAL___MILLS 23808	28.40 -1.09 -4.70	26.76 -0.86 -3.65	24.24 -0.89 -3.96	23.48 -0.81 -4.08	25.46 -1.11 -3.41	27.58 -1.12 -3.71	34.81 -1.51 -7.74	35.69 -1.81 -8.81	30.69 -1.57 -6.99	28.65 -1.40 -7.13	28.68 -1.63 -2.23	25.51 -1.38 -2.63	25.46 -1.29 -2.44	25.41 -1.37 -2.36	24.80 -1.34 -3.05	25.60 -1.41 -3.55	27.43 -1.47 -4.84	32.53 -1.49 -7.42	28.54 -1.20 -6.69	28.26 -1.34 -6.53	23.97 -0.99 -7.28	20.15 -0.67 -7.40	15.45 -0.30 -7.94	18.93 -0.40 -6.03
GE_PLASTICS___DRP 24183	49.97 0.92 -24.26	43.72 0.89 -18.86	42.40 0.78 -20.45	42.04 0.75 -21.09	41.58 0.83 -17.58	45.09 0.95 -19.15	69.54 1.00 -39.96	80.70 0.92 -51.11	66.66 0.86 -40.53	60.54 0.83 -36.79	41.68 0.93 -12.68	38.64 0.82 -13.55	37.77 0.85 -12.61	37.49 0.88 -12.19	39.66 0.83 -15.73	44.83 0.80 -20.57	52.89 0.79 -28.04	70.54 0.88 -43.06	62.62 0.78 -38.79	57.53 0.74 -33.72	55.79 0.53 -37.58	52.04 0.40 -38.21	49.04 0.24 -40.99	44.85 0.41 -31.14
GILBOA___1 23756	42.39 0.77 -16.83	37.82 0.77 -13.08	36.03 0.68 -14.19	35.48 0.65 -14.63	36.09 0.72 -12.19	39.10 0.82 -13.28	57.24 0.94 -27.72	64.94 0.77 -35.48	54.17 0.76 -28.14	49.20 0.73 -25.55	37.83 0.96 -8.80	34.52 0.85 -9.41	33.91 0.85 -8.75	33.69 0.80 -8.46	34.78 0.76 -10.92	38.52 0.77 -14.28	44.34 0.82 -19.47	57.32 0.85 -29.87	50.70 0.74 -26.91	47.22 0.76 -23.40	44.30 0.55 -26.07	40.36 0.43 -26.51	36.49 0.25 -28.44	35.35 0.45 -21.60
GILBOA___2 23757	42.39 0.77 -16.83	37.82 0.77 -13.08	36.03 0.68 -14.19	35.48 0.65 -14.63	36.09 0.72 -12.19	39.10 0.82 -13.28	57.24 0.94 -27.72	64.94 0.77 -35.48	54.17 0.76 -28.14	49.20 0.73 -25.55	37.83 0.96 -8.80	34.52 0.85 -9.41	33.91 0.85 -8.75	33.69 0.80 -8.46	34.78 0.76 -10.92	38.52 0.77 -14.28	44.34 0.82 -19.47	57.32 0.85 -29.87	50.70 0.74 -26.91	47.22 0.76 -23.40	44.30 0.55 -26.07	40.36 0.43 -26.51	36.49 0.25 -28.44	35.35 0.45 -21.60
GILBOA___3 23758	42.39 0.77 -16.83	37.82 0.77 -13.08	36.03 0.68 -14.19	35.48 0.65 -14.63	36.09 0.72 -12.19	39.10 0.82 -13.28	57.24 0.94 -27.72	64.94 0.77 -35.48	54.17 0.76 -28.14	49.20 0.73 -25.55	37.83 0.96 -8.80	34.52 0.85 -9.41	33.91 0.85 -8.75	33.69 0.80 -8.46	34.78 0.76 -10.92	38.52 0.77 -14.28	44.34 0.82 -19.47	57.32 0.85 -29.87	50.70 0.74 -26.91	47.22 0.76 -23.40	44.30 0.55 -26.07	40.36 0.43 -26.51	36.49 0.25 -28.44	35.35 0.45 -21.60
GILBOA___4 23759	42.39 0.77 -16.83	37.82 0.77 -13.08	36.03 0.68 -14.19	35.48 0.65 -14.63	36.09 0.72 -12.19	39.10 0.82 -13.28	57.24 0.94 -27.72	64.94 0.77 -35.48	54.17 0.76 -28.14	49.20 0.73 -25.55	37.83 0.96 -8.80	34.52 0.85 -9.41	33.91 0.85 -8.75	33.69 0.80 -8.46	34.78 0.76 -10.92	38.52 0.77 -14.28	44.34 0.82 -19.47	57.32 0.85 -29.87	50.70 0.74 -26.91	47.22 0.76 -23.40	44.30 0.55 -26.07	40.36 0.43 -26.51	36.49 0.25 -28.44	35.35 0.45 -21.60
GILBOA___ 23599	42.39 0.77 -16.83	37.82 0.77 -13.08	36.03 0.68 -14.19	35.48 0.65 -14.63	36.09 0.72 -12.19	39.10 0.82 -13.28	57.25 0.94 -27.72	64.91 0.77 -35.45	54.14 0.76 -28.12	49.18 0.73 -25.53	37.83 0.95 -8.80	34.51 0.85 -9.40	33.91 0.85 -8.75	33.68 0.81 -8.46	34.77 0.76 -10.91	38.50 0.77 -14.27	44.33 0.82 -19.45	57.24 0.77 -29.87	50.70 0.74 -26.91	47.22 0.76 -23.40	44.30 0.55 -26.07	40.36 0.43 -26.51	36.49 0.25 -28.44	35.35 0.45 -21.60

GINNA____ 23603	27.28 -1.49 -3.98	25.65 -1.41 -3.09	23.21 -1.31 -3.35	22.43 -1.23 -3.46	24.60 -1.46 -2.88	26.56 -1.57 -3.14	33.42 -1.71 -6.55	35.39 -1.84 -8.54	30.42 -1.62 -6.77	27.58 -1.44 -6.10	28.45 -1.74 -2.12	24.96 -1.55 -2.25	24.87 -1.53 -2.09	24.92 -1.51 -2.02	24.27 -1.43 -2.61	25.47 -1.43 -3.44	27.25 -1.49 -4.69	32.21 -1.52 -7.12	28.22 -1.25 -6.42	27.33 -1.27 -5.53	22.89 -0.96 -6.16	18.95 -0.74 -6.27	14.11 -0.41 -6.72	17.77 -0.64 -5.11
GLEN PARK____ 23778	26.91 0.05 -2.07	25.56 -0.02 -1.61	22.84 -0.06 -1.74	21.88 -0.12 -1.80	24.58 -0.09 -1.50	26.63 0.00 -1.63	32.38 0.40 -3.40	33.43 0.46 -4.30	28.88 0.20 -3.41	25.99 -0.02 -3.09	29.03 -0.11 -1.07	25.04 -0.36 -1.14	24.91 -0.46 -1.06	25.00 -0.44 -1.02	24.05 -0.37 -1.32	24.96 -0.23 -1.73	26.46 0.05 -2.36	30.48 0.21 -3.67	26.61 0.25 -3.30	27.38 0.23 -4.09	21.04 0.16 -3.20	16.66 -0.01 -3.26	11.58 -0.02 -3.80	16.63 -0.15 -3.47
GLENDALDE_27_KV_LOAD 356172	45.95 1.61 -19.54	40.75 1.58 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	42.02 1.60 -15.42	62.43 1.66 -32.19	71.74 1.89 -41.17	59.54 1.62 -32.65	54.10 1.54 -29.64	40.45 2.16 -10.21	37.17 1.99 -10.92	36.43 1.97 -10.15	36.14 1.90 -9.82	37.55 1.78 -12.67	41.79 1.76 -16.57	48.47 1.83 -22.58	63.31 2.02 -34.69	55.98 1.68 -31.25	51.85 1.61 -27.17	49.07 1.11 -30.27	45.09 0.89 -30.78	41.35 0.52 -33.02	39.37 0.98 -25.09
GLENWOOD_IC_1_G5 23712	49.80 1.76 -23.25	44.40 1.75 -18.68	55.70 1.55 -32.99	43.99 1.50 -22.29	43.36 1.69 -18.50	66.85 1.87 -39.98	69.13 2.03 -38.52	81.37 2.21 -50.49	59.82 1.90 -32.66	54.22 1.65 -29.64	40.59 2.30 -10.22	37.22 2.04 -10.92	37.04 2.14 -10.59	36.53 2.08 -10.04	37.79 1.89 -12.80	43.13 1.92 -17.74	60.54 1.92 -34.56	74.14 2.18 -45.36	64.40 1.82 -39.53	61.58 1.73 -36.79	60.48 1.24 -41.56	58.55 0.97 -44.17	41.45 0.60 -33.04	39.39 1.01 -25.09
GLENWOOD_IC_2_G1 23688	47.91 1.59 -21.53	42.69 1.58 -17.13	47.13 1.42 -24.54	40.95 1.35 -19.39	40.99 1.53 -16.28	54.11 1.70 -27.42	66.04 1.89 -35.58	76.92 2.07 -46.17	59.72 1.77 -32.68	54.12 1.54 -29.66	40.40 2.11 -10.22	37.08 1.89 -10.92	36.65 1.97 -10.37	36.25 1.91 -9.93	37.65 1.75 -12.79	42.97 1.76 -17.75	60.45 1.83 -34.57	74.00 2.05 -45.35	64.30 1.73 -39.52	61.48 1.64 -36.78	60.43 1.18 -41.56	58.51 0.93 -44.17	41.39 0.55 -33.04	39.31 0.93 -25.09
GLENWOOD_IC_3_G1 23689	47.91 1.59 -21.53	42.69 1.58 -17.13	47.13 1.42 -24.54	40.95 1.35 -19.39	40.99 1.53 -16.28	54.11 1.70 -27.42	66.04 1.89 -35.58	76.92 2.07 -46.17	59.72 1.77 -32.68	54.12 1.54 -29.66	40.40 2.11 -10.22	37.08 1.89 -10.92	36.65 1.97 -10.37	36.25 1.91 -9.93	37.65 1.75 -12.79	42.97 1.76 -17.75	60.45 1.83 -34.57	74.00 2.05 -45.35	64.30 1.73 -39.52	61.48 1.64 -36.78	60.43 1.18 -41.56	58.51 0.93 -44.17	41.39 0.55 -33.04	39.31 0.93 -25.09
GLENWOOD____4 23550	49.80 1.76 -23.25	44.40 1.75 -18.68	55.70 1.55 -32.99	43.99 1.50 -22.29	43.36 1.69 -18.50	66.85 1.87 -39.98	69.15 2.06 -38.52	81.40 2.24 -50.49	59.85 1.92 -32.66	54.22 1.65 -29.64	40.59 2.30 -10.22	37.22 2.04 -10.92	37.04 2.14 -10.59	36.53 2.08 -10.04	37.79 1.89 -12.80	43.13 1.92 -17.74	60.56 1.95 -34.56	74.17 2.21 -45.36	64.45 1.87 -39.53	61.63 1.78 -36.79	60.52 1.27 -41.56	58.58 0.99 -44.17	41.45 0.60 -33.04	39.39 1.01 -25.09
GLENWOOD____5 23614	49.80 1.76 -23.25	44.40 1.75 -18.68	55.70 1.55 -32.99	43.99 1.50 -22.29	43.36 1.69 -18.50	66.85 1.87 -39.98	69.15 2.06 -38.52	81.40 2.24 -50.49	59.85 1.92 -32.66	54.22 1.65 -29.64	40.59 2.30 -10.22	37.22 2.04 -10.92	37.04 2.14 -10.59	36.53 2.08 -10.04	37.79 1.89 -12.80	43.13 1.92 -17.74	60.56 1.95 -34.56	74.17 2.21 -45.36	64.45 1.87 -39.53	61.63 1.78 -36.79	60.52 1.27 -41.56	58.58 0.99 -44.17	41.45 0.60 -33.04	39.39 1.01 -25.09
GLOBAL GREEN_PORT_GT1 23814	53.93 3.57 -25.57	47.60 3.53 -20.10	44.36 3.03 -20.17	43.81 2.93 -20.67	41.62 3.31 -15.14	49.58 3.68 -20.91	75.41 4.34 -42.49	89.60 4.56 -56.36	61.85 3.89 -32.69	55.61 3.03 -29.66	42.23 3.93 -10.22	38.49 3.30 -10.92	38.04 3.48 -10.25	37.66 3.37 -9.87	39.06 3.23 -12.73	44.72 3.52 -17.74	62.50 3.87 -34.57	76.36 4.42 -45.35	66.37 3.80 -39.52	63.53 3.69 -36.78	61.93 2.69 -41.56	59.61 2.03 -44.17	42.03 1.18 -33.04	40.24 1.86 -25.09
GLOBE____DSASP 323697	27.51 -1.79 -4.50	25.92 -1.56 -3.50	23.46 -1.50 -3.80	22.73 -1.39 -3.91	24.67 -1.76 -3.26	26.70 -1.85 -3.55	33.57 -2.43 -7.42	34.06 -2.81 -8.19	29.34 -2.43 -6.49	27.64 -2.11 -6.83	27.60 -2.55 -2.08	24.69 -2.09 -2.52	24.66 -1.99 -2.34	24.65 -2.03 -2.26	23.99 -2.03 -2.92	24.67 -2.09 -3.30	26.32 -2.24 -4.49	31.10 -2.39 -6.90	27.35 -1.91 -6.21	27.30 -2.03 -6.26	23.17 -1.49 -6.98	19.48 -1.03 -7.09	14.90 -0.48 -7.58	18.37 -0.69 -5.76
GOETHSLN____LBMP 323567	45.57 1.24 -19.54	40.39 1.22 -15.19	38.71 1.08 -16.47	38.24 1.05 -16.98	38.51 1.18 -14.16	41.74 1.32 -15.42	62.22 1.46 -32.19	71.51 1.66 -41.16	59.31 1.39 -32.65	53.86 1.31 -29.64	40.14 1.85 -10.21	36.90 1.72 -10.92	36.16 1.70 -10.15	35.90 1.66 -9.82	37.29 1.52 -12.67	41.55 1.53 -16.57	48.18 1.54 -22.58	63.04 1.76 -34.68	55.75 1.45 -31.24	51.59 1.36 -27.16	48.89 0.94 -30.27	44.95 0.75 -30.78	41.26 0.44 -33.02	39.16 0.78 -25.08
GOLAH____69_KV_TB 1_2 80279	28.46 -0.40 -4.07	26.85 -0.29 -3.16	24.26 -0.34 -3.43	23.44 -0.30 -3.54	25.68 -0.44 -2.95	27.76 -0.45 -3.21	34.74 -0.54 -6.70	36.48 -0.77 -8.57	31.38 -0.68 -6.80	28.50 -0.60 -6.17	29.50 -0.70 -2.13	25.90 -0.63 -2.27	25.84 -0.58 -2.11	25.83 -0.63 -2.04	25.11 -0.62 -2.64	26.28 -0.63 -3.45	28.06 -0.70 -4.70	33.23 -0.59 -7.22	29.14 -0.41 -6.50	28.24 -0.48 -5.66	23.65 -0.34 -6.30	19.61 -0.21 -6.41	14.62 -0.06 -6.87	18.48 -0.04 -5.22
GOODYEAR_LAKE_HYD 323669	31.73 0.84 -6.09	29.53 0.82 -4.74	27.00 0.70 -5.14	26.15 0.65 -5.30	28.33 0.74 -4.41	30.70 0.90 -4.81	39.87 1.26 -10.04	42.68 1.23 -12.77	36.40 1.01 -10.13	33.01 0.85 -9.24	32.37 1.12 -3.17	28.52 0.85 -3.40	28.28 0.80 -3.17	28.24 0.76 -3.06	27.76 0.72 -3.95	29.42 0.82 -5.14	32.07 1.01 -7.00	38.47 1.12 -10.76	33.73 0.99 -9.69	32.48 0.95 -8.47	27.79 0.67 -9.44	23.47 0.46 -9.60	18.36 0.27 -10.29	21.57 0.45 -7.82
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	32.49 0.12 -7.57	30.03 0.17 -5.89	27.68 0.13 -6.38	26.91 0.12 -6.58	28.75 0.09 -5.49	31.12 0.15 -5.98	41.23 0.17 -12.48	44.66 0.17 -15.80	37.90 0.10 -12.53	34.45 0.05 -11.49	32.14 0.14 -3.93	28.59 0.10 -4.23	28.34 0.10 -3.94	28.27 0.05 -3.81	28.05 0.05 -4.91	29.89 0.07 -6.36	32.87 0.14 -8.67	40.15 0.24 -13.31	35.27 0.23 -11.99	33.78 0.18 -10.53	29.56 0.14 -11.73	25.46 0.11 -11.93	20.68 0.08 -12.80	23.18 0.16 -9.72
GOUDEY____7 23579	32.52 0.15 -7.57	30.05 0.19 -5.89	27.70 0.15 -6.38	26.93 0.14 -6.58	28.78 0.12 -5.49	31.12 0.15 -5.98	41.26 0.20 -12.48	44.68 0.20 -15.80	37.93 0.13 -12.53	34.48 0.07 -11.49	32.17 0.17 -3.93	28.62 0.12 -4.23	28.37 0.12 -3.94	28.32 0.10 -3.81	28.08 0.07 -4.91	29.92 0.09 -6.36	32.90 0.17 -8.67	40.18 0.27 -13.31	35.30 0.25 -11.99	33.80 0.21 -10.53	29.57 0.16 -11.73	25.47 0.12 -11.93	20.69 0.09 -12.80	23.19 0.17 -9.72

GOUDEY___8 23580	32.49 0.12 -7.57	30.03 0.17 -5.89	27.68 0.13 -6.38	26.91 0.12 -6.58	28.75 0.09 -5.49	31.12 0.15 -5.98	41.23 0.17 -12.48	44.66 0.17 -15.80	37.90 0.10 -12.53	34.45 0.05 -11.49	32.14 0.14 -3.93	28.59 0.10 -4.23	28.34 0.10 -3.94	28.27 0.05 -3.81	28.05 0.05 -4.91	29.89 0.07 -6.36	32.87 0.14 -8.67	40.15 0.24 -13.31	35.27 0.23 -11.99	33.78 0.18 -10.53	29.56 0.14 -11.73	25.46 0.11 -11.93	20.68 0.08 -12.80	23.18 0.16 -9.72
GOWANUS_GT1_1 24077	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.57 1.72 -41.17	59.36 1.44 -32.65	53.94 1.38 -29.64	40.31 2.02 -10.21	37.05 1.87 -10.92	36.34 1.87 -10.15	36.04 1.81 -9.82	37.46 1.69 -12.67	41.70 1.67 -16.57	48.35 1.71 -22.58	63.17 1.89 -34.69	55.89 1.59 -31.25	51.73 1.50 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
GOWANUS_GT1_2 24078	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.57 1.72 -41.17	59.36 1.44 -32.65	53.94 1.38 -29.64	40.31 2.02 -10.21	37.05 1.87 -10.92	36.34 1.87 -10.15	36.04 1.81 -9.82	37.46 1.69 -12.67	41.70 1.67 -16.57	48.35 1.71 -22.58	63.17 1.89 -34.69	55.89 1.59 -31.25	51.73 1.50 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
GOWANUS_GT1_3 24079	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.57 1.72 -41.17	59.36 1.44 -32.65	53.94 1.38 -29.64	40.31 2.02 -10.21	37.05 1.87 -10.92	36.34 1.87 -10.15	36.04 1.81 -9.82	37.46 1.69 -12.67	41.70 1.67 -16.57	48.35 1.71 -22.58	63.17 1.89 -34.69	55.89 1.59 -31.25	51.73 1.50 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
GOWANUS_GT1_4 24080	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.57 1.72 -41.17	59.36 1.44 -32.65	53.94 1.38 -29.64	40.31 2.02 -10.21	37.05 1.87 -10.92	36.34 1.87 -10.15	36.04 1.81 -9.82	37.46 1.69 -12.67	41.70 1.67 -16.57	48.35 1.71 -22.58	63.17 1.89 -34.69	55.89 1.59 -31.25	51.73 1.50 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
GOWANUS_GT1_5 24084	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.57 1.72 -41.17	59.36 1.44 -32.65	53.94 1.38 -29.64	40.31 2.02 -10.21	37.05 1.87 -10.92	36.34 1.87 -10.15	36.04 1.81 -9.82	37.46 1.69 -12.67	41.70 1.67 -16.57	48.35 1.71 -22.58	63.17 1.89 -34.69	55.89 1.59 -31.25	51.73 1.50 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
GOWANUS_GT1_6 24111	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.57 1.72 -41.17	59.36 1.44 -32.65	53.94 1.38 -29.64	40.31 2.02 -10.21	37.05 1.87 -10.92	36.34 1.87 -10.15	36.04 1.81 -9.82	37.46 1.69 -12.67	41.70 1.67 -16.57	48.35 1.71 -22.58	63.17 1.89 -34.69	55.89 1.59 -31.25	51.73 1.50 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
GOWANUS_GT1_7 24112	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.57 1.72 -41.17	59.36 1.44 -32.65	53.94 1.38 -29.64	40.31 2.02 -10.21	37.05 1.87 -10.92	36.34 1.87 -10.15	36.04 1.81 -9.82	37.46 1.69 -12.67	41.70 1.67 -16.57	48.35 1.71 -22.58	63.17 1.89 -34.69	55.89 1.59 -31.25	51.73 1.50 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
GOWANUS_GT1_8 24113	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.57 1.72 -41.17	59.36 1.44 -32.65	53.94 1.38 -29.64	40.31 2.02 -10.21	37.05 1.87 -10.92	36.34 1.87 -10.15	36.04 1.81 -9.82	37.46 1.69 -12.67	41.70 1.67 -16.57	48.35 1.71 -22.58	63.17 1.89 -34.69	55.89 1.59 -31.25	51.73 1.50 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
GOWANUS_GT2_1 24114	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.59 1.72 -41.19	59.37 1.44 -32.67	53.95 1.38 -29.65	40.32 2.02 -10.22	37.05 1.87 -10.92	36.34 1.87 -10.16	36.05 1.81 -9.82	37.46 1.69 -12.68	41.70 1.67 -16.58	48.36 1.71 -22.60	63.12 1.83 -34.69	55.88 1.59 -31.25	51.71 1.48 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
GOWANUS_GT2_2 24115	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.59 1.72 -41.19	59.37 1.44 -32.67	53.95 1.38 -29.65	40.32 2.02 -10.22	37.05 1.87 -10.92	36.34 1.87 -10.16	36.05 1.81 -9.82	37.46 1.69 -12.68	41.70 1.67 -16.58	48.36 1.71 -22.60	63.12 1.83 -34.69	55.88 1.59 -31.25	51.71 1.48 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
GOWANUS_GT2_3 24116	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.59 1.72 -41.19	59.37 1.44 -32.67	53.95 1.38 -29.65	40.32 2.02 -10.22	37.05 1.87 -10.92	36.34 1.87 -10.16	36.05 1.81 -9.82	37.46 1.69 -12.68	41.70 1.67 -16.58	48.36 1.71 -22.60	63.12 1.83 -34.69	55.88 1.59 -31.25	51.71 1.48 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
GOWANUS_GT2_4 24117	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.59 1.72 -41.19	59.37 1.44 -32.67	53.95 1.38 -29.65	40.32 2.02 -10.22	37.05 1.87 -10.92	36.34 1.87 -10.16	36.05 1.81 -9.82	37.46 1.69 -12.68	41.70 1.67 -16.58	48.36 1.71 -22.60	63.12 1.83 -34.69	55.88 1.59 -31.25	51.71 1.48 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
GOWANUS_GT2_5 24118	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.59 1.72 -41.19	59.37 1.44 -32.67	53.95 1.38 -29.65	40.32 2.02 -10.22	37.05 1.87 -10.92	36.34 1.87 -10.16	36.05 1.81 -9.82	37.46 1.69 -12.68	41.70 1.67 -16.58	48.36 1.71 -22.60	63.12 1.83 -34.69	55.88 1.59 -31.25	51.71 1.48 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
GOWANUS_GT2_6 24119	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.59 1.72 -41.19	59.37 1.44 -32.67	53.95 1.38 -29.65	40.32 2.02 -10.22	37.05 1.87 -10.92	36.34 1.87 -10.16	36.05 1.81 -9.82	37.46 1.69 -12.68	41.70 1.67 -16.58	48.36 1.71 -22.60	63.12 1.83 -34.69	55.88 1.59 -31.25	51.71 1.48 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09

GOWANUS_GT2_7 24120	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.59 1.72 -41.19	59.37 1.44 -32.67	53.95 1.38 -29.65	40.32 2.02 -10.22	37.05 1.87 -10.92	36.34 1.87 -10.16	36.05 1.81 -9.82	37.46 1.69 -12.68	41.70 1.67 -16.58	48.36 1.71 -22.60	63.12 1.83 -34.69	55.88 1.59 -31.25	51.71 1.48 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
GOWANUS_GT2_8 24121	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.59 1.72 -41.19	59.37 1.44 -32.67	53.95 1.38 -29.65	40.32 2.02 -10.22	37.05 1.87 -10.92	36.34 1.87 -10.16	36.05 1.81 -9.82	37.46 1.69 -12.68	41.70 1.67 -16.58	48.36 1.71 -22.60	63.12 1.83 -34.69	55.88 1.59 -31.25	51.71 1.48 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
GOWANUS_GT3_1 24122	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.59 1.72 -41.19	59.37 1.44 -32.67	53.95 1.38 -29.65	40.32 2.02 -10.22	37.05 1.87 -10.92	36.34 1.87 -10.16	36.05 1.81 -9.82	37.46 1.69 -12.68	41.70 1.67 -16.58	48.36 1.71 -22.60	63.12 1.83 -34.69	55.88 1.59 -31.25	51.71 1.48 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
GOWANUS_GT3_2 24123	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.59 1.72 -41.19	59.37 1.44 -32.67	53.95 1.38 -29.65	40.32 2.02 -10.22	37.05 1.87 -10.92	36.34 1.87 -10.16	36.05 1.81 -9.82	37.46 1.69 -12.68	41.70 1.67 -16.58	48.36 1.71 -22.60	63.12 1.83 -34.69	55.88 1.59 -31.25	51.71 1.48 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
GOWANUS_GT3_3 24124	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.59 1.72 -41.19	59.37 1.44 -32.67	53.95 1.38 -29.65	40.32 2.02 -10.22	37.05 1.87 -10.92	36.34 1.87 -10.16	36.05 1.81 -9.82	37.46 1.69 -12.68	41.70 1.67 -16.58	48.36 1.71 -22.60	63.12 1.83 -34.69	55.88 1.59 -31.25	51.71 1.48 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
GOWANUS_GT3_4 24125	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.59 1.72 -41.19	59.37 1.44 -32.67	53.95 1.38 -29.65	40.32 2.02 -10.22	37.05 1.87 -10.92	36.34 1.87 -10.16	36.05 1.81 -9.82	37.46 1.69 -12.68	41.70 1.67 -16.58	48.36 1.71 -22.60	63.12 1.83 -34.69	55.88 1.59 -31.25	51.71 1.48 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
GOWANUS_GT3_5 24126	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.59 1.72 -41.19	59.37 1.44 -32.67	53.95 1.38 -29.65	40.32 2.02 -10.22	37.05 1.87 -10.92	36.34 1.87 -10.16	36.05 1.81 -9.82	37.46 1.69 -12.68	41.70 1.67 -16.58	48.36 1.71 -22.60	63.12 1.83 -34.69	55.88 1.59 -31.25	51.71 1.48 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
GOWANUS_GT3_6 24127	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.59 1.72 -41.19	59.37 1.44 -32.67	53.95 1.38 -29.65	40.32 2.02 -10.22	37.05 1.87 -10.92	36.34 1.87 -10.16	36.05 1.81 -9.82	37.46 1.69 -12.68	41.70 1.67 -16.58	48.36 1.71 -22.60	63.12 1.83 -34.69	55.88 1.59 -31.25	51.71 1.48 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
GOWANUS_GT3_7 24128	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.59 1.72 -41.19	59.37 1.44 -32.67	53.95 1.38 -29.65	40.32 2.02 -10.22	37.05 1.87 -10.92	36.34 1.87 -10.16	36.05 1.81 -9.82	37.46 1.69 -12.68	41.70 1.67 -16.58	48.36 1.71 -22.60	63.12 1.83 -34.69	55.88 1.59 -31.25	51.71 1.48 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
GOWANUS_GT3_8 24129	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.59 1.72 -41.19	59.37 1.44 -32.67	53.95 1.38 -29.65	40.32 2.02 -10.22	37.05 1.87 -10.92	36.34 1.87 -10.16	36.05 1.81 -9.82	37.46 1.69 -12.68	41.70 1.67 -16.58	48.36 1.71 -22.60	63.12 1.83 -34.69	55.88 1.59 -31.25	51.71 1.48 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
GOWANUS_GT4_1 24130	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.57 1.72 -41.17	59.36 1.44 -32.65	53.94 1.38 -29.64	40.31 2.02 -10.21	37.05 1.87 -10.92	36.34 1.87 -10.15	36.04 1.81 -9.82	37.46 1.69 -12.67	41.70 1.67 -16.57	48.35 1.71 -22.58	63.17 1.89 -34.69	55.89 1.59 -31.25	51.73 1.50 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
GOWANUS_GT4_2 24131	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.57 1.72 -41.17	59.36 1.44 -32.65	53.94 1.38 -29.64	40.31 2.02 -10.21	37.05 1.87 -10.92	36.34 1.87 -10.15	36.04 1.81 -9.82	37.46 1.69 -12.67	41.70 1.67 -16.57	48.35 1.71 -22.58	63.17 1.89 -34.69	55.89 1.59 -31.25	51.73 1.50 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
GOWANUS_GT4_3 24132	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.57 1.72 -41.17	59.36 1.44 -32.65	53.94 1.38 -29.64	40.31 2.02 -10.21	37.05 1.87 -10.92	36.34 1.87 -10.15	36.04 1.81 -9.82	37.46 1.69 -12.67	41.70 1.67 -16.57	48.35 1.71 -22.58	63.17 1.89 -34.69	55.89 1.59 -31.25	51.73 1.50 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
GOWANUS_GT4_4 24133	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.57 1.72 -41.17	59.36 1.44 -32.65	53.94 1.38 -29.64	40.31 2.02 -10.21	37.05 1.87 -10.92	36.34 1.87 -10.15	36.04 1.81 -9.82	37.46 1.69 -12.67	41.70 1.67 -16.57	48.35 1.71 -22.58	63.17 1.89 -34.69	55.89 1.59 -31.25	51.73 1.50 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
GOWANUS_GT4_5 24134	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.57 1.72 -41.17	59.36 1.44 -32.65	53.94 1.38 -29.64	40.31 2.02 -10.21	37.05 1.87 -10.92	36.34 1.87 -10.15	36.04 1.81 -9.82	37.46 1.69 -12.67	41.70 1.67 -16.57	48.35 1.71 -22.58	63.17 1.89 -34.69	55.89 1.59 -31.25	51.73 1.50 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09

GOWANUS_GT4_6 24135	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.57 1.72 -41.17	59.36 1.44 -32.65	53.94 1.38 -29.64	40.31 2.02 -10.21	37.05 1.87 -10.92	36.34 1.87 -10.15	36.04 1.81 -9.82	37.46 1.69 -12.67	41.70 1.67 -16.57	48.35 1.71 -22.58	63.17 1.89 -34.69	55.89 1.59 -31.25	51.73 1.50 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
GOWANUS_GT4_7 24136	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.57 1.72 -41.17	59.36 1.44 -32.65	53.94 1.38 -29.64	40.31 2.02 -10.21	37.05 1.87 -10.92	36.34 1.87 -10.15	36.04 1.81 -9.82	37.46 1.69 -12.67	41.70 1.67 -16.57	48.35 1.71 -22.58	63.17 1.89 -34.69	55.89 1.59 -31.25	51.73 1.50 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
GOWANUS_GT4_8 24137	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.57 1.72 -41.17	59.36 1.44 -32.65	53.94 1.38 -29.64	40.31 2.02 -10.21	37.05 1.87 -10.92	36.34 1.87 -10.15	36.04 1.81 -9.82	37.46 1.69 -12.67	41.70 1.67 -16.57	48.35 1.71 -22.58	63.17 1.89 -34.69	55.89 1.59 -31.25	51.73 1.50 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
GREENBSH_115KV_TB3 55895	49.98 0.87 -24.32	43.72 0.84 -18.90	42.40 0.74 -20.50	42.03 0.69 -21.14	41.58 0.79 -17.62	45.09 0.90 -19.19	69.55 0.91 -40.06	80.68 0.77 -51.23	66.68 0.78 -40.63	60.58 0.78 -36.88	41.63 0.84 -12.71	38.60 0.75 -13.58	37.72 0.78 -12.64	37.51 0.88 -12.22	39.67 0.81 -15.77	44.81 0.73 -20.62	52.84 0.67 -28.10	70.53 0.77 -43.16	62.60 0.67 -38.88	57.52 0.65 -33.81	55.81 0.46 -37.67	52.06 0.34 -38.31	49.11 0.21 -41.09	44.87 0.36 -31.21
GREENDGE_115KV_TB5 80291	30.06 -0.07 -5.35	28.13 0.00 -4.16	25.63 -0.04 -4.51	24.81 -0.04 -4.65	26.95 -0.09 -3.87	29.19 -0.02 -4.22	37.44 0.06 -8.81	39.82 0.09 -11.06	33.99 -0.05 -8.77	30.94 -0.09 -8.11	30.77 -0.06 -2.75	27.10 -0.15 -2.99	26.99 -0.10 -2.78	26.96 -0.15 -2.69	26.38 -0.18 -3.47	27.77 -0.14 -4.45	30.10 -0.02 -6.07	36.05 0.13 -9.31	31.62 0.18 -8.39	30.59 0.09 -7.43	26.03 0.07 -8.28	21.89 0.05 -8.42	16.87 0.03 -9.03	20.26 0.11 -6.86
GREENIDGE___3 23582	30.06 -0.07 -5.35	28.13 0.00 -4.16	25.63 -0.04 -4.51	24.81 -0.04 -4.65	26.95 -0.09 -3.87	29.19 -0.02 -4.22	37.44 0.06 -8.81	39.82 0.09 -11.06	33.99 -0.05 -8.77	30.94 -0.09 -8.11	30.77 -0.06 -2.75	27.10 -0.15 -2.99	26.99 -0.10 -2.78	26.96 -0.15 -2.69	26.38 -0.18 -3.47	27.77 -0.14 -4.45	30.10 -0.02 -6.07	36.05 0.13 -9.31	31.62 0.18 -8.39	30.59 0.09 -7.43	26.03 0.07 -8.28	21.89 0.05 -8.42	16.87 0.03 -9.03	20.26 0.11 -6.86
GREENIDGE___4 23583	30.06 -0.07 -5.35	28.13 0.00 -4.16	25.63 -0.04 -4.51	24.81 -0.04 -4.65	26.95 -0.09 -3.87	29.19 -0.02 -4.22	37.41 0.03 -8.81	39.88 0.06 -11.14	34.05 -0.05 -8.84	31.00 -0.09 -8.17	30.76 -0.08 -2.77	27.13 -0.14 -3.01	27.01 -0.10 -2.80	26.98 -0.15 -2.71	26.40 -0.19 -3.49	27.81 -0.14 -4.48	30.15 -0.02 -6.11	36.02 0.11 -9.31	31.62 0.18 -8.39	30.59 0.09 -7.43	26.03 0.07 -8.28	21.89 0.05 -8.42	16.87 0.03 -9.03	20.28 0.12 -6.86
GREENLWN_69_KV_BK 3 55738	52.29 2.01 -25.49	46.02 1.99 -20.06	43.88 1.76 -20.96	42.71 1.70 -20.81	40.42 1.90 -15.34	49.21 2.12 -22.09	73.36 2.43 -42.35	87.40 2.58 -56.14	60.15 2.22 -32.66	54.28 1.72 -29.64	40.65 2.36 -10.22	37.22 2.04 -10.92	36.81 2.24 -10.27	36.46 2.17 -9.87	37.70 1.99 -12.62	43.22 2.02 -17.74	60.61 2.00 -34.56	74.21 2.26 -45.35	64.48 1.91 -39.52	61.67 1.82 -36.78	60.57 1.33 -41.56	58.64 1.06 -44.17	41.52 0.67 -33.04	39.47 1.09 -25.09
GREENWD_138_KV_38B11_REV_LBMP_J 345004	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.57 1.72 -41.17	59.36 1.44 -32.65	53.94 1.38 -29.64	40.31 2.02 -10.21	37.05 1.87 -10.92	36.34 1.87 -10.15	36.04 1.81 -9.82	37.46 1.69 -12.67	41.70 1.67 -16.57	48.35 1.71 -22.58	63.17 1.89 -34.69	55.89 1.59 -31.25	51.73 1.50 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
GRISSOM___SOLAR 323813	54.30 1.49 -28.02	47.12 1.37 -21.78	45.99 1.21 -23.62	45.67 1.11 -24.35	44.82 1.34 -20.30	48.76 1.65 -22.11	77.08 2.34 -46.15	89.93 2.21 -59.04	73.94 1.84 -46.83	66.81 1.38 -42.51	44.32 1.60 -14.65	41.09 1.16 -15.66	40.02 1.14 -14.56	39.70 1.20 -14.08	42.56 1.29 -18.17	48.75 1.52 -23.76	58.28 1.83 -32.39	78.46 2.13 -49.73	69.67 1.82 -44.80	63.88 1.87 -38.95	62.50 1.42 -43.40	58.51 0.95 -44.13	55.63 0.48 -47.34	49.99 0.73 -35.96
GROVEVILLE___HYD 323602	45.99 1.49 -19.72	40.76 1.46 -15.32	39.05 1.27 -16.62	38.55 1.21 -17.13	38.82 1.37 -14.28	42.05 1.50 -15.56	62.77 1.71 -32.47	72.10 1.89 -41.53	59.77 1.57 -32.94	54.17 1.35 -29.90	40.12 1.74 -10.30	36.78 1.50 -11.01	36.01 1.46 -10.24	35.74 1.42 -9.90	37.22 1.34 -12.78	41.61 1.43 -16.71	48.40 1.56 -22.78	63.40 1.81 -34.99	56.07 1.50 -31.52	51.90 1.43 -27.40	49.26 1.04 -30.53	45.28 0.81 -31.05	41.57 0.45 -33.31	39.40 0.80 -25.30
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	28.36 -0.05 -3.62	26.76 -0.02 -2.81	24.19 -0.02 -3.05	23.31 -0.04 -3.14	25.72 -0.07 -2.62	27.77 -0.07 -2.85	34.51 -0.03 -5.96	36.41 0.11 -7.62	31.36 0.05 -6.04	28.43 0.02 -5.49	30.02 0.06 -1.89	26.28 0.00 -2.02	26.21 0.02 -1.88	26.23 0.00 -1.82	25.44 0.00 -2.35	26.58 0.05 -3.07	28.33 0.10 -4.18	33.18 0.16 -6.42	29.02 0.18 -5.78	28.30 0.21 -5.03	23.46 0.18 -5.60	19.24 0.12 -5.70	13.98 0.06 -6.11	18.06 0.12 -4.64
HAMLTNNY_34_KV_TB 80303	28.51 -0.02 -3.74	26.88 0.00 -2.91	24.30 -0.02 -3.16	23.44 -0.02 -3.25	25.82 -0.07 -2.71	27.90 -0.05 -2.95	34.75 0.00 -6.17	36.60 0.03 -7.89	31.50 -0.03 -6.25	28.55 -0.05 -5.68	30.00 -0.03 -1.96	26.28 -0.07 -2.09	26.21 -0.05 -1.95	26.23 -0.07 -1.88	25.46 -0.07 -2.43	26.61 -0.02 -3.17	28.41 0.02 -4.33	33.35 0.11 -6.64	29.17 0.14 -5.99	28.41 0.14 -5.20	23.61 0.12 -5.80	19.40 0.08 -5.90	14.17 0.04 -6.33	18.19 0.09 -4.80
HAMPSHIRE___PAPER_HYD 323593	25.52 -0.30 -1.03	24.41 -0.36 -0.80	21.71 -0.32 -0.86	20.75 -0.34 -0.89	23.61 -0.30 -0.74	25.48 -0.33 -0.81	29.90 -0.37 -1.69	30.47 -0.29 -2.07	26.66 -0.25 -1.64	24.11 -0.30 -1.49	28.14 -0.45 -0.51	24.35 -0.46 -0.55	24.29 -0.53 -0.51	24.42 -0.49 -0.49	23.32 -0.42 -0.64	23.83 -0.47 -0.83	24.71 -0.48 -1.14	27.89 -0.53 -1.82	24.20 -0.49 -1.64	27.14 -0.49 -4.56	18.95 -0.32 -1.59	14.81 -0.23 -1.61	10.18 -0.15 -2.52	16.38 -0.36 -3.44
HARDSCRABBLE_WT_PWR 323673	26.35 1.07 -0.49	25.39 1.03 -0.38	22.49 0.91 -0.42	21.48 0.85 -0.43	24.50 0.97 -0.36	26.48 1.10 -0.39	30.74 1.34 -0.82	30.90 1.32 -0.90	27.12 1.14 -0.71	24.60 1.03 -0.65	29.59 1.29 -0.22	25.57 1.07 -0.24	25.57 1.04 -0.22	25.68 1.05 -0.21	24.34 0.97 -0.28	24.81 0.99 -0.36	25.58 1.03 -0.49	28.49 1.01 -0.88	24.69 0.85 -0.79	24.56 0.81 -0.69	19.05 0.60 -0.77	14.63 0.43 -0.78	8.90 0.26 -0.84	14.34 0.41 -0.64

HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	44.37 1.19 -18.39	39.44 1.17 -14.29	37.70 1.04 -15.50	37.18 0.99 -15.98	37.63 1.14 -13.32	40.73 1.22 -14.51	60.27 1.40 -30.29	68.97 1.55 -38.74	57.26 1.26 -30.72	51.91 1.10 -27.89	39.18 1.49 -9.61	35.89 1.36 -10.27	35.20 1.34 -9.56	34.95 1.29 -9.24	36.22 1.20 -11.92	40.27 1.22 -15.59	46.66 1.35 -21.25	60.84 1.60 -32.64	53.74 1.29 -29.40	49.83 1.20 -25.56	47.03 0.87 -28.48	43.06 0.67 -28.97	39.27 0.39 -31.07	37.58 0.68 -23.60
HARSNRAD_115KV_TB1 81005	28.05 -1.21 -4.47	26.44 -1.01 -3.47	23.92 -1.02 -3.77	23.16 -0.93 -3.88	25.16 -1.25 -3.24	27.25 -1.27 -3.53	34.23 -1.71 -7.36	35.03 -2.07 -8.41	30.14 -1.79 -6.67	28.14 -1.56 -6.78	28.35 -1.85 -2.13	25.21 -1.55 -2.50	25.17 -1.46 -2.32	25.15 -1.51 -2.25	24.52 -1.48 -2.90	25.30 -1.55 -3.39	27.02 -1.66 -4.62	31.98 -1.70 -7.08	28.10 -1.34 -6.38	27.83 -1.45 -6.21	23.55 -1.06 -6.92	19.74 -0.72 -7.04	15.03 -0.32 -7.55	18.61 -0.43 -5.74
HARZA MOOSE__RIVER 24016	26.48 0.40 -1.29	25.31 0.34 -1.00	22.55 0.30 -1.09	21.57 0.24 -1.12	24.43 0.32 -0.93	26.41 0.40 -1.02	31.39 0.69 -2.12	32.15 0.75 -2.72	28.01 0.58 -2.16	25.29 0.41 -1.96	29.23 0.48 -0.68	25.23 0.24 -0.72	25.15 0.17 -0.67	25.24 0.17 -0.65	24.14 0.21 -0.84	24.82 0.26 -1.10	25.99 0.43 -1.49	29.39 0.51 -2.29	25.55 0.44 -2.06	26.19 0.42 -2.71	19.98 0.30 -2.00	15.61 0.16 -2.03	10.30 0.09 -2.41	15.69 0.12 -2.28
HDSNBRDG_115KV_BRDG_TB1 355580	27.99 -0.22 -3.42	26.44 -0.19 -2.66	23.85 -0.19 -2.88	22.99 -0.18 -2.97	25.42 -0.23 -2.48	27.44 -0.25 -2.70	33.95 -0.26 -5.63	35.65 -0.23 -7.20	30.75 -0.23 -5.71	27.88 -0.23 -5.18	29.61 -0.25 -1.79	25.93 -0.24 -1.91	25.87 -0.22 -1.78	25.89 -0.24 -1.72	25.08 -0.23 -2.22	26.15 -0.21 -2.90	27.84 -0.17 -3.95	32.56 -0.11 -6.07	28.44 -0.07 -5.46	27.77 -0.05 -4.75	22.96 -0.02 -5.29	18.79 -0.01 -5.38	13.56 -0.02 -5.77	17.68 0.00 -4.39
HELLGATE_13_KV_LD 55870	45.90 1.56 -19.54	40.70 1.53 -15.19	38.99 1.35 -16.47	38.48 1.29 -16.98	38.79 1.46 -14.16	41.92 1.50 -15.42	62.28 1.51 -32.19	71.57 1.72 -41.17	59.38 1.47 -32.65	53.96 1.40 -29.64	40.31 2.02 -10.21	37.05 1.87 -10.92	36.31 1.85 -10.15	36.04 1.81 -9.82	37.43 1.66 -12.67	41.67 1.64 -16.57	48.35 1.71 -22.58	63.15 1.86 -34.69	55.86 1.57 -31.25	51.73 1.50 -27.17	48.98 1.03 -30.27	45.02 0.82 -30.78	41.32 0.49 -33.02	39.33 0.94 -25.09
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	45.90 1.56 -19.54	40.70 1.53 -15.19	38.99 1.35 -16.47	38.48 1.29 -16.98	38.79 1.46 -14.16	41.92 1.50 -15.42	62.28 1.51 -32.19	71.57 1.72 -41.17	59.38 1.47 -32.65	53.96 1.40 -29.64	40.31 2.02 -10.21	37.05 1.87 -10.92	36.31 1.85 -10.15	36.04 1.81 -9.82	37.43 1.66 -12.67	41.67 1.64 -16.57	48.35 1.71 -22.58	63.15 1.86 -34.69	55.86 1.57 -31.25	51.73 1.50 -27.17	48.98 1.03 -30.27	45.02 0.82 -30.78	41.32 0.49 -33.02	39.33 0.94 -25.09
HEMPSTEAD____ 23647	50.64 1.81 -24.04	45.15 1.82 -19.35	58.43 1.61 -35.66	45.11 1.56 -23.35	44.13 1.76 -19.20	70.86 1.92 -43.94	70.58 2.14 -39.86	83.49 2.32 -52.49	59.98 2.02 -32.68	54.21 1.63 -29.66	40.54 2.25 -10.22	37.18 1.99 -10.92	37.11 2.14 -10.66	36.57 2.07 -10.08	37.95 1.89 -12.96	43.14 1.92 -17.76	60.62 2.00 -34.57	74.17 2.21 -45.36	64.47 1.89 -39.53	61.63 1.78 -36.79	60.54 1.29 -41.56	58.59 1.01 -44.17	41.47 0.62 -33.04	39.41 1.02 -25.09
HEWLETT__69_KV_BK3 55828	51.33 2.11 -24.43	46.86 2.09 -20.79	101.36 1.84 -78.35	55.07 1.78 -33.09	55.56 1.99 -30.40	134.63 2.22 -107.41	71.65 2.54 -40.53	84.83 2.70 -53.46	60.25 2.32 -32.66	54.42 1.86 -29.64	40.85 2.55 -10.22	37.41 2.23 -10.92	38.51 2.41 -11.79	37.41 2.34 -10.65	38.73 2.15 -13.49	43.40 2.16 -17.78	60.90 2.29 -34.56	74.57 2.58 -45.39	64.78 2.17 -39.56	61.98 2.10 -36.82	60.77 1.52 -41.56	58.77 1.18 -44.17	41.56 0.72 -33.04	39.57 1.18 -25.09
HICKLING____1 23621	30.91 -0.20 -6.31	28.81 -0.07 -4.91	26.38 -0.11 -5.32	25.59 -0.10 -5.49	27.54 -0.21 -4.57	29.85 -0.12 -4.98	38.78 -0.20 -10.40	41.45 -0.23 -13.00	35.30 -0.28 -10.31	32.17 -0.32 -9.57	31.00 -0.31 -3.24	27.50 -0.29 -3.53	27.32 -0.27 -3.28	27.25 -0.34 -3.17	26.82 -0.37 -4.09	28.34 -0.35 -5.23	30.92 -0.26 -7.13	37.42 -0.13 -10.95	32.80 -0.12 -9.86	31.61 -0.23 -8.78	27.28 -0.18 -9.78	23.27 -0.09 -9.94	18.45 -0.02 -10.67	21.44 0.04 -8.10
HICKLING____2 23622	30.91 -0.20 -6.31	28.81 -0.07 -4.91	26.38 -0.11 -5.32	25.59 -0.10 -5.49	27.54 -0.21 -4.57	29.85 -0.12 -4.98	38.78 -0.20 -10.40	41.45 -0.23 -13.00	35.30 -0.28 -10.31	32.17 -0.32 -9.57	31.00 -0.31 -3.24	27.50 -0.29 -3.53	27.32 -0.27 -3.28	27.25 -0.34 -3.17	26.82 -0.37 -4.09	28.34 -0.35 -5.23	30.92 -0.26 -7.13	37.42 -0.13 -10.95	32.80 -0.12 -9.86	31.61 -0.23 -8.78	27.28 -0.18 -9.78	23.27 -0.09 -9.94	18.45 -0.02 -10.67	21.44 0.04 -8.10
HIGH FALLS____HY 23754	45.84 1.29 -19.76	40.62 1.29 -15.35	38.94 1.12 -16.65	38.45 1.07 -17.17	38.69 1.20 -14.31	41.89 1.30 -15.59	62.63 1.51 -32.54	72.04 1.75 -41.61	59.64 1.36 -33.00	54.03 1.15 -29.96	39.92 1.52 -10.32	36.63 1.33 -11.03	35.86 1.29 -10.26	35.56 1.22 -9.92	37.04 1.13 -12.81	41.45 1.24 -16.75	48.31 1.42 -22.83	63.31 1.65 -35.06	55.99 1.36 -31.58	51.79 1.27 -27.46	49.22 0.94 -30.60	45.26 0.72 -31.11	41.59 0.41 -33.38	39.37 0.72 -25.35
HILLBURN____GT 23639	44.54 1.12 -18.64	39.59 1.13 -14.48	37.89 1.02 -15.71	37.37 0.97 -16.19	37.76 1.09 -13.50	40.90 1.20 -14.71	60.64 1.37 -30.69	69.47 1.52 -39.27	57.65 1.24 -31.15	52.32 1.12 -28.28	39.36 1.54 -9.74	36.11 1.43 -10.41	35.43 1.43 -9.69	35.15 1.37 -9.37	36.43 1.25 -12.09	40.53 1.27 -15.81	46.95 1.35 -21.55	61.21 1.54 -33.07	54.13 1.29 -29.79	50.17 1.20 -25.90	47.39 0.85 -28.86	43.43 0.66 -29.35	39.68 0.39 -31.49	37.90 0.69 -23.92
HILLSIDE_115KV_TB1 80332	30.79 -0.47 -6.47	28.67 -0.34 -5.03	26.26 -0.36 -5.45	25.48 -0.34 -5.62	27.40 -0.46 -4.69	29.68 -0.42 -5.11	38.66 -0.57 -10.66	41.37 -0.66 -13.35	35.20 -0.66 -10.59	32.09 -0.64 -9.81	30.73 -0.67 -3.32	27.29 -0.58 -3.61	27.11 -0.56 -3.36	27.03 -0.63 -3.25	26.65 -0.65 -4.19	28.18 -0.66 -5.37	30.78 -0.60 -7.32	37.37 -0.48 -11.25	32.74 -0.44 -10.13	31.53 -0.53 -8.99	27.30 -0.41 -10.02	23.34 -0.27 -10.19	18.62 -0.12 -10.93	21.47 -0.13 -8.30
HISHELDN_WT_PWR 323625	28.69 -1.07 -4.97	26.97 -0.86 -3.86	24.48 -0.87 -4.18	23.71 -0.81 -4.32	25.70 -1.07 -3.60	27.84 -1.07 -3.92	35.24 -1.52 -8.18	36.49 -1.78 -9.58	31.33 -1.54 -7.60	29.18 -1.33 -7.59	28.92 -1.57 -2.42	25.72 -1.33 -2.79	25.62 -1.29 -2.60	25.59 -1.34 -2.51	25.00 -1.34 -3.24	25.94 -1.38 -3.86	27.88 -1.44 -5.26	32.99 -1.62 -8.01	29.07 -1.20 -7.22	28.65 -1.31 -6.90	24.38 -0.99 -7.69	20.57 -0.67 -7.82	15.88 -0.31 -8.39	19.27 -0.40 -6.37
HOLTSVILLE_IC_1 23690	52.97 2.60 -25.58	46.67 2.59 -20.10	43.53 2.27 -20.10	43.05 2.18 -20.66	40.75 2.46 -15.12	48.53 2.72 -20.81	74.20 3.12 -42.50	88.35 3.30 -56.37	60.81 2.85 -32.69	54.78 2.20 -29.66	41.19 2.89 -10.22	37.66 2.48 -10.92	37.21 2.65 -10.25	36.85 2.56 -9.87	38.23 2.40 -12.73	43.76 2.56 -17.74	61.37 2.74 -34.57	75.03 3.08 -45.35	65.22 2.65 -39.52	62.40 2.56 -36.78	61.12 1.87 -41.56	59.01 1.42 -44.17	41.71 0.87 -33.04	39.77 1.38 -25.09

HOLTSVILLE_IC_10 23699	53.10 2.75 -25.55	46.80 2.73 -20.09	43.97 2.39 -20.41	43.23 2.30 -20.72	40.97 2.59 -15.20	49.15 2.87 -21.28	74.35 3.31 -42.46	88.49 3.50 -56.31	60.99 3.03 -32.69	54.92 2.34 -29.66	41.36 3.06 -10.22	37.78 2.60 -10.92	37.36 2.79 -10.26	37.00 2.71 -9.87	38.37 2.54 -12.73	43.90 2.70 -17.74	61.56 2.93 -34.57	75.25 3.30 -45.35	65.41 2.83 -39.52	62.59 2.74 -36.78	61.26 2.02 -41.56	59.11 1.53 -44.17	41.77 0.92 -33.04	39.85 1.46 -25.09
HOLTSVILLE_IC_2 23691	52.97 2.60 -25.58	46.67 2.59 -20.10	43.53 2.27 -20.10	43.05 2.18 -20.66	40.75 2.46 -15.12	48.53 2.72 -20.81	74.20 3.12 -42.50	88.35 3.30 -56.37	60.81 2.85 -32.69	54.78 2.20 -29.66	41.19 2.89 -10.22	37.66 2.48 -10.92	37.21 2.65 -10.25	36.85 2.56 -9.87	38.23 2.40 -12.73	43.76 2.56 -17.74	61.37 2.74 -34.57	75.03 3.08 -45.35	65.22 2.65 -39.52	62.40 2.56 -36.78	61.12 1.87 -41.56	59.01 1.42 -44.17	41.71 0.87 -33.04	39.77 1.38 -25.09
HOLTSVILLE_IC_3 23692	52.97 2.60 -25.58	46.67 2.59 -20.10	43.53 2.27 -20.10	43.05 2.18 -20.66	40.75 2.46 -15.12	48.53 2.72 -20.81	74.20 3.12 -42.50	88.35 3.30 -56.37	60.81 2.85 -32.69	54.78 2.20 -29.66	41.19 2.89 -10.22	37.66 2.48 -10.92	37.21 2.65 -10.25	36.85 2.56 -9.87	38.23 2.40 -12.73	43.76 2.56 -17.74	61.37 2.74 -34.57	75.03 3.08 -45.35	65.22 2.65 -39.52	62.40 2.56 -36.78	61.12 1.87 -41.56	59.01 1.42 -44.17	41.71 0.87 -33.04	39.77 1.38 -25.09
HOLTSVILLE_IC_4 23693	52.97 2.60 -25.58	46.67 2.59 -20.10	43.53 2.27 -20.10	43.05 2.18 -20.66	40.75 2.46 -15.12	48.53 2.72 -20.81	74.20 3.12 -42.50	88.35 3.30 -56.37	60.81 2.85 -32.69	54.78 2.20 -29.66	41.19 2.89 -10.22	37.66 2.48 -10.92	37.21 2.65 -10.25	36.85 2.56 -9.87	38.23 2.40 -12.73	43.76 2.56 -17.74	61.37 2.74 -34.57	75.03 3.08 -45.35	65.22 2.65 -39.52	62.40 2.56 -36.78	61.12 1.87 -41.56	59.01 1.42 -44.17	41.71 0.87 -33.04	39.77 1.38 -25.09
HOLTSVILLE_IC_5 23694	52.97 2.60 -25.58	46.67 2.59 -20.10	43.53 2.27 -20.10	43.05 2.18 -20.66	40.75 2.46 -15.12	48.53 2.72 -20.81	74.20 3.12 -42.50	88.35 3.30 -56.37	60.81 2.85 -32.69	54.78 2.20 -29.66	41.19 2.89 -10.22	37.66 2.48 -10.92	37.21 2.65 -10.25	36.85 2.56 -9.87	38.23 2.40 -12.73	43.76 2.56 -17.74	61.37 2.74 -34.57	75.03 3.08 -45.35	65.22 2.65 -39.52	62.40 2.56 -36.78	61.12 1.87 -41.56	59.01 1.42 -44.17	41.71 0.87 -33.04	39.77 1.38 -25.09
HOLTSVILLE_IC_6 23695	53.10 2.75 -25.55	46.80 2.73 -20.09	43.97 2.39 -20.41	43.23 2.30 -20.72	40.97 2.59 -15.20	49.15 2.87 -21.28	74.35 3.31 -42.46	88.49 3.50 -56.31	60.99 3.03 -32.69	54.92 2.34 -29.66	41.36 3.06 -10.22	37.78 2.60 -10.92	37.36 2.79 -10.26	37.00 2.71 -9.87	38.37 2.54 -12.73	43.90 2.70 -17.74	61.56 2.93 -34.57	75.25 3.30 -45.35	65.41 2.83 -39.52	62.59 2.74 -36.78	61.26 2.02 -41.56	59.11 1.53 -44.17	41.77 0.92 -33.04	39.85 1.46 -25.09
HOLTSVILLE_IC_7 23696	53.10 2.75 -25.55	46.80 2.73 -20.09	43.97 2.39 -20.41	43.23 2.30 -20.72	40.97 2.59 -15.20	49.15 2.87 -21.28	74.35 3.31 -42.46	88.49 3.50 -56.31	60.99 3.03 -32.69	54.92 2.34 -29.66	41.36 3.06 -10.22	37.78 2.60 -10.92	37.36 2.79 -10.26	37.00 2.71 -9.87	38.37 2.54 -12.73	43.90 2.70 -17.74	61.56 2.93 -34.57	75.25 3.30 -45.35	65.41 2.83 -39.52	62.59 2.74 -36.78	61.26 2.02 -41.56	59.11 1.53 -44.17	41.77 0.92 -33.04	39.85 1.46 -25.09
HOLTSVILLE_IC_8 23697	53.10 2.75 -25.55	46.80 2.73 -20.09	43.97 2.39 -20.41	43.23 2.30 -20.72	40.97 2.59 -15.20	49.15 2.87 -21.28	74.35 3.31 -42.46	88.49 3.50 -56.31	60.99 3.03 -32.69	54.92 2.34 -29.66	41.36 3.06 -10.22	37.78 2.60 -10.92	37.36 2.79 -10.26	37.00 2.71 -9.87	38.37 2.54 -12.73	43.90 2.70 -17.74	61.56 2.93 -34.57	75.25 3.30 -45.35	65.41 2.83 -39.52	62.59 2.74 -36.78	61.26 2.02 -41.56	59.11 1.53 -44.17	41.77 0.92 -33.04	39.85 1.46 -25.09
HOLTSVILLE_IC_9 23698	53.10 2.75 -25.55	46.80 2.73 -20.09	43.97 2.39 -20.41	43.23 2.30 -20.72	40.97 2.59 -15.20	49.15 2.87 -21.28	74.35 3.31 -42.46	88.49 3.50 -56.31	60.99 3.03 -32.69	54.92 2.34 -29.66	41.36 3.06 -10.22	37.78 2.60 -10.92	37.36 2.79 -10.26	37.00 2.71 -9.87	38.37 2.54 -12.73	43.90 2.70 -17.74	61.56 2.93 -34.57	75.25 3.30 -45.35	65.41 2.83 -39.52	62.59 2.74 -36.78	61.26 2.02 -41.56	59.11 1.53 -44.17	41.77 0.92 -33.04	39.85 1.46 -25.09
HOMER_HL_115KV_TB2 355744	28.35 -1.39 -4.94	26.69 -1.13 -3.84	24.23 -1.10 -4.16	23.47 -1.03 -4.29	25.43 -1.32 -3.58	27.54 -1.35 -3.90	35.00 -1.71 -8.14	36.26 -1.92 -9.50	31.01 -1.79 -7.54	28.72 -1.70 -7.49	28.56 -1.91 -2.39	25.40 -1.63 -2.76	25.30 -1.58 -2.57	25.22 -1.68 -2.48	24.62 -1.69 -3.20	25.53 -1.76 -3.83	27.59 -1.68 -5.22	33.09 -1.52 -8.01	28.81 -1.45 -7.21	28.27 -1.66 -6.87	24.08 -1.26 -7.65	20.34 -0.86 -7.78	15.73 -0.42 -8.35	19.01 -0.62 -6.34
HOWARD_WT_PWR 323690	29.85 -0.57 -5.63	27.97 -0.38 -4.38	25.51 -0.40 -4.74	24.73 -0.36 -4.89	26.74 -0.51 -4.08	28.99 -0.45 -4.44	37.20 -0.66 -9.27	39.52 -0.72 -11.56	33.68 -0.76 -9.17	30.80 -0.71 -8.59	30.14 -0.82 -2.88	26.72 -0.70 -3.16	26.57 -0.68 -2.94	26.48 -0.78 -2.85	25.96 -0.81 -3.67	27.29 -0.82 -4.65	29.61 -0.79 -6.34	35.40 -0.88 -9.68	31.12 -0.65 -8.72	30.11 -0.78 -7.82	25.85 -0.55 -8.72	21.90 -0.39 -8.87	17.13 -0.19 -9.51	20.32 -0.20 -7.22
HQ_GEN_CEDARS 23644	24.74 -0.05 0.00	23.86 -0.12 0.00	21.08 -0.08 0.00	20.12 -0.08 0.00	23.17 0.00 0.00	24.95 -0.05 0.00	28.29 -0.29 0.00	28.39 -0.29 0.00	25.24 -0.03 0.00	22.90 -0.02 0.00	27.82 -0.25 0.00	24.19 -0.07 0.00	24.21 -0.10 0.00	24.37 -0.05 0.00	23.10 0.00 0.00	23.39 -0.07 0.00	23.89 -0.17 0.00	26.36 -0.24 0.00	22.80 -0.25 0.00	24.09 -0.25 -1.28	17.52 -0.16 0.00	13.34 -0.08 0.00	8.05 -0.07 -0.32	13.92 -0.24 -0.86
HQ_GEN_CEDARS_PROXY 323590	24.74 -0.05 0.00	23.86 -0.12 0.00	21.08 -0.08 0.00	20.13 -0.08 0.00	23.17 0.00 0.00	24.95 -0.05 0.00	28.29 -0.29 0.00	28.48 -0.20 0.00	25.24 -0.03 0.00	22.90 -0.02 0.00	27.85 -0.23 0.00	24.19 -0.07 0.00	24.21 -0.10 0.00	24.37 -0.05 0.00	23.10 0.00 0.00	23.39 -0.07 0.00	23.89 -0.17 0.00	26.36 -0.24 0.00	22.80 -0.25 0.00	24.09 -0.25 -1.27	17.52 -0.16 0.00	13.34 -0.08 0.00	8.05 -0.07 -0.32	13.92 -0.24 -0.86
HQ_GEN_IMPORT 323601	24.59 -0.20 0.00	23.74 -0.24 0.00	20.97 -0.19 0.00	20.02 -0.18 0.00	22.99 -0.19 0.00	24.79 -0.20 0.00	28.32 -0.26 0.00	28.42 -0.26 0.00	25.06 -0.20 0.00	22.76 -0.16 0.00	27.82 -0.25 0.00	24.07 -0.19 0.00	24.09 -0.22 0.00	24.22 -0.20 0.00	22.94 -0.16 0.00	23.27 -0.19 0.00	23.84 -0.22 0.00	26.33 -0.27 0.00	22.77 -0.28 0.00	22.79 -0.28 0.00	17.49 -0.19 0.00	13.29 -0.13 0.00	7.72 -0.09 0.00	13.12 -0.17 0.00
HQ_GEN_WHEEL 23651	24.59 -0.20 0.00	23.74 -0.24 0.00	20.97 -0.19 0.00	20.02 -0.18 0.00	22.99 -0.19 0.00	24.79 -0.20 0.00	28.32 -0.26 0.00	28.42 -0.26 0.00	25.06 -0.20 0.00	22.76 -0.16 0.00	27.82 -0.25 0.00	24.07 -0.19 0.00	24.09 -0.22 0.00	24.22 -0.20 0.00	22.94 -0.16 0.00	23.27 -0.19 0.00	23.84 -0.22 0.00	26.33 -0.27 0.00	22.77 -0.28 0.00	22.79 -0.28 0.00	17.49 -0.19 0.00	13.29 -0.13 0.00	7.72 -0.09 0.00	13.12 -0.17 0.00

HUDSON AVE_GT_3 23810	45.72 1.39 -19.54	40.55 1.39 -15.19	38.84 1.21 -16.47	38.36 1.17 -16.98	38.65 1.32 -14.16	41.89 1.47 -15.42	62.40 1.63 -32.19	71.71 1.86 -41.16	59.48 1.57 -32.65	54.03 1.47 -29.64	40.31 2.02 -10.21	37.05 1.87 -10.92	36.31 1.85 -10.15	36.02 1.78 -9.82	37.43 1.66 -12.67	41.67 1.64 -16.57	48.33 1.68 -22.58	63.20 1.92 -34.68	55.88 1.59 -31.24	51.73 1.50 -27.16	48.99 1.04 -30.27	45.03 0.83 -30.78	41.31 0.48 -33.02	39.24 0.86 -25.08
HUDSON AVE_GT_4 23540	45.72 1.39 -19.54	40.55 1.39 -15.19	38.84 1.21 -16.47	38.36 1.17 -16.98	38.65 1.32 -14.16	41.89 1.47 -15.42	62.40 1.63 -32.19	71.71 1.86 -41.16	59.48 1.57 -32.65	54.03 1.47 -29.64	40.31 2.02 -10.21	37.05 1.87 -10.92	36.31 1.85 -10.15	36.02 1.78 -9.82	37.43 1.66 -12.67	41.67 1.64 -16.57	48.33 1.68 -22.58	63.20 1.92 -34.68	55.88 1.59 -31.24	51.73 1.50 -27.16	48.99 1.04 -30.27	45.03 0.83 -30.78	41.31 0.48 -33.02	39.24 0.86 -25.08
HUDSON AVE_GT_5 23657	45.72 1.39 -19.54	40.55 1.39 -15.19	38.84 1.21 -16.47	38.36 1.17 -16.98	38.65 1.32 -14.16	41.89 1.47 -15.42	62.40 1.63 -32.19	71.71 1.86 -41.16	59.48 1.57 -32.65	54.03 1.47 -29.64	40.31 2.02 -10.21	37.05 1.87 -10.92	36.31 1.85 -10.15	36.02 1.78 -9.82	37.43 1.66 -12.67	41.67 1.64 -16.57	48.33 1.68 -22.58	63.20 1.92 -34.68	55.88 1.59 -31.24	51.73 1.50 -27.16	48.99 1.04 -30.27	45.03 0.83 -30.78	41.31 0.48 -33.02	39.24 0.86 -25.08
HUDSON_AVE_10 24168	45.67 1.34 -19.54	40.48 1.32 -15.19	38.80 1.16 -16.47	38.30 1.11 -16.98	38.61 1.27 -14.16	41.82 1.40 -15.42	62.34 1.57 -32.19	71.65 1.81 -41.16	59.43 1.52 -32.65	53.98 1.42 -29.64	40.20 1.91 -10.21	36.95 1.77 -10.92	36.21 1.75 -10.15	35.94 1.71 -9.82	37.34 1.57 -12.67	41.60 1.57 -16.57	48.25 1.61 -22.58	63.12 1.84 -34.68	55.81 1.52 -31.24	51.66 1.43 -27.16	48.94 0.99 -30.27	44.98 0.78 -30.78	41.29 0.47 -33.02	39.22 0.84 -25.08
HUDSON___115KV_TB 4 355613	49.71 1.17 -23.75	43.51 1.08 -18.46	42.13 0.95 -20.01	41.73 0.89 -20.64	41.42 1.04 -17.21	44.89 1.15 -18.74	68.98 1.29 -39.11	79.85 1.15 -50.02	65.98 1.04 -39.67	59.81 0.87 -36.01	41.38 0.90 -12.41	38.26 0.73 -13.26	37.38 0.73 -12.34	37.18 0.83 -11.93	39.30 0.81 -15.40	44.39 0.80 -20.13	52.37 0.87 -27.44	69.81 1.06 -42.15	61.96 0.95 -37.97	57.00 0.92 -33.01	55.15 0.69 -36.78	51.31 0.48 -37.40	48.21 0.28 -40.12	44.23 0.45 -30.48
HUNTER MOUNT___DRP 323613	49.14 1.24 -23.11	43.09 1.15 -17.96	41.63 0.99 -19.47	41.22 0.93 -20.08	41.00 1.09 -16.74	44.43 1.20 -18.24	67.98 1.34 -38.06	78.56 1.20 -48.67	64.96 1.09 -38.60	58.84 0.87 -35.04	40.97 0.81 -12.08	37.75 0.58 -12.91	36.92 0.61 -12.01	36.73 0.71 -11.61	38.80 0.72 -14.98	43.78 0.73 -19.59	51.63 0.87 -26.70	68.70 1.09 -41.01	60.96 0.97 -36.94	56.13 0.95 -32.12	54.18 0.71 -35.79	50.31 0.50 -36.39	47.12 0.27 -39.04	43.38 0.43 -29.66
HUNTINGTON_RES_REC 323705	52.88 2.55 -25.53	46.59 2.54 -20.08	44.01 2.22 -20.62	43.10 2.14 -20.75	40.79 2.36 -15.26	49.20 2.62 -21.59	74.02 3.03 -42.42	88.14 3.21 -56.25	60.74 2.78 -32.69	54.71 2.13 -29.66	41.10 2.81 -10.22	37.59 2.40 -10.92	37.18 2.60 -10.26	36.81 2.52 -9.87	38.19 2.36 -12.73	43.69 2.49 -17.74	61.27 2.65 -34.57	74.93 2.98 -45.35	65.13 2.56 -39.52	62.31 2.47 -36.78	61.05 1.80 -41.56	58.97 1.38 -44.17	41.68 0.84 -33.04	39.71 1.33 -25.09
HUNTLEY___63 23557	28.20 -1.14 -4.55	26.60 -0.91 -3.54	24.07 -0.93 -3.83	23.29 -0.87 -3.95	25.31 -1.16 -3.30	27.39 -1.20 -3.59	34.47 -1.60 -7.49	35.19 -1.95 -8.46	30.31 -1.67 -6.71	28.35 -1.47 -6.90	28.48 -1.74 -2.15	25.37 -1.43 -2.54	25.34 -1.34 -2.36	25.29 -1.42 -2.29	24.64 -1.41 -2.95	25.42 -1.45 -3.41	27.14 -1.56 -4.64	32.13 -1.60 -7.13	28.23 -1.24 -6.42	28.01 -1.38 -6.32	23.70 -1.03 -7.05	19.90 -0.68 -7.17	15.18 -0.30 -7.67	18.73 -0.40 -5.83
HUNTLEY___64 23558	28.20 -1.14 -4.55	26.60 -0.91 -3.54	24.07 -0.93 -3.83	23.29 -0.87 -3.95	25.31 -1.16 -3.30	27.39 -1.20 -3.59	34.47 -1.60 -7.49	35.19 -1.95 -8.46	30.31 -1.67 -6.71	28.35 -1.47 -6.90	28.48 -1.74 -2.15	25.37 -1.43 -2.54	25.34 -1.34 -2.36	25.29 -1.42 -2.29	24.64 -1.41 -2.95	25.42 -1.45 -3.41	27.14 -1.56 -4.64	32.13 -1.60 -7.13	28.23 -1.24 -6.42	28.01 -1.38 -6.32	23.70 -1.03 -7.05	19.90 -0.68 -7.17	15.18 -0.30 -7.67	18.73 -0.40 -5.83
HUNTLEY___65 23559	28.20 -1.14 -4.55	26.60 -0.91 -3.54	24.07 -0.93 -3.83	23.29 -0.87 -3.95	25.31 -1.16 -3.30	27.39 -1.20 -3.59	34.47 -1.60 -7.49	35.19 -1.95 -8.46	30.31 -1.67 -6.71	28.35 -1.47 -6.90	28.48 -1.74 -2.15	25.37 -1.43 -2.54	25.34 -1.34 -2.36	25.29 -1.42 -2.29	24.64 -1.41 -2.95	25.42 -1.45 -3.41	27.14 -1.56 -4.64	32.13 -1.60 -7.13	28.23 -1.24 -6.42	28.01 -1.38 -6.32	23.70 -1.03 -7.05	19.90 -0.68 -7.17	15.18 -0.30 -7.67	18.73 -0.40 -5.83
HUNTLEY___66 23560	28.20 -1.14 -4.55	26.60 -0.91 -3.54	24.07 -0.93 -3.83	23.29 -0.87 -3.95	25.31 -1.16 -3.30	27.39 -1.20 -3.59	34.47 -1.60 -7.49	35.19 -1.95 -8.46	30.31 -1.67 -6.71	28.35 -1.47 -6.90	28.48 -1.74 -2.15	25.37 -1.43 -2.54	25.34 -1.34 -2.36	25.29 -1.42 -2.29	24.64 -1.41 -2.95	25.42 -1.45 -3.41	27.14 -1.56 -4.64	32.13 -1.60 -7.13	28.23 -1.24 -6.42	28.01 -1.38 -6.32	23.70 -1.03 -7.05	19.90 -0.68 -7.17	15.18 -0.30 -7.67	18.73 -0.40 -5.83
HUNTLEY___67 23561	28.16 -1.24 -4.60	26.52 -1.03 -3.58	24.01 -1.04 -3.88	23.26 -0.95 -4.00	25.23 -1.27 -3.34	27.33 -1.30 -3.63	34.42 -1.74 -7.58	35.11 -2.07 -8.49	30.21 -1.79 -6.74	28.32 -1.58 -6.98	28.35 -1.88 -2.16	25.28 -1.55 -2.57	25.22 -1.48 -2.39	25.19 -1.54 -2.31	24.58 -1.50 -2.98	25.31 -1.57 -3.42	27.04 -1.68 -4.66	32.02 -1.73 -7.15	28.11 -1.38 -6.45	27.97 -1.50 -6.40	23.72 -1.10 -7.13	19.93 -0.74 -7.25	15.25 -0.34 -7.78	18.75 -0.45 -5.91
HUNTLEY___68 23562	28.16 -1.24 -4.60	26.52 -1.03 -3.58	24.01 -1.04 -3.88	23.26 -0.95 -4.00	25.23 -1.27 -3.34	27.33 -1.30 -3.63	34.42 -1.74 -7.58	35.11 -2.07 -8.49	30.21 -1.79 -6.74	28.32 -1.58 -6.98	28.35 -1.88 -2.16	25.28 -1.55 -2.57	25.22 -1.48 -2.39	25.19 -1.54 -2.31	24.58 -1.50 -2.98	25.31 -1.57 -3.42	27.04 -1.68 -4.66	32.02 -1.73 -7.15	28.11 -1.38 -6.45	27.97 -1.50 -6.40	23.72 -1.10 -7.13	19.93 -0.74 -7.25	15.25 -0.34 -7.78	18.75 -0.45 -5.91
HYLAND___LFGE 323620	30.10 0.37 -4.93	28.19 0.38 -3.83	25.56 0.23 -4.16	24.76 0.26 -4.29	27.00 0.26 -3.57	29.24 0.35 -3.89	37.31 0.60 -8.13	39.39 0.52 -10.19	33.53 0.18 -8.08	30.37 -0.09 -7.54	30.36 -0.25 -2.54	26.70 -0.34 -2.78	26.58 -0.32 -2.58	26.52 -0.39 -2.50	25.91 -0.42 -3.22	27.31 -0.26 -4.10	29.65 0.00 -5.59	35.54 0.42 -8.52	31.35 0.62 -7.67	30.50 0.58 -6.86	25.77 0.44 -7.64	21.50 0.31 -7.77	16.32 0.18 -8.34	20.01 0.39 -6.33
INDECK___CORINTH 23802	50.58 0.74 -25.04	44.11 0.67 -19.47	42.84 0.57 -21.11	42.50 0.52 -21.77	41.94 0.63 -18.15	45.54 0.78 -19.76	70.94 1.11 -41.25	82.51 1.06 -52.77	68.00 0.88 -41.85	61.53 0.62 -37.99	41.90 0.73 -13.09	38.69 0.44 -13.99	37.79 0.46 -13.02	37.44 0.44 -12.59	39.83 0.49 -16.24	45.33 0.63 -21.24	53.78 0.77 -28.95	72.00 0.96 -44.45	63.94 0.85 -40.04	58.73 0.85 -34.81	57.09 0.62 -38.79	53.35 0.48 -39.45	50.37 0.25 -42.31	45.81 0.37 -32.14

INDECK___ILION 23567	25.96 0.67 -0.49	25.01 0.65 -0.38	22.15 0.57 -0.42	21.16 0.53 -0.43	24.13 0.60 -0.36	26.06 0.67 -0.39	30.25 0.86 -0.82	30.56 0.83 -1.04	26.80 0.71 -0.83	24.31 0.64 -0.75	29.12 0.79 -0.26	25.17 0.63 -0.28	25.20 0.63 -0.26	25.30 0.63 -0.25	24.00 0.58 -0.32	24.47 0.59 -0.42	25.28 0.65 -0.57	28.17 0.69 -0.88	24.42 0.58 -0.79	24.31 0.55 -0.69	18.87 0.42 -0.77	14.49 0.30 -0.78	8.82 0.18 -0.84	14.22 0.29 -0.64
INDECK___OLEAN 23982	28.35 -1.39 -4.94	26.69 -1.13 -3.84	24.23 -1.10 -4.16	23.47 -1.03 -4.29	25.41 -1.34 -3.58	27.54 -1.35 -3.90	35.00 -1.71 -8.14	36.31 -1.95 -9.58	31.07 -1.79 -7.60	28.77 -1.70 -7.55	28.58 -1.91 -2.41	25.42 -1.63 -2.78	25.32 -1.58 -2.59	25.23 -1.68 -2.50	24.64 -1.69 -3.23	25.54 -1.78 -3.86	27.63 -1.68 -5.26	33.04 -1.57 -8.01	28.81 -1.45 -7.21	28.27 -1.66 -6.87	24.08 -1.26 -7.65	20.34 -0.86 -7.78	15.73 -0.42 -8.35	19.03 -0.61 -6.34
INDECK___OSWEGO 23783	27.40 -0.47 -3.08	25.94 -0.43 -2.39	23.36 -0.40 -2.60	22.50 -0.38 -2.68	24.94 -0.46 -2.23	26.90 -0.53 -2.43	33.11 -0.54 -5.07	34.71 -0.52 -6.54	29.98 -0.48 -5.19	27.17 -0.46 -4.71	29.14 -0.56 -1.62	25.49 -0.51 -1.73	25.41 -0.51 -1.61	25.46 -0.51 -1.56	24.63 -0.49 -2.01	25.63 -0.47 -2.63	27.22 -0.43 -3.59	31.64 -0.43 -5.47	27.65 -0.32 -4.92	27.07 -0.28 -4.28	22.26 -0.19 -4.77	18.11 -0.16 -4.85	12.92 -0.09 -5.20	17.10 -0.15 -3.95
INDECK___YERKES 23781	28.23 -1.12 -4.55	26.62 -0.89 -3.54	24.09 -0.91 -3.83	23.31 -0.85 -3.95	25.33 -1.13 -3.30	27.41 -1.17 -3.59	34.47 -1.60 -7.49	35.24 -1.98 -8.54	30.37 -1.67 -6.77	28.43 -1.44 -6.96	28.50 -1.74 -2.16	25.42 -1.41 -2.56	25.38 -1.31 -2.38	25.38 -1.34 -2.30	24.71 -1.36 -2.97	25.47 -1.43 -3.44	27.21 -1.54 -4.69	32.13 -1.60 -7.13	28.25 -1.22 -6.42	28.05 -1.34 -6.32	23.72 -1.01 -7.05	19.91 -0.67 -7.17	15.18 -0.30 -7.67	18.77 -0.36 -5.83
INDIAN POINT_GT_1 24139	45.36 1.21 -19.35	40.24 1.22 -15.04	38.55 1.08 -16.31	38.07 1.05 -16.82	38.35 1.16 -14.02	41.57 1.30 -15.27	61.91 1.46 -31.87	71.10 1.66 -40.76	58.96 1.36 -32.33	53.50 1.24 -29.35	39.87 1.68 -10.11	36.60 1.53 -10.81	35.89 1.53 -10.05	35.60 1.47 -9.72	37.01 1.36 -12.55	41.25 1.38 -16.40	47.86 1.44 -22.36	62.62 1.68 -34.34	55.37 1.38 -30.94	51.26 1.29 -26.90	48.57 0.92 -29.97	44.61 0.71 -30.48	40.91 0.41 -32.69	38.88 0.74 -24.83
INDIAN POINT_GT_2 23659	45.36 1.21 -19.35	40.24 1.22 -15.04	38.55 1.08 -16.31	38.07 1.05 -16.82	38.35 1.16 -14.02	41.57 1.30 -15.27	61.91 1.46 -31.87	71.10 1.66 -40.76	58.96 1.36 -32.33	53.50 1.24 -29.35	39.87 1.68 -10.11	36.60 1.53 -10.81	35.89 1.53 -10.05	35.60 1.47 -9.72	37.01 1.36 -12.55	41.25 1.38 -16.40	47.86 1.44 -22.36	62.62 1.68 -34.34	55.37 1.38 -30.94	51.26 1.29 -26.90	48.57 0.92 -29.97	44.61 0.71 -30.48	40.91 0.41 -32.69	38.88 0.74 -24.83
INDIAN POINT_GT_3 24019	45.36 1.21 -19.35	40.24 1.22 -15.04	38.55 1.08 -16.31	38.07 1.05 -16.82	38.35 1.16 -14.02	41.57 1.30 -15.27	61.91 1.46 -31.87	71.10 1.66 -40.76	58.96 1.36 -32.33	53.50 1.24 -29.35	39.87 1.68 -10.11	36.60 1.53 -10.81	35.89 1.53 -10.05	35.60 1.47 -9.72	37.01 1.36 -12.55	41.25 1.38 -16.40	47.86 1.44 -22.36	62.62 1.68 -34.34	55.37 1.38 -30.94	51.26 1.29 -26.90	48.57 0.92 -29.97	44.61 0.71 -30.48	40.91 0.41 -32.69	38.88 0.74 -24.83
INDIAN POINT___2 23530	45.05 1.17 -19.09	39.99 1.17 -14.84	38.29 1.04 -16.09	37.80 1.01 -16.59	38.11 1.11 -13.83	41.31 1.25 -15.06	61.42 1.40 -31.44	70.49 1.58 -40.23	58.46 1.29 -31.91	53.05 1.17 -28.96	39.66 1.60 -9.98	36.44 1.50 -10.67	35.72 1.48 -9.92	35.43 1.42 -9.59	36.80 1.32 -12.38	40.96 1.31 -16.19	47.52 1.39 -22.07	62.04 1.57 -33.88	54.88 1.31 -30.52	50.82 1.22 -26.53	48.11 0.87 -29.56	44.17 0.68 -30.06	40.46 0.41 -32.25	38.51 0.72 -24.50
INDIAN POINT___3 23531	45.32 1.17 -19.36	40.20 1.17 -15.05	38.52 1.04 -16.32	38.04 1.01 -16.83	38.34 1.14 -14.03	41.52 1.25 -15.28	61.90 1.43 -31.89	71.04 1.58 -40.78	58.93 1.31 -32.35	53.48 1.19 -29.36	39.82 1.63 -10.12	36.58 1.50 -10.81	35.85 1.48 -10.06	35.58 1.44 -9.73	36.97 1.32 -12.55	41.21 1.34 -16.41	47.83 1.40 -22.37	62.58 1.62 -34.36	55.34 1.34 -30.95	51.22 1.25 -26.91	48.55 0.88 -29.99	44.60 0.68 -30.49	40.92 0.41 -32.71	38.86 0.72 -24.85
INGHAM_C_115KV_TB7 356103	26.63 1.34 -0.49	25.63 1.27 -0.38	22.70 1.12 -0.42	21.69 1.05 -0.43	24.76 1.23 -0.36	26.74 1.35 -0.39	31.02 1.63 -0.82	31.33 1.61 -1.04	27.49 1.39 -0.83	24.91 1.24 -0.75	29.88 1.54 -0.26	25.83 1.29 -0.28	25.83 1.26 -0.26	25.94 1.27 -0.25	24.60 1.18 -0.32	25.08 1.20 -0.42	25.91 1.28 -0.57	28.81 1.33 -0.88	24.97 1.13 -0.79	24.84 1.08 -0.69	19.26 0.81 -0.77	14.78 0.58 -0.78	8.99 0.35 -0.84	14.52 0.59 -0.64
IP CORINTH___1 23988	50.73 0.89 -25.04	44.23 0.79 -19.47	42.97 0.70 -21.11	42.62 0.65 -21.77	42.08 0.76 -18.15	45.68 0.92 -19.76	71.09 1.26 -41.25	82.64 1.20 -52.75	68.14 1.04 -41.84	61.66 0.76 -37.98	42.06 0.90 -13.09	38.83 0.58 -13.99	37.93 0.61 -13.01	37.59 0.59 -12.58	39.94 0.60 -16.24	45.47 0.77 -21.23	53.91 0.91 -28.94	72.16 1.12 -44.45	64.06 0.97 -40.04	58.87 0.99 -34.81	57.20 0.73 -38.79	53.43 0.56 -39.45	50.41 0.29 -42.31	45.89 0.45 -32.14
IP___TICONDEROGA 23804	51.86 2.06 -25.01	45.29 1.87 -19.44	43.87 1.63 -21.08	43.46 1.52 -21.74	43.08 1.78 -18.12	46.81 2.07 -19.74	72.55 2.77 -41.19	84.03 2.67 -52.68	69.33 2.27 -41.78	62.55 1.70 -37.93	43.17 2.02 -13.07	39.67 1.43 -13.97	38.74 1.43 -13.00	38.40 1.42 -12.57	40.79 1.48 -16.22	46.42 1.76 -21.20	54.98 2.02 -28.90	73.41 2.42 -44.39	65.16 2.12 -39.99	60.02 2.19 -34.77	58.08 1.66 -38.74	54.02 1.21 -39.39	50.70 0.64 -42.26	46.38 0.98 -32.10
ISLIP_RES_REC 323679	53.21 2.87 -25.54	46.91 2.85 -20.09	44.26 2.48 -20.62	43.37 2.40 -20.76	41.14 2.71 -15.25	49.57 3.00 -21.58	74.50 3.49 -42.43	88.63 3.67 -56.28	61.11 3.16 -32.69	55.03 2.45 -29.66	41.50 3.20 -10.22	37.90 2.72 -10.92	37.49 2.92 -10.26	37.10 2.81 -9.87	38.49 2.66 -12.73	44.04 2.84 -17.74	61.71 3.08 -34.57	75.43 3.48 -45.35	65.57 3.00 -39.52	62.75 2.91 -36.78	61.37 2.12 -41.56	59.19 1.61 -44.17	41.81 0.96 -33.04	39.90 1.52 -25.09
JAMAICA__27_KV_LOAD 355505	45.75 1.41 -19.54	40.55 1.39 -15.19	38.86 1.23 -16.47	38.36 1.17 -16.98	38.68 1.34 -14.16	41.92 1.50 -15.42	62.51 1.74 -32.19	71.82 1.98 -41.16	59.56 1.64 -32.65	54.09 1.54 -29.64	40.23 1.94 -10.21	36.97 1.80 -10.92	36.26 1.80 -10.15	35.97 1.73 -9.82	37.36 1.59 -12.67	41.62 1.60 -16.57	48.33 1.68 -22.58	63.22 1.94 -34.68	55.91 1.61 -31.24	51.75 1.52 -27.16	48.98 1.03 -30.27	45.00 0.81 -30.78	41.33 0.51 -33.02	39.28 0.90 -25.08
JANIS___SOLAR 323808	32.52 1.17 -6.56	30.20 1.13 -5.10	27.67 0.97 -5.53	26.80 0.89 -5.70	28.94 1.02 -4.75	31.40 1.22 -5.18	41.16 1.77 -10.81	44.32 1.86 -13.77	37.61 1.41 -10.92	34.04 1.12 -10.00	32.82 1.32 -3.42	28.87 0.92 -3.68	28.61 0.87 -3.42	28.56 0.83 -3.31	28.18 0.81 -4.27	29.97 0.96 -5.54	32.87 1.25 -7.56	39.67 1.52 -11.55	34.79 1.34 -10.41	33.45 1.27 -9.12	28.78 0.94 -10.16	24.38 0.63 -10.33	19.24 0.35 -11.09	22.30 0.58 -8.42

JARVIS____ 23743	25.41 0.12 -0.49	24.50 0.14 -0.38	21.69 0.11 -0.42	20.74 0.10 -0.43	23.65 0.12 -0.36	25.54 0.15 -0.39	29.60 0.20 -0.82	29.75 0.17 -0.90	26.13 0.15 -0.71	23.68 0.12 -0.65	28.47 0.17 -0.22	24.62 0.12 -0.24	24.65 0.12 -0.22	24.75 0.12 -0.21	23.47 0.09 -0.28	23.92 0.09 -0.36	24.67 0.12 -0.49	27.61 0.13 -0.88	23.96 0.12 -0.79	23.85 0.09 -0.69	18.52 0.07 -0.77	14.24 0.04 -0.78	8.67 0.03 -0.84	13.99 0.05 -0.64
JENNISON____1 23625	34.02 1.36 -7.86	31.41 1.32 -6.11	28.94 1.14 -6.63	28.07 1.03 -6.83	30.08 1.20 -5.70	32.63 1.42 -6.21	43.53 2.00 -12.95	47.20 2.07 -16.45	39.93 1.62 -13.05	36.15 1.31 -11.93	33.82 1.66 -4.09	29.82 1.16 -4.39	29.49 1.09 -4.09	29.44 1.07 -3.95	29.24 1.04 -5.10	31.28 1.20 -6.62	34.55 1.47 -9.03	42.16 1.70 -13.86	36.99 1.45 -12.49	35.38 1.38 -10.93	30.87 1.01 -12.18	26.48 0.67 -12.39	21.48 0.39 -13.29	24.07 0.68 -10.09
JENNISON____2 23626	34.02 1.36 -7.86	31.41 1.32 -6.11	28.94 1.14 -6.63	28.07 1.03 -6.83	30.08 1.20 -5.70	32.63 1.42 -6.21	43.53 2.00 -12.95	47.20 2.07 -16.45	39.93 1.62 -13.05	36.15 1.31 -11.93	33.82 1.66 -4.09	29.82 1.16 -4.39	29.49 1.09 -4.09	29.44 1.07 -3.95	29.24 1.04 -5.10	31.28 1.20 -6.62	34.55 1.47 -9.03	42.16 1.70 -13.86	36.99 1.45 -12.49	35.38 1.38 -10.93	30.87 1.01 -12.18	26.48 0.67 -12.39	21.48 0.39 -13.29	24.07 0.68 -10.09
JERICHO_RISE_WT_PWR 323719	24.02 -0.77 0.00	23.04 -0.94 0.00	20.38 -0.78 0.00	19.52 -0.69 0.00	22.50 -0.67 0.00	24.30 -0.70 0.00	27.81 -0.77 0.00	27.74 -0.95 0.00	24.51 -0.76 0.00	22.35 -0.57 0.00	27.21 -0.87 0.00	23.46 -0.80 0.00	23.41 -0.90 0.00	23.71 -0.71 0.00	22.54 -0.55 0.00	22.90 -0.56 0.00	23.31 -0.75 0.00	25.46 -1.14 0.00	21.80 -1.25 0.00	-9.30 -1.25 31.12	16.76 -0.92 0.00	12.72 -0.70 0.00	-0.43 -0.44 7.80	-8.56 -0.80 21.06
KATONAH____115KV_46KV_TB4 355592	46.06 1.46 -19.80	40.83 1.46 -15.39	39.13 1.27 -16.69	38.67 1.25 -17.21	38.87 1.34 -14.35	42.15 1.52 -15.63	62.97 1.77 -32.62	72.43 2.04 -41.72	60.05 1.69 -33.09	54.49 1.54 -30.03	40.36 1.94 -10.35	37.02 1.70 -11.06	36.25 1.65 -10.29	35.95 1.59 -9.95	37.44 1.50 -12.84	41.82 1.57 -16.79	48.63 1.68 -22.88	63.72 1.97 -35.15	56.35 1.64 -31.66	52.14 1.55 -27.53	49.47 1.11 -30.67	45.47 0.86 -31.19	41.74 0.48 -33.46	39.55 0.84 -25.42
KCE_NY_1 323755	51.18 1.41 -24.98	44.73 1.34 -19.41	43.40 1.18 -21.05	43.02 1.11 -21.71	42.54 1.27 -18.10	46.15 1.45 -19.71	71.49 1.77 -41.14	83.03 1.72 -52.63	68.50 1.49 -41.74	62.05 1.24 -37.89	42.62 1.49 -13.06	39.38 1.16 -13.96	38.48 1.19 -12.98	38.14 1.17 -12.55	40.45 1.15 -16.20	45.93 1.29 -21.18	54.32 1.39 -28.87	72.52 1.60 -44.33	64.39 1.41 -39.93	59.19 1.41 -34.72	57.41 1.04 -38.68	53.54 0.78 -39.34	50.44 0.44 -42.20	46.07 0.72 -32.05
KCE_NY_6_ESR 323823	28.43 -1.07 -4.70	26.79 -0.84 -3.65	24.26 -0.87 -3.96	23.50 -0.79 -4.08	25.49 -1.09 -3.41	27.60 -1.10 -3.71	34.83 -1.49 -7.74	35.73 -1.84 -8.89	30.75 -1.57 -7.05	28.73 -1.37 -7.18	28.70 -1.63 -2.25	25.55 -1.36 -2.65	25.48 -1.29 -2.46	25.48 -1.32 -2.38	24.83 -1.34 -3.07	25.66 -1.38 -3.58	27.47 -1.47 -4.88	32.53 -1.49 -7.42	28.56 -1.17 -6.69	28.29 -1.31 -6.53	23.99 -0.97 -7.28	20.16 -0.66 -7.40	15.45 -0.29 -7.94	18.97 -0.36 -6.03
KEDC_PORT_JEFF_GT2 24210	53.08 2.73 -25.56	46.78 2.71 -20.09	43.82 2.35 -20.31	43.17 2.26 -20.70	40.90 2.55 -15.17	48.94 2.82 -21.12	74.31 3.26 -42.47	88.45 3.44 -56.33	60.94 2.98 -32.69	54.87 2.29 -29.66	41.30 3.01 -10.22	37.76 2.57 -10.92	37.31 2.75 -10.26	36.95 2.66 -9.87	38.35 2.52 -12.73	43.88 2.67 -17.74	61.51 2.89 -34.57	75.19 3.24 -45.35	65.36 2.79 -39.52	62.54 2.70 -36.78	61.23 1.98 -41.56	59.09 1.50 -44.17	41.75 0.90 -33.04	39.82 1.44 -25.09
KEDC_PORT_JEFF_GT3 24211	53.08 2.73 -25.56	46.78 2.71 -20.09	43.82 2.35 -20.31	43.17 2.26 -20.70	40.90 2.55 -15.17	48.94 2.82 -21.12	74.31 3.26 -42.47	88.45 3.44 -56.33	60.94 2.98 -32.69	54.87 2.29 -29.66	41.30 3.01 -10.22	37.76 2.57 -10.92	37.31 2.75 -10.26	36.95 2.66 -9.87	38.35 2.52 -12.73	43.88 2.67 -17.74	61.51 2.89 -34.57	75.19 3.24 -45.35	65.36 2.79 -39.52	62.54 2.70 -36.78	61.23 1.98 -41.56	59.09 1.50 -44.17	41.75 0.90 -33.04	39.82 1.44 -25.09
KEDC_GLWD_GT4 24219	49.78 1.73 -23.25	44.40 1.75 -18.68	55.70 1.54 -32.99	43.99 1.50 -22.29	43.36 1.69 -18.50	66.85 1.88 -39.98	69.10 2.00 -38.52	81.37 2.18 -50.51	59.82 1.87 -32.68	54.23 1.65 -29.66	40.60 2.30 -10.22	37.23 2.04 -10.92	37.04 2.14 -10.59	36.53 2.07 -10.04	37.91 1.89 -12.92	43.14 1.92 -17.75	60.55 1.93 -34.57	74.11 2.15 -45.36	64.40 1.82 -39.53	61.58 1.73 -36.79	60.48 1.24 -41.56	58.55 0.97 -44.17	41.45 0.60 -33.04	39.39 1.01 -25.09
KEDC_GLWD_GT5 24220	49.78 1.73 -23.25	44.40 1.75 -18.68	55.70 1.54 -32.99	43.99 1.50 -22.29	43.36 1.69 -18.50	66.85 1.88 -39.98	69.10 2.00 -38.52	81.37 2.18 -50.51	59.82 1.87 -32.68	54.23 1.65 -29.66	40.60 2.30 -10.22	37.23 2.04 -10.92	37.04 2.14 -10.59	36.53 2.07 -10.04	37.91 1.89 -12.92	43.14 1.92 -17.75	60.55 1.93 -34.57	74.11 2.15 -45.36	64.40 1.82 -39.53	61.58 1.73 -36.79	60.48 1.24 -41.56	58.55 0.97 -44.17	41.45 0.60 -33.04	39.39 1.01 -25.09
KENSICO____ 23655	45.61 1.31 -19.51	40.43 1.29 -15.16	38.75 1.14 -16.44	38.27 1.11 -16.95	38.56 1.25 -14.13	41.79 1.40 -15.39	62.31 1.60 -32.13	71.55 1.78 -41.09	59.35 1.49 -32.59	53.85 1.35 -29.58	40.09 1.82 -10.19	36.83 1.67 -10.90	36.10 1.65 -10.13	35.80 1.59 -9.80	37.22 1.48 -12.65	41.50 1.50 -16.53	48.16 1.56 -22.54	63.00 1.78 -34.62	55.73 1.50 -31.18	51.59 1.41 -27.11	48.88 0.99 -30.21	44.92 0.78 -30.72	41.21 0.45 -32.96	39.13 0.80 -25.03
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	44.81 1.34 -18.68	39.81 1.32 -14.52	38.07 1.16 -15.75	37.53 1.09 -16.24	37.96 1.25 -13.54	41.09 1.35 -14.74	60.89 1.54 -30.77	69.81 1.78 -39.35	57.87 1.39 -31.21	52.40 1.15 -28.33	39.33 1.49 -9.76	36.01 1.31 -10.44	35.28 1.26 -9.71	35.02 1.22 -9.39	36.34 1.13 -12.11	40.54 1.24 -15.84	47.07 1.42 -21.59	61.43 1.68 -33.16	54.30 1.38 -29.87	50.33 1.29 -25.97	47.57 0.95 -28.93	43.58 0.74 -29.43	39.78 0.41 -31.57	37.99 0.72 -23.98
KIAC_JFK_GT1 23816	45.67 1.34 -19.54	40.48 1.32 -15.19	38.80 1.16 -16.47	38.32 1.13 -16.98	38.61 1.27 -14.16	41.84 1.42 -15.42	62.42 1.66 -32.19	71.74 1.89 -41.16	59.48 1.57 -32.65	54.00 1.44 -29.64	40.14 1.85 -10.21	36.90 1.72 -10.92	36.16 1.70 -10.15	35.90 1.66 -9.82	37.29 1.52 -12.67	41.55 1.53 -16.57	48.23 1.59 -22.58	63.12 1.84 -34.68	55.81 1.52 -31.24	51.66 1.43 -27.16	48.92 0.97 -30.27	44.96 0.76 -30.78	41.31 0.48 -33.02	39.24 0.86 -25.08
KIAC_JFK_GT2 23817	45.67 1.34 -19.54	40.48 1.32 -15.19	38.80 1.16 -16.47	38.32 1.13 -16.98	38.61 1.27 -14.16	41.84 1.42 -15.42	62.42 1.66 -32.19	71.74 1.89 -41.16	59.48 1.57 -32.65	54.00 1.44 -29.64	40.14 1.85 -10.21	36.90 1.72 -10.92	36.16 1.70 -10.15	35.90 1.66 -9.82	37.29 1.52 -12.67	41.55 1.53 -16.57	48.23 1.59 -22.58	63.12 1.84 -34.68	55.81 1.52 -31.24	51.66 1.43 -27.16	48.92 0.97 -30.27	44.96 0.76 -30.78	41.31 0.48 -33.02	39.24 0.86 -25.08

KIAC_JFK____ 323774	45.67 1.34 -19.54	40.48 1.32 -15.19	38.80 1.16 -16.47	38.32 1.13 -16.98	38.60 1.27 -14.16	41.84 1.42 -15.42	62.42 1.66 -32.19	71.76 1.89 -41.19	59.47 1.54 -32.66	54.02 1.44 -29.65	40.15 1.85 -10.22	36.91 1.72 -10.92	36.17 1.70 -10.16	35.90 1.66 -9.82	37.30 1.52 -12.68	41.56 1.52 -16.57	48.24 1.59 -22.59	63.06 1.78 -34.68	55.81 1.52 -31.24	51.66 1.43 -27.16	48.92 0.97 -30.27	44.96 0.76 -30.78	41.31 0.48 -33.02	39.24 0.86 -25.08
KINTIGH____ 23543	28.06 -0.99 -4.26	26.47 -0.82 -3.31	23.93 -0.83 -3.59	23.14 -0.77 -3.70	25.24 -1.02 -3.08	27.31 -1.05 -3.36	34.19 -1.40 -7.01	36.42 -1.69 -9.43	31.28 -1.47 -7.48	28.12 -1.26 -6.46	28.91 -1.49 -2.32	25.38 -1.26 -2.38	25.33 -1.19 -2.21	25.34 -1.22 -2.14	24.66 -1.20 -2.76	26.04 -1.22 -3.80	27.89 -1.35 -5.17	33.16 -1.38 -7.95	29.15 -1.06 -7.16	27.85 -1.13 -5.92	23.45 -0.83 -6.59	19.57 -0.55 -6.71	14.76 -0.23 -7.19	18.45 -0.31 -5.46
KNTFSRNC_46_KV_46KV_LOAD 80397	24.32 -0.47 0.00	23.28 -0.70 0.00	20.59 -0.57 0.00	19.70 -0.51 0.00	22.78 -0.39 0.00	24.60 -0.40 0.00	28.21 -0.37 0.00	28.16 -0.52 0.00	24.91 -0.35 0.00	22.69 -0.23 0.00	27.57 -0.51 0.00	23.75 -0.51 0.00	23.73 -0.58 0.00	24.00 -0.42 0.00	22.84 -0.25 0.00	23.20 -0.26 0.00	23.67 -0.38 0.00	25.88 -0.72 0.00	22.17 -0.88 0.00	-7.67 -0.51 30.23	17.10 -0.58 0.00	12.96 -0.46 0.00	0.00 -0.23 7.58	-7.58 -0.43 20.46
LACHUTE____HYDRO 323717	51.86 2.06 -25.01	45.29 1.87 -19.44	43.87 1.63 -21.08	43.46 1.52 -21.74	43.08 1.78 -18.12	46.81 2.07 -19.74	72.55 2.77 -41.19	84.05 2.67 -52.70	69.34 2.28 -41.80	62.56 1.70 -37.94	43.17 2.02 -13.08	39.67 1.43 -13.97	38.74 1.43 -13.00	38.40 1.42 -12.57	40.80 1.48 -16.22	46.43 1.76 -21.21	54.99 2.02 -28.91	73.41 2.42 -44.39	65.16 2.12 -39.99	60.02 2.19 -34.77	58.08 1.66 -38.74	54.02 1.21 -39.39	50.70 0.64 -42.26	46.38 0.98 -32.10
LAWRNCV_115KV_TB1 80681	25.09 -0.20 -0.50	24.07 -0.29 -0.39	21.35 -0.23 -0.42	20.40 -0.24 -0.43	23.37 -0.16 -0.36	25.14 -0.25 -0.39	28.89 -0.51 -0.82	29.26 -0.49 -1.07	25.86 -0.25 -0.85	23.46 -0.23 -0.77	27.92 -0.42 -0.26	24.25 -0.29 -0.28	24.26 -0.32 -0.26	24.40 -0.27 -0.25	23.22 -0.21 -0.33	23.52 -0.38 -0.43	24.11 -0.53 -0.59	26.82 -0.66 -0.88	23.22 -0.62 -0.80	26.94 -0.62 -4.50	18.07 -0.39 -0.77	14.00 -0.20 -0.78	9.47 -0.13 -1.80	16.16 -0.35 -3.21
LEDERLE____ 23769	44.78 1.17 -18.83	39.78 1.17 -14.63	38.09 1.06 -15.87	37.58 1.01 -16.36	37.95 1.14 -13.64	41.10 1.25 -14.86	60.99 1.40 -31.01	69.91 1.58 -39.66	58.01 1.29 -31.45	52.64 1.17 -28.55	39.52 1.60 -9.84	36.26 1.48 -10.52	35.55 1.46 -9.78	35.29 1.42 -9.46	36.60 1.29 -12.21	40.71 1.29 -15.96	47.21 1.40 -21.75	61.66 1.65 -33.41	54.49 1.34 -30.10	50.48 1.25 -26.17	47.73 0.88 -29.16	43.76 0.68 -29.65	40.02 0.41 -31.81	38.18 0.72 -24.16
LIGHTHSE_115KV_TB6 355974	27.25 -0.37 -2.83	25.82 -0.36 -2.20	23.21 -0.34 -2.39	22.32 -0.34 -2.46	24.83 -0.39 -2.05	26.83 -0.40 -2.24	32.93 -0.31 -4.67	34.39 -0.26 -5.97	29.70 -0.30 -4.73	26.88 -0.34 -4.30	29.11 -0.45 -1.48	25.36 -0.49 -1.58	25.27 -0.51 -1.47	25.33 -0.51 -1.42	24.47 -0.46 -1.84	25.44 -0.42 -2.40	27.02 -0.31 -3.28	31.39 -0.24 -5.03	27.42 -0.16 -4.53	26.87 -0.14 -3.94	21.98 -0.09 -4.39	17.76 -0.12 -4.46	12.51 -0.09 -4.79	16.79 -0.15 -3.64
LINDEN COGEN____ 23786	45.55 1.21 -19.54	40.39 1.22 -15.19	38.71 1.08 -16.47	38.22 1.03 -16.98	38.51 1.18 -14.16	41.72 1.30 -15.42	62.20 1.43 -32.19	71.53 1.66 -41.19	59.30 1.36 -32.66	53.88 1.31 -29.65	40.15 1.85 -10.22	36.91 1.72 -10.92	36.17 1.70 -10.16	35.88 1.64 -9.82	37.30 1.52 -12.68	41.56 1.52 -16.57	48.19 1.54 -22.59	62.99 1.70 -34.68	55.72 1.43 -31.24	51.57 1.34 -27.16	48.87 0.92 -30.27	44.94 0.74 -30.78	41.26 0.44 -33.02	39.16 0.78 -25.08
LINDHRST_69_KV_BK1 356055	52.46 2.50 -25.16	46.38 2.47 -19.94	49.01 2.18 -25.66	44.03 2.10 -21.72	42.11 2.36 -16.58	56.68 2.60 -29.08	73.40 3.03 -41.79	87.15 3.15 -55.31	60.63 2.70 -32.66	54.67 2.11 -29.64	41.10 2.81 -10.22	37.61 2.43 -10.92	37.30 2.60 -10.39	36.87 2.52 -9.94	38.12 2.33 -12.69	43.64 2.44 -17.74	61.21 2.60 -34.56	74.90 2.95 -45.35	65.09 2.51 -39.53	62.27 2.42 -36.78	61.05 1.80 -41.56	58.97 1.38 -44.17	41.68 0.84 -33.04	39.73 1.34 -25.09
LIPA_MISC_IPP 23656	53.12 2.75 -25.57	46.78 2.71 -20.10	43.66 2.35 -20.15	43.16 2.28 -20.67	40.88 2.57 -15.13	48.73 2.85 -20.88	74.36 3.29 -42.49	88.49 3.47 -56.34	60.89 2.96 -32.66	54.83 2.27 -29.64	41.27 2.98 -10.22	37.70 2.52 -10.92	37.28 2.72 -10.25	36.92 2.64 -9.86	38.20 2.49 -12.61	43.87 2.67 -17.74	61.50 2.89 -34.56	75.27 3.32 -45.35	65.38 2.81 -39.52	62.56 2.72 -36.78	61.23 1.98 -41.56	59.09 1.50 -44.17	41.75 0.91 -33.04	39.82 1.44 -25.09
LISF____SOLAR 323691	53.14 2.78 -25.57	46.83 2.76 -20.10	43.76 2.39 -20.20	43.21 2.32 -20.68	40.94 2.62 -15.15	48.86 2.90 -20.97	74.41 3.34 -42.49	88.56 3.53 -56.35	60.96 3.01 -32.69	54.89 2.31 -29.66	41.33 3.03 -10.22	37.76 2.57 -10.92	37.31 2.75 -10.25	36.95 2.66 -9.87	38.34 2.52 -12.73	43.93 2.72 -17.74	61.59 2.96 -34.57	75.30 3.35 -45.35	65.45 2.88 -39.52	62.61 2.77 -36.78	61.28 2.03 -41.56	59.13 1.54 -44.17	41.77 0.92 -33.04	39.85 1.46 -25.09
LITTLE FALLS____HYD 24013	26.63 1.34 -0.49	25.63 1.27 -0.38	22.70 1.12 -0.42	21.69 1.05 -0.43	24.76 1.23 -0.36	26.74 1.35 -0.39	31.02 1.63 -0.82	31.33 1.61 -1.04	27.49 1.39 -0.83	24.91 1.24 -0.75	29.88 1.54 -0.26	25.83 1.29 -0.28	25.83 1.26 -0.26	25.94 1.27 -0.25	24.60 1.18 -0.32	25.08 1.20 -0.42	25.91 1.28 -0.57	28.81 1.33 -0.88	24.97 1.13 -0.79	24.84 1.08 -0.69	19.26 0.81 -0.77	14.78 0.58 -0.78	8.99 0.35 -0.84	14.52 0.59 -0.64
LITTLRIV_115KV_TB1 356100	25.45 0.12 -0.53	24.39 0.00 -0.41	21.63 0.02 -0.45	20.65 -0.02 -0.46	23.67 0.12 -0.38	25.49 0.07 -0.42	29.34 -0.11 -0.87	29.75 -0.09 -1.16	26.26 0.08 -0.92	23.78 0.02 -0.83	28.28 -0.08 -0.29	24.50 -0.07 -0.31	24.47 -0.12 -0.29	24.62 -0.07 -0.28	23.45 0.00 -0.36	23.79 -0.14 -0.47	24.43 -0.26 -0.63	27.19 -0.35 -0.94	23.53 -0.37 -0.85	27.77 -0.37 -5.07	18.34 -0.16 -0.82	14.20 -0.05 -0.83	9.74 -0.05 -1.98	16.70 -0.21 -3.61
LI_NEWBRDGE____DRP 323616	52.44 1.86 -25.79	46.03 1.87 -20.18	40.02 1.67 -17.19	41.94 1.62 -20.12	39.36 1.83 -14.35	43.50 2.02 -16.48	73.69 2.26 -42.86	87.97 2.41 -56.88	60.03 2.10 -32.66	54.22 1.65 -29.64	40.54 2.25 -10.22	37.15 1.97 -10.92	36.64 2.16 -10.17	36.34 2.10 -9.82	37.55 1.89 -12.56	43.10 1.90 -17.73	60.59 1.97 -34.56	74.21 2.26 -45.35	64.46 1.89 -39.52	61.64 1.80 -36.77	60.55 1.31 -41.56	58.60 1.02 -44.17	41.48 0.63 -33.04	39.42 1.04 -25.09
LOCKPORT_115KV_TB60_63_64 80432	28.03 -1.21 -4.45	26.43 -1.01 -3.46	23.90 -1.02 -3.75	23.14 -0.93 -3.87	25.15 -1.25 -3.22	27.23 -1.27 -3.51	34.22 -1.69 -7.33	35.06 -2.04 -8.42	30.18 -1.77 -6.68	28.13 -1.54 -6.75	28.38 -1.82 -2.13	25.22 -1.53 -2.49	25.19 -1.43 -2.31	25.14 -1.51 -2.24	24.50 -1.48 -2.89	25.33 -1.53 -3.39	27.04 -1.64 -4.62	32.01 -1.68 -7.09	28.12 -1.31 -6.39	27.82 -1.43 -6.19	23.53 -1.04 -6.89	19.72 -0.71 -7.01	15.00 -0.32 -7.52	18.58 -0.43 -5.71

LOCKPORT___CC1 323769	28.05 -1.21 -4.47	26.44 -1.01 -3.47	23.92 -1.02 -3.77	23.16 -0.93 -3.88	25.16 -1.25 -3.24	27.25 -1.27 -3.53	34.23 -1.71 -7.36	35.05 -2.12 -8.49	30.21 -1.79 -6.73	28.20 -1.56 -6.84	28.34 -1.88 -2.15	25.23 -1.55 -2.52	25.19 -1.46 -2.34	25.19 -1.49 -2.26	24.54 -1.48 -2.92	25.36 -1.52 -3.42	27.06 -1.66 -4.66	31.96 -1.73 -7.08	28.09 -1.34 -6.38	27.85 -1.43 -6.21	23.55 -1.06 -6.92	19.73 -0.72 -7.04	15.03 -0.32 -7.55	18.63 -0.40 -5.74
LOCKPORT___CC2 323770	28.05 -1.21 -4.47	26.44 -1.01 -3.47	23.92 -1.02 -3.77	23.16 -0.93 -3.88	25.16 -1.25 -3.24	27.25 -1.27 -3.53	34.23 -1.71 -7.36	35.05 -2.12 -8.49	30.21 -1.79 -6.73	28.20 -1.56 -6.84	28.34 -1.88 -2.15	25.23 -1.55 -2.52	25.19 -1.46 -2.34	25.19 -1.49 -2.26	24.54 -1.48 -2.92	25.36 -1.52 -3.42	27.06 -1.66 -4.66	31.96 -1.73 -7.08	28.09 -1.34 -6.38	27.85 -1.43 -6.21	23.55 -1.06 -6.92	19.73 -0.72 -7.04	15.03 -0.32 -7.55	18.63 -0.40 -5.74
LOCKPORT___CC3 323771	28.05 -1.21 -4.47	26.44 -1.01 -3.47	23.92 -1.02 -3.77	23.16 -0.93 -3.88	25.16 -1.25 -3.24	27.25 -1.27 -3.53	34.23 -1.71 -7.36	35.05 -2.12 -8.49	30.21 -1.79 -6.73	28.20 -1.56 -6.84	28.34 -1.88 -2.15	25.23 -1.55 -2.52	25.19 -1.46 -2.34	25.19 -1.49 -2.26	24.54 -1.48 -2.92	25.36 -1.52 -3.42	27.06 -1.66 -4.66	31.96 -1.73 -7.08	28.09 -1.34 -6.38	27.85 -1.43 -6.21	23.55 -1.06 -6.92	19.73 -0.72 -7.04	15.03 -0.32 -7.55	18.63 -0.40 -5.74
LONG_LAKE_PHOENIX 24014	27.60 -0.37 -3.18	26.11 -0.34 -2.47	23.53 -0.32 -2.68	22.67 -0.30 -2.76	25.11 -0.37 -2.30	27.08 -0.42 -2.51	33.39 -0.43 -5.24	35.01 -0.37 -6.70	30.23 -0.35 -5.31	27.40 -0.34 -4.82	29.34 -0.39 -1.66	25.65 -0.39 -1.78	25.60 -0.36 -1.65	25.62 -0.39 -1.60	24.79 -0.37 -2.06	25.83 -0.33 -2.70	27.45 -0.29 -3.68	31.98 -0.27 -5.64	27.95 -0.18 -5.08	27.35 -0.14 -4.42	22.52 -0.09 -4.93	18.35 -0.08 -5.01	13.12 -0.05 -5.37	17.30 -0.08 -4.08
LOVETT___3 23632	44.73 1.04 -18.90	39.72 1.05 -14.69	38.04 0.95 -15.93	37.54 0.91 -16.42	37.88 1.02 -13.69	41.03 1.12 -14.91	60.96 1.26 -31.12	69.92 1.43 -39.80	58.00 1.16 -31.57	52.61 1.03 -28.66	39.41 1.46 -9.88	36.20 1.38 -10.55	35.51 1.39 -9.82	35.23 1.32 -9.49	36.55 1.20 -12.25	40.68 1.20 -16.02	47.14 1.25 -21.83	61.62 1.49 -33.54	54.46 1.20 -30.21	50.44 1.11 -26.27	47.73 0.78 -29.26	43.80 0.62 -29.76	40.10 0.37 -31.93	38.20 0.65 -24.25
LOVETT___4 23642	44.73 1.04 -18.90	39.72 1.05 -14.69	38.04 0.95 -15.93	37.54 0.91 -16.42	37.88 1.02 -13.69	41.03 1.12 -14.91	60.96 1.26 -31.12	69.92 1.43 -39.80	58.00 1.16 -31.57	52.61 1.03 -28.66	39.41 1.46 -9.88	36.20 1.38 -10.55	35.51 1.39 -9.82	35.23 1.32 -9.49	36.55 1.20 -12.25	40.68 1.20 -16.02	47.14 1.25 -21.83	61.62 1.49 -33.54	54.46 1.20 -30.21	50.44 1.11 -26.27	47.73 0.78 -29.26	43.80 0.62 -29.76	40.10 0.37 -31.93	38.20 0.65 -24.25
LOVETT___5 23593	44.73 1.04 -18.90	39.72 1.05 -14.69	38.04 0.95 -15.93	37.54 0.91 -16.42	37.88 1.02 -13.69	41.03 1.12 -14.91	60.96 1.26 -31.12	69.92 1.43 -39.80	58.00 1.16 -31.57	52.61 1.03 -28.66	39.41 1.46 -9.88	36.20 1.38 -10.55	35.51 1.39 -9.82	35.23 1.32 -9.49	36.55 1.20 -12.25	40.68 1.20 -16.02	47.14 1.25 -21.83	61.62 1.49 -33.54	54.46 1.20 -30.21	50.44 1.11 -26.27	47.73 0.78 -29.26	43.80 0.62 -29.76	40.10 0.37 -31.93	38.20 0.65 -24.25
LOWER RAQUET___HYD 24057	25.10 -0.25 -0.56	24.07 -0.34 -0.44	21.36 -0.28 -0.47	20.41 -0.28 -0.49	23.37 -0.21 -0.41	25.11 -0.33 -0.44	28.93 -0.57 -0.92	29.34 -0.49 -1.14	25.87 -0.30 -0.91	23.44 -0.30 -0.82	27.91 -0.45 -0.28	24.20 -0.36 -0.30	24.20 -0.39 -0.28	24.35 -0.34 -0.27	23.17 -0.28 -0.35	23.45 -0.47 -0.46	24.04 -0.65 -0.63	26.80 -0.80 -0.99	23.18 -0.76 -0.90	27.71 -0.74 -5.39	18.09 -0.46 -0.87	14.06 -0.24 -0.88	9.76 -0.15 -2.10	16.74 -0.40 -3.84
LOWER___HUDSON 24059	50.63 1.26 -24.57	44.29 1.22 -19.10	42.93 1.06 -20.71	42.57 1.01 -21.35	42.13 1.16 -17.80	45.68 1.30 -19.39	70.56 1.51 -40.47	81.92 1.46 -51.77	67.62 1.29 -41.06	61.34 1.15 -37.27	42.30 1.38 -12.85	39.13 1.14 -13.73	38.25 1.17 -12.77	37.94 1.17 -12.35	40.14 1.11 -15.94	45.45 1.15 -20.84	53.66 1.20 -28.40	71.56 1.36 -43.61	63.53 1.20 -39.28	58.37 1.15 -34.15	56.57 0.83 -38.05	52.75 0.63 -38.70	49.69 0.37 -41.51	45.46 0.63 -31.53
LOWVILLE_115KV_TB2 356335	26.39 0.22 -1.38	25.21 0.17 -1.07	22.45 0.13 -1.16	21.46 0.06 -1.20	24.31 0.14 -1.00	26.31 0.22 -1.09	31.33 0.49 -2.27	32.13 0.54 -2.91	27.95 0.38 -2.31	25.24 0.23 -2.09	29.02 0.22 -0.72	25.03 0.00 -0.77	24.95 -0.07 -0.72	25.04 -0.07 -0.69	23.97 -0.02 -0.90	24.68 0.05 -1.17	25.87 0.22 -1.60	29.34 0.29 -2.44	25.53 0.28 -2.20	26.59 0.25 -3.27	19.99 0.18 -2.13	15.66 0.07 -2.17	10.50 0.03 -2.67	15.98 0.00 -2.68
LUTHERFT_115KV_GLOB_FND_222 355753	51.18 1.41 -24.98	44.71 1.32 -19.41	43.38 1.16 -21.05	43.02 1.11 -21.71	42.54 1.27 -18.10	46.13 1.42 -19.71	71.49 1.77 -41.14	82.98 1.69 -52.61	68.46 1.47 -41.73	62.01 1.21 -37.88	42.62 1.49 -13.05	39.38 1.16 -13.95	38.45 1.17 -12.98	38.14 1.17 -12.55	40.42 1.13 -16.19	45.90 1.27 -21.17	54.29 1.37 -28.86	72.52 1.60 -44.33	64.36 1.38 -39.93	59.17 1.38 -34.72	57.39 1.03 -38.68	53.52 0.76 -39.34	50.43 0.43 -39.34	46.07 0.72 -32.05
LUTHERNY_35_KV_BK2 355980	51.18 1.41 -24.98	44.73 1.34 -19.41	43.40 1.19 -21.05	43.02 1.11 -21.71	42.54 1.27 -18.10	46.16 1.45 -19.71	71.49 1.77 -41.14	83.01 1.72 -52.61	68.48 1.49 -41.73	62.04 1.24 -37.88	42.62 1.49 -13.05	39.38 1.16 -13.95	38.48 1.19 -12.98	38.14 1.17 -12.55	40.45 1.15 -16.19	45.92 1.29 -21.17	54.32 1.40 -28.86	72.55 1.62 -44.33	64.39 1.41 -39.93	59.19 1.41 -34.72	57.41 1.04 -38.68	53.54 0.78 -39.34	50.44 0.44 -42.20	46.07 0.72 -32.05
LWR___OSWEGATCHIE_HYD 23850	25.52 -0.30 -1.03	24.41 -0.36 -0.80	21.71 -0.32 -0.86	20.75 -0.34 -0.89	23.61 -0.30 -0.74	25.48 -0.32 -0.81	29.90 -0.37 -1.69	30.54 -0.32 -2.18	26.74 -0.25 -1.73	24.19 -0.30 -1.57	28.17 -0.45 -0.54	24.38 -0.46 -0.58	24.31 -0.53 -0.54	24.45 -0.49 -0.52	23.35 -0.42 -0.67	23.87 -0.47 -0.88	24.77 -0.48 -1.19	27.89 -0.53 -1.82	24.20 -0.48 -1.64	27.15 -0.48 -4.57	18.95 -0.32 -1.59	14.81 -0.23 -1.61	10.18 -0.15 -2.52	16.41 -0.33 -3.44
LYONS_FALL_HYD 23570	26.48 0.40 -1.29	25.31 0.34 -1.00	22.55 0.30 -1.09	21.57 0.24 -1.12	24.43 0.32 -0.93	26.41 0.40 -1.02	31.39 0.68 -2.12	31.88 0.74 -2.45	27.80 0.58 -1.95	25.10 0.41 -1.77	29.16 0.48 -0.61	25.16 0.24 -0.65	25.09 0.17 -0.61	25.17 0.17 -0.59	24.06 0.21 -0.76	24.71 0.26 -0.99	25.84 0.43 -1.35	29.39 0.50 -2.29	25.55 0.44 -2.06	26.18 0.42 -2.70	19.98 0.30 -2.00	15.61 0.16 -2.03	10.30 0.09 -2.41	15.67 0.09 -2.28
MADISON___COUNTY_LFGE 323628	27.63 0.77 -2.07	26.33 0.74 -1.61	23.54 0.63 -1.74	22.57 0.57 -1.80	25.34 0.67 -1.50	27.40 0.77 -1.63	33.10 1.11 -3.41	34.33 1.29 -4.36	29.74 1.01 -3.46	26.86 0.80 -3.14	30.17 1.01 -1.08	26.12 0.70 -1.16	26.04 0.66 -1.08	26.12 0.66 -1.04	25.09 0.65 -1.34	25.94 0.73 -1.75	27.37 0.91 -2.39	31.18 0.90 -3.67	27.17 0.81 -3.31	26.73 0.78 -2.88	21.47 0.58 -3.21	17.05 0.38 -3.26	11.51 0.21 -3.50	16.32 0.37 -2.66

MALONE___115KV_TB1 356076	24.32 -0.47 0.00	23.35 -0.62 0.00	20.66 -0.51 0.00	19.74 -0.46 0.00	22.80 -0.37 0.00	24.60 -0.40 0.00	28.09 -0.49 0.00	28.14 -0.54 0.00	24.89 -0.38 0.00	22.67 -0.25 0.00	27.57 -0.51 0.00	23.80 -0.46 0.00	23.77 -0.53 0.00	24.03 -0.39 0.00	22.84 -0.25 0.00	23.16 -0.31 0.00	23.58 -0.48 0.00	25.83 -0.77 0.00	22.17 -0.88 0.00	42.05 -0.88 -19.86	17.06 -0.62 0.00	12.98 -0.44 0.00	12.48 -0.30 -4.98	26.14 -0.60 -13.44
MAPLEWOD_115KV_TB3 80458	50.44 1.17 -24.49	44.13 1.13 -19.03	42.80 0.99 -20.64	42.42 0.93 -21.28	41.98 1.07 -17.74	45.52 1.20 -19.32	70.25 1.34 -40.33	81.52 1.26 -51.58	67.34 1.16 -40.91	61.11 1.05 -37.13	42.08 1.21 -12.80	38.98 1.04 -13.68	38.10 1.07 -12.72	37.84 1.12 -12.30	40.04 1.06 -15.88	45.25 1.03 -20.76	53.39 1.03 -28.29	71.23 1.17 -43.46	63.21 1.01 -39.15	58.09 0.99 -34.04	56.33 0.73 -37.92	52.52 0.54 -38.57	49.50 0.32 -41.37	45.27 0.55 -31.43
MAPLE_RIDGE_WT_1 323574	24.00 -0.79 0.00	23.18 -0.79 0.00	20.51 -0.66 0.00	19.60 -0.61 0.00	22.55 -0.62 0.00	24.32 -0.67 0.00	27.78 -0.80 0.00	27.88 -0.80 0.00	24.59 -0.68 0.00	22.33 -0.60 0.00	27.35 -0.73 0.00	23.63 -0.63 0.00	23.68 -0.63 0.00	23.81 -0.61 0.00	22.52 -0.58 0.00	22.81 -0.66 0.00	23.27 -0.79 0.00	25.64 -0.96 0.00	22.17 -0.88 0.00	22.19 -0.88 0.00	17.01 -0.67 0.00	12.91 -0.51 0.00	7.50 -0.30 0.00	12.75 -0.55 0.00
MAPLE_RIDGE_WT_2 323611	24.00 -0.79 0.00	23.18 -0.79 0.00	20.51 -0.66 0.00	19.60 -0.61 0.00	22.55 -0.62 0.00	24.32 -0.67 0.00	27.78 -0.80 0.00	27.88 -0.80 0.00	24.59 -0.68 0.00	22.33 -0.60 0.00	27.35 -0.73 0.00	23.63 -0.63 0.00	23.68 -0.63 0.00	23.81 -0.61 0.00	22.52 -0.58 0.00	22.81 -0.66 0.00	23.27 -0.79 0.00	25.64 -0.96 0.00	22.17 -0.88 0.00	22.19 -0.88 0.00	17.01 -0.67 0.00	12.91 -0.51 0.00	7.50 -0.30 0.00	12.75 -0.55 0.00
MARBLE_RIVER_WT_PWR 323696	24.05 -0.74 0.00	23.06 -0.91 0.00	20.40 -0.76 0.00	19.52 -0.69 0.00	22.52 -0.65 0.00	24.32 -0.67 0.00	27.84 -0.74 0.00	27.76 -0.92 0.00	24.51 -0.76 0.00	22.35 -0.57 0.00	27.21 -0.87 0.00	23.46 -0.80 0.00	23.44 -0.87 0.00	23.71 -0.71 0.00	22.57 -0.53 0.00	22.92 -0.54 0.00	23.34 -0.72 0.00	25.46 -1.14 0.00	21.78 -1.27 0.00	-7.00 -1.27 28.80	16.76 -0.92 0.00	12.72 -0.70 0.00	0.15 -0.44 7.22	-7.00 -0.81 19.48
MARSHVLE_115KV_TB1 80742	54.71 0.55 -29.37	47.31 0.50 -22.83	46.34 0.42 -24.76	46.12 0.38 -25.53	44.94 0.49 -21.28	48.82 0.65 -23.18	78.04 1.09 -48.38	91.53 0.98 -61.87	75.07 0.73 -49.07	67.90 0.44 -44.54	43.99 0.56 -15.35	40.94 0.27 -16.41	39.79 0.22 -15.26	39.39 0.22 -14.76	42.42 0.28 -19.04	48.81 0.45 -24.90	58.67 0.67 -33.94	79.63 0.90 -52.13	70.82 0.81 -46.96	64.70 0.81 -40.83	63.76 0.58 -45.49	60.06 0.38 -46.26	57.61 0.18 -49.63	51.25 0.25 -37.70
MARSH_HILL_WT_PWR 323713	29.81 -0.57 -5.59	27.93 -0.38 -4.34	25.47 -0.40 -4.71	24.68 -0.38 -4.85	26.69 -0.53 -4.05	28.95 -0.45 -4.41	37.09 -0.69 -9.20	39.36 -0.77 -11.45	33.57 -0.78 -9.08	30.71 -0.73 -8.53	30.09 -0.84 -2.86	26.68 -0.73 -3.14	26.52 -0.71 -2.92	26.46 -0.78 -2.82	25.91 -0.83 -3.64	27.23 -0.84 -4.61	29.55 -0.79 -6.28	35.28 -0.90 -9.58	31.01 -0.67 -8.63	30.02 -0.81 -7.76	25.79 -0.55 -8.65	21.83 -0.39 -8.80	17.06 -0.18 -9.44	20.27 -0.20 -7.17
MCINTYRE_115KV_TB2 80467	25.57 0.30 -0.48	24.54 0.19 -0.37	21.76 0.19 -0.41	20.77 0.14 -0.42	23.82 0.30 -0.35	25.65 0.27 -0.38	29.83 0.46 -0.79	30.06 0.49 -0.89	26.48 0.51 -0.71	23.95 0.39 -0.64	28.58 0.28 -0.22	24.74 0.24 -0.24	24.72 0.19 -0.22	24.87 0.24 -0.21	23.65 0.28 -0.27	24.08 0.26 -0.36	24.79 0.24 -0.49	27.75 0.29 -0.85	24.00 0.18 -0.77	26.70 0.18 -3.45	18.46 0.04 -0.75	14.23 0.05 -0.76	9.32 0.01 -1.51	15.69 -0.11 -2.50
MECO___69_KV_BK1 80468	54.30 1.49 -28.02	47.12 1.37 -21.78	45.99 1.21 -23.62	45.67 1.11 -24.35	44.82 1.34 -20.30	48.76 1.65 -22.11	77.08 2.34 -46.15	89.91 2.21 -59.02	73.93 1.84 -46.81	66.79 1.38 -42.50	44.32 1.60 -14.64	41.08 1.16 -15.65	40.01 1.14 -14.56	39.69 1.20 -14.08	42.56 1.29 -18.17	48.76 1.55 -23.75	58.27 1.83 -32.38	78.46 2.13 -49.73	69.67 1.82 -44.80	63.88 1.87 -38.95	62.50 1.41 -43.40	58.51 0.95 -44.13	55.63 0.48 -47.34	49.99 0.73 -35.96
MENANDS__115KV_TB5 355628	50.30 1.07 -24.45	44.01 1.03 -19.00	42.68 0.91 -20.60	42.32 0.87 -21.24	41.86 0.97 -17.71	45.39 1.10 -19.29	70.04 1.20 -40.26	81.26 1.09 -51.49	67.14 1.04 -40.84	60.98 0.99 -37.07	41.95 1.09 -12.78	38.86 0.95 -13.65	37.98 0.97 -12.70	37.75 1.05 -12.28	39.92 0.97 -15.85	45.12 0.94 -20.72	53.20 0.89 -28.25	70.97 0.98 -43.38	63.01 0.88 -39.08	57.90 0.85 -33.98	56.14 0.60 -37.86	52.38 0.46 -38.50	49.39 0.28 -41.30	45.15 0.48 -31.37
MG INDUSTRY___DRP 24185	49.91 1.12 -24.00	43.71 1.08 -18.65	42.34 0.95 -20.23	41.95 0.89 -20.86	41.58 1.02 -17.39	45.08 1.15 -18.94	69.37 1.26 -39.53	80.35 1.12 -50.55	66.40 1.04 -40.09	60.26 0.94 -36.40	41.68 1.07 -12.54	38.59 0.92 -13.41	37.70 0.92 -12.47	37.48 1.00 -12.06	39.60 0.95 -15.56	44.74 0.94 -20.34	52.73 0.94 -27.73	70.26 1.06 -42.59	62.36 0.95 -38.37	57.35 0.92 -33.36	55.52 0.67 -37.17	51.73 0.51 -37.80	48.66 0.30 -40.55	44.62 0.52 -30.80
MID___OSWEGATCHIE_HYD 23849	25.52 -0.30 -1.03	24.41 -0.36 -0.80	21.71 -0.32 -0.86	20.75 -0.34 -0.89	23.61 -0.30 -0.74	25.48 -0.32 -0.81	29.90 -0.37 -1.69	30.54 -0.32 -2.18	26.74 -0.25 -1.73	24.19 -0.30 -1.57	28.17 -0.45 -0.54	24.38 -0.46 -0.58	24.31 -0.53 -0.54	24.45 -0.49 -0.52	23.35 -0.42 -0.67	23.87 -0.47 -0.88	24.77 -0.48 -1.19	27.89 -0.53 -1.82	24.20 -0.48 -1.64	27.15 -0.48 -4.57	18.95 -0.32 -1.59	14.81 -0.23 -1.61	10.18 -0.15 -2.52	16.41 -0.33 -3.44
MID___RAQUETTE_HYD 23851	25.10 -0.25 -0.56	24.07 -0.34 -0.44	21.36 -0.28 -0.47	20.41 -0.28 -0.49	23.37 -0.21 -0.41	25.11 -0.32 -0.44	28.93 -0.57 -0.92	29.34 -0.54 -1.20	25.92 -0.30 -0.95	23.49 -0.30 -0.87	27.90 -0.48 -0.30	24.22 -0.36 -0.32	24.22 -0.39 -0.30	24.36 -0.34 -0.29	23.19 -0.28 -0.37	23.48 -0.47 -0.48	24.07 -0.65 -0.66	26.79 -0.80 -0.99	23.18 -0.76 -0.90	27.72 -0.74 -5.39	18.09 -0.46 -0.87	14.06 -0.24 -0.88	9.76 -0.15 -2.10	16.75 -0.39 -3.84
MILLIKEN___1 23584	30.64 0.47 -5.38	28.64 0.48 -4.18	26.10 0.40 -4.53	25.25 0.36 -4.68	27.46 0.39 -3.90	29.72 0.47 -4.25	38.13 0.69 -8.86	40.70 0.77 -11.25	34.77 0.58 -8.92	31.52 0.44 -8.16	31.43 0.56 -2.79	27.66 0.39 -3.01	27.52 0.41 -2.80	27.49 0.37 -2.70	26.93 0.35 -3.49	28.41 0.42 -4.53	30.81 0.58 -6.17	36.79 0.72 -9.48	32.28 0.69 -8.54	31.21 0.67 -7.48	26.51 0.50 -8.33	22.24 0.35 -8.47	17.09 0.20 -9.09	20.55 0.35 -6.91
MILLIKEN___2 23585	30.64 0.47 -5.38	28.64 0.48 -4.18	26.10 0.40 -4.53	25.25 0.36 -4.68	27.46 0.39 -3.90	29.72 0.47 -4.25	38.13 0.69 -8.86	40.70 0.77 -11.25	34.77 0.58 -8.92	31.52 0.44 -8.16	31.43 0.56 -2.79	27.66 0.39 -3.01	27.52 0.41 -2.80	27.49 0.37 -2.70	26.93 0.35 -3.49	28.41 0.42 -4.53	30.81 0.58 -6.17	36.79 0.72 -9.48	32.28 0.69 -8.54	31.21 0.67 -7.48	26.51 0.50 -8.33	22.24 0.35 -8.47	17.09 0.20 -9.09	20.55 0.35 -6.91

MILLIKEN___DIESEL 23629	30.64 0.47 -5.38	28.64 0.48 -4.18	26.10 0.40 -4.53	25.25 0.36 -4.68	27.46 0.39 -3.90	29.72 0.47 -4.25	38.13 0.69 -8.86	40.70 0.77 -11.25	34.77 0.58 -8.92	31.52 0.44 -8.16	31.43 0.56 -2.79	27.66 0.39 -3.01	27.52 0.41 -2.80	27.49 0.37 -2.70	26.93 0.35 -3.49	28.41 0.42 -4.53	30.81 0.58 -6.17	36.79 0.72 -9.48	32.28 0.69 -8.54	31.21 0.67 -7.48	26.51 0.50 -8.33	22.24 0.35 -8.47	17.09 0.20 -9.09	20.55 0.35 -6.91
MILLSEAT___LFGE 323607	28.38 -0.79 -4.38	26.73 -0.65 -3.41	24.16 -0.70 -3.69	23.39 -0.63 -3.81	25.49 -0.86 -3.17	27.58 -0.88 -3.46	34.71 -1.09 -7.22	35.77 -1.43 -8.52	30.81 -1.21 -6.76	28.57 -1.05 -6.70	28.93 -1.29 -2.15	25.64 -1.09 -2.47	25.59 -1.02 -2.30	25.61 -1.02 -2.22	24.92 -1.04 -2.87	25.84 -1.06 -3.43	27.60 -1.13 -4.68	32.62 -1.09 -7.11	28.67 -0.88 -6.41	28.28 -0.65 -6.09	23.81 -0.44 -6.79	19.88 -0.30 -6.90	15.02 -0.19 -7.40	18.73 -0.19 -5.62
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	45.49 1.26 -19.43	40.33 1.25 -15.11	38.64 1.10 -16.38	38.17 1.07 -16.89	38.46 1.20 -14.08	41.68 1.35 -15.34	62.10 1.51 -32.01	71.31 1.69 -40.94	59.15 1.42 -32.47	53.68 1.28 -29.47	39.97 1.74 -10.16	36.70 1.58 -10.86	35.99 1.58 -10.10	35.70 1.51 -9.76	37.11 1.41 -12.60	41.37 1.43 -16.47	48.01 1.49 -22.46	62.82 1.73 -34.49	55.55 1.43 -31.07	51.42 1.34 -27.01	48.72 0.94 -30.10	44.77 0.74 -30.61	41.07 0.43 -32.84	39.00 0.76 -24.94
MILLWOOD_13_KV_LOAD 356217	45.54 1.31 -19.43	40.40 1.32 -15.11	38.71 1.16 -16.38	38.23 1.13 -16.89	38.48 1.23 -14.08	41.73 1.40 -15.34	62.19 1.60 -32.01	71.42 1.81 -40.94	59.23 1.49 -32.47	53.75 1.35 -29.47	40.03 1.80 -10.16	36.74 1.63 -10.86	36.01 1.60 -10.10	35.72 1.54 -9.76	37.13 1.43 -12.60	41.41 1.48 -16.47	48.08 1.56 -22.46	62.90 1.81 -34.49	55.62 1.50 -31.07	51.49 1.41 -27.01	48.79 1.01 -30.10	44.81 0.78 -30.61	41.09 0.44 -32.84	39.02 0.78 -24.94
MODEL_CITY_ENERGY 24167	27.87 -1.41 -4.49	26.27 -1.20 -3.49	23.75 -1.21 -3.79	23.00 -1.11 -3.90	24.99 -1.44 -3.25	27.04 -1.50 -3.54	34.01 -1.97 -7.40	34.76 -2.38 -8.46	29.96 -2.02 -6.71	28.03 -1.76 -6.87	28.08 -2.13 -2.14	25.02 -1.77 -2.53	25.01 -1.65 -2.35	24.98 -1.71 -2.28	24.35 -1.69 -2.94	25.13 -1.74 -3.41	26.83 -1.88 -4.64	31.69 -1.97 -7.06	27.87 -1.54 -6.36	27.67 -1.64 -6.24	23.42 -1.22 -6.96	19.66 -0.83 -7.07	15.01 -0.38 -7.59	18.55 -0.51 -5.76
MODERN_LFGE___ 323580	27.87 -1.41 -4.49	26.27 -1.20 -3.49	23.75 -1.21 -3.79	23.00 -1.11 -3.90	24.99 -1.44 -3.25	27.04 -1.50 -3.54	34.01 -1.97 -7.40	34.76 -2.38 -8.46	29.96 -2.02 -6.71	28.03 -1.76 -6.87	28.08 -2.13 -2.14	25.02 -1.77 -2.53	25.01 -1.65 -2.35	24.98 -1.71 -2.28	24.35 -1.69 -2.94	25.13 -1.74 -3.41	26.83 -1.88 -4.64	31.69 -1.97 -7.06	27.87 -1.54 -6.36	27.67 -1.64 -6.24	23.42 -1.22 -6.96	19.66 -0.83 -7.07	15.01 -0.38 -7.59	18.55 -0.51 -5.76
MOHAWK_PAPER___DRP 24187	50.44 1.17 -24.49	44.13 1.13 -19.03	42.80 0.99 -20.64	42.42 0.93 -21.28	41.98 1.07 -17.74	45.52 1.20 -19.32	70.25 1.34 -40.33	81.52 1.26 -51.58	67.34 1.16 -40.91	61.11 1.05 -37.13	42.08 1.21 -12.80	38.98 1.04 -13.68	38.10 1.07 -12.72	37.84 1.12 -12.30	40.04 1.06 -15.88	45.25 1.03 -20.76	53.39 1.03 -28.29	71.23 1.17 -43.46	63.21 1.01 -39.15	58.09 0.99 -34.04	56.33 0.73 -37.92	52.52 0.54 -38.57	49.50 0.32 -41.37	45.27 0.55 -31.43
MOHICAN__35_KV_115KV_LD 80490	51.01 1.21 -25.00	44.51 1.10 -19.43	43.21 0.97 -21.07	42.84 0.91 -21.72	42.35 1.07 -18.11	45.97 1.25 -19.73	71.38 1.63 -41.17	82.91 1.58 -52.66	68.37 1.34 -41.76	61.86 1.03 -37.91	42.38 1.24 -13.06	39.10 0.87 -13.96	38.17 0.88 -12.99	37.86 0.88 -12.56	40.18 0.88 -16.21	45.71 1.06 -21.19	54.15 1.20 -28.89	72.43 1.46 -44.37	64.28 1.27 -39.97	59.11 1.29 -34.75	57.35 0.95 -38.72	53.50 0.71 -39.37	50.42 0.38 -42.24	45.98 0.60 -32.08
MONGAUP___HYD 23641	43.85 1.17 -17.90	39.01 1.13 -13.91	37.31 1.06 -15.08	36.75 0.99 -15.55	37.25 1.11 -12.97	40.27 1.15 -14.12	59.03 0.97 -29.47	67.29 0.89 -37.72	56.14 0.96 -29.91	50.97 0.89 -27.16	38.61 1.18 -9.36	35.36 1.09 -10.00	34.68 1.07 -9.30	34.44 1.03 -9.00	35.68 0.97 -11.61	39.63 0.99 -15.18	45.91 1.15 -20.69	59.45 1.09 -31.76	52.70 1.04 -28.61	49.03 1.08 -24.87	46.21 0.81 -27.72	42.22 0.62 -28.19	38.38 0.34 -30.24	36.90 0.64 -22.97
MONTAUK___DIESEL 23721	54.01 3.64 -25.57	47.65 3.57 -20.10	44.42 3.09 -20.17	43.85 2.97 -20.67	41.67 3.36 -15.14	49.63 3.72 -20.91	75.47 4.40 -42.49	89.67 4.65 -56.34	61.87 3.94 -32.66	55.64 3.07 -29.64	42.28 3.99 -10.22	38.53 3.35 -10.92	38.08 3.52 -10.25	37.70 3.42 -9.86	38.98 3.28 -12.61	44.76 3.57 -17.74	62.54 3.92 -34.56	76.47 4.52 -45.35	66.44 3.87 -39.52	63.58 3.74 -36.78	61.99 2.74 -41.56	59.64 2.05 -44.17	42.04 1.19 -33.04	40.27 1.89 -25.09
MOONROAD_115KV_HARTFLD_TB1-2 355988	28.31 -1.31 -4.84	26.77 -0.96 -3.76	24.29 -0.95 -4.08	23.56 -0.85 -4.20	25.54 -1.14 -3.50	27.71 -1.10 -3.82	35.20 -1.34 -7.96	36.21 -1.66 -9.19	31.02 -1.54 -7.29	28.81 -1.44 -7.33	28.66 -1.74 -2.32	25.44 -1.53 -2.70	25.31 -1.51 -2.51	25.24 -1.61 -2.43	24.62 -1.62 -3.14	25.43 -1.74 -3.70	27.28 -1.83 -5.04	32.53 -1.81 -7.74	28.46 -1.57 -6.98	28.06 -1.73 -6.72	23.88 -1.29 -7.49	20.14 -0.90 -7.62	15.53 -0.44 -8.17	18.86 -0.64 -6.20
MORTIMER_115KV_TB3 55949	28.40 -0.45 -4.05	26.74 -0.38 -3.15	24.16 -0.42 -3.41	23.34 -0.38 -3.52	25.60 -0.51 -2.93	27.67 -0.52 -3.20	34.62 -0.63 -6.67	36.44 -0.77 -8.53	31.35 -0.68 -6.77	28.47 -0.60 -6.14	29.52 -0.67 -2.12	25.92 -0.61 -2.26	25.83 -0.58 -2.10	25.87 -0.59 -2.03	25.17 -0.55 -2.63	26.33 -0.56 -3.43	28.14 -0.60 -4.68	33.26 -0.53 -7.19	29.16 -0.37 -6.48	28.28 -0.42 -5.63	23.67 -0.28 -6.27	19.60 -0.20 -6.38	14.57 -0.08 -6.84	18.41 -0.08 -5.20
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	45.73 1.39 -19.55	40.56 1.39 -15.19	38.86 1.23 -16.47	38.36 1.17 -16.99	38.65 1.32 -14.16	41.89 1.47 -15.42	62.40 1.63 -32.19	71.69 1.84 -41.17	59.46 1.54 -32.65	53.98 1.42 -29.64	40.26 1.97 -10.21	36.98 1.80 -10.92	36.26 1.80 -10.16	35.97 1.73 -9.82	37.39 1.62 -12.67	41.65 1.62 -16.57	48.30 1.66 -22.58	63.18 1.89 -34.69	55.86 1.57 -31.25	51.71 1.48 -27.17	49.00 1.04 -30.27	45.02 0.82 -30.78	41.30 0.48 -33.02	39.24 0.86 -25.08
MUNSVILLE_WIND_PWR 323609	34.04 2.03 -7.22	31.52 1.94 -5.61	28.94 1.69 -6.08	28.01 1.53 -6.27	30.21 1.81 -5.23	32.84 2.15 -5.69	43.55 3.09 -11.88	46.98 3.15 -15.15	39.78 2.50 -12.01	35.92 2.02 -10.99	34.31 2.47 -3.76	30.03 1.72 -4.05	29.68 1.60 -3.76	29.62 1.56 -3.64	29.29 1.50 -4.70	31.27 1.71 -6.10	34.49 2.12 -8.31	41.73 2.42 -12.71	36.53 2.03 -11.45	34.99 1.89 -10.03	30.24 1.38 -11.17	25.67 0.89 -11.36	20.52 0.52 -12.19	23.38 0.82 -9.26
N SALMON___HYD 24042	24.32 -0.47 0.00	23.35 -0.62 0.00	20.66 -0.51 0.00	19.74 -0.46 0.00	22.80 -0.37 0.00	24.59 -0.40 0.00	28.09 -0.49 0.00	28.17 -0.52 0.00	24.91 -0.35 0.00	22.67 -0.25 0.00	27.60 -0.48 0.00	23.80 -0.46 0.00	23.77 -0.53 0.00	24.03 -0.39 0.00	22.84 -0.25 0.00	23.16 -0.31 0.00	23.58 -0.48 0.00	25.83 -0.77 0.00	22.17 -0.88 0.00	42.05 -0.88 -19.86	17.06 -0.62 0.00	12.98 -0.44 0.00	12.48 -0.30 -4.98	26.14 -0.60 -13.44

N.AKRON__115KV_KNAPP 355671	28.37 -0.82 -4.40	26.74 -0.65 -3.42	24.17 -0.70 -3.71	23.40 -0.63 -3.82	25.50 -0.86 -3.19	27.59 -0.87 -3.47	34.74 -1.09 -7.24	35.74 -1.38 -8.43	30.75 -1.21 -6.69	28.51 -1.08 -6.67	28.94 -1.26 -2.13	25.63 -1.09 -2.46	25.57 -1.02 -2.28	25.55 -1.07 -2.21	24.91 -1.04 -2.85	25.78 -1.08 -3.40	27.53 -1.15 -4.63	32.64 -1.06 -7.11	28.64 -0.81 -6.40	28.25 -0.92 -6.11	23.82 -0.67 -6.81	19.89 -0.46 -6.92	15.04 -0.19 -7.43	18.71 -0.23 -5.64
N.BELMOR_69_KV_BK1 55787	51.20 2.03 -24.37	45.66 2.01 -19.67	60.90 1.78 -37.96	45.98 1.72 -24.06	44.92 1.95 -19.80	74.48 2.12 -47.36	71.44 2.43 -40.43	84.57 2.58 -53.31	60.15 2.22 -32.66	54.33 1.76 -29.64	40.71 2.41 -10.22	37.32 2.14 -10.92	37.34 2.31 -10.72	36.77 2.25 -10.10	38.03 2.06 -12.88	43.30 2.09 -17.75	60.80 2.19 -34.56	74.38 2.42 -45.36	64.64 2.05 -39.53	61.82 1.96 -36.79	60.66 1.41 -41.56	58.71 1.13 -44.17	41.54 0.69 -33.04	39.51 1.13 -25.09
N.E_GEN_SANDY PD 24062	68.15 1.36 -42.00	69.16 1.34 -43.84	69.30 1.16 -46.97	72.75 1.13 -51.41	69.94 1.27 -45.49	79.56 1.42 -53.14	101.87 1.60 -71.69	105.84 1.66 -75.50	91.64 1.41 -64.96	63.12 1.31 -38.89	41.30 1.63 -11.59	38.06 1.41 -12.39	37.24 1.41 -11.53	36.95 1.39 -11.14	38.77 1.29 -14.38	43.60 1.34 -18.80	51.71 1.35 -26.30	70.60 1.49 -42.51	64.01 1.29 -39.67	55.11 1.22 -30.82	52.91 0.88 -34.34	49.03 0.68 -34.93	45.68 0.41 -37.47	42.47 0.72 -28.46
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	44.74 1.09 -18.86	39.74 1.10 -14.66	38.06 0.99 -15.90	37.55 0.95 -16.39	37.90 1.07 -13.67	41.05 1.17 -14.88	60.96 1.31 -31.07	69.90 1.49 -39.73	57.99 1.21 -31.51	52.60 1.08 -28.60	39.42 1.49 -9.86	36.21 1.41 -10.54	35.52 1.41 -9.80	35.24 1.34 -9.48	36.55 1.22 -12.23	40.67 1.22 -15.99	47.15 1.30 -21.79	61.62 1.54 -33.47	54.45 1.24 -30.15	50.44 1.15 -26.22	47.71 0.81 -29.21	43.77 0.64 -29.71	40.05 0.38 -31.87	38.18 0.68 -24.21
N.QUEENS_27_KV_LOAD 356247	45.90 1.56 -19.54	40.70 1.53 -15.19	38.97 1.33 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.79 1.37 -15.42	62.06 1.29 -32.19	71.40 1.55 -41.17	59.31 1.39 -32.65	53.89 1.33 -29.64	40.25 1.97 -10.21	37.07 1.89 -10.92	36.34 1.87 -10.15	36.04 1.81 -9.82	37.41 1.64 -12.67	41.62 1.60 -16.57	48.30 1.66 -22.58	63.09 1.81 -34.69	55.82 1.52 -31.25	51.69 1.45 -27.17	48.94 0.99 -30.27	44.97 0.76 -30.78	41.29 0.46 -33.02	39.40 1.01 -25.09
N.TROY___115KV_TB1 355778	50.63 1.26 -24.57	44.30 1.22 -19.10	42.93 1.06 -20.71	42.57 1.01 -21.35	42.13 1.16 -17.80	45.69 1.30 -19.39	70.56 1.51 -40.47	81.90 1.46 -51.76	67.60 1.29 -41.05	61.33 1.15 -37.26	42.29 1.38 -12.84	39.13 1.14 -13.72	38.24 1.17 -12.77	37.93 1.17 -12.34	40.14 1.11 -15.93	45.44 1.15 -20.83	53.65 1.20 -28.39	71.56 1.36 -43.61	63.53 1.20 -39.28	58.37 1.15 -34.15	56.57 0.83 -38.05	52.75 0.63 -38.70	49.69 0.37 -41.51	45.46 0.62 -31.53
NARROWS_GT1_1 24228	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.59 1.72 -41.19	59.37 1.44 -32.67	53.95 1.38 -29.65	40.32 2.02 -10.22	37.05 1.87 -10.92	36.34 1.87 -10.16	36.05 1.81 -9.82	37.46 1.69 -12.68	41.70 1.67 -16.58	48.36 1.71 -22.60	63.12 1.83 -34.69	55.88 1.59 -31.25	51.71 1.48 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
NARROWS_GT1_2 24229	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.59 1.72 -41.19	59.37 1.44 -32.67	53.95 1.38 -29.65	40.32 2.02 -10.22	37.05 1.87 -10.92	36.34 1.87 -10.16	36.05 1.81 -9.82	37.46 1.69 -12.68	41.70 1.67 -16.58	48.36 1.71 -22.60	63.12 1.83 -34.69	55.88 1.59 -31.25	51.71 1.48 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
NARROWS_GT1_3 24230	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.59 1.72 -41.19	59.37 1.44 -32.67	53.95 1.38 -29.65	40.32 2.02 -10.22	37.05 1.87 -10.92	36.34 1.87 -10.16	36.05 1.81 -9.82	37.46 1.69 -12.68	41.70 1.67 -16.58	48.36 1.71 -22.60	63.12 1.83 -34.69	55.88 1.59 -31.25	51.71 1.48 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
NARROWS_GT1_4 24231	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.59 1.72 -41.19	59.37 1.44 -32.67	53.95 1.38 -29.65	40.32 2.02 -10.22	37.05 1.87 -10.92	36.34 1.87 -10.16	36.05 1.81 -9.82	37.46 1.69 -12.68	41.70 1.67 -16.58	48.36 1.71 -22.60	63.12 1.83 -34.69	55.88 1.59 -31.25	51.71 1.48 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
NARROWS_GT1_5 24232	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.59 1.72 -41.19	59.37 1.44 -32.67	53.95 1.38 -29.65	40.32 2.02 -10.22	37.05 1.87 -10.92	36.34 1.87 -10.16	36.05 1.81 -9.82	37.46 1.69 -12.68	41.70 1.67 -16.58	48.36 1.71 -22.60	63.12 1.83 -34.69	55.88 1.59 -31.25	51.71 1.48 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
NARROWS_GT1_6 24233	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.59 1.72 -41.19	59.37 1.44 -32.67	53.95 1.38 -29.65	40.32 2.02 -10.22	37.05 1.87 -10.92	36.34 1.87 -10.16	36.05 1.81 -9.82	37.46 1.69 -12.68	41.70 1.67 -16.58	48.36 1.71 -22.60	63.12 1.83 -34.69	55.88 1.59 -31.25	51.71 1.48 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
NARROWS_GT1_7 24234	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.59 1.72 -41.19	59.37 1.44 -32.67	53.95 1.38 -29.65	40.32 2.02 -10.22	37.05 1.87 -10.92	36.34 1.87 -10.16	36.05 1.81 -9.82	37.46 1.69 -12.68	41.70 1.67 -16.58	48.36 1.71 -22.60	63.12 1.83 -34.69	55.88 1.59 -31.25	51.71 1.48 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
NARROWS_GT1_8 24235	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.59 1.72 -41.19	59.37 1.44 -32.67	53.95 1.38 -29.65	40.32 2.02 -10.22	37.05 1.87 -10.92	36.34 1.87 -10.16	36.05 1.81 -9.82	37.46 1.69 -12.68	41.70 1.67 -16.58	48.36 1.71 -22.60	63.12 1.83 -34.69	55.88 1.59 -31.25	51.71 1.48 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
NARROWS_GT2_1 24236	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.59 1.72 -41.19	59.37 1.44 -32.67	53.95 1.38 -29.65	40.32 2.02 -10.22	37.05 1.87 -10.92	36.34 1.87 -10.16	36.05 1.81 -9.82	37.46 1.69 -12.68	41.70 1.67 -16.58	48.36 1.71 -22.60	63.12 1.83 -34.69	55.88 1.59 -31.25	51.71 1.48 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09

NARROWS_GT2_2 24237	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.59 1.72 -41.19	59.37 1.44 -32.67	53.95 1.38 -29.65	40.32 2.02 -10.22	37.05 1.87 -10.92	36.34 1.87 -10.16	36.05 1.81 -9.82	37.46 1.69 -12.68	41.70 1.67 -16.58	48.36 1.71 -22.60	63.12 1.83 -34.69	55.88 1.59 -31.25	51.71 1.48 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
NARROWS_GT2_3 24238	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.59 1.72 -41.19	59.37 1.44 -32.67	53.95 1.38 -29.65	40.32 2.02 -10.22	37.05 1.87 -10.92	36.34 1.87 -10.16	36.05 1.81 -9.82	37.46 1.69 -12.68	41.70 1.67 -16.58	48.36 1.71 -22.60	63.12 1.83 -34.69	55.88 1.59 -31.25	51.71 1.48 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
NARROWS_GT2_4 24239	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.59 1.72 -41.19	59.37 1.44 -32.67	53.95 1.38 -29.65	40.32 2.02 -10.22	37.05 1.87 -10.92	36.34 1.87 -10.16	36.05 1.81 -9.82	37.46 1.69 -12.68	41.70 1.67 -16.58	48.36 1.71 -22.60	63.12 1.83 -34.69	55.88 1.59 -31.25	51.71 1.48 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
NARROWS_GT2_5 24240	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.59 1.72 -41.19	59.37 1.44 -32.67	53.95 1.38 -29.65	40.32 2.02 -10.22	37.05 1.87 -10.92	36.34 1.87 -10.16	36.05 1.81 -9.82	37.46 1.69 -12.68	41.70 1.67 -16.58	48.36 1.71 -22.60	63.12 1.83 -34.69	55.88 1.59 -31.25	51.71 1.48 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
NARROWS_GT2_6 24241	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.59 1.72 -41.19	59.37 1.44 -32.67	53.95 1.38 -29.65	40.32 2.02 -10.22	37.05 1.87 -10.92	36.34 1.87 -10.16	36.05 1.81 -9.82	37.46 1.69 -12.68	41.70 1.67 -16.58	48.36 1.71 -22.60	63.12 1.83 -34.69	55.88 1.59 -31.25	51.71 1.48 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
NARROWS_GT2_7 24242	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.59 1.72 -41.19	59.37 1.44 -32.67	53.95 1.38 -29.65	40.32 2.02 -10.22	37.05 1.87 -10.92	36.34 1.87 -10.16	36.05 1.81 -9.82	37.46 1.69 -12.68	41.70 1.67 -16.58	48.36 1.71 -22.60	63.12 1.83 -34.69	55.88 1.59 -31.25	51.71 1.48 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
NARROWS_GT2_8 24243	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.59 1.72 -41.19	59.37 1.44 -32.67	53.95 1.38 -29.65	40.32 2.02 -10.22	37.05 1.87 -10.92	36.34 1.87 -10.16	36.05 1.81 -9.82	37.46 1.69 -12.68	41.70 1.67 -16.58	48.36 1.71 -22.60	63.12 1.83 -34.69	55.88 1.59 -31.25	51.71 1.48 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	49.14 1.24 -23.11	43.09 1.15 -17.96	41.63 0.99 -19.47	41.22 0.93 -20.08	41.00 1.09 -16.74	44.43 1.20 -18.24	67.98 1.34 -38.06	78.56 1.20 -48.67	64.96 1.09 -38.60	58.84 0.87 -35.04	40.97 0.81 -12.08	37.75 0.58 -12.91	36.92 0.61 -12.01	36.73 0.71 -11.61	38.80 0.72 -14.98	43.78 0.73 -19.59	51.63 0.87 -26.70	68.70 1.09 -41.01	60.96 0.97 -36.94	56.13 0.95 -32.12	54.18 0.71 -35.79	50.31 0.50 -36.39	47.12 0.27 -39.04	43.38 0.43 -29.66
NCHELSEA_115KV_TR2 355582	45.92 1.44 -19.69	40.69 1.41 -15.30	39.01 1.25 -16.59	38.51 1.19 -17.11	38.78 1.34 -14.26	41.98 1.45 -15.54	62.67 1.66 -32.43	72.02 1.86 -41.47	59.68 1.52 -32.89	54.11 1.33 -29.86	40.05 1.68 -10.29	36.74 1.48 -11.00	36.00 1.46 -10.23	35.72 1.42 -9.89	37.18 1.32 -12.77	41.56 1.41 -16.69	48.33 1.52 -22.75	63.32 1.78 -34.94	56.00 1.48 -31.48	51.82 1.38 -27.37	49.18 1.01 -30.49	45.21 0.78 -31.01	41.52 0.44 -33.27	39.34 0.77 -25.27
NEG CAPITAL___MECHNVIL 23645	51.13 1.49 -24.85	44.70 1.41 -19.31	43.36 1.25 -20.94	42.97 1.17 -21.60	42.52 1.34 -18.00	46.13 1.52 -19.61	71.36 1.86 -40.93	82.85 1.81 -52.36	68.36 1.57 -41.53	61.92 1.31 -37.70	42.67 1.60 -12.99	39.41 1.26 -13.88	38.51 1.29 -12.92	38.17 1.27 -12.49	40.46 1.25 -16.12	45.89 1.36 -21.07	54.25 1.47 -28.72	72.40 1.70 -44.10	64.27 1.50 -39.73	59.08 1.48 -34.54	57.27 1.10 -38.49	53.36 0.81 -39.14	50.25 0.46 -41.98	45.95 0.76 -31.89
NEG CENTRAL_HIGH_ACRES 23767	27.96 -0.82 -3.98	26.33 -0.74 -3.09	23.80 -0.72 -3.36	23.00 -0.67 -3.46	25.22 -0.83 -2.88	27.26 -0.88 -3.14	34.17 -0.97 -6.56	36.16 -1.06 -8.54	31.11 -0.93 -6.78	28.20 -0.82 -6.11	29.21 -0.98 -2.12	25.64 -0.87 -2.25	25.55 -0.85 -2.09	25.58 -0.86 -2.02	24.90 -0.81 -2.61	26.10 -0.80 -3.44	27.93 -0.82 -4.69	32.92 -0.80 -7.12	28.86 -0.60 -6.41	27.98 -0.62 -5.53	23.37 -0.48 -6.17	19.33 -0.36 -6.27	14.34 -0.19 -6.73	18.15 -0.25 -5.11
NEG CENTRAL___DRP 24199	28.87 -0.07 -4.16	27.18 -0.02 -3.23	24.63 -0.04 -3.50	23.78 -0.04 -3.61	26.09 -0.09 -3.01	28.23 -0.05 -3.28	35.45 0.03 -6.85	37.52 0.09 -8.76	32.21 0.00 -6.94	29.18 -0.05 -6.30	30.22 -0.03 -2.17	26.49 -0.10 -2.32	26.40 -0.07 -2.16	26.41 -0.10 -2.09	25.68 -0.12 -2.69	26.89 -0.09 -3.52	28.86 0.00 -4.80	34.11 0.13 -7.38	29.88 0.18 -6.64	28.98 0.14 -5.78	24.23 0.11 -6.44	20.03 0.07 -6.55	14.87 0.04 -7.02	18.72 0.09 -5.33
NEG CENTRAL___INDECK 23768	29.85 0.12 -4.94	28.00 0.19 -3.84	25.39 0.06 -4.16	24.58 0.08 -4.29	26.77 0.02 -3.58	28.99 0.10 -3.90	36.94 0.23 -8.13	39.02 0.14 -10.20	33.31 -0.05 -8.09	30.31 -0.16 -7.55	30.39 -0.23 -2.54	26.78 -0.27 -2.78	26.65 -0.24 -2.59	26.63 -0.29 -2.50	25.98 -0.35 -3.23	27.33 -0.23 -4.11	29.53 -0.12 -5.60	35.28 0.16 -8.52	31.05 0.32 -7.68	30.18 0.25 -6.86	25.53 0.19 -7.65	21.34 0.15 -7.78	16.25 0.10 -8.34	19.89 0.25 -6.34
NEG CENTRAL___SENECA 23627	29.20 -0.02 -4.43	27.44 0.02 -3.44	24.88 -0.02 -3.73	24.06 0.00 -3.85	26.34 -0.05 -3.21	28.52 0.02 -3.50	35.99 0.11 -7.30	38.14 0.17 -9.29	32.66 0.03 -7.36	29.62 -0.02 -6.72	30.41 0.03 -2.31	26.69 -0.05 -2.47	26.59 -0.02 -2.30	26.57 -0.07 -2.23	25.88 -0.09 -2.87	27.15 -0.05 -3.74	29.20 0.05 -5.09	34.64 0.21 -7.82	30.35 0.25 -7.05	29.41 0.18 -6.16	24.68 0.14 -6.86	20.49 0.09 -6.98	15.34 0.05 -7.48	19.11 0.13 -5.68
NEG CENTRAL___STATE_STREET 24147	28.95 0.07 -4.08	27.24 0.10 -3.17	24.67 0.06 -3.44	23.79 0.04 -3.55	26.13 0.00 -2.96	28.27 0.05 -3.22	35.45 0.14 -6.72	37.48 0.20 -8.60	32.22 0.13 -6.82	29.18 0.07 -6.19	30.29 0.08 -2.13	26.57 0.02 -2.28	26.48 0.05 -2.12	26.49 0.02 -2.05	25.77 0.02 -2.65	26.97 0.05 -3.46	28.92 0.14 -4.72	34.08 0.24 -7.25	29.88 0.30 -6.53	29.02 0.28 -5.68	24.24 0.23 -6.32	20.00 0.15 -6.43	14.77 0.07 -6.90	18.67 0.13 -5.24

NEG MILLWOOD___DRP 24198	46.17 1.56 -19.82	40.94 1.56 -15.40	39.20 1.33 -16.70	38.74 1.31 -17.22	38.95 1.41 -14.36	42.21 1.57 -15.64	63.08 1.86 -32.64	72.55 2.12 -41.75	60.15 1.77 -33.11	54.54 1.56 -30.06	40.34 1.91 -10.36	36.98 1.65 -11.07	36.21 1.60 -10.30	35.94 1.56 -9.96	37.43 1.48 -12.85	41.83 1.57 -16.80	48.67 1.71 -22.90	63.80 2.02 -35.17	56.40 1.66 -31.69	52.21 1.59 -27.55	49.53 1.15 -30.70	45.52 0.89 -31.22	41.78 0.49 -33.49	39.58 0.85 -25.44
NEG NORTH_FLCN_SEA 23793	24.32 -0.47 0.00	23.30 -0.67 0.00	20.64 -0.53 0.00	19.74 -0.46 0.00	22.78 -0.39 0.00	24.60 -0.40 0.00	28.18 -0.40 0.00	27.91 -0.77 0.00	24.66 -0.61 0.00	22.49 -0.44 0.00	27.35 -0.73 0.00	23.58 -0.68 0.00	23.56 -0.75 0.00	23.83 -0.59 0.00	22.68 -0.42 0.00	23.04 -0.42 0.00	23.48 -0.58 0.00	25.61 -0.98 0.00	21.90 -1.15 0.00	-7.05 -1.15 28.96	16.96 -0.73 0.00	12.88 -0.54 0.00	0.19 -0.35 7.26	-6.97 -0.66 19.60
NEG NORTH_KES_CHATEGAY 23792	24.10 -0.69 0.00	23.11 -0.86 0.00	20.45 -0.72 0.00	19.56 -0.65 0.00	22.57 -0.60 0.00	24.37 -0.62 0.00	27.89 -0.69 0.00	27.82 -0.86 0.00	24.59 -0.68 0.00	22.42 -0.50 0.00	27.29 -0.79 0.00	23.54 -0.73 0.00	23.48 -0.83 0.00	23.78 -0.63 0.00	22.61 -0.49 0.00	22.97 -0.49 0.00	23.41 -0.65 0.00	25.56 -1.04 0.00	21.87 -1.18 0.00	-9.19 -1.15 31.10	16.83 -0.85 0.00	12.78 -0.64 0.00	-0.40 -0.41 7.80	-8.50 -0.76 21.04
NEG NORTH___ALICE_FALLS 23915	24.32 -0.47 0.00	23.28 -0.70 0.00	20.59 -0.57 0.00	19.70 -0.51 0.00	22.78 -0.39 0.00	24.60 -0.40 0.00	28.21 -0.37 0.00	28.16 -0.52 0.00	24.91 -0.35 0.00	22.69 -0.23 0.00	27.57 -0.51 0.00	23.75 -0.51 0.00	23.73 -0.58 0.00	24.00 -0.42 0.00	22.84 -0.25 0.00	23.20 -0.26 0.00	23.67 -0.38 0.00	25.88 -0.72 0.00	22.17 -0.88 0.00	-7.67 -0.51 30.23	17.10 -0.58 0.00	12.96 -0.46 0.00	0.00 -0.23 7.58	-7.58 -0.43 20.46
NEG NORTH___LWR_SARANAC 23913	24.32 -0.47 0.00	23.28 -0.70 0.00	20.59 -0.57 0.00	19.70 -0.51 0.00	22.78 -0.39 0.00	24.60 -0.40 0.00	28.21 -0.37 0.00	28.16 -0.52 0.00	24.91 -0.35 0.00	22.69 -0.23 0.00	27.57 -0.51 0.00	23.75 -0.51 0.00	23.73 -0.58 0.00	24.00 -0.42 0.00	22.84 -0.25 0.00	23.20 -0.26 0.00	23.67 -0.38 0.00	25.88 -0.72 0.00	22.17 -0.88 0.00	-7.67 -0.51 30.23	17.10 -0.58 0.00	12.96 -0.46 0.00	0.00 -0.23 7.58	-7.58 -0.43 20.46
NEG NORTH___PLATTSBURG 23628	24.32 -0.47 0.00	23.28 -0.70 0.00	20.59 -0.57 0.00	19.70 -0.50 0.00	22.78 -0.39 0.00	24.59 -0.40 0.00	28.21 -0.37 0.00	28.17 -0.52 0.00	24.94 -0.33 0.00	22.69 -0.23 0.00	27.57 -0.50 0.00	23.75 -0.51 0.00	23.73 -0.58 0.00	24.00 -0.42 0.00	22.84 -0.25 0.00	23.20 -0.26 0.00	23.67 -0.39 0.00	25.88 -0.72 0.00	22.17 -0.88 0.00	-7.67 -0.51 30.23	17.10 -0.58 0.00	12.96 -0.46 0.00	0.00 -0.23 7.58	-7.58 -0.43 20.46
NEG WEST_LEA_LOCKPORT 23791	28.05 -1.21 -4.47	26.44 -1.01 -3.47	23.92 -1.02 -3.77	23.16 -0.93 -3.88	25.16 -1.25 -3.24	27.25 -1.27 -3.53	34.23 -1.71 -7.36	35.03 -2.07 -8.41	30.14 -1.79 -6.67	28.14 -1.56 -6.78	28.35 -1.85 -2.13	25.21 -1.55 -2.50	25.17 -1.46 -2.32	25.15 -1.51 -2.25	24.52 -1.48 -2.90	25.30 -1.55 -3.39	27.02 -1.66 -4.62	31.98 -1.70 -7.08	28.10 -1.34 -6.38	27.83 -1.45 -6.21	23.55 -1.06 -6.92	19.74 -0.72 -7.04	15.03 -0.32 -7.55	18.61 -0.43 -5.74
NEG WEST___LANCASTR 23811	27.93 -1.69 -4.82	26.28 -1.44 -3.75	23.85 -1.38 -4.06	23.10 -1.29 -4.19	25.02 -1.65 -3.49	27.10 -1.70 -3.80	34.38 -2.14 -7.94	35.49 -2.35 -9.16	30.41 -2.12 -7.27	28.29 -1.95 -7.31	28.12 -2.27 -2.31	25.02 -1.94 -2.69	24.94 -1.87 -2.51	24.89 -1.95 -2.42	24.31 -1.92 -3.13	25.16 -1.99 -3.69	27.14 -1.95 -5.03	32.43 -1.89 -7.72	28.30 -1.71 -6.96	27.85 -1.91 -6.70	23.72 -1.43 -7.47	20.01 -1.01 -7.59	15.45 -0.50 -8.14	18.73 -0.76 -6.19
NEG_PENN_ALLEGHNY 23528	32.54 0.15 -7.60	30.07 0.19 -5.90	27.72 0.15 -6.40	26.95 0.14 -6.60	28.79 0.12 -5.50	31.17 0.18 -5.99	41.32 0.23 -12.51	44.82 0.23 -15.91	38.04 0.15 -12.62	34.58 0.09 -11.56	32.23 0.20 -3.95	28.67 0.15 -4.26	28.42 0.15 -3.96	28.35 0.10 -3.83	28.11 0.07 -4.94	29.98 0.12 -6.40	32.98 0.19 -8.73	40.25 0.29 -13.35	35.36 0.28 -12.03	33.85 0.23 -10.56	29.62 0.18 -11.76	25.52 0.13 -11.96	20.72 0.09 -12.83	23.23 0.19 -9.75
NEG___GEN_MONROE 24207	28.46 -0.40 -4.07	26.85 -0.29 -3.16	24.26 -0.34 -3.43	23.44 -0.30 -3.54	25.68 -0.44 -2.95	27.76 -0.45 -3.21	34.74 -0.54 -6.70	36.48 -0.77 -8.57	31.38 -0.68 -6.80	28.50 -0.60 -6.17	29.50 -0.70 -2.13	25.90 -0.63 -2.27	25.84 -0.58 -2.11	25.83 -0.63 -2.04	25.11 -0.62 -2.64	26.28 -0.63 -3.45	28.06 -0.70 -4.70	33.23 -0.59 -7.22	29.14 -0.41 -6.50	28.24 -0.48 -5.66	23.65 -0.34 -6.30	19.61 -0.21 -6.41	14.62 -0.06 -6.87	18.48 -0.04 -5.22
NEPA___ENERGY 23901	28.75 -0.92 -4.88	27.07 -0.70 -3.79	24.55 -0.72 -4.11	23.78 -0.67 -4.24	25.78 -0.93 -3.53	27.94 -0.90 -3.85	35.35 -1.26 -8.03	36.45 -1.55 -9.32	31.24 -1.42 -7.39	29.03 -1.28 -7.39	28.97 -1.46 -2.35	25.77 -1.21 -2.72	25.70 -1.14 -2.53	25.65 -1.22 -2.45	25.01 -1.25 -3.16	25.90 -1.31 -3.75	27.83 -1.35 -5.11	33.23 -1.22 -7.85	29.04 -1.08 -7.07	28.62 -1.22 -6.78	24.32 -0.92 -7.55	20.50 -0.60 -7.68	15.78 -0.26 -8.24	19.22 -0.33 -6.26
NEVERSINK___HYD 23608	43.76 1.19 -17.78	38.97 1.17 -13.82	37.19 1.04 -14.98	36.63 0.97 -15.45	37.17 1.11 -12.88	40.23 1.20 -14.03	59.26 1.40 -29.28	67.73 1.58 -37.47	56.20 1.21 -29.72	50.91 1.01 -26.98	38.69 1.32 -9.30	35.34 1.14 -9.94	34.65 1.09 -9.24	34.38 1.03 -8.94	35.60 0.97 -11.53	39.62 1.08 -15.08	45.87 1.25 -20.56	59.64 1.49 -31.55	52.69 1.22 -28.42	48.91 1.13 -24.71	46.07 0.85 -27.53	42.05 0.63 -28.00	38.20 0.36 -30.04	36.74 0.63 -22.82
NEWKRMKL_115KV_TB1 55635	50.23 0.97 -24.47	43.93 0.94 -19.02	42.59 0.80 -20.62	42.24 0.77 -21.26	41.78 0.88 -17.73	45.30 1.00 -19.31	69.91 1.03 -40.30	81.11 0.89 -51.54	67.03 0.88 -40.87	60.90 0.87 -37.10	41.79 0.93 -12.79	38.75 0.82 -13.67	37.87 0.85 -12.71	37.66 0.95 -12.29	39.84 0.88 -15.86	45.00 0.80 -20.74	53.10 0.77 -28.27	70.87 0.85 -43.42	62.93 0.76 -39.12	57.81 0.74 -34.01	56.09 0.51 -37.89	52.34 0.39 -38.54	49.38 0.23 -41.34	45.08 0.39 -31.40
NEWTON___FALLS_HYD 23847	25.52 -0.30 -1.03	24.41 -0.36 -0.80	21.71 -0.32 -0.86	20.75 -0.34 -0.89	23.61 -0.30 -0.74	25.48 -0.32 -0.81	29.90 -0.37 -1.69	30.54 -0.32 -2.18	26.74 -0.25 -1.73	24.19 -0.30 -1.57	28.17 -0.45 -0.54	24.38 -0.46 -0.58	24.31 -0.53 -0.54	24.45 -0.49 -0.52	23.35 -0.42 -0.67	23.87 -0.47 -0.88	24.77 -0.48 -1.19	27.89 -0.53 -1.82	24.20 -0.48 -1.64	27.15 -0.48 -4.57	18.95 -0.32 -1.59	14.81 -0.23 -1.61	10.18 -0.15 -2.52	16.41 -0.33 -3.44
NGRID_A1_DSASP 323792	27.59 -1.71 -4.51	25.99 -1.49 -3.50	23.52 -1.44 -3.80	22.79 -1.33 -3.92	24.72 -1.71 -3.27	26.78 -1.77 -3.56	33.66 -2.34 -7.42	34.16 -2.81 -8.29	29.49 -2.35 -6.57	27.75 -2.06 -6.89	27.69 -2.50 -2.11	24.79 -2.01 -2.54	24.75 -1.92 -2.36	24.75 -1.95 -2.28	24.08 -1.96 -2.95	24.78 -2.02 -3.34	26.42 -2.19 -4.55	31.17 -2.34 -6.92	27.44 -1.84 -6.23	27.39 -1.94 -6.27	23.21 -1.45 -6.98	19.53 -0.99 -7.10	14.93 -0.46 -7.59	18.43 -0.64 -5.77

NGRID_A2_DSASP 323793	27.59 -1.71 -4.51	25.99 -1.49 -3.50	23.52 -1.44 -3.80	22.79 -1.33 -3.92	24.72 -1.71 -3.27	26.78 -1.77 -3.56	33.66 -2.34 -7.42	34.16 -2.81 -8.29	29.49 -2.35 -6.57	27.75 -2.06 -6.89	27.69 -2.50 -2.11	24.79 -2.01 -2.54	24.75 -1.92 -2.36	24.75 -1.95 -2.28	24.08 -1.96 -2.95	24.78 -2.02 -3.34	26.42 -2.19 -4.55	31.17 -2.34 -6.92	27.44 -1.84 -6.23	27.39 -1.94 -6.27	23.21 -1.45 -6.98	19.53 -0.99 -7.10	14.93 -0.46 -7.59	18.43 -0.64 -5.77
NGRID_A4_DSASP 323807	27.59 -1.71 -4.51	25.99 -1.49 -3.50	23.52 -1.44 -3.80	22.79 -1.33 -3.92	24.72 -1.71 -3.27	26.78 -1.77 -3.56	33.66 -2.34 -7.42	34.16 -2.81 -8.29	29.49 -2.35 -6.57	27.75 -2.06 -6.89	27.69 -2.50 -2.11	24.79 -2.01 -2.54	24.75 -1.92 -2.36	24.75 -1.95 -2.28	24.08 -1.96 -2.95	24.78 -2.02 -3.34	26.42 -2.19 -4.55	31.17 -2.34 -6.92	27.44 -1.84 -6.23	27.39 -1.94 -6.27	23.21 -1.45 -6.98	19.53 -0.99 -7.10	14.93 -0.46 -7.59	18.43 -0.64 -5.77
NIAGARA_115E_LBMP 323715	27.77 -1.54 -4.51	26.16 -1.32 -3.51	23.68 -1.29 -3.80	22.94 -1.19 -3.92	24.89 -1.55 -3.27	26.96 -1.60 -3.56	33.87 -2.14 -7.43	34.57 -2.55 -8.44	29.82 -2.15 -6.70	27.94 -1.88 -6.90	27.94 -2.27 -2.14	24.91 -1.89 -2.54	24.90 -1.77 -2.36	24.87 -1.83 -2.29	24.25 -1.80 -2.95	25.01 -1.85 -3.40	26.70 -2.00 -4.63	31.51 -2.13 -7.04	27.74 -1.66 -6.35	27.56 -1.78 -6.27	23.36 -1.31 -6.99	19.63 -0.90 -7.11	15.01 -0.41 -7.62	18.53 -0.56 -5.79
NIAGARA_115W_LBMP 323714	27.51 -1.79 -4.50	25.92 -1.56 -3.50	23.46 -1.50 -3.80	22.73 -1.39 -3.91	24.67 -1.76 -3.26	26.70 -1.85 -3.55	33.57 -2.43 -7.42	34.08 -2.87 -8.26	29.40 -2.43 -6.56	27.70 -2.11 -6.89	27.60 -2.58 -2.10	24.71 -2.09 -2.54	24.68 -1.99 -2.36	24.70 -2.00 -2.28	24.03 -2.01 -2.94	24.70 -2.09 -3.33	26.36 -2.24 -4.54	31.07 -2.42 -6.90	27.35 -1.91 -6.21	27.32 -2.01 -6.26	23.17 -1.49 -6.98	19.48 -1.03 -7.09	14.90 -0.48 -7.58	18.40 -0.66 -5.76
NIAGARA_230_LBMP 323716	27.85 -1.41 -4.47	26.26 -1.20 -3.48	23.75 -1.18 -3.77	23.00 -1.09 -3.89	25.00 -1.41 -3.24	27.05 -1.47 -3.53	33.95 -2.00 -7.37	34.33 -2.41 -8.06	29.64 -2.02 -6.40	28.00 -1.76 -6.84	28.00 -2.13 -2.06	25.04 -1.75 -2.52	25.00 -1.65 -2.34	25.00 -1.68 -2.27	24.36 -1.66 -2.93	25.00 -1.71 -3.25	26.63 -1.85 -4.43	31.33 -2.00 -6.73	27.57 -1.54 -6.06	27.65 -1.64 -6.22	23.39 -1.22 -6.93	19.65 -0.82 -7.05	15.00 -0.37 -7.56	18.56 -0.48 -5.74
NIAGARA__115KV_198_GIBSON 55903	27.51 -1.79 -4.50	25.92 -1.56 -3.50	23.46 -1.50 -3.80	22.73 -1.39 -3.91	24.67 -1.76 -3.26	26.70 -1.85 -3.55	33.57 -2.43 -7.42	34.06 -2.81 -8.19	29.34 -2.43 -6.49	27.64 -2.11 -6.83	27.60 -2.55 -2.08	24.69 -2.09 -2.52	24.66 -1.99 -2.34	24.65 -2.03 -2.26	23.99 -2.03 -2.92	24.67 -2.09 -3.30	26.32 -2.24 -4.49	31.10 -2.39 -6.90	27.35 -1.91 -6.21	27.30 -2.03 -6.26	23.17 -1.49 -6.98	19.48 -1.03 -7.09	14.90 -0.48 -7.58	18.37 -0.69 -5.76
NIAGARA____ 23760	27.88 -1.41 -4.50	26.28 -1.20 -3.50	23.77 -1.18 -3.79	23.03 -1.09 -3.91	25.02 -1.41 -3.26	27.07 -1.47 -3.55	33.99 -2.00 -7.41	34.48 -2.41 -8.21	29.76 -2.02 -6.51	28.03 -1.76 -6.87	28.03 -2.13 -2.09	25.05 -1.75 -2.53	25.01 -1.65 -2.35	25.01 -1.68 -2.28	24.37 -1.66 -2.94	25.06 -1.71 -3.31	26.71 -1.85 -4.51	31.45 -2.00 -6.84	27.68 -1.54 -6.17	27.67 -1.64 -6.24	23.42 -1.22 -6.96	19.68 -0.82 -7.08	15.03 -0.37 -7.59	18.59 -0.48 -5.77
NINE_MILE_1 23575	26.81 -0.67 -2.68	25.42 -0.65 -2.09	22.86 -0.57 -2.26	21.99 -0.54 -2.33	24.47 -0.65 -1.94	26.39 -0.73 -2.12	32.17 -0.83 -4.42	33.56 -0.83 -5.71	29.04 -0.76 -4.53	26.35 -0.69 -4.11	28.68 -0.82 -1.42	25.05 -0.73 -1.51	25.01 -0.71 -1.41	25.05 -0.73 -1.36	24.18 -0.67 -1.76	25.08 -0.68 -2.30	26.52 -0.67 -3.13	30.65 -0.72 -4.76	26.77 -0.58 -4.29	26.27 -0.53 -3.73	21.45 -0.39 -4.16	17.35 -0.30 -4.23	12.17 -0.17 -4.53	16.48 -0.27 -3.44
NINE_MILE_2 23744	26.80 -0.67 -2.67	25.43 -0.62 -2.08	22.85 -0.57 -2.25	21.99 -0.54 -2.32	24.46 -0.65 -1.94	26.38 -0.73 -2.11	32.16 -0.83 -4.41	33.54 -0.83 -5.69	29.02 -0.76 -4.51	26.33 -0.69 -4.10	28.67 -0.82 -1.41	25.04 -0.73 -1.51	25.01 -0.71 -1.40	25.07 -0.71 -1.36	24.18 -0.67 -1.75	25.07 -0.68 -2.29	26.51 -0.67 -3.12	30.63 -0.72 -4.75	26.75 -0.58 -4.28	26.25 -0.53 -3.72	21.44 -0.39 -4.14	17.34 -0.30 -4.21	12.15 -0.17 -4.52	16.46 -0.27 -3.43
NM_CAPITAL____DRP 24208	50.20 1.02 -24.39	43.92 0.98 -18.96	42.59 0.87 -20.56	42.23 0.83 -21.20	41.77 0.93 -17.67	45.30 1.05 -19.25	69.87 1.11 -40.18	81.07 1.00 -51.38	66.98 0.96 -40.75	60.86 0.94 -36.99	41.84 1.01 -12.75	38.79 0.90 -13.63	37.91 0.92 -12.67	37.67 1.00 -12.26	39.84 0.92 -15.82	45.01 0.87 -20.68	53.09 0.84 -28.19	70.82 0.93 -43.29	62.88 0.83 -39.00	57.76 0.78 -33.91	56.03 0.57 -37.78	52.26 0.42 -38.42	49.28 0.26 -41.22	45.04 0.44 -31.31
NM_CENTRAL____DRP 24181	27.92 -0.20 -3.32	26.39 -0.17 -2.58	23.82 -0.15 -2.80	22.95 -0.14 -2.89	25.37 -0.21 -2.41	27.39 -0.22 -2.62	33.85 -0.20 -5.47	35.48 -0.20 -7.00	30.62 -0.20 -5.55	27.76 -0.21 -5.04	29.59 -0.22 -1.74	25.90 -0.22 -1.86	25.84 -0.19 -1.73	25.87 -0.22 -1.67	25.04 -0.21 -2.16	26.09 -0.19 -2.82	27.76 -0.14 -3.84	32.42 -0.08 -5.90	28.34 -0.02 -5.31	27.69 0.00 -4.62	22.85 0.02 -5.15	18.65 0.00 -5.23	13.42 0.00 -5.62	17.58 0.01 -4.27
NM_FRONTIER____DRP 24179	27.51 -1.79 -4.50	25.92 -1.56 -3.50	23.46 -1.50 -3.80	22.73 -1.39 -3.91	24.67 -1.76 -3.26	26.70 -1.85 -3.55	33.57 -2.43 -7.42	34.06 -2.81 -8.19	29.34 -2.43 -6.49	27.64 -2.11 -6.83	27.60 -2.55 -2.08	24.69 -2.09 -2.52	24.66 -1.99 -2.34	24.65 -2.03 -2.26	23.99 -2.03 -2.92	24.67 -2.09 -3.30	26.32 -2.24 -4.49	31.10 -2.39 -6.90	27.35 -1.91 -6.21	27.30 -2.03 -6.26	23.17 -1.49 -6.98	19.48 -1.03 -7.09	14.90 -0.48 -7.58	18.37 -0.69 -5.76
NM_ST_REGIS____HYD 24053	24.98 -0.32 -0.51	23.94 -0.43 -0.40	21.24 -0.36 -0.43	20.31 -0.34 -0.45	23.27 -0.28 -0.37	25.02 -0.37 -0.40	28.85 -0.57 -0.84	29.21 -0.57 -1.10	25.79 -0.35 -0.87	23.39 -0.32 -0.79	27.84 -0.51 -0.27	24.14 -0.41 -0.29	24.12 -0.46 -0.27	24.29 -0.39 -0.26	23.14 -0.30 -0.34	23.46 -0.45 -0.44	24.01 -0.65 -0.60	26.68 -0.82 -0.91	23.06 -0.81 -0.82	30.72 -0.81 -8.46	17.95 -0.53 -0.79	13.92 -0.31 -0.81	10.41 -0.20 -2.81	18.75 -0.45 -5.90
NORTHPORT____1 23551	52.89 2.48 -25.62	46.58 2.49 -20.12	42.92 2.20 -19.55	42.89 2.12 -20.56	40.54 2.39 -14.98	47.64 2.65 -20.00	74.09 2.94 -42.57	88.28 3.13 -56.47	60.69 2.73 -32.69	54.69 2.11 -29.66	41.02 2.72 -10.22	37.54 2.35 -10.92	37.10 2.55 -10.24	36.74 2.47 -9.86	38.10 2.29 -12.72	43.57 2.37 -17.74	61.15 2.53 -34.57	74.71 2.77 -45.35	64.95 2.37 -39.52	62.13 2.28 -36.78	60.96 1.71 -41.56	58.89 1.30 -44.17	41.66 0.81 -33.04	39.69 1.30 -25.09
NORTHPORT____2 23552	52.89 2.48 -25.62	46.58 2.49 -20.12	42.92 2.20 -19.55	42.89 2.12 -20.56	40.54 2.39 -14.98	47.64 2.65 -20.00	74.09 2.94 -42.57	88.28 3.13 -56.47	60.69 2.73 -32.69	54.69 2.11 -29.66	41.02 2.72 -10.22	37.54 2.35 -10.92	37.10 2.55 -10.24	36.74 2.47 -9.86	38.10 2.29 -12.72	43.57 2.37 -17.74	61.15 2.53 -34.57	74.71 2.77 -45.35	64.95 2.37 -39.52	62.13 2.28 -36.78	60.96 1.71 -41.56	58.89 1.30 -44.17	41.66 0.81 -33.04	39.69 1.30 -25.09

NORTHPORT___3 23553	52.15 1.76 -25.59	45.87 1.80 -20.09	42.11 1.61 -19.34	42.24 1.53 -20.50	39.83 1.74 -14.92	46.60 1.92 -19.68	73.36 2.26 -42.52	87.50 2.41 -56.40	59.98 2.02 -32.69	54.14 1.56 -29.66	40.46 2.16 -10.22	37.06 1.87 -10.92	36.60 2.07 -10.23	36.28 2.00 -9.86	37.64 1.82 -12.72	43.06 1.85 -17.74	60.36 1.73 -34.57	73.86 1.92 -45.34	64.20 1.64 -39.51	61.38 1.55 -36.77	60.36 1.11 -41.56	58.51 0.93 -44.17	41.46 0.62 -33.04	39.38 1.00 -25.09
NORTHPORT___4 23650	52.15 1.76 -25.59	45.87 1.80 -20.09	42.11 1.61 -19.34	42.24 1.53 -20.50	39.83 1.74 -14.92	46.60 1.92 -19.68	73.36 2.26 -42.52	87.50 2.41 -56.40	59.98 2.02 -32.69	54.14 1.56 -29.66	40.46 2.16 -10.22	37.06 1.87 -10.92	36.60 2.07 -10.23	36.28 2.00 -9.86	37.64 1.82 -12.72	43.06 1.85 -17.74	60.36 1.73 -34.57	73.86 1.92 -45.34	64.20 1.64 -39.51	61.38 1.55 -36.77	60.36 1.11 -41.56	58.51 0.93 -44.17	41.46 0.62 -33.04	39.38 1.00 -25.09
NORTHPORT___IC 23718	52.89 2.48 -25.62	46.58 2.49 -20.12	42.92 2.20 -19.55	42.89 2.12 -20.56	40.54 2.39 -14.98	47.64 2.65 -20.00	74.09 2.94 -42.57	88.28 3.13 -56.47	60.69 2.73 -32.69	54.69 2.11 -29.66	41.02 2.72 -10.22	37.54 2.35 -10.92	37.10 2.55 -10.24	36.74 2.47 -9.86	38.10 2.29 -12.72	43.57 2.37 -17.74	61.15 2.53 -34.57	74.71 2.77 -45.35	64.95 2.37 -39.52	62.13 2.28 -36.78	60.96 1.71 -41.56	58.89 1.30 -44.17	41.66 0.81 -33.04	39.69 1.30 -25.09
NORTH___COUNTRY_ESR 323785	24.02 -0.77 0.00	23.04 -0.94 0.00	20.38 -0.78 0.00	19.52 -0.69 0.00	22.50 -0.67 0.00	24.30 -0.70 0.00	27.81 -0.77 0.00	27.74 -0.95 0.00	24.51 -0.76 0.00	22.35 -0.57 0.00	27.21 -0.87 0.00	23.46 -0.80 0.00	23.41 -0.90 0.00	23.71 -0.71 0.00	22.54 -0.55 0.00	22.90 -0.56 0.00	23.31 -0.75 0.00	25.46 -1.14 0.00	21.80 -1.25 0.00	-9.30 -1.25 31.12	16.76 -0.92 0.00	12.72 -0.70 0.00	-0.43 -0.44 7.80	-8.56 -0.80 21.06
NPX_GEN_1385_PROXY 323591	53.46 3.05 -25.62	47.23 3.14 -20.12	44.78 2.82 -20.80	44.51 2.71 -21.60	47.33 3.06 -21.10	64.00 3.37 -35.63	77.15 3.77 -44.80	89.00 3.84 -56.47	61.37 3.41 -32.69	55.06 2.48 -29.66	41.02 2.72 -10.22	37.54 2.35 -10.92	37.10 2.55 -10.24	36.74 2.47 -9.86	38.10 2.29 -12.72	43.60 2.39 -17.74	61.15 2.53 -34.57	74.74 2.79 -45.35	64.95 2.37 -39.52	62.13 2.28 -36.78	60.96 1.71 -41.56	58.87 1.29 -44.17	41.71 0.87 -33.04	39.79 1.41 -25.09
NPX_GEN_CSC 323557	53.19 2.83 -25.57	46.88 2.80 -20.10	43.75 2.43 -20.15	43.24 2.36 -20.67	40.97 2.66 -15.13	48.83 2.95 -20.89	74.47 3.40 -42.49	88.66 3.61 -56.36	61.04 3.08 -32.69	54.94 2.36 -29.66	41.39 3.09 -10.22	37.81 2.62 -10.92	37.38 2.82 -10.25	37.02 2.73 -9.87	38.41 2.59 -12.73	43.97 2.77 -17.74	61.66 3.03 -34.57	75.38 3.43 -45.35	65.52 2.95 -39.52	62.68 2.84 -36.78	61.33 2.09 -41.56	59.17 1.58 -44.17	41.79 0.94 -33.04	39.89 1.50 -25.09
NSINS_S_GLNS_FALLS 23858	50.95 1.14 -25.02	44.45 1.03 -19.44	43.16 0.91 -21.08	42.79 0.85 -21.74	42.29 1.00 -18.12	45.91 1.17 -19.74	71.35 1.57 -41.20	82.89 1.52 -52.69	68.32 1.26 -41.79	61.82 0.96 -37.94	42.30 1.15 -13.07	39.04 0.80 -13.97	38.13 0.83 -13.00	37.79 0.81 -12.57	40.13 0.81 -16.22	45.65 0.99 -21.21	54.12 1.15 -28.91	72.38 1.38 -44.40	64.27 1.22 -39.99	59.06 1.22 -34.77	57.33 0.90 -38.74	53.50 0.68 -39.40	50.44 0.37 -42.27	45.97 0.57 -32.11
NUCOR_STEEL___DRP 24197	28.90 0.12 -3.99	27.24 0.17 -3.10	24.65 0.13 -3.36	23.77 0.10 -3.46	26.13 0.07 -2.89	28.24 0.10 -3.15	35.32 0.17 -6.56	37.31 0.23 -8.40	32.05 0.13 -6.66	29.06 0.09 -6.05	30.27 0.11 -2.08	26.54 0.05 -2.23	26.45 0.07 -2.07	26.47 0.05 -2.00	25.73 0.05 -2.58	26.93 0.09 -3.38	28.83 0.17 -4.61	33.94 0.27 -7.07	29.72 0.30 -6.37	28.91 0.30 -5.54	24.10 0.25 -6.17	19.87 0.17 -6.28	14.63 0.09 -6.73	18.58 0.17 -5.12
NUMBER_THREE_WT_PWR 323818	26.35 0.17 -1.39	25.17 0.12 -1.08	22.42 0.08 -1.17	21.45 0.04 -1.20	24.27 0.09 -1.00	26.27 0.18 -1.09	31.29 0.43 -2.28	31.93 0.52 -2.73	27.79 0.35 -2.16	25.07 0.18 -1.96	28.92 0.17 -0.68	24.96 -0.02 -0.72	24.86 -0.12 -0.67	24.97 -0.10 -0.65	23.87 -0.07 -0.84	24.56 0.00 -1.10	25.75 0.19 -1.50	29.30 0.24 -2.46	25.50 0.23 -2.22	26.59 0.21 -3.31	19.99 0.16 -2.15	15.64 0.04 -2.18	10.51 0.02 -2.69	15.97 -0.05 -2.73
NYISO_LBMP_REFERENCE 24008	24.79 0.00 0.00	23.98 0.00 0.00	21.16 0.00 0.00	20.21 0.00 0.00	23.17 0.00 0.00	25.00 0.00 0.00	28.58 0.00 0.00	28.68 0.00 0.00	25.27 0.00 0.00	22.92 0.00 0.00	28.08 0.00 0.00	24.26 0.00 0.00	24.31 0.00 0.00	24.42 0.00 0.00	23.10 0.00 0.00	23.46 0.00 0.00	24.06 0.00 0.00	26.60 0.00 0.00	23.05 0.00 0.00	23.07 0.00 0.00	17.68 0.00 0.00	13.42 0.00 0.00	7.80 0.00 0.00	13.30 0.00 0.00
NYPA_BRENTWD____GT 24164	53.01 2.70 -25.52	46.74 2.68 -20.08	44.40 2.35 -20.88	43.28 2.26 -20.81	41.05 2.55 -15.32	49.79 2.82 -21.97	74.24 3.26 -42.40	88.32 3.41 -56.23	60.91 2.95 -32.69	54.87 2.29 -29.66	41.30 3.01 -10.22	37.76 2.57 -10.92	37.33 2.75 -10.27	36.96 2.66 -9.88	38.33 2.50 -12.74	43.83 2.63 -17.74	61.44 2.81 -34.57	75.09 3.14 -45.35	65.27 2.70 -39.52	62.45 2.61 -36.78	61.19 1.95 -41.56	59.06 1.48 -44.17	41.74 0.89 -33.04	39.82 1.44 -25.09
NYPA_GOWANUS____GT5 24156	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.59 1.72 -41.19	59.37 1.44 -32.67	53.95 1.38 -29.65	40.32 2.02 -10.22	37.05 1.87 -10.92	36.34 1.87 -10.16	36.05 1.81 -9.82	37.46 1.69 -12.68	41.70 1.67 -16.58	48.36 1.71 -22.60	63.12 1.83 -34.69	55.88 1.59 -31.25	51.71 1.48 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
NYPA_GOWANUS____GT6 24157	45.95 1.61 -19.54	40.77 1.61 -15.19	39.03 1.40 -16.47	38.52 1.33 -16.98	38.86 1.53 -14.16	41.97 1.55 -15.42	62.26 1.49 -32.19	71.59 1.72 -41.19	59.37 1.44 -32.67	53.95 1.38 -29.65	40.32 2.02 -10.22	37.05 1.87 -10.92	36.34 1.87 -10.16	36.05 1.81 -9.82	37.46 1.69 -12.68	41.70 1.67 -16.58	48.36 1.71 -22.60	63.12 1.83 -34.69	55.88 1.59 -31.25	51.71 1.48 -27.17	48.96 1.01 -30.27	45.05 0.85 -30.78	41.34 0.52 -33.02	39.37 0.98 -25.09
NYPA_HARLEM__RVR__GT1 24160	45.88 1.54 -19.55	40.69 1.54 -15.18	38.96 1.33 -16.46	38.53 1.33 -16.99	38.85 1.51 -14.17	41.78 1.37 -15.42	62.05 1.29 -32.18	71.38 1.52 -41.18	59.27 1.34 -32.66	53.85 1.28 -29.65	40.17 1.88 -10.21	37.00 1.82 -10.91	36.26 1.80 -10.15	35.97 1.73 -9.82	37.36 1.59 -12.67	41.58 1.55 -16.57	48.23 1.59 -22.59	62.95 1.68 -34.68	55.76 1.48 -31.24	51.61 1.38 -27.16	48.90 0.95 -30.26	44.94 0.75 -30.77	41.28 0.45 -33.02	39.37 0.98 -25.09
NYPA_HARLEM__RVR__GT2 24161	45.88 1.54 -19.55	40.69 1.54 -15.18	38.96 1.33 -16.46	38.53 1.33 -16.99	38.85 1.51 -14.17	41.78 1.37 -15.42	62.05 1.29 -32.18	71.38 1.52 -41.18	59.27 1.34 -32.66	53.85 1.28 -29.65	40.17 1.88 -10.21	37.00 1.82 -10.91	36.26 1.80 -10.15	35.97 1.73 -9.82	37.36 1.59 -12.67	41.58 1.55 -16.57	48.23 1.59 -22.59	62.95 1.68 -34.68	55.76 1.48 -31.24	51.61 1.38 -27.16	48.90 0.95 -30.26	44.94 0.75 -30.77	41.28 0.45 -33.02	39.37 0.98 -25.09

NYPA_KENT____GT 24152	45.90 1.56 -19.54	40.72 1.56 -15.19	39.01 1.37 -16.47	38.50 1.31 -16.98	38.82 1.48 -14.16	41.94 1.52 -15.42	62.28 1.51 -32.19	71.59 1.72 -41.19	59.40 1.46 -32.67	53.97 1.40 -29.65	40.32 2.02 -10.22	37.08 1.89 -10.92	36.34 1.87 -10.16	36.05 1.81 -9.82	37.46 1.69 -12.68	41.70 1.67 -16.58	48.36 1.71 -22.60	63.12 1.83 -34.69	55.88 1.59 -31.25	51.73 1.50 -27.17	48.98 1.03 -30.27	45.05 0.85 -30.78	41.33 0.51 -33.02	39.36 0.97 -25.09
NYPA_POUCH1____GT 24155	45.90 1.56 -19.54	40.72 1.56 -15.19	39.01 1.37 -16.47	38.50 1.31 -16.98	38.82 1.48 -14.16	41.92 1.50 -15.42	62.11 1.34 -32.18	71.41 1.55 -41.18	59.22 1.29 -32.66	53.81 1.24 -29.65	40.21 1.91 -10.22	36.98 1.80 -10.92	36.24 1.77 -10.16	35.95 1.71 -9.82	37.39 1.62 -12.68	41.61 1.57 -16.58	48.25 1.59 -22.60	63.01 1.73 -34.69	55.77 1.48 -31.25	51.62 1.38 -27.17	48.89 0.94 -30.27	45.01 0.81 -30.78	41.32 0.49 -33.02	39.35 0.96 -25.09
NYPA_VERNON____GT2 24162	45.87 1.54 -19.54	40.68 1.51 -15.19	38.97 1.33 -16.47	38.48 1.29 -16.98	38.79 1.46 -14.16	41.94 1.52 -15.42	62.34 1.57 -32.19	71.65 1.78 -41.19	59.45 1.52 -32.67	54.02 1.44 -29.65	40.34 2.05 -10.22	37.08 1.89 -10.92	36.34 1.87 -10.16	36.05 1.81 -9.82	37.46 1.69 -12.68	41.70 1.67 -16.58	48.39 1.73 -22.60	63.12 1.83 -34.69	55.88 1.59 -31.25	51.73 1.50 -27.17	49.00 1.04 -30.27	45.03 0.83 -30.78	41.33 0.50 -33.02	39.33 0.94 -25.09
NYPA_VERNON____GT3 24163	45.87 1.54 -19.54	40.68 1.51 -15.19	38.97 1.33 -16.47	38.48 1.29 -16.98	38.79 1.46 -14.16	41.94 1.52 -15.42	62.34 1.57 -32.19	71.65 1.78 -41.19	59.45 1.52 -32.67	54.02 1.44 -29.65	40.34 2.05 -10.22	37.08 1.89 -10.92	36.34 1.87 -10.16	36.05 1.81 -9.82	37.46 1.69 -12.68	41.70 1.67 -16.58	48.39 1.73 -22.60	63.12 1.83 -34.69	55.88 1.59 -31.25	51.73 1.50 -27.17	49.00 1.04 -30.27	45.03 0.83 -30.78	41.33 0.50 -33.02	39.33 0.94 -25.09
NYPA__ASTORIA_CC1 323568	45.87 1.54 -19.54	40.68 1.51 -15.19	38.97 1.33 -16.47	38.48 1.29 -16.98	38.79 1.46 -14.16	41.92 1.50 -15.42	62.28 1.51 -32.19	71.59 1.72 -41.19	59.40 1.46 -32.67	53.97 1.40 -29.65	40.32 2.02 -10.22	37.05 1.87 -10.92	36.32 1.85 -10.16	36.02 1.78 -9.82	37.44 1.66 -12.68	41.68 1.64 -16.58	48.36 1.71 -22.60	63.07 1.78 -34.69	55.84 1.54 -31.25	51.71 1.48 -27.17	48.98 1.03 -30.27	45.02 0.82 -30.78	41.32 0.49 -33.02	39.33 0.94 -25.09
NYPA__ASTORIA_CC2 323569	45.87 1.54 -19.54	40.68 1.51 -15.19	38.97 1.33 -16.47	38.48 1.29 -16.98	38.79 1.46 -14.16	41.92 1.50 -15.42	62.28 1.51 -32.19	71.59 1.72 -41.19	59.40 1.46 -32.67	53.97 1.40 -29.65	40.32 2.02 -10.22	37.05 1.87 -10.92	36.32 1.85 -10.16	36.02 1.78 -9.82	37.44 1.66 -12.68	41.68 1.64 -16.58	48.36 1.71 -22.60	63.07 1.78 -34.69	55.84 1.54 -31.25	51.71 1.48 -27.17	48.98 1.03 -30.27	45.02 0.82 -30.78	41.32 0.49 -33.02	39.33 0.94 -25.09
NYPA__HOLTSVILL 23794	52.97 2.60 -25.58	46.67 2.59 -20.10	43.53 2.27 -20.10	43.05 2.18 -20.66	40.75 2.46 -15.12	48.53 2.72 -20.81	74.20 3.12 -42.50	88.35 3.30 -56.37	60.81 2.85 -32.69	54.78 2.20 -29.66	41.19 2.89 -10.22	37.66 2.48 -10.92	37.21 2.65 -10.25	36.85 2.56 -9.87	38.23 2.40 -12.73	43.76 2.56 -17.74	61.37 2.74 -34.57	75.03 3.08 -45.35	65.22 2.65 -39.52	62.40 2.56 -36.78	61.12 1.87 -41.56	59.01 1.42 -44.17	41.71 0.87 -33.04	39.77 1.38 -25.09
NYPA____HELLGATE_GT1 24158	45.86 1.51 -19.55	40.64 1.49 -15.18	38.94 1.31 -16.46	38.51 1.31 -16.99	38.82 1.48 -14.17	41.76 1.35 -15.42	61.99 1.23 -32.18	71.35 1.49 -41.18	59.27 1.34 -32.66	53.85 1.28 -29.65	40.20 1.91 -10.21	37.02 1.84 -10.91	36.29 1.82 -10.15	35.99 1.76 -9.82	37.36 1.59 -12.67	41.58 1.55 -16.57	48.26 1.61 -22.59	62.98 1.70 -34.68	55.76 1.48 -31.24	51.61 1.38 -27.16	48.90 0.95 -30.26	44.93 0.74 -30.77	41.27 0.44 -33.02	39.37 0.98 -25.09
NYPA____HELLGATE_GT2 24159	45.86 1.51 -19.55	40.64 1.49 -15.18	38.94 1.31 -16.46	38.51 1.31 -16.99	38.82 1.48 -14.17	41.76 1.35 -15.42	61.99 1.23 -32.18	71.35 1.49 -41.18	59.27 1.34 -32.66	53.85 1.28 -29.65	40.20 1.91 -10.21	37.02 1.84 -10.91	36.29 1.82 -10.15	35.99 1.76 -9.82	37.36 1.59 -12.67	41.58 1.55 -16.57	48.26 1.61 -22.59	62.98 1.70 -34.68	55.76 1.48 -31.24	51.61 1.38 -27.16	48.90 0.95 -30.26	44.93 0.74 -30.77	41.27 0.44 -33.02	39.37 0.98 -25.09
NYS_BARGE__HYD 23848	28.03 -1.21 -4.45	26.43 -1.01 -3.46	23.90 -1.02 -3.75	23.14 -0.93 -3.87	25.17 -1.23 -3.22	27.23 -1.27 -3.51	34.20 -1.71 -7.33	35.08 -2.09 -8.50	30.24 -1.77 -6.74	28.19 -1.54 -6.81	28.37 -1.85 -2.15	25.24 -1.53 -2.51	25.21 -1.43 -2.33	25.18 -1.49 -2.25	24.53 -1.48 -2.91	25.36 -1.52 -3.42	27.09 -1.64 -4.66	31.99 -1.70 -7.09	28.12 -1.31 -6.39	27.84 -1.41 -6.19	23.53 -1.04 -6.89	19.72 -0.71 -7.01	15.00 -0.32 -7.52	18.61 -0.40 -5.71
OAK ORCHARD__HYD 24046	28.37 -0.47 -4.05	26.74 -0.38 -3.15	24.16 -0.42 -3.41	23.34 -0.38 -3.52	25.60 -0.51 -2.93	27.67 -0.53 -3.20	34.62 -0.63 -6.67	36.47 -0.83 -8.62	31.39 -0.71 -6.83	28.53 -0.60 -6.20	29.51 -0.70 -2.14	25.94 -0.61 -2.28	25.85 -0.58 -2.13	25.91 -0.56 -2.06	25.20 -0.55 -2.65	26.39 -0.54 -3.47	28.19 -0.60 -4.73	33.26 -0.53 -7.19	29.16 -0.37 -6.48	28.30 -0.39 -5.63	23.67 -0.28 -6.27	19.60 -0.20 -6.38	14.57 -0.08 -6.84	18.45 -0.04 -5.20
OAKDALE__35_KV_LOAD 356122	32.45 0.10 -7.56	29.99 0.14 -5.87	27.64 0.11 -6.37	26.87 0.10 -6.57	28.72 0.07 -5.48	31.08 0.12 -5.96	41.17 0.14 -12.45	44.59 0.14 -15.76	37.84 0.08 -12.50	34.41 0.02 -11.46	32.10 0.11 -3.92	28.56 0.07 -4.22	28.33 0.10 -3.93	28.26 0.05 -3.80	28.02 0.02 -4.90	29.85 0.05 -6.34	32.83 0.12 -8.65	40.09 0.21 -13.28	35.20 0.18 -11.96	33.73 0.16 -10.51	29.49 0.11 -11.70	25.42 0.09 -11.90	20.64 0.06 -12.77	23.14 0.15 -9.70
OCC_CHEM__DRP 24175	27.59 -1.71 -4.51	25.99 -1.49 -3.50	23.52 -1.44 -3.80	22.79 -1.33 -3.92	24.72 -1.71 -3.27	26.78 -1.77 -3.56	33.66 -2.34 -7.42	34.17 -2.72 -8.21	29.43 -2.35 -6.51	27.69 -2.06 -6.84	27.69 -2.47 -2.09	24.77 -2.01 -2.52	24.73 -1.92 -2.34	24.70 -1.98 -2.26	24.06 -1.96 -2.92	24.75 -2.02 -3.31	26.38 -2.19 -4.51	31.20 -2.31 -6.92	27.44 -1.84 -6.23	27.37 -1.96 -6.27	23.21 -1.45 -6.98	19.53 -0.99 -7.10	14.93 -0.46 -7.59	18.41 -0.65 -5.77
OH_GEN_PROXY 24063	27.90 -1.36 -4.47	26.30 -1.15 -3.48	23.79 -1.14 -3.77	23.04 -1.05 -3.89	25.02 -1.39 -3.24	27.10 -1.42 -3.53	34.00 -1.94 -7.36	35.50 -2.32 -9.14	30.55 -1.97 -7.25	28.04 -1.72 -6.84	28.31 -2.05 -2.28	25.08 -1.70 -2.52	25.05 -1.61 -2.34	25.05 -1.64 -2.27	24.40 -1.62 -2.92	25.48 -1.67 -3.68	27.27 -1.80 -5.02	32.32 -1.92 -7.64	28.43 -1.50 -6.88	27.69 -1.59 -6.22	23.44 -1.17 -6.92	19.67 -0.79 -7.04	15.01 -0.35 -7.56	18.57 -0.47 -5.74
OLIN_CORP_DRP 24177	27.83 -1.49 -4.53	26.22 -1.27 -3.52	23.73 -1.25 -3.82	22.99 -1.15 -3.94	24.95 -1.51 -3.28	26.99 -1.57 -3.57	33.98 -2.06 -7.46	34.63 -2.44 -8.39	29.82 -2.10 -6.65	27.96 -1.83 -6.87	28.01 -2.19 -2.13	24.95 -1.84 -2.53	24.94 -1.73 -2.35	24.89 -1.81 -2.28	24.28 -1.76 -2.94	25.03 -1.81 -3.38	26.71 -1.95 -4.60	31.62 -2.05 -7.07	27.80 -1.61 -6.37	27.63 -1.73 -6.29	23.42 -1.27 -7.01	19.68 -0.87 -7.13	15.05 -0.41 -7.65	18.55 -0.56 -5.81

OLIN_CORP_DSASP 323712	27.59 -1.71 -4.51	25.99 -1.49 -3.50	23.52 -1.44 -3.80	22.79 -1.33 -3.92	24.72 -1.71 -3.27	26.78 -1.77 -3.56	33.66 -2.34 -7.42	34.16 -2.81 -8.29	29.49 -2.35 -6.57	27.75 -2.06 -6.89	27.69 -2.50 -2.11	24.79 -2.01 -2.54	24.75 -1.92 -2.36	24.75 -1.95 -2.28	24.08 -1.96 -2.95	24.78 -2.02 -3.34	26.42 -2.19 -4.55	31.17 -2.34 -6.92	27.44 -1.84 -6.23	27.39 -1.94 -6.27	23.21 -1.45 -6.98	19.53 -0.99 -7.10	14.93 -0.46 -7.59	18.43 -0.64 -5.77
ONEIDA_HERK_LFGE 323681	26.51 0.52 -1.20	25.36 0.45 -0.93	22.58 0.40 -1.01	21.59 0.34 -1.04	24.46 0.42 -0.87	26.47 0.53 -0.95	31.36 0.80 -1.98	31.82 0.89 -2.24	27.73 0.68 -1.78	25.06 0.53 -1.62	29.28 0.65 -0.56	25.25 0.39 -0.60	25.18 0.32 -0.55	25.29 0.34 -0.54	24.14 0.35 -0.69	24.76 0.40 -0.90	25.87 0.58 -1.23	29.34 0.61 -2.13	25.52 0.55 -1.92	25.90 0.51 -2.33	19.92 0.37 -1.86	15.53 0.21 -1.89	10.13 0.12 -2.20	15.46 0.16 -2.00
ONEIDA___115KV_TB4 55905	27.63 0.77 -2.07	26.33 0.74 -1.61	23.54 0.63 -1.74	22.57 0.57 -1.80	25.34 0.67 -1.50	27.40 0.77 -1.63	33.10 1.11 -3.41	34.33 1.29 -4.36	29.74 1.01 -3.46	26.86 0.80 -3.14	30.17 1.01 -1.08	26.12 0.70 -1.16	26.04 0.66 -1.08	26.12 0.66 -1.04	25.09 0.65 -1.34	25.94 0.73 -1.75	27.37 0.91 -2.39	31.18 0.90 -3.67	27.17 0.81 -3.31	26.73 0.78 -2.88	21.47 0.58 -3.21	17.05 0.38 -3.26	11.51 0.21 -3.50	16.32 0.37 -2.66
ONONDAGA_REF_OCCRA 23987	28.45 -0.07 -3.73	26.80 -0.07 -2.90	24.25 -0.06 -3.15	23.37 -0.08 -3.24	25.76 -0.12 -2.70	27.82 -0.12 -2.94	34.67 -0.06 -6.15	36.48 -0.06 -7.86	31.43 -0.08 -6.23	28.49 -0.09 -5.66	29.94 -0.08 -1.95	26.25 -0.10 -2.08	26.18 -0.07 -1.94	26.19 -0.10 -1.87	25.42 -0.09 -2.42	26.56 -0.07 -3.16	28.35 -0.02 -4.31	33.27 0.05 -6.62	29.11 0.09 -5.97	28.35 0.09 -5.19	23.55 0.09 -5.78	19.35 0.05 -5.88	14.13 0.02 -6.30	18.14 0.05 -4.79
ONONDAGA___COGEN 23986	28.36 -0.05 -3.62	26.76 -0.02 -2.81	24.19 -0.02 -3.05	23.31 -0.04 -3.14	25.72 -0.07 -2.62	27.77 -0.07 -2.85	34.51 -0.03 -5.96	36.41 0.11 -7.62	31.36 0.05 -6.04	28.43 0.02 -5.49	30.02 0.06 -1.89	26.28 0.00 -2.02	26.21 0.02 -1.88	26.23 0.00 -1.82	25.44 0.00 -2.35	26.58 0.05 -3.07	28.33 0.10 -4.18	33.18 0.16 -6.42	29.02 0.18 -5.78	28.30 0.21 -5.03	23.46 0.18 -5.60	19.24 0.12 -5.70	13.98 0.06 -6.11	18.06 0.12 -4.64
ONTARIO___LFGE 23819	29.20 -0.02 -4.43	27.44 0.02 -3.44	24.88 -0.02 -3.73	24.06 0.00 -3.85	26.34 -0.05 -3.21	28.52 0.03 -3.50	35.99 0.11 -7.30	38.21 0.14 -9.39	32.74 0.03 -7.45	29.69 -0.02 -6.79	30.43 0.03 -2.33	26.72 -0.05 -2.50	26.61 -0.02 -2.33	26.59 -0.07 -2.25	25.91 -0.09 -2.90	27.19 -0.05 -3.78	29.26 0.05 -5.15	34.63 0.21 -7.82	30.35 0.25 -7.05	29.41 0.18 -6.16	24.68 0.14 -6.86	20.49 0.09 -6.98	15.34 0.06 -7.48	19.13 0.15 -5.68
ORANGEVILLE_WT_PWR 323706	28.86 -1.02 -5.08	27.11 -0.82 -3.95	24.64 -0.80 -4.28	23.88 -0.75 -4.42	25.86 -1.00 -3.68	28.01 -1.00 -4.01	35.52 -1.43 -8.37	36.92 -1.66 -9.91	31.66 -1.47 -7.86	29.42 -1.26 -7.76	29.08 -1.49 -2.49	25.86 -1.26 -2.86	25.75 -1.21 -2.66	25.72 -1.27 -2.57	25.12 -1.29 -3.32	26.12 -1.34 -3.99	28.13 -1.37 -5.44	33.31 -1.57 -8.28	29.36 -1.15 -7.46	28.86 -1.27 -7.06	24.62 -0.94 -7.87	20.78 -0.64 -8.00	16.09 -0.30 -8.59	19.43 -0.39 -6.52
ORANGEVILLE___ESR 323794	28.86 -1.02 -5.08	27.11 -0.82 -3.95	24.64 -0.80 -4.28	23.88 -0.75 -4.42	25.86 -1.00 -3.68	28.01 -1.00 -4.01	35.52 -1.43 -8.37	36.92 -1.66 -9.91	31.66 -1.47 -7.86	29.42 -1.26 -7.76	29.08 -1.49 -2.49	25.86 -1.26 -2.86	25.75 -1.21 -2.66	25.72 -1.27 -2.57	25.12 -1.29 -3.32	26.12 -1.34 -3.99	28.13 -1.37 -5.44	33.31 -1.57 -8.28	29.36 -1.15 -7.46	28.86 -1.27 -7.06	24.62 -0.94 -7.87	20.78 -0.64 -8.00	16.09 -0.30 -8.59	19.43 -0.39 -6.52
OSWEGATCHIE___HYD 24044	25.52 -0.30 -1.03	24.41 -0.36 -0.80	21.71 -0.32 -0.86	20.75 -0.34 -0.89	23.61 -0.30 -0.74	25.48 -0.33 -0.81	29.90 -0.37 -1.69	30.47 -0.29 -2.07	26.66 -0.25 -1.64	24.11 -0.30 -1.49	28.14 -0.45 -0.51	24.35 -0.46 -0.55	24.29 -0.53 -0.51	24.42 -0.49 -0.49	23.32 -0.42 -0.64	23.83 -0.47 -0.83	24.71 -0.48 -1.14	27.89 -0.53 -1.82	24.20 -0.49 -1.64	27.14 -0.49 -4.56	18.95 -0.32 -1.59	14.81 -0.23 -1.61	10.18 -0.15 -2.52	16.38 -0.36 -3.44
OSWEGO___5 23606	27.33 -0.47 -3.01	25.88 -0.43 -2.34	23.32 -0.38 -2.53	22.46 -0.36 -2.61	24.89 -0.46 -2.18	26.87 -0.50 -2.37	32.96 -0.57 -4.95	34.51 -0.57 -6.40	29.84 -0.51 -5.08	27.05 -0.48 -4.61	29.10 -0.56 -1.59	25.45 -0.51 -1.70	25.40 -0.49 -1.58	25.43 -0.51 -1.53	24.58 -0.49 -1.97	25.57 -0.47 -2.58	27.11 -0.46 -3.51	31.48 -0.45 -5.34	27.49 -0.37 -4.81	26.92 -0.32 -4.18	22.11 -0.23 -4.66	17.98 -0.17 -4.74	12.78 -0.10 -5.08	17.00 -0.16 -3.86
OSWEGO___6 23613	27.33 -0.47 -3.01	25.88 -0.43 -2.34	23.32 -0.38 -2.53	22.46 -0.36 -2.61	24.89 -0.46 -2.18	26.87 -0.50 -2.37	32.96 -0.57 -4.95	34.51 -0.57 -6.40	29.84 -0.51 -5.08	27.05 -0.48 -4.61	29.10 -0.56 -1.59	25.45 -0.51 -1.70	25.40 -0.49 -1.58	25.43 -0.51 -1.53	24.58 -0.49 -1.97	25.57 -0.47 -2.58	27.11 -0.46 -3.51	31.48 -0.45 -5.34	27.49 -0.37 -4.81	26.92 -0.32 -4.18	22.11 -0.23 -4.66	17.98 -0.17 -4.74	12.78 -0.10 -5.08	17.00 -0.16 -3.86
OUTOKUMPU-AB___DRP 24206	28.20 -1.14 -4.55	26.60 -0.91 -3.54	24.07 -0.93 -3.83	23.29 -0.87 -3.95	25.31 -1.16 -3.30	27.39 -1.20 -3.59	34.47 -1.60 -7.49	35.19 -1.95 -8.46	30.31 -1.67 -6.71	28.35 -1.47 -6.90	28.48 -1.74 -2.15	25.37 -1.43 -2.54	25.34 -1.34 -2.36	25.29 -1.42 -2.29	24.64 -1.41 -2.95	25.42 -1.45 -3.41	27.14 -1.56 -4.64	32.13 -1.60 -7.13	28.23 -1.24 -6.42	28.01 -1.38 -6.32	23.70 -1.03 -7.05	19.90 -0.68 -7.17	15.18 -0.30 -7.67	18.73 -0.40 -5.83
OXBOW___ 24026	27.96 -1.36 -4.53	26.37 -1.13 -3.52	23.84 -1.14 -3.82	23.09 -1.05 -3.94	25.09 -1.37 -3.28	27.15 -1.42 -3.57	34.12 -1.91 -7.46	34.77 -2.32 -8.42	30.00 -1.95 -6.68	28.15 -1.70 -6.93	28.16 -2.05 -2.14	25.16 -1.65 -2.55	25.13 -1.56 -2.37	25.12 -1.59 -2.29	24.44 -1.62 -2.96	25.19 -1.67 -3.39	26.87 -1.80 -4.62	31.71 -1.92 -7.02	27.88 -1.50 -6.33	27.77 -1.59 -6.30	23.51 -1.18 -7.01	19.75 -0.80 -7.13	15.07 -0.37 -7.63	18.63 -0.47 -5.80
OXY_CHEM_DSASP 323612	27.59 -1.71 -4.51	25.99 -1.49 -3.50	23.52 -1.44 -3.80	22.79 -1.33 -3.92	24.72 -1.71 -3.27	26.78 -1.77 -3.56	33.66 -2.34 -7.42	34.17 -2.72 -8.21	29.43 -2.35 -6.51	27.69 -2.06 -6.84	27.69 -2.47 -2.09	24.77 -2.01 -2.52	24.73 -1.92 -2.34	24.70 -1.98 -2.26	24.06 -1.96 -2.92	24.75 -2.02 -3.31	26.38 -2.19 -4.51	31.20 -2.31 -6.92	27.44 -1.84 -6.23	27.37 -1.96 -6.27	23.21 -1.45 -6.98	19.53 -0.99 -7.10	14.93 -0.46 -7.59	18.41 -0.65 -5.77
OZONE_PARK_ESR 323760	45.87 1.54 -19.54	40.70 1.53 -15.19	38.97 1.33 -16.47	38.48 1.29 -16.98	38.79 1.46 -14.16	42.04 1.62 -15.42	62.60 1.83 -32.19	71.91 2.07 -41.16	59.66 1.74 -32.65	54.19 1.63 -29.64	40.51 2.22 -10.21	37.22 2.04 -10.92	36.48 2.02 -10.15	36.19 1.95 -9.82	37.59 1.82 -12.67	41.83 1.81 -16.57	48.52 1.88 -22.58	63.41 2.13 -34.68	56.07 1.77 -31.24	51.91 1.68 -27.16	49.12 1.17 -30.27	45.13 0.93 -30.78	41.36 0.54 -33.02	39.33 0.96 -25.08

PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	27.59 -1.71 -4.51	25.99 -1.49 -3.50	23.52 -1.44 -3.80	22.79 -1.33 -3.92	24.72 -1.71 -3.27	26.78 -1.77 -3.56	33.66 -2.34 -7.42	34.17 -2.72 -8.21	29.43 -2.35 -6.51	27.69 -2.06 -6.84	27.69 -2.47 -2.09	24.77 -2.01 -2.52	24.73 -1.92 -2.34	24.70 -1.98 -2.26	24.06 -1.96 -2.92	24.75 -2.02 -3.31	26.38 -2.19 -4.51	31.20 -2.31 -6.92	27.44 -1.84 -6.23	27.37 -1.96 -6.27	23.21 -1.45 -6.98	19.53 -0.99 -7.10	14.93 -0.46 -7.59	18.41 -0.65 -5.77
PACKARD__115KV_DUPONT_184 80571	27.59 -1.71 -4.51	25.99 -1.49 -3.50	23.52 -1.44 -3.80	22.79 -1.33 -3.92	24.72 -1.71 -3.27	26.78 -1.77 -3.56	33.66 -2.34 -7.42	34.17 -2.72 -8.21	29.43 -2.35 -6.51	27.69 -2.06 -6.84	27.69 -2.47 -2.09	24.77 -2.01 -2.52	24.73 -1.92 -2.34	24.70 -1.98 -2.26	24.06 -1.96 -2.92	24.75 -2.02 -3.31	26.38 -2.19 -4.51	31.20 -2.31 -6.92	27.44 -1.84 -6.23	27.37 -1.96 -6.27	23.21 -1.45 -6.98	19.53 -0.99 -7.10	14.93 -0.46 -7.59	18.41 -0.65 -5.77
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	45.97 1.64 -19.54	40.80 1.63 -15.19	39.05 1.42 -16.47	38.56 1.37 -16.98	38.88 1.55 -14.16	41.89 1.47 -15.42	62.17 1.40 -32.19	71.43 1.58 -41.17	59.28 1.36 -32.65	53.84 1.28 -29.64	40.17 1.88 -10.21	36.93 1.75 -10.92	36.19 1.73 -10.15	35.92 1.68 -9.82	37.32 1.55 -12.67	41.55 1.53 -16.57	48.23 1.59 -22.58	63.01 1.73 -34.69	55.75 1.45 -31.25	51.62 1.38 -27.17	48.89 0.94 -30.27	44.95 0.75 -30.78	41.29 0.47 -33.02	39.37 0.98 -25.09
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	46.22 1.88 -19.54	41.01 1.85 -15.19	39.27 1.63 -16.47	38.77 1.58 -16.98	39.12 1.78 -14.16	42.14 1.72 -15.42	62.46 1.69 -32.19	71.74 1.89 -41.17	59.51 1.59 -32.65	54.05 1.49 -29.64	40.37 2.08 -10.21	37.10 1.92 -10.92	36.38 1.92 -10.15	36.12 1.88 -9.82	37.50 1.73 -12.67	41.77 1.74 -16.57	48.45 1.80 -22.58	63.23 1.94 -34.69	55.96 1.66 -31.25	51.82 1.59 -27.17	49.05 1.10 -30.27	45.07 0.87 -30.78	41.36 0.54 -33.02	39.50 1.12 -25.09
PATROON__115KV_TB1 80586	50.36 1.04 -24.53	44.02 0.98 -19.06	42.71 0.87 -20.67	42.35 0.83 -21.32	41.89 0.95 -17.77	45.43 1.07 -19.36	70.09 1.11 -40.40	81.32 0.98 -51.67	67.21 0.96 -40.98	61.06 0.94 -37.20	41.91 1.01 -12.82	38.84 0.87 -13.70	37.98 0.92 -12.74	37.74 1.00 -12.32	39.95 0.95 -15.90	45.12 0.87 -20.79	53.24 0.84 -28.34	71.09 0.96 -43.53	63.09 0.83 -39.22	57.97 0.81 -34.10	56.26 0.58 -37.99	52.48 0.43 -38.63	49.51 0.26 -41.44	45.20 0.43 -31.48
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	28.13 -1.41 -4.75	26.51 -1.15 -3.69	24.02 -1.14 -4.00	23.26 -1.07 -4.13	25.22 -1.39 -3.44	27.32 -1.42 -3.75	34.57 -1.83 -7.82	35.57 -2.07 -8.96	30.53 -1.84 -7.10	28.45 -1.67 -7.20	28.37 -1.97 -2.26	25.26 -1.65 -2.65	25.20 -1.58 -2.47	25.14 -1.66 -2.38	24.54 -1.64 -3.08	25.36 -1.71 -3.61	27.27 -1.71 -4.92	32.49 -1.65 -7.54	28.39 -1.45 -6.80	28.03 -1.64 -6.60	23.81 -1.22 -7.35	20.05 -0.85 -7.48	15.42 -0.41 -8.02	18.80 -0.59 -6.09
PAWLING_115_KV_BK3_REV_LBMP_H 345028	46.17 1.56 -19.82	40.94 1.56 -15.40	39.20 1.33 -16.70	38.74 1.31 -17.22	38.95 1.41 -14.36	42.21 1.57 -15.64	63.08 1.86 -32.64	72.55 2.12 -41.75	60.15 1.77 -33.11	54.54 1.56 -30.06	40.34 1.91 -10.36	36.98 1.65 -11.07	36.21 1.60 -10.30	35.94 1.56 -9.96	37.43 1.48 -12.85	41.83 1.57 -16.80	48.67 1.71 -22.90	63.80 2.02 -35.17	56.40 1.66 -31.69	52.21 1.59 -27.55	49.53 1.15 -30.70	45.52 0.89 -31.22	41.78 0.49 -33.49	39.58 0.85 -25.44
PEEKSKILL____ 23653	45.36 1.21 -19.35	40.24 1.22 -15.04	38.55 1.08 -16.31	38.07 1.05 -16.82	38.35 1.16 -14.02	41.56 1.30 -15.27	61.94 1.49 -31.87	71.12 1.66 -40.78	58.98 1.36 -32.34	53.52 1.24 -29.36	39.88 1.68 -10.12	36.61 1.53 -10.81	35.90 1.53 -10.06	35.61 1.46 -9.73	37.01 1.36 -12.55	41.26 1.38 -16.41	47.87 1.44 -22.37	62.59 1.65 -34.34	55.37 1.38 -30.94	51.25 1.29 -26.90	48.57 0.92 -29.97	44.61 0.71 -30.48	40.91 0.41 -32.69	38.87 0.74 -24.83
PGE MADISON__WINDPWR 24146	34.04 2.03 -7.22	31.52 1.94 -5.61	28.94 1.69 -6.08	28.01 1.53 -6.27	30.21 1.81 -5.23	32.84 2.15 -5.69	43.55 3.09 -11.88	46.98 3.15 -15.15	39.78 2.50 -12.01	35.92 2.02 -10.99	34.31 2.47 -3.76	30.03 1.72 -4.05	29.68 1.60 -3.76	29.62 1.56 -3.64	29.29 1.50 -4.70	31.27 1.71 -6.10	34.49 2.12 -8.31	41.73 2.42 -12.71	36.53 2.03 -11.45	34.99 1.89 -10.03	30.24 1.38 -11.17	25.67 0.89 -11.36	20.52 0.52 -12.19	23.38 0.82 -9.26
PIERCEFIELD__HYD 23852	25.10 -0.25 -0.56	24.07 -0.34 -0.44	21.36 -0.28 -0.47	20.41 -0.28 -0.49	23.37 -0.21 -0.41	25.11 -0.32 -0.44	28.93 -0.57 -0.92	29.34 -0.54 -1.20	25.92 -0.30 -0.95	23.49 -0.30 -0.87	27.90 -0.48 -0.30	24.22 -0.36 -0.32	24.22 -0.39 -0.30	24.36 -0.34 -0.29	23.19 -0.28 -0.37	23.48 -0.47 -0.48	24.07 -0.65 -0.66	26.79 -0.80 -0.99	23.18 -0.76 -0.90	27.72 -0.74 -5.39	18.09 -0.46 -0.87	14.06 -0.24 -0.88	9.76 -0.15 -2.10	16.75 -0.39 -3.84
PINELAWN_CC_1 323563	52.38 2.31 -25.29	46.28 2.30 -20.00	47.76 2.05 -24.54	43.67 1.96 -21.50	41.68 2.22 -16.28	54.86 2.45 -27.42	73.38 2.80 -42.00	87.04 2.73 -55.64	60.25 2.30 -32.69	54.32 1.74 -29.66	40.66 2.36 -10.22	37.23 2.04 -10.92	36.91 2.24 -10.37	36.40 2.05 -9.93	37.79 1.89 -12.79	43.20 1.99 -17.75	60.74 2.12 -34.57	74.32 2.37 -45.35	64.72 2.14 -39.52	61.90 2.05 -36.78	60.91 1.66 -41.56	58.87 1.29 -44.17	41.63 0.78 -33.04	39.65 1.26 -25.09
PJM_GEN_HTP_PROXY 323702	45.67 1.34 -19.54	40.51 1.34 -15.19	38.82 1.18 -16.47	38.32 1.13 -16.98	38.63 1.30 -14.16	41.87 1.45 -15.42	62.36 1.60 -32.19	71.70 1.84 -41.18	59.45 1.52 -32.66	53.99 1.42 -29.65	40.26 1.96 -10.22	36.98 1.80 -10.92	36.24 1.77 -10.16	35.97 1.73 -9.82	37.39 1.62 -12.68	41.63 1.60 -16.57	48.31 1.66 -22.59	63.09 1.81 -34.68	55.84 1.54 -31.24	51.68 1.45 -27.16	48.96 1.01 -30.26	45.00 0.81 -30.78	41.29 0.47 -33.02	39.21 0.84 -25.08
PJM_GEN_KEystone 24065	37.33 -0.02 -12.56	33.83 0.10 -9.76	31.79 0.04 -10.59	31.18 0.06 -10.92	32.25 -0.02 -9.10	34.93 0.03 -9.91	49.16 -0.11 -20.69	54.78 -0.14 -26.24	45.88 -0.20 -20.81	41.85 -0.16 -19.08	34.54 -0.06 -6.52	31.34 0.05 -7.03	30.92 0.07 -6.54	30.74 0.00 -6.32	31.21 -0.05 -8.16	33.93 -0.09 -10.56	38.19 -0.07 -14.20	48.89 0.03 -22.26	42.95 0.02 -19.88	40.43 -0.09 -17.46	37.05 -0.09 -19.45	33.19 -0.01 -19.78	29.07 0.04 -21.22	29.55 0.13 -16.12
PJM_GEN_NEPTUNE_PROXY 323594	48.57 1.81 -21.97	43.09 1.85 -17.27	37.19 1.67 -14.36	38.93 1.60 -17.13	38.59 1.81 -13.61	39.27 2.00 -12.28	67.11 2.20 -36.33	78.31 2.35 -47.28	60.02 2.07 -32.68	54.21 1.63 -29.66	40.54 2.25 -10.22	37.15 1.96 -10.92	36.55 2.14 -10.10	36.28 2.07 -9.79	37.63 1.89 -12.64	43.08 1.88 -17.74	60.60 1.97 -34.57	74.13 2.18 -45.35	64.43 1.87 -39.52	61.62 1.78 -36.77	60.54 1.29 -41.56	58.59 1.01 -44.17	41.48 0.63 -33.04	39.42 1.04 -25.09
PJM_GEN_VFT_PROXY 323633	45.55 1.21 -19.54	40.39 1.22 -15.19	38.71 1.08 -16.47	38.22 1.03 -16.98	38.51 1.18 -14.16	41.72 1.30 -15.42	62.20 1.43 -32.19	71.53 1.66 -41.19	59.30 1.36 -32.66	53.88 1.31 -29.65	40.15 1.85 -10.22	36.91 1.72 -10.92	36.17 1.70 -10.16	35.88 1.64 -9.82	37.30 1.52 -12.68	41.56 1.52 -16.57	48.19 1.54 -22.59	62.99 1.70 -34.68	55.72 1.43 -31.24	51.57 1.34 -27.16	48.87 0.92 -30.27	44.94 0.74 -30.78	41.26 0.44 -33.02	39.16 0.78 -25.08

PLATSBRG_115KV_PMLD1 355749	24.30 -0.50 0.00	23.30 -0.67 0.00	20.61 -0.55 0.00	19.74 -0.46 0.00	22.78 -0.39 0.00	24.57 -0.42 0.00	28.15 -0.43 0.00	27.94 -0.75 0.00	24.69 -0.58 0.00	22.51 -0.41 0.00	27.37 -0.70 0.00	23.61 -0.66 0.00	23.58 -0.73 0.00	23.86 -0.56 0.00	22.70 -0.39 0.00	23.09 -0.38 0.00	23.51 -0.55 0.00	25.64 -0.96 0.00	21.92 -1.13 0.00	-7.00 -1.13 28.94	16.94 -0.74 0.00	12.87 -0.55 0.00	0.19 -0.36 7.25	-6.96 -0.68 19.58
PLEASANTVLY___LBMP 24000	46.45 1.24 -20.42	41.09 1.25 -15.87	39.48 1.10 -17.21	39.00 1.05 -17.75	39.15 1.18 -14.79	42.43 1.32 -16.11	63.70 1.49 -33.63	73.33 1.63 -43.01	60.75 1.36 -34.11	55.13 1.24 -30.97	40.40 1.66 -10.67	37.15 1.48 -11.41	36.40 1.48 -10.61	36.09 1.42 -10.26	37.65 1.32 -13.24	42.13 1.36 -17.31	49.05 1.40 -23.60	64.44 1.60 -36.24	57.03 1.34 -32.65	52.70 1.25 -28.38	50.21 0.90 -31.63	46.28 0.70 -32.16	42.71 0.41 -34.50	40.22 0.72 -26.21
PLSNTVLE_13_KV_13.8KVDIST 80602	45.83 1.36 -19.67	40.61 1.34 -15.29	38.93 1.19 -16.58	38.45 1.15 -17.10	38.72 1.30 -14.25	41.99 1.47 -15.52	62.67 1.69 -32.40	71.98 1.86 -41.44	59.70 1.57 -32.86	54.18 1.42 -29.83	40.24 1.88 -10.28	36.97 1.72 -10.99	36.23 1.70 -10.22	35.94 1.64 -9.88	37.38 1.52 -12.75	41.71 1.57 -16.68	48.43 1.64 -22.73	63.37 1.86 -34.91	56.07 1.57 -31.45	51.89 1.48 -27.34	49.19 1.04 -30.47	45.22 0.82 -30.98	41.51 0.47 -33.24	39.37 0.82 -25.25
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	45.83 1.36 -19.67	40.61 1.34 -15.29	38.93 1.19 -16.58	38.45 1.15 -17.10	38.72 1.30 -14.25	41.99 1.47 -15.52	62.67 1.69 -32.40	71.98 1.86 -41.44	59.70 1.57 -32.86	54.18 1.42 -29.83	40.24 1.88 -10.28	36.97 1.72 -10.99	36.23 1.70 -10.22	35.94 1.64 -9.88	37.38 1.52 -12.75	41.71 1.57 -16.68	48.43 1.64 -22.73	63.37 1.86 -34.91	56.07 1.57 -31.45	51.89 1.48 -27.34	49.19 1.04 -30.47	45.22 0.82 -30.98	41.51 0.47 -33.24	39.37 0.82 -25.25
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	46.33 1.41 -20.13	41.01 1.39 -15.64	39.36 1.23 -16.96	38.87 1.17 -17.49	39.08 1.32 -14.58	42.33 1.45 -15.88	63.39 1.66 -33.15	72.89 1.81 -42.40	60.39 1.49 -33.63	54.75 1.31 -30.53	40.28 1.68 -10.52	36.99 1.48 -11.24	36.23 1.46 -10.46	35.95 1.42 -10.11	37.46 1.32 -13.05	41.91 1.38 -17.06	48.81 1.49 -23.26	64.05 1.73 -35.72	56.66 1.43 -32.18	52.41 1.36 -27.98	49.85 0.99 -31.17	45.89 0.76 -31.70	42.25 0.44 -34.01	39.89 0.76 -25.83
POLETTI____ 23519	45.67 1.34 -19.54	40.51 1.34 -15.19	38.82 1.19 -16.47	38.32 1.13 -16.98	38.63 1.30 -14.16	41.84 1.42 -15.42	62.34 1.57 -32.19	71.65 1.81 -41.16	59.41 1.49 -32.65	53.96 1.40 -29.64	40.25 1.97 -10.21	37.00 1.82 -10.92	36.26 1.80 -10.15	35.97 1.73 -9.82	37.38 1.62 -12.67	41.62 1.60 -16.57	48.28 1.64 -22.58	63.14 1.86 -34.68	55.84 1.54 -31.24	51.68 1.45 -27.16	48.96 1.01 -30.27	45.00 0.81 -30.78	41.29 0.47 -33.02	39.23 0.85 -25.08
POMONA___ESR 323819	44.74 1.09 -18.86	39.74 1.10 -14.66	38.06 0.99 -15.90	37.55 0.95 -16.39	37.90 1.07 -13.67	41.05 1.18 -14.88	60.96 1.32 -31.07	69.92 1.49 -39.75	57.98 1.19 -31.53	52.62 1.08 -28.62	39.43 1.49 -9.86	36.21 1.41 -10.54	35.52 1.41 -9.81	35.24 1.34 -9.48	36.56 1.22 -12.24	40.68 1.22 -16.00	47.16 1.30 -21.81	61.56 1.49 -33.47	54.45 1.24 -30.15	50.44 1.15 -26.22	47.71 0.81 -29.21	43.77 0.64 -29.71	40.05 0.38 -31.87	38.18 0.68 -24.21
PORT_JEFF_3 23555	53.04 2.68 -25.57	46.73 2.66 -20.10	43.63 2.31 -20.15	43.12 2.24 -20.67	40.83 2.53 -15.13	48.68 2.80 -20.89	74.27 3.20 -42.49	88.43 3.38 -56.36	60.86 2.90 -32.69	54.83 2.25 -29.66	41.24 2.95 -10.22	37.71 2.52 -10.92	37.28 2.72 -10.25	36.92 2.64 -9.87	38.30 2.47 -12.73	43.81 2.60 -17.74	61.44 2.81 -34.57	75.11 3.16 -45.35	65.31 2.74 -39.52	62.47 2.63 -36.78	61.17 1.93 -41.56	59.06 1.48 -44.17	41.74 0.89 -33.04	39.79 1.41 -25.09
PORT_JEFF_4 23616	53.04 2.68 -25.57	46.73 2.66 -20.10	43.63 2.31 -20.15	43.12 2.24 -20.67	40.83 2.53 -15.13	48.68 2.80 -20.89	74.27 3.20 -42.49	88.43 3.38 -56.36	60.86 2.90 -32.69	54.83 2.25 -29.66	41.24 2.95 -10.22	37.71 2.52 -10.92	37.28 2.72 -10.25	36.92 2.64 -9.87	38.30 2.47 -12.73	43.81 2.60 -17.74	61.44 2.81 -34.57	75.11 3.16 -45.35	65.31 2.74 -39.52	62.47 2.63 -36.78	61.17 1.93 -41.56	59.06 1.48 -44.17	41.74 0.89 -33.04	39.79 1.41 -25.09
PORT_JEFF_IC 23713	53.08 2.73 -25.56	46.78 2.71 -20.09	43.82 2.35 -20.31	43.17 2.26 -20.70	40.90 2.55 -15.17	48.94 2.82 -21.12	74.31 3.26 -42.47	88.45 3.44 -56.33	60.94 2.98 -32.69	54.87 2.29 -29.66	41.30 3.01 -10.22	37.76 2.57 -10.92	37.31 2.75 -10.26	36.95 2.66 -9.87	38.35 2.52 -12.73	43.88 2.67 -17.74	61.51 2.89 -34.57	75.19 3.24 -45.35	65.36 2.79 -39.52	62.54 2.70 -36.78	61.23 1.98 -41.56	59.09 1.50 -44.17	41.75 0.90 -33.04	39.82 1.44 -25.09
PPL PILGRIM_ST_GT1 24216	53.01 2.70 -25.52	46.74 2.68 -20.08	44.40 2.35 -20.88	43.28 2.26 -20.81	41.05 2.55 -15.32	49.79 2.82 -21.97	74.24 3.26 -42.40	88.32 3.41 -56.23	60.91 2.95 -32.69	54.87 2.29 -29.66	41.30 3.01 -10.22	37.76 2.57 -10.92	37.33 2.75 -10.27	36.96 2.66 -9.88	38.33 2.50 -12.74	43.83 2.63 -17.74	61.44 2.81 -34.57	75.09 3.14 -45.35	65.27 2.70 -39.52	62.45 2.61 -36.78	61.19 1.95 -41.56	59.06 1.48 -44.17	41.74 0.89 -33.04	39.82 1.44 -25.09
PPL PILGRIM_ST_GT2 24217	53.01 2.70 -25.52	46.74 2.68 -20.08	44.40 2.35 -20.88	43.28 2.26 -20.81	41.05 2.55 -15.32	49.79 2.82 -21.97	74.24 3.26 -42.40	88.32 3.41 -56.23	60.91 2.95 -32.69	54.87 2.29 -29.66	41.30 3.01 -10.22	37.76 2.57 -10.92	37.33 2.75 -10.27	36.96 2.66 -9.88	38.33 2.50 -12.74	43.83 2.63 -17.74	61.44 2.81 -34.57	75.09 3.14 -45.35	65.27 2.70 -39.52	62.45 2.61 -36.78	61.19 1.95 -41.56	59.06 1.48 -44.17	41.74 0.89 -33.04	39.82 1.44 -25.09
PPL_SHRM_GT3 24213	53.21 2.85 -25.57	46.90 2.83 -20.10	43.84 2.45 -20.22	43.25 2.36 -20.69	41.01 2.69 -15.15	48.96 2.97 -20.99	74.49 3.43 -42.48	88.67 3.64 -56.35	61.04 3.08 -32.69	54.96 2.38 -29.66	41.41 3.12 -10.22	37.81 2.62 -10.92	37.38 2.82 -10.25	37.02 2.73 -9.87	38.41 2.59 -12.73	44.00 2.79 -17.74	61.66 3.03 -34.57	75.40 3.46 -45.35	65.55 2.97 -39.52	62.70 2.86 -36.78	61.35 2.10 -41.56	59.17 1.58 -44.17	41.80 0.95 -33.04	39.89 1.50 -25.09
PPL_SHRM_GT4 24214	53.21 2.85 -25.57	46.90 2.83 -20.10	43.84 2.45 -20.22	43.25 2.36 -20.69	41.01 2.69 -15.15	48.96 2.97 -20.99	74.49 3.43 -42.48	88.67 3.64 -56.35	61.04 3.08 -32.69	54.96 2.38 -29.66	41.41 3.12 -10.22	37.81 2.62 -10.92	37.38 2.82 -10.25	37.02 2.73 -9.87	38.41 2.59 -12.73	44.00 2.79 -17.74	61.66 3.03 -34.57	75.40 3.46 -45.35	65.55 2.97 -39.52	62.70 2.86 -36.78	61.35 2.10 -41.56	59.17 1.58 -44.17	41.80 0.95 -33.04	39.89 1.50 -25.09
PROJECT___ORANGE I 24174	27.98 -0.17 -3.36	26.44 -0.14 -2.61	23.85 -0.15 -2.83	22.98 -0.14 -2.92	25.42 -0.19 -2.43	27.42 -0.22 -2.65	33.91 -0.20 -5.53	35.58 -0.17 -7.07	30.70 -0.18 -5.61	27.83 -0.18 -5.09	29.63 -0.20 -1.75	25.94 -0.19 -1.88	25.88 -0.17 -1.74	25.91 -0.20 -1.69	25.09 -0.18 -2.18	26.17 -0.14 -2.85	27.82 -0.12 -3.88	32.50 -0.05 -5.96	28.42 0.00 -5.37	27.76 0.02 -4.67	22.92 0.04 -5.20	18.72 0.01 -5.29	13.48 0.00 -5.67	17.63 0.03 -4.31

PROJECT___ORANGE 2 24166	27.98 -0.17 -3.36	26.44 -0.14 -2.61	23.85 -0.15 -2.83	22.98 -0.14 -2.92	25.42 -0.19 -2.43	27.42 -0.22 -2.65	33.91 -0.20 -5.53	35.58 -0.17 -7.07	30.70 -0.18 -5.61	27.83 -0.18 -5.09	29.63 -0.20 -1.75	25.94 -0.19 -1.88	25.88 -0.17 -1.74	25.91 -0.20 -1.69	25.09 -0.18 -2.18	26.17 -0.14 -2.85	27.82 -0.12 -3.88	32.50 -0.05 -5.96	28.42 0.00 -5.37	27.76 0.02 -4.67	22.92 0.04 -5.20	18.72 0.01 -5.29	13.48 0.00 -5.67	17.63 0.03 -4.31
PUCKETT___SOLAR 323809	33.07 0.59 -7.68	30.57 0.62 -5.97	28.15 0.51 -6.48	27.37 0.48 -6.68	29.27 0.53 -5.57	31.71 0.65 -6.06	42.12 0.89 -12.65	45.68 0.89 -16.11	38.70 0.66 -12.77	35.07 0.46 -11.70	32.64 0.56 -4.00	28.94 0.36 -4.31	28.68 0.37 -4.01	28.63 0.34 -3.87	28.44 0.35 -5.00	30.41 0.47 -6.48	33.57 0.67 -8.84	40.94 0.83 -13.52	35.97 0.74 -12.18	34.42 0.67 -10.68	30.08 0.49 -11.90	25.87 0.35 -12.10	20.99 0.20 -12.98	23.53 0.37 -9.86
PYRITES___HYD 24023	25.56 0.25 -0.52	24.50 0.12 -0.40	21.73 0.13 -0.44	20.74 0.08 -0.45	23.78 0.23 -0.38	25.61 0.20 -0.41	29.64 0.20 -0.86	30.03 0.23 -1.12	26.48 0.33 -0.89	23.95 0.23 -0.80	28.49 0.14 -0.28	24.68 0.12 -0.30	24.66 0.07 -0.28	24.81 0.12 -0.27	23.60 0.16 -0.34	23.96 0.05 -0.45	24.65 -0.02 -0.61	27.47 -0.05 -0.92	23.77 -0.12 -0.83	27.78 -0.12 -4.82	18.45 -0.04 -0.81	14.25 0.01 -0.82	9.70 -0.02 -1.91	16.58 -0.16 -3.44
QUAKERRD_115KV_BK1 80622	27.83 -0.94 -3.98	26.21 -0.86 -3.09	23.69 -0.83 -3.35	22.90 -0.77 -3.46	25.11 -0.95 -2.88	27.14 -1.00 -3.14	34.02 -1.11 -6.56	35.93 -1.20 -8.46	30.89 -1.09 -6.71	28.00 -0.96 -6.04	29.02 -1.15 -2.10	25.47 -1.02 -2.22	25.38 -1.00 -2.07	25.42 -1.00 -2.00	24.73 -0.95 -2.58	25.93 -0.94 -3.40	27.71 -0.99 -4.64	32.77 -0.96 -7.12	28.71 -0.76 -6.42	27.79 -0.81 -5.53	23.26 -0.58 -6.17	19.25 -0.44 -6.27	14.30 -0.23 -6.73	18.05 -0.36 -5.11
QUENSBRY_115KV_TB8 356137	51.01 1.19 -25.02	44.50 1.08 -19.45	43.21 0.95 -21.09	42.84 0.89 -21.75	42.35 1.04 -18.13	45.97 1.22 -19.75	71.45 1.66 -41.22	83.00 1.61 -52.71	68.44 1.36 -41.80	61.90 1.03 -37.95	42.39 1.24 -13.08	39.09 0.85 -13.98	38.16 0.85 -13.00	37.82 0.83 -12.57	40.18 0.85 -16.22	45.73 1.06 -21.21	54.20 1.23 -28.92	72.50 1.49 -44.41	64.35 1.29 -40.01	59.16 1.31 -34.78	57.41 0.97 -38.76	53.56 0.72 -39.41	50.47 0.38 -42.28	46.00 0.59 -32.12
RAMAPO___LBMP 323565	44.63 1.04 -18.80	39.64 1.05 -14.61	37.96 0.95 -15.84	37.45 0.91 -16.34	37.81 1.02 -13.62	40.98 1.15 -14.83	60.80 1.26 -30.96	69.71 1.43 -39.59	57.83 1.16 -31.40	52.48 1.05 -28.51	39.36 1.46 -9.82	36.12 1.36 -10.50	35.44 1.36 -9.77	35.15 1.29 -9.44	36.46 1.18 -12.19	40.57 1.17 -15.93	47.03 1.25 -21.72	61.45 1.49 -33.36	54.30 1.20 -30.05	50.30 1.11 -26.13	47.57 0.78 -29.11	43.64 0.62 -29.61	39.93 0.37 -31.76	38.07 0.65 -24.12
RANKINE____ 23646	28.40 -1.09 -4.70	26.76 -0.86 -3.65	24.24 -0.89 -3.96	23.48 -0.81 -4.08	25.46 -1.11 -3.41	27.58 -1.12 -3.71	34.81 -1.51 -7.74	35.69 -1.81 -8.81	30.69 -1.57 -6.99	28.65 -1.40 -7.13	28.68 -1.63 -2.23	25.51 -1.38 -2.63	25.46 -1.29 -2.44	25.41 -1.37 -2.36	24.80 -1.34 -3.05	25.60 -1.41 -3.55	27.43 -1.47 -4.84	32.53 -1.49 -7.42	28.54 -1.20 -6.69	28.26 -1.34 -6.53	23.97 -0.99 -7.28	20.15 -0.67 -7.40	15.45 -0.30 -7.94	18.93 -0.40 -6.03
RAVENSWOOD_GT2_1 24244	45.72 1.39 -19.54	40.56 1.39 -15.19	38.86 1.23 -16.47	38.36 1.17 -16.98	38.65 1.32 -14.16	41.87 1.45 -15.42	62.37 1.60 -32.19	71.68 1.84 -41.17	59.43 1.52 -32.65	53.98 1.42 -29.64	40.25 1.97 -10.21	37.00 1.82 -10.92	36.26 1.80 -10.15	35.97 1.73 -9.82	37.39 1.62 -12.67	41.65 1.62 -16.57	48.30 1.66 -22.58	63.17 1.89 -34.69	55.86 1.57 -31.25	51.71 1.48 -27.17	48.98 1.03 -30.27	45.02 0.82 -30.78	41.30 0.48 -33.02	39.24 0.86 -25.08
RAVENSWOOD_GT2_2 24245	45.72 1.39 -19.54	40.56 1.39 -15.19	38.86 1.23 -16.47	38.36 1.17 -16.98	38.65 1.32 -14.16	41.87 1.45 -15.42	62.37 1.60 -32.19	71.68 1.84 -41.17	59.43 1.52 -32.65	53.98 1.42 -29.64	40.25 1.97 -10.21	37.00 1.82 -10.92	36.26 1.80 -10.15	35.97 1.73 -9.82	37.39 1.62 -12.67	41.65 1.62 -16.57	48.30 1.66 -22.58	63.17 1.89 -34.69	55.86 1.57 -31.25	51.71 1.48 -27.17	48.98 1.03 -30.27	45.02 0.82 -30.78	41.30 0.48 -33.02	39.24 0.86 -25.08
RAVENSWOOD_GT2_3 24246	45.75 1.41 -19.54	40.56 1.39 -15.19	38.86 1.23 -16.47	38.38 1.19 -16.98	38.68 1.34 -14.16	41.89 1.47 -15.42	62.40 1.63 -32.19	71.68 1.84 -41.17	59.46 1.54 -32.65	54.00 1.44 -29.64	40.28 1.99 -10.21	37.00 1.82 -10.92	36.29 1.82 -10.15	35.99 1.76 -9.82	37.41 1.64 -12.67	41.67 1.64 -16.57	48.33 1.68 -22.58	63.17 1.89 -34.69	55.86 1.57 -31.25	51.71 1.48 -27.17	49.00 1.04 -30.27	45.02 0.82 -30.78	41.31 0.48 -33.02	39.24 0.86 -25.08
RAVENSWOOD_GT2_4 24247	45.75 1.41 -19.54	40.56 1.39 -15.19	38.86 1.23 -16.47	38.38 1.19 -16.98	38.68 1.34 -14.16	41.89 1.47 -15.42	62.40 1.63 -32.19	71.68 1.84 -41.17	59.46 1.54 -32.65	54.00 1.44 -29.64	40.28 1.99 -10.21	37.00 1.82 -10.92	36.29 1.82 -10.15	35.99 1.76 -9.82	37.41 1.64 -12.67	41.67 1.64 -16.57	48.33 1.68 -22.58	63.17 1.89 -34.69	55.86 1.57 -31.25	51.71 1.48 -27.17	49.00 1.04 -30.27	45.02 0.82 -30.78	41.31 0.48 -33.02	39.24 0.86 -25.08
RAVENSWOOD_GT3_1 24248	45.72 1.39 -19.54	40.56 1.39 -15.19	38.86 1.23 -16.47	38.36 1.17 -16.98	38.65 1.32 -14.16	41.87 1.45 -15.42	62.37 1.60 -32.19	71.68 1.84 -41.17	59.46 1.54 -32.65	53.98 1.42 -29.64	40.25 1.97 -10.21	37.00 1.82 -10.92	36.26 1.80 -10.15	35.97 1.73 -9.82	37.39 1.62 -12.67	41.65 1.62 -16.57	48.30 1.66 -22.58	63.17 1.89 -34.69	55.86 1.57 -31.25	51.71 1.48 -27.17	48.98 1.03 -30.27	45.02 0.82 -30.78	41.30 0.48 -33.02	39.24 0.86 -25.08
RAVENSWOOD_GT3_2 24249	45.72 1.39 -19.54	40.56 1.39 -15.19	38.86 1.23 -16.47	38.36 1.17 -16.98	38.65 1.32 -14.16	41.87 1.45 -15.42	62.37 1.60 -32.19	71.68 1.84 -41.17	59.46 1.54 -32.65	53.98 1.42 -29.64	40.25 1.97 -10.21	37.00 1.82 -10.92	36.26 1.80 -10.15	35.97 1.73 -9.82	37.39 1.62 -12.67	41.65 1.62 -16.57	48.30 1.66 -22.58	63.17 1.89 -34.69	55.86 1.57 -31.25	51.71 1.48 -27.17	48.98 1.03 -30.27	45.02 0.82 -30.78	41.30 0.48 -33.02	39.24 0.86 -25.08
RAVENSWOOD_GT3_3 24250	45.75 1.41 -19.54	40.58 1.41 -15.19	38.89 1.25 -16.47	38.38 1.19 -16.98	38.70 1.37 -14.16	41.92 1.50 -15.42	62.43 1.66 -32.19	71.71 1.86 -41.17	59.48 1.57 -32.65	54.03 1.47 -29.64	40.31 2.02 -10.21	37.02 1.84 -10.92	36.31 1.85 -10.15	36.02 1.78 -9.82	37.43 1.66 -12.67	41.70 1.67 -16.57	48.35 1.71 -22.58	63.20 1.92 -34.69	55.89 1.59 -31.25	51.75 1.52 -27.17	49.01 1.06 -30.27	45.03 0.83 -30.78	41.31 0.48 -33.02	39.26 0.88 -25.08
RAVENSWOOD_GT3_4 24251	45.75 1.41 -19.54	40.58 1.41 -15.19	38.89 1.25 -16.47	38.38 1.19 -16.98	38.70 1.37 -14.16	41.92 1.50 -15.42	62.43 1.66 -32.19	71.71 1.86 -41.17	59.48 1.57 -32.65	54.03 1.47 -29.64	40.31 2.02 -10.21	37.02 1.84 -10.92	36.31 1.85 -10.15	36.02 1.78 -9.82	37.43 1.66 -12.67	41.70 1.67 -16.57	48.35 1.71 -22.58	63.20 1.92 -34.69	55.89 1.59 -31.25	51.75 1.52 -27.17	49.01 1.06 -30.27	45.03 0.83 -30.78	41.31 0.48 -33.02	39.26 0.88 -25.08

RAVENSWOOD_GT_1 23729	45.87 1.54 -19.54	40.68 1.51 -15.19	38.97 1.33 -16.47	38.48 1.29 -16.98	38.79 1.46 -14.16	41.94 1.52 -15.42	62.34 1.57 -32.19	71.63 1.78 -41.17	59.43 1.52 -32.65	54.00 1.44 -29.64	40.34 2.05 -10.21	37.07 1.89 -10.92	36.34 1.87 -10.15	36.07 1.83 -9.82	37.46 1.69 -12.67	41.72 1.69 -16.57	48.38 1.73 -22.58	63.17 1.89 -34.69	55.89 1.59 -31.25	51.75 1.52 -27.17	49.00 1.04 -30.27	45.03 0.83 -30.78	41.33 0.50 -33.02	39.33 0.94 -25.09
RAVENSWOOD_GT_10 24258	45.72 1.39 -19.54	40.56 1.39 -15.19	38.84 1.21 -16.47	38.36 1.17 -16.98	38.65 1.32 -14.16	41.87 1.45 -15.42	62.40 1.63 -32.19	71.68 1.84 -41.17	59.46 1.54 -32.65	53.98 1.42 -29.64	40.25 1.97 -10.21	37.00 1.82 -10.92	36.26 1.80 -10.15	35.97 1.73 -9.82	37.39 1.62 -12.67	41.65 1.62 -16.57	48.30 1.66 -22.58	63.17 1.89 -34.69	55.86 1.57 -31.25	51.71 1.48 -27.17	48.98 1.03 -30.27	45.02 0.82 -30.78	41.30 0.48 -33.02	39.24 0.86 -25.08
RAVENSWOOD_GT_11 24259	45.72 1.39 -19.54	40.56 1.39 -15.19	38.84 1.21 -16.47	38.36 1.17 -16.98	38.65 1.32 -14.16	41.87 1.45 -15.42	62.40 1.63 -32.19	71.68 1.84 -41.17	59.46 1.54 -32.65	53.98 1.42 -29.64	40.25 1.97 -10.21	37.00 1.82 -10.92	36.26 1.80 -10.15	35.97 1.73 -9.82	37.39 1.62 -12.67	41.65 1.62 -16.57	48.30 1.66 -22.58	63.17 1.89 -34.69	55.86 1.57 -31.25	51.71 1.48 -27.17	48.98 1.03 -30.27	45.02 0.82 -30.78	41.30 0.48 -33.02	39.24 0.86 -25.08
RAVENSWOOD_GT_4 24252	45.70 1.36 -19.54	40.53 1.37 -15.19	38.84 1.21 -16.47	38.34 1.15 -16.98	38.65 1.32 -14.16	41.87 1.45 -15.42	62.40 1.63 -32.19	71.68 1.84 -41.17	59.46 1.54 -32.65	54.00 1.44 -29.64	40.25 1.97 -10.21	37.00 1.82 -10.92	36.26 1.80 -10.15	35.97 1.73 -9.82	37.39 1.62 -12.67	41.65 1.62 -16.57	48.30 1.66 -22.58	63.17 1.89 -34.69	55.86 1.57 -31.25	51.71 1.48 -27.17	48.98 1.03 -30.27	45.02 0.82 -30.78	41.30 0.48 -33.02	39.22 0.85 -25.08
RAVENSWOOD_GT_5 24254	45.70 1.36 -19.54	40.53 1.37 -15.19	38.84 1.21 -16.47	38.34 1.15 -16.98	38.65 1.32 -14.16	41.87 1.45 -15.42	62.40 1.63 -32.19	71.68 1.84 -41.17	59.46 1.54 -32.65	54.00 1.44 -29.64	40.25 1.97 -10.21	37.00 1.82 -10.92	36.26 1.80 -10.15	35.97 1.73 -9.82	37.39 1.62 -12.67	41.65 1.62 -16.57	48.30 1.66 -22.58	63.17 1.89 -34.69	55.86 1.57 -31.25	51.71 1.48 -27.17	48.98 1.03 -30.27	45.02 0.82 -30.78	41.30 0.48 -33.02	39.22 0.85 -25.08
RAVENSWOOD_GT_6 24253	45.70 1.36 -19.54	40.53 1.37 -15.19	38.84 1.21 -16.47	38.34 1.15 -16.98	38.65 1.32 -14.16	41.87 1.45 -15.42	62.40 1.63 -32.19	71.68 1.84 -41.17	59.46 1.54 -32.65	54.00 1.44 -29.64	40.25 1.97 -10.21	37.00 1.82 -10.92	36.26 1.80 -10.15	35.97 1.73 -9.82	37.39 1.62 -12.67	41.65 1.62 -16.57	48.30 1.66 -22.58	63.17 1.89 -34.69	55.86 1.57 -31.25	51.71 1.48 -27.17	48.98 1.03 -30.27	45.02 0.82 -30.78	41.30 0.48 -33.02	39.22 0.85 -25.08
RAVENSWOOD_GT_7 24255	45.70 1.36 -19.54	40.53 1.37 -15.19	38.84 1.21 -16.47	38.34 1.15 -16.98	38.65 1.32 -14.16	41.87 1.45 -15.42	62.40 1.63 -32.19	71.68 1.84 -41.17	59.46 1.54 -32.65	54.00 1.44 -29.64	40.25 1.97 -10.21	37.00 1.82 -10.92	36.26 1.80 -10.15	35.97 1.73 -9.82	37.39 1.62 -12.67	41.65 1.62 -16.57	48.30 1.66 -22.58	63.17 1.89 -34.69	55.86 1.57 -31.25	51.71 1.48 -27.17	48.98 1.03 -30.27	45.02 0.82 -30.78	41.30 0.48 -33.02	39.22 0.85 -25.08
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	45.72 1.39 -19.54	40.56 1.39 -15.19	38.84 1.21 -16.47	38.36 1.17 -16.98	38.65 1.32 -14.16	41.87 1.45 -15.42	62.40 1.63 -32.19	71.68 1.84 -41.17	59.46 1.54 -32.65	53.98 1.42 -29.64	40.25 1.97 -10.21	37.00 1.82 -10.92	36.26 1.80 -10.15	35.97 1.73 -9.82	37.39 1.62 -12.67	41.65 1.62 -16.57	48.30 1.66 -22.58	63.17 1.89 -34.69	55.86 1.57 -31.25	51.71 1.48 -27.17	48.98 1.03 -30.27	45.02 0.82 -30.78	41.30 0.48 -33.02	39.24 0.86 -25.08
RAVENSWOOD_GT_9 24257	45.72 1.39 -19.54	40.56 1.39 -15.19	38.84 1.21 -16.47	38.36 1.17 -16.98	38.65 1.32 -14.16	41.87 1.45 -15.42	62.40 1.63 -32.19	71.68 1.84 -41.17	59.46 1.54 -32.65	53.98 1.42 -29.64	40.25 1.97 -10.21	37.00 1.82 -10.92	36.26 1.80 -10.15	35.97 1.73 -9.82	37.39 1.62 -12.67	41.65 1.62 -16.57	48.30 1.66 -22.58	63.17 1.89 -34.69	55.86 1.57 -31.25	51.71 1.48 -27.17	48.98 1.03 -30.27	45.02 0.82 -30.78	41.30 0.48 -33.02	39.24 0.86 -25.08
RAVENSWOOD___1 23533	45.85 1.51 -19.54	40.68 1.51 -15.19	38.95 1.31 -16.47	38.46 1.27 -16.98	38.77 1.44 -14.16	41.92 1.50 -15.42	62.31 1.54 -32.19	71.65 1.78 -41.19	59.43 1.49 -32.67	54.00 1.42 -29.65	40.32 2.02 -10.22	37.05 1.87 -10.92	36.34 1.87 -10.16	36.05 1.81 -9.82	37.46 1.69 -12.68	41.70 1.67 -16.58	48.36 1.71 -22.60	63.12 1.83 -34.69	55.88 1.59 -31.25	51.71 1.48 -27.17	48.98 1.03 -30.27	45.03 0.83 -30.78	41.32 0.49 -33.02	39.32 0.93 -25.09
RAVENSWOOD___2 23534	45.85 1.51 -19.54	40.65 1.49 -15.19	38.95 1.31 -16.47	38.46 1.27 -16.98	38.77 1.44 -14.16	41.92 1.50 -15.42	62.31 1.54 -32.19	71.62 1.75 -41.19	59.43 1.49 -32.67	54.00 1.42 -29.65	40.32 2.02 -10.22	37.05 1.87 -10.92	36.32 1.85 -10.16	36.05 1.81 -9.82	37.44 1.66 -12.68	41.70 1.67 -16.58	48.36 1.71 -22.60	63.12 1.83 -34.69	55.86 1.57 -31.25	51.71 1.48 -27.17	48.98 1.03 -30.27	45.02 0.82 -30.78	41.32 0.49 -33.02	39.32 0.93 -25.09
RAVENSWOOD___3 23535	45.72 1.39 -19.54	40.56 1.39 -15.19	38.86 1.23 -16.47	38.36 1.17 -16.98	38.68 1.34 -14.16	41.89 1.47 -15.42	62.40 1.63 -32.19	71.71 1.84 -41.19	59.45 1.52 -32.67	54.00 1.42 -29.65	40.26 1.96 -10.22	37.01 1.82 -10.92	36.27 1.80 -10.16	35.97 1.73 -9.82	37.39 1.62 -12.68	41.66 1.62 -16.58	48.31 1.66 -22.60	63.12 1.83 -34.69	55.86 1.57 -31.25	51.71 1.48 -27.17	48.98 1.03 -30.27	45.02 0.82 -30.78	41.30 0.48 -33.02	39.24 0.86 -25.08
RAVENSWOOD___4 23820	45.85 1.51 -19.54	40.65 1.49 -15.19	38.95 1.31 -16.47	38.44 1.25 -16.98	38.77 1.44 -14.16	41.92 1.50 -15.42	62.31 1.54 -32.19	71.62 1.75 -41.19	59.43 1.49 -32.67	54.00 1.42 -29.65	40.32 2.02 -10.22	37.05 1.87 -10.92	36.32 1.85 -10.16	36.02 1.78 -9.82	37.44 1.66 -12.68	41.68 1.64 -16.58	48.36 1.71 -22.60	63.09 1.81 -34.69	55.86 1.57 -31.25	51.71 1.48 -27.17	48.98 1.03 -30.27	45.02 0.82 -30.78	41.32 0.49 -33.02	39.32 0.93 -25.09
RCPI_TRUST___DRP 24196	45.70 1.36 -19.54	40.53 1.37 -15.19	38.84 1.21 -16.47	38.36 1.17 -16.98	38.65 1.32 -14.16	41.89 1.47 -15.42	62.42 1.66 -32.19	71.71 1.86 -41.16	59.48 1.57 -32.65	54.02 1.47 -29.64	40.28 1.99 -10.21	37.02 1.84 -10.92	36.29 1.82 -10.15	36.02 1.78 -9.82	37.41 1.64 -12.67	41.67 1.64 -16.56	48.32 1.68 -22.58	63.20 1.92 -34.68	55.88 1.59 -31.24	51.73 1.50 -27.16	48.99 1.04 -30.26	45.02 0.82 -30.78	41.30 0.48 -33.02	39.24 0.86 -25.08
RED___ROCHESTER 323720	28.48 -0.35 -4.04	26.83 -0.29 -3.14	24.23 -0.34 -3.40	23.43 -0.28 -3.51	25.68 -0.42 -2.93	27.76 -0.43 -3.19	34.75 -0.49 -6.65	36.66 -0.66 -8.64	31.57 -0.56 -6.85	28.65 -0.46 -6.19	29.68 -0.53 -2.14	26.06 -0.49 -2.28	25.99 -0.44 -2.12	26.03 -0.44 -2.05	25.30 -0.44 -2.65	26.52 -0.42 -3.48	28.32 -0.48 -4.74	33.44 -0.37 -7.21	29.34 -0.21 -6.49	28.43 -0.25 -5.62	23.76 -0.18 -6.26	19.66 -0.12 -6.36	14.59 -0.04 -6.83	18.49 0.01 -5.18

REGAN___SOLAR 323812	54.30 1.49 -28.02	47.12 1.37 -21.78	45.99 1.21 -23.62	45.67 1.11 -24.35	44.82 1.34 -20.30	48.76 1.65 -22.11	77.08 2.34 -46.15	89.93 2.21 -59.04	73.94 1.84 -46.83	66.81 1.38 -42.51	44.32 1.60 -14.65	41.09 1.16 -15.66	40.02 1.14 -14.56	39.70 1.20 -14.08	42.56 1.29 -18.17	48.75 1.52 -23.76	58.28 1.83 -32.39	78.46 2.13 -49.73	69.67 1.82 -44.80	63.88 1.87 -38.95	62.50 1.42 -43.40	58.51 0.95 -44.13	55.63 0.48 -47.34	49.99 0.73 -35.96
RENSSELAER___COGEN 23796	49.98 0.87 -24.32	43.72 0.84 -18.90	42.40 0.74 -20.50	42.03 0.69 -21.14	41.58 0.79 -17.62	45.09 0.90 -19.19	69.55 0.91 -40.06	80.70 0.77 -51.25	66.70 0.78 -40.64	60.60 0.78 -36.90	41.63 0.84 -12.71	38.61 0.75 -13.59	37.73 0.78 -12.64	37.52 0.88 -12.22	39.68 0.81 -15.77	44.81 0.73 -20.62	52.84 0.67 -28.11	70.53 0.77 -43.16	62.60 0.67 -38.88	57.52 0.64 -33.81	55.81 0.46 -37.67	52.06 0.34 -38.31	49.11 0.21 -41.09	44.87 0.36 -31.21
REPUBLIC_115KV_BARTNBRK 55605	52.04 2.23 -25.01	45.45 2.04 -19.44	44.02 1.78 -21.08	43.60 1.66 -21.74	43.24 1.95 -18.12	47.01 2.27 -19.74	72.80 3.03 -41.19	84.26 2.90 -52.68	69.53 2.48 -41.78	62.71 1.86 -37.93	43.37 2.22 -13.07	39.81 1.58 -13.97	38.88 1.58 -13.00	38.55 1.56 -12.57	40.93 1.62 -16.22	46.59 1.92 -21.20	55.15 2.19 -28.90	73.62 2.63 -44.39	65.34 2.30 -39.99	60.21 2.38 -34.77	58.24 1.82 -38.74	54.11 1.30 -39.39	50.76 0.69 -42.26	46.46 1.06 -32.10
REVERE_CPPR_DRP 24186	27.56 0.97 -1.80	26.26 0.89 -1.40	23.46 0.78 -1.51	22.45 0.69 -1.56	25.29 0.81 -1.30	27.39 0.97 -1.42	32.91 1.37 -2.96	33.99 1.52 -3.79	29.49 1.21 -3.00	26.61 0.96 -2.73	30.22 1.21 -0.94	26.09 0.82 -1.00	26.00 0.75 -0.93	26.08 0.76 -0.90	25.03 0.76 -1.17	25.85 0.87 -1.52	27.22 1.08 -2.08	30.93 1.14 -3.19	26.91 0.99 -2.87	26.51 0.95 -2.50	21.17 0.71 -2.78	16.69 0.44 -2.83	11.10 0.26 -3.04	16.03 0.43 -2.31
REYNOLDS_115KV_TB3 80639	50.22 1.09 -24.33	43.94 1.05 -18.91	42.58 0.91 -20.51	42.22 0.87 -21.15	41.80 1.00 -17.63	45.32 1.12 -19.20	69.86 1.20 -40.08	81.05 1.12 -51.25	66.98 1.06 -40.65	60.81 0.99 -36.90	41.94 1.15 -12.72	38.85 0.99 -13.59	37.97 1.02 -12.64	37.69 1.05 -12.22	39.87 0.99 -15.78	45.05 0.96 -20.63	53.09 0.91 -28.12	70.79 1.01 -43.18	62.85 0.90 -38.90	57.74 0.85 -33.82	55.99 0.62 -37.69	52.21 0.47 -38.32	49.21 0.29 -41.11	45.03 0.51 -31.23
RIVERBAY____ 323610	46.22 1.88 -19.54	41.01 1.85 -15.19	39.27 1.63 -16.47	38.77 1.58 -16.98	39.12 1.78 -14.16	42.14 1.72 -15.42	62.46 1.69 -32.19	71.74 1.89 -41.17	59.51 1.59 -32.65	54.05 1.49 -29.64	40.37 2.08 -10.21	37.10 1.92 -10.92	36.38 1.92 -10.15	36.12 1.88 -9.82	37.50 1.73 -12.67	41.77 1.74 -16.57	48.45 1.80 -22.58	63.23 1.94 -34.69	55.96 1.66 -31.25	51.82 1.59 -27.17	49.05 1.10 -30.27	45.07 0.87 -30.78	41.36 0.54 -33.02	39.50 1.12 -25.09
RIVERSDE_115KV_TB3 55908	50.20 1.02 -24.39	43.92 0.98 -18.96	42.59 0.87 -20.56	42.23 0.83 -21.20	41.77 0.93 -17.67	45.30 1.05 -19.25	69.87 1.11 -40.18	81.07 1.00 -51.38	66.98 0.96 -40.75	60.86 0.94 -36.99	41.84 1.01 -12.75	38.79 0.90 -13.63	37.91 0.92 -12.67	37.67 1.00 -12.26	39.84 0.92 -15.82	45.01 0.87 -20.68	53.09 0.84 -28.19	70.82 0.93 -43.29	62.88 0.83 -39.00	57.76 0.78 -33.91	56.03 0.57 -37.78	52.26 0.42 -38.42	49.28 0.26 -41.22	45.04 0.44 -31.31
ROARING___BROOK_WT_PWR 323790	24.00 -0.79 0.00	23.18 -0.79 0.00	20.51 -0.66 0.00	19.60 -0.61 0.00	22.55 -0.62 0.00	24.32 -0.67 0.00	27.78 -0.80 0.00	27.88 -0.80 0.00	24.59 -0.68 0.00	22.33 -0.60 0.00	27.35 -0.73 0.00	23.63 -0.63 0.00	23.68 -0.63 0.00	23.81 -0.61 0.00	22.52 -0.58 0.00	22.81 -0.66 0.00	23.27 -0.79 0.00	25.64 -0.96 0.00	22.17 -0.88 0.00	22.19 -0.88 0.00	17.01 -0.67 0.00	12.91 -0.51 0.00	7.50 -0.30 0.00	12.75 -0.55 0.00
ROCHESRG_115KV_T4 355643	28.27 -0.55 -4.03	26.62 -0.48 -3.13	24.05 -0.51 -3.39	23.26 -0.44 -3.50	25.49 -0.60 -2.92	27.55 -0.62 -3.18	34.47 -0.74 -6.63	36.32 -0.92 -8.56	31.25 -0.81 -6.79	28.34 -0.69 -6.10	29.38 -0.81 -2.12	25.81 -0.70 -2.25	25.72 -0.68 -2.09	25.76 -0.68 -2.02	25.04 -0.67 -2.61	26.25 -0.66 -3.44	28.03 -0.72 -4.69	33.14 -0.66 -7.21	29.06 -0.48 -6.49	28.13 -0.53 -5.59	23.55 -0.37 -6.23	19.50 -0.25 -6.34	14.50 -0.11 -6.80	18.34 -0.12 -5.17
ROCHESTER_9_IC 23652	28.39 -0.45 -4.04	26.76 -0.36 -3.14	24.17 -0.40 -3.40	23.35 -0.36 -3.51	25.61 -0.49 -2.93	27.68 -0.50 -3.19	34.63 -0.60 -6.65	36.49 -0.75 -8.56	31.40 -0.66 -6.79	28.47 -0.57 -6.13	29.55 -0.65 -2.12	25.94 -0.58 -2.26	25.85 -0.56 -2.10	25.89 -0.56 -2.03	25.19 -0.53 -2.62	26.39 -0.52 -3.44	28.18 -0.58 -4.69	33.33 -0.48 -7.21	29.22 -0.32 -6.49	28.29 -0.39 -5.61	23.67 -0.27 -6.26	19.59 -0.19 -6.36	14.56 -0.07 -6.83	18.41 -0.07 -5.18
ROCKVIEW_13_KV_LD 356306	45.72 1.39 -19.54	40.56 1.39 -15.19	38.86 1.23 -16.47	38.36 1.17 -16.98	38.65 1.32 -14.16	41.92 1.50 -15.42	62.51 1.74 -32.19	71.80 1.95 -41.17	59.56 1.64 -32.65	54.07 1.51 -29.64	40.31 2.02 -10.21	37.00 1.82 -10.92	36.29 1.82 -10.15	35.99 1.76 -9.82	37.41 1.64 -12.67	41.69 1.67 -16.57	48.37 1.73 -22.58	63.28 1.99 -34.69	55.95 1.66 -31.24	51.80 1.57 -27.17	49.08 1.13 -30.27	45.06 0.86 -30.78	41.32 0.50 -33.02	39.26 0.88 -25.08
ROME____115KV_TB2 80656	27.56 0.97 -1.80	26.26 0.89 -1.40	23.46 0.78 -1.51	22.45 0.69 -1.56	25.29 0.81 -1.30	27.39 0.97 -1.42	32.91 1.37 -2.96	33.99 1.52 -3.79	29.49 1.21 -3.00	26.61 0.96 -2.73	30.22 1.21 -0.94	26.09 0.82 -1.00	26.00 0.75 -0.93	26.08 0.76 -0.90	25.03 0.76 -1.17	25.85 0.87 -1.52	27.22 1.08 -2.08	30.93 1.14 -3.19	26.91 0.99 -2.87	26.51 0.95 -2.50	21.17 0.71 -2.78	16.69 0.44 -2.83	11.10 0.26 -3.04	16.03 0.43 -2.31
ROSETON___1 23587	45.30 1.17 -19.34	40.18 1.17 -15.03	38.50 1.04 -16.30	38.00 0.99 -16.81	38.30 1.11 -14.01	41.51 1.25 -15.26	61.84 1.40 -31.86	70.99 1.55 -40.76	58.86 1.26 -32.33	53.41 1.15 -29.35	39.73 1.54 -10.11	36.48 1.41 -10.81	35.77 1.41 -10.06	35.48 1.34 -9.72	36.89 1.25 -12.55	41.13 1.27 -16.40	47.74 1.32 -22.36	62.42 1.49 -34.33	55.24 1.27 -30.92	51.13 1.18 -26.89	48.49 0.85 -29.96	44.55 0.67 -30.46	40.87 0.39 -32.68	38.81 0.69 -24.82
ROSETON___2 23588	45.30 1.17 -19.34	40.18 1.17 -15.03	38.50 1.04 -16.30	38.00 0.99 -16.81	38.30 1.11 -14.01	41.51 1.25 -15.26	61.84 1.40 -31.86	70.99 1.55 -40.76	58.86 1.26 -32.33	53.41 1.15 -29.35	39.73 1.54 -10.11	36.48 1.41 -10.81	35.77 1.41 -10.06	35.48 1.34 -9.72	36.89 1.25 -12.55	41.13 1.27 -16.40	47.74 1.32 -22.36	62.42 1.49 -34.33	55.24 1.27 -30.92	51.13 1.18 -26.89	48.49 0.85 -29.96	44.55 0.67 -30.46	40.87 0.39 -32.68	38.81 0.69 -24.82
ROTTDRAM_115KV_TB3 80664	51.12 1.04 -25.29	44.64 1.01 -19.65	43.37 0.89 -21.31	43.03 0.85 -21.98	42.44 0.95 -18.32	46.03 1.07 -19.96	71.52 1.29 -41.65	83.21 1.26 -53.27	68.60 1.09 -42.25	62.21 0.94 -38.35	42.44 1.15 -13.22	39.33 0.95 -14.12	38.42 0.97 -13.14	38.07 0.95 -12.70	40.42 0.92 -16.40	45.88 0.99 -21.44	54.31 1.03 -29.22	72.65 1.17 -44.88	64.52 1.04 -40.43	59.23 1.01 -35.15	57.59 0.74 -39.16	53.81 0.56 -39.83	50.85 0.32 -42.73	46.30 0.55 -32.45

RUSSELL___1 23602	28.48 -0.35 -4.04	26.83 -0.29 -3.14	24.23 -0.34 -3.40	23.43 -0.28 -3.51	25.68 -0.42 -2.93	27.76 -0.42 -3.19	34.78 -0.46 -6.65	36.64 -0.60 -8.56	31.50 -0.56 -6.79	28.59 -0.46 -6.13	29.66 -0.53 -2.12	26.03 -0.49 -2.26	25.97 -0.44 -2.10	25.98 -0.46 -2.03	25.28 -0.44 -2.62	26.48 -0.42 -3.44	28.27 -0.48 -4.69	33.46 -0.35 -7.21	29.34 -0.21 -6.49	28.40 -0.28 -5.62	23.75 -0.19 -6.26	19.66 -0.12 -6.36	14.59 -0.04 -6.83	18.47 -0.01 -5.18
RUSSELL___2 23532	28.48 -0.35 -4.04	26.83 -0.29 -3.14	24.23 -0.34 -3.40	23.43 -0.28 -3.51	25.68 -0.42 -2.93	27.76 -0.42 -3.19	34.78 -0.46 -6.65	36.64 -0.60 -8.56	31.50 -0.56 -6.79	28.59 -0.46 -6.13	29.66 -0.53 -2.12	26.03 -0.49 -2.26	25.97 -0.44 -2.10	25.98 -0.46 -2.03	25.28 -0.44 -2.62	26.48 -0.42 -3.44	28.27 -0.48 -4.69	33.46 -0.35 -7.21	29.34 -0.21 -6.49	28.40 -0.28 -5.62	23.75 -0.19 -6.26	19.66 -0.12 -6.36	14.59 -0.04 -6.83	18.47 -0.01 -5.18
RUSSELL___3 23549	28.48 -0.35 -4.04	26.83 -0.29 -3.14	24.23 -0.34 -3.40	23.43 -0.28 -3.51	25.68 -0.42 -2.93	27.76 -0.42 -3.19	34.78 -0.46 -6.65	36.64 -0.60 -8.56	31.50 -0.56 -6.79	28.59 -0.46 -6.13	29.66 -0.53 -2.12	26.03 -0.49 -2.26	25.97 -0.44 -2.10	25.98 -0.46 -2.03	25.28 -0.44 -2.62	26.48 -0.42 -3.44	28.27 -0.48 -4.69	33.46 -0.35 -7.21	29.34 -0.21 -6.49	28.40 -0.28 -5.62	23.75 -0.19 -6.26	19.66 -0.12 -6.36	14.59 -0.04 -6.83	18.47 -0.01 -5.18
RUSSELL___4 23556	28.48 -0.35 -4.04	26.83 -0.29 -3.14	24.23 -0.34 -3.40	23.43 -0.28 -3.51	25.68 -0.42 -2.93	27.76 -0.42 -3.19	34.78 -0.46 -6.65	36.64 -0.60 -8.56	31.50 -0.56 -6.79	28.59 -0.46 -6.13	29.66 -0.53 -2.12	26.03 -0.49 -2.26	25.97 -0.44 -2.10	25.98 -0.46 -2.03	25.28 -0.44 -2.62	26.48 -0.42 -3.44	28.27 -0.48 -4.69	33.46 -0.35 -7.21	29.34 -0.21 -6.49	28.40 -0.28 -5.62	23.75 -0.19 -6.26	19.66 -0.12 -6.36	14.59 -0.04 -6.83	18.47 -0.01 -5.18
RUSSELL___STATION 23914	28.48 -0.35 -4.04	26.83 -0.29 -3.14	24.23 -0.34 -3.40	23.43 -0.28 -3.51	25.68 -0.42 -2.93	27.76 -0.42 -3.19	34.78 -0.46 -6.65	36.64 -0.60 -8.56	31.50 -0.56 -6.79	28.59 -0.46 -6.13	29.66 -0.53 -2.12	26.03 -0.49 -2.26	25.97 -0.44 -2.10	25.98 -0.46 -2.03	25.28 -0.44 -2.62	26.48 -0.42 -3.44	28.27 -0.48 -4.69	33.46 -0.35 -7.21	29.34 -0.21 -6.49	28.40 -0.28 -5.62	23.75 -0.19 -6.26	19.66 -0.12 -6.36	14.59 -0.04 -6.83	18.47 -0.01 -5.18
S SALMON___HYD 24043	27.25 -0.37 -2.83	25.82 -0.36 -2.20	23.21 -0.34 -2.39	22.32 -0.34 -2.46	24.83 -0.39 -2.05	26.83 -0.40 -2.24	32.93 -0.31 -4.67	34.43 -0.26 -6.01	29.73 -0.30 -4.76	26.90 -0.34 -4.32	29.12 -0.45 -1.49	25.37 -0.49 -1.59	25.28 -0.51 -1.48	25.34 -0.51 -1.43	24.48 -0.46 -1.85	25.46 -0.42 -2.42	27.04 -0.31 -3.29	31.39 -0.24 -5.03	27.42 -0.16 -4.53	26.87 -0.14 -3.94	21.98 -0.09 -4.39	17.76 -0.12 -4.46	12.51 -0.09 -4.79	16.77 -0.16 -3.64
S.PERRY___115KV_TB1 80734	29.85 0.12 -4.94	28.00 0.19 -3.84	25.39 0.06 -4.16	24.58 0.08 -4.29	26.77 0.02 -3.58	28.99 0.10 -3.90	36.97 0.26 -8.13	39.00 0.20 -10.12	33.27 -0.03 -8.03	30.25 -0.16 -7.49	30.37 -0.22 -2.52	26.75 -0.27 -2.76	26.63 -0.24 -2.57	26.58 -0.32 -2.48	25.95 -0.35 -3.20	27.30 -0.23 -4.07	29.49 -0.12 -5.55	35.28 0.16 -8.52	31.05 0.32 -7.68	30.16 0.23 -6.86	25.52 0.19 -7.65	21.34 0.15 -7.78	16.25 0.10 -8.34	19.86 0.23 -6.34
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	28.20 -1.19 -4.60	26.59 -0.96 -3.58	24.07 -0.97 -3.88	23.30 -0.91 -4.00	25.30 -1.20 -3.33	27.38 -1.25 -3.63	34.50 -1.66 -7.58	35.16 -2.01 -8.49	30.26 -1.74 -6.73	28.39 -1.51 -6.98	28.43 -1.80 -2.16	25.33 -1.50 -2.57	25.29 -1.41 -2.39	25.26 -1.47 -2.31	24.63 -1.46 -2.98	25.38 -1.50 -3.42	27.11 -1.61 -4.66	32.10 -1.65 -7.15	28.18 -1.31 -6.44	28.03 -1.43 -6.40	23.75 -1.06 -7.13	19.96 -0.71 -7.25	15.27 -0.31 -7.78	18.79 -0.41 -5.91
SAWYER___23_KV_LOAD 55526	28.20 -1.19 -4.60	26.59 -0.96 -3.58	24.07 -0.97 -3.88	23.30 -0.91 -4.00	25.30 -1.20 -3.33	27.38 -1.25 -3.63	34.50 -1.66 -7.58	35.16 -2.01 -8.49	30.26 -1.74 -6.73	28.39 -1.51 -6.98	28.43 -1.80 -2.16	25.33 -1.50 -2.57	25.29 -1.41 -2.39	25.26 -1.47 -2.31	24.63 -1.46 -2.98	25.38 -1.50 -3.42	27.11 -1.61 -4.66	32.10 -1.65 -7.15	28.18 -1.31 -6.44	28.03 -1.43 -6.40	23.75 -1.06 -7.13	19.96 -0.71 -7.25	15.27 -0.31 -7.78	18.79 -0.41 -5.91
SELKIRK___I 23801	49.91 1.12 -24.00	43.71 1.08 -18.65	42.34 0.95 -20.23	41.95 0.89 -20.86	41.58 1.02 -17.39	45.08 1.15 -18.94	69.36 1.26 -39.53	80.37 1.12 -50.57	66.41 1.04 -40.11	60.27 0.94 -36.41	41.69 1.07 -12.55	38.59 0.92 -13.41	37.71 0.92 -12.47	37.48 1.00 -12.06	39.61 0.95 -15.57	44.75 0.94 -20.35	52.74 0.94 -27.74	70.26 1.07 -42.59	62.36 0.95 -38.37	57.35 0.92 -33.36	55.52 0.67 -37.17	51.73 0.51 -37.80	48.66 0.30 -40.55	44.62 0.52 -30.80
SELKIRK___II 23799	49.97 0.92 -24.26	43.72 0.89 -18.86	42.40 0.78 -20.45	42.04 0.75 -21.09	41.58 0.83 -17.58	45.09 0.95 -19.15	69.54 1.00 -39.96	80.72 0.92 -51.12	66.67 0.86 -40.55	60.55 0.82 -36.81	41.68 0.93 -12.68	38.64 0.83 -13.56	37.77 0.85 -12.61	37.51 0.90 -12.19	39.66 0.83 -15.74	44.83 0.80 -20.57	52.90 0.79 -28.04	70.54 0.88 -43.06	62.62 0.78 -38.79	57.53 0.74 -33.72	55.79 0.53 -37.58	52.03 0.40 -38.21	49.04 0.24 -40.99	44.85 0.41 -31.14
SENECA OSWGO___HYD 24041	27.60 -0.37 -3.18	26.11 -0.34 -2.47	23.53 -0.32 -2.68	22.67 -0.30 -2.76	25.10 -0.37 -2.30	27.08 -0.43 -2.51	33.39 -0.43 -5.24	35.08 -0.37 -6.78	30.29 -0.35 -5.38	27.46 -0.34 -4.88	29.36 -0.39 -1.68	25.67 -0.39 -1.80	25.62 -0.36 -1.67	25.64 -0.39 -1.62	24.81 -0.37 -2.09	25.86 -0.33 -2.73	27.49 -0.29 -3.72	32.00 -0.24 -5.64	27.95 -0.19 -5.08	27.35 -0.14 -4.42	22.52 -0.09 -4.93	18.35 -0.08 -5.01	13.12 -0.05 -5.37	17.30 -0.08 -4.08
SENECA___115KV_TB3 355854	28.45 -1.04 -4.70	26.81 -0.82 -3.65	24.28 -0.85 -3.96	23.50 -0.79 -4.08	25.51 -1.07 -3.41	27.63 -1.07 -3.71	34.86 -1.46 -7.74	35.74 -1.75 -8.81	30.72 -1.54 -6.99	28.70 -1.35 -7.13	28.73 -1.57 -2.23	25.55 -1.33 -2.63	25.49 -1.26 -2.44	25.46 -1.32 -2.36	24.83 -1.32 -3.05	25.65 -1.36 -3.55	27.45 -1.44 -4.84	32.59 -1.44 -7.42	28.58 -1.15 -6.69	28.28 -1.31 -6.53	23.99 -0.97 -7.28	20.18 -0.64 -7.40	15.45 -0.29 -7.94	18.95 -0.37 -6.03
SENECA___ENERGY 23797	28.67 -0.25 -4.12	26.99 -0.19 -3.20	24.43 -0.21 -3.48	23.59 -0.20 -3.58	25.91 -0.25 -2.99	28.02 -0.23 -3.25	35.17 -0.20 -6.79	37.33 -0.17 -8.82	32.06 -0.20 -7.00	29.04 -0.23 -6.35	30.01 -0.25 -2.19	26.31 -0.29 -2.34	26.22 -0.27 -2.18	26.23 -0.29 -2.10	25.51 -0.30 -2.71	26.75 -0.26 -3.55	28.70 -0.19 -4.84	33.84 -0.08 -7.32	29.64 0.00 -6.59	28.75 -0.05 -5.73	24.03 -0.04 -6.39	19.87 -0.04 -6.49	14.75 -0.02 -6.97	18.59 0.00 -5.29
SHOEMAKER___GT 23640	43.65 0.97 -17.90	38.87 0.98 -13.91	37.12 0.87 -15.08	36.59 0.83 -15.55	37.07 0.93 -12.97	40.14 1.03 -14.12	59.20 1.14 -29.47	67.63 1.23 -37.72	56.17 0.98 -29.91	50.95 0.87 -27.16	38.61 1.18 -9.36	35.36 1.09 -10.00	34.68 1.07 -9.30	34.44 1.03 -9.00	35.65 0.95 -11.61	39.63 0.99 -15.18	45.81 1.06 -20.69	59.58 1.22 -31.76	52.70 1.04 -28.61	48.91 0.97 -24.87	46.11 0.71 -27.72	42.14 0.54 -28.19	38.35 0.31 -30.24	36.82 0.56 -22.97

SHOEMAKR_138KV_BK 111 55601	43.54 0.97 -17.78	38.75 0.96 -13.82	37.02 0.87 -14.98	36.49 0.83 -15.45	36.98 0.93 -12.88	40.05 1.02 -14.03	58.98 1.11 -29.28	67.36 1.23 -37.45	55.98 1.01 -29.70	50.78 0.89 -26.96	38.57 1.21 -9.29	35.29 1.09 -9.93	34.64 1.09 -9.24	34.40 1.05 -8.93	35.59 0.97 -11.53	39.52 0.99 -15.07	45.66 1.06 -20.54	59.40 1.25 -31.55	52.51 1.04 -28.42	48.75 0.97 -24.71	45.91 0.69 -27.54	41.96 0.54 -28.00	38.16 0.31 -30.04	36.67 0.56 -22.82
SHOREHAM_IC_1 23715	53.21 2.85 -25.57	46.90 2.83 -20.10	43.84 2.45 -20.22	43.25 2.36 -20.69	41.01 2.69 -15.15	48.96 2.97 -20.99	74.49 3.43 -42.48	88.67 3.64 -56.35	61.04 3.08 -32.69	54.96 2.38 -29.66	41.41 3.12 -10.22	37.81 2.62 -10.92	37.38 2.82 -10.25	37.02 2.73 -9.87	38.41 2.59 -12.73	44.00 2.79 -17.74	61.66 3.03 -34.57	75.40 3.46 -45.35	65.55 2.97 -39.52	62.70 2.86 -36.78	61.35 2.10 -41.56	59.17 1.58 -44.17	41.80 0.95 -33.04	39.89 1.50 -25.09
SHOREHAM_IC_2 23716	53.21 2.85 -25.57	46.90 2.83 -20.10	43.84 2.45 -20.22	43.25 2.36 -20.69	41.01 2.69 -15.15	48.96 2.97 -20.99	74.49 3.43 -42.48	88.67 3.64 -56.35	61.04 3.08 -32.69	54.96 2.38 -29.66	41.41 3.12 -10.22	37.81 2.62 -10.92	37.38 2.82 -10.25	37.02 2.73 -9.87	38.41 2.59 -12.73	44.00 2.79 -17.74	61.66 3.03 -34.57	75.40 3.46 -45.35	65.55 2.97 -39.52	62.70 2.86 -36.78	61.35 2.10 -41.56	59.17 1.58 -44.17	41.80 0.95 -33.04	39.89 1.50 -25.09
SISSONVILLE____ 23735	25.10 -0.25 -0.56	24.07 -0.34 -0.44	21.36 -0.28 -0.47	20.41 -0.28 -0.49	23.37 -0.21 -0.41	25.11 -0.32 -0.44	28.93 -0.57 -0.92	29.34 -0.54 -1.20	25.92 -0.30 -0.95	23.49 -0.30 -0.87	27.90 -0.48 -0.30	24.22 -0.36 -0.32	24.22 -0.39 -0.30	24.36 -0.34 -0.29	23.19 -0.28 -0.37	23.48 -0.47 -0.48	24.07 -0.65 -0.66	26.79 -0.80 -0.99	23.18 -0.76 -0.90	27.72 -0.74 -5.39	18.09 -0.46 -0.87	14.06 -0.24 -0.88	9.76 -0.15 -2.10	16.75 -0.39 -3.84
SITHE_IND_GS1 24169	26.85 -0.67 -2.72	25.47 -0.62 -2.12	22.91 -0.55 -2.30	22.05 -0.53 -2.37	24.50 -0.65 -1.97	26.42 -0.73 -2.15	32.24 -0.83 -4.49	33.65 -0.83 -5.80	29.11 -0.76 -4.60	26.41 -0.69 -4.17	28.70 -0.82 -1.44	25.07 -0.73 -1.54	25.03 -0.71 -1.43	25.09 -0.71 -1.38	24.21 -0.67 -1.78	25.11 -0.68 -2.33	26.57 -0.67 -3.18	30.72 -0.72 -4.84	26.83 -0.58 -4.36	26.32 -0.53 -3.79	21.53 -0.37 -4.22	17.43 -0.28 -4.29	12.24 -0.16 -4.60	16.54 -0.25 -3.50
SITHE_IND_GS2 24170	26.85 -0.67 -2.72	25.47 -0.62 -2.12	22.91 -0.55 -2.30	22.05 -0.53 -2.37	24.50 -0.65 -1.97	26.42 -0.73 -2.15	32.24 -0.83 -4.49	33.65 -0.83 -5.80	29.11 -0.76 -4.60	26.41 -0.69 -4.17	28.70 -0.82 -1.44	25.07 -0.73 -1.54	25.03 -0.71 -1.43	25.09 -0.71 -1.38	24.21 -0.67 -1.78	25.11 -0.68 -2.33	26.57 -0.67 -3.18	30.72 -0.72 -4.84	26.83 -0.58 -4.36	26.32 -0.53 -3.79	21.53 -0.37 -4.22	17.43 -0.28 -4.29	12.24 -0.16 -4.60	16.54 -0.25 -3.50
SITHE_IND_GS3 24171	26.85 -0.67 -2.72	25.47 -0.62 -2.12	22.91 -0.55 -2.30	22.05 -0.53 -2.37	24.50 -0.65 -1.97	26.42 -0.73 -2.15	32.24 -0.83 -4.49	33.65 -0.83 -5.80	29.11 -0.76 -4.60	26.41 -0.69 -4.17	28.70 -0.82 -1.44	25.07 -0.73 -1.54	25.03 -0.71 -1.43	25.09 -0.71 -1.38	24.21 -0.67 -1.78	25.11 -0.68 -2.33	26.57 -0.67 -3.18	30.72 -0.72 -4.84	26.83 -0.58 -4.36	26.32 -0.53 -3.79	21.53 -0.37 -4.22	17.43 -0.28 -4.29	12.24 -0.16 -4.60	16.54 -0.25 -3.50
SITHE_IND_GS4 24172	26.85 -0.67 -2.72	25.47 -0.62 -2.12	22.91 -0.55 -2.30	22.05 -0.53 -2.37	24.50 -0.65 -1.97	26.42 -0.73 -2.15	32.24 -0.83 -4.49	33.65 -0.83 -5.80	29.11 -0.76 -4.60	26.41 -0.69 -4.17	28.70 -0.82 -1.44	25.07 -0.73 -1.54	25.03 -0.71 -1.43	25.09 -0.71 -1.38	24.21 -0.67 -1.78	25.11 -0.68 -2.33	26.57 -0.67 -3.18	30.72 -0.72 -4.84	26.83 -0.58 -4.36	26.32 -0.53 -3.79	21.53 -0.37 -4.22	17.43 -0.28 -4.29	12.24 -0.16 -4.60	16.54 -0.25 -3.50
SITHE____BATAVIA 24024	28.57 -0.55 -4.33	26.93 -0.41 -3.36	24.33 -0.49 -3.65	23.54 -0.43 -3.76	25.70 -0.60 -3.13	27.81 -0.60 -3.41	34.96 -0.74 -7.13	36.19 -1.03 -8.54	31.16 -0.89 -6.77	28.76 -0.78 -6.62	29.30 -0.93 -2.15	25.90 -0.80 -2.44	25.82 -0.75 -2.27	25.85 -0.76 -2.19	25.17 -0.76 -2.83	26.13 -0.77 -3.44	27.90 -0.84 -4.69	33.01 -0.72 -7.13	29.01 -0.46 -6.42	28.50 -0.58 -6.01	23.96 -0.42 -6.70	19.95 -0.28 -6.81	15.01 -0.10 -7.31	18.79 -0.05 -5.55
SITHE____INDEPEND 23800	26.85 -0.67 -2.72	25.47 -0.62 -2.12	22.91 -0.55 -2.30	22.05 -0.53 -2.37	24.50 -0.65 -1.97	26.42 -0.72 -2.15	32.24 -0.83 -4.49	33.59 -0.83 -5.74	29.06 -0.76 -4.55	26.37 -0.69 -4.13	28.69 -0.81 -1.42	25.06 -0.73 -1.52	25.02 -0.70 -1.42	25.08 -0.71 -1.37	24.19 -0.67 -1.77	25.09 -0.68 -2.31	26.53 -0.67 -3.15	30.72 -0.72 -4.84	26.83 -0.58 -4.36	26.32 -0.53 -3.79	21.53 -0.37 -4.22	17.43 -0.28 -4.29	12.24 -0.16 -4.60	16.53 -0.27 -3.50
SITHE____MASSENA 23902	24.72 -0.07 0.00	23.83 -0.14 0.00	21.06 -0.11 0.00	20.11 -0.10 0.00	23.15 -0.02 0.00	24.92 -0.07 0.00	28.35 -0.23 0.00	28.51 -0.17 0.00	25.24 -0.03 0.00	22.90 -0.02 0.00	27.88 -0.20 0.00	24.17 -0.10 0.00	24.21 -0.10 0.00	24.37 -0.05 0.00	23.07 -0.02 0.00	23.39 -0.07 0.00	23.92 -0.14 0.00	26.39 -0.21 0.00	22.80 -0.25 0.00	23.63 -0.23 -0.79	17.52 -0.16 0.00	13.34 -0.08 0.00	7.93 -0.07 -0.20	13.62 -0.21 -0.54
SITHE____OGDNSBRG 24021	25.49 0.25 -0.45	24.47 0.14 -0.35	21.69 0.15 -0.38	20.69 0.10 -0.39	23.75 0.25 -0.32	25.57 0.22 -0.35	29.66 0.34 -0.73	29.89 0.37 -0.84	26.36 0.43 -0.66	23.87 0.34 -0.60	28.51 0.22 -0.21	24.68 0.19 -0.22	24.69 0.17 -0.21	24.81 0.20 -0.20	23.59 0.23 -0.26	24.01 0.21 -0.34	24.71 0.19 -0.46	27.60 0.21 -0.79	23.90 0.14 -0.71	26.27 0.14 -3.07	18.39 0.02 -0.69	14.16 0.04 -0.70	9.17 0.00 -1.37	15.41 -0.12 -2.23
SITHE____STERLING 23777	27.63 0.77 -2.07	26.33 0.74 -1.61	23.54 0.63 -1.74	22.57 0.56 -1.80	25.34 0.67 -1.50	27.40 0.78 -1.63	33.10 1.11 -3.41	33.63 1.26 -3.68	29.20 1.01 -2.92	26.38 0.80 -2.65	30.00 1.01 -0.91	25.94 0.70 -0.98	25.87 0.66 -0.91	25.96 0.66 -0.88	24.88 0.65 -1.13	25.67 0.73 -1.48	26.99 0.91 -2.02	31.18 0.90 -3.67	27.16 0.81 -3.31	26.73 0.78 -2.88	21.47 0.58 -3.21	17.05 0.38 -3.26	11.51 0.21 -3.50	16.31 0.36 -2.66
SLEIGHT__34_KV_TB1 80719	28.35 -0.42 -3.98	26.69 -0.38 -3.09	24.14 -0.38 -3.36	23.30 -0.36 -3.46	25.59 -0.46 -2.88	27.69 -0.45 -3.14	34.71 -0.43 -6.56	36.66 -0.46 -8.44	31.53 -0.43 -6.69	28.57 -0.39 -6.04	29.72 -0.45 -2.09	26.05 -0.44 -2.22	25.96 -0.41 -2.07	25.98 -0.44 -2.00	25.26 -0.42 -2.58	26.46 -0.40 -3.40	28.30 -0.38 -4.63	33.42 -0.29 -7.11	29.27 -0.18 -6.41	28.39 -0.21 -5.53	23.69 -0.16 -6.17	19.57 -0.12 -6.27	14.47 -0.06 -6.73	18.33 -0.08 -5.11
SOUTH CAIRO____GT 23612	49.39 1.49 -23.11	43.30 1.37 -17.96	41.82 1.18 -19.47	41.40 1.11 -20.08	41.21 1.30 -16.74	44.65 1.42 -18.24	68.24 1.60 -38.06	78.89 1.52 -48.69	65.20 1.31 -38.62	58.98 1.01 -35.06	41.05 0.90 -12.08	37.80 0.63 -12.91	36.95 0.63 -12.01	36.79 0.76 -11.61	38.85 0.76 -14.99	43.90 0.84 -19.59	51.80 1.03 -26.71	68.97 1.36 -41.01	61.17 1.17 -36.94	56.34 1.15 -32.12	54.35 0.88 -35.79	50.43 0.62 -36.39	47.18 0.34 -39.04	43.47 0.52 -29.66

SOUTH HAMPTN___IC 23720	53.51 3.15 -25.57	47.19 3.12 -20.10	44.04 2.71 -20.16	43.49 2.61 -20.67	41.25 2.94 -15.14	49.18 3.27 -20.91	74.90 3.83 -42.49	89.06 4.02 -56.36	61.39 3.44 -32.69	55.24 2.66 -29.66	41.78 3.48 -10.22	38.12 2.93 -10.92	37.67 3.11 -10.25	37.31 3.03 -9.87	38.69 2.86 -12.73	44.30 3.10 -17.74	62.02 3.39 -34.57	75.80 3.86 -45.35	65.89 3.32 -39.52	63.05 3.21 -36.78	61.60 2.35 -41.56	59.36 1.77 -44.17	41.89 1.05 -33.04	40.05 1.66 -25.09
SOUTHDOW_115KV_TB1 355954	28.92 -0.74 -4.87	27.33 -0.43 -3.79	24.76 -0.51 -4.11	23.99 -0.44 -4.23	26.03 -0.67 -3.53	28.24 -0.60 -3.84	35.83 -0.77 -8.02	36.98 -1.00 -9.30	31.68 -0.96 -7.38	29.39 -0.92 -7.39	29.36 -1.07 -2.35	26.06 -0.92 -2.72	25.94 -0.90 -2.53	25.86 -1.00 -2.45	25.19 -1.06 -3.16	26.03 -1.17 -3.75	27.98 -1.18 -5.10	33.39 -1.04 -7.83	29.18 -0.92 -7.06	28.73 -1.11 -6.77	24.40 -0.83 -7.55	20.53 -0.56 -7.67	15.78 -0.26 -8.23	19.22 -0.33 -6.25
SOUTHOLD_69_KV_BK 2 55809	53.96 3.59 -25.57	47.60 3.52 -20.10	44.36 3.03 -20.17	43.81 2.93 -20.67	41.62 3.31 -15.14	49.58 3.67 -20.91	75.42 4.34 -42.49	89.61 4.59 -56.34	61.82 3.89 -32.66	55.59 3.03 -29.64	42.22 3.93 -10.22	38.48 3.30 -10.92	38.03 3.48 -10.25	37.65 3.37 -9.86	38.94 3.23 -12.61	44.72 3.52 -17.74	62.49 3.87 -34.56	76.42 4.47 -45.35	66.37 3.80 -39.52	63.53 3.69 -36.78	61.93 2.69 -41.56	59.61 2.03 -44.17	42.03 1.18 -33.04	40.25 1.86 -25.09
SOUTHOLD___IC 23719	53.93 3.57 -25.57	47.60 3.53 -20.10	44.36 3.03 -20.17	43.81 2.93 -20.67	41.62 3.31 -15.14	49.58 3.68 -20.91	75.41 4.34 -42.49	89.60 4.56 -56.36	61.85 3.89 -32.69	55.61 3.03 -29.66	42.23 3.93 -10.22	38.49 3.30 -10.92	38.04 3.48 -10.25	37.66 3.37 -9.87	39.06 3.23 -12.73	44.72 3.52 -17.74	62.50 3.87 -34.57	76.36 4.42 -45.35	66.37 3.80 -39.52	63.53 3.69 -36.78	61.93 2.69 -41.56	59.61 2.03 -44.17	42.03 1.18 -33.04	40.24 1.86 -25.09
SOUTH_FORK_WT_PWR 323839	54.01 3.65 -25.57	47.65 3.57 -20.10	44.42 3.09 -20.17	43.87 2.99 -20.67	41.67 3.36 -15.14	49.63 3.72 -20.91	75.47 4.40 -42.49	89.66 4.62 -56.36	61.90 3.94 -32.69	55.65 3.07 -29.66	42.31 4.01 -10.22	38.54 3.35 -10.92	38.08 3.52 -10.25	37.70 3.42 -9.87	39.10 3.28 -12.73	44.77 3.56 -17.74	62.57 3.95 -34.57	76.44 4.50 -45.35	66.44 3.87 -39.52	63.58 3.74 -36.78	61.99 2.74 -41.56	59.64 2.05 -44.17	42.04 1.19 -33.04	40.28 1.90 -25.09
SPIERFLS_115KV_TB 1 80737	50.73 0.89 -25.04	44.23 0.79 -19.47	42.97 0.70 -21.11	42.62 0.65 -21.77	42.08 0.76 -18.15	45.68 0.92 -19.76	71.09 1.26 -41.25	82.64 1.20 -52.75	68.14 1.04 -41.84	61.66 0.76 -37.98	42.06 0.90 -13.09	38.83 0.58 -13.99	37.93 0.61 -13.01	37.59 0.59 -12.58	39.94 0.60 -16.24	45.47 0.77 -21.23	53.91 0.91 -28.94	72.16 1.12 -44.45	64.06 0.97 -40.04	58.87 0.99 -34.81	57.20 0.73 -38.79	53.43 0.56 -39.45	50.41 0.29 -42.31	45.89 0.45 -32.14
ST LAWRENCE___ 23600	24.39 -0.40 0.00	23.54 -0.43 0.00	20.80 -0.36 0.00	19.86 -0.34 0.00	22.85 -0.32 0.00	24.62 -0.37 0.00	28.09 -0.49 0.00	28.19 -0.49 0.00	24.91 -0.35 0.00	22.60 -0.32 0.00	27.60 -0.48 0.00	23.87 -0.39 0.00	23.92 -0.39 0.00	24.05 -0.37 0.00	22.77 -0.32 0.00	23.11 -0.35 0.00	23.65 -0.41 0.00	26.07 -0.53 0.00	22.54 -0.51 0.00	22.58 -0.49 0.00	17.33 -0.35 0.00	13.16 -0.26 0.00	7.64 -0.16 0.00	12.96 -0.33 0.00
STATE_CA_115KV_115_LB 55624	50.38 1.04 -24.54	44.06 1.01 -19.08	42.72 0.87 -20.68	42.36 0.83 -21.33	41.90 0.95 -17.78	45.44 1.07 -19.37	70.12 1.11 -40.42	81.38 1.00 -51.70	67.23 0.96 -41.00	61.08 0.94 -37.22	41.91 1.01 -12.83	38.85 0.87 -13.71	37.99 0.92 -12.75	37.75 1.00 -12.33	39.96 0.95 -15.91	45.13 0.87 -20.80	53.26 0.84 -28.36	71.11 0.96 -43.56	63.12 0.83 -39.24	57.99 0.81 -34.11	56.28 0.58 -38.01	52.50 0.43 -38.66	49.53 0.26 -41.47	45.22 0.43 -31.50
STATE_ST_34_KV_LOAD 55959	28.95 0.07 -4.08	27.24 0.10 -3.17	24.67 0.06 -3.44	23.79 0.04 -3.55	26.13 0.00 -2.96	28.27 0.05 -3.22	35.45 0.14 -6.72	37.48 0.20 -8.60	32.22 0.13 -6.82	29.18 0.07 -6.19	30.29 0.08 -2.13	26.57 0.02 -2.28	26.48 0.05 -2.12	26.49 0.02 -2.05	25.77 0.02 -2.65	26.97 0.05 -3.46	28.92 0.14 -4.72	34.08 0.24 -7.25	29.88 0.30 -6.53	29.02 0.28 -5.68	24.24 0.23 -6.32	20.00 0.15 -6.43	14.77 0.07 -6.90	18.67 0.13 -5.24
STATION 5_MISC_HYD 23604	28.39 -0.45 -4.04	26.76 -0.36 -3.14	24.17 -0.40 -3.40	23.35 -0.36 -3.51	25.61 -0.49 -2.93	27.68 -0.50 -3.19	34.63 -0.60 -6.65	36.55 -0.77 -8.64	31.44 -0.68 -6.85	28.54 -0.57 -6.19	29.54 -0.67 -2.14	25.96 -0.58 -2.28	25.87 -0.56 -2.12	25.93 -0.54 -2.05	25.21 -0.53 -2.65	26.42 -0.52 -3.48	28.22 -0.58 -4.74	33.30 -0.51 -7.21	29.22 -0.32 -6.49	28.31 -0.37 -5.61	23.67 -0.26 -6.26	19.59 -0.19 -6.36	14.56 -0.07 -6.83	18.44 -0.04 -5.18
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	28.65 -0.17 -4.03	26.97 -0.14 -3.14	24.37 -0.19 -3.40	23.55 -0.16 -3.51	25.86 -0.23 -2.92	27.95 -0.22 -3.18	35.08 -0.14 -6.64	36.98 -0.20 -8.50	31.78 -0.23 -6.74	28.83 -0.21 -6.12	29.99 -0.20 -2.11	26.27 -0.24 -2.25	26.19 -0.22 -2.10	26.22 -0.22 -2.03	25.48 -0.23 -2.62	26.69 -0.19 -3.42	28.55 -0.17 -4.66	33.73 -0.03 -7.16	29.55 0.05 -6.45	28.67 0.00 -5.61	23.93 0.00 -6.25	19.76 -0.01 -6.35	14.63 0.01 -6.82	18.51 0.04 -5.18
STA_56_34_KV_BUS2_REV_LBMP_B 345033	28.27 -0.55 -4.02	26.62 -0.48 -3.13	24.05 -0.51 -3.39	23.26 -0.44 -3.50	25.49 -0.60 -2.92	27.55 -0.62 -3.18	34.52 -0.69 -6.63	36.36 -0.80 -8.48	31.26 -0.73 -6.72	28.41 -0.62 -6.10	29.45 -0.73 -2.10	25.86 -0.66 -2.25	25.77 -0.63 -2.09	25.80 -0.63 -2.02	25.11 -0.60 -2.61	26.29 -0.59 -3.41	28.08 -0.63 -4.65	33.18 -0.56 -7.14	29.09 -0.39 -6.43	28.22 -0.44 -5.59	23.60 -0.32 -6.23	19.53 -0.23 -6.34	14.50 -0.10 -6.80	18.33 -0.13 -5.16
STA_56___34_KV_BUS2 355983	28.27 -0.55 -4.02	26.62 -0.48 -3.13	24.05 -0.51 -3.39	23.26 -0.44 -3.50	25.49 -0.60 -2.92	27.55 -0.62 -3.18	34.52 -0.69 -6.63	36.36 -0.80 -8.48	31.26 -0.73 -6.72	28.41 -0.62 -6.10	29.45 -0.73 -2.10	25.86 -0.66 -2.25	25.77 -0.63 -2.09	25.80 -0.63 -2.02	25.11 -0.60 -2.61	26.29 -0.59 -3.41	28.08 -0.63 -4.65	33.18 -0.56 -7.14	29.09 -0.39 -6.43	28.22 -0.44 -5.59	23.60 -0.32 -6.23	19.53 -0.23 -6.34	14.50 -0.10 -6.80	18.33 -0.13 -5.16
STA_67___115KV_BK2 355882	28.36 -0.47 -4.04	26.71 -0.41 -3.14	24.12 -0.44 -3.40	23.33 -0.38 -3.51	25.56 -0.53 -2.93	27.63 -0.55 -3.19	34.57 -0.66 -6.65	36.44 -0.80 -8.56	31.35 -0.71 -6.79	28.43 -0.62 -6.12	29.49 -0.70 -2.12	25.89 -0.63 -2.26	25.82 -0.58 -2.10	25.84 -0.61 -2.03	25.14 -0.58 -2.62	26.32 -0.59 -3.44	28.13 -0.63 -4.69	33.25 -0.56 -7.21	29.15 -0.39 -6.49	28.24 -0.44 -5.61	23.62 -0.32 -6.25	19.56 -0.21 -6.36	14.54 -0.09 -6.82	18.39 -0.09 -5.18
STA_7___115KV_9TRANS 80674	28.48 -0.35 -4.04	26.83 -0.29 -3.14	24.23 -0.34 -3.40	23.43 -0.28 -3.51	25.68 -0.42 -2.93	27.76 -0.42 -3.19	34.78 -0.46 -6.65	36.64 -0.60 -8.56	31.50 -0.56 -6.79	28.59 -0.46 -6.13	29.66 -0.53 -2.12	26.03 -0.49 -2.26	25.97 -0.44 -2.10	25.98 -0.46 -2.03	25.28 -0.44 -2.62	26.48 -0.42 -3.44	28.27 -0.48 -4.69	33.46 -0.35 -7.21	29.34 -0.21 -6.49	28.40 -0.28 -5.62	23.75 -0.19 -6.26	19.66 -0.12 -6.36	14.59 -0.04 -6.83	18.47 -0.01 -5.18

STA_82___115KV_TB1 80780	28.37 -0.47 -4.05	26.74 -0.38 -3.15	24.15 -0.42 -3.41	23.34 -0.38 -3.52	25.57 -0.53 -2.93	27.64 -0.55 -3.20	34.62 -0.63 -6.67	36.44 -0.77 -8.53	31.32 -0.71 -6.76	28.47 -0.60 -6.14	29.49 -0.70 -2.12	25.92 -0.61 -2.26	25.83 -0.58 -2.10	25.87 -0.59 -2.03	25.15 -0.58 -2.63	26.33 -0.56 -3.43	28.11 -0.63 -4.68	33.25 -0.53 -7.19	29.15 -0.37 -6.47	28.28 -0.42 -5.63	23.65 -0.30 -6.27	19.59 -0.20 -6.38	14.57 -0.08 -6.84	18.41 -0.08 -5.20
STEEL___WIND 323596	28.43 -1.07 -4.70	26.79 -0.84 -3.65	24.26 -0.87 -3.96	23.50 -0.79 -4.08	25.49 -1.09 -3.41	27.60 -1.10 -3.71	34.83 -1.49 -7.74	35.73 -1.84 -8.89	30.75 -1.57 -7.05	28.73 -1.37 -7.18	28.70 -1.63 -2.25	25.55 -1.36 -2.65	25.48 -1.29 -2.46	25.48 -1.32 -2.38	24.83 -1.34 -3.07	25.66 -1.38 -3.58	27.47 -1.47 -4.88	32.53 -1.49 -7.42	28.56 -1.17 -6.69	28.29 -1.31 -6.53	23.99 -0.97 -7.28	20.16 -0.66 -7.40	15.45 -0.29 -7.94	18.97 -0.36 -6.03
STEPHTWN_115KV_BK_2 55603	50.33 1.21 -24.32	44.03 1.15 -18.90	42.66 0.99 -20.50	42.27 0.93 -21.14	41.86 1.07 -17.62	45.41 1.22 -19.19	69.98 1.34 -40.06	81.11 1.20 -51.23	67.04 1.14 -40.63	60.86 1.05 -36.88	41.97 1.18 -12.71	38.84 0.99 -13.58	37.97 1.02 -12.64	37.73 1.10 -12.22	39.91 1.04 -15.77	45.06 0.99 -20.62	53.17 1.01 -28.10	70.93 1.17 -43.16	62.97 1.04 -38.88	57.89 1.01 -33.81	56.09 0.74 -37.67	52.26 0.54 -38.31	49.22 0.32 -41.09	45.03 0.52 -31.21
STEBEN_REC_LFGE 323667	30.18 -0.37 -5.76	28.26 -0.19 -4.48	25.79 -0.23 -4.86	25.01 -0.20 -5.01	27.02 -0.32 -4.17	29.32 -0.22 -4.55	37.73 -0.34 -9.49	40.15 -0.34 -11.81	34.18 -0.45 -9.37	31.20 -0.46 -8.74	30.49 -0.53 -2.94	27.00 -0.49 -3.22	26.84 -0.46 -2.99	26.77 -0.54 -2.89	26.23 -0.60 -3.74	27.63 -0.59 -4.75	30.03 -0.51 -6.48	36.04 -0.51 -9.95	31.67 -0.35 -8.96	30.59 -0.48 -8.01	26.29 -0.32 -8.92	22.27 -0.23 -9.07	17.44 -0.10 -9.73	20.61 -0.08 -7.39
STILLWATER___SOLAR 323814	51.08 1.36 -24.92	44.64 1.29 -19.37	43.31 1.14 -21.00	42.93 1.07 -21.66	42.46 1.23 -18.06	46.06 1.40 -19.67	71.34 1.71 -41.05	82.85 1.66 -52.51	68.33 1.41 -41.65	61.92 1.19 -37.81	42.54 1.43 -13.03	39.33 1.14 -13.92	38.40 1.14 -12.95	38.09 1.15 -12.52	40.37 1.11 -16.16	45.84 1.24 -21.13	54.21 1.35 -28.81	72.37 1.54 -44.23	64.25 1.36 -39.84	59.04 1.34 -34.64	57.27 0.99 -38.60	53.41 0.74 -39.25	50.33 0.42 -42.11	45.97 0.69 -31.98
STONY___BROOK 24151	53.07 2.73 -25.56	46.77 2.71 -20.09	43.88 2.35 -20.36	43.20 2.28 -20.71	40.91 2.55 -15.19	49.02 2.82 -21.21	74.30 3.26 -42.46	88.47 3.47 -56.32	60.94 2.98 -32.69	54.89 2.31 -29.66	41.33 3.03 -10.22	37.78 2.60 -10.92	37.34 2.77 -10.26	36.97 2.69 -9.87	38.35 2.52 -12.73	43.88 2.67 -17.74	61.51 2.89 -34.57	75.22 3.27 -45.35	65.38 2.81 -39.52	62.54 2.70 -36.78	61.23 1.98 -41.56	59.09 1.50 -44.17	41.75 0.90 -33.04	39.82 1.44 -25.09
STURGEON_POOL_HYD 23609	46.23 1.02 -20.42	40.88 1.03 -15.87	39.27 0.89 -17.21	38.82 0.87 -17.75	38.94 0.97 -14.80	42.16 1.05 -16.12	63.42 1.20 -33.64	73.07 1.38 -43.02	60.50 1.11 -34.12	54.85 0.96 -30.97	40.07 1.32 -10.67	36.83 1.16 -11.41	36.06 1.14 -10.61	35.75 1.07 -10.26	37.33 0.99 -13.24	41.83 1.06 -17.31	48.81 1.15 -23.60	64.17 1.33 -36.25	56.78 1.08 -32.65	52.47 1.01 -28.39	50.04 0.73 -31.63	46.16 0.58 -32.17	42.64 0.33 -34.50	40.09 0.59 -26.21
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	44.12 1.04 -18.29	39.24 1.05 -14.21	37.51 0.93 -15.41	36.99 0.89 -15.89	37.42 1.00 -13.25	40.52 1.10 -14.43	59.92 1.23 -30.12	68.57 1.38 -38.52	56.93 1.11 -30.55	51.64 0.99 -27.73	38.98 1.35 -9.56	35.74 1.26 -10.21	35.05 1.24 -9.50	34.80 1.20 -9.19	36.04 1.09 -11.86	40.06 1.10 -15.50	46.39 1.20 -21.13	60.46 1.41 -32.45	53.43 1.15 -29.23	49.54 1.06 -25.42	46.76 0.76 -28.32	42.81 0.59 -28.80	39.05 0.35 -30.89	37.39 0.62 -23.47
SWANROAD_115KV_TB1 355699	27.81 -1.49 -4.50	26.20 -1.27 -3.50	23.71 -1.25 -3.79	22.97 -1.15 -3.91	24.93 -1.51 -3.26	27.00 -1.55 -3.55	33.94 -2.06 -7.41	34.64 -2.41 -8.37	29.81 -2.10 -6.64	27.91 -1.83 -6.83	28.01 -2.19 -2.12	24.93 -1.84 -2.51	24.92 -1.73 -2.34	24.87 -1.81 -2.26	24.26 -1.76 -2.92	25.03 -1.81 -3.37	26.71 -1.95 -4.60	31.63 -2.02 -7.05	27.79 -1.61 -6.35	27.59 -1.73 -6.26	23.38 -1.27 -6.97	19.64 -0.87 -7.09	15.00 -0.41 -7.60	18.51 -0.56 -5.78
SYNERGY___BIOGAS 323694	28.57 -0.55 -4.33	26.93 -0.41 -3.36	24.33 -0.49 -3.65	23.54 -0.43 -3.76	25.70 -0.60 -3.13	27.81 -0.60 -3.41	34.96 -0.74 -7.13	36.19 -1.03 -8.54	31.16 -0.89 -6.77	28.76 -0.78 -6.62	29.30 -0.93 -2.15	25.90 -0.80 -2.44	25.82 -0.75 -2.27	25.85 -0.76 -2.19	25.17 -0.76 -2.83	26.13 -0.77 -3.44	27.90 -0.84 -4.69	33.01 -0.72 -7.13	29.01 -0.46 -6.42	28.50 -0.58 -6.01	23.96 -0.42 -6.70	19.95 -0.28 -6.81	15.01 -0.10 -7.31	18.79 -0.05 -5.55
SYRACUSE___ENERGY_ST1 323597	28.36 -0.05 -3.62	26.76 -0.02 -2.81	24.19 -0.02 -3.05	23.31 -0.04 -3.14	25.72 -0.07 -2.62	27.77 -0.07 -2.85	34.51 -0.03 -5.96	36.41 0.11 -7.62	31.36 0.05 -6.04	28.43 0.02 -5.49	30.02 0.06 -1.89	26.28 0.00 -2.02	26.21 0.02 -1.88	26.23 0.00 -1.82	25.44 0.00 -2.35	26.58 0.05 -3.07	28.33 0.10 -4.18	33.18 0.16 -6.42	29.02 0.18 -5.78	28.30 0.21 -5.03	23.46 0.18 -5.60	19.24 0.12 -5.70	13.98 0.06 -6.11	18.06 0.12 -4.64
SYRACUSE___ENERGY_ST2 323598	28.36 -0.05 -3.62	26.76 -0.02 -2.81	24.19 -0.02 -3.05	23.31 -0.04 -3.14	25.72 -0.07 -2.62	27.77 -0.07 -2.85	34.51 -0.03 -5.96	36.41 0.11 -7.62	31.36 0.05 -6.04	28.43 0.02 -5.49	30.02 0.06 -1.89	26.28 0.00 -2.02	26.21 0.02 -1.88	26.23 0.00 -1.82	25.44 0.00 -2.35	26.58 0.05 -3.07	28.33 0.10 -4.18	33.18 0.16 -6.42	29.02 0.18 -5.78	28.30 0.21 -5.03	23.46 0.18 -5.60	19.24 0.12 -5.70	13.98 0.06 -6.11	18.06 0.12 -4.64
SYRACUSE___POWER 24017	28.37 -0.10 -3.67	26.76 -0.07 -2.86	24.18 -0.08 -3.10	23.32 -0.08 -3.19	25.69 -0.14 -2.66	27.77 -0.12 -2.90	34.55 -0.09 -6.05	36.36 -0.06 -7.74	31.30 -0.10 -6.14	28.38 -0.11 -5.57	29.91 -0.08 -1.92	26.19 -0.12 -2.05	26.12 -0.10 -1.91	26.14 -0.12 -1.85	25.36 -0.12 -2.38	26.51 -0.07 -3.11	28.28 -0.02 -4.25	33.15 0.03 -6.52	28.99 0.07 -5.87	28.27 0.09 -5.11	23.44 0.07 -5.69	19.25 0.04 -5.79	14.04 0.02 -6.21	18.06 0.05 -4.71
TALLMAN___138KV_BK151 55660	44.64 1.09 -18.76	39.66 1.10 -14.58	37.95 0.97 -15.81	37.46 0.95 -16.30	37.83 1.07 -13.59	40.97 1.17 -14.80	60.79 1.31 -30.90	69.69 1.49 -39.51	57.79 1.19 -31.34	52.45 1.08 -28.45	39.40 1.52 -9.80	36.15 1.41 -10.48	35.47 1.41 -9.75	35.18 1.34 -9.42	36.48 1.22 -12.16	40.58 1.22 -15.90	47.03 1.30 -21.68	61.43 1.54 -33.29	54.29 1.24 -29.99	50.29 1.15 -26.08	47.55 0.81 -29.05	43.61 0.64 -29.55	39.88 0.38 -31.69	38.05 0.68 -24.08
TEALLAVE_115KV_TB7 355573	27.92 -0.20 -3.32	26.39 -0.17 -2.58	23.82 -0.15 -2.80	22.95 -0.14 -2.89	25.37 -0.21 -2.41	27.39 -0.22 -2.62	33.85 -0.20 -5.47	35.48 -0.20 -7.00	30.62 -0.20 -5.55	27.76 -0.21 -5.04	29.59 -0.22 -1.74	25.90 -0.22 -1.86	25.84 -0.19 -1.73	25.87 -0.22 -1.67	25.04 -0.21 -2.16	26.09 -0.19 -2.82	27.76 -0.14 -3.84	32.42 -0.08 -5.90	28.34 -0.02 -5.31	27.69 0.00 -4.62	22.85 0.02 -5.15	18.65 0.00 -5.23	13.42 0.00 -5.62	17.58 0.01 -4.27

TELGRAPH_34_KV_EAST 80808	28.24 -0.94 -4.39	26.62 -0.77 -3.41	24.06 -0.80 -3.70	23.30 -0.73 -3.82	25.38 -0.97 -3.18	27.46 -1.00 -3.47	34.53 -1.29 -7.24	35.54 -1.58 -8.44	30.57 -1.39 -6.69	28.37 -1.21 -6.66	28.77 -1.43 -2.13	25.50 -1.21 -2.45	25.45 -1.14 -2.28	25.43 -1.20 -2.21	24.79 -1.15 -2.85	25.66 -1.20 -3.40	27.41 -1.28 -4.63	32.45 -1.25 -7.11	28.48 -0.97 -6.40	28.09 -1.08 -6.11	23.69 -0.80 -6.80	19.80 -0.54 -6.92	15.00 -0.23 -7.42	18.64 -0.29 -5.64
TEMPLE___115KV_TB 2 55572	27.98 -0.17 -3.36	26.44 -0.14 -2.61	23.85 -0.15 -2.83	22.98 -0.14 -2.92	25.42 -0.19 -2.43	27.42 -0.22 -2.65	33.91 -0.20 -5.53	35.58 -0.17 -7.07	30.70 -0.18 -5.61	27.83 -0.18 -5.09	29.63 -0.20 -1.75	25.94 -0.19 -1.88	25.88 -0.17 -1.74	25.91 -0.20 -1.69	25.09 -0.18 -2.18	26.17 -0.14 -2.85	27.82 -0.12 -3.88	32.50 -0.05 -5.96	28.42 0.00 -5.37	27.76 0.02 -4.67	22.92 0.04 -5.20	18.72 0.01 -5.29	13.48 0.00 -5.67	17.63 0.03 -4.31
TIANA___69_KV_BK 1 55817	53.44 3.07 -25.57	47.09 3.02 -20.10	43.96 2.62 -20.17	43.41 2.53 -20.67	41.16 2.85 -15.14	49.08 3.17 -20.91	74.79 3.72 -42.49	88.95 3.93 -56.34	61.27 3.34 -32.66	55.13 2.57 -29.64	41.66 3.37 -10.22	38.02 2.84 -10.92	37.57 3.01 -10.25	37.21 2.93 -9.86	38.48 2.77 -12.61	44.20 3.00 -17.74	61.91 3.30 -34.56	75.73 3.78 -45.35	65.80 3.23 -39.52	62.96 3.11 -36.78	61.53 2.28 -41.56	59.30 1.72 -44.17	41.86 1.01 -33.04	39.99 1.61 -25.09
TILDEN___115KV_TB1 80814	28.37 -0.10 -3.67	26.76 -0.07 -2.86	24.18 -0.08 -3.10	23.32 -0.08 -3.19	25.69 -0.14 -2.66	27.77 -0.12 -2.90	34.55 -0.09 -6.05	36.36 -0.06 -7.74	31.30 -0.10 -6.14	28.38 -0.11 -5.57	29.91 -0.08 -1.92	26.19 -0.12 -2.05	26.12 -0.10 -1.91	26.14 -0.12 -1.85	25.36 -0.12 -2.38	26.51 -0.07 -3.11	28.28 -0.02 -4.25	33.15 0.03 -6.52	28.99 0.07 -5.87	28.27 0.09 -5.11	23.44 0.07 -5.69	19.25 0.04 -5.79	14.04 0.02 -6.21	18.06 0.05 -4.71
TRIGEN___CC 323695	49.86 1.83 -23.23	44.78 1.85 -18.96	66.80 1.65 -43.98	46.51 1.58 -24.73	46.34 1.78 -21.38	83.28 1.97 -56.31	69.30 2.23 -38.49	81.51 2.38 -50.45	59.97 2.05 -32.66	54.22 1.65 -29.64	40.57 2.27 -10.22	37.20 2.01 -10.92	37.35 2.16 -10.88	36.73 2.12 -10.18	37.98 1.92 -12.97	43.14 1.92 -17.75	60.61 2.00 -34.56	74.23 2.26 -45.37	64.48 1.89 -39.54	61.68 1.82 -36.79	60.55 1.31 -41.56	58.60 1.02 -44.17	41.48 0.63 -33.04	39.42 1.04 -25.09
TRINITY___115KV__ 4 BK 55933	50.10 0.94 -24.37	43.83 0.91 -18.94	42.51 0.80 -20.54	42.15 0.77 -21.18	41.69 0.86 -17.66	45.20 0.97 -19.23	69.75 1.03 -40.14	80.90 0.89 -51.33	66.86 0.88 -40.71	60.75 0.87 -36.96	41.74 0.93 -12.74	38.70 0.82 -13.61	37.82 0.85 -12.66	37.59 0.93 -12.24	39.78 0.88 -15.80	44.89 0.77 -20.66	52.96 0.75 -28.16	70.67 0.82 -43.25	62.75 0.74 -38.96	57.65 0.72 -33.87	55.92 0.50 -37.74	52.18 0.38 -38.38	49.20 0.23 -41.17	44.96 0.39 -31.28
UNION___PROCESSING_DRP 323587	28.40 -0.45 -4.05	26.74 -0.38 -3.15	24.16 -0.42 -3.41	23.34 -0.38 -3.52	25.60 -0.51 -2.93	27.67 -0.52 -3.20	34.62 -0.63 -6.67	36.44 -0.77 -8.53	31.35 -0.68 -6.77	28.47 -0.60 -6.14	29.52 -0.67 -2.12	25.92 -0.61 -2.26	25.83 -0.58 -2.10	25.87 -0.59 -2.03	25.17 -0.55 -2.63	26.33 -0.56 -3.43	28.14 -0.60 -4.68	33.26 -0.53 -7.19	29.16 -0.37 -6.48	28.28 -0.42 -5.63	23.67 -0.28 -6.27	19.60 -0.20 -6.38	14.57 -0.08 -6.84	18.41 -0.08 -5.20
UPPER HUDSON___HYD 24058	50.73 0.89 -25.04	44.23 0.79 -19.47	42.97 0.70 -21.11	42.62 0.65 -21.77	42.08 0.76 -18.15	45.68 0.93 -19.76	71.09 1.26 -41.25	82.66 1.20 -52.77	68.16 1.04 -41.85	61.67 0.76 -37.99	42.07 0.90 -13.09	38.84 0.58 -13.99	37.93 0.61 -13.02	37.59 0.59 -12.59	39.94 0.60 -16.24	45.47 0.77 -21.24	53.92 0.91 -28.95	72.16 1.12 -44.45	64.06 0.97 -40.04	58.87 0.99 -34.81	57.20 0.73 -38.79	53.43 0.56 -39.45	50.41 0.29 -42.31	45.89 0.45 -32.14
UPPER RAQUET___HYD 24056	25.10 -0.25 -0.56	24.07 -0.34 -0.44	21.36 -0.28 -0.47	20.41 -0.28 -0.49	23.37 -0.21 -0.41	25.11 -0.33 -0.44	28.93 -0.57 -0.92	29.34 -0.49 -1.14	25.87 -0.30 -0.91	23.44 -0.30 -0.82	27.91 -0.45 -0.28	24.20 -0.36 -0.30	24.20 -0.39 -0.28	24.35 -0.34 -0.27	23.17 -0.28 -0.35	23.45 -0.47 -0.46	24.04 -0.65 -0.63	26.80 -0.80 -0.99	23.18 -0.76 -0.90	27.71 -0.74 -5.39	18.09 -0.46 -0.87	14.06 -0.24 -0.88	9.76 -0.15 -2.10	16.74 -0.40 -3.84
VALLEY44_115KV_TB2 355964	28.33 -1.39 -4.93	26.68 -1.13 -3.83	24.22 -1.10 -4.15	23.46 -1.03 -4.28	25.40 -1.34 -3.57	27.54 -1.35 -3.89	34.96 -1.74 -8.12	36.20 -1.95 -9.47	30.99 -1.79 -7.51	28.70 -1.70 -7.48	28.53 -1.94 -2.39	25.39 -1.63 -2.75	25.29 -1.58 -2.56	25.21 -1.68 -2.48	24.63 -1.66 -3.20	25.52 -1.76 -3.81	27.57 -1.68 -5.20	33.04 -1.54 -7.98	28.79 -1.45 -7.19	28.28 -1.64 -6.85	24.08 -1.24 -7.64	20.34 -0.85 -7.76	15.72 -0.41 -8.33	19.01 -0.61 -6.33
VALLEY___115KV_TB 1-4 80826	26.20 0.92 -0.49	25.25 0.89 -0.38	22.34 0.76 -0.42	21.34 0.71 -0.43	24.37 0.83 -0.36	26.31 0.92 -0.39	30.54 1.14 -0.82	30.87 1.15 -1.04	27.08 0.99 -0.83	24.54 0.87 -0.75	29.43 1.09 -0.26	25.44 0.90 -0.28	25.44 0.88 -0.26	25.55 0.88 -0.25	24.23 0.81 -0.32	24.70 0.82 -0.42	25.52 0.89 -0.57	28.36 0.88 -0.88	24.58 0.74 -0.79	24.45 0.69 -0.69	18.98 0.53 -0.77	14.56 0.36 -0.78	8.86 0.22 -0.84	14.30 0.37 -0.64
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	35.28 1.39 -9.09	32.39 1.34 -7.07	29.99 1.16 -7.66	29.18 1.07 -7.90	30.99 1.23 -6.59	33.60 1.42 -7.18	45.45 1.89 -14.98	49.65 1.89 -19.08	41.97 1.57 -15.13	38.07 1.35 -13.79	34.58 1.77 -4.74	30.70 1.36 -5.08	30.32 1.29 -4.73	30.26 1.27 -4.57	30.19 1.20 -5.90	32.45 1.31 -7.68	36.07 1.54 -10.47	44.38 1.70 -16.07	38.98 1.45 -14.48	37.11 1.41 -12.64	32.79 1.03 -14.09	28.45 0.71 -14.32	23.59 0.42 -15.37	25.69 0.72 -11.67
VISCHER___FERRY HYD 24020	50.63 1.26 -24.57	44.29 1.22 -19.10	42.93 1.06 -20.71	42.57 1.01 -21.35	42.13 1.16 -17.80	45.68 1.30 -19.39	70.56 1.51 -40.47	81.92 1.46 -51.77	67.62 1.29 -41.06	61.34 1.15 -37.27	42.30 1.38 -12.85	39.13 1.14 -13.73	38.25 1.17 -12.77	37.94 1.17 -12.35	40.14 1.11 -15.94	45.45 1.15 -20.84	53.66 1.20 -28.40	71.56 1.36 -43.61	63.53 1.20 -39.28	58.37 1.15 -34.15	56.57 0.83 -38.05	52.75 0.63 -38.70	49.69 0.37 -41.51	45.46 0.63 -31.53
V_A_10_SYNC_DSASP 323832	28.06 -0.99 -4.26	26.47 -0.82 -3.31	23.91 -0.85 -3.59	23.14 -0.77 -3.70	25.24 -1.02 -3.08	27.31 -1.05 -3.36	34.19 -1.40 -7.01	36.44 -1.75 -9.51	31.35 -1.47 -7.54	28.17 -1.26 -6.51	28.90 -1.52 -2.34	25.40 -1.26 -2.40	25.35 -1.19 -2.23	25.38 -1.20 -2.16	24.68 -1.20 -2.78	26.07 -1.22 -3.83	27.93 -1.35 -5.22	33.14 -1.41 -7.95	29.15 -1.06 -7.16	27.85 -1.13 -5.92	23.45 -0.83 -6.59	19.57 -0.55 -6.71	14.76 -0.23 -7.19	18.48 -0.28 -5.46
V_CMM_10_SYNC_DSASP 323787	24.50 -0.30 0.00	23.64 -0.34 0.00	20.89 -0.28 0.00	19.94 -0.26 0.00	22.92 -0.25 0.00	24.70 -0.30 0.00	28.18 -0.40 0.00	28.31 -0.37 0.00	24.99 -0.28 0.00	22.69 -0.23 0.00	27.71 -0.37 0.00	23.97 -0.29 0.00	24.02 -0.29 0.00	24.15 -0.27 0.00	22.87 -0.23 0.00	23.20 -0.26 0.00	23.72 -0.34 0.00	26.17 -0.43 0.00	22.64 -0.41 0.00	22.67 -0.39 0.00	17.40 -0.28 0.00	13.22 -0.20 0.00	7.66 -0.14 0.00	13.02 -0.28 0.00

V_CMP_10_SYNC_DSASP 323788	24.30 -0.50 0.00	23.30 -0.67 0.00	20.61 -0.55 0.00	19.74 -0.46 0.00	22.78 -0.39 0.00	24.57 -0.43 0.00	28.15 -0.43 0.00	27.97 -0.72 0.00	24.71 -0.56 0.00	22.51 -0.41 0.00	27.40 -0.67 0.00	23.61 -0.65 0.00	23.58 -0.73 0.00	23.86 -0.56 0.00	22.70 -0.39 0.00	23.09 -0.38 0.00	23.51 -0.55 0.00	25.64 -0.96 0.00	21.92 -1.13 0.00	-7.00 -1.13 28.94	16.94 -0.74 0.00	12.87 -0.55 0.00	0.19 -0.36 7.25	-6.96 -0.68 19.58
V_D_10_SYNC_DSASP 323841	27.59 -1.71 -4.51	25.99 -1.49 -3.50	23.52 -1.44 -3.80	22.79 -1.33 -3.92	24.72 -1.71 -3.27	26.78 -1.77 -3.56	33.66 -2.34 -7.42	34.16 -2.81 -8.29	29.49 -2.35 -6.57	27.75 -2.06 -6.89	27.69 -2.50 -2.11	24.79 -2.01 -2.54	24.75 -1.92 -2.36	24.75 -1.95 -2.28	24.08 -1.96 -2.95	24.78 -2.02 -3.34	26.42 -2.19 -4.55	31.17 -2.34 -6.92	27.44 -1.84 -6.23	27.39 -1.94 -6.27	23.21 -1.45 -6.98	19.53 -0.99 -7.10	14.93 -0.46 -7.59	18.43 -0.64 -5.77
V_E_10_SYNC_DSASP 323830	34.04 2.03 -7.22	31.52 1.94 -5.61	28.94 1.69 -6.08	28.01 1.53 -6.27	30.21 1.81 -5.23	32.84 2.15 -5.69	43.55 3.09 -11.88	46.98 3.15 -15.15	39.78 2.50 -12.01	35.92 2.02 -10.99	34.31 2.47 -3.76	30.03 1.72 -4.05	29.68 1.60 -3.76	29.62 1.56 -3.64	29.29 1.50 -4.70	31.27 1.71 -6.10	34.49 2.12 -8.31	41.73 2.42 -12.71	36.53 2.03 -11.45	34.99 1.89 -10.03	30.24 1.38 -11.17	25.67 0.89 -11.36	20.52 0.52 -12.19	23.38 0.82 -9.26
V_F_30_NSYNC_DSASP 323816	51.18 1.41 -24.98	44.71 1.32 -19.41	43.38 1.16 -21.05	43.02 1.11 -21.71	42.54 1.27 -18.10	46.13 1.42 -19.71	71.49 1.77 -41.14	83.00 1.69 -52.63	68.47 1.46 -41.74	62.02 1.21 -37.89	42.62 1.49 -13.06	39.38 1.16 -13.96	38.46 1.17 -12.98	38.14 1.17 -12.55	40.43 1.13 -16.20	45.91 1.27 -21.18	54.30 1.37 -28.87	72.52 1.60 -44.33	64.36 1.38 -39.93	59.17 1.38 -34.72	57.39 1.03 -38.68	53.52 0.76 -39.34	50.43 0.43 -42.20	46.07 0.72 -32.05
V_F_30_SYNC_DSASP 323786	50.36 1.04 -24.53	44.02 0.98 -19.06	42.71 0.87 -20.67	42.35 0.83 -21.32	41.89 0.95 -17.77	45.43 1.07 -19.36	70.09 1.11 -40.40	81.32 0.98 -51.67	67.21 0.96 -40.98	61.06 0.94 -37.20	41.91 1.01 -12.82	38.84 0.87 -13.70	37.98 0.92 -12.74	37.74 1.00 -12.32	39.95 0.95 -15.90	45.12 0.87 -20.79	53.24 0.84 -28.34	71.09 0.96 -43.53	63.09 0.83 -39.22	57.97 0.81 -34.10	56.26 0.58 -37.99	52.48 0.43 -38.63	49.51 0.26 -41.44	45.20 0.43 -31.48
V_XM_10_SYNC_DSASP 323789	24.30 -0.50 0.00	23.30 -0.67 0.00	20.61 -0.55 0.00	19.74 -0.46 0.00	22.78 -0.39 0.00	24.57 -0.43 0.00	28.15 -0.43 0.00	27.97 -0.72 0.00	24.71 -0.56 0.00	22.51 -0.41 0.00	27.40 -0.67 0.00	23.61 -0.65 0.00	23.58 -0.73 0.00	23.86 -0.56 0.00	22.70 -0.39 0.00	23.09 -0.38 0.00	23.51 -0.55 0.00	25.64 -0.96 0.00	21.92 -1.13 0.00	-7.00 -1.13 28.94	16.94 -0.74 0.00	12.87 -0.55 0.00	0.19 -0.36 7.25	-6.96 -0.68 19.58
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	44.80 1.14 -18.87	39.79 1.15 -14.66	38.10 1.04 -15.90	37.59 0.99 -16.40	37.95 1.11 -13.67	41.11 1.22 -14.89	61.03 1.37 -31.07	69.97 1.55 -39.74	58.05 1.26 -31.52	52.66 1.12 -28.61	39.48 1.54 -9.86	36.26 1.46 -10.54	35.55 1.43 -9.80	35.29 1.39 -9.48	36.60 1.27 -12.23	40.72 1.27 -15.99	47.21 1.35 -21.80	61.68 1.60 -33.48	54.50 1.29 -30.16	50.49 1.20 -26.22	47.75 0.85 -29.22	43.81 0.67 -29.72	40.07 0.39 -31.88	38.21 0.70 -24.21
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	45.70 1.36 -19.54	40.53 1.37 -15.19	38.84 1.21 -16.47	38.34 1.15 -16.98	38.65 1.32 -14.16	41.89 1.47 -15.42	62.42 1.66 -32.19	71.71 1.86 -41.16	59.48 1.57 -32.65	54.00 1.44 -29.64	40.28 1.99 -10.21	37.02 1.84 -10.92	36.29 1.82 -10.15	35.99 1.76 -9.82	37.41 1.64 -12.67	41.67 1.64 -16.56	48.32 1.68 -22.58	63.20 1.92 -34.68	55.86 1.57 -31.24	51.70 1.48 -27.16	48.97 1.03 -30.26	45.02 0.82 -30.78	41.30 0.48 -33.02	39.23 0.85 -25.08
W50THST__13_KV_LOAD 356117	45.80 1.46 -19.54	40.63 1.46 -15.19	38.93 1.29 -16.47	38.42 1.23 -16.98	38.74 1.41 -14.16	41.99 1.57 -15.42	62.57 1.80 -32.19	71.85 2.01 -41.16	59.61 1.69 -32.65	54.14 1.58 -29.64	40.45 2.16 -10.21	37.17 1.99 -10.92	36.43 1.97 -10.15	36.14 1.90 -9.82	37.55 1.78 -12.67	41.79 1.76 -16.56	48.47 1.83 -22.58	63.33 2.05 -34.68	56.00 1.71 -31.24	51.84 1.61 -27.16	49.06 1.11 -30.26	45.07 0.87 -30.78	41.33 0.51 -33.02	39.29 0.92 -25.08
WADING RIVER_IC_1 23522	53.22 2.85 -25.57	46.90 2.83 -20.10	43.77 2.45 -20.15	43.24 2.36 -20.67	40.97 2.66 -15.13	48.83 2.95 -20.89	74.50 3.43 -42.49	88.66 3.61 -56.36	61.04 3.08 -32.69	54.96 2.38 -29.66	41.41 3.12 -10.22	37.83 2.65 -10.92	37.38 2.82 -10.25	37.02 2.73 -9.87	38.41 2.59 -12.73	44.00 2.79 -17.74	61.66 3.03 -34.57	75.40 3.46 -45.35	65.55 2.97 -39.52	62.70 2.86 -36.78	61.35 2.10 -41.56	59.17 1.58 -44.17	41.79 0.94 -33.04	39.89 1.50 -25.09
WADING RIVER_IC_2 23547	53.22 2.85 -25.57	46.90 2.83 -20.10	43.77 2.45 -20.15	43.24 2.36 -20.67	40.97 2.66 -15.13	48.83 2.95 -20.89	74.50 3.43 -42.49	88.66 3.61 -56.36	61.04 3.08 -32.69	54.96 2.38 -29.66	41.41 3.12 -10.22	37.83 2.65 -10.92	37.38 2.82 -10.25	37.02 2.73 -9.87	38.41 2.59 -12.73	44.00 2.79 -17.74	61.66 3.03 -34.57	75.40 3.46 -45.35	65.55 2.97 -39.52	62.70 2.86 -36.78	61.35 2.10 -41.56	59.17 1.58 -44.17	41.79 0.94 -33.04	39.89 1.50 -25.09
WADING RIVER_IC_3 23601	53.22 2.85 -25.57	46.90 2.83 -20.10	43.77 2.45 -20.15	43.24 2.36 -20.67	40.97 2.66 -15.13	48.83 2.95 -20.89	74.50 3.43 -42.49	88.66 3.61 -56.36	61.04 3.08 -32.69	54.96 2.38 -29.66	41.41 3.12 -10.22	37.83 2.65 -10.92	37.38 2.82 -10.25	37.02 2.73 -9.87	38.41 2.59 -12.73	44.00 2.79 -17.74	61.66 3.03 -34.57	75.40 3.46 -45.35	65.55 2.97 -39.52	62.70 2.86 -36.78	61.35 2.10 -41.56	59.17 1.58 -44.17	41.79 0.94 -33.04	39.89 1.50 -25.09
WALDENNY_12_KV_BK2 80841	28.43 -1.04 -4.68	26.80 -0.82 -3.64	24.26 -0.85 -3.94	23.50 -0.77 -4.07	25.50 -1.07 -3.39	27.61 -1.07 -3.69	34.83 -1.46 -7.71	35.69 -1.75 -8.76	30.70 -1.52 -6.95	28.66 -1.35 -7.10	28.72 -1.57 -2.22	25.57 -1.31 -2.61	25.50 -1.24 -2.43	25.47 -1.29 -2.35	24.84 -1.29 -3.03	25.65 -1.34 -3.53	27.45 -1.42 -4.81	32.54 -1.44 -7.38	28.54 -1.15 -6.65	28.28 -1.29 -6.50	23.97 -0.95 -7.25	20.16 -0.63 -7.37	15.43 -0.28 -7.90	18.94 -0.36 -6.00
WALDEN__HYDRO 24148	45.08 1.21 -19.07	40.02 1.22 -14.83	38.32 1.08 -16.08	37.81 1.03 -16.58	38.15 1.16 -13.82	41.30 1.25 -15.05	61.43 1.43 -31.42	70.46 1.58 -40.20	58.41 1.26 -31.88	52.94 1.08 -28.94	39.48 1.43 -9.97	36.21 1.29 -10.66	35.49 1.26 -9.92	35.23 1.22 -9.59	36.60 1.13 -12.37	40.84 1.20 -16.18	47.43 1.32 -22.05	61.99 1.54 -33.85	54.84 1.29 -30.50	50.78 1.20 -26.51	48.11 0.88 -29.54	44.15 0.68 -30.04	40.42 0.39 -32.23	38.45 0.68 -24.48
WARRENSBURG____ 23737	50.73 0.89 -25.04	44.23 0.79 -19.47	42.97 0.70 -21.11	42.62 0.65 -21.77	42.08 0.76 -18.15	45.68 0.93 -19.76	71.09 1.26 -41.25	82.66 1.20 -52.77	68.16 1.04 -41.85	61.67 0.76 -37.99	42.07 0.90 -13.09	38.84 0.58 -13.99	37.93 0.61 -13.02	37.59 0.59 -12.59	39.94 0.60 -16.24	45.47 0.77 -21.24	53.92 0.91 -28.95	72.16 1.12 -44.45	64.06 0.97 -40.04	58.87 0.99 -34.81	57.20 0.73 -38.79	53.43 0.56 -39.45	50.41 0.29 -42.31	45.89 0.45 -32.14

WATERSIDE___6 8 9 23538	45.85 1.51 -19.54	40.65 1.49 -15.19	38.95 1.31 -16.47	38.44 1.25 -16.98	38.77 1.44 -14.16	41.92 1.50 -15.42	62.31 1.54 -32.19	71.60 1.75 -41.17	59.41 1.49 -32.65	53.98 1.42 -29.64	40.31 2.02 -10.21	37.05 1.87 -10.92	36.31 1.85 -10.15	36.02 1.78 -9.82	37.43 1.66 -12.67	41.67 1.64 -16.57	48.35 1.71 -22.58	63.15 1.86 -34.69	55.86 1.57 -31.25	51.73 1.50 -27.17	48.98 1.03 -30.27	45.02 0.82 -30.78	41.32 0.49 -33.02	39.32 0.93 -25.09
WATKINRD_115KV_LN8_ILLION 55919	25.96 0.67 -0.49	25.01 0.65 -0.38	22.15 0.57 -0.42	21.16 0.53 -0.43	24.13 0.60 -0.36	26.06 0.67 -0.39	30.25 0.86 -0.82	30.56 0.83 -1.04	26.80 0.71 -0.83	24.31 0.64 -0.75	29.12 0.79 -0.26	25.17 0.63 -0.28	25.20 0.63 -0.26	25.30 0.63 -0.25	24.00 0.58 -0.32	24.47 0.59 -0.42	25.28 0.65 -0.57	28.17 0.69 -0.88	24.42 0.58 -0.79	24.31 0.55 -0.69	18.87 0.42 -0.77	14.49 0.30 -0.78	8.82 0.18 -0.84	14.22 0.29 -0.64
WATSON___69_KV_BK 1 55734	53.16 2.90 -25.47	46.86 2.83 -20.06	45.22 2.48 -21.58	43.53 2.38 -20.94	41.37 2.69 -15.51	50.98 2.97 -23.01	74.38 3.49 -42.32	88.41 3.64 -56.08	61.06 3.13 -32.66	55.00 2.43 -29.64	41.46 3.17 -10.22	37.87 2.69 -10.92	37.49 2.89 -10.28	37.08 2.78 -9.88	38.34 2.61 -12.63	43.99 2.79 -17.74	61.62 3.01 -34.56	75.41 3.46 -45.35	65.50 2.93 -39.52	62.68 2.84 -36.78	61.35 2.10 -41.56	59.18 1.60 -44.17	41.80 0.95 -33.04	39.90 1.52 -25.09
WDELAWARE___HYD 323627	43.76 1.12 -17.86	38.96 1.10 -13.88	37.19 0.97 -15.05	36.63 0.91 -15.52	37.15 1.04 -12.94	40.21 1.13 -14.09	59.30 1.32 -29.41	67.83 1.52 -37.63	56.25 1.14 -29.85	50.96 0.94 -27.09	38.65 1.23 -9.34	35.31 1.07 -9.98	34.61 1.02 -9.28	34.34 0.95 -8.98	35.58 0.90 -11.58	39.62 1.01 -15.14	45.88 1.18 -20.64	59.70 1.41 -31.69	52.75 1.15 -28.55	48.95 1.06 -24.82	46.13 0.80 -27.65	42.15 0.60 -28.12	38.31 0.34 -30.17	36.80 0.58 -22.92
WEST BABYLON___IC 23714	52.71 2.65 -25.27	46.57 2.61 -19.98	47.99 2.29 -24.54	43.90 2.20 -21.49	41.96 2.50 -16.28	55.16 2.75 -27.42	73.75 3.20 -41.97	87.55 3.30 -55.57	60.76 2.83 -32.66	54.77 2.20 -29.64	41.21 2.92 -10.22	37.68 2.50 -10.92	37.37 2.70 -10.36	36.93 2.59 -9.92	38.17 2.40 -12.67	43.73 2.53 -17.74	61.33 2.72 -34.56	75.04 3.09 -45.35	65.22 2.65 -39.52	62.41 2.56 -36.78	61.17 1.93 -41.56	59.05 1.46 -44.17	41.73 0.88 -33.04	39.79 1.41 -25.09
WEST CANADA___HYD 24049	25.41 0.12 -0.49	24.50 0.14 -0.38	21.69 0.11 -0.42	20.74 0.10 -0.43	23.65 0.12 -0.36	25.54 0.15 -0.39	29.60 0.20 -0.82	29.75 0.17 -0.90	26.13 0.15 -0.71	23.68 0.12 -0.65	28.47 0.17 -0.22	24.62 0.12 -0.24	24.65 0.12 -0.22	24.75 0.12 -0.21	23.47 0.09 -0.28	23.92 0.09 -0.36	24.67 0.12 -0.49	27.61 0.13 -0.88	23.96 0.12 -0.79	23.85 0.09 -0.69	18.52 0.07 -0.77	14.24 0.04 -0.78	8.67 0.03 -0.84	13.99 0.05 -0.64
WESTERN_NY_WIND 24143	28.57 -0.57 -4.35	26.90 -0.46 -3.38	24.30 -0.53 -3.67	23.54 -0.44 -3.78	25.68 -0.65 -3.15	27.78 -0.65 -3.43	34.98 -0.77 -7.17	36.13 -1.00 -8.45	31.03 -0.93 -6.70	28.70 -0.83 -6.60	29.25 -0.95 -2.13	25.85 -0.85 -2.43	25.77 -0.80 -2.26	25.77 -0.83 -2.19	25.11 -0.81 -2.82	26.04 -0.82 -3.40	27.81 -0.89 -4.64	32.97 -0.74 -7.12	28.95 -0.51 -6.41	28.49 -0.62 -6.05	23.96 -0.46 -6.74	19.97 -0.31 -6.86	15.04 -0.12 -7.35	18.77 -0.11 -5.58
WESTOVER___LESR 323668	32.52 0.15 -7.57	30.05 0.19 -5.89	27.70 0.15 -6.38	26.93 0.14 -6.58	28.78 0.12 -5.49	31.12 0.15 -5.98	41.26 0.20 -12.48	44.68 0.20 -15.80	37.93 0.13 -12.53	34.48 0.07 -11.49	32.17 0.17 -3.93	28.62 0.12 -4.23	28.37 0.12 -3.94	28.32 0.10 -3.81	28.08 0.07 -4.91	29.92 0.09 -6.36	32.90 0.17 -8.67	40.18 0.27 -13.31	35.30 0.25 -11.99	33.80 0.21 -10.53	29.57 0.16 -11.73	25.47 0.12 -11.93	20.69 0.09 -12.80	23.19 0.17 -9.72
WETHRSFD_WT_PWR 323626	28.89 -1.02 -5.11	27.16 -0.79 -3.97	24.67 -0.80 -4.31	23.90 -0.75 -4.44	25.88 -1.00 -3.70	28.05 -0.98 -4.03	35.60 -1.40 -8.42	37.04 -1.63 -9.99	31.75 -1.44 -7.93	29.49 -1.24 -7.81	29.13 -1.46 -2.51	25.90 -1.24 -2.88	25.77 -1.21 -2.68	25.73 -1.27 -2.59	25.17 -1.27 -3.34	26.17 -1.31 -4.02	28.20 -1.35 -5.48	33.41 -1.54 -8.35	29.45 -1.13 -7.52	28.90 -1.27 -7.11	24.66 -0.94 -7.92	20.83 -0.64 -8.05	16.14 -0.30 -8.64	19.47 -0.39 -6.56
WHAVSTOR_138KV_BK127 55557	44.72 1.04 -18.89	39.71 1.05 -14.68	38.04 0.95 -15.92	37.53 0.91 -16.41	37.88 1.02 -13.68	41.03 1.12 -14.91	60.95 1.26 -31.11	69.90 1.43 -39.79	57.98 1.16 -31.55	52.62 1.05 -28.64	39.41 1.46 -9.87	36.20 1.38 -10.55	35.48 1.36 -9.81	35.23 1.32 -9.49	36.54 1.20 -12.25	40.67 1.20 -16.01	47.14 1.25 -21.83	61.61 1.49 -33.52	54.45 1.20 -30.20	50.43 1.11 -26.25	47.71 0.78 -29.25	43.79 0.62 -29.75	40.08 0.37 -31.91	38.19 0.65 -24.24
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	44.72 1.04 -18.89	39.71 1.05 -14.68	38.04 0.95 -15.92	37.53 0.91 -16.41	37.88 1.02 -13.68	41.03 1.12 -14.91	60.95 1.26 -31.11	69.90 1.43 -39.79	57.98 1.16 -31.55	52.62 1.05 -28.64	39.41 1.46 -9.87	36.20 1.38 -10.55	35.48 1.36 -9.81	35.23 1.32 -9.49	36.54 1.20 -12.25	40.67 1.20 -16.01	47.14 1.25 -21.83	61.61 1.49 -33.52	54.45 1.20 -30.20	50.43 1.11 -26.25	47.71 0.78 -29.25	43.79 0.62 -29.75	40.08 0.37 -31.91	38.19 0.65 -24.24
WHITEHAL_115KV_TB1 80871	51.39 1.59 -25.01	44.85 1.44 -19.44	43.49 1.25 -21.08	43.11 1.17 -21.74	42.66 1.37 -18.12	46.36 1.62 -19.74	71.95 2.17 -41.19	83.46 2.09 -52.68	68.82 1.77 -41.78	62.16 1.31 -37.93	42.75 1.60 -13.07	39.35 1.12 -13.97	38.42 1.12 -13.00	38.08 1.10 -12.57	40.45 1.13 -16.22	46.02 1.36 -21.20	54.52 1.56 -28.90	72.90 1.92 -44.39	64.72 1.68 -39.99	59.54 1.71 -34.77	57.69 1.27 -38.74	53.75 0.94 -39.39	50.56 0.50 -42.26	46.17 0.77 -32.10
WHITEPLN_13_KV_LOAD 356215	45.79 1.49 -19.51	40.62 1.49 -15.16	38.92 1.31 -16.44	38.43 1.27 -16.95	38.72 1.41 -14.13	42.04 1.65 -15.39	62.65 1.94 -32.13	71.98 2.21 -41.09	59.70 1.84 -32.59	54.20 1.70 -29.58	40.46 2.19 -10.19	37.12 1.97 -10.90	36.39 1.94 -10.13	36.10 1.88 -9.80	37.50 1.76 -12.65	41.80 1.81 -16.53	48.50 1.90 -22.54	63.40 2.18 -34.62	56.08 1.84 -31.18	51.93 1.75 -27.11	49.15 1.26 -30.21	45.09 0.95 -30.72	41.31 0.55 -32.96	39.29 0.96 -25.03
WM_FLOYD_69_KV_BK2 356380	53.21 2.85 -25.57	46.88 2.81 -20.10	43.84 2.43 -20.24	43.24 2.34 -20.69	40.97 2.64 -15.16	48.97 2.95 -21.02	74.49 3.43 -42.48	88.62 3.61 -56.33	60.99 3.06 -32.66	54.93 2.36 -29.64	41.38 3.09 -10.22	37.78 2.60 -10.92	37.35 2.80 -10.25	36.99 2.71 -9.86	38.27 2.56 -12.61	43.97 2.77 -17.74	61.62 3.01 -34.56	75.41 3.46 -45.35	65.50 2.93 -39.52	62.68 2.84 -36.78	61.31 2.07 -41.56	59.15 1.57 -44.17	41.78 0.94 -33.04	39.87 1.49 -25.09
WOODARD__115KV_TB2 355635	27.93 -0.25 -3.39	26.39 -0.22 -2.63	23.83 -0.19 -2.85	22.97 -0.18 -2.94	25.37 -0.25 -2.45	27.39 -0.27 -2.67	33.90 -0.26 -5.58	35.56 -0.26 -7.13	30.67 -0.25 -5.66	27.83 -0.23 -5.14	29.59 -0.25 -1.77	25.91 -0.24 -1.89	25.85 -0.22 -1.76	25.87 -0.24 -1.70	25.06 -0.23 -2.20	26.12 -0.21 -2.87	27.80 -0.17 -3.91	32.47 -0.13 -6.01	28.39 -0.07 -5.41	27.73 -0.05 -4.71	22.91 -0.02 -5.24	18.73 -0.03 -5.33	13.51 -0.02 -5.72	17.63 -0.01 -4.35

YORK__WARBASSE	45.95	40.77	39.03	38.52	38.86	41.97	62.26	71.57	59.36	53.94	40.31	37.05	36.34	36.04	37.46	41.70	48.35	63.17	55.89	51.73	48.96	45.05	41.34	39.37
23770	1.61	1.61	1.40	1.33	1.53	1.55	1.49	1.72	1.44	1.38	2.02	1.87	1.87	1.81	1.69	1.67	1.71	1.89	1.59	1.50	1.01	0.85	0.52	0.98
	-19.54	-15.19	-16.47	-16.98	-14.16	-15.42	-32.19	-41.17	-32.65	-29.64	-10.21	-10.92	-10.15	-9.82	-12.67	-16.57	-22.58	-34.69	-31.25	-27.17	-30.27	-30.78	-33.02	-25.09