

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

05/05/2026

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	34.95	32.11	31.99	31.98	32.71	35.64	43.66	44.05	38.10	33.57	32.40	34.29	37.15	38.28	39.90	49.53	53.43	55.95	68.24	75.31	77.05	62.04	48.71	39.32
24138	1.11	1.12	0.91	0.98	1.03	1.87	2.86	3.45	2.81	2.40	2.53	2.49	2.45	2.93	3.25	3.61	4.47	5.03	6.23	7.36	7.57	5.95	4.47	3.35
	-21.45	-18.37	-20.52	-19.73	-19.68	-12.99	-9.73	-5.75	-8.51	-10.13	-8.61	-10.68	-14.49	-11.94	-10.43	-17.25	-13.51	-11.01	-10.05	-5.05	0.00	0.00	0.00	0.00
74TH STREET_GT_1	34.93	32.09	31.98	31.97	32.71	35.60	43.59	43.98	38.04	33.53	32.36	34.25	37.11	38.23	39.84	49.47	53.36	55.87	68.19	75.25	76.98	61.98	48.67	39.28
24260	1.10	1.11	0.90	0.97	1.03	1.83	2.80	3.38	2.76	2.36	2.49	2.45	2.41	2.88	3.20	3.55	4.40	4.95	6.18	7.30	7.50	5.89	4.42	3.31
	-21.45	-18.37	-20.52	-19.73	-19.68	-13.00	-9.73	-5.75	-8.51	-10.13	-8.61	-10.68	-14.49	-11.94	-10.43	-17.25	-13.51	-11.01	-10.05	-5.05	0.00	0.00	0.00	0.00
74TH STREET_GT_2	34.93	32.09	31.98	31.97	32.71	35.60	43.59	43.98	38.04	33.53	32.36	34.25	37.11	38.23	39.84	49.47	53.36	55.87	68.19	75.25	76.98	61.98	48.67	39.28
24261	1.10	1.11	0.90	0.97	1.03	1.83	2.80	3.38	2.76	2.36	2.49	2.45	2.41	2.88	3.20	3.55	4.40	4.95	6.18	7.30	7.50	5.89	4.42	3.31
	-21.45	-18.37	-20.52	-19.73	-19.68	-13.00	-9.73	-5.75	-8.51	-10.13	-8.61	-10.68	-14.49	-11.94	-10.43	-17.25	-13.51	-11.01	-10.05	-5.05	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	38.39	35.05	35.35	35.17	35.89	37.42	44.91	44.14	38.51	34.01	32.35	34.62	38.12	38.47	39.67	50.18	52.66	54.86	66.94	73.46	74.61	60.41	47.34	38.56
24011	0.83	0.87	0.71	0.73	0.79	1.39	2.42	2.58	1.79	1.14	1.04	1.03	0.99	1.12	1.28	1.35	1.95	2.51	3.64	4.78	5.14	4.32	3.10	2.59
	-25.18	-21.56	-24.09	-23.17	-23.10	-15.26	-11.43	-6.72	-9.94	-11.83	-10.05	-12.46	-16.92	-13.94	-12.17	-20.17	-15.26	-12.43	-11.35	-5.78	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	38.46	35.12	35.42	35.23	35.96	37.53	45.00	44.32	38.62	34.08	32.41	34.68	38.19	38.56	39.77	49.67	52.06	54.15	66.18	72.55	73.50	59.51	46.67	38.78
23798	0.89	0.93	0.76	0.79	0.85	1.50	2.61	2.75	1.90	1.18	1.08	1.08	1.03	1.19	1.36	0.83	1.35	1.80	2.80	3.84	4.03	3.42	2.43	2.81
	-25.19	-21.57	-24.10	-23.17	-23.11	-15.26	-11.33	-6.72	-9.95	-11.85	-10.07	-12.49	-16.95	-13.96	-12.19	-20.18	-15.26	-12.43	-11.43	-5.82	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	38.39	35.05	35.35	35.17	35.89	37.42	44.91	44.14	38.51	34.01	32.35	34.62	38.12	38.47	39.67	50.18	52.66	54.86	66.94	73.46	74.61	60.41	47.34	38.56
24028	0.83	0.87	0.71	0.73	0.79	1.39	2.42	2.58	1.79	1.14	1.04	1.03	0.99	1.12	1.28	1.35	1.95	2.51	3.64	4.78	5.14	4.32	3.10	2.59
	-25.18	-21.56	-24.09	-23.17	-23.10	-15.26	-11.43	-6.72	-9.94	-11.83	-10.05	-12.46	-16.92	-13.94	-12.17	-20.17	-15.26	-12.43	-11.35	-5.78	0.00	0.00	0.00	0.00
ADK_NYS___DAM	37.78	34.50	34.78	34.63	35.34	36.99	44.20	43.64	38.28	33.93	32.32	34.61	37.96	38.27	39.46	49.74	52.23	54.30	66.05	72.24	73.01	59.12	46.58	38.28
23527	0.76	0.78	0.64	0.69	0.73	1.29	2.02	2.20	1.74	1.26	1.19	1.25	1.13	1.17	1.28	1.29	1.81	2.19	2.91	3.65	3.54	3.03	2.34	2.30
	-24.64	-21.10	-23.58	-22.67	-22.61	-14.93	-11.12	-6.60	-9.77	-11.62	-9.88	-12.24	-16.62	-13.69	-11.96	-19.79	-14.97	-12.19	-11.18	-5.70	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	37.20	33.94	34.27	34.11	34.77	36.13	42.94	42.22	37.15	33.15	31.60	33.82	37.23	37.56	38.70	49.01	51.18	53.29	64.35	70.12	71.00	57.38	45.26	36.84
24190	0.30	0.33	0.25	0.28	0.28	0.50	0.75	0.80	0.64	0.53	0.51	0.51	0.46	0.51	0.58	0.63	0.82	0.96	1.30	1.57	1.53	1.29	1.02	0.86
	-24.52	-21.00	-23.46	-22.56	-22.50	-14.86	-11.13	-6.57	-9.73	-11.58	-9.84	-12.20	-16.55	-13.64	-11.91	-19.71	-14.91	-12.42	-11.09	-5.65	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	12.09	12.28	10.30	11.00	11.74	20.34	30.38	34.05	26.10	20.50	20.79	20.65	19.71	22.85	25.61	28.00	34.78	39.20	51.23	61.39	68.01	55.31	43.67	35.54
355683	-0.30	-0.34	-0.25	-0.27	-0.25	-0.44	-0.68	-0.80	-0.67	-0.55	-0.47	-0.46	-0.51	-0.56	-0.60	-0.66	-0.67	-0.72	-0.73	-1.51	-1.46	-0.79	-0.58	-0.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	37.16	33.92	34.22	34.06	34.74	36.29	43.22	42.54	37.21	33.08	31.51	33.68	37.07	37.45	38.64	48.95	51.79	53.78	65.21	71.34	72.60	58.62	46.19	37.59
323833	0.50	0.52	0.43	0.45	0.47	0.81	1.18	1.19	0.80	0.57	0.51	0.49	0.47	0.54	0.63	0.77	1.24	1.56	2.23	2.83	3.13	2.53	1.94	1.62
	-24.27	-20.79	-23.23	-22.33	-22.28	-14.71	-10.97	-6.51	-9.64	-11.47	-9.74	-12.08	-16.39	-13.50	-11.79	-19.52	-15.10	-12.30	-11.03	-5.62	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	37.16	33.92	34.21	34.06	34.74	36.29	43.22	42.54	37.21	33.08	31.51	33.68	37.07	37.45	38.64	48.95	51.79	53.78	65.16	71.34	72.60	58.62	46.14	37.59
323834	0.50	0.52	0.42	0.45	0.47	0.81	1.18	1.19	0.80	0.57	0.51	0.49	0.47	0.54	0.63	0.77	1.24	1.56	2.18	2.83	3.13	2.53	1.90	1.62
	-24.27	-20.79	-23.23	-22.34	-22.28	-14.71	-10.97	-6.51	-9.64	-11.47	-9.74	-12.08	-16.39	-13.51	-11.79	-19.52	-15.10	-12.30	-11.03	-5.62	0.00	0.00	0.00	0.00
ALBANY___1	37.20	33.94	34.27	34.11	34.77	36.13	42.94	42.22	37.15	33.15	31.60	33.82	37.23	37.56	38.70	49.01	51.18	53.29	64.35	70.12	71.00	57.38	45.26	36.84
23571	0.30	0.33	0.25	0.28	0.28	0.50	0.75	0.80	0.64	0.53	0.51	0.51	0.46	0.51	0.58	0.63	0.82	0.96	1.30	1.57	1.53	1.29	1.02	0.86
	-24.52	-21.00	-23.46	-22.56	-22.50	-14.86	-11.13	-6.57	-9.73	-11.58	-9.84	-12.20	-16.55	-13.64	-11.91	-19.71	-14.91	-12.42	-11.09	-5.65	0.00	0.00	0.00	0.00

ALBANY___2 23572	37.20 0.30 -24.52	33.94 0.33 -21.00	34.27 0.25 -23.46	34.11 0.28 -22.56	34.77 0.28 -22.50	36.13 0.50 -14.86	42.94 0.75 -11.13	42.22 0.80 -6.57	37.15 0.64 -9.73	33.15 0.53 -11.58	31.60 0.51 -9.84	33.82 0.51 -12.20	37.23 0.46 -16.55	37.56 0.51 -13.64	38.70 0.58 -11.91	49.01 0.63 -19.71	51.18 0.82 -14.91	53.29 0.96 -12.42	64.35 1.30 -11.09	70.12 1.57 -5.65	71.00 1.53 0.00	57.38 1.29 0.00	45.26 1.02 0.00	36.84 0.86 0.00
ALBANY___3 23573	37.20 0.30 -24.52	33.94 0.33 -21.00	34.27 0.25 -23.46	34.11 0.28 -22.56	34.77 0.28 -22.50	36.13 0.50 -14.86	42.94 0.75 -11.13	42.22 0.80 -6.57	37.15 0.64 -9.73	33.15 0.53 -11.58	31.60 0.51 -9.84	33.82 0.51 -12.20	37.23 0.46 -16.55	37.56 0.51 -13.64	38.70 0.58 -11.91	49.01 0.63 -19.71	51.18 0.82 -14.91	53.29 0.96 -12.42	64.35 1.30 -11.09	70.12 1.57 -5.65	71.00 1.53 0.00	57.38 1.29 0.00	45.26 1.02 0.00	36.84 0.86 0.00
ALBANY___4 23574	37.20 0.30 -24.52	33.94 0.33 -21.00	34.27 0.25 -23.46	34.11 0.28 -22.56	34.77 0.28 -22.50	36.13 0.50 -14.86	42.94 0.75 -11.13	42.22 0.80 -6.57	37.15 0.64 -9.73	33.15 0.53 -11.58	31.60 0.51 -9.84	33.82 0.51 -12.20	37.23 0.46 -16.55	37.56 0.51 -13.64	38.70 0.58 -11.91	49.01 0.63 -19.71	51.18 0.82 -14.91	53.29 0.96 -12.42	64.35 1.30 -11.09	70.12 1.57 -5.65	71.00 1.53 0.00	57.38 1.29 0.00	45.26 1.02 0.00	36.84 0.86 0.00
ALBANY___LFGE 323615	37.50 0.41 -24.71	34.22 0.44 -21.16	34.55 0.35 -23.64	34.38 0.37 -22.74	35.05 0.38 -22.68	36.43 0.68 -14.97	43.25 1.02 -11.16	42.58 1.11 -6.62	37.46 0.88 -9.80	33.40 0.69 -11.66	31.84 0.68 -9.91	34.08 0.68 -12.28	37.51 0.63 -16.67	37.84 0.70 -13.73	39.00 0.79 -11.99	49.40 0.89 -19.85	51.96 1.17 -15.34	53.82 1.40 -12.50	65.05 1.87 -11.23	70.94 2.33 -5.72	71.76 2.29 0.00	57.94 1.85 0.00	45.66 1.42 0.00	37.23 1.26 0.00
ALCOA_PA_115KV_PL-6C 55860	12.09 -0.30 0.00	12.26 -0.35 0.00	10.29 -0.26 0.00	10.99 -0.28 0.00	11.75 -0.24 0.00	20.36 -0.42 0.00	30.41 -0.65 0.00	34.08 -0.77 0.00	26.08 -0.70 0.00	20.46 -0.59 0.00	20.77 -0.49 0.00	20.65 -0.46 0.00	19.71 -0.50 0.00	22.82 -0.58 0.00	25.59 -0.63 0.00	27.98 -0.69 0.00	34.67 -0.78 0.00	39.24 -0.68 0.00	51.28 -0.68 0.00	61.77 -1.13 0.00	68.64 -0.83 0.00	55.59 -0.51 0.00	43.89 -0.36 0.00	35.72 -0.25 0.00
ALCOA_RYNLDS___DRP 24188	12.09 -0.30 0.00	12.26 -0.35 0.00	10.29 -0.26 0.00	10.99 -0.28 0.00	11.75 -0.24 0.00	20.36 -0.42 0.00	30.41 -0.65 0.00	34.08 -0.77 0.00	26.08 -0.70 0.00	20.46 -0.59 0.00	20.77 -0.49 0.00	20.65 -0.46 0.00	19.71 -0.51 0.00	22.82 -0.59 0.00	25.59 -0.63 0.00	27.98 -0.69 0.00	34.78 -0.67 0.00	39.28 -0.64 0.00	51.38 -0.57 0.00	61.83 -1.07 0.00	68.64 -0.83 0.00	55.59 -0.50 0.00	43.89 -0.35 0.00	35.72 -0.25 0.00
ALCOA___DSASP 323711	12.09 -0.30 0.00	12.26 -0.35 0.00	10.29 -0.26 0.00	10.99 -0.28 0.00	11.75 -0.24 0.00	20.36 -0.42 0.00	30.41 -0.65 0.00	34.08 -0.77 0.00	26.08 -0.70 0.00	20.46 -0.59 0.00	20.77 -0.49 0.00	20.65 -0.46 0.00	19.71 -0.51 0.00	22.82 -0.59 0.00	25.59 -0.63 0.00	27.98 -0.69 0.00	34.78 -0.67 0.00	39.28 -0.64 0.00	51.38 -0.57 0.00	61.83 -1.07 0.00	68.64 -0.83 0.00	55.59 -0.50 0.00	43.89 -0.35 0.00	35.72 -0.25 0.00
ALLEGHENY___COGEN 23514	13.51 -0.38 -1.51	13.58 -0.33 -1.29	11.69 -0.33 -1.46	12.35 -0.33 -1.40	12.94 -0.46 -1.40	21.09 -0.60 -0.92	30.87 -0.87 -0.68	33.78 -1.46 -0.39	26.10 -1.26 -0.58	20.55 -1.20 -0.70	20.49 -1.36 -0.59	20.36 -1.50 -0.74	24.75 -1.43 -5.97	22.58 -1.66 -0.83	25.13 -1.81 -0.72	28.33 -1.55 -1.22	33.47 -1.77 0.21	38.49 -1.24 0.19	50.43 -1.35 0.17	62.17 -0.94 -0.22	69.27 -0.21 0.00	55.68 -0.39 0.02	43.78 -0.44 0.02	35.47 -0.50 0.00
ALTAMONT_115KV_TB 2 55880	37.27 0.41 -24.48	34.01 0.43 -20.96	34.34 0.36 -23.42	34.17 0.38 -22.52	34.85 0.40 -22.46	36.29 0.69 -14.83	43.23 1.06 -11.11	42.56 1.15 -6.57	37.38 0.88 -9.72	33.31 0.69 -11.57	31.76 0.68 -9.83	33.98 0.68 -12.18	37.39 0.65 -16.54	37.78 0.75 -13.62	38.95 0.84 -11.90	49.27 0.92 -19.69	51.55 1.21 -14.90	53.49 1.44 -12.13	64.90 1.87 -11.08	70.86 2.33 -5.64	71.83 2.36 0.00	58.00 1.91 0.00	45.75 1.50 0.00	37.20 1.22 0.00
ALTONA_WT_PWR 323606	12.05 -0.33 0.00	12.21 -0.40 0.00	10.25 -0.31 0.00	10.94 -0.33 0.00	11.69 -0.30 0.00	20.28 -0.50 0.00	30.29 -0.78 0.00	33.94 -0.91 0.00	26.02 -0.75 0.00	20.43 -0.61 0.00	20.70 -0.55 0.00	20.55 -0.57 0.00	19.58 -0.63 0.00	22.73 -0.68 0.00	25.51 -0.71 0.00	27.89 -0.77 0.00	34.57 -0.88 0.00	39.16 -0.76 0.00	51.18 -0.78 0.00	61.77 -1.13 0.00	68.57 -0.91 0.00	55.42 -0.67 0.00	43.71 -0.53 0.00	35.54 -0.43 0.00
AMERICAN_REF_FUEL 24010	12.66 -1.23 -1.50	12.81 -1.09 -1.28	11.11 -0.88 -1.43	11.70 -0.95 -1.38	12.21 -1.15 -1.37	19.54 -2.14 -0.90	28.13 -3.60 -0.67	31.23 -4.01 -0.39	24.44 -2.92 -0.58	19.49 -2.25 -0.70	19.49 -2.36 -0.59	19.49 -2.36 -0.74	19.46 -2.26 -1.51	21.59 -2.65 -0.83	23.84 -3.09 -0.72	26.37 -3.50 -1.21	31.70 -3.83 -0.08	35.53 -4.43 -0.05	45.66 -6.34 -0.04	55.29 -7.86 -0.25	61.49 -7.99 0.00	49.23 -6.85 0.02	39.18 -5.04 0.02	32.20 -3.78 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	12.76 -1.11 -1.49	12.84 -1.05 -1.27	11.11 -0.89 -1.44	11.72 -0.94 -1.38	12.28 -1.09 -1.38	19.77 -1.91 -0.90	28.78 -2.95 -0.66	31.99 -3.24 -0.39	25.02 -2.33 -0.58	19.87 -1.87 -0.69	19.87 -1.98 -0.59	19.87 -1.99 -0.73	20.00 -1.82 -1.61	22.17 -2.06 -0.82	24.68 -2.25 -0.72	27.66 -2.21 -1.20	32.90 -2.52 0.03	37.52 -2.36 0.04	48.80 -3.12 0.04	59.63 -3.52 -0.25	65.52 -3.96 0.00	52.99 -3.08 0.02	42.01 -2.21 0.02	34.21 -1.76 0.00
ARTHUR KILL_GT_1 23520	35.04 1.20 -21.45	32.20 1.21 -18.37	32.06 0.97 -20.53	32.06 1.05 -19.74	32.80 1.13 -19.68	35.72 1.95 -13.00	43.66 2.86 -9.73	44.05 3.45 -5.75	38.07 2.78 -8.51	33.55 2.38 -10.13	32.38 2.51 -8.61	34.27 2.47 -10.68	37.13 2.43 -14.49	38.28 2.93 -11.95	39.93 3.28 -10.44	49.54 3.61 -17.26	53.47 4.50 -13.52	55.96 5.03 -11.01	68.35 6.34 -10.06	75.44 7.48 -5.06	77.19 7.71 -0.01	62.21 6.11 -0.01	48.94 4.69 -0.01	39.54 3.56 -0.01
ARTHUR_KILL_2 23512	35.00 1.16 -21.45	32.17 1.17 -18.37	32.03 0.94 -20.53	32.03 1.01 -19.74	32.77 1.09 -19.68	35.68 1.91 -13.00	43.55 2.80 -9.69	43.95 3.35 -5.75	38.02 2.73 -8.51	33.52 2.34 -10.14	32.33 2.46 -8.61	34.20 2.41 -10.68	37.08 2.38 -14.49	38.24 2.88 -11.95	39.85 3.20 -10.44	49.53 3.61 -17.26	53.51 4.54 -13.53	56.01 5.07 -11.02	68.39 6.34 -10.10	75.52 7.54 -5.08	77.19 7.71 -0.01	62.21 6.11 -0.01	48.99 4.74 -0.01	39.47 3.49 -0.01
ARTHUR_KILL_3 23513	34.85 1.02 -21.45	32.01 1.02 -18.37	31.90 0.82 -20.52	31.89 0.89 -19.73	32.61 0.94 -19.68	35.45 1.68 -13.00	43.37 2.61 -9.69	43.74 3.14 -5.75	37.86 2.57 -8.51	33.37 2.19 -10.14	32.19 2.32 -8.61	34.08 2.28 -10.68	36.92 2.22 -14.49	38.04 2.69 -11.94	39.63 2.99 -10.43	49.27 3.35 -17.25	53.22 4.25 -13.52	55.72 4.79 -11.01	67.97 5.92 -10.09	75.01 7.04 -5.07	76.70 7.22 0.00	61.70 5.61 0.00	48.53 4.29 0.00	39.07 3.09 0.00

ARTHUR_KILL_COGEN 323718	35.04 1.20 -21.45	32.20 1.21 -18.37	32.06 0.97 -20.53	32.06 1.05 -19.74	32.80 1.13 -19.68	35.72 1.95 -13.00	43.61 2.86 -9.69	44.05 3.45 -5.75	38.07 2.78 -8.51	33.56 2.38 -10.14	32.38 2.51 -8.61	34.27 2.47 -10.68	37.13 2.42 -14.49	38.28 2.93 -11.95	39.93 3.28 -10.44	49.59 3.67 -17.26	53.62 4.64 -13.53	56.12 5.19 -11.02	68.55 6.49 -10.10	75.71 7.73 -5.08	77.40 7.92 -0.01	62.38 6.28 -0.01	49.12 4.87 -0.01	39.58 3.60 -0.01
ASHOKAN____ 23654	36.03 0.31 -23.33	32.89 0.29 -19.98	33.12 0.23 -22.33	32.98 0.24 -21.47	33.65 0.24 -21.41	35.43 0.52 -14.14	42.39 0.81 -10.52	42.03 0.94 -6.24	36.55 0.54 -9.24	32.40 0.36 -10.99	30.96 0.36 -9.34	33.04 0.34 -11.58	36.27 0.34 -15.72	36.83 0.47 -12.95	38.08 0.55 -11.31	48.18 0.80 -18.71	52.54 2.55 -14.54	53.68 1.92 -11.85	65.54 2.70 -10.88	71.91 3.52 -5.49	75.51 6.04 0.00	61.03 4.94 0.00	47.96 3.72 0.00	38.81 2.84 0.00
ASTORIA_EAST_ENERGY_CC1 323581	34.99 1.15 -21.45	32.17 1.17 -18.37	32.05 0.96 -20.53	32.05 1.04 -19.74	32.79 1.10 -19.69	35.60 1.83 -13.00	43.27 2.52 -9.69	43.74 3.14 -5.75	37.96 2.68 -8.51	33.50 2.32 -10.14	32.28 2.40 -8.62	34.15 2.34 -10.69	36.99 2.28 -14.50	38.08 2.74 -11.94	39.66 3.01 -10.43	49.32 3.41 -17.25	53.28 4.32 -13.51	55.68 4.75 -11.01	68.12 6.08 -10.09	75.08 7.11 -5.07	76.63 7.16 0.00	61.82 5.72 0.00	48.71 4.47 0.00	39.32 3.35 0.00
ASTORIA_EAST_ENERGY_CC2 323582	35.00 1.16 -21.45	32.18 1.19 -18.37	32.06 0.97 -20.53	32.05 1.04 -19.74	32.79 1.10 -19.69	35.60 1.83 -13.00	43.27 2.52 -9.69	43.74 3.14 -5.75	37.96 2.68 -8.51	33.50 2.32 -10.14	32.28 2.40 -8.62	34.15 2.34 -10.69	36.99 2.28 -14.50	38.08 2.74 -11.94	39.66 3.01 -10.43	49.32 3.41 -17.25	53.28 4.32 -13.51	55.68 4.75 -11.01	68.12 6.08 -10.09	75.08 7.11 -5.07	76.63 7.16 0.00	61.82 5.72 0.00	48.71 4.47 0.00	39.32 3.35 0.00
ASTORIA_GT2_1 24094	35.00 1.16 -21.45	32.18 1.19 -18.37	32.06 0.97 -20.53	32.05 1.04 -19.74	32.78 1.10 -19.68	35.62 1.85 -13.00	43.35 2.55 -9.73	43.73 3.14 -5.75	37.99 2.70 -8.51	33.50 2.32 -10.14	32.28 2.40 -8.63	34.15 2.34 -10.69	37.01 2.30 -14.50	38.09 2.74 -11.94	39.66 3.01 -10.43	49.27 3.35 -17.25	53.18 4.22 -13.51	55.60 4.67 -11.01	67.82 5.82 -10.05	74.74 6.79 -5.05	76.35 6.88 0.00	61.70 5.61 0.00	48.58 4.34 0.00	39.28 3.31 0.00
ASTORIA_GT2_2 24095	35.00 1.16 -21.45	32.18 1.19 -18.37	32.06 0.97 -20.53	32.05 1.04 -19.74	32.78 1.10 -19.68	35.62 1.85 -13.00	43.35 2.55 -9.73	43.73 3.14 -5.75	37.99 2.70 -8.51	33.50 2.32 -10.14	32.28 2.40 -8.63	34.15 2.34 -10.69	37.01 2.30 -14.50	38.09 2.74 -11.94	39.66 3.01 -10.43	49.27 3.35 -17.25	53.18 4.22 -13.51	55.60 4.67 -11.01	67.82 5.82 -10.05	74.74 6.79 -5.05	76.35 6.88 0.00	61.70 5.61 0.00	48.58 4.34 0.00	39.28 3.31 0.00
ASTORIA_GT2_3 24096	35.00 1.16 -21.45	32.18 1.19 -18.37	32.06 0.97 -20.53	32.05 1.04 -19.74	32.78 1.10 -19.68	35.62 1.85 -13.00	43.35 2.55 -9.73	43.73 3.14 -5.75	37.99 2.70 -8.51	33.50 2.32 -10.14	32.28 2.40 -8.63	34.15 2.34 -10.69	37.01 2.30 -14.50	38.09 2.74 -11.94	39.66 3.01 -10.43	49.27 3.35 -17.25	53.18 4.22 -13.51	55.60 4.67 -11.01	67.82 5.82 -10.05	74.74 6.79 -5.05	76.35 6.88 0.00	61.70 5.61 0.00	48.58 4.34 0.00	39.28 3.31 0.00
ASTORIA_GT2_4 24097	35.00 1.16 -21.45	32.18 1.19 -18.37	32.06 0.97 -20.53	32.05 1.04 -19.74	32.78 1.10 -19.68	35.62 1.85 -13.00	43.35 2.55 -9.73	43.73 3.14 -5.75	37.99 2.70 -8.51	33.50 2.32 -10.14	32.28 2.40 -8.63	34.15 2.34 -10.69	37.01 2.30 -14.50	38.09 2.74 -11.94	39.66 3.01 -10.43	49.27 3.35 -17.25	53.18 4.22 -13.51	55.60 4.67 -11.01	67.82 5.82 -10.05	74.74 6.79 -5.05	76.35 6.88 0.00	61.70 5.61 0.00	48.58 4.34 0.00	39.28 3.31 0.00
ASTORIA_GT3_1 24098	35.00 1.16 -21.45	32.18 1.19 -18.37	32.06 0.97 -20.53	32.05 1.04 -19.74	32.78 1.10 -19.68	35.62 1.85 -13.00	43.35 2.55 -9.73	43.73 3.14 -5.75	37.99 2.70 -8.51	33.50 2.32 -10.14	32.28 2.40 -8.63	34.15 2.34 -10.69	37.01 2.30 -14.50	38.09 2.74 -11.94	39.66 3.01 -10.43	49.27 3.35 -17.25	53.18 4.22 -13.51	55.60 4.67 -11.01	67.82 5.82 -10.05	74.74 6.79 -5.05	76.35 6.88 0.00	61.70 5.61 0.00	48.58 4.34 0.00	39.28 3.31 0.00
ASTORIA_GT3_2 24099	35.00 1.16 -21.45	32.18 1.19 -18.37	32.06 0.97 -20.53	32.05 1.04 -19.74	32.78 1.10 -19.68	35.62 1.85 -13.00	43.35 2.55 -9.73	43.73 3.14 -5.75	37.99 2.70 -8.51	33.50 2.32 -10.14	32.28 2.40 -8.63	34.15 2.34 -10.69	37.01 2.30 -14.50	38.09 2.74 -11.94	39.66 3.01 -10.43	49.27 3.35 -17.25	53.18 4.22 -13.51	55.60 4.67 -11.01	67.82 5.82 -10.05	74.74 6.79 -5.05	76.35 6.88 0.00	61.70 5.61 0.00	48.58 4.34 0.00	39.28 3.31 0.00
ASTORIA_GT3_3 24100	35.00 1.16 -21.45	32.18 1.19 -18.37	32.06 0.97 -20.53	32.05 1.04 -19.74	32.78 1.10 -19.68	35.62 1.85 -13.00	43.35 2.55 -9.73	43.73 3.14 -5.75	37.99 2.70 -8.51	33.50 2.32 -10.14	32.28 2.40 -8.63	34.15 2.34 -10.69	37.01 2.30 -14.50	38.09 2.74 -11.94	39.66 3.01 -10.43	49.27 3.35 -17.25	53.18 4.22 -13.51	55.60 4.67 -11.01	67.82 5.82 -10.05	74.74 6.79 -5.05	76.35 6.88 0.00	61.70 5.61 0.00	48.58 4.34 0.00	39.28 3.31 0.00
ASTORIA_GT3_4 24101	35.00 1.16 -21.45	32.18 1.19 -18.37	32.06 0.97 -20.53	32.05 1.04 -19.74	32.78 1.10 -19.68	35.62 1.85 -13.00	43.35 2.55 -9.73	43.73 3.14 -5.75	37.99 2.70 -8.51	33.50 2.32 -10.14	32.28 2.40 -8.63	34.15 2.34 -10.69	37.01 2.30 -14.50	38.09 2.74 -11.94	39.66 3.01 -10.43	49.27 3.35 -17.25	53.18 4.22 -13.51	55.60 4.67 -11.01	67.82 5.82 -10.05	74.74 6.79 -5.05	76.35 6.88 0.00	61.70 5.61 0.00	48.58 4.34 0.00	39.28 3.31 0.00
ASTORIA_GT4_1 24102	35.00 1.16 -21.45	32.18 1.19 -18.37	32.06 0.97 -20.53	32.05 1.04 -19.74	32.78 1.10 -19.68	35.62 1.85 -13.00	43.35 2.55 -9.73	43.73 3.14 -5.75	37.99 2.70 -8.51	33.50 2.32 -10.14	32.28 2.40 -8.63	34.15 2.34 -10.69	37.01 2.30 -14.50	38.09 2.74 -11.94	39.66 3.01 -10.43	49.27 3.35 -17.25	53.18 4.22 -13.51	55.60 4.67 -11.01	67.82 5.82 -10.05	74.74 6.79 -5.05	76.35 6.88 0.00	61.70 5.61 0.00	48.58 4.34 0.00	39.28 3.31 0.00
ASTORIA_GT4_2 24103	35.00 1.16 -21.45	32.18 1.19 -18.37	32.06 0.97 -20.53	32.05 1.04 -19.74	32.78 1.10 -19.68	35.62 1.85 -13.00	43.35 2.55 -9.73	43.73 3.14 -5.75	37.99 2.70 -8.51	33.50 2.32 -10.14	32.28 2.40 -8.63	34.15 2.34 -10.69	37.01 2.30 -14.50	38.09 2.74 -11.94	39.66 3.01 -10.43	49.27 3.35 -17.25	53.18 4.22 -13.51	55.60 4.67 -11.01	67.82 5.82 -10.05	74.74 6.79 -5.05	76.35 6.88 0.00	61.70 5.61 0.00	48.58 4.34 0.00	39.28 3.31 0.00
ASTORIA_GT4_3 24104	35.00 1.16 -21.45	32.18 1.19 -18.37	32.06 0.97 -20.53	32.05 1.04 -19.74	32.78 1.10 -19.68	35.62 1.85 -13.00	43.35 2.55 -9.73	43.73 3.14 -5.75	37.99 2.70 -8.51	33.50 2.32 -10.14	32.28 2.40 -8.63	34.15 2.34 -10.69	37.01 2.30 -14.50	38.09 2.74 -11.94	39.66 3.01 -10.43	49.27 3.35 -17.25	53.18 4.22 -13.51	55.60 4.67 -11.01	67.82 5.82 -10.05	74.74 6.79 -5.05	76.35 6.88 0.00	61.70 5.61 0.00	48.58 4.34 0.00	39.28 3.31 0.00

ASTORIA_GT4_4 24105	35.00 1.16 -21.45	32.18 1.19 -18.37	32.06 0.97 -20.53	32.05 1.04 -19.74	32.78 1.10 -19.68	35.62 1.85 -13.00	43.35 2.55 -9.73	43.73 3.14 -5.75	37.99 2.70 -8.51	33.50 2.32 -10.14	32.28 2.40 -8.63	34.15 2.34 -10.69	37.01 2.30 -14.50	38.09 2.74 -11.94	39.66 3.01 -10.43	49.27 3.35 -17.25	53.18 4.22 -13.51	55.60 4.67 -11.01	67.82 5.82 -10.05	74.74 6.79 -5.05	76.35 6.88 0.00	61.70 5.61 0.00	48.58 4.34 0.00	39.28 3.31 0.00
ASTORIA_GT_1 23523	35.01 1.18 -21.45	32.19 1.20 -18.37	32.07 0.98 -20.53	32.06 1.05 -19.74	32.79 1.12 -19.68	35.64 1.87 -13.00	43.38 2.58 -9.73	43.80 3.21 -5.75	38.02 2.73 -8.51	33.54 2.36 -10.14	32.33 2.44 -8.63	34.19 2.39 -10.69	37.05 2.34 -14.50	38.13 2.79 -11.94	39.71 3.07 -10.43	49.33 3.41 -17.25	53.25 4.29 -13.51	55.67 4.75 -11.01	67.93 5.92 -10.05	74.93 6.98 -5.05	76.49 7.02 0.00	61.81 5.72 0.00	48.67 4.42 0.00	39.35 3.38 0.00
ASTORIA_GT_10 24110	34.91 1.08 -21.45	32.09 1.10 -18.37	31.97 0.89 -20.53	31.97 0.96 -19.74	32.68 1.01 -19.68	35.54 1.77 -13.00	43.41 2.61 -9.73	43.77 3.17 -5.75	37.91 2.62 -8.51	33.43 2.25 -10.13	32.25 2.38 -8.61	34.12 2.32 -10.68	36.96 2.26 -14.49	38.09 2.74 -11.94	39.69 3.04 -10.43	49.27 3.35 -17.25	53.15 4.18 -13.51	55.60 4.67 -11.01	67.82 5.82 -10.05	74.81 6.86 -5.05	76.42 6.95 0.00	61.64 5.55 0.00	48.49 4.25 0.00	39.14 3.17 0.00
ASTORIA_GT_11 24225	34.91 1.08 -21.45	32.09 1.10 -18.37	31.97 0.89 -20.53	31.97 0.96 -19.74	32.68 1.01 -19.68	35.54 1.77 -13.00	43.41 2.61 -9.73	43.77 3.17 -5.75	37.91 2.62 -8.51	33.43 2.25 -10.13	32.25 2.38 -8.61	34.12 2.32 -10.68	36.96 2.26 -14.49	38.09 2.74 -11.94	39.69 3.04 -10.43	49.27 3.35 -17.25	53.15 4.18 -13.51	55.60 4.67 -11.01	67.82 5.82 -10.05	74.81 6.86 -5.05	76.42 6.95 0.00	61.64 5.55 0.00	48.49 4.25 0.00	39.14 3.17 0.00
ASTORIA_GT_12 24226	34.91 1.08 -21.45	32.09 1.10 -18.37	31.97 0.89 -20.53	31.97 0.96 -19.74	32.68 1.01 -19.68	35.54 1.77 -13.00	43.41 2.61 -9.73	43.77 3.17 -5.75	37.91 2.62 -8.51	33.43 2.25 -10.13	32.25 2.38 -8.61	34.12 2.32 -10.68	36.96 2.26 -14.49	38.09 2.74 -11.94	39.69 3.04 -10.43	49.27 3.35 -17.25	53.15 4.18 -13.51	55.60 4.67 -11.01	67.82 5.82 -10.05	74.81 6.86 -5.05	76.42 6.95 0.00	61.64 5.55 0.00	48.49 4.25 0.00	39.14 3.17 0.00
ASTORIA_GT_13 24227	34.91 1.08 -21.45	32.09 1.10 -18.37	31.97 0.89 -20.53	31.97 0.96 -19.74	32.68 1.01 -19.68	35.54 1.77 -13.00	43.41 2.61 -9.73	43.77 3.17 -5.75	37.91 2.62 -8.51	33.43 2.25 -10.13	32.25 2.38 -8.61	34.12 2.32 -10.68	36.96 2.26 -14.49	38.09 2.74 -11.94	39.69 3.04 -10.43	49.27 3.35 -17.25	53.15 4.18 -13.51	55.60 4.67 -11.01	67.82 5.82 -10.05	74.81 6.86 -5.05	76.42 6.95 0.00	61.64 5.55 0.00	48.49 4.25 0.00	39.14 3.17 0.00
ASTORIA_GT_5 24106	35.01 1.18 -21.45	32.19 1.20 -18.37	32.07 0.98 -20.53	32.06 1.05 -19.74	32.79 1.12 -19.68	35.64 1.87 -13.00	43.38 2.58 -9.73	43.80 3.21 -5.75	38.02 2.73 -8.51	33.54 2.36 -10.14	32.33 2.44 -8.63	34.19 2.39 -10.69	37.05 2.34 -14.50	38.13 2.79 -11.94	39.71 3.07 -10.43	49.33 3.41 -17.25	53.25 4.29 -13.51	55.67 4.75 -11.01	67.93 5.92 -10.05	74.93 6.98 -5.05	76.49 7.02 0.00	61.81 5.72 0.00	48.67 4.42 0.00	39.35 3.38 0.00
ASTORIA_GT_7 24107	35.01 1.18 -21.45	32.19 1.20 -18.37	32.07 0.98 -20.53	32.06 1.05 -19.74	32.79 1.12 -19.68	35.64 1.87 -13.00	43.38 2.58 -9.73	43.80 3.21 -5.75	38.02 2.73 -8.51	33.54 2.36 -10.14	32.33 2.44 -8.63	34.19 2.39 -10.69	37.05 2.34 -14.50	38.13 2.79 -11.94	39.71 3.07 -10.43	49.33 3.41 -17.25	53.25 4.29 -13.51	55.67 4.75 -11.01	67.93 5.92 -10.05	74.93 6.98 -5.05	76.49 7.02 0.00	61.81 5.72 0.00	48.67 4.42 0.00	39.35 3.38 0.00
ASTORIA_GT_8 24108	35.01 1.18 -21.45	32.19 1.20 -18.37	32.07 0.98 -20.53	32.06 1.05 -19.74	32.79 1.12 -19.68	35.64 1.87 -13.00	43.38 2.58 -9.73	43.80 3.21 -5.75	38.02 2.73 -8.51	33.54 2.36 -10.14	32.33 2.44 -8.63	34.19 2.39 -10.69	37.05 2.34 -14.50	38.13 2.79 -11.94	39.71 3.07 -10.43	49.33 3.41 -17.25	53.25 4.29 -13.51	55.67 4.75 -11.01	67.93 5.92 -10.05	74.93 6.98 -5.05	76.49 7.02 0.00	61.81 5.72 0.00	48.67 4.42 0.00	39.35 3.38 0.00
ASTORIA___2 24149	35.00 1.16 -21.45	32.18 1.19 -18.37	32.06 0.97 -20.53	32.05 1.04 -19.74	32.79 1.10 -19.69	35.62 1.85 -13.00	43.31 2.55 -9.69	43.74 3.14 -5.75	37.99 2.70 -8.51	33.50 2.32 -10.14	32.28 2.40 -8.62	34.15 2.34 -10.69	37.01 2.30 -14.50	38.08 2.74 -11.94	39.66 3.01 -10.43	49.35 3.44 -17.25	53.28 4.32 -13.51	55.72 4.79 -11.01	68.12 6.08 -10.09	75.08 7.11 -5.07	76.63 7.16 0.00	61.87 5.78 0.00	48.71 4.47 0.00	39.32 3.35 0.00
ASTORIA___3 23516	34.91 1.08 -21.45	32.09 1.10 -18.37	31.97 0.89 -20.53	31.97 0.96 -19.74	32.68 1.01 -19.68	35.54 1.76 -13.00	43.37 2.61 -9.69	43.77 3.17 -5.75	37.91 2.63 -8.51	33.43 2.25 -10.14	32.25 2.38 -8.61	34.12 2.32 -10.68	36.96 2.26 -14.49	38.09 2.74 -11.94	39.68 3.04 -10.43	49.32 3.41 -17.25	53.29 4.32 -13.52	55.76 4.83 -11.01	68.07 6.02 -10.09	75.08 7.11 -5.07	76.63 7.16 0.00	61.82 5.72 0.00	48.62 4.38 0.00	39.17 3.20 0.00
ASTORIA___4 23517	34.91 1.08 -21.45	32.09 1.10 -18.37	31.97 0.89 -20.53	31.97 0.96 -19.74	32.68 1.01 -19.68	35.54 1.77 -13.00	43.41 2.61 -9.73	43.77 3.17 -5.75	37.91 2.62 -8.51	33.43 2.25 -10.13	32.25 2.38 -8.61	34.12 2.32 -10.68	36.96 2.26 -14.49	38.09 2.74 -11.94	39.69 3.04 -10.43	49.27 3.35 -17.25	53.15 4.18 -13.51	55.60 4.67 -11.01	67.82 5.82 -10.05	74.81 6.86 -5.05	76.42 6.95 0.00	61.64 5.55 0.00	48.49 4.25 0.00	39.14 3.17 0.00
ASTORIA___5 23518	34.91 1.08 -21.45	32.09 1.10 -18.37	31.97 0.89 -20.53	31.97 0.96 -19.74	32.68 1.01 -19.68	35.54 1.76 -13.00	43.37 2.61 -9.69	43.77 3.17 -5.75	37.91 2.63 -8.51	33.43 2.25 -10.14	32.25 2.38 -8.61	34.12 2.32 -10.68	36.96 2.26 -14.49	38.09 2.74 -11.94	39.68 3.04 -10.43	49.32 3.41 -17.25	53.29 4.32 -13.52	55.76 4.83 -11.01	68.07 6.02 -10.09	75.08 7.11 -5.07	76.63 7.16 0.00	61.82 5.72 0.00	48.62 4.38 0.00	39.17 3.20 0.00
AST_ENERGY_2_CC3 323677	34.86 1.03 -21.45	32.02 1.03 -18.37	31.91 0.83 -20.52	31.91 0.90 -19.73	32.63 0.96 -19.68	35.47 1.70 -13.00	43.37 2.61 -9.69	43.74 3.14 -5.75	37.86 2.57 -8.51	33.37 2.19 -10.14	32.19 2.32 -8.61	34.06 2.26 -10.68	36.92 2.22 -14.49	38.02 2.67 -11.94	39.63 2.99 -10.43	49.27 3.35 -17.25	53.18 4.22 -13.52	55.68 4.75 -11.01	67.91 5.87 -10.09	74.95 6.98 -5.07	76.63 7.16 0.00	61.70 5.61 0.00	48.53 4.29 0.00	39.10 3.13 0.00
AST_ENERGY_2_CC4 323678	34.86 1.03 -21.45	32.02 1.03 -18.37	31.91 0.83 -20.52	31.91 0.90 -19.73	32.63 0.96 -19.68	35.47 1.70 -13.00	43.37 2.61 -9.69	43.74 3.14 -5.75	37.86 2.57 -8.51	33.37 2.19 -10.14	32.19 2.32 -8.61	34.06 2.26 -10.68	36.92 2.22 -14.49	38.02 2.67 -11.94	39.63 2.99 -10.43	49.27 3.35 -17.25	53.18 4.22 -13.52	55.68 4.75 -11.01	67.91 5.87 -10.09	74.95 6.98 -5.07	76.63 7.16 0.00	61.70 5.61 0.00	48.53 4.29 0.00	39.10 3.13 0.00

ATHENS_STG_1 23668	35.63 0.57 -22.68	32.60 0.57 -19.42	32.74 0.49 -21.70	32.65 0.52 -20.86	33.34 0.54 -20.81	35.45 0.94 -13.74	42.77 1.43 -10.28	42.59 1.64 -6.10	37.11 1.31 -9.03	32.86 1.07 -10.74	31.49 1.10 -9.13	33.51 1.08 -11.31	36.62 1.05 -15.36	37.30 1.24 -12.65	38.65 1.39 -11.05	48.49 1.55 -18.28	51.66 1.98 -14.22	53.78 2.27 -11.59	65.41 2.86 -10.60	71.63 3.39 -5.34	72.88 3.40 0.00	58.84 2.75 0.00	46.41 2.17 0.00	37.66 1.69 0.00
ATHENS_STG_2 23670	35.63 0.57 -22.68	32.60 0.57 -19.42	32.74 0.49 -21.70	32.65 0.52 -20.86	33.34 0.54 -20.81	35.45 0.94 -13.74	42.77 1.43 -10.28	42.59 1.64 -6.10	37.11 1.31 -9.03	32.86 1.07 -10.74	31.49 1.10 -9.13	33.51 1.08 -11.31	36.62 1.05 -15.36	37.30 1.24 -12.65	38.65 1.39 -11.05	48.49 1.55 -18.28	51.66 1.98 -14.22	53.78 2.27 -11.59	65.41 2.86 -10.60	71.63 3.39 -5.34	72.88 3.40 0.00	58.84 2.75 0.00	46.41 2.17 0.00	37.66 1.69 0.00
ATHENS_STG_3 23677	35.63 0.57 -22.68	32.60 0.57 -19.42	32.74 0.49 -21.70	32.65 0.52 -20.86	33.34 0.54 -20.81	35.45 0.94 -13.74	42.77 1.43 -10.28	42.59 1.64 -6.10	37.11 1.31 -9.03	32.86 1.07 -10.74	31.49 1.10 -9.13	33.51 1.08 -11.31	36.62 1.05 -15.36	37.30 1.24 -12.65	38.65 1.39 -11.05	48.49 1.55 -18.28	51.66 1.98 -14.22	53.78 2.27 -11.59	65.41 2.86 -10.60	71.63 3.39 -5.34	72.88 3.40 0.00	58.84 2.75 0.00	46.41 2.17 0.00	37.66 1.69 0.00
AUBURN___LFGE 323710	14.70 0.00 -2.31	14.60 0.00 -1.98	12.76 -0.01 -2.22	13.38 -0.02 -2.13	14.09 -0.02 -2.13	22.18 0.00 -1.40	32.21 0.09 -1.05	35.53 0.07 -0.61	27.76 0.08 -0.91	22.14 0.00 -1.10	22.19 0.00 -0.93	22.23 -0.04 -1.16	21.95 0.00 -1.74	24.70 0.00 -1.29	27.37 0.03 -1.13	30.59 0.06 -1.87	36.23 -0.04 -0.81	40.68 0.04 -0.72	54.24 -0.05 -2.34	65.95 0.06 -2.99	72.07 0.28 -2.32	57.27 0.06 -1.12	44.48 -0.04 -0.29	35.87 -0.11 0.00
BABYLON_RES_REC 323704	49.25 1.21 -35.65	42.40 1.22 -28.56	44.78 0.99 -33.23	31.99 0.98 -19.73	32.76 1.08 -19.68	35.87 2.10 -13.00	44.03 3.26 -9.70	44.44 3.83 -5.76	38.21 2.92 -8.51	33.45 2.27 -10.14	32.31 2.44 -8.61	34.16 2.36 -10.68	37.10 2.40 -14.49	38.20 2.85 -11.94	39.87 3.22 -10.43	49.32 3.41 -17.25	52.79 3.83 -13.51	55.14 4.23 -10.99	61.74 5.04 -4.74	71.30 6.10 -2.30	68.49 6.04 7.03	61.36 5.27 0.00	49.16 4.91 -0.01	39.69 3.71 -0.01
BALL_HILL_WT_PWR 323825	12.94 -0.94 -1.49	13.02 -0.87 -1.27	11.26 -0.74 -1.44	11.86 -0.79 -1.38	12.45 -0.92 -1.38	20.06 -1.62 -0.90	29.18 -2.55 -0.66	32.38 -2.86 -0.39	25.31 -2.04 -0.58	20.16 -1.58 -0.70	20.14 -1.70 -0.59	20.14 -1.71 -0.73	20.20 -1.60 -1.58	22.38 -1.85 -0.82	24.81 -2.12 -0.72	27.66 -2.21 -1.20	32.82 -2.62 0.01	37.18 -2.72 0.03	48.19 -3.74 0.02	58.74 -4.40 -0.25	64.54 -4.93 0.00	52.15 -3.93 0.02	41.30 -2.92 0.02	33.67 -2.30 0.00
BARON_WINDS___WT_PWR 323822	12.97 -0.85 -1.44	13.00 -0.85 -1.22	11.23 -0.72 -1.39	11.84 -0.77 -1.34	12.49 -0.84 -1.34	20.21 -1.43 -0.87	29.56 -2.14 -0.64	31.96 -3.24 -0.36	24.90 -2.41 -0.54	19.73 -1.96 -0.65	19.68 -2.13 -0.55	19.56 -2.24 -0.68	5.29 -2.10 12.82	21.74 -2.44 -0.76	24.26 -2.62 -0.67	27.78 -2.03 -1.15	32.63 -2.27 0.56	37.49 -1.96 0.48	48.87 -2.65 0.44	60.13 -2.96 -0.19	66.14 -3.33 0.00	53.54 -2.52 0.03	42.22 -1.99 0.03	34.21 -1.76 0.00
BARRETT_IC_1 23704	49.19 1.15 -35.65	42.36 1.19 -28.56	44.75 0.96 -33.23	31.95 0.95 -19.73	32.71 1.03 -19.68	35.75 1.97 -13.00	43.81 3.05 -9.70	44.13 3.52 -5.77	38.07 2.78 -8.51	33.39 2.21 -10.14	32.23 2.36 -8.62	34.10 2.30 -10.68	37.02 2.32 -14.49	38.05 2.69 -11.95	39.69 3.04 -10.43	49.16 3.24 -17.26	52.66 3.69 -13.52	54.94 4.03 -10.99	66.63 4.83 -9.84	73.62 5.78 -4.94	74.84 5.70 0.33	60.98 4.88 -0.01	48.64 4.38 -0.02	39.44 3.45 -0.02
BARRETT_IC_10 23701	49.19 1.15 -35.65	42.36 1.19 -28.56	44.75 0.96 -33.23	31.95 0.95 -19.73	32.71 1.03 -19.68	35.75 1.97 -13.00	43.81 3.05 -9.70	44.13 3.52 -5.77	38.07 2.78 -8.51	33.39 2.21 -10.14	32.23 2.36 -8.62	34.10 2.30 -10.68	37.02 2.32 -14.49	38.05 2.69 -11.95	39.69 3.04 -10.43	49.16 3.24 -17.26	52.66 3.69 -13.52	54.94 4.03 -10.99	66.63 4.83 -9.84	73.62 5.78 -4.94	74.84 5.70 0.33	60.98 4.88 -0.01	48.64 4.38 -0.02	39.44 3.45 -0.02
BARRETT_IC_11 23702	49.19 1.15 -35.65	42.36 1.19 -28.56	44.75 0.96 -33.23	31.95 0.95 -19.73	32.71 1.03 -19.68	35.75 1.97 -13.00	43.81 3.05 -9.70	44.13 3.52 -5.77	38.07 2.78 -8.51	33.39 2.21 -10.14	32.23 2.36 -8.62	34.10 2.30 -10.68	37.02 2.32 -14.49	38.05 2.69 -11.95	39.69 3.04 -10.43	49.16 3.24 -17.26	52.66 3.69 -13.52	54.94 4.03 -10.99	66.63 4.83 -9.84	73.62 5.78 -4.94	74.84 5.70 0.33	60.98 4.88 -0.01	48.64 4.38 -0.02	39.44 3.45 -0.02
BARRETT_IC_12 23703	49.19 1.15 -35.65	42.36 1.19 -28.56	44.75 0.96 -33.23	31.95 0.95 -19.73	32.71 1.03 -19.68	35.75 1.97 -13.00	43.81 3.05 -9.70	44.13 3.52 -5.77	38.07 2.78 -8.51	33.39 2.21 -10.14	32.23 2.36 -8.62	34.10 2.30 -10.68	37.02 2.32 -14.49	38.05 2.69 -11.95	39.69 3.04 -10.43	49.16 3.24 -17.26	52.66 3.69 -13.52	54.94 4.03 -10.99	66.63 4.83 -9.84	73.62 5.78 -4.94	74.84 5.70 0.33	60.98 4.88 -0.01	48.64 4.38 -0.02	39.44 3.45 -0.02
BARRETT_IC_2 23705	49.19 1.15 -35.65	42.36 1.19 -28.56	44.75 0.96 -33.23	31.95 0.95 -19.73	32.71 1.03 -19.68	35.75 1.97 -13.00	43.81 3.05 -9.70	44.13 3.52 -5.77	38.07 2.78 -8.51	33.39 2.21 -10.14	32.23 2.36 -8.62	34.10 2.30 -10.68	37.02 2.32 -14.49	38.05 2.69 -11.95	39.69 3.04 -10.43	49.16 3.24 -17.26	52.66 3.69 -13.52	54.94 4.03 -10.99	66.63 4.83 -9.84	73.62 5.78 -4.94	74.84 5.70 0.33	60.98 4.88 -0.01	48.64 4.38 -0.02	39.44 3.45 -0.02
BARRETT_IC_3 23706	49.19 1.15 -35.65	42.36 1.19 -28.56	44.75 0.96 -33.23	31.95 0.95 -19.73	32.71 1.03 -19.68	35.75 1.97 -13.00	43.81 3.05 -9.70	44.13 3.52 -5.77	38.07 2.78 -8.51	33.39 2.21 -10.14	32.23 2.36 -8.62	34.10 2.30 -10.68	37.02 2.32 -14.49	38.05 2.69 -11.95	39.69 3.04 -10.43	49.16 3.24 -17.26	52.66 3.69 -13.52	54.94 4.03 -10.99	66.63 4.83 -9.84	73.62 5.78 -4.94	74.84 5.70 0.33	60.98 4.88 -0.01	48.64 4.38 -0.02	39.44 3.45 -0.02
BARRETT_IC_4 23707	49.19 1.15 -35.65	42.36 1.19 -28.56	44.75 0.96 -33.23	31.95 0.95 -19.73	32.71 1.03 -19.68	35.75 1.97 -13.00	43.81 3.05 -9.70	44.13 3.52 -5.77	38.07 2.78 -8.51	33.39 2.21 -10.14	32.23 2.36 -8.62	34.10 2.30 -10.68	37.02 2.32 -14.49	38.05 2.69 -11.95	39.69 3.04 -10.43	49.16 3.24 -17.26	52.66 3.69 -13.52	54.94 4.03 -10.99	66.63 4.83 -9.84	73.62 5.78 -4.94	74.84 5.70 0.33	60.98 4.88 -0.01	48.64 4.38 -0.02	39.44 3.45 -0.02
BARRETT_IC_5 23708	49.19 1.15 -35.65	42.36 1.19 -28.56	44.75 0.96 -33.23	31.95 0.95 -19.73	32.71 1.03 -19.68	35.75 1.97 -13.00	43.81 3.05 -9.70	44.13 3.52 -5.77	38.07 2.78 -8.51	33.39 2.21 -10.14	32.23 2.36 -8.62	34.10 2.30 -10.68	37.02 2.32 -14.49	38.05 2.69 -11.95	39.69 3.04 -10.43	49.16 3.24 -17.26	52.66 3.69 -13.52	54.94 4.03 -10.99	66.63 4.83 -9.84	73.62 5.78 -4.94	74.84 5.70 0.33	60.98 4.88 -0.01	48.64 4.38 -0.02	39.44 3.45 -0.02

BARRETT_IC_6 23709	49.19 1.15 -35.65	42.36 1.19 -28.56	44.75 0.96 -33.23	31.95 0.95 -19.73	32.71 1.03 -19.68	35.75 1.97 -13.00	43.81 3.05 -9.70	44.13 3.52 -5.77	38.07 2.78 -8.51	33.39 2.21 -10.14	32.23 2.36 -8.62	34.10 2.30 -10.68	37.02 2.32 -14.49	38.05 2.69 -11.95	39.69 3.04 -10.43	49.16 3.24 -17.26	52.66 3.69 -13.52	54.94 4.03 -10.99	66.63 4.83 -9.84	73.62 5.78 -4.94	74.84 5.70 0.33	60.98 4.88 -0.01	48.64 4.38 -0.02	39.44 3.45 -0.02
BARRETT_IC_7 23710	49.19 1.15 -35.65	42.36 1.19 -28.56	44.75 0.96 -33.23	31.95 0.95 -19.73	32.71 1.03 -19.68	35.75 1.97 -13.00	43.85 3.04 -9.74	44.13 3.52 -5.76	38.07 2.78 -8.51	33.39 2.21 -10.13	32.23 2.36 -8.61	34.10 2.30 -10.68	37.02 2.32 -14.49	38.04 2.69 -11.94	39.68 3.04 -10.43	49.07 3.15 -17.25	52.47 3.51 -13.51	54.66 3.75 -10.99	66.27 4.52 -9.80	73.23 5.41 -4.92	74.63 5.49 0.33	60.58 4.49 0.00	48.59 4.34 -0.01	39.44 3.45 -0.01
BARRETT_IC_8 23711	49.19 1.15 -35.65	42.36 1.19 -28.56	44.75 0.96 -33.23	31.95 0.95 -19.73	32.71 1.03 -19.68	35.75 1.97 -13.00	43.81 3.05 -9.70	44.13 3.52 -5.77	38.07 2.78 -8.51	33.39 2.21 -10.14	32.23 2.36 -8.62	34.10 2.30 -10.68	37.02 2.32 -14.49	38.05 2.69 -11.95	39.69 3.04 -10.43	49.16 3.24 -17.26	52.66 3.69 -13.52	54.94 4.03 -10.99	66.63 4.83 -9.84	73.62 5.78 -4.94	74.84 5.70 0.33	60.98 4.88 -0.01	48.64 4.38 -0.02	39.44 3.45 -0.02
BARRETT_IC_9 23700	49.19 1.15 -35.65	42.36 1.19 -28.56	44.75 0.96 -33.23	31.95 0.95 -19.73	32.71 1.03 -19.68	35.75 1.97 -13.00	43.81 3.05 -9.70	44.13 3.52 -5.77	38.07 2.78 -8.51	33.39 2.21 -10.14	32.23 2.36 -8.62	34.10 2.30 -10.68	37.02 2.32 -14.49	38.05 2.69 -11.95	39.69 3.04 -10.43	49.16 3.24 -17.26	52.66 3.69 -13.52	54.94 4.03 -10.99	66.63 4.83 -9.84	73.62 5.78 -4.94	74.84 5.70 0.33	60.98 4.88 -0.01	48.64 4.38 -0.02	39.44 3.45 -0.02
BARRETT___1 23545	49.19 1.15 -35.65	42.36 1.19 -28.56	44.75 0.96 -33.23	31.95 0.95 -19.73	32.71 1.03 -19.68	35.75 1.97 -13.00	43.81 3.05 -9.70	44.13 3.52 -5.77	38.07 2.78 -8.51	33.39 2.21 -10.14	32.23 2.36 -8.62	34.10 2.30 -10.68	37.02 2.32 -14.49	38.05 2.69 -11.95	39.69 3.04 -10.43	49.16 3.24 -17.26	52.66 3.69 -13.52	54.94 4.03 -10.99	66.63 4.83 -9.84	73.62 5.78 -4.94	74.84 5.70 0.33	60.98 4.88 -0.01	48.64 4.38 -0.02	39.44 3.45 -0.02
BARRETT___2 23546	49.19 1.15 -35.65	42.36 1.19 -28.56	44.75 0.96 -33.23	31.95 0.95 -19.73	32.71 1.03 -19.68	35.75 1.97 -13.00	43.81 3.05 -9.70	44.13 3.52 -5.77	38.07 2.78 -8.51	33.39 2.21 -10.14	32.23 2.36 -8.62	34.10 2.30 -10.68	37.02 2.32 -14.49	38.05 2.69 -11.95	39.69 3.04 -10.43	49.16 3.24 -17.26	52.66 3.69 -13.52	54.94 4.03 -10.99	66.63 4.83 -9.84	73.62 5.78 -4.94	74.84 5.70 0.33	60.98 4.88 -0.01	48.64 4.38 -0.02	39.44 3.45 -0.02
BATAVIA___115KV_TB1 55881	13.10 -0.79 -1.51	13.24 -0.67 -1.29	11.42 -0.59 -1.45	12.06 -0.61 -1.40	12.57 -0.82 -1.39	20.34 -1.35 -0.92	29.50 -2.27 -0.70	32.77 -2.47 -0.40	25.55 -1.82 -0.60	20.29 -1.45 -0.70	20.29 -1.55 -0.59	20.27 -1.58 -0.73	20.16 -1.50 -1.45	22.50 -1.73 -0.82	24.89 -2.04 -0.72	27.56 -2.29 -1.18	32.86 -2.73 -0.14	36.89 -3.11 -0.09	47.67 -4.36 -0.08	58.30 -4.84 -0.25	65.03 -4.45 0.00	52.04 -4.04 0.01	41.26 -2.96 0.01	33.85 -2.12 0.00
BAYONEEC___CTG1 323682	34.87 1.04 -21.45	32.03 1.05 -18.37	31.92 0.84 -20.52	31.92 0.91 -19.73	32.63 0.96 -19.68	35.49 1.72 -13.00	43.40 2.64 -9.69	43.80 3.20 -5.75	37.88 2.60 -8.51	33.41 2.23 -10.14	32.23 2.36 -8.61	34.10 2.30 -10.68	36.96 2.26 -14.49	38.06 2.71 -11.94	39.68 3.04 -10.43	49.32 3.41 -17.25	53.26 4.29 -13.52	55.76 4.83 -11.01	68.02 5.97 -10.09	75.08 7.11 -5.07	76.77 7.29 0.00	61.82 5.72 0.00	48.58 4.34 0.00	39.14 3.17 0.00
BAYONEEC___CTG10 323750	34.87 1.04 -21.45	32.03 1.05 -18.37	31.92 0.84 -20.52	31.92 0.91 -19.73	32.63 0.96 -19.68	35.49 1.72 -13.00	43.40 2.64 -9.69	43.80 3.20 -5.75	37.88 2.60 -8.51	33.41 2.23 -10.14	32.23 2.36 -8.61	34.10 2.30 -10.68	36.96 2.26 -14.49	38.06 2.71 -11.94	39.68 3.04 -10.43	49.32 3.41 -17.25	53.26 4.29 -13.52	55.76 4.83 -11.01	68.02 5.97 -10.09	75.08 7.11 -5.07	76.77 7.29 0.00	61.82 5.72 0.00	48.58 4.34 0.00	39.14 3.17 0.00
BAYONEEC___CTG2 323683	34.87 1.04 -21.45	32.03 1.05 -18.37	31.92 0.84 -20.52	31.92 0.91 -19.73	32.63 0.96 -19.68	35.49 1.72 -13.00	43.40 2.64 -9.69	43.80 3.20 -5.75	37.88 2.60 -8.51	33.41 2.23 -10.14	32.23 2.36 -8.61	34.10 2.30 -10.68	36.96 2.26 -14.49	38.06 2.71 -11.94	39.68 3.04 -10.43	49.32 3.41 -17.25	53.26 4.29 -13.52	55.76 4.83 -11.01	68.02 5.97 -10.09	75.08 7.11 -5.07	76.77 7.29 0.00	61.82 5.72 0.00	48.58 4.34 0.00	39.14 3.17 0.00
BAYONEEC___CTG3 323684	34.87 1.04 -21.45	32.03 1.05 -18.37	31.92 0.84 -20.52	31.92 0.91 -19.73	32.63 0.96 -19.68	35.49 1.72 -13.00	43.40 2.64 -9.69	43.80 3.20 -5.75	37.88 2.60 -8.51	33.41 2.23 -10.14	32.23 2.36 -8.61	34.10 2.30 -10.68	36.96 2.26 -14.49	38.06 2.71 -11.94	39.68 3.04 -10.43	49.32 3.41 -17.25	53.26 4.29 -13.52	55.76 4.83 -11.01	68.02 5.97 -10.09	75.08 7.11 -5.07	76.77 7.29 0.00	61.82 5.72 0.00	48.58 4.34 0.00	39.14 3.17 0.00
BAYONEEC___CTG4 323685	34.87 1.04 -21.45	32.03 1.05 -18.37	31.92 0.84 -20.52	31.92 0.91 -19.73	32.63 0.96 -19.68	35.49 1.72 -13.00	43.40 2.64 -9.69	43.80 3.20 -5.75	37.88 2.60 -8.51	33.41 2.23 -10.14	32.23 2.36 -8.61	34.10 2.30 -10.68	36.96 2.26 -14.49	38.06 2.71 -11.94	39.68 3.04 -10.43	49.32 3.41 -17.25	53.26 4.29 -13.52	55.76 4.83 -11.01	68.02 5.97 -10.09	75.08 7.11 -5.07	76.77 7.29 0.00	61.82 5.72 0.00	48.58 4.34 0.00	39.14 3.17 0.00
BAYONEEC___CTG5 323686	34.87 1.04 -21.45	32.03 1.05 -18.37	31.92 0.84 -20.52	31.92 0.91 -19.73	32.63 0.96 -19.68	35.49 1.72 -13.00	43.40 2.64 -9.69	43.80 3.20 -5.75	37.88 2.60 -8.51	33.41 2.23 -10.14	32.23 2.36 -8.61	34.10 2.30 -10.68	36.96 2.26 -14.49	38.06 2.71 -11.94	39.68 3.04 -10.43	49.32 3.41 -17.25	53.26 4.29 -13.52	55.76 4.83 -11.01	68.02 5.97 -10.09	75.08 7.11 -5.07	76.77 7.29 0.00	61.82 5.72 0.00	48.58 4.34 0.00	39.14 3.17 0.00
BAYONEEC___CTG6 323687	34.87 1.04 -21.45	32.03 1.05 -18.37	31.92 0.84 -20.52	31.92 0.91 -19.73	32.63 0.96 -19.68	35.49 1.72 -13.00	43.40 2.64 -9.69	43.80 3.20 -5.75	37.88 2.60 -8.51	33.41 2.23 -10.14	32.23 2.36 -8.61	34.10 2.30 -10.68	36.96 2.26 -14.49	38.06 2.71 -11.94	39.68 3.04 -10.43	49.32 3.41 -17.25	53.26 4.29 -13.52	55.76 4.83 -11.01	68.02 5.97 -10.09	75.08 7.11 -5.07	76.77 7.29 0.00	61.82 5.72 0.00	48.58 4.34 0.00	39.14 3.17 0.00
BAYONEEC___CTG7 323688	34.87 1.04 -21.45	32.03 1.05 -18.37	31.92 0.84 -20.52	31.92 0.91 -19.73	32.63 0.96 -19.68	35.49 1.72 -13.00	43.40 2.64 -9.69	43.80 3.20 -5.75	37.88 2.60 -8.51	33.41 2.23 -10.14	32.23 2.36 -8.61	34.10 2.30 -10.68	36.96 2.26 -14.49	38.06 2.71 -11.94	39.68 3.04 -10.43	49.32 3.41 -17.25	53.26 4.29 -13.52	55.76 4.83 -11.01	68.02 5.97 -10.09	75.08 7.11 -5.07	76.77 7.29 0.00	61.82 5.72 0.00	48.58 4.34 0.00	39.14 3.17 0.00

BAYONEEC___CTG8 323689	34.87 1.04 -21.45	32.03 1.05 -18.37	31.92 0.84 -20.52	31.92 0.91 -19.73	32.63 0.96 -19.68	35.49 1.72 -13.00	43.40 2.64 -9.69	43.80 3.20 -5.75	37.88 2.60 -8.51	33.41 2.23 -10.14	32.23 2.36 -8.61	34.10 2.30 -10.68	36.96 2.26 -14.49	38.06 2.71 -11.94	39.68 3.04 -10.43	49.32 3.41 -17.25	53.26 4.29 -13.52	55.76 4.83 -11.01	68.02 5.97 -10.09	75.08 7.11 -5.07	76.77 7.29 0.00	61.82 5.72 0.00	48.58 4.34 0.00	39.14 3.17 0.00
BAYONEEC___CTG9 323749	34.87 1.04 -21.45	32.03 1.05 -18.37	31.92 0.84 -20.52	31.92 0.91 -19.73	32.63 0.96 -19.68	35.49 1.72 -13.00	43.40 2.64 -9.69	43.80 3.20 -5.75	37.88 2.60 -8.51	33.41 2.23 -10.14	32.23 2.36 -8.61	34.10 2.30 -10.68	36.96 2.26 -14.49	38.06 2.71 -11.94	39.68 3.04 -10.43	49.32 3.41 -17.25	53.26 4.29 -13.52	55.76 4.83 -11.01	68.02 5.97 -10.09	75.08 7.11 -5.07	76.77 7.29 0.00	61.82 5.72 0.00	48.58 4.34 0.00	39.14 3.17 0.00
BAYPORT_69_KV_BK 2 356364	49.35 1.31 -35.65	42.50 1.32 -28.56	44.89 1.10 -33.23	32.11 1.10 -19.73	32.90 1.22 -19.68	36.14 2.37 -13.00	44.44 3.63 -9.74	44.93 4.32 -5.76	38.55 3.27 -8.51	33.68 2.50 -10.13	32.57 2.70 -8.61	34.42 2.62 -10.68	37.39 2.69 -14.49	38.56 3.21 -11.94	40.31 3.67 -10.43	49.56 3.64 -17.25	53.01 4.04 -13.51	55.30 4.39 -10.98	61.41 5.51 -3.95	71.52 6.73 -1.89	68.33 6.88 8.02	61.70 5.61 0.00	49.69 5.44 -0.01	40.08 4.10 -0.01
BEACON___LESR 323632	37.37 0.47 -24.51	34.10 0.49 -20.99	34.40 0.39 -23.46	34.24 0.42 -22.56	34.92 0.43 -22.50	36.40 0.77 -14.85	43.32 1.18 -11.08	42.71 1.29 -6.57	37.49 0.99 -9.73	33.38 0.76 -11.58	31.81 0.72 -9.83	34.03 0.72 -12.19	37.43 0.67 -16.55	37.81 0.77 -13.63	38.99 0.86 -11.91	49.34 0.98 -19.70	52.03 1.35 -15.24	53.97 1.64 -12.41	65.32 2.23 -11.13	71.33 2.76 -5.67	72.25 2.78 0.00	58.34 2.25 0.00	45.92 1.68 0.00	37.41 1.44 0.00
BEAVER RIVER___HYD 24048	12.92 -0.48 -1.01	12.96 -0.53 -0.87	11.08 -0.44 -0.97	11.74 -0.46 -0.93	12.48 -0.44 -0.93	20.64 -0.75 -0.61	30.34 -1.18 -0.45	33.79 -1.32 -0.27	25.81 -1.36 -0.40	20.33 -1.20 -0.49	20.54 -1.13 -0.41	20.53 -1.10 -0.51	19.81 -1.09 -0.69	22.79 -1.19 -0.57	25.38 -1.34 -0.50	28.12 -1.38 -0.83	34.31 -1.77 -0.63	38.99 -1.48 -0.55	53.33 -0.26 -1.63	64.52 -0.31 -1.94	71.07 0.07 -1.53	57.12 0.28 -0.75	44.83 0.40 -0.19	35.90 -0.07 0.00
BEEBEE_GT_13 23619	13.38 -0.54 -1.54	13.49 -0.44 -1.32	11.61 -0.43 -1.48	12.25 -0.45 -1.43	12.79 -0.62 -1.42	20.82 -0.89 -0.94	30.38 -1.40 -0.71	33.72 -1.53 -0.41	26.26 -1.12 -0.61	20.92 -0.84 -0.72	20.97 -0.89 -0.61	20.99 -0.89 -0.75	21.14 -0.79 -1.72	23.29 -0.96 -0.84	25.80 -1.15 -0.74	28.47 -1.40 -1.21	33.70 -2.02 -0.27	37.97 -2.16 -0.21	49.02 -3.12 -0.18	59.88 -3.27 -0.26	66.83 -2.64 0.00	53.28 -2.80 0.01	42.15 -2.08 0.01	34.57 -1.40 0.00
BENSHRST_27_KV_BENSHRST_1 355998	35.03 1.19 -21.45	32.19 1.20 -18.37	32.05 0.96 -20.53	32.05 1.04 -19.74	32.78 1.10 -19.68	35.70 1.93 -13.00	43.66 2.86 -9.73	44.05 3.45 -5.75	38.12 2.84 -8.51	33.60 2.42 -10.13	32.42 2.55 -8.61	34.31 2.51 -10.68	37.17 2.47 -14.49	38.35 3.00 -11.95	39.98 3.33 -10.44	49.62 3.70 -17.26	53.58 4.61 -13.52	56.08 5.15 -11.01	68.46 6.44 -10.06	75.57 7.61 -5.06	77.26 7.78 -0.01	62.33 6.23 -0.01	48.94 4.69 -0.01	39.54 3.56 -0.01
BETHLEHEM___GRP 23843	37.20 0.30 -24.52	33.94 0.33 -21.00	34.27 0.25 -23.46	34.11 0.28 -22.56	34.77 0.28 -22.50	36.13 0.50 -14.86	42.94 0.75 -11.13	42.22 0.80 -6.57	37.15 0.64 -9.73	33.15 0.53 -11.58	31.60 0.51 -9.84	33.82 0.51 -12.20	37.23 0.46 -16.55	37.56 0.51 -13.64	38.70 0.58 -11.91	49.01 0.63 -19.71	51.18 0.82 -14.91	53.29 0.96 -12.42	64.35 1.30 -11.09	70.12 1.57 -5.65	71.00 1.53 0.00	57.38 1.29 0.00	45.26 1.02 0.00	36.84 0.86 0.00
BETHLEHEM___GS1 323560	37.20 0.30 -24.52	33.94 0.33 -21.00	34.27 0.25 -23.46	34.11 0.28 -22.56	34.77 0.28 -22.50	36.13 0.50 -14.86	42.89 0.74 -11.08	42.22 0.80 -6.57	37.15 0.64 -9.73	33.15 0.53 -11.58	31.60 0.51 -9.84	33.82 0.51 -12.20	37.23 0.47 -16.55	37.56 0.51 -13.64	38.70 0.58 -11.91	49.03 0.66 -19.71	51.54 0.85 -15.24	53.33 1.00 -12.42	64.39 1.30 -11.14	70.20 1.63 -5.67	71.00 1.53 0.00	57.38 1.29 0.00	45.21 0.97 0.00	36.87 0.90 0.00
BETHLEHEM___GS2 323561	37.20 0.30 -24.52	33.94 0.33 -21.00	34.27 0.25 -23.46	34.11 0.28 -22.56	34.77 0.28 -22.50	36.13 0.50 -14.86	42.89 0.74 -11.08	42.22 0.80 -6.57	37.15 0.64 -9.73	33.15 0.53 -11.58	31.60 0.51 -9.84	33.82 0.51 -12.20	37.23 0.47 -16.55	37.56 0.51 -13.64	38.70 0.58 -11.91	49.03 0.66 -19.71	51.54 0.85 -15.24	53.33 1.00 -12.42	64.39 1.30 -11.14	70.20 1.63 -5.67	71.00 1.53 0.00	57.38 1.29 0.00	45.21 0.97 0.00	36.87 0.90 0.00
BETHLEHEM___GS3 323562	37.20 0.30 -24.52	33.94 0.33 -21.00	34.27 0.25 -23.46	34.11 0.28 -22.56	34.77 0.28 -22.50	36.13 0.50 -14.86	42.89 0.74 -11.08	42.22 0.80 -6.57	37.15 0.64 -9.73	33.15 0.53 -11.58	31.60 0.51 -9.84	33.82 0.51 -12.20	37.23 0.47 -16.55	37.56 0.51 -13.64	38.70 0.58 -11.91	49.03 0.66 -19.71	51.54 0.85 -15.24	53.33 1.00 -12.42	64.39 1.30 -11.14	70.20 1.63 -5.67	71.00 1.53 0.00	57.38 1.29 0.00	45.21 0.97 0.00	36.87 0.90 0.00
BETHLEHEM___STEEL 23779	12.93 -0.94 -1.49	13.02 -0.87 -1.27	11.24 -0.75 -1.44	11.85 -0.80 -1.38	12.44 -0.94 -1.38	20.04 -1.64 -0.90	29.12 -2.64 -0.69	32.28 -2.96 -0.39	25.30 -2.06 -0.59	20.13 -1.60 -0.68	20.11 -1.72 -0.58	20.11 -1.73 -0.72	20.15 -1.62 -1.56	22.30 -1.92 -0.81	24.69 -2.23 -0.70	27.50 -2.32 -1.16	32.46 -2.98 0.01	36.73 -3.15 0.04	47.50 -4.42 0.04	57.78 -5.35 -0.23	63.78 -5.70 0.00	51.53 -4.54 0.02	40.91 -3.32 0.02	33.49 -2.48 0.00
BETHLHEM_115KV_TB1 79974	37.21 0.32 -24.50	33.95 0.35 -20.98	34.27 0.27 -23.44	34.11 0.29 -22.54	34.79 0.31 -22.48	36.16 0.54 -14.84	42.99 0.81 -11.12	42.32 0.91 -6.57	37.19 0.70 -9.72	33.18 0.57 -11.57	31.64 0.55 -9.83	33.86 0.55 -12.19	37.26 0.51 -16.54	37.62 0.59 -13.63	38.77 0.66 -11.90	49.05 0.69 -19.70	51.24 0.89 -14.90	53.41 1.08 -12.41	64.44 1.40 -11.08	70.30 1.76 -5.64	71.14 1.67 0.00	57.49 1.40 0.00	45.35 1.11 0.00	36.91 0.94 0.00
BETHPAGE_CC_5 323564	49.27 1.23 -35.65	42.41 1.24 -28.56	44.79 1.00 -33.23	32.00 0.99 -19.73	32.77 1.09 -19.68	35.85 2.08 -13.00	44.00 3.23 -9.70	44.41 3.80 -5.76	38.23 2.94 -8.51	33.50 2.32 -10.14	32.35 2.49 -8.61	34.20 2.41 -10.68	37.17 2.46 -14.49	38.25 2.90 -11.94	39.92 3.28 -10.43	49.41 3.50 -17.25	52.90 3.93 -13.51	55.22 4.31 -10.99	62.36 5.19 -5.21	71.67 6.23 -2.55	69.32 6.26 6.41	61.42 5.33 0.00	49.16 4.91 -0.01	39.69 3.71 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	12.96 -0.92 -1.49	13.03 -0.86 -1.27	11.27 -0.73 -1.44	11.87 -0.78 -1.38	12.47 -0.90 -1.38	20.08 -1.60 -0.90	29.18 -2.58 -0.69	32.38 -2.86 -0.39	25.38 -1.98 -0.59	20.19 -1.54 -0.68	20.18 -1.66 -0.58	20.15 -1.69 -0.72	20.23 -1.56 -1.57	22.39 -1.83 -0.81	24.80 -2.12 -0.70	27.65 -2.18 -1.16	32.67 -2.77 0.02	37.00 -2.87 0.04	47.86 -4.05 0.05	58.10 -5.03 -0.23	63.85 -5.63 0.00	51.81 -4.26 0.02	41.04 -3.19 0.02	33.53 -2.45 0.00

BINGHAMTON___COGEN 23790	21.46 0.16 -8.91	20.41 0.16 -7.63	19.21 0.14 -8.51	19.60 0.15 -8.19	20.31 0.16 -8.16	26.44 0.27 -5.40	35.59 0.50 -4.03	37.77 0.59 -2.33	30.66 0.46 -3.44	25.50 0.34 -4.12	25.08 0.32 -3.50	25.77 0.32 -4.34	25.46 0.32 -4.92	28.66 0.40 -4.85	30.90 0.45 -4.24	36.20 0.52 -7.02	43.44 0.60 -7.39	46.84 0.84 -6.08	59.15 0.88 -6.32	67.51 1.07 -3.54	71.63 1.11 -1.04	57.52 0.90 -0.53	45.06 0.66 -0.15	36.40 0.43 0.00
BIXINCNT_115KV_LOAD 355685	12.72 -1.15 -1.49	12.74 -1.15 -1.27	11.03 -0.96 -1.44	11.64 -1.01 -1.38	12.30 -1.07 -1.38	19.79 -1.89 -0.90	28.81 -2.95 -0.69	32.03 -3.21 -0.39	25.14 -2.22 -0.59	20.01 -1.73 -0.69	19.91 -1.93 -0.59	19.95 -1.90 -0.73	20.08 -1.76 -1.63	22.19 -2.04 -0.82	24.70 -2.23 -0.71	27.80 -2.04 -1.17	33.06 -2.34 0.05	37.66 -2.20 0.06	48.81 -3.07 0.08	58.98 -4.15 -0.23	64.26 -5.21 0.00	52.65 -3.42 0.02	41.66 -2.57 0.02	33.78 -2.19 0.00
BLACK RIVER___HYD 24047	13.45 -0.25 -1.31	13.45 -0.29 -1.12	11.56 -0.25 -1.25	12.22 -0.26 -1.21	12.97 -0.23 -1.20	21.20 -0.37 -0.79	31.09 -0.56 -0.59	34.57 -0.63 -0.35	26.38 -0.91 -0.52	20.81 -0.86 -0.63	20.96 -0.83 -0.54	20.98 -0.80 -0.66	20.30 -0.81 -0.90	23.31 -0.84 -0.74	25.95 -0.92 -0.65	28.85 -0.89 -1.07	35.20 -1.06 -0.81	39.96 -0.68 -0.72	54.75 0.37 -2.43	66.30 0.44 -2.96	72.91 1.04 -2.39	58.32 1.06 -1.17	45.38 0.84 -0.30	36.15 0.18 0.00
BLACKRVR_115KV_TB2 79977	13.45 -0.25 -1.31	13.45 -0.29 -1.12	11.56 -0.25 -1.25	12.22 -0.26 -1.21	12.97 -0.23 -1.20	21.20 -0.37 -0.79	31.10 -0.56 -0.59	34.57 -0.63 -0.35	26.38 -0.91 -0.52	20.81 -0.86 -0.63	20.96 -0.83 -0.54	20.98 -0.80 -0.66	20.30 -0.81 -0.90	23.31 -0.84 -0.74	25.95 -0.92 -0.65	28.85 -0.89 -1.07	35.20 -1.06 -0.81	40.08 -0.56 -0.72	54.74 0.36 -2.42	66.29 0.44 -2.96	72.90 1.04 -2.39	58.32 1.07 -1.17	45.38 0.84 -0.30	36.15 0.18 0.00
BLISS_WT_PWR 323608	12.60 -1.28 -1.49	12.63 -1.26 -1.27	10.94 -1.06 -1.44	11.54 -1.12 -1.38	12.20 -1.17 -1.38	19.62 -2.06 -0.90	28.53 -3.20 -0.66	31.78 -3.45 -0.39	24.94 -2.41 -0.58	19.89 -1.85 -0.69	19.74 -2.10 -0.59	19.80 -2.05 -0.73	19.94 -1.90 -1.63	22.03 -2.20 -0.82	24.57 -2.36 -0.72	27.74 -2.12 -1.20	33.07 -2.34 0.04	37.67 -2.20 0.05	48.84 -3.07 0.05	59.37 -3.77 -0.25	64.19 -5.28 0.00	52.59 -3.48 0.02	41.65 -2.57 0.02	33.64 -2.34 0.00
BLUESTONE___WT_PWR 323821	21.33 0.25 -8.69	20.29 0.23 -7.45	19.07 0.20 -8.31	19.50 0.24 -7.99	20.23 0.26 -7.97	26.48 0.44 -5.27	36.88 1.37 -4.45	39.10 1.60 -2.65	31.70 1.02 -3.91	26.42 0.72 -4.66	25.83 0.62 -3.96	26.66 0.63 -4.91	27.17 0.59 -6.38	29.74 0.84 -5.49	31.98 0.97 -4.80	37.80 1.20 -7.93	44.22 1.77 -6.99	48.05 2.39 -5.73	59.58 2.18 -5.44	68.87 2.76 -3.21	73.78 3.40 -0.91	59.63 3.08 -0.45	46.75 2.39 -0.12	37.48 1.51 0.00
BLUE_CIRC_CHEM_DRP 24182	37.13 0.45 -24.30	33.89 0.47 -20.81	34.19 0.38 -23.25	34.03 0.41 -22.36	34.71 0.42 -22.30	36.23 0.73 -14.72	43.18 1.09 -11.03	42.48 1.12 -6.52	37.22 0.80 -9.65	33.13 0.61 -11.48	31.58 0.57 -9.75	33.78 0.57 -12.09	37.15 0.53 -16.41	37.54 0.61 -13.52	38.73 0.71 -11.81	49.01 0.80 -19.54	51.67 1.10 -15.12	53.63 1.40 -12.32	64.87 1.92 -11.00	70.88 2.39 -5.60	72.04 2.57 0.00	58.22 2.13 0.00	45.88 1.64 0.00	37.34 1.37 0.00
BOC_GAS_DRP 24189	37.16 0.38 -24.39	33.90 0.39 -20.89	34.22 0.33 -23.34	34.06 0.35 -22.44	34.75 0.37 -22.38	36.18 0.62 -14.78	43.10 0.96 -11.07	42.47 1.08 -6.55	37.32 0.86 -9.69	33.25 0.67 -11.53	31.73 0.68 -9.80	33.94 0.68 -12.15	37.34 0.65 -16.49	37.74 0.75 -13.58	38.92 0.84 -11.86	49.18 0.89 -19.63	51.43 1.13 -14.85	53.37 1.36 -12.09	64.71 1.71 -11.05	70.60 2.08 -5.62	71.56 2.08 0.00	57.83 1.74 0.00	45.61 1.37 0.00	37.09 1.12 0.00
BOONVILLE_115KV_TB1 79983	13.29 -0.07 -0.97	13.35 -0.10 -0.83	11.40 -0.08 -0.93	12.09 -0.08 -0.90	12.83 -0.06 -0.89	21.28 -0.08 -0.59	31.41 -0.09 -0.44	35.00 -0.10 -0.26	26.83 -0.32 -0.38	21.17 -0.34 -0.46	21.31 -0.34 -0.39	21.29 -0.32 -0.49	20.55 -0.32 -0.66	23.65 -0.30 -0.55	26.38 -0.31 -0.48	29.20 -0.26 -0.79	35.77 -0.28 -0.60	40.55 0.12 -0.51	54.27 1.14 -1.18	65.51 1.32 -1.29	72.17 1.74 -0.96	58.08 1.51 -0.47	45.60 1.24 -0.12	36.66 0.68 0.00
BORALEX_4TH_BRANCH 23824	37.79 0.77 -24.64	34.50 0.78 -21.10	34.78 0.64 -23.58	34.63 0.69 -22.67	35.34 0.73 -22.61	36.99 1.29 -14.93	44.27 2.02 -11.18	43.64 2.20 -6.60	38.28 1.74 -9.77	33.93 1.26 -11.62	32.32 1.19 -9.87	34.61 1.25 -12.24	37.96 1.13 -16.61	38.27 1.17 -13.69	39.45 1.28 -11.95	49.74 1.29 -19.79	52.19 1.77 -14.97	54.31 2.20 -12.19	66.00 2.91 -11.14	72.28 3.71 -5.67	73.15 3.68 0.00	59.23 3.14 0.00	46.63 2.39 0.00	38.20 2.23 0.00
BOWLINE___1 23526	34.40 0.90 -21.11	31.60 0.91 -18.07	31.49 0.74 -20.20	31.48 0.79 -19.42	32.20 0.84 -19.37	35.08 1.52 -12.79	43.04 2.36 -9.62	43.29 2.79 -5.66	37.37 2.22 -8.38	32.88 1.87 -9.96	31.70 1.98 -8.46	33.56 1.94 -10.50	36.38 1.92 -14.25	37.44 2.30 -11.74	39.04 2.57 -10.25	48.66 2.89 -17.10	52.41 3.65 -13.31	54.87 4.11 -10.84	67.05 5.14 -9.95	74.06 6.17 -5.00	75.73 6.26 0.00	60.97 4.88 0.00	48.05 3.81 0.00	38.71 2.73 0.00
BOWLINE___2 23595	34.40 0.90 -21.11	31.60 0.91 -18.08	31.49 0.74 -20.20	31.48 0.79 -19.42	32.20 0.84 -19.37	35.08 1.52 -12.79	43.04 2.36 -9.62	43.30 2.79 -5.66	37.37 2.22 -8.38	32.88 1.87 -9.96	31.70 1.98 -8.46	33.56 1.94 -10.50	36.38 1.92 -14.25	37.44 2.30 -11.74	39.04 2.57 -10.25	48.66 2.89 -17.10	52.41 3.65 -13.31	54.88 4.11 -10.84	67.05 5.14 -9.95	74.06 6.17 -5.00	75.73 6.26 0.00	60.97 4.88 0.00	48.05 3.81 0.00	38.71 2.73 0.00
BRADY___115KV_TB2 356060	12.06 -0.32 0.00	12.24 -0.38 0.00	10.27 -0.29 0.00	10.97 -0.30 0.00	11.75 -0.24 0.00	20.36 -0.42 0.00	30.41 -0.65 0.00	34.01 -0.84 0.00	25.92 -0.86 0.00	20.29 -0.76 0.00	20.60 -0.66 0.00	20.49 -0.63 0.00	19.52 -0.69 0.00	22.64 -0.77 0.00	25.38 -0.84 0.00	27.78 -0.89 0.00	34.56 -0.89 0.00	39.16 -0.76 0.00	51.43 -0.52 0.00	61.95 -0.94 0.00	68.78 -0.69 0.00	55.87 -0.22 0.00	44.06 -0.18 0.00	35.79 -0.18 0.00
BRANSCOMB___SOLAR 323811	38.17 0.71 -25.07	34.82 0.73 -21.47	35.15 0.60 -23.99	34.97 0.63 -23.07	35.67 0.67 -23.01	37.15 1.18 -15.19	44.40 2.05 -11.28	43.70 2.16 -6.69	38.21 1.53 -9.91	33.83 0.99 -11.80	32.17 0.89 -10.02	34.46 0.91 -12.43	37.93 0.85 -16.87	38.27 0.96 -13.90	39.43 1.08 -12.14	49.67 0.92 -20.08	52.06 1.42 -15.19	54.09 1.80 -12.37	65.92 2.60 -11.37	72.14 3.46 -5.79	73.01 3.54 0.00	59.06 2.97 0.00	46.45 2.21 0.00	38.20 2.23 0.00
BRDGHMPT_69_KV_BK1 55812	49.09 1.05 -35.65	42.24 1.06 -28.56	44.64 0.86 -33.23	31.87 0.87 -19.73	32.65 0.97 -19.68	35.72 1.95 -13.00	43.82 3.01 -9.74	44.55 3.94 -5.76	38.20 2.92 -8.51	33.36 2.19 -10.13	32.27 2.40 -8.61	34.08 2.28 -10.68	37.09 2.38 -14.49	38.23 2.88 -11.94	39.95 3.30 -10.43	49.19 3.27 -17.25	52.54 3.58 -13.51	54.50 3.59 -10.98	60.40 4.62 -3.82	70.51 5.79 -1.83	67.13 5.84 8.18	60.86 4.77 0.00	48.90 4.65 -0.01	39.36 3.38 -0.01



BRENTWOD_69_KV_W. BRTWOOD 56703	49.29 1.25 -35.65	42.44 1.26 -28.56	44.82 1.03 -33.23	32.04 1.04 -19.73	32.82 1.14 -19.68	35.97 2.20 -13.00	44.23 3.42 -9.74	44.62 4.01 -5.76	38.36 3.08 -8.51	33.55 2.38 -10.13	32.42 2.55 -8.61	34.27 2.47 -10.68	37.23 2.53 -14.49	38.34 3.00 -11.94	40.05 3.41 -10.43	49.39 3.47 -17.25	52.69 3.72 -13.51	54.78 3.87 -10.98	60.57 4.62 -3.99	70.41 5.60 -1.91	67.14 5.63 7.96	60.80 4.71 0.00	49.25 5.00 -0.01	39.80 3.81 -0.01
BRISTLHL_115KV_TB1 79998	14.04 -0.20 -1.86	14.00 -0.20 -1.59	12.15 -0.18 -1.78	12.79 -0.19 -1.71	13.49 -0.20 -1.70	21.55 -0.35 -1.12	31.41 -0.50 -0.84	34.79 -0.56 -0.49	27.13 -0.37 -0.73	21.63 -0.32 -0.90	21.70 -0.32 -0.77	21.75 -0.32 -0.95	21.22 -0.28 -1.29	24.14 -0.33 -1.06	26.78 -0.37 -0.93	29.80 -0.40 -1.53	35.53 -0.64 -0.72	39.84 -0.80 -0.72	55.20 -1.14 -4.39	67.67 -1.20 -5.96	73.31 -1.25 -5.08	57.45 -1.12 -2.48	43.95 -0.93 -0.64	35.18 -0.79 0.00
BROOKHAVEN__DRP 24191	49.23 1.19 -35.65	42.38 1.20 -28.56	44.78 0.99 -33.23	32.01 1.00 -19.73	32.78 1.10 -19.68	35.93 2.16 -13.00	44.13 3.32 -9.74	44.58 3.97 -5.76	38.28 3.00 -8.51	33.47 2.29 -10.13	32.36 2.49 -8.61	34.18 2.39 -10.68	37.17 2.47 -14.49	38.30 2.95 -11.94	40.00 3.36 -10.43	49.21 3.30 -17.25	52.54 3.58 -13.51	54.74 3.83 -10.98	60.50 4.73 -3.82	70.51 5.79 -1.83	67.19 5.91 8.19	60.92 4.82 0.00	49.16 4.91 -0.01	39.72 3.74 -0.01
BROOKLYN_NAVY_YARD 23515	34.85 1.02 -21.45	32.01 1.02 -18.37	31.88 0.80 -20.52	31.87 0.87 -19.73	17.65 0.92 -4.73	35.43 1.66 -13.00	43.31 2.55 -9.69	43.70 3.10 -5.75	37.80 2.52 -8.51	33.35 2.17 -10.14	32.17 2.30 -8.61	34.03 2.24 -10.68	36.90 2.20 -14.49	37.99 2.64 -11.94	39.61 2.96 -10.43	49.27 3.35 -17.25	53.18 4.22 -13.52	55.68 4.75 -11.01	67.86 5.82 -10.09	74.89 6.92 -5.07	76.56 7.09 0.00	61.70 5.61 0.00	48.49 4.25 0.00	39.03 3.06 0.00
BROOKLYN__ARMY_DRP 323595	34.98 1.14 -21.45	32.15 1.16 -18.37	32.02 0.93 -20.53	32.02 1.00 -19.74	32.74 1.07 -19.68	35.64 1.87 -13.00	43.56 2.76 -9.73	43.94 3.35 -5.75	38.02 2.73 -8.51	33.51 2.34 -10.13	32.36 2.49 -8.61	34.23 2.43 -10.68	37.09 2.38 -14.49	38.24 2.88 -11.95	39.88 3.22 -10.44	49.48 3.55 -17.26	53.40 4.43 -13.52	55.88 4.95 -11.01	68.20 6.18 -10.06	75.25 7.30 -5.06	76.91 7.43 -0.01	62.05 5.95 -0.01	48.76 4.51 -0.01	39.40 3.42 -0.01
BROOME_2_LFGE 323671	21.46 0.16 -8.91	20.41 0.16 -7.63	19.21 0.14 -8.51	19.60 0.15 -8.19	20.31 0.16 -8.16	26.44 0.27 -5.40	35.49 0.50 -3.93	37.78 0.59 -2.34	30.68 0.45 -3.45	25.50 0.34 -4.12	25.08 0.32 -3.50	25.78 0.32 -4.34	25.45 0.32 -4.92	28.66 0.40 -4.85	30.90 0.45 -4.24	36.18 0.52 -7.00	43.49 0.67 -7.37	46.82 0.84 -6.06	59.31 0.94 -6.42	67.68 1.19 -3.59	71.61 1.11 -1.03	57.57 0.95 -0.52	45.10 0.71 -0.15	36.37 0.40 0.00
BROOME__LFGE 323600	21.46 0.16 -8.91	20.41 0.16 -7.63	19.21 0.14 -8.51	19.60 0.15 -8.19	20.31 0.16 -8.16	26.44 0.27 -5.40	35.49 0.50 -3.93	37.78 0.59 -2.34	30.68 0.45 -3.45	25.50 0.34 -4.12	25.08 0.32 -3.50	25.78 0.32 -4.34	25.45 0.32 -4.92	28.66 0.40 -4.85	30.90 0.45 -4.24	36.18 0.52 -7.00	43.49 0.67 -7.37	46.82 0.84 -6.06	59.31 0.94 -6.42	67.68 1.19 -3.59	71.61 1.11 -1.03	57.57 0.95 -0.52	45.10 0.71 -0.15	36.37 0.40 0.00
BROWNFLS_115KV_TB_3_5 80003	12.50 -0.62 -0.73	12.56 -0.68 -0.63	10.71 -0.55 -0.70	11.36 -0.59 -0.68	12.13 -0.54 -0.67	20.31 -0.91 -0.44	29.97 -1.43 -0.33	33.41 -1.64 -0.20	25.51 -1.55 -0.29	20.09 -1.30 -0.35	20.34 -1.21 -0.30	20.31 -1.18 -0.37	19.52 -1.19 -0.50	22.49 -1.33 -0.41	25.06 -1.52 -0.36	27.66 -1.61 -0.60	33.92 -1.99 -0.45	38.48 -1.84 -0.40	51.86 -1.25 -1.16	62.56 -1.70 -1.37	69.02 -1.53 -1.08	55.72 -0.90 -0.53	43.85 -0.53 -0.14	35.36 -0.61 0.00
BROWNSV1_27_KV_LOAD 356125	34.95 1.11 -21.45	32.11 1.12 -18.37	31.99 0.91 -20.52	31.98 0.98 -19.73	32.71 1.03 -19.68	35.62 1.85 -13.00	43.63 2.83 -9.73	44.01 3.42 -5.75	38.07 2.78 -8.51	33.55 2.38 -10.13	32.38 2.51 -8.61	34.25 2.45 -10.68	37.11 2.41 -14.49	38.25 2.90 -11.94	39.87 3.22 -10.43	49.50 3.58 -17.25	53.40 4.43 -13.51	55.91 4.99 -11.01	68.24 6.23 -10.05	75.37 7.42 -5.05	77.11 7.64 0.00	62.09 6.00 0.00	48.75 4.51 0.00	39.35 3.38 0.00
BURROWS__LYONSDAL 23803	13.17 -0.20 -0.98	13.22 -0.24 -0.84	11.30 -0.20 -0.94	11.97 -0.20 -0.90	12.71 -0.18 -0.90	21.08 -0.29 -0.59	31.08 -0.43 -0.45	34.62 -0.49 -0.26	26.52 -0.64 -0.39	20.93 -0.59 -0.47	21.06 -0.60 -0.40	21.06 -0.55 -0.49	20.32 -0.57 -0.67	23.38 -0.59 -0.55	26.07 -0.63 -0.48	28.83 -0.63 -0.80	35.35 -0.71 -0.60	40.12 -0.32 -0.52	54.10 0.88 -1.27	65.32 1.01 -1.42	71.94 1.39 -1.07	57.91 1.29 -0.52	45.44 1.06 -0.13	36.48 0.50 0.00
CAITHNESS_CC_1 323624	49.20 1.16 -35.65	42.36 1.19 -28.56	44.77 0.98 -33.23	32.00 0.99 -19.73	32.77 1.09 -19.68	35.91 2.14 -13.00	44.03 3.26 -9.70	44.51 3.90 -5.76	38.26 2.97 -8.51	33.45 2.27 -10.14	32.33 2.46 -8.61	34.16 2.36 -10.68	37.15 2.44 -14.49	38.27 2.93 -11.94	39.97 3.33 -10.43	49.26 3.35 -17.25	52.72 3.76 -13.51	55.02 4.11 -10.99	60.64 4.83 -3.86	70.65 5.91 -1.85	67.12 5.84 8.19	61.19 5.10 0.00	49.20 4.95 -0.01	39.69 3.71 -0.01
CALPINE BETH_PAGE_GT4 24209	49.28 1.24 -35.65	42.43 1.25 -28.56	44.79 1.00 -33.23	32.01 1.00 -19.73	32.77 1.09 -19.68	35.87 2.10 -13.00	44.04 3.23 -9.75	44.41 3.80 -5.76	38.23 2.94 -8.51	33.49 2.32 -10.13	32.36 2.49 -8.61	34.20 2.41 -10.68	37.17 2.47 -14.49	38.25 2.90 -11.94	39.92 3.28 -10.43	49.27 3.35 -17.25	52.51 3.55 -13.51	54.70 3.79 -10.99	62.30 4.68 -5.67	71.28 5.60 -2.79	69.35 5.63 5.75	60.69 4.60 0.00	48.86 4.60 -0.01	39.69 3.71 -0.01
CALPINE_BETH_PAGE_GT_4 323586	49.28 1.24 -35.65	42.43 1.25 -28.56	44.79 1.00 -33.23	32.01 1.00 -19.73	32.77 1.09 -19.68	35.87 2.10 -13.00	44.00 3.23 -9.70	44.41 3.80 -5.76	38.23 2.94 -8.51	33.50 2.32 -10.14	32.35 2.49 -8.61	34.20 2.41 -10.68	37.17 2.46 -14.49	38.25 2.90 -11.94	39.92 3.28 -10.43	49.41 3.50 -17.25	52.86 3.90 -13.51	55.22 4.31 -10.99	62.81 5.14 -5.71	71.93 6.23 -2.81	69.90 6.18 5.75	61.36 5.27 0.00	49.16 4.91 -0.01	39.69 3.71 -0.01
CALPINE_BP_GT1 23823	49.28 1.24 -35.65	42.43 1.25 -28.56	44.79 1.00 -33.23	32.01 1.00 -19.73	32.77 1.09 -19.68	35.87 2.10 -13.00	44.00 3.23 -9.70	44.41 3.80 -5.76	38.23 2.94 -8.51	33.50 2.32 -10.14	32.35 2.49 -8.61	34.20 2.41 -10.68	37.17 2.46 -14.49	38.25 2.90 -11.94	39.92 3.28 -10.43	49.41 3.50 -17.25	52.86 3.90 -13.51	55.22 4.31 -10.99	62.81 5.14 -5.71	71.93 6.23 -2.81	69.90 6.18 5.75	61.36 5.27 0.00	49.16 4.91 -0.01	39.69 3.71 -0.01
CALSPAN__DRP 24200	12.93 -0.94 -1.49	13.02 -0.87 -1.27	11.24 -0.75 -1.44	11.85 -0.80 -1.38	12.44 -0.94 -1.38	20.04 -1.64 -0.90	29.12 -2.64 -0.69	32.28 -2.96 -0.39	25.30 -2.06 -0.59	20.13 -1.60 -0.68	20.11 -1.72 -0.58	20.11 -1.73 -0.72	20.15 -1.62 -1.56	22.30 -1.92 -0.81	24.69 -2.23 -0.70	27.50 -2.32 -1.16	32.46 -2.98 0.01	36.73 -3.15 0.04	47.50 -4.42 0.04	57.78 -5.35 -0.23	63.78 -5.70 0.00	51.53 -4.54 0.02	40.91 -3.32 0.02	33.49 -2.48 0.00

CALVERTON___SOLAR 323806	49.23 1.19 -35.65	42.39 1.21 -28.56	44.78 0.99 -33.23	32.01 1.00 -19.73	32.79 1.12 -19.68	35.95 2.18 -13.00	44.09 3.33 -9.70	44.62 4.01 -5.76	38.31 3.02 -8.51	33.48 2.29 -10.14	32.35 2.49 -8.61	34.18 2.39 -10.68	37.17 2.46 -14.49	38.30 2.95 -11.94	40.03 3.38 -10.43	49.32 3.41 -17.25	52.83 3.86 -13.51	55.14 4.23 -10.99	60.85 5.04 -3.86	70.97 6.23 -1.85	67.47 6.18 8.18	61.48 5.39 0.00	49.38 5.13 -0.01	39.76 3.78 -0.01
CANDIGU_WT_PWR 323617	12.97 -0.85 -1.44	13.00 -0.85 -1.22	11.23 -0.72 -1.39	11.84 -0.77 -1.34	12.49 -0.84 -1.34	20.21 -1.43 -0.87	29.56 -2.14 -0.64	31.96 -3.24 -0.36	24.90 -2.41 -0.54	19.73 -1.96 -0.65	19.68 -2.13 -0.55	19.56 -2.24 -0.68	5.29 -2.10 12.82	21.74 -2.44 -0.76	24.26 -2.62 -0.67	27.78 -2.03 -1.15	32.63 -2.27 0.56	37.49 -1.96 0.48	48.87 -2.65 0.44	60.13 -2.96 -0.19	66.14 -3.33 0.00	53.54 -2.52 0.03	42.22 -1.99 0.03	34.21 -1.76 0.00
CARR STREET_E_SYR 24060	14.47 -0.04 -2.12	14.40 -0.04 -1.82	12.54 -0.04 -2.03	13.18 -0.04 -1.95	13.89 -0.05 -1.95	21.98 -0.08 -1.28	31.92 -0.09 -0.95	35.31 -0.10 -0.56	27.58 -0.03 -0.83	22.01 -0.04 -1.01	22.07 -0.04 -0.86	22.14 -0.04 -1.06	21.65 0.00 -1.44	24.60 0.00 -1.19	27.23 -0.03 -1.04	30.36 -0.03 -1.72	36.14 -0.14 -0.83	40.40 -0.24 -0.72	53.56 -0.42 -2.03	64.96 -0.38 -2.44	70.99 -0.35 -1.86	56.61 -0.39 -0.91	44.12 -0.36 -0.23	35.61 -0.36 0.00
CARTHAGE___PAPER 23857	13.17 -0.41 -1.20	13.19 -0.45 -1.02	11.32 -0.38 -1.14	11.98 -0.39 -1.10	12.72 -0.37 -1.10	20.90 -0.60 -0.72	30.67 -0.93 -0.54	34.09 -1.08 -0.32	26.04 -1.20 -0.47	20.52 -1.10 -0.57	20.72 -1.02 -0.49	20.69 -1.03 -0.61	20.00 -1.03 -0.82	22.99 -1.10 -0.68	25.58 -1.23 -0.59	28.38 -1.26 -0.98	34.67 -1.52 -0.74	39.38 -1.20 -0.66	54.07 0.00 -2.12	65.46 0.00 -2.56	72.02 0.49 -2.06	57.71 0.62 -1.00	45.07 0.57 -0.26	35.97 0.00 0.00
CASSADAGA_WT_PWR 323784	12.71 -1.16 -1.49	12.77 -1.12 -1.27	11.07 -0.93 -1.44	11.69 -0.96 -1.38	12.27 -1.10 -1.38	19.68 -1.99 -0.90	28.65 -3.08 -0.66	31.89 -3.35 -0.39	24.94 -2.41 -0.58	19.80 -1.94 -0.69	19.78 -2.06 -0.59	19.78 -2.07 -0.73	19.93 -1.90 -1.62	22.10 -2.13 -0.82	24.65 -2.28 -0.72	27.77 -2.09 -1.20	33.15 -2.27 0.03	37.88 -1.99 0.05	49.32 -2.60 0.04	60.19 -2.96 -0.25	65.79 -3.68 0.00	53.44 -2.64 0.02	42.37 -1.86 0.02	34.36 -1.62 0.00
CE_DUNWOOD___DRP 24194	34.78 0.97 -21.43	31.94 0.97 -18.35	31.84 0.78 -20.50	31.83 0.85 -19.72	32.56 0.90 -19.66	35.38 1.62 -12.98	43.28 2.49 -9.73	43.56 2.96 -5.74	37.66 2.38 -8.50	33.17 2.00 -10.12	31.98 2.13 -8.60	33.87 2.09 -10.66	36.74 2.06 -14.47	37.81 2.48 -11.92	39.38 2.75 -10.41	48.93 3.04 -17.23	52.70 3.76 -13.49	55.15 4.23 -11.00	67.30 5.30 -10.04	74.24 6.29 -5.05	75.93 6.46 0.00	61.14 5.05 0.00	48.13 3.89 0.00	38.89 2.91 0.00
CE_MILLWOOD___DRP 24193	34.72 0.94 -21.39	31.88 0.95 -18.32	31.79 0.77 -20.47	31.77 0.82 -19.68	32.50 0.88 -19.63	35.32 1.58 -12.96	43.20 2.42 -9.71	43.48 2.89 -5.73	37.56 2.30 -8.49	33.08 1.94 -10.10	31.90 2.06 -8.58	33.79 2.03 -10.64	36.65 2.00 -14.44	37.69 2.39 -11.90	39.28 2.67 -10.39	48.81 2.95 -17.20	52.57 3.65 -13.47	55.01 4.11 -10.98	67.12 5.14 -10.03	74.10 6.16 -5.04	75.73 6.25 0.00	61.03 4.94 0.00	48.05 3.80 0.00	38.82 2.84 0.00
CE_NYC2_DRP 24202	34.90 1.07 -21.45	32.09 1.10 -18.37	31.97 0.89 -20.53	31.97 0.96 -19.74	32.68 1.01 -19.68	35.54 1.77 -13.00	43.41 2.61 -9.73	43.80 3.21 -5.75	37.91 2.62 -8.51	33.45 2.27 -10.13	32.25 2.38 -8.61	34.14 2.34 -10.68	36.98 2.28 -14.49	38.11 2.76 -11.94	39.71 3.07 -10.43	49.30 3.38 -17.25	53.18 4.22 -13.51	55.64 4.71 -11.01	67.88 5.87 -10.05	74.87 6.92 -5.05	76.49 7.02 0.00	61.64 5.55 0.00	48.49 4.25 0.00	39.17 3.20 0.00
CE_NYC_DRP 24195	34.89 1.05 -21.45	32.04 1.06 -18.37	31.93 0.86 -20.52	31.93 0.92 -19.73	32.65 0.97 -19.68	35.52 1.75 -13.00	43.47 2.67 -9.73	43.84 3.24 -5.75	37.93 2.65 -8.51	33.43 2.25 -10.13	32.25 2.38 -8.61	34.14 2.34 -10.68	37.01 2.30 -14.49	38.11 2.76 -11.94	39.71 3.07 -10.43	49.33 3.41 -17.25	53.18 4.22 -13.51	55.67 4.75 -11.01	67.88 5.87 -10.05	74.93 6.98 -5.05	76.63 7.16 0.00	61.70 5.61 0.00	48.49 4.25 0.00	39.14 3.17 0.00
CHAFFEE___LFGE 323603	12.97 -0.90 -1.49	13.06 -0.83 -1.28	11.28 -0.72 -1.44	11.89 -0.77 -1.38	12.48 -0.89 -1.38	20.12 -1.56 -0.90	29.21 -2.52 -0.66	32.45 -2.79 -0.39	25.42 -1.93 -0.58	20.23 -1.52 -0.70	20.21 -1.64 -0.59	20.21 -1.65 -0.73	20.27 -1.54 -1.60	22.43 -1.80 -0.82	24.83 -2.10 -0.72	27.68 -2.18 -1.20	32.77 -2.66 0.02	37.09 -2.80 0.03	47.98 -3.95 0.03	58.36 -4.78 -0.25	63.98 -5.49 0.00	51.86 -4.21 0.02	41.04 -3.19 0.02	33.42 -2.55 0.00
CHATEAUG_35_KV_LOAD 355732	12.01 -0.37 0.00	12.20 -0.42 0.00	10.23 -0.33 0.00	10.92 -0.35 0.00	11.67 -0.32 0.00	20.21 -0.56 0.00	30.23 -0.84 0.00	33.84 -1.01 0.00	25.92 -0.86 0.00	20.35 -0.69 0.00	20.60 -0.66 0.00	20.44 -0.68 0.00	19.50 -0.71 0.00	22.64 -0.77 0.00	25.40 -0.81 0.00	27.78 -0.89 0.00	34.53 -0.92 0.00	39.04 -0.88 0.00	51.07 -0.88 0.00	61.64 -1.26 0.00	68.29 -1.18 0.00	55.25 -0.84 0.00	43.53 -0.71 0.00	35.43 -0.54 0.00
CHATEAUG_WT_PWR 323614	12.00 -0.38 0.00	12.18 -0.44 0.00	10.21 -0.35 0.00	10.91 -0.36 0.00	11.65 -0.35 0.00	20.17 -0.60 0.00	30.13 -0.93 0.00	33.80 -1.04 0.00	25.91 -0.86 0.00	20.35 -0.69 0.00	20.62 -0.64 0.00	20.46 -0.65 0.00	19.52 -0.69 0.00	22.66 -0.75 0.00	25.43 -0.79 0.00	27.78 -0.89 0.00	34.42 -1.03 0.00	38.96 -0.96 0.00	50.92 -1.04 0.00	61.45 -1.44 0.00	68.22 -1.25 0.00	55.14 -0.95 0.00	43.49 -0.75 0.00	35.36 -0.61 0.00
CHAT_HIGH_FALL_HYD 323578	12.01 -0.37 0.00	12.20 -0.42 0.00	10.23 -0.33 0.00	10.92 -0.35 0.00	11.67 -0.32 0.00	20.21 -0.56 0.00	30.23 -0.84 0.00	33.84 -1.01 0.00	25.92 -0.86 0.00	20.35 -0.69 0.00	20.60 -0.66 0.00	20.44 -0.68 0.00	19.50 -0.71 0.00	22.64 -0.77 0.00	25.40 -0.81 0.00	27.78 -0.89 0.00	34.53 -0.92 0.00	39.04 -0.88 0.00	51.07 -0.88 0.00	61.64 -1.26 0.00	68.29 -1.18 0.00	55.25 -0.84 0.00	43.53 -0.71 0.00	35.43 -0.54 0.00
CHAUTAUQUA___LFGE 323629	12.92 -0.95 -1.49	13.01 -0.88 -1.27	11.25 -0.75 -1.44	11.86 -0.79 -1.38	12.44 -0.94 -1.38	20.06 -1.62 -0.90	29.21 -2.52 -0.66	32.45 -2.79 -0.39	25.37 -1.98 -0.58	20.16 -1.58 -0.70	20.14 -1.70 -0.59	20.14 -1.71 -0.73	20.23 -1.58 -1.60	22.43 -1.80 -0.82	24.89 -2.04 -0.72	27.83 -2.03 -1.20	33.02 -2.41 0.02	37.53 -2.36 0.03	48.75 -3.17 0.03	59.56 -3.58 -0.25	65.37 -4.10 0.00	52.88 -3.19 0.02	41.88 -2.35 0.02	34.14 -1.83 0.00
CHERRYST_13_KV_LD 356241	34.91 1.08 -21.45	32.07 1.09 -18.37	31.95 0.88 -20.52	31.95 0.95 -19.73	32.68 1.01 -19.68	35.58 1.81 -13.00	43.56 2.76 -9.73	43.94 3.35 -5.75	38.02 2.73 -8.51	33.51 2.34 -10.13	32.34 2.47 -8.61	34.23 2.43 -10.68	37.09 2.38 -14.49	38.21 2.86 -11.94	39.82 3.17 -10.43	49.44 3.53 -17.25	53.33 4.36 -13.51	55.83 4.91 -11.01	68.08 6.08 -10.05	75.12 7.17 -5.05	76.84 7.36 0.00	61.87 5.78 0.00	48.62 4.38 0.00	39.25 3.27 0.00

CHESTROR_138KV_BK263 355645	33.97 0.81 -20.78	31.22 0.81 -17.80	31.09 0.65 -19.88	31.09 0.70 -19.12	31.81 0.74 -19.07	34.72 1.35 -12.59	42.58 2.08 -9.43	42.89 2.47 -5.56	36.94 1.93 -8.24	32.47 1.62 -9.80	31.30 1.72 -8.33	33.11 1.67 -10.33	35.81 1.66 -13.94	36.94 1.99 -11.55	38.53 2.23 -10.08	47.82 2.47 -16.69	51.55 3.08 -13.01	54.04 3.51 -10.61	66.06 4.42 -9.69	73.04 5.28 -4.86	74.89 5.42 0.00	60.36 4.26 0.00	47.47 3.23 0.00	38.38 2.41 0.00
CH_MIDHUDSON___DRP 24192	35.26 0.90 -21.97	32.33 0.90 -18.81	32.32 0.74 -21.02	32.27 0.79 -20.21	32.98 0.83 -20.16	35.58 1.50 -13.31	43.30 2.27 -9.97	43.45 2.72 -5.88	37.62 2.14 -8.71	33.17 1.77 -10.36	31.91 1.85 -8.80	33.85 1.82 -10.91	36.82 1.80 -14.81	37.76 2.15 -12.20	39.28 2.41 -10.66	48.99 2.69 -17.64	52.60 3.37 -13.78	55.06 3.91 -11.23	67.14 4.94 -10.25	74.03 5.98 -5.16	75.59 6.11 0.00	60.92 4.82 0.00	47.91 3.67 0.00	38.74 2.77 0.00
CH_MISC_IPPS 23765	35.24 0.97 -21.89	32.33 0.97 -18.74	32.29 0.79 -20.94	32.25 0.85 -20.14	32.96 0.89 -20.08	35.66 1.62 -13.26	43.39 2.45 -9.87	43.59 2.89 -5.86	37.66 2.22 -8.67	33.17 1.81 -10.31	31.93 1.91 -8.76	33.84 1.86 -10.86	36.80 1.84 -14.75	37.78 2.23 -12.15	39.34 2.52 -10.61	49.11 2.89 -17.55	52.90 3.72 -13.72	55.45 4.35 -11.18	67.79 5.56 -10.27	74.86 6.79 -5.17	76.42 6.95 0.00	61.53 5.44 0.00	48.40 4.16 0.00	39.00 3.02 0.00
CH_RES_BVR_FALLS 23983	12.24 -0.15 0.00	12.45 -0.16 0.00	10.43 -0.13 0.00	11.14 -0.13 0.00	11.86 -0.13 0.00	20.55 -0.23 0.00	30.72 -0.34 0.00	34.47 -0.38 0.00	26.45 -0.32 0.00	20.79 -0.25 0.00	21.02 -0.23 0.00	20.89 -0.23 0.00	19.97 -0.24 0.00	23.13 -0.28 0.00	25.93 -0.29 0.00	28.35 -0.31 0.00	35.10 -0.35 0.00	39.56 -0.36 0.00	51.54 -0.42 0.00	62.39 -0.51 0.00	68.99 -0.48 0.00	55.76 -0.33 0.00	43.98 -0.26 0.00	35.79 -0.18 0.00
CH_RES_NIAGARA 23895	12.76 -1.13 -1.50	12.94 -0.96 -1.28	11.01 -0.98 -1.43	11.57 -1.07 -1.37	12.07 -1.30 -1.37	19.58 -2.10 -0.90	28.42 -3.32 -0.68	31.46 -3.76 -0.38	24.56 -2.78 -0.57	19.67 -2.04 -0.67	19.67 -2.15 -0.56	19.67 -2.15 -0.71	19.69 -1.98 -1.46	21.77 -2.43 -0.79	23.97 -2.94 -0.69	26.45 -3.38 -1.17	30.94 -4.57 -0.07	34.85 -5.11 -0.04	44.95 -7.01 -0.01	55.15 -7.99 -0.24	61.69 -7.78 0.00	49.12 -6.96 0.02	39.18 -5.04 0.02	32.52 -3.45 0.00
CH_RES_SYRACUSE 23985	14.46 0.01 -2.06	14.39 0.01 -1.76	12.53 0.00 -1.97	13.16 -0.01 -1.90	13.88 0.00 -1.89	22.02 0.00 -1.25	32.02 0.03 -0.93	35.43 0.03 -0.55	27.66 0.08 -0.81	22.08 0.04 -0.99	22.12 0.02 -0.84	22.18 0.02 -1.04	21.77 0.06 -1.50	24.64 0.07 -1.16	27.31 0.08 -1.02	30.43 0.09 -1.68	36.30 0.04 -0.82	40.62 -0.04 -0.74	54.56 -0.21 -2.82	66.39 -0.13 -3.62	72.31 -0.07 -2.91	57.34 -0.17 -1.42	44.47 -0.13 -0.36	35.76 -0.21 0.00
CLINTON_WT_PWR 323605	12.00 -0.38 0.00	12.18 -0.44 0.00	10.21 -0.35 0.00	10.91 -0.36 0.00	11.65 -0.35 0.00	20.17 -0.60 0.00	30.13 -0.93 0.00	33.80 -1.04 0.00	25.91 -0.86 0.00	20.35 -0.69 0.00	20.62 -0.64 0.00	20.46 -0.65 0.00	19.52 -0.69 0.00	22.66 -0.75 0.00	25.43 -0.79 0.00	27.78 -0.89 0.00	34.42 -1.03 0.00	38.96 -0.96 0.00	50.92 -1.04 0.00	61.45 -1.44 0.00	68.22 -1.25 0.00	55.14 -0.95 0.00	43.49 -0.75 0.00	35.36 -0.61 0.00
CLINTON___LFGE 323618	12.13 -0.26 0.00	12.29 -0.33 0.00	10.31 -0.24 0.00	11.01 -0.26 0.00	11.78 -0.22 0.00	20.42 -0.35 0.00	30.54 -0.53 0.00	34.22 -0.63 0.00	26.18 -0.59 0.00	20.54 -0.51 0.00	20.83 -0.42 0.00	20.67 -0.44 0.00	19.71 -0.50 0.00	22.85 -0.56 0.00	25.66 -0.55 0.00	28.06 -0.60 0.00	34.85 -0.60 0.00	39.52 -0.40 0.00	51.70 -0.26 0.00	62.39 -0.51 0.00	69.33 -0.14 0.00	55.98 -0.11 0.00	44.11 -0.13 0.00	35.83 -0.14 0.00
COBBLENY_34_KV_TB1 80064	12.97 -0.90 -1.49	13.06 -0.83 -1.27	11.28 -0.72 -1.44	11.89 -0.77 -1.38	12.48 -0.89 -1.38	20.12 -1.56 -0.90	29.24 -2.52 -0.69	32.45 -2.79 -0.39	25.43 -1.93 -0.59	20.22 -1.52 -0.69	20.20 -1.64 -0.58	20.20 -1.65 -0.72	20.27 -1.54 -1.59	22.42 -1.80 -0.81	24.83 -2.10 -0.71	27.65 -2.18 -1.17	32.65 -2.77 0.03	36.95 -2.91 0.05	47.84 -4.05 0.06	58.10 -5.03 -0.23	63.98 -5.49 0.00	51.81 -4.26 0.02	41.08 -3.14 0.02	33.56 -2.41 0.00
COFFEEN___115KV_TB3 355620	13.56 -0.16 -1.33	13.55 -0.20 -1.14	11.65 -0.18 -1.27	12.31 -0.18 -1.22	13.07 -0.14 -1.22	21.35 -0.23 -0.81	31.36 -0.31 -0.60	34.82 -0.38 -0.35	26.55 -0.75 -0.52	20.93 -0.76 -0.64	21.08 -0.72 -0.54	21.08 -0.72 -0.67	20.40 -0.73 -0.92	23.41 -0.75 -0.75	26.09 -0.79 -0.66	29.01 -0.75 -1.09	35.46 -0.82 -0.82	40.45 -0.20 -0.74	55.21 0.78 -2.47	66.87 0.94 -3.03	73.59 1.67 -2.45	58.86 1.57 -1.19	45.79 1.24 -0.31	36.40 0.43 0.00
COLDSPRG_115KV_BK1 355956	13.09 -0.78 -1.49	13.09 -0.79 -1.27	11.36 -0.63 -1.44	12.00 -0.65 -1.38	12.65 -0.72 -1.38	20.33 -1.35 -0.90	29.68 -2.08 -0.69	33.04 -2.20 -0.39	25.88 -1.47 -0.58	20.50 -1.24 -0.69	20.46 -1.38 -0.59	20.46 -1.39 -0.73	20.56 -1.29 -1.65	22.80 -1.43 -0.82	25.36 -1.57 -0.71	28.49 -1.35 -1.18	33.86 -1.52 0.06	38.61 -1.24 0.07	50.15 -1.71 0.09	60.55 -2.58 -0.23	65.93 -3.54 0.00	54.00 -2.08 0.02	42.58 -1.64 0.02	34.50 -1.47 0.00
COLONIE_LFGE___ 323577	37.81 0.58 -24.84	34.50 0.61 -21.28	34.83 0.50 -23.77	34.66 0.53 -22.86	35.35 0.55 -22.80	36.81 0.98 -15.05	43.86 1.58 -11.21	43.20 1.71 -6.65	37.93 1.31 -9.84	33.68 0.92 -11.71	32.10 0.89 -9.95	34.37 0.91 -12.34	37.81 0.85 -16.75	38.14 0.94 -13.80	39.29 1.02 -12.05	49.63 1.03 -19.94	51.99 1.45 -15.08	53.96 1.75 -12.29	65.62 2.39 -11.27	71.66 3.02 -5.74	72.53 3.05 0.00	58.62 2.53 0.00	46.14 1.90 0.00	37.77 1.80 0.00
COOPERNY_115KV_TB1 80082	31.92 0.68 -18.85	29.44 0.68 -16.14	29.15 0.56 -18.04	29.22 0.61 -17.34	29.94 0.65 -17.30	33.34 1.14 -11.42	41.51 1.89 -8.55	41.92 2.23 -4.84	35.68 1.74 -7.17	31.05 1.47 -8.54	30.06 1.55 -7.25	31.63 1.52 -8.99	33.82 1.50 -12.12	35.26 1.80 -10.05	37.01 2.02 -8.78	45.40 2.21 -14.53	49.74 2.77 -11.52	52.51 3.19 -9.39	64.22 3.74 -8.53	71.62 4.47 -4.26	74.06 4.59 0.00	59.68 3.59 0.00	46.99 2.74 0.00	38.02 2.05 0.00
COPENHAGEN_WT_PWR 323753	13.52 -0.24 -1.37	13.51 -0.28 -1.17	11.62 -0.24 -1.31	12.28 -0.25 -1.26	13.03 -0.22 -1.25	21.23 -0.37 -0.83	31.12 -0.56 -0.61	34.59 -0.63 -0.36	26.45 -0.86 -0.54	20.88 -0.82 -0.66	21.05 -0.76 -0.56	21.05 -0.76 -0.69	20.40 -0.75 -0.94	23.39 -0.80 -0.77	26.05 -0.84 -0.68	28.95 -0.83 -1.12	35.27 -1.03 -0.85	39.96 -0.72 -0.76	54.74 0.21 -2.58	66.37 0.32 -3.15	72.86 0.84 -2.55	58.23 0.89 -1.25	45.27 0.71 -0.32	36.05 0.07 0.00
CORNELL_____ 23752	16.72 0.24 -4.10	16.35 0.23 -3.51	14.66 0.18 -3.93	15.23 0.18 -3.78	15.98 0.22 -3.77	23.65 0.39 -2.48	33.65 0.71 -1.87	36.67 0.73 -1.08	28.92 0.54 -1.61	23.27 0.29 -1.93	23.13 0.23 -1.64	23.34 0.19 -2.03	23.47 0.22 -3.04	25.94 0.26 -2.27	28.51 0.31 -1.98	32.40 0.46 -3.28	37.52 0.60 -1.47	42.06 0.92 -1.22	55.22 1.14 -2.13	66.72 1.51 -2.31	72.63 1.74 -1.42	58.18 1.40 -0.68	45.43 1.02 -0.17	36.62 0.65 0.00

CORONA__69_KV_TB1 355595	49.24 1.20 -35.65	42.39 1.21 -28.56	44.77 0.98 -33.23	31.99 0.98 -19.73	32.73 1.06 -19.68	35.77 1.99 -13.00	43.89 3.08 -9.75	44.21 3.59 -5.77	38.12 2.84 -8.51	33.45 2.27 -10.13	32.27 2.40 -8.61	34.16 2.37 -10.68	37.09 2.38 -14.49	38.13 2.79 -11.94	39.79 3.15 -10.43	49.24 3.33 -17.25	52.76 3.79 -13.51	55.07 4.15 -10.99	66.41 5.20 -9.26	73.76 6.23 -4.64	74.75 6.32 1.04	61.20 5.10 0.00	48.82 4.56 -0.02	39.55 3.56 -0.02
CORTLAND__115KV_TB3 80093	16.70 0.20 -4.11	16.33 0.19 -3.52	14.65 0.16 -3.93	15.21 0.16 -3.78	15.95 0.18 -3.77	23.60 0.33 -2.49	33.49 0.56 -1.87	36.57 0.63 -1.09	28.85 0.46 -1.62	23.28 0.29 -1.94	23.18 0.28 -1.65	23.42 0.25 -2.05	23.25 0.26 -2.78	26.03 0.33 -2.29	28.58 0.37 -2.00	32.43 0.46 -3.31	37.81 0.57 -1.79	42.18 0.76 -1.50	55.44 0.94 -2.55	66.66 1.20 -2.57	72.42 1.32 -1.63	57.95 1.07 -0.79	45.24 0.80 -0.20	36.48 0.50 0.00
COXSACKIE__GT 23611	36.90 0.58 -23.93	33.69 0.58 -20.49	33.94 0.49 -22.90	33.79 0.50 -22.02	34.47 0.52 -21.96	36.23 0.96 -14.50	43.33 1.46 -10.81	42.83 1.57 -6.41	37.20 0.94 -9.49	32.93 0.59 -11.29	31.38 0.53 -9.59	33.50 0.49 -11.89	36.80 0.44 -16.14	37.25 0.54 -13.30	38.46 0.63 -11.62	48.74 0.86 -19.22	52.05 1.70 -14.89	54.13 2.07 -12.13	66.26 3.17 -11.13	72.67 4.15 -5.62	74.54 5.07 0.00	60.13 4.04 0.00	47.16 2.92 0.00	38.28 2.30 0.00
CPV__VALLEY__CC1 323721	33.20 0.72 -20.09	30.56 0.73 -17.21	30.37 0.59 -19.23	30.39 0.63 -18.49	31.10 0.67 -18.44	34.16 1.20 -12.18	42.02 1.90 -9.06	42.46 2.23 -5.38	36.50 1.77 -7.96	32.01 1.49 -9.47	30.87 1.57 -8.05	32.64 1.54 -9.98	35.21 1.54 -13.46	36.41 1.85 -11.16	38.03 2.07 -9.74	47.08 2.29 -16.12	50.97 2.91 -12.61	53.51 3.31 -10.28	65.50 4.10 -9.44	72.60 4.97 -4.73	74.48 5.00 0.00	60.02 3.93 0.00	47.25 3.01 0.00	38.17 2.19 0.00
CPV__VALLEY__CC2 323722	33.20 0.72 -20.09	30.56 0.73 -17.21	30.37 0.59 -19.23	30.39 0.63 -18.49	31.10 0.67 -18.44	34.16 1.20 -12.18	42.02 1.90 -9.06	42.46 2.23 -5.38	36.50 1.77 -7.96	32.01 1.49 -9.47	30.87 1.57 -8.05	32.64 1.54 -9.98	35.21 1.54 -13.46	36.41 1.85 -11.16	38.03 2.07 -9.74	47.08 2.29 -16.12	50.97 2.91 -12.61	53.51 3.31 -10.28	65.50 4.10 -9.44	72.60 4.97 -4.73	74.48 5.00 0.00	60.02 3.93 0.00	47.25 3.01 0.00	38.17 2.19 0.00
CRESCENT__HYD 24018	37.81 0.58 -24.84	34.50 0.61 -21.28	34.83 0.50 -23.77	34.66 0.53 -22.86	35.35 0.55 -22.80	36.81 0.98 -15.05	43.86 1.58 -11.21	43.20 1.71 -6.65	37.93 1.31 -9.84	33.68 0.92 -11.71	32.10 0.89 -9.95	34.37 0.91 -12.34	37.81 0.85 -16.75	38.14 0.94 -13.80	39.29 1.02 -12.05	49.63 1.03 -19.94	51.99 1.45 -15.08	53.96 1.75 -12.29	65.62 2.39 -11.27	71.66 3.02 -5.74	72.53 3.05 0.00	58.62 2.53 0.00	46.14 1.90 0.00	37.77 1.80 0.00
CRICKET__VALLEY_CC1 323756	35.25 0.83 -22.03	32.32 0.83 -18.87	32.32 0.68 -21.08	32.28 0.73 -20.27	32.98 0.77 -20.22	35.52 1.39 -13.35	43.08 2.05 -9.97	43.16 2.40 -5.91	37.45 1.93 -8.75	33.10 1.64 -10.41	31.85 1.74 -8.85	33.78 1.69 -10.97	36.76 1.66 -14.89	37.64 1.97 -12.27	39.13 2.20 -10.71	48.85 2.47 -17.72	52.41 3.12 -13.84	54.71 3.51 -11.28	66.65 4.36 -10.34	73.32 5.22 -5.20	74.69 5.21 0.00	60.24 4.15 0.00	47.47 3.23 0.00	38.38 2.41 0.00
CRICKET__VALLEY_CC2 323757	35.25 0.83 -22.03	32.32 0.83 -18.87	32.32 0.68 -21.08	32.28 0.73 -20.27	32.98 0.77 -20.22	35.52 1.39 -13.35	43.08 2.05 -9.97	43.16 2.40 -5.91	37.45 1.93 -8.75	33.10 1.64 -10.41	31.85 1.74 -8.85	33.78 1.69 -10.97	36.76 1.66 -14.89	37.64 1.97 -12.27	39.13 2.20 -10.71	48.85 2.47 -17.72	52.41 3.12 -13.84	54.71 3.51 -11.28	66.65 4.36 -10.34	73.32 5.22 -5.20	74.69 5.21 0.00	60.24 4.15 0.00	47.47 3.23 0.00	38.38 2.41 0.00
CRICKET__VALLEY_CC3 323758	35.25 0.83 -22.03	32.32 0.83 -18.87	32.32 0.68 -21.08	32.28 0.73 -20.27	32.98 0.77 -20.22	35.52 1.39 -13.35	43.08 2.05 -9.97	43.16 2.40 -5.91	37.45 1.93 -8.75	33.10 1.64 -10.41	31.85 1.74 -8.85	33.78 1.69 -10.97	36.76 1.66 -14.89	37.64 1.97 -12.27	39.13 2.20 -10.71	48.85 2.47 -17.72	52.41 3.12 -13.84	54.71 3.51 -11.28	66.65 4.36 -10.34	73.32 5.22 -5.20	74.69 5.21 0.00	60.24 4.15 0.00	47.47 3.23 0.00	38.38 2.41 0.00
CRUCIBLE__METL_DRP 24180	14.46 0.01 -2.06	14.39 0.01 -1.76	12.53 0.00 -1.97	13.16 -0.01 -1.90	13.88 0.00 -1.89	22.02 0.00 -1.25	32.03 0.03 -0.94	35.43 0.03 -0.55	27.66 0.08 -0.81	22.07 0.04 -0.99	22.11 0.02 -0.84	22.18 0.02 -1.04	21.77 0.06 -1.50	24.64 0.07 -1.16	27.31 0.08 -1.01	30.46 0.11 -1.68	36.27 0.00 -0.81	40.62 -0.04 -0.74	54.55 -0.21 -2.80	66.38 -0.13 -3.61	72.31 -0.07 -2.91	57.34 -0.17 -1.42	44.47 -0.13 -0.36	35.79 -0.18 0.00
DAHOWA__HYDRO 323763	38.24 0.74 -25.11	34.91 0.78 -21.51	35.22 0.63 -24.03	35.04 0.66 -23.11	35.75 0.71 -23.05	37.24 1.25 -15.22	44.54 2.17 -11.30	43.85 2.30 -6.70	38.30 1.61 -9.92	33.89 1.03 -11.82	32.25 0.96 -10.04	34.52 0.95 -12.45	38.00 0.89 -16.90	38.33 1.01 -13.92	39.53 1.15 -12.16	49.67 0.89 -20.12	52.05 1.38 -15.22	54.11 1.80 -12.39	65.94 2.60 -11.39	72.21 3.52 -5.80	73.15 3.68 0.00	59.17 3.08 0.00	46.50 2.26 0.00	38.35 2.37 0.00
DANC__LFGE 323619	13.75 -0.20 -1.56	13.74 -0.21 -1.34	11.86 -0.19 -1.50	12.51 -0.20 -1.44	13.24 -0.19 -1.44	21.39 -0.33 -0.95	31.27 -0.50 -0.70	34.67 -0.59 -0.42	26.72 -0.67 -0.62	21.19 -0.61 -0.75	21.34 -0.55 -0.64	21.36 -0.55 -0.79	20.74 -0.54 -1.08	23.71 -0.58 -0.89	26.36 -0.63 -0.78	29.29 -0.66 -1.29	35.21 -0.85 -0.61	39.78 -0.72 -0.58	54.52 -0.26 -2.82	66.39 -0.25 -3.74	72.74 0.14 -3.13	57.84 0.23 -1.53	44.81 0.18 -0.39	35.79 -0.18 0.00
DANSKAMMER__1 23586	35.24 0.97 -21.89	32.33 0.97 -18.74	32.29 0.79 -20.94	32.25 0.85 -20.14	32.96 0.89 -20.08	35.66 1.62 -13.26	43.39 2.45 -9.87	43.59 2.89 -5.86	37.66 2.22 -8.67	33.17 1.81 -10.31	31.93 1.91 -8.76	33.84 1.86 -10.86	36.80 1.84 -14.75	37.78 2.23 -12.15	39.34 2.52 -10.61	49.11 2.89 -17.55	52.90 3.72 -13.72	55.45 4.35 -11.18	67.79 5.56 -10.27	74.86 6.79 -5.17	76.42 6.95 0.00	61.53 5.44 0.00	48.40 4.16 0.00	39.00 3.02 0.00
DANSKAMMER__2 23589	35.24 0.97 -21.89	32.33 0.97 -18.74	32.29 0.79 -20.94	32.25 0.85 -20.14	32.96 0.89 -20.08	35.66 1.62 -13.26	43.39 2.45 -9.87	43.59 2.89 -5.86	37.66 2.22 -8.67	33.17 1.81 -10.31	31.93 1.91 -8.76	33.84 1.86 -10.86	36.80 1.84 -14.75	37.78 2.23 -12.15	39.34 2.52 -10.61	49.11 2.89 -17.55	52.90 3.72 -13.72	55.45 4.35 -11.18	67.79 5.56 -10.27	74.86 6.79 -5.17	76.42 6.95 0.00	61.53 5.44 0.00	48.40 4.16 0.00	39.00 3.02 0.00
DANSKAMMER__3 23590	35.24 0.97 -21.89	32.33 0.97 -18.74	32.29 0.79 -20.94	32.25 0.85 -20.14	32.96 0.89 -20.08	35.66 1.62 -13.26	43.39 2.45 -9.87	43.59 2.89 -5.86	37.66 2.22 -8.67	33.17 1.81 -10.31	31.93 1.91 -8.76	33.84 1.86 -10.86	36.80 1.84 -14.75	37.78 2.23 -12.15	39.34 2.52 -10.61	49.11 2.89 -17.55	52.90 3.72 -13.72	55.45 4.35 -11.18	67.79 5.56 -10.27	74.86 6.79 -5.17	76.42 6.95 0.00	61.53 5.44 0.00	48.40 4.16 0.00	39.00 3.02 0.00

DANSKAMMER___4 23591	35.24 0.97 -21.89	32.33 0.97 -18.74	32.29 0.79 -20.94	32.25 0.85 -20.14	32.96 0.89 -20.08	35.66 1.62 -13.26	43.39 2.45 -9.87	43.59 2.89 -5.86	37.66 2.22 -8.67	33.17 1.81 -10.31	31.93 1.91 -8.76	33.84 1.86 -10.86	36.80 1.84 -14.75	37.78 2.23 -12.15	39.34 2.52 -10.61	49.11 2.89 -17.55	52.90 3.72 -13.72	55.45 4.35 -11.18	67.79 5.56 -10.27	74.86 6.79 -5.17	76.42 6.95 0.00	61.53 5.44 0.00	48.40 4.16 0.00	39.00 3.02 0.00
DANSKAMMER___DIESEL 23592	35.24 0.97 -21.89	32.33 0.97 -18.74	32.29 0.79 -20.94	32.25 0.85 -20.14	32.96 0.89 -20.08	35.66 1.62 -13.26	43.45 2.45 -9.93	43.60 2.89 -5.86	37.66 2.22 -8.67	33.17 1.81 -10.31	31.93 1.91 -8.76	33.84 1.86 -10.86	36.80 1.84 -14.75	37.78 2.22 -12.15	39.34 2.52 -10.61	49.06 2.84 -17.56	52.76 3.58 -13.73	55.33 4.23 -11.18	67.57 5.40 -10.21	74.64 6.60 -5.14	76.28 6.81 0.00	61.42 5.33 0.00	48.27 4.03 0.00	38.96 2.99 0.00
DARBY___SOLAR 323810	38.17 0.71 -25.08	34.84 0.74 -21.47	35.16 0.61 -23.99	34.97 0.63 -23.07	35.69 0.68 -23.01	37.15 1.18 -15.19	44.40 2.05 -11.28	43.74 2.20 -6.69	38.23 1.55 -9.91	33.83 0.99 -11.80	32.19 0.91 -10.02	34.46 0.91 -12.43	37.95 0.87 -16.87	38.29 0.98 -13.90	39.46 1.10 -12.14	49.64 0.89 -20.09	52.03 1.38 -15.19	54.05 1.75 -12.38	65.92 2.60 -11.37	72.14 3.46 -5.79	73.01 3.54 0.00	59.06 2.97 0.00	46.41 2.17 0.00	38.24 2.27 0.00
DASHVILLE___HYD 23610	35.27 0.71 -22.18	32.31 0.69 -18.99	32.36 0.58 -21.22	32.30 0.62 -20.41	32.99 0.65 -20.35	35.40 1.18 -13.44	42.96 1.83 -10.07	42.92 2.16 -5.91	37.18 1.66 -8.75	32.81 1.35 -10.42	31.55 1.45 -8.85	33.48 1.39 -10.97	36.50 1.39 -14.89	37.36 1.69 -12.27	38.82 1.89 -10.71	48.55 2.15 -17.73	52.03 2.73 -13.85	54.44 3.23 -11.29	66.36 4.10 -10.30	73.05 4.97 -5.19	75.24 5.77 0.00	60.69 4.60 0.00	47.74 3.50 0.00	38.60 2.63 0.00
DELAWARE___LFGE 323621	23.35 0.51 -10.46	22.09 0.52 -8.96	21.00 0.44 -10.00	21.36 0.47 -9.62	22.09 0.50 -9.59	27.96 0.85 -6.34	38.01 2.21 -4.74	38.89 2.51 -1.54	30.65 1.61 -2.27	24.88 1.12 -2.72	24.53 0.96 -2.31	25.00 1.01 -2.87	24.85 0.97 -3.67	27.95 1.33 -3.21	30.51 1.49 -2.80	35.11 1.81 -4.64	42.80 2.45 -4.90	47.31 3.35 -4.04	58.47 2.65 -3.87	68.32 3.08 -2.35	73.50 3.27 -0.76	59.16 2.69 -0.38	46.47 2.12 -0.10	37.52 1.55 0.00
DERFIELD_115KV_TB7 355931	12.46 0.07 0.00	12.69 0.08 0.00	10.62 0.06 0.00	11.34 0.07 0.00	12.05 0.06 0.00	20.88 0.10 0.00	31.22 0.16 0.00	35.06 0.21 0.00	26.91 0.13 0.00	21.15 0.11 0.00	21.36 0.11 0.00	21.23 0.11 0.00	20.31 0.10 0.00	23.53 0.12 0.00	26.35 0.13 0.00	28.81 0.14 0.00	35.63 0.18 0.00	40.16 0.24 0.00	52.27 0.31 0.00	63.27 0.38 0.00	69.89 0.42 0.00	56.43 0.34 0.00	44.51 0.27 0.00	36.15 0.18 0.00
DOGLEVILLE___HYD 23807	12.13 -0.26 0.00	12.34 -0.28 0.00	10.32 -0.23 0.00	11.03 -0.24 0.00	11.77 -0.23 0.00	20.44 -0.33 0.00	30.60 -0.47 0.00	34.29 -0.56 0.00	26.21 -0.56 0.00	20.58 -0.46 0.00	20.70 -0.55 0.00	20.51 -0.61 0.00	19.40 -0.81 0.00	22.45 -0.96 0.00	25.19 -1.02 0.00	27.57 -1.09 0.00	34.21 -1.24 0.00	38.68 -1.24 0.00	50.66 -1.30 0.00	61.39 -1.51 0.00	68.01 -1.46 0.00	55.14 -0.95 0.00	43.75 -0.49 0.00	35.54 -0.43 0.00
DUNKIRK___115KV_TB_200 55889	12.96 -0.92 -1.49	13.04 -0.85 -1.27	11.27 -0.73 -1.44	11.89 -0.77 -1.38	12.46 -0.91 -1.38	20.12 -1.56 -0.90	29.34 -2.42 -0.69	32.56 -2.68 -0.39	25.43 -1.93 -0.59	20.19 -1.54 -0.68	20.18 -1.66 -0.58	20.17 -1.67 -0.72	20.26 -1.54 -1.59	22.44 -1.78 -0.81	24.90 -2.02 -0.70	27.82 -2.01 -1.16	32.90 -2.52 0.03	37.43 -2.44 0.05	48.57 -3.33 0.06	59.23 -3.90 -0.23	65.30 -4.17 0.00	52.76 -3.31 0.02	41.83 -2.39 0.02	34.25 -1.73 0.00
DUNKIRK___1 23563	12.96 -0.92 -1.49	13.04 -0.85 -1.27	11.27 -0.73 -1.44	11.89 -0.77 -1.38	12.46 -0.91 -1.38	20.12 -1.56 -0.90	29.34 -2.42 -0.69	32.56 -2.68 -0.39	25.43 -1.93 -0.59	20.19 -1.54 -0.68	20.18 -1.66 -0.58	20.17 -1.67 -0.72	20.26 -1.54 -1.59	22.44 -1.78 -0.81	24.90 -2.02 -0.70	27.82 -2.01 -1.16	32.90 -2.52 0.03	37.43 -2.44 0.05	48.57 -3.33 0.06	59.23 -3.90 -0.23	65.30 -4.17 0.00	52.76 -3.31 0.02	41.83 -2.39 0.02	34.25 -1.73 0.00
DUNKIRK___2 23564	12.96 -0.92 -1.49	13.04 -0.85 -1.27	11.27 -0.73 -1.44	11.89 -0.77 -1.38	12.46 -0.91 -1.38	20.12 -1.56 -0.90	29.34 -2.42 -0.69	32.56 -2.68 -0.39	25.43 -1.93 -0.59	20.19 -1.54 -0.68	20.18 -1.66 -0.58	20.17 -1.67 -0.72	20.26 -1.54 -1.59	22.44 -1.78 -0.81	24.90 -2.02 -0.70	27.82 -2.01 -1.16	32.90 -2.52 0.03	37.43 -2.44 0.05	48.57 -3.33 0.06	59.23 -3.90 -0.23	65.30 -4.17 0.00	52.76 -3.31 0.02	41.83 -2.39 0.02	34.25 -1.73 0.00
DUNKIRK___3 23565	12.97 -0.90 -1.49	13.06 -0.83 -1.27	11.28 -0.72 -1.44	11.89 -0.77 -1.38	12.48 -0.89 -1.38	20.12 -1.56 -0.90	29.34 -2.42 -0.69	32.52 -2.72 -0.39	25.43 -1.93 -0.59	20.19 -1.54 -0.68	20.20 -1.64 -0.58	20.17 -1.67 -0.72	20.26 -1.54 -1.59	22.44 -1.78 -0.81	24.87 -2.04 -0.70	27.76 -2.06 -1.16	32.83 -2.59 0.03	37.27 -2.59 0.05	48.31 -3.58 0.06	58.85 -4.28 -0.23	64.82 -4.65 0.00	52.37 -3.70 0.02	41.52 -2.70 0.02	33.96 -2.01 0.00
DUNKIRK___4 23566	12.97 -0.90 -1.49	13.06 -0.83 -1.27	11.28 -0.72 -1.44	11.89 -0.77 -1.38	12.48 -0.89 -1.38	20.12 -1.56 -0.90	29.34 -2.42 -0.69	32.52 -2.72 -0.39	25.43 -1.93 -0.59	20.19 -1.54 -0.68	20.20 -1.64 -0.58	20.17 -1.67 -0.72	20.26 -1.54 -1.59	22.44 -1.78 -0.81	24.87 -2.04 -0.70	27.76 -2.06 -1.16	32.83 -2.59 0.03	37.27 -2.59 0.05	48.31 -3.58 0.06	58.85 -4.28 -0.23	64.82 -4.65 0.00	52.37 -3.70 0.02	41.52 -2.70 0.02	33.96 -2.01 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	34.82 0.99 -21.45	31.98 1.00 -18.37	31.88 0.80 -20.52	31.87 0.87 -19.73	32.60 0.92 -19.68	35.43 1.66 -12.99	43.35 2.55 -9.73	43.66 3.07 -5.75	37.75 2.46 -8.51	33.26 2.08 -10.13	32.07 2.21 -8.61	33.95 2.15 -10.67	36.82 2.12 -14.49	37.90 2.55 -11.93	39.50 2.86 -10.42	49.04 3.12 -17.25	52.82 3.86 -13.51	55.28 4.35 -11.01	67.46 5.46 -10.05	74.43 6.48 -5.05	76.07 6.60 0.00	61.31 5.22 0.00	48.27 4.03 0.00	38.96 2.99 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	35.20 0.97 -21.84	32.28 0.96 -18.71	32.25 0.79 -20.90	32.22 0.85 -20.10	32.93 0.89 -20.05	35.61 1.60 -13.24	43.43 2.45 -9.91	43.58 2.89 -5.83	37.60 2.20 -8.64	33.11 1.79 -10.28	31.86 1.87 -8.73	33.78 1.84 -10.83	36.72 1.82 -14.69	37.69 2.18 -12.10	39.25 2.46 -10.57	48.97 2.81 -17.50	52.68 3.55 -13.68	55.30 4.23 -11.15	67.53 5.40 -10.18	74.62 6.60 -5.12	76.35 6.88 0.00	61.48 5.38 0.00	48.27 4.03 0.00	38.96 2.99 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	34.96 1.13 -21.45	32.14 1.15 -18.37	32.02 0.93 -20.53	32.02 1.00 -19.74	32.74 1.07 -19.68	35.58 1.81 -13.00	43.35 2.55 -9.73	43.70 3.10 -5.75	37.85 2.57 -8.51	33.38 2.21 -10.13	32.17 2.30 -8.61	34.06 2.26 -10.68	36.90 2.20 -14.49	37.99 2.65 -11.94	39.58 2.94 -10.43	49.19 3.27 -17.25	53.04 4.08 -13.51	55.52 4.59 -11.01	67.72 5.71 -10.05	74.62 6.67 -5.05	76.21 6.74 0.00	61.64 5.55 0.00	48.53 4.29 0.00	39.25 3.27 0.00

E179THST_13_KV_LOAD 356214	35.01 1.18 -21.45	32.19 1.20 -18.37	32.06 0.97 -20.53	32.05 1.04 -19.74	32.78 1.10 -19.68	35.66 1.89 -13.00	43.47 2.67 -9.73	43.87 3.28 -5.75	37.99 2.70 -8.51	33.49 2.32 -10.13	32.27 2.40 -8.61	34.14 2.34 -10.68	37.00 2.30 -14.49	38.11 2.76 -11.94	39.71 3.07 -10.43	49.33 3.41 -17.25	53.22 4.25 -13.51	55.71 4.79 -11.01	67.98 5.97 -10.05	74.99 7.04 -5.05	76.56 7.09 0.00	61.93 5.83 0.00	48.75 4.51 0.00	39.39 3.42 0.00
EAST HAMPTON___GT 23717	48.91 0.87 -35.65	42.05 0.87 -28.56	44.48 0.70 -33.23	31.70 0.70 -19.73	32.48 0.80 -19.68	35.43 1.66 -13.00	43.34 2.58 -9.70	44.23 3.62 -5.76	37.94 2.65 -8.51	33.16 1.98 -10.14	32.06 2.19 -8.61	33.87 2.07 -10.68	36.88 2.18 -14.49	37.99 2.64 -11.94	39.71 3.07 -10.43	49.01 3.10 -17.25	52.44 3.48 -13.51	54.34 3.43 -10.99	59.98 4.16 -3.86	70.03 5.28 -1.85	66.30 5.00 8.18	60.63 4.54 0.00	48.46 4.21 -0.01	38.89 2.91 -0.01
EAST RIVER___6 23660	34.93 1.10 -21.45	32.09 1.11 -18.37	31.97 0.90 -20.52	31.97 0.97 -19.73	32.69 1.02 -19.68	35.60 1.83 -13.00	43.58 2.83 -9.69	44.02 3.42 -5.75	38.10 2.81 -8.51	33.58 2.40 -10.14	32.40 2.53 -8.61	34.29 2.49 -10.68	37.15 2.44 -14.49	38.30 2.95 -11.94	39.92 3.28 -10.43	49.61 3.70 -17.25	53.61 4.64 -13.52	56.12 5.19 -11.01	68.49 6.44 -10.09	75.58 7.61 -5.07	77.25 7.78 0.00	62.21 6.11 0.00	48.89 4.64 0.00	39.32 3.35 0.00
EAST RIVER___7 23524	34.93 1.10 -21.45	32.09 1.11 -18.37	31.97 0.90 -20.52	31.97 0.97 -19.73	32.69 1.02 -19.68	35.60 1.83 -13.00	43.58 2.83 -9.69	44.02 3.42 -5.75	38.10 2.81 -8.51	33.58 2.40 -10.14	32.40 2.53 -8.61	34.29 2.49 -10.68	37.15 2.44 -14.49	38.30 2.95 -11.94	39.92 3.28 -10.43	49.61 3.70 -17.25	53.61 4.64 -13.52	56.12 5.19 -11.01	68.49 6.44 -10.09	75.58 7.61 -5.07	77.25 7.78 0.00	62.21 6.11 0.00	48.89 4.64 0.00	39.32 3.35 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	34.78 0.97 -21.43	31.94 0.97 -18.35	31.84 0.78 -20.50	31.83 0.85 -19.72	32.56 0.90 -19.66	35.38 1.62 -12.98	43.28 2.49 -9.73	43.56 2.96 -5.74	37.66 2.38 -8.50	33.17 2.00 -10.12	31.98 2.13 -8.60	33.87 2.09 -10.66	36.74 2.06 -14.47	37.81 2.48 -11.92	39.38 2.75 -10.41	48.93 3.04 -17.23	52.70 3.76 -13.49	55.15 4.23 -11.00	67.30 5.30 -10.04	74.24 6.29 -5.05	75.93 6.46 0.00	61.14 5.05 0.00	48.13 3.89 0.00	38.89 2.91 0.00
EAST_HAMPTON___DIESEL 23722	48.88 0.84 -35.65	42.02 0.85 -28.56	44.46 0.68 -33.23	31.68 0.68 -19.73	32.46 0.78 -19.68	35.39 1.62 -13.00	43.28 2.52 -9.70	44.20 3.59 -5.76	37.91 2.63 -8.51	33.12 1.93 -10.14	32.04 2.17 -8.61	33.84 2.05 -10.68	36.84 2.14 -14.49	37.97 2.62 -11.94	39.68 3.04 -10.43	48.95 3.04 -17.25	52.40 3.44 -13.51	54.26 3.35 -10.99	59.87 4.06 -3.86	69.90 5.16 -1.85	66.15 4.86 8.18	60.52 4.43 0.00	48.37 4.12 -0.01	38.82 2.84 -0.01
EAST_POINT___SOLAR 323840	40.47 0.90 -27.18	36.83 0.93 -23.28	37.34 0.77 -26.01	37.10 0.81 -25.01	37.82 0.88 -24.95	38.81 1.56 -16.47	45.58 2.42 -12.10	44.19 2.16 -7.18	38.14 0.75 -10.62	33.81 0.13 -12.64	31.76 -0.23 -10.74	34.15 -0.28 -13.31	38.07 -0.12 -17.98	38.32 0.02 -14.88	39.35 0.13 -13.00	50.80 0.63 -21.51	53.36 1.27 -16.63	55.91 2.44 -13.55	68.63 4.00 -12.68	74.95 5.66 -6.40	75.73 6.26 0.00	60.92 4.82 0.00	47.87 3.63 0.00	38.78 2.81 0.00
EAST_PULASKI___ESR 323781	13.99 -0.14 -1.74	13.96 -0.15 -1.49	12.08 -0.14 -1.66	12.72 -0.15 -1.60	13.45 -0.14 -1.60	21.56 -0.27 -1.05	31.44 -0.40 -0.78	34.86 -0.45 -0.46	27.06 -0.40 -0.68	21.51 -0.38 -0.84	21.63 -0.34 -0.72	21.67 -0.34 -0.89	21.09 -0.32 -1.20	24.05 -0.35 -0.99	26.69 -0.39 -0.87	29.67 -0.43 -1.44	35.49 -0.64 -0.67	39.91 -0.68 -0.67	55.14 -0.62 -3.81	67.41 -0.63 -5.14	73.42 -0.41 -4.36	57.88 -0.33 -2.13	44.53 -0.26 -0.55	35.54 -0.43 0.00
EAST_RIVER___1 323558	34.88 1.05 -21.45	32.04 1.06 -18.37	31.93 0.85 -20.52	31.93 0.92 -19.73	32.65 0.97 -19.68	35.52 1.75 -13.00	43.43 2.67 -9.69	43.84 3.24 -5.75	37.94 2.65 -8.51	33.43 2.25 -10.14	32.25 2.38 -8.61	34.14 2.34 -10.68	37.00 2.30 -14.49	38.11 2.76 -11.94	39.71 3.07 -10.43	49.38 3.47 -17.25	53.33 4.36 -13.52	55.84 4.91 -11.01	68.12 6.08 -10.09	75.14 7.17 -5.07	76.83 7.36 0.00	61.87 5.78 0.00	48.67 4.42 0.00	39.17 3.20 0.00
EAST_RIVER___2 323559	34.93 1.10 -21.45	32.09 1.11 -18.37	31.97 0.90 -20.52	31.97 0.97 -19.73	32.69 1.02 -19.68	35.60 1.83 -13.00	43.58 2.83 -9.69	44.02 3.42 -5.75	38.10 2.81 -8.51	33.58 2.40 -10.14	32.40 2.53 -8.61	34.29 2.49 -10.68	37.15 2.44 -14.49	38.30 2.95 -11.94	39.92 3.28 -10.43	49.61 3.70 -17.25	53.61 4.64 -13.52	56.12 5.19 -11.01	68.49 6.44 -10.09	75.58 7.61 -5.07	77.25 7.78 0.00	62.21 6.11 0.00	48.89 4.64 0.00	39.32 3.35 0.00
EAST___DELAWARE_HYD 23607	34.29 0.94 -20.97	31.51 0.93 -17.96	31.39 0.77 -20.06	31.38 0.82 -19.29	32.10 0.86 -19.24	35.06 1.58 -12.70	42.73 2.45 -9.21	43.20 2.89 -5.46	37.03 2.17 -8.09	32.39 1.73 -9.62	31.24 1.81 -8.17	33.03 1.77 -10.14	35.62 1.74 -13.67	36.87 2.13 -11.33	38.50 2.39 -9.90	47.82 2.78 -16.38	51.88 3.62 -12.81	54.67 4.31 -10.44	67.22 5.45 -9.81	74.49 6.66 -4.93	76.42 6.95 0.00	61.53 5.44 0.00	48.36 4.12 0.00	38.92 2.95 0.00
EIGHT_POINT___WT_PWR 323820	12.69 -1.21 -1.52	12.69 -1.22 -1.30	11.01 -1.02 -1.47	11.58 -1.10 -1.42	12.21 -1.20 -1.41	19.66 -2.04 -0.92	28.73 -3.01 -0.68	31.16 -4.08 -0.39	24.30 -3.05 -0.58	19.18 -2.57 -0.70	19.11 -2.74 -0.59	19.01 -2.85 -0.74	23.92 -2.69 -6.40	21.18 -3.07 -0.83	23.66 -3.28 -0.72	27.11 -2.78 -1.22	31.79 -2.98 0.69	36.79 -2.56 0.58	48.14 -3.27 0.54	59.53 -3.52 -0.15	65.93 -3.54 0.00	53.48 -2.58 0.03	42.22 -1.99 0.03	34.21 -1.76 0.00
ELBRIDGE_115KV_TB2 80188	14.44 -0.06 -2.12	14.37 -0.06 -1.81	12.52 -0.06 -2.03	13.15 -0.07 -1.95	13.86 -0.08 -1.95	21.93 -0.12 -1.28	31.87 -0.16 -0.96	35.24 -0.17 -0.56	27.50 -0.11 -0.84	21.95 -0.11 -1.01	21.99 -0.13 -0.86	22.06 -0.13 -1.07	21.69 -0.08 -1.56	24.49 -0.12 -1.19	27.13 -0.13 -1.04	30.27 -0.11 -1.72	35.98 -0.28 -0.82	40.30 -0.36 -0.74	54.23 -0.57 -2.85	66.02 -0.57 -3.69	71.96 -0.49 -2.97	56.98 -0.56 -1.45	44.17 -0.44 -0.37	35.58 -0.40 0.00
ELEC_TRO_TEK 24086	49.19 1.15 -35.65	42.35 1.17 -28.56	44.73 0.94 -33.23	31.94 0.94 -19.73	32.70 1.02 -19.68	35.70 1.93 -13.00	43.80 2.98 -9.75	44.10 3.48 -5.77	38.04 2.76 -8.51	33.36 2.19 -10.13	32.21 2.34 -8.61	34.08 2.28 -10.68	37.00 2.30 -14.49	38.04 2.69 -11.94	39.68 3.04 -10.43	49.10 3.18 -17.25	52.58 3.62 -13.51	54.82 3.91 -10.99	65.40 4.83 -8.61	72.99 5.79 -4.31	73.49 5.91 1.89	60.80 4.71 0.00	48.59 4.34 -0.02	39.37 3.38 -0.02
ELLENBURG_WT_PWR 323604	12.00 -0.38 0.00	12.18 -0.44 0.00	10.21 -0.35 0.00	10.91 -0.36 0.00	11.65 -0.35 0.00	20.17 -0.60 0.00	30.13 -0.93 0.00	33.80 -1.04 0.00	25.91 -0.86 0.00	20.35 -0.69 0.00	20.62 -0.64 0.00	20.46 -0.65 0.00	19.52 -0.69 0.00	22.66 -0.75 0.00	25.43 -0.79 0.00	27.78 -0.89 0.00	34.42 -1.03 0.00	38.96 -0.96 0.00	50.92 -1.04 0.00	61.45 -1.44 0.00	68.22 -1.25 0.00	55.14 -0.95 0.00	43.49 -0.75 0.00	35.36 -0.61 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	12.89 -0.99 -1.49	13.01 -0.88 -1.27	11.22 -0.78 -1.44	11.82 -0.83 -1.38	12.38 -1.00 -1.38	19.98 -1.70 -0.91	29.06 -2.70 -0.69	32.21 -3.03 -0.39	25.19 -2.17 -0.59	20.06 -1.66 -0.68	20.05 -1.79 -0.58	20.04 -1.80 -0.72	20.09 -1.66 -1.54	22.22 -1.99 -0.80	24.61 -2.31 -0.70	27.32 -2.49 -1.15	32.19 -3.26 -0.01	36.38 -3.51 0.02	47.04 -4.88 0.03	57.41 -5.72 -0.24	63.57 -5.91 0.00	51.14 -4.94 0.02	40.64 -3.58 0.02	33.42 -2.55 0.00
EMPIRE_CC_1 323656	36.82 0.56 -23.88	33.63 0.57 -20.45	33.88 0.48 -22.85	33.75 0.51 -21.97	34.43 0.53 -21.91	36.18 0.94 -14.47	43.27 1.40 -10.80	42.79 1.53 -6.41	37.47 1.21 -9.49	33.26 0.92 -11.29	31.74 0.89 -9.59	33.92 0.91 -11.89	37.20 0.85 -16.14	37.62 0.91 -13.30	38.82 1.00 -11.61	48.94 1.06 -19.22	51.79 1.45 -14.88	53.76 1.72 -12.13	65.35 2.28 -11.11	71.27 2.76 -5.61	72.18 2.71 0.00	58.39 2.30 0.00	46.01 1.77 0.00	37.63 1.66 0.00
EMPIRE_CC_2 323658	36.82 0.56 -23.88	33.63 0.57 -20.45	33.88 0.48 -22.85	33.75 0.51 -21.97	34.43 0.53 -21.91	36.18 0.94 -14.47	43.27 1.40 -10.80	42.79 1.53 -6.41	37.47 1.21 -9.49	33.26 0.92 -11.29	31.74 0.89 -9.59	33.92 0.91 -11.89	37.20 0.85 -16.14	37.62 0.91 -13.30	38.82 1.00 -11.61	48.94 1.06 -19.22	51.79 1.45 -14.88	53.76 1.72 -12.13	65.35 2.28 -11.11	71.27 2.76 -5.61	72.18 2.71 0.00	58.39 2.30 0.00	46.01 1.77 0.00	37.63 1.66 0.00
ENORWICH_115KV_TB1 80156	20.20 0.46 -7.35	19.36 0.44 -6.30	17.96 0.37 -7.03	18.44 0.41 -6.76	19.19 0.46 -6.74	26.04 0.81 -4.45	36.11 1.71 -3.33	38.64 1.88 -1.91	30.72 1.12 -2.83	25.08 0.65 -3.38	24.60 0.47 -2.87	25.19 0.51 -3.56	25.36 0.46 -4.69	28.10 0.70 -3.98	30.56 0.87 -3.48	35.57 1.15 -5.76	42.17 1.88 -4.84	46.74 2.83 -3.99	59.57 3.22 -4.39	69.78 3.96 -2.92	75.28 4.72 -1.08	60.77 4.15 -0.53	47.61 3.23 -0.14	38.10 2.12 0.00
ERIE_ST__34_KV_TB1-2 80199	13.06 -0.82 -1.49	13.07 -0.82 -1.27	11.34 -0.65 -1.44	11.95 -0.70 -1.38	12.60 -0.77 -1.38	20.20 -1.48 -0.90	29.40 -2.36 -0.69	32.59 -2.65 -0.39	25.64 -1.71 -0.59	20.38 -1.35 -0.69	20.37 -1.47 -0.58	20.32 -1.52 -0.72	20.37 -1.41 -1.57	22.58 -1.64 -0.81	25.06 -1.86 -0.71	28.05 -1.78 -1.17	33.27 -2.16 0.01	37.65 -2.24 0.04	48.69 -3.22 0.04	58.54 -4.59 -0.24	63.64 -5.84 0.00	52.26 -3.81 0.02	41.17 -3.05 0.02	33.38 -2.59 0.00
ERIE_WT_PWR 323693	12.93 -0.95 -1.49	13.02 -0.87 -1.28	11.24 -0.75 -1.44	11.84 -0.81 -1.38	12.42 -0.95 -1.38	20.02 -1.66 -0.90	29.06 -2.67 -0.67	32.27 -2.96 -0.39	25.26 -2.09 -0.58	20.12 -1.62 -0.70	20.10 -1.74 -0.59	20.10 -1.75 -0.73	20.14 -1.64 -1.57	22.31 -1.92 -0.82	24.70 -2.23 -0.72	27.51 -2.35 -1.20	32.59 -2.87 -0.01	36.83 -3.07 0.01	47.69 -4.26 0.01	58.05 -5.09 -0.25	63.78 -5.70 0.00	51.58 -4.49 0.02	40.90 -3.32 0.02	33.35 -2.62 0.00
ESPRGFLD_115KV_TB1 80157	14.90 0.69 -1.82	14.89 0.71 -1.56	12.89 0.59 -1.74	13.57 0.62 -1.68	14.34 0.67 -1.67	23.06 1.18 -1.10	34.25 2.36 -0.82	37.30 2.54 0.09	28.10 1.47 0.14	21.80 0.90 0.16	21.83 0.70 0.13	21.67 0.72 0.16	20.58 0.71 0.34	24.26 1.03 0.18	27.21 1.15 0.16	29.92 1.52 0.27	38.14 2.16 -0.53	43.56 3.19 -0.44	55.61 3.43 -0.23	67.26 4.34 -0.02	74.27 4.79 0.00	59.91 3.81 0.00	47.21 2.96 0.00	38.13 2.16 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	16.97 0.24 -4.35	16.56 0.21 -3.73	14.90 0.18 -4.17	15.46 0.18 -4.01	16.21 0.22 -4.00	23.81 0.39 -2.64	33.73 0.68 -1.98	36.73 0.73 -1.15	28.99 0.51 -1.71	23.39 0.29 -2.05	23.23 0.23 -1.74	23.49 0.21 -2.16	23.56 0.22 -3.13	26.10 0.28 -2.41	28.66 0.34 -2.11	32.61 0.46 -3.48	37.79 0.60 -1.74	42.28 0.92 -1.45	55.43 1.09 -2.38	66.80 1.45 -2.46	72.62 1.67 -1.48	58.16 1.35 -0.72	45.40 0.97 -0.18	36.62 0.65 0.00
ETNA____115KV_TB2 80207	16.97 0.24 -4.35	16.56 0.21 -3.73	14.90 0.18 -4.17	15.46 0.18 -4.01	16.21 0.22 -4.00	23.81 0.39 -2.64	33.73 0.68 -1.98	36.73 0.73 -1.15	28.99 0.51 -1.71	23.39 0.29 -2.05	23.23 0.23 -1.74	23.49 0.21 -2.16	23.56 0.22 -3.13	26.10 0.28 -2.41	28.66 0.34 -2.11	32.61 0.46 -3.48	37.79 0.60 -1.74	42.28 0.92 -1.45	55.43 1.09 -2.38	66.80 1.45 -2.46	72.62 1.67 -1.48	58.16 1.35 -0.72	45.40 0.97 -0.18	36.62 0.65 0.00
EUCLID__115KV_TB2 356179	14.31 -0.07 -2.00	14.26 -0.08 -1.71	12.40 -0.07 -1.92	13.02 -0.09 -1.84	13.74 -0.10 -1.84	21.84 -0.15 -1.21	31.79 -0.19 -0.91	35.17 -0.21 -0.53	27.43 -0.13 -0.79	21.87 -0.13 -0.95	21.94 -0.13 -0.81	22.00 -0.13 -1.00	21.49 -0.08 -1.36	24.41 -0.12 -1.12	27.07 -0.13 -0.98	30.14 -0.14 -1.62	35.89 -0.32 -0.76	40.14 -0.44 -0.66	53.25 -0.68 -1.97	64.62 -0.69 -2.42	70.72 -0.63 -1.87	56.33 -0.67 -0.91	43.95 -0.53 -0.23	35.51 -0.47 0.00
E_CANADA_CAP_HY 24051	41.71 0.82 -28.51	37.88 0.85 -24.41	38.53 0.70 -27.28	38.23 0.73 -26.23	38.95 0.79 -26.16	39.46 1.41 -17.27	45.89 2.36 -12.46	44.61 2.37 -7.39	38.98 1.26 -10.95	34.72 0.65 -13.02	32.74 0.42 -11.06	35.23 0.40 -13.72	39.14 0.43 -18.51	39.38 0.63 -15.34	40.29 0.68 -13.39	51.86 1.03 -22.16	54.32 1.67 -17.20	56.53 2.59 -14.02	68.88 3.69 -13.23	74.53 4.97 -6.67	74.90 5.42 0.00	60.36 4.26 0.00	47.56 3.32 0.00	38.49 2.52 0.00
E_CANADA_MHWK_HY 24050	12.13 -0.26 0.00	12.34 -0.28 0.00	10.32 -0.23 0.00	11.03 -0.24 0.00	11.77 -0.23 0.00	20.44 -0.33 0.00	30.60 -0.47 0.00	34.29 -0.56 0.00	26.21 -0.56 0.00	20.58 -0.46 0.00	20.70 -0.55 0.00	20.51 -0.61 0.00	19.40 -0.81 0.00	22.45 -0.96 0.00	25.19 -1.02 0.00	27.57 -1.09 0.00	34.21 -1.24 0.00	38.64 -1.28 0.00	50.66 -1.30 0.00	61.39 -1.51 0.00	68.01 -1.46 0.00	55.14 -0.95 0.00	43.76 -0.49 0.00	35.54 -0.43 0.00
E_FISHKILL__LBMP 23776	35.03 0.85 -21.79	32.14 0.86 -18.66	32.10 0.70 -20.85	32.08 0.76 -20.05	32.78 0.79 -20.00	35.41 1.43 -13.20	43.13 2.17 -9.89	43.27 2.58 -5.84	37.49 2.06 -8.65	33.07 1.73 -10.30	31.83 1.83 -8.75	33.74 1.77 -10.85	36.69 1.76 -14.72	37.64 2.11 -12.13	39.14 2.33 -10.59	48.77 2.58 -17.53	52.34 3.19 -13.70	54.72 3.63 -11.16	66.67 4.52 -10.20	73.44 5.41 -5.13	74.96 5.49 0.00	60.47 4.38 0.00	47.60 3.36 0.00	38.49 2.52 0.00
FALCON__SEABRD_CC1 323796	12.11 -0.27 0.00	12.29 -0.33 0.00	10.31 -0.24 0.00	11.01 -0.26 0.00	11.77 -0.23 0.00	20.40 -0.37 0.00	30.47 -0.59 0.00	34.15 -0.70 0.00	26.18 -0.59 0.00	20.56 -0.48 0.00	20.83 -0.42 0.00	20.67 -0.44 0.00	19.71 -0.50 0.00	22.87 -0.54 0.00	25.66 -0.55 0.00	28.06 -0.60 0.00	34.81 -0.64 0.00	39.44 -0.48 0.00	51.54 -0.42 0.00	62.21 -0.69 0.00	69.06 -0.41 0.00	55.81 -0.28 0.00	43.98 -0.26 0.00	35.79 -0.18 0.00
FALCON__SEABRD_CC2 323797	12.11 -0.27 0.00	12.29 -0.33 0.00	10.31 -0.24 0.00	11.01 -0.26 0.00	11.77 -0.23 0.00	20.40 -0.37 0.00	30.47 -0.59 0.00	34.15 -0.70 0.00	26.18 -0.59 0.00	20.56 -0.48 0.00	20.83 -0.42 0.00	20.67 -0.44 0.00	19.71 -0.50 0.00	22.87 -0.54 0.00	25.66 -0.55 0.00	28.06 -0.60 0.00	34.81 -0.64 0.00	39.44 -0.48 0.00	51.54 -0.42 0.00	62.21 -0.69 0.00	69.06 -0.41 0.00	55.81 -0.28 0.00	43.98 -0.26 0.00	35.79 -0.18 0.00

FAR ROCKAWAY___4 23548	49.33 1.29 -35.65	42.49 1.31 -28.56	44.83 1.05 -33.23	32.05 1.05 -19.73	32.82 1.14 -19.68	35.93 2.16 -13.00	44.14 3.32 -9.75	44.48 3.87 -5.77	38.31 3.03 -8.51	33.57 2.40 -10.13	32.42 2.55 -8.61	34.31 2.51 -10.68	37.25 2.55 -14.49	38.32 2.97 -11.94	40.00 3.36 -10.43	49.44 3.53 -17.25	53.01 4.04 -13.51	55.38 4.47 -10.99	67.05 5.61 -9.48	74.45 6.79 -4.76	75.67 6.95 0.75	61.70 5.61 0.00	49.17 4.91 -0.02	39.84 3.85 -0.02
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	34.89 1.05 -21.45	32.04 1.06 -18.37	31.93 0.86 -20.52	31.93 0.92 -19.73	32.66 0.98 -19.68	35.52 1.75 -13.00	43.47 2.67 -9.73	43.84 3.24 -5.75	37.93 2.65 -8.51	33.43 2.25 -10.13	32.25 2.38 -8.61	34.14 2.34 -10.68	37.01 2.30 -14.49	38.11 2.76 -11.94	39.71 3.07 -10.43	49.30 3.38 -17.25	53.18 4.22 -13.51	55.67 4.75 -11.01	67.93 5.92 -10.05	74.93 6.98 -5.05	76.63 7.16 0.00	61.70 5.61 0.00	48.49 4.25 0.00	39.14 3.17 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	34.89 1.05 -21.45	32.04 1.06 -18.37	31.93 0.86 -20.52	31.93 0.92 -19.73	32.66 0.98 -19.68	35.52 1.75 -13.00	43.47 2.67 -9.73	43.84 3.24 -5.75	37.93 2.65 -8.51	33.43 2.25 -10.13	32.25 2.38 -8.61	34.14 2.34 -10.68	36.98 2.28 -14.49	38.11 2.76 -11.94	39.71 3.07 -10.43	49.30 3.38 -17.25	53.18 4.22 -13.51	55.67 4.75 -11.01	67.88 5.87 -10.05	74.93 6.98 -5.05	76.63 7.16 0.00	61.70 5.61 0.00	48.49 4.25 0.00	39.14 3.17 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	34.89 1.05 -21.45	32.04 1.06 -18.37	31.93 0.86 -20.52	31.93 0.92 -19.73	32.65 0.97 -19.68	35.52 1.75 -13.00	43.47 2.67 -9.73	43.84 3.24 -5.75	37.91 2.62 -8.51	33.43 2.25 -10.13	32.25 2.38 -8.61	34.12 2.32 -10.68	36.98 2.28 -14.49	38.11 2.76 -11.94	39.71 3.07 -10.43	49.30 3.38 -17.25	53.18 4.22 -13.51	55.63 4.71 -11.01	67.88 5.87 -10.05	74.87 6.92 -5.05	76.56 7.09 0.00	61.70 5.61 0.00	48.49 4.25 0.00	39.14 3.17 0.00
FARRAGUT___LBMP 323566	34.87 1.04 -21.45	32.03 1.05 -18.37	31.92 0.84 -20.52	31.92 0.91 -19.73	32.65 0.97 -19.68	35.49 1.72 -13.00	43.44 2.64 -9.73	43.80 3.21 -5.75	37.88 2.60 -8.51	33.41 2.23 -10.13	32.23 2.36 -8.61	34.10 2.30 -10.68	36.96 2.26 -14.49	38.06 2.72 -11.94	39.69 3.04 -10.43	49.27 3.35 -17.25	53.15 4.18 -13.51	55.59 4.67 -11.01	67.82 5.82 -10.05	74.81 6.86 -5.05	76.49 7.02 0.00	61.64 5.55 0.00	48.44 4.20 0.00	39.10 3.13 0.00
FARRCKWY_69_KV_BK2 55825	49.33 1.29 -35.65	42.49 1.31 -28.56	44.83 1.05 -33.23	32.05 1.05 -19.73	32.82 1.14 -19.68	35.93 2.16 -13.00	44.14 3.32 -9.75	44.48 3.87 -5.77	38.31 3.03 -8.51	33.57 2.40 -10.13	32.42 2.55 -8.61	34.31 2.51 -10.68	37.25 2.55 -14.49	38.32 2.97 -11.94	40.00 3.36 -10.43	49.44 3.53 -17.25	53.01 4.04 -13.51	55.38 4.47 -10.99	67.05 5.61 -9.48	74.45 6.79 -4.76	75.67 6.95 0.75	61.70 5.61 0.00	49.17 4.91 -0.02	39.84 3.85 -0.02
FENNER___WINDPWR 24204	15.36 0.20 -2.78	15.19 0.19 -2.38	13.38 0.16 -2.66	14.00 0.17 -2.56	14.74 0.19 -2.55	22.81 0.35 -1.69	32.90 0.59 -1.25	36.25 0.66 -0.74	28.30 0.43 -1.10	22.64 0.27 -1.32	22.61 0.23 -1.12	22.74 0.23 -1.39	22.34 0.24 -1.88	25.29 0.33 -1.55	27.94 0.37 -1.35	31.36 0.46 -2.24	37.24 0.60 -1.19	41.76 0.84 -1.00	55.06 1.20 -1.91	66.42 1.51 -2.01	72.55 1.74 -1.34	58.15 1.40 -0.66	45.47 1.06 -0.17	36.62 0.65 0.00
FIBERTEK___ENERGY 23856	14.46 0.01 -2.06	14.39 0.01 -1.76	12.53 0.00 -1.97	13.16 -0.01 -1.90	13.88 0.00 -1.89	22.02 0.00 -1.25	32.03 0.03 -0.94	35.43 0.03 -0.55	27.66 0.08 -0.81	22.07 0.04 -0.99	22.11 0.02 -0.84	22.18 0.02 -1.04	21.77 0.06 -1.50	24.64 0.07 -1.16	27.31 0.08 -1.01	30.46 0.11 -1.68	36.27 0.00 -0.81	40.62 -0.04 -0.74	54.55 -0.21 -2.80	66.38 -0.13 -3.61	72.31 -0.07 -2.91	57.34 -0.17 -1.42	44.47 -0.13 -0.36	35.79 -0.18 0.00
FITZPATRICK___ 23598	13.44 -0.30 -1.35	13.49 -0.29 -1.16	11.60 -0.25 -1.29	12.24 -0.27 -1.24	12.94 -0.30 -1.24	21.08 -0.52 -0.82	30.90 -0.78 -0.61	34.34 -0.87 -0.36	26.66 -0.64 -0.53	21.17 -0.51 -0.63	21.26 -0.53 -0.53	21.25 -0.53 -0.66	20.62 -0.49 -0.90	23.56 -0.58 -0.74	26.21 -0.65 -0.64	28.99 -0.75 -1.07	35.23 -1.03 -0.81	38.85 -1.32 -0.25	38.71 -1.77 11.48	43.50 -2.07 17.32	51.41 -2.15 15.91	46.48 -1.85 7.76	40.78 -1.46 2.00	34.79 -1.19 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	35.24 0.98 -21.88	32.33 0.97 -18.74	32.30 0.80 -20.94	32.26 0.86 -20.13	32.97 0.90 -20.08	35.65 1.62 -13.26	43.48 2.49 -9.93	43.63 2.93 -5.86	37.69 2.25 -8.67	33.19 1.83 -10.32	31.95 1.93 -8.76	33.87 1.88 -10.87	36.84 1.88 -14.75	37.81 2.25 -12.15	39.37 2.54 -10.61	49.09 2.87 -17.56	52.83 3.65 -13.73	55.38 4.27 -11.19	67.62 5.46 -10.21	74.64 6.60 -5.14	76.35 6.88 0.00	61.48 5.38 0.00	48.31 4.07 0.00	38.99 3.02 0.00
FORT ORANGE___ 23900	37.25 0.41 -24.46	33.99 0.43 -20.95	34.30 0.34 -23.40	34.14 0.36 -22.51	34.81 0.37 -22.45	36.26 0.66 -14.82	43.11 0.99 -11.05	42.49 1.08 -6.56	37.28 0.80 -9.71	33.21 0.61 -11.55	31.66 0.59 -9.81	33.88 0.59 -12.17	37.27 0.55 -16.51	37.62 0.61 -13.60	38.78 0.68 -11.88	49.10 0.77 -19.66	51.79 1.13 -15.20	53.66 1.36 -12.39	64.93 1.87 -11.11	70.88 2.33 -5.66	71.90 2.43 0.00	58.05 1.96 0.00	45.70 1.46 0.00	37.27 1.29 0.00
FORT_DRUM_COGEN 23780	13.40 -0.27 -1.29	13.42 -0.30 -1.10	11.53 -0.26 -1.23	12.19 -0.27 -1.19	12.92 -0.25 -1.18	21.14 -0.42 -0.78	31.03 -0.62 -0.58	34.49 -0.70 -0.34	26.34 -0.94 -0.51	20.78 -0.88 -0.62	20.93 -0.85 -0.53	20.95 -0.82 -0.65	20.27 -0.83 -0.89	23.27 -0.87 -0.73	25.91 -0.94 -0.64	28.80 -0.92 -1.06	35.15 -1.10 -0.80	39.99 -0.64 -0.71	54.63 0.31 -2.36	66.16 0.38 -2.88	72.77 0.97 -2.33	58.24 1.01 -1.14	45.33 0.80 -0.29	36.12 0.14 0.00
FOX_HILLS___ESR 323835	35.00 1.16 -21.45	32.17 1.17 -18.37	32.03 0.94 -20.53	32.03 1.01 -19.74	32.77 1.09 -19.68	35.66 1.89 -13.00	43.52 2.76 -9.69	43.95 3.35 -5.75	38.02 2.73 -8.51	33.52 2.34 -10.14	32.33 2.46 -8.61	34.22 2.43 -10.68	37.08 2.38 -14.49	38.24 2.88 -11.95	39.85 3.20 -10.44	49.53 3.61 -17.26	53.51 4.54 -13.53	56.01 5.07 -11.02	68.39 6.34 -10.10	75.52 7.54 -5.08	77.19 7.71 -0.01	62.21 6.11 -0.01	48.99 4.74 -0.01	39.44 3.45 -0.01
FPL_FAR_ROCK_GT1 24212	49.33 1.29 -35.65	42.49 1.31 -28.56	44.83 1.05 -33.23	32.05 1.05 -19.73	32.82 1.14 -19.68	35.93 2.16 -13.00	44.10 3.33 -9.71	44.49 3.87 -5.77	38.31 3.02 -8.51	33.58 2.40 -10.14	32.42 2.55 -8.62	34.31 2.51 -10.68	37.25 2.55 -14.49	38.33 2.97 -11.94	40.00 3.36 -10.43	49.53 3.61 -17.25	53.18 4.22 -13.52	55.62 4.71 -11.00	67.29 5.82 -9.52	74.72 7.04 -4.78	75.82 7.09 0.75	62.04 5.94 0.00	49.26 5.00 -0.02	39.84 3.85 -0.02
FPL_FAR_ROCK_GT2 23815	49.33 1.29 -35.65	42.49 1.31 -28.56	44.83 1.05 -33.23	32.05 1.05 -19.73	32.82 1.14 -19.68	35.93 2.16 -13.00	44.10 3.33 -9.71	44.49 3.87 -5.77	38.31 3.02 -8.51	33.58 2.40 -10.14	32.42 2.55 -8.62	34.31 2.51 -10.68	37.25 2.55 -14.49	38.33 2.97 -11.94	40.00 3.36 -10.43	49.53 3.61 -17.25	53.18 4.22 -13.52	55.62 4.71 -11.00	67.29 5.82 -9.52	74.72 7.04 -4.78	75.82 7.09 0.75	62.04 5.94 0.00	49.26 5.00 -0.02	39.84 3.85 -0.02



FRANKLIN_FALL_HYD 24054	12.09 -0.30 0.00	12.25 -0.37 0.00	10.29 -0.26 0.00	10.98 -0.29 0.00	11.75 -0.24 0.00	20.38 -0.39 0.00	30.51 -0.56 0.00	34.19 -0.66 0.00	26.16 -0.62 0.00	20.52 -0.53 0.00	20.81 -0.45 0.00	20.68 -0.44 0.00	19.71 -0.51 0.00	22.85 -0.56 0.00	25.64 -0.58 0.00	28.06 -0.60 0.00	34.95 -0.50 0.00	39.52 -0.40 0.00	51.69 -0.26 0.00	62.27 -0.63 0.00	69.19 -0.28 0.00	55.81 -0.28 0.00	43.98 -0.27 0.00	35.72 -0.25 0.00
FREEPORT_EQUS_GT1 23764	49.28 1.24 -35.65	42.44 1.26 -28.56	44.80 1.01 -33.23	32.01 1.00 -19.73	32.78 1.10 -19.68	35.87 2.10 -13.00	44.03 3.26 -9.71	44.41 3.80 -5.76	38.23 2.94 -8.51	33.52 2.34 -10.14	32.36 2.49 -8.61	34.22 2.43 -10.68	37.17 2.46 -14.49	38.23 2.88 -11.94	39.92 3.28 -10.43	49.41 3.50 -17.25	53.00 4.04 -13.51	55.42 4.51 -10.99	64.26 5.50 -6.80	72.93 6.66 -3.37	71.82 6.67 4.33	61.70 5.61 0.00	49.21 4.95 -0.01	39.73 3.74 -0.01
FREEPORT___CT2 23818	49.28 1.24 -35.65	42.44 1.26 -28.56	44.80 1.01 -33.23	32.01 1.00 -19.73	32.78 1.10 -19.68	35.87 2.10 -13.00	44.03 3.26 -9.71	44.41 3.80 -5.76	38.23 2.94 -8.51	33.52 2.34 -10.14	32.36 2.49 -8.61	34.22 2.43 -10.68	37.17 2.46 -14.49	38.23 2.88 -11.94	39.92 3.28 -10.43	49.41 3.50 -17.25	53.00 4.04 -13.51	55.42 4.51 -10.99	64.26 5.50 -6.80	72.93 6.66 -3.37	71.82 6.67 4.33	61.70 5.61 0.00	49.21 4.95 -0.01	39.73 3.74 -0.01
FRESHKLS_33_KV_LOAD 356253	35.04 1.20 -21.45	32.20 1.21 -18.37	32.06 0.97 -20.53	32.06 1.05 -19.74	32.80 1.13 -19.68	35.72 1.95 -13.00	43.61 2.86 -9.69	44.05 3.45 -5.75	38.07 2.78 -8.51	33.56 2.38 -10.14	32.38 2.51 -8.61	34.27 2.47 -10.68	37.13 2.42 -14.49	38.28 2.93 -11.95	39.93 3.28 -10.44	49.59 3.67 -17.26	53.62 4.64 -13.53	56.12 5.19 -11.02	68.55 6.49 -10.10	75.71 7.73 -5.08	77.40 7.92 -0.01	62.38 6.28 -0.01	49.12 4.87 -0.01	39.58 3.60 -0.01
FULTON COGEN____ 23766	14.04 -0.20 -1.86	14.00 -0.20 -1.59	12.15 -0.18 -1.78	12.79 -0.19 -1.71	13.49 -0.20 -1.70	21.55 -0.35 -1.12	31.41 -0.50 -0.84	34.79 -0.56 -0.49	27.13 -0.37 -0.73	21.63 -0.32 -0.90	21.70 -0.32 -0.77	21.75 -0.32 -0.95	21.22 -0.28 -1.29	24.14 -0.33 -1.06	26.78 -0.37 -0.93	29.80 -0.40 -1.53	35.53 -0.64 -0.72	39.84 -0.80 -0.72	55.20 -1.14 -4.39	67.67 -1.20 -5.96	73.31 -1.25 -5.08	57.45 -1.12 -2.48	43.95 -0.93 -0.64	35.18 -0.79 0.00
FULTON___LFGE 323630	40.10 0.79 -26.92	36.49 0.82 -23.06	36.99 0.68 -25.76	36.74 0.70 -24.77	37.47 0.77 -24.71	38.44 1.35 -16.31	45.22 2.14 -12.01	44.03 2.06 -7.12	38.36 1.04 -10.55	34.08 0.48 -12.55	32.19 0.28 -10.66	34.57 0.23 -13.21	38.31 0.24 -17.85	38.54 0.35 -14.78	39.57 0.45 -12.91	50.79 0.77 -21.36	53.33 1.38 -16.50	55.64 2.27 -13.44	68.03 3.53 -12.54	74.14 4.91 -6.33	74.75 5.28 0.00	60.24 4.15 0.00	47.34 3.10 0.00	38.42 2.45 0.00
G.F.CEMENT___DRP 24184	38.39 0.83 -25.18	35.05 0.87 -21.56	35.35 0.71 -24.09	35.17 0.73 -23.17	35.89 0.79 -23.10	37.42 1.39 -15.26	44.91 2.42 -11.43	44.14 2.58 -6.72	38.51 1.79 -9.94	34.01 1.14 -11.83	32.35 1.04 -10.05	34.62 1.03 -12.46	38.12 0.99 -16.92	38.47 1.12 -13.94	39.67 1.28 -12.17	50.18 1.35 -20.17	52.66 1.95 -15.26	54.86 2.51 -12.43	66.94 3.64 -11.35	73.46 4.78 -5.78	74.61 5.14 0.00	60.41 4.32 0.00	47.34 3.10 0.00	38.56 2.59 0.00
GARDENVILLE___LBMP 24039	12.90 -0.98 -1.49	12.99 -0.90 -1.27	11.22 -0.77 -1.44	11.83 -0.82 -1.38	12.40 -0.97 -1.38	20.00 -1.68 -0.90	29.06 -2.70 -0.69	32.21 -3.03 -0.39	25.22 -2.14 -0.59	20.06 -1.66 -0.68	20.04 -1.79 -0.57	20.04 -1.80 -0.71	20.10 -1.66 -1.55	22.24 -1.97 -0.80	24.63 -2.28 -0.70	27.40 -2.41 -1.15	32.35 -3.08 0.02	36.60 -3.27 0.05	47.39 -4.52 0.04	57.72 -5.41 -0.23	63.71 -5.77 0.00	51.42 -4.66 0.02	40.82 -3.41 0.02	33.49 -2.48 0.00
GARDNVLA_35_KV_LD 355827	12.93 -0.94 -1.49	13.03 -0.86 -1.27	11.25 -0.74 -1.44	11.86 -0.79 -1.38	12.44 -0.94 -1.38	20.06 -1.62 -0.90	29.15 -2.61 -0.69	32.35 -2.89 -0.39	25.32 -2.03 -0.59	20.15 -1.58 -0.68	20.13 -1.70 -0.58	20.13 -1.71 -0.72	20.18 -1.60 -1.56	22.34 -1.87 -0.81	24.74 -2.18 -0.70	27.53 -2.29 -1.16	32.46 -2.98 0.01	36.77 -3.11 0.03	47.55 -4.36 0.04	57.85 -5.28 -0.24	63.85 -5.63 0.00	51.59 -4.49 0.02	40.95 -3.27 0.02	33.56 -2.41 0.00
GELCKHM___115KV_LOAD 80723	14.25 -0.05 -1.91	14.22 -0.04 -1.64	12.34 -0.05 -1.83	12.98 -0.06 -1.76	13.69 -0.06 -1.76	21.85 -0.08 -1.16	31.84 -0.09 -0.87	35.22 -0.14 -0.51	27.47 -0.05 -0.76	21.90 -0.06 -0.92	21.97 -0.06 -0.78	22.02 -0.06 -0.96	21.57 -0.02 -1.38	24.44 -0.05 -1.08	27.10 -0.05 -0.94	30.16 -0.06 -1.56	36.05 -0.18 -0.77	40.33 -0.28 -0.69	53.76 -0.47 -2.28	65.32 -0.44 -2.86	71.31 -0.42 -2.26	56.74 -0.45 -1.10	44.12 -0.40 -0.28	35.61 -0.36 0.00
GENERAL___MILLS 23808	12.93 -0.94 -1.49	13.02 -0.87 -1.27	11.24 -0.75 -1.44	11.85 -0.80 -1.38	12.44 -0.94 -1.38	20.04 -1.64 -0.90	29.12 -2.64 -0.69	32.28 -2.96 -0.39	25.30 -2.06 -0.59	20.13 -1.60 -0.68	20.11 -1.72 -0.58	20.11 -1.73 -0.72	20.15 -1.62 -1.56	22.30 -1.92 -0.81	24.69 -2.23 -0.70	27.50 -2.32 -1.16	32.46 -2.98 0.01	36.73 -3.15 0.04	47.50 -4.42 0.04	57.78 -5.35 -0.23	63.78 -5.70 0.00	51.53 -4.54 0.02	40.91 -3.32 0.02	33.49 -2.48 0.00
GE_PLASTICS___DRP 24183	37.16 0.37 -24.40	33.90 0.39 -20.89	34.23 0.33 -23.35	34.07 0.35 -22.45	34.74 0.36 -22.39	36.18 0.62 -14.78	43.07 0.93 -11.07	42.44 1.05 -6.54	37.26 0.80 -9.69	33.22 0.65 -11.53	31.69 0.64 -9.79	33.89 0.63 -12.14	37.30 0.61 -16.48	37.66 0.68 -13.58	38.83 0.76 -11.86	49.12 0.83 -19.62	51.69 1.06 -15.17	53.56 1.28 -12.36	64.66 1.66 -11.04	70.53 2.01 -5.62	71.56 2.08 0.00	57.77 1.68 0.00	45.57 1.33 0.00	37.09 1.12 0.00
GILBOA___1 23756	33.05 0.47 -20.19	30.39 0.48 -17.29	30.30 0.42 -19.32	30.31 0.46 -18.58	31.00 0.48 -18.53	33.78 0.77 -12.23	41.44 1.18 -9.19	41.66 1.36 -5.45	35.92 1.07 -8.07	31.51 0.86 -9.60	30.29 0.87 -8.16	32.10 0.87 -10.12	34.72 0.85 -13.66	35.71 0.98 -11.31	37.20 1.10 -9.88	46.25 1.23 -16.35	49.82 1.60 -12.77	52.16 1.84 -10.41	63.67 2.23 -9.49	70.23 2.58 -4.76	72.04 2.57 0.00	58.28 2.19 0.00	46.02 1.77 0.00	37.34 1.37 0.00
GILBOA___2 23757	33.05 0.47 -20.19	30.39 0.48 -17.29	30.30 0.42 -19.32	30.31 0.46 -18.58	31.00 0.48 -18.53	33.78 0.77 -12.23	41.44 1.18 -9.19	41.66 1.36 -5.45	35.92 1.07 -8.07	31.51 0.86 -9.60	30.29 0.87 -8.16	32.10 0.87 -10.12	34.72 0.85 -13.66	35.71 0.98 -11.31	37.20 1.10 -9.88	46.25 1.23 -16.35	49.82 1.60 -12.77	52.16 1.84 -10.41	63.67 2.23 -9.49	70.23 2.58 -4.76	72.04 2.57 0.00	58.28 2.19 0.00	46.02 1.77 0.00	37.34 1.37 0.00
GILBOA___3 23758	33.05 0.47 -20.19	30.39 0.48 -17.29	30.30 0.42 -19.32	30.31 0.46 -18.58	31.00 0.48 -18.53	33.78 0.77 -12.23	41.44 1.18 -9.19	41.66 1.36 -5.45	35.92 1.07 -8.07	31.51 0.86 -9.60	30.29 0.87 -8.16	32.10 0.87 -10.12	34.72 0.85 -13.66	35.71 0.98 -11.31	37.20 1.10 -9.88	46.25 1.23 -16.35	49.82 1.60 -12.77	52.16 1.84 -10.41	63.67 2.23 -9.49	70.23 2.58 -4.76	72.04 2.57 0.00	58.28 2.19 0.00	46.02 1.77 0.00	37.34 1.37 0.00

GILBOA___4 23759	33.05 0.47 -20.19	30.39 0.48 -17.29	30.30 0.42 -19.32	30.31 0.46 -18.58	31.00 0.48 -18.53	33.78 0.77 -12.23	41.44 1.18 -9.19	41.66 1.36 -5.45	35.92 1.07 -8.07	31.51 0.86 -9.60	30.29 0.87 -8.16	32.10 0.87 -10.12	34.72 0.85 -13.66	35.71 0.98 -11.31	37.20 1.10 -9.88	46.25 1.23 -16.35	49.82 1.60 -12.77	52.16 1.84 -10.41	63.67 2.23 -9.49	70.23 2.58 -4.76	72.04 2.57 0.00	58.28 2.19 0.00	46.02 1.77 0.00	37.34 1.37 0.00
GILBOA____ 23599	33.05 0.47 -20.19	30.39 0.48 -17.29	30.30 0.42 -19.32	30.31 0.46 -18.58	31.00 0.48 -18.53	33.78 0.77 -12.23	41.41 1.18 -9.16	41.66 1.36 -5.45	35.92 1.07 -8.07	31.52 0.86 -9.61	30.29 0.87 -8.16	32.11 0.87 -10.12	34.72 0.85 -13.66	35.71 0.98 -11.32	37.20 1.10 -9.88	46.23 1.20 -16.36	49.75 1.52 -12.77	52.12 1.80 -10.41	63.65 2.18 -9.52	70.18 2.52 -4.77	71.97 2.50 0.00	58.28 2.19 0.00	45.97 1.73 0.00	37.34 1.37 0.00
GINNA____ 23603	12.92 -1.04 -1.58	12.98 -0.98 -1.35	11.20 -0.88 -1.52	11.80 -0.92 -1.46	12.34 -1.10 -1.45	19.99 -1.75 -0.96	29.13 -2.64 -0.71	32.34 -2.93 -0.42	25.17 -2.22 -0.62	20.08 -1.70 -0.74	20.12 -1.76 -0.63	20.17 -1.73 -0.78	20.22 -1.62 -1.62	22.39 -1.90 -0.88	24.80 -2.18 -0.76	27.41 -2.52 -1.27	32.38 -3.40 -0.33	36.51 -3.67 -0.26	47.20 -4.99 -0.24	57.39 -5.79 -0.28	63.98 -5.49 0.00	51.15 -4.94 0.01	40.38 -3.85 0.01	32.95 -3.02 0.00
GLEN PARK____ 23778	13.51 -0.20 -1.33	13.51 -0.24 -1.13	11.61 -0.21 -1.27	12.28 -0.21 -1.22	13.03 -0.18 -1.22	21.29 -0.29 -0.80	31.22 -0.43 -0.59	34.71 -0.49 -0.35	26.46 -0.83 -0.52	20.86 -0.82 -0.64	21.01 -0.79 -0.54	21.03 -0.76 -0.67	20.33 -0.79 -0.91	23.36 -0.80 -0.75	26.03 -0.84 -0.66	28.95 -0.80 -1.09	35.35 -0.92 -0.82	40.13 -0.52 -0.73	54.99 0.57 -2.47	66.66 0.76 -3.01	73.37 1.46 -2.43	58.68 1.40 -1.19	45.61 1.06 -0.31	36.26 0.29 0.00
GLENDALE_27_KV_LOAD 356172	34.95 1.11 -21.45	32.13 1.14 -18.37	32.00 0.92 -20.53	32.00 0.99 -19.74	32.72 1.04 -19.68	35.62 1.85 -13.00	43.53 2.73 -9.73	43.94 3.35 -5.75	38.04 2.76 -8.51	33.53 2.36 -10.13	32.36 2.49 -8.61	34.23 2.43 -10.68	37.09 2.38 -14.49	38.20 2.86 -11.94	39.82 3.17 -10.43	49.44 3.53 -17.25	53.36 4.40 -13.51	55.83 4.91 -11.01	68.14 6.13 -10.05	75.18 7.23 -5.05	76.84 7.36 0.00	61.93 5.83 0.00	48.67 4.42 0.00	39.32 3.35 0.00
GLENWOOD_IC_1_G5 23712	49.18 1.14 -35.65	42.34 1.16 -28.56	44.72 0.93 -33.23	31.96 0.96 -19.73	32.71 1.03 -19.68	35.68 1.91 -13.00	43.76 2.95 -9.75	44.10 3.48 -5.77	38.04 2.76 -8.51	33.43 2.25 -10.13	32.27 2.40 -8.61	34.14 2.34 -10.68	37.07 2.36 -14.49	38.13 2.79 -11.94	39.79 3.15 -10.43	49.27 3.35 -17.25	52.90 3.94 -13.51	55.27 4.35 -11.00	65.40 5.40 -8.04	73.20 6.29 -4.01	73.22 6.39 2.64	61.36 5.27 0.00	48.73 4.47 -0.02	39.41 3.42 -0.02
GLENWOOD_IC_2_G1 23688	49.10 1.07 -35.65	42.25 1.07 -28.56	44.65 0.87 -33.23	31.91 0.90 -19.73	32.65 0.97 -19.68	35.56 1.79 -13.00	43.49 2.73 -9.69	43.84 3.24 -5.75	37.88 2.60 -8.51	33.31 2.12 -10.14	32.14 2.28 -8.61	34.01 2.22 -10.68	36.92 2.22 -14.49	37.97 2.62 -11.94	39.61 2.96 -10.43	49.15 3.24 -17.25	52.90 3.93 -13.51	55.32 4.39 -11.01	67.43 5.40 -10.07	74.44 6.48 -5.07	75.98 6.53 0.02	61.42 5.33 0.00	48.58 4.34 0.00	39.17 3.20 0.00
GLENWOOD_IC_3_G1 23689	49.10 1.07 -35.65	42.25 1.07 -28.56	44.65 0.87 -33.23	31.91 0.90 -19.73	32.65 0.97 -19.68	35.56 1.79 -13.00	43.49 2.73 -9.69	43.84 3.24 -5.75	37.88 2.60 -8.51	33.31 2.12 -10.14	32.14 2.28 -8.61	34.01 2.22 -10.68	36.92 2.22 -14.49	37.97 2.62 -11.94	39.61 2.96 -10.43	49.15 3.24 -17.25	52.90 3.93 -13.51	55.32 4.39 -11.01	67.43 5.40 -10.07	74.44 6.48 -5.07	75.98 6.53 0.02	61.42 5.33 0.00	48.58 4.34 0.00	39.17 3.20 0.00
GLENWOOD___4 23550	49.18 1.14 -35.65	42.34 1.16 -28.56	44.72 0.93 -33.23	31.96 0.96 -19.73	32.71 1.03 -19.68	35.68 1.91 -13.00	43.76 2.95 -9.75	44.10 3.48 -5.77	38.04 2.76 -8.51	33.43 2.25 -10.13	32.27 2.40 -8.61	34.14 2.34 -10.68	37.07 2.36 -14.49	38.13 2.79 -11.94	39.79 3.15 -10.43	49.27 3.35 -17.25	52.90 3.94 -13.51	55.27 4.35 -11.00	65.40 5.40 -8.04	73.26 6.35 -4.01	73.29 6.46 2.64	61.36 5.27 0.00	48.73 4.47 -0.02	39.41 3.42 -0.02
GLENWOOD___5 23614	49.18 1.14 -35.65	42.34 1.16 -28.56	44.72 0.93 -33.23	31.96 0.96 -19.73	32.71 1.03 -19.68	35.68 1.91 -13.00	43.76 2.95 -9.75	44.10 3.48 -5.77	38.04 2.76 -8.51	33.43 2.25 -10.13	32.27 2.40 -8.61	34.14 2.34 -10.68	37.07 2.36 -14.49	38.13 2.79 -11.94	39.79 3.15 -10.43	49.27 3.35 -17.25	52.90 3.94 -13.51	55.27 4.35 -11.00	65.40 5.40 -8.04	73.26 6.35 -4.01	73.29 6.46 2.64	61.36 5.27 0.00	48.73 4.47 -0.02	39.41 3.42 -0.02
GLOBAL GREEN_PORT_GT1 23814	49.07 1.03 -35.65	42.21 1.03 -28.56	44.62 0.83 -33.23	31.85 0.85 -19.73	32.62 0.95 -19.68	35.70 1.93 -13.00	43.75 2.98 -9.70	44.55 3.94 -5.76	38.18 2.89 -8.51	33.35 2.17 -10.14	32.25 2.38 -8.61	34.06 2.26 -10.68	37.06 2.36 -14.49	38.20 2.85 -11.94	39.95 3.30 -10.43	49.26 3.35 -17.25	52.76 3.80 -13.51	54.86 3.95 -10.99	60.60 4.78 -3.86	70.78 6.04 -1.85	67.13 5.84 8.18	61.31 5.22 0.00	48.99 4.74 -0.01	39.36 3.38 -0.01
GLOBE___DSASP 323697	12.74 -1.14 -1.50	12.93 -0.97 -1.28	10.99 -0.99 -1.43	11.56 -1.08 -1.37	12.05 -1.32 -1.37	19.56 -2.12 -0.90	28.35 -3.39 -0.68	31.39 -3.83 -0.38	24.53 -2.81 -0.57	19.63 -2.08 -0.67	19.65 -2.17 -0.56	19.65 -2.18 -0.71	19.67 -2.00 -1.46	21.72 -2.48 -0.79	23.94 -2.96 -0.69	26.39 -3.44 -1.17	30.88 -4.64 -0.07	34.77 -5.19 -0.04	44.85 -7.12 -0.02	55.02 -8.11 -0.24	61.55 -7.92 0.00	49.01 -7.07 0.02	39.09 -5.13 0.02	32.45 -3.53 0.00
GOETHSLN___LBMP 323567	34.85 1.02 -21.45	31.99 1.01 -18.37	31.90 0.82 -20.52	31.89 0.89 -19.73	32.61 0.94 -19.68	35.45 1.68 -13.00	43.41 2.61 -9.73	43.73 3.14 -5.75	37.85 2.57 -8.51	33.36 2.19 -10.13	32.19 2.32 -8.61	34.08 2.28 -10.68	36.92 2.22 -14.49	38.02 2.67 -11.94	39.63 2.99 -10.43	49.21 3.30 -17.25	53.08 4.11 -13.51	55.56 4.63 -11.01	67.77 5.77 -10.05	74.74 6.79 -5.05	76.42 6.95 0.00	61.53 5.44 0.00	48.36 4.11 0.00	39.03 3.06 0.00
GOLAH___69_KV_TB 1_2 80279	13.32 -0.61 -1.54	13.43 -0.50 -1.32	11.56 -0.49 -1.48	12.19 -0.51 -1.43	12.75 -0.67 -1.42	20.71 -1.00 -0.94	30.16 -1.62 -0.71	33.48 -1.78 -0.41	26.02 -1.37 -0.61	20.71 -1.05 -0.72	20.76 -1.11 -0.61	20.75 -1.12 -0.75	20.88 -1.05 -1.72	23.01 -1.24 -0.84	25.46 -1.49 -0.74	28.13 -1.75 -1.22	33.30 -2.41 -0.26	37.44 -2.67 -0.20	48.49 -3.64 -0.17	59.38 -3.77 -0.26	66.28 -3.20 0.00	52.88 -3.20 0.01	41.89 -2.34 0.01	34.43 -1.55 0.00
GOODYEAR_LAKE_HYD 323669	20.94 0.58 -7.97	20.04 0.59 -6.83	18.68 0.51 -7.62	19.14 0.54 -7.33	19.88 0.58 -7.31	26.60 1.00 -4.83	37.04 2.36 -3.61	38.57 2.68 -1.03	29.99 1.69 -1.53	24.02 1.14 -1.83	23.77 0.96 -1.56	24.09 1.03 -1.93	23.62 0.97 -2.44	26.93 1.36 -2.16	29.62 1.52 -1.89	33.65 1.86 -3.12	41.57 2.55 -3.56	46.41 3.55 -2.94	57.83 3.07 -2.81	68.27 3.65 -1.73	74.05 3.96 -0.62	59.65 3.25 -0.31	46.85 2.52 -0.08	37.77 1.80 0.00

GOUDEY___7 345031	21.66 0.17 -9.10	20.59 0.18 -7.80	19.40 0.15 -8.69	19.79 0.16 -8.36	20.50 0.17 -8.34	26.58 0.29 -5.51	35.70 0.53 -4.11	37.82 0.59 -2.38	30.77 0.48 -3.51	25.61 0.36 -4.21	25.17 0.34 -3.58	25.87 0.32 -4.43	25.49 0.34 -4.94	28.78 0.42 -4.95	30.99 0.45 -4.33	36.35 0.52 -7.17	43.91 0.64 -7.82	47.20 0.84 -6.44	59.53 0.94 -6.64	67.67 1.13 -3.64	71.62 1.11 -1.03	57.57 0.95 -0.53	45.10 0.71 -0.15	36.44 0.47 0.00
GOUDEY___8 23579	21.66 0.17 -9.10	20.59 0.18 -7.80	19.40 0.15 -8.69	19.79 0.16 -8.36	20.50 0.17 -8.34	26.58 0.29 -5.51	35.70 0.53 -4.11	37.82 0.59 -2.38	30.77 0.48 -3.51	25.61 0.36 -4.21	25.17 0.34 -3.58	25.87 0.32 -4.43	25.49 0.34 -4.94	28.78 0.42 -4.95	30.99 0.45 -4.33	36.35 0.52 -7.17	43.91 0.64 -7.82	47.20 0.84 -6.44	59.53 0.94 -6.64	67.67 1.13 -3.64	71.62 1.11 -1.03	57.57 0.95 -0.53	45.10 0.71 -0.15	36.44 0.47 0.00
GOVANUS_GT1_1 24077	34.98 1.14 -21.45	32.15 1.16 -18.37	32.02 0.93 -20.53	32.02 1.00 -19.74	32.74 1.07 -19.68	35.64 1.87 -13.00	43.56 2.76 -9.73	43.94 3.35 -5.75	38.02 2.73 -8.51	33.51 2.34 -10.13	32.36 2.49 -8.61	34.23 2.43 -10.68	37.09 2.38 -14.49	38.24 2.88 -11.95	39.88 3.22 -10.44	49.48 3.55 -17.26	53.40 4.43 -13.52	55.88 4.95 -11.01	68.20 6.18 -10.06	75.25 7.30 -5.06	76.91 7.43 -0.01	62.05 5.95 -0.01	48.76 4.51 -0.01	39.40 3.42 -0.01
GOVANUS_GT1_2 24078	34.98 1.14 -21.45	32.15 1.16 -18.37	32.02 0.93 -20.53	32.02 1.00 -19.74	32.74 1.07 -19.68	35.64 1.87 -13.00	43.56 2.76 -9.73	43.94 3.35 -5.75	38.02 2.73 -8.51	33.51 2.34 -10.13	32.36 2.49 -8.61	34.23 2.43 -10.68	37.09 2.38 -14.49	38.24 2.88 -11.95	39.88 3.22 -10.44	49.48 3.55 -17.26	53.40 4.43 -13.52	55.88 4.95 -11.01	68.20 6.18 -10.06	75.25 7.30 -5.06	76.91 7.43 -0.01	62.05 5.95 -0.01	48.76 4.51 -0.01	39.40 3.42 -0.01
GOVANUS_GT1_3 24079	34.98 1.14 -21.45	32.15 1.16 -18.37	32.02 0.93 -20.53	32.02 1.00 -19.74	32.74 1.07 -19.68	35.64 1.87 -13.00	43.56 2.76 -9.73	43.94 3.35 -5.75	38.02 2.73 -8.51	33.51 2.34 -10.13	32.36 2.49 -8.61	34.23 2.43 -10.68	37.09 2.38 -14.49	38.24 2.88 -11.95	39.88 3.22 -10.44	49.48 3.55 -17.26	53.40 4.43 -13.52	55.88 4.95 -11.01	68.20 6.18 -10.06	75.25 7.30 -5.06	76.91 7.43 -0.01	62.05 5.95 -0.01	48.76 4.51 -0.01	39.40 3.42 -0.01
GOVANUS_GT1_4 24080	34.98 1.14 -21.45	32.15 1.16 -18.37	32.02 0.93 -20.53	32.02 1.00 -19.74	32.74 1.07 -19.68	35.64 1.87 -13.00	43.56 2.76 -9.73	43.94 3.35 -5.75	38.02 2.73 -8.51	33.51 2.34 -10.13	32.36 2.49 -8.61	34.23 2.43 -10.68	37.09 2.38 -14.49	38.24 2.88 -11.95	39.88 3.22 -10.44	49.48 3.55 -17.26	53.40 4.43 -13.52	55.88 4.95 -11.01	68.20 6.18 -10.06	75.25 7.30 -5.06	76.91 7.43 -0.01	62.05 5.95 -0.01	48.76 4.51 -0.01	39.40 3.42 -0.01
GOVANUS_GT1_5 24084	34.98 1.14 -21.45	32.15 1.16 -18.37	32.02 0.93 -20.53	32.02 1.00 -19.74	32.74 1.07 -19.68	35.64 1.87 -13.00	43.56 2.76 -9.73	43.94 3.35 -5.75	38.02 2.73 -8.51	33.51 2.34 -10.13	32.36 2.49 -8.61	34.23 2.43 -10.68	37.09 2.38 -14.49	38.24 2.88 -11.95	39.88 3.22 -10.44	49.48 3.55 -17.26	53.40 4.43 -13.52	55.88 4.95 -11.01	68.20 6.18 -10.06	75.25 7.30 -5.06	76.91 7.43 -0.01	62.05 5.95 -0.01	48.76 4.51 -0.01	39.40 3.42 -0.01
GOVANUS_GT1_6 24111	34.98 1.14 -21.45	32.15 1.16 -18.37	32.02 0.93 -20.53	32.02 1.00 -19.74	32.74 1.07 -19.68	35.64 1.87 -13.00	43.56 2.76 -9.73	43.94 3.35 -5.75	38.02 2.73 -8.51	33.51 2.34 -10.13	32.36 2.49 -8.61	34.23 2.43 -10.68	37.09 2.38 -14.49	38.24 2.88 -11.95	39.88 3.22 -10.44	49.48 3.55 -17.26	53.40 4.43 -13.52	55.88 4.95 -11.01	68.20 6.18 -10.06	75.25 7.30 -5.06	76.91 7.43 -0.01	62.05 5.95 -0.01	48.76 4.51 -0.01	39.40 3.42 -0.01
GOVANUS_GT1_7 24112	34.98 1.14 -21.45	32.15 1.16 -18.37	32.02 0.93 -20.53	32.02 1.00 -19.74	32.74 1.07 -19.68	35.64 1.87 -13.00	43.56 2.76 -9.73	43.94 3.35 -5.75	38.02 2.73 -8.51	33.51 2.34 -10.13	32.36 2.49 -8.61	34.23 2.43 -10.68	37.09 2.38 -14.49	38.24 2.88 -11.95	39.88 3.22 -10.44	49.48 3.55 -17.26	53.40 4.43 -13.52	55.88 4.95 -11.01	68.20 6.18 -10.06	75.25 7.30 -5.06	76.91 7.43 -0.01	62.05 5.95 -0.01	48.76 4.51 -0.01	39.40 3.42 -0.01
GOVANUS_GT1_8 24113	34.98 1.14 -21.45	32.15 1.16 -18.37	32.02 0.93 -20.53	32.02 1.00 -19.74	32.74 1.07 -19.68	35.64 1.87 -13.00	43.56 2.76 -9.73	43.94 3.35 -5.75	38.02 2.73 -8.51	33.51 2.34 -10.13	32.36 2.49 -8.61	34.23 2.43 -10.68	37.09 2.38 -14.49	38.24 2.88 -11.95	39.88 3.22 -10.44	49.48 3.55 -17.26	53.40 4.43 -13.52	55.88 4.95 -11.01	68.20 6.18 -10.06	75.25 7.30 -5.06	76.91 7.43 -0.01	62.05 5.95 -0.01	48.76 4.51 -0.01	39.40 3.42 -0.01
GOVANUS_GT2_1 24114	34.98 1.14 -21.45	32.15 1.16 -18.37	32.02 0.93 -20.53	32.02 1.00 -19.74	32.74 1.07 -19.68	35.64 1.87 -13.00	43.52 2.76 -9.69	43.95 3.35 -5.75	38.02 2.73 -8.51	33.52 2.34 -10.14	32.36 2.49 -8.61	34.22 2.43 -10.68	37.08 2.38 -14.49	38.24 2.88 -11.95	39.88 3.22 -10.44	49.53 3.61 -17.26	53.55 4.57 -13.53	56.05 5.11 -11.02	68.44 6.39 -10.10	75.52 7.54 -5.08	77.19 7.71 -0.01	62.21 6.11 -0.01	48.94 4.69 -0.01	39.44 3.45 -0.01
GOVANUS_GT2_2 24115	34.98 1.14 -21.45	32.15 1.16 -18.37	32.02 0.93 -20.53	32.02 1.00 -19.74	32.74 1.07 -19.68	35.64 1.87 -13.00	43.52 2.76 -9.69	43.95 3.35 -5.75	38.02 2.73 -8.51	33.52 2.34 -10.14	32.36 2.49 -8.61	34.22 2.43 -10.68	37.08 2.38 -14.49	38.24 2.88 -11.95	39.88 3.22 -10.44	49.53 3.61 -17.26	53.55 4.57 -13.53	56.05 5.11 -11.02	68.44 6.39 -10.10	75.52 7.54 -5.08	77.19 7.71 -0.01	62.21 6.11 -0.01	48.94 4.69 -0.01	39.44 3.45 -0.01
GOVANUS_GT2_3 24116	34.98 1.14 -21.45	32.15 1.16 -18.37	32.02 0.93 -20.53	32.02 1.00 -19.74	32.74 1.07 -19.68	35.64 1.87 -13.00	43.52 2.76 -9.69	43.95 3.35 -5.75	38.02 2.73 -8.51	33.52 2.34 -10.14	32.36 2.49 -8.61	34.22 2.43 -10.68	37.08 2.38 -14.49	38.24 2.88 -11.95	39.88 3.22 -10.44	49.53 3.61 -17.26	53.55 4.57 -13.53	56.05 5.11 -11.02	68.44 6.39 -10.10	75.52 7.54 -5.08	77.19 7.71 -0.01	62.21 6.11 -0.01	48.94 4.69 -0.01	39.44 3.45 -0.01
GOVANUS_GT2_4 24117	34.98 1.14 -21.45	32.15 1.16 -18.37	32.02 0.93 -20.53	32.02 1.00 -19.74	32.74 1.07 -19.68	35.64 1.87 -13.00	43.52 2.76 -9.69	43.95 3.35 -5.75	38.02 2.73 -8.51	33.52 2.34 -10.14	32.36 2.49 -8.61	34.22 2.43 -10.68	37.08 2.38 -14.49	38.24 2.88 -11.95	39.88 3.22 -10.44	49.53 3.61 -17.26	53.55 4.57 -13.53	56.05 5.11 -11.02	68.44 6.39 -10.10	75.52 7.54 -5.08	77.19 7.71 -0.01	62.21 6.11 -0.01	48.94 4.69 -0.01	39.44 3.45 -0.01

24118	34.98	32.15	32.02	32.02	32.74	35.64	43.52	43.95	38.02	33.52	32.36	34.22	37.08	38.24	39.88	49.53	53.55	56.05	68.44	75.52	77.19	62.21	48.94	39.44
	1.14	1.16	0.93	1.00	1.07	1.87	2.76	3.35	2.73	2.34	2.49	2.43	2.38	2.88	3.22	3.61	4.57	5.11	6.39	7.54	7.71	6.11	4.69	3.45
	-21.45	-18.37	-20.53	-19.74	-19.68	-13.00	-9.69	-5.75	-8.51	-10.14	-8.61	-10.68	-14.49	-11.95	-10.44	-17.26	-13.53	-11.02	-10.10	-5.08	-0.01	-0.01	-0.01	-0.01
GOWANUS_GT2_6 24119	34.98	32.15	32.02	32.02	32.74	35.64	43.52	43.95	38.02	33.52	32.36	34.22	37.08	38.24	39.88	49.53	53.55	56.05	68.44	75.52	77.19	62.21	48.94	39.44
	1.14	1.16	0.93	1.00	1.07	1.87	2.76	3.35	2.73	2.34	2.49	2.43	2.38	2.88	3.22	3.61	4.57	5.11	6.39	7.54	7.71	6.11	4.69	3.45
	-21.45	-18.37	-20.53	-19.74	-19.68	-13.00	-9.69	-5.75	-8.51	-10.14	-8.61	-10.68	-14.49	-11.95	-10.44	-17.26	-13.53	-11.02	-10.10	-5.08	-0.01	-0.01	-0.01	-0.01
GOWANUS_GT2_7 24120	34.98	32.15	32.02	32.02	32.74	35.64	43.52	43.95	38.02	33.52	32.36	34.22	37.08	38.24	39.88	49.53	53.55	56.05	68.44	75.52	77.19	62.21	48.94	39.44
	1.14	1.16	0.93	1.00	1.07	1.87	2.76	3.35	2.73	2.34	2.49	2.43	2.38	2.88	3.22	3.61	4.57	5.11	6.39	7.54	7.71	6.11	4.69	3.45
	-21.45	-18.37	-20.53	-19.74	-19.68	-13.00	-9.69	-5.75	-8.51	-10.14	-8.61	-10.68	-14.49	-11.95	-10.44	-17.26	-13.53	-11.02	-10.10	-5.08	-0.01	-0.01	-0.01	-0.01
GOWANUS_GT2_8 24121	34.98	32.15	32.02	32.02	32.74	35.64	43.52	43.95	38.02	33.52	32.36	34.22	37.08	38.24	39.88	49.53	53.55	56.05	68.44	75.52	77.19	62.21	48.94	39.44
	1.14	1.16	0.93	1.00	1.07	1.87	2.76	3.35	2.73	2.34	2.49	2.43	2.38	2.88	3.22	3.61	4.57	5.11	6.39	7.54	7.71	6.11	4.69	3.45
	-21.45	-18.37	-20.53	-19.74	-19.68	-13.00	-9.69	-5.75	-8.51	-10.14	-8.61	-10.68	-14.49	-11.95	-10.44	-17.26	-13.53	-11.02	-10.10	-5.08	-0.01	-0.01	-0.01	-0.01
GOWANUS_GT3_1 24122	34.98	32.15	32.02	32.02	32.74	35.64	43.52	43.95	38.02	33.52	32.36	34.22	37.08	38.24	39.88	49.53	53.55	56.05	68.44	75.52	77.19	62.21	48.94	39.44
	1.14	1.16	0.93	1.00	1.07	1.87	2.76	3.35	2.73	2.34	2.49	2.43	2.38	2.88	3.22	3.61	4.57	5.11	6.39	7.54	7.71	6.11	4.69	3.45
	-21.45	-18.37	-20.53	-19.74	-19.68	-13.00	-9.69	-5.75	-8.51	-10.14	-8.61	-10.68	-14.49	-11.95	-10.44	-17.26	-13.53	-11.02	-10.10	-5.08	-0.01	-0.01	-0.01	-0.01
GOWANUS_GT3_2 24123	34.98	32.15	32.02	32.02	32.74	35.64	43.52	43.95	38.02	33.52	32.36	34.22	37.08	38.24	39.88	49.53	53.55	56.05	68.44	75.52	77.19	62.21	48.94	39.44
	1.14	1.16	0.93	1.00	1.07	1.87	2.76	3.35	2.73	2.34	2.49	2.43	2.38	2.88	3.22	3.61	4.57	5.11	6.39	7.54	7.71	6.11	4.69	3.45
	-21.45	-18.37	-20.53	-19.74	-19.68	-13.00	-9.69	-5.75	-8.51	-10.14	-8.61	-10.68	-14.49	-11.95	-10.44	-17.26	-13.53	-11.02	-10.10	-5.08	-0.01	-0.01	-0.01	-0.01
GOWANUS_GT3_3 24124	34.98	32.15	32.02	32.02	32.74	35.64	43.52	43.95	38.02	33.52	32.36	34.22	37.08	38.24	39.88	49.53	53.55	56.05	68.44	75.52	77.19	62.21	48.94	39.44
	1.14	1.16	0.93	1.00	1.07	1.87	2.76	3.35	2.73	2.34	2.49	2.43	2.38	2.88	3.22	3.61	4.57	5.11	6.39	7.54	7.71	6.11	4.69	3.45
	-21.45	-18.37	-20.53	-19.74	-19.68	-13.00	-9.69	-5.75	-8.51	-10.14	-8.61	-10.68	-14.49	-11.95	-10.44	-17.26	-13.53	-11.02	-10.10	-5.08	-0.01	-0.01	-0.01	-0.01
GOWANUS_GT3_4 24125	34.98	32.15	32.02	32.02	32.74	35.64	43.52	43.95	38.02	33.52	32.36	34.22	37.08	38.24	39.88	49.53	53.55	56.05	68.44	75.52	77.19	62.21	48.94	39.44
	1.14	1.16	0.93	1.00	1.07	1.87	2.76	3.35	2.73	2.34	2.49	2.43	2.38	2.88	3.22	3.61	4.57	5.11	6.39	7.54	7.71	6.11	4.69	3.45
	-21.45	-18.37	-20.53	-19.74	-19.68	-13.00	-9.69	-5.75	-8.51	-10.14	-8.61	-10.68	-14.49	-11.95	-10.44	-17.26	-13.53	-11.02	-10.10	-5.08	-0.01	-0.01	-0.01	-0.01
GOWANUS_GT3_5 24126	34.98	32.15	32.02	32.02	32.74	35.64	43.52	43.95	38.02	33.52	32.36	34.22	37.08	38.24	39.88	49.53	53.55	56.05	68.44	75.52	77.19	62.21	48.94	39.44
	1.14	1.16	0.93	1.00	1.07	1.87	2.76	3.35	2.73	2.34	2.49	2.43	2.38	2.88	3.22	3.61	4.57	5.11	6.39	7.54	7.71	6.11	4.69	3.45
	-21.45	-18.37	-20.53	-19.74	-19.68	-13.00	-9.69	-5.75	-8.51	-10.14	-8.61	-10.68	-14.49	-11.95	-10.44	-17.26	-13.53	-11.02	-10.10	-5.08	-0.01	-0.01	-0.01	-0.01
GOWANUS_GT3_6 24127	34.98	32.15	32.02	32.02	32.74	35.64	43.52	43.95	38.02	33.52	32.36	34.22	37.08	38.24	39.88	49.53	53.55	56.05	68.44	75.52	77.19	62.21	48.94	39.44
	1.14	1.16	0.93	1.00	1.07	1.87	2.76	3.35	2.73	2.34	2.49	2.43	2.38	2.88	3.22	3.61	4.57	5.11	6.39	7.54	7.71	6.11	4.69	3.45
	-21.45	-18.37	-20.53	-19.74	-19.68	-13.00	-9.69	-5.75	-8.51	-10.14	-8.61	-10.68	-14.49	-11.95	-10.44	-17.26	-13.53	-11.02	-10.10	-5.08	-0.01	-0.01	-0.01	-0.01
GOWANUS_GT3_7 24128	34.98	32.15	32.02	32.02	32.74	35.64	43.52	43.95	38.02	33.52	32.36	34.22	37.08	38.24	39.88	49.53	53.55	56.05	68.44	75.52	77.19	62.21	48.94	39.44
	1.14	1.16	0.93	1.00	1.07	1.87	2.76	3.35	2.73	2.34	2.49	2.43	2.38	2.88	3.22	3.61	4.57	5.11	6.39	7.54	7.71	6.11	4.69	3.45
	-21.45	-18.37	-20.53	-19.74	-19.68	-13.00	-9.69	-5.75	-8.51	-10.14	-8.61	-10.68	-14.49	-11.95	-10.44	-17.26	-13.53	-11.02	-10.10	-5.08	-0.01	-0.01	-0.01	-0.01
GOWANUS_GT3_8 24129	34.98	32.15	32.02	32.02	32.74	35.64	43.52	43.95	38.02	33.52	32.36	34.22	37.08	38.24	39.88	49.53	53.55	56.05	68.44	75.52	77.19	62.21	48.94	39.44
	1.14	1.16	0.93	1.00	1.07	1.87	2.76	3.35	2.73	2.34	2.49	2.43	2.38	2.88	3.22	3.61	4.57	5.11	6.39	7.54	7.71	6.11	4.69	3.45
	-21.45	-18.37	-20.53	-19.74	-19.68	-13.00	-9.69	-5.75	-8.51	-10.14	-8.61	-10.68	-14.49	-11.95	-10.44	-17.26	-13.53	-11.02	-10.10	-5.08	-0.01	-0.01	-0.01	-0.01
GOWANUS_GT4_1 24130	34.98	32.15	32.02	32.02	32.74	35.64	43.56	43.94	38.02	33.51	32.36	34.23	37.09	38.24	39.88	49.48	53.40	55.88	68.20	75.25	76.91	62.05	48.76	39.40
	1.14	1.16	0.93	1.00	1.07	1.87	2.76	3.35	2.73	2.34	2.49	2.43	2.38	2.88	3.22	3.55	4.43	4.95	6.18	7.30	7.43	5.95	4.51	3.42
	-21.45	-18.37	-20.53	-19.74	-19.68	-13.00	-9.73	-5.75	-8.51	-10.13	-8.61	-10.68	-14.49	-11.95	-10.44	-17.26	-13.52	-11.01	-10.06	-5.06	-0.01	-0.01	-0.01	-0.01
GOWANUS_GT4_2 24131	34.98	32.15	32.02	32.02	32.74	35.64	43.56	43.94	38.02	33.51	32.36	34.23	37.09	38.24	39.88	49.48	53.40	55.88	68.20	75.25	76.91	62.05	48.76	39.40
	1.14	1.16	0.93	1.00	1.07	1.87	2.76	3.35	2.73	2.34	2.49	2.43	2.38	2.88	3.22	3.55	4.43	4.95	6.18	7.30	7.43	5.95	4.51	3.42
	-21.45	-18.37	-20.53	-19.74	-19.68	-13.00	-9.73	-5.75	-8.51	-10.13	-8.61	-10.68	-14.49	-11.95	-10.44	-17.26	-13.52	-11.01	-10.06	-5.06	-0.01	-0.01	-0.01	-0.01
GOWANUS_GT4_3 24132	34.98	32.15	32.02	32.02	32.74	35.64	43.56	43.94	38.02	33.51	32.36	34.23	37.09	38.24	39.88	49.48	53.40	55.88	68.20	75.25	76.91	62.05	48.76	39.40
	1.14	1.16	0.93	1.00	1.07	1.87	2.76	3.35	2.73	2.34	2.49	2.43	2.38	2.88	3.22	3.55	4.43	4.95	6.18	7.30	7.43	5.95	4.51	3.42
	-21.45	-18.37	-20.53	-19.74	-19.68	-13.00	-9.73	-5.75	-8.51	-10.13	-8.61	-10.68	-14.49	-11.95	-10.44	-17.26	-13.52	-11.01	-10.06	-5.06	-0.01	-0.01	-0.01	-0.01

GOWANUS_GT4_4 24133	34.98 1.14 -21.45	32.15 1.16 -18.37	32.02 0.93 -20.53	32.02 1.00 -19.74	32.74 1.07 -19.68	35.64 1.87 -13.00	43.56 2.76 -9.73	43.94 3.35 -5.75	38.02 2.73 -8.51	33.51 2.34 -10.13	32.36 2.49 -8.61	34.23 2.43 -10.68	37.09 2.38 -14.49	38.24 2.88 -11.95	39.88 3.22 -10.44	49.48 3.55 -17.26	53.40 4.43 -13.52	55.88 4.95 -11.01	68.20 6.18 -10.06	75.25 7.30 -5.06	76.91 7.43 -0.01	62.05 5.95 -0.01	48.76 4.51 -0.01	39.40 3.42 -0.01
GOWANUS_GT4_5 24134	34.98 1.14 -21.45	32.15 1.16 -18.37	32.02 0.93 -20.53	32.02 1.00 -19.74	32.74 1.07 -19.68	35.64 1.87 -13.00	43.56 2.76 -9.73	43.94 3.35 -5.75	38.02 2.73 -8.51	33.51 2.34 -10.13	32.36 2.49 -8.61	34.23 2.43 -10.68	37.09 2.38 -14.49	38.24 2.88 -11.95	39.88 3.22 -10.44	49.48 3.55 -17.26	53.40 4.43 -13.52	55.88 4.95 -11.01	68.20 6.18 -10.06	75.25 7.30 -5.06	76.91 7.43 -0.01	62.05 5.95 -0.01	48.76 4.51 -0.01	39.40 3.42 -0.01
GOWANUS_GT4_6 24135	34.98 1.14 -21.45	32.15 1.16 -18.37	32.02 0.93 -20.53	32.02 1.00 -19.74	32.74 1.07 -19.68	35.64 1.87 -13.00	43.56 2.76 -9.73	43.94 3.35 -5.75	38.02 2.73 -8.51	33.51 2.34 -10.13	32.36 2.49 -8.61	34.23 2.43 -10.68	37.09 2.38 -14.49	38.24 2.88 -11.95	39.88 3.22 -10.44	49.48 3.55 -17.26	53.40 4.43 -13.52	55.88 4.95 -11.01	68.20 6.18 -10.06	75.25 7.30 -5.06	76.91 7.43 -0.01	62.05 5.95 -0.01	48.76 4.51 -0.01	39.40 3.42 -0.01
GOWANUS_GT4_7 24136	34.98 1.14 -21.45	32.15 1.16 -18.37	32.02 0.93 -20.53	32.02 1.00 -19.74	32.74 1.07 -19.68	35.64 1.87 -13.00	43.56 2.76 -9.73	43.94 3.35 -5.75	38.02 2.73 -8.51	33.51 2.34 -10.13	32.36 2.49 -8.61	34.23 2.43 -10.68	37.09 2.38 -14.49	38.24 2.88 -11.95	39.88 3.22 -10.44	49.48 3.55 -17.26	53.40 4.43 -13.52	55.88 4.95 -11.01	68.20 6.18 -10.06	75.25 7.30 -5.06	76.91 7.43 -0.01	62.05 5.95 -0.01	48.76 4.51 -0.01	39.40 3.42 -0.01
GOWANUS_GT4_8 24137	34.98 1.14 -21.45	32.15 1.16 -18.37	32.02 0.93 -20.53	32.02 1.00 -19.74	32.74 1.07 -19.68	35.64 1.87 -13.00	43.56 2.76 -9.73	43.94 3.35 -5.75	38.02 2.73 -8.51	33.51 2.34 -10.13	32.36 2.49 -8.61	34.23 2.43 -10.68	37.09 2.38 -14.49	38.24 2.88 -11.95	39.88 3.22 -10.44	49.48 3.55 -17.26	53.40 4.43 -13.52	55.88 4.95 -11.01	68.20 6.18 -10.06	75.25 7.30 -5.06	76.91 7.43 -0.01	62.05 5.95 -0.01	48.76 4.51 -0.01	39.40 3.42 -0.01
GREENBSH_115KV_TB3 55895	37.26 0.36 -24.51	34.00 0.39 -20.99	34.32 0.31 -23.46	34.15 0.33 -22.56	34.83 0.34 -22.50	36.23 0.60 -14.85	43.09 0.90 -11.13	42.40 0.98 -6.57	37.28 0.78 -9.73	33.23 0.61 -11.57	31.68 0.60 -9.83	33.92 0.61 -12.19	37.30 0.55 -16.55	37.67 0.63 -13.63	38.80 0.68 -11.91	49.11 0.75 -19.71	51.64 0.96 -15.24	53.53 1.20 -12.41	64.60 1.56 -11.09	70.49 1.95 -5.65	71.42 1.95 0.00	57.66 1.57 0.00	45.48 1.24 0.00	37.02 1.04 0.00
GREENDGE_115KV_TB5 80291	13.62 -0.38 -1.61	13.60 -0.39 -1.38	11.78 -0.34 -1.56	12.41 -0.36 -1.50	13.10 -0.40 -1.50	21.13 -0.62 -0.98	31.01 -0.81 -0.76	34.12 -1.15 -0.42	26.55 -0.86 -0.64	20.99 -0.80 -0.74	20.99 -0.89 -0.63	20.95 -0.95 -0.78	22.20 -0.87 -2.86	23.28 -1.01 -0.88	25.88 -1.10 -0.76	28.94 -0.97 -1.26	33.60 -1.21 0.65	38.45 -0.92 0.55	50.50 -1.45 0.00	61.67 -2.14 -0.92	68.65 -1.53 -0.70	55.06 -1.35 -0.32	43.29 -1.02 -0.06	35.07 -0.90 0.00
GREENIDGE___3 23582	13.62 -0.38 -1.61	13.60 -0.39 -1.38	11.78 -0.34 -1.56	12.41 -0.36 -1.50	13.10 -0.40 -1.50	21.13 -0.62 -0.98	31.01 -0.81 -0.76	34.12 -1.15 -0.42	26.55 -0.86 -0.64	20.99 -0.80 -0.74	20.99 -0.89 -0.63	20.95 -0.95 -0.78	22.20 -0.87 -2.86	23.28 -1.01 -0.88	25.88 -1.10 -0.76	28.94 -0.97 -1.26	33.60 -1.21 0.65	38.45 -0.92 0.55	50.50 -1.45 0.00	61.67 -2.14 -0.92	68.65 -1.53 -0.70	55.06 -1.35 -0.32	43.29 -1.02 -0.06	35.07 -0.90 0.00
GREENIDGE___4 23583	13.62 -0.38 -1.61	13.60 -0.39 -1.38	11.78 -0.34 -1.56	12.41 -0.36 -1.50	13.10 -0.40 -1.50	21.13 -0.62 -0.98	30.98 -0.81 -0.72	34.12 -1.15 -0.42	26.54 -0.86 -0.63	21.00 -0.80 -0.76	21.01 -0.89 -0.64	20.97 -0.95 -0.80	22.21 -0.87 -2.87	23.30 -1.01 -0.90	25.90 -1.10 -0.78	28.99 -0.97 -1.30	33.65 -1.17 0.63	38.52 -0.88 0.52	50.64 -1.35 -0.03	61.69 -2.14 -0.93	68.58 -1.60 -0.70	55.12 -1.29 -0.32	43.33 -0.97 -0.06	35.00 -0.97 0.00
GREENLWN_69_KV_BK 3 55738	49.15 1.11 -35.65	42.31 1.14 -28.56	44.71 0.92 -33.23	31.91 0.90 -19.73	32.66 0.98 -19.68	35.68 1.91 -13.00	43.76 2.95 -9.74	44.09 3.48 -5.76	37.99 2.70 -8.51	33.30 2.13 -10.13	32.16 2.30 -8.61	34.03 2.24 -10.68	36.98 2.28 -14.49	38.04 2.69 -11.94	39.66 3.01 -10.43	48.98 3.07 -17.25	52.12 3.16 -13.51	54.02 3.11 -10.99	59.71 3.74 -4.01	69.22 4.40 -1.93	65.85 4.31 7.93	59.74 3.65 0.00	48.50 4.25 -0.01	39.26 3.27 -0.01
GREENWD_138_KV_38B11_REV_LBMP_J 345004	34.98 1.14 -21.45	32.15 1.16 -18.37	32.02 0.93 -20.53	32.02 1.00 -19.74	32.74 1.07 -19.68	35.64 1.87 -13.00	43.56 2.76 -9.73	43.94 3.35 -5.75	38.02 2.73 -8.51	33.51 2.34 -10.13	32.36 2.49 -8.61	34.23 2.43 -10.68	37.09 2.38 -14.49	38.24 2.88 -11.95	39.88 3.22 -10.44	49.48 3.55 -17.26	53.40 4.43 -13.52	55.88 4.95 -11.01	68.20 6.18 -10.06	75.25 7.30 -5.06	76.91 7.43 -0.01	62.05 5.95 -0.01	48.76 4.51 -0.01	39.40 3.42 -0.01
GRISSOM___SOLAR 323813	39.79 0.76 -26.65	36.22 0.78 -22.82	36.70 0.64 -25.50	36.47 0.68 -24.52	37.18 0.73 -24.46	38.21 1.29 -16.15	44.97 1.99 -11.92	43.84 1.92 -7.07	38.18 0.94 -10.47	33.94 0.44 -12.45	32.09 0.26 -10.58	34.43 0.19 -13.12	38.12 0.18 -17.73	38.36 0.28 -14.67	39.39 0.37 -12.81	50.52 0.66 -21.20	53.02 1.21 -16.36	55.29 2.03 -13.33	67.64 3.28 -12.41	73.75 4.59 -6.26	74.41 4.93 0.00	60.02 3.93 0.00	47.16 2.92 0.00	38.31 2.34 0.00
GROVEVILLE___HYD 323602	35.24 0.98 -21.88	32.33 0.97 -18.74	32.30 0.80 -20.94	32.26 0.86 -20.13	32.97 0.90 -20.08	35.65 1.62 -13.26	43.48 2.49 -9.93	43.63 2.93 -5.86	37.69 2.25 -8.67	33.19 1.83 -10.32	31.95 1.93 -8.76	33.87 1.88 -10.87	36.84 1.88 -14.75	37.81 2.25 -12.15	39.37 2.54 -10.61	49.09 2.87 -17.56	52.83 3.65 -13.73	55.38 4.27 -11.19	67.62 5.46 -10.21	74.64 6.60 -5.14	76.35 6.88 0.00	61.48 5.38 0.00	48.31 4.07 0.00	38.99 3.02 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	14.46 0.01 -2.06	14.39 0.01 -1.76	12.53 0.00 -1.97	13.16 -0.01 -1.90	13.88 0.00 -1.89	22.02 0.00 -1.25	32.03 0.03 -0.94	35.43 0.03 -0.55	27.66 0.08 -0.81	22.07 0.04 -0.99	22.11 0.02 -0.84	22.18 0.02 -1.04	21.77 0.06 -1.50	24.64 0.07 -1.16	27.31 0.08 -1.01	30.46 0.11 -1.68	36.27 0.00 -0.81	40.62 -0.04 -0.74	54.55 -0.21 -2.80	66.38 -0.13 -3.61	72.31 -0.07 -2.91	57.34 -0.17 -1.42	44.47 -0.13 -0.36	35.79 -0.18 0.00
HAMLTNNY_34_KV_TB 80303	14.46 -0.01 -2.08	14.40 0.00 -1.78	12.53 -0.02 -2.00	13.17 -0.02 -1.92	13.87 -0.04 -1.92	22.02 -0.02 -1.26	32.01 0.00 -0.95	35.40 0.00 -0.55	27.62 0.03 -0.82	22.04 0.00 -1.00	22.08 -0.02 -0.85	22.15 -0.02 -1.05	21.78 0.02 -1.55	24.58 0.00 -1.17	27.24 0.00 -1.02	30.39 0.03 -1.69	36.13 -0.11 -0.78	40.51 -0.12 -0.71	54.33 -0.31 -2.68	66.12 -0.25 -3.48	72.12 -0.14 -2.79	57.22 -0.22 -1.36	44.41 -0.18 -0.35	35.76 -0.22 0.00

HAMPSHIRE___PAPER_HYD 323593	12.50 -0.62 -0.73	12.56 -0.68 -0.63	10.71 -0.55 -0.70	11.36 -0.59 -0.68	12.13 -0.54 -0.67	20.31 -0.91 -0.44	29.97 -1.43 -0.33	33.41 -1.64 -0.20	25.51 -1.55 -0.29	20.09 -1.30 -0.35	20.34 -1.21 -0.30	20.31 -1.18 -0.37	19.52 -1.19 -0.50	22.49 -1.33 -0.41	25.06 -1.52 -0.36	27.66 -1.60 -0.60	33.85 -2.06 -0.45	38.40 -1.92 -0.40	51.82 -1.30 -1.16	62.50 -1.76 -1.37	69.09 -1.46 -1.08	55.72 -0.90 -0.53	43.85 -0.53 -0.14	35.36 -0.61 0.00
HARDSCRABBLE_WT_PWR 323673	12.15 -0.24 0.00	12.37 -0.25 0.00	10.36 -0.20 0.00	11.07 -0.20 0.00	11.80 -0.19 0.00	20.48 -0.29 0.00	30.66 -0.40 0.00	34.36 -0.49 0.00	26.29 -0.48 0.00	20.64 -0.40 0.00	20.77 -0.49 0.00	20.55 -0.57 0.00	19.48 -0.73 0.00	22.54 -0.87 0.00	25.30 -0.92 0.00	27.69 -0.97 0.00	34.35 -1.10 0.00	38.80 -1.12 0.00	50.81 -1.14 0.00	61.57 -1.32 0.00	68.22 -1.25 0.00	55.31 -0.79 0.00	43.84 -0.40 0.00	35.61 -0.36 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	34.18 0.89 -20.90	31.40 0.88 -17.90	31.28 0.73 -20.00	31.28 0.78 -19.23	31.99 0.82 -19.18	34.91 1.48 -12.66	42.85 2.30 -9.48	43.16 2.72 -5.60	37.17 2.11 -8.29	32.67 1.77 -9.86	31.50 1.87 -8.38	33.32 1.82 -10.39	36.04 1.80 -14.03	37.20 2.18 -11.61	38.82 2.46 -10.14	48.20 2.75 -16.79	51.97 3.44 -13.08	54.53 3.95 -10.66	66.68 4.99 -9.74	73.82 6.04 -4.89	75.66 6.18 0.00	60.92 4.82 0.00	47.92 3.67 0.00	38.67 2.70 0.00
HARSNRAD_115KV_TB1 81005	12.78 -1.10 -1.50	12.94 -0.96 -1.28	11.19 -0.81 -1.44	11.78 -0.88 -1.39	12.30 -1.08 -1.38	19.79 -1.89 -0.91	28.62 -3.14 -0.70	31.76 -3.48 -0.39	24.82 -2.54 -0.59	19.78 -1.96 -0.69	19.76 -2.08 -0.58	19.78 -2.07 -0.73	19.73 -1.96 -1.48	21.90 -2.32 -0.81	24.20 -2.73 -0.71	26.80 -3.04 -1.17	31.85 -3.69 -0.08	35.61 -4.35 -0.04	45.96 -6.03 -0.04	56.28 -6.86 -0.24	62.66 -6.81 0.00	50.13 -5.95 0.02	39.93 -4.29 0.02	32.92 -3.06 0.00
HARZA MOOSE___RIVER 24016	13.17 -0.20 -0.98	13.22 -0.24 -0.84	11.30 -0.20 -0.94	11.97 -0.20 -0.90	12.71 -0.18 -0.90	21.08 -0.29 -0.59	31.08 -0.43 -0.45	34.62 -0.49 -0.26	26.52 -0.64 -0.39	20.93 -0.59 -0.47	21.06 -0.60 -0.40	21.06 -0.55 -0.49	20.32 -0.57 -0.67	23.38 -0.59 -0.55	26.07 -0.63 -0.48	28.83 -0.63 -0.80	35.35 -0.71 -0.60	40.12 -0.32 -0.52	54.10 0.88 -1.27	65.32 1.01 -1.42	71.94 1.39 -1.07	57.91 1.29 -0.52	45.44 1.06 -0.13	36.48 0.50 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	14.49 -0.04 -2.14	14.41 -0.04 -1.83	12.56 -0.04 -2.05	13.18 -0.06 -1.97	13.90 -0.06 -1.96	21.99 -0.08 -1.30	31.94 -0.09 -0.97	35.31 -0.10 -0.57	27.59 -0.03 -0.84	22.02 -0.04 -1.02	22.08 -0.04 -0.87	22.15 -0.04 -1.07	21.65 -0.02 -1.46	24.59 -0.02 -1.20	27.24 -0.03 -1.05	30.37 -0.03 -1.73	36.11 -0.18 -0.84	40.41 -0.24 -0.73	53.50 -0.47 -2.01	64.88 -0.44 -2.42	70.90 -0.42 -1.84	56.54 -0.45 -0.90	44.07 -0.40 -0.23	35.61 -0.36 0.00
HELLGATE_13_KV_LD 55870	34.96 1.13 -21.45	32.14 1.15 -18.37	32.02 0.93 -20.53	32.02 1.00 -19.74	32.73 1.06 -19.68	35.62 1.85 -13.00	43.53 2.73 -9.73	43.91 3.31 -5.75	38.02 2.73 -8.51	33.53 2.36 -10.13	32.34 2.47 -8.61	34.23 2.43 -10.68	37.07 2.36 -14.49	38.18 2.83 -11.94	39.79 3.15 -10.43	49.41 3.50 -17.25	53.33 4.36 -13.51	55.79 4.87 -11.01	68.08 6.08 -10.05	75.12 7.17 -5.05	76.77 7.29 0.00	61.87 5.78 0.00	48.67 4.42 0.00	39.28 3.31 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	34.96 1.13 -21.45	32.14 1.15 -18.37	32.02 0.93 -20.53	32.02 1.00 -19.74	32.73 1.06 -19.68	35.62 1.85 -13.00	43.53 2.73 -9.73	43.91 3.31 -5.75	38.02 2.73 -8.51	33.53 2.36 -10.13	32.34 2.47 -8.61	34.23 2.43 -10.68	37.07 2.36 -14.49	38.18 2.83 -11.94	39.79 3.15 -10.43	49.41 3.50 -17.25	53.33 4.36 -13.51	55.79 4.87 -11.01	68.08 6.08 -10.05	75.12 7.17 -5.05	76.77 7.29 0.00	61.87 5.78 0.00	48.67 4.42 0.00	39.28 3.31 0.00
HEMPSTEAD___ 23647	49.23 1.19 -35.65	42.38 1.20 -28.56	44.76 0.97 -33.23	31.97 0.97 -19.73	32.73 1.06 -19.68	35.77 1.99 -13.00	43.88 3.11 -9.71	44.24 3.62 -5.77	38.12 2.84 -8.51	33.45 2.27 -10.14	32.29 2.42 -8.61	34.16 2.36 -10.68	37.10 2.40 -14.49	38.18 2.83 -11.94	39.84 3.20 -10.43	49.35 3.44 -17.25	52.93 3.97 -13.51	55.34 4.43 -10.99	64.44 5.40 -7.08	72.83 6.42 -3.51	71.98 6.46 3.96	61.53 5.44 0.00	48.99 4.74 -0.01	39.55 3.56 -0.01
HICKLING___1 23621	12.96 -0.47 -1.05	13.01 -0.49 -0.89	11.19 -0.40 -1.03	11.82 -0.44 -0.99	12.53 -0.46 -0.99	20.63 -0.79 -0.64	30.52 -1.06 -0.52	33.38 -1.74 -0.27	25.93 -1.26 -0.41	20.44 -1.05 -0.44	20.46 -1.17 -0.37	20.34 -1.25 -0.47	16.85 -1.13 2.23	22.63 -1.31 -0.53	25.23 -1.44 -0.46	28.35 -1.06 -0.74	32.34 -1.24 1.87	37.43 -0.92 1.57	49.53 -1.40 1.02	61.68 -1.76 -0.54	67.90 -2.15 -0.58	54.82 -1.51 -0.24	42.99 -1.28 -0.03	34.82 -1.15 0.00
HICKLING___2 23622	12.96 -0.47 -1.05	13.01 -0.49 -0.89	11.19 -0.40 -1.03	11.82 -0.44 -0.99	12.53 -0.46 -0.99	20.63 -0.79 -0.64	30.52 -1.06 -0.52	33.38 -1.74 -0.27	25.93 -1.26 -0.41	20.44 -1.05 -0.44	20.46 -1.17 -0.37	20.34 -1.25 -0.47	16.85 -1.13 2.23	22.63 -1.31 -0.53	25.23 -1.44 -0.46	28.35 -1.06 -0.74	32.34 -1.24 1.87	37.43 -0.92 1.57	49.53 -1.40 1.02	61.68 -1.76 -0.54	67.90 -2.15 -0.58	54.82 -1.51 -0.24	42.99 -1.28 -0.03	34.82 -1.15 0.00
HIGH FALLS___HY 23754	35.23 1.00 -21.84	32.31 0.98 -18.70	32.27 0.81 -20.90	32.23 0.87 -20.10	32.95 0.91 -20.04	35.67 1.66 -13.23	43.52 2.55 -9.91	43.64 3.00 -5.79	37.62 2.28 -8.58	33.08 1.83 -10.21	31.84 1.91 -8.67	33.73 1.86 -10.75	36.66 1.86 -14.59	37.68 2.25 -12.02	39.23 2.52 -10.50	48.91 2.87 -17.38	52.71 3.65 -13.61	55.36 4.35 -11.09	67.68 5.61 -10.11	74.78 6.79 -5.09	76.56 7.09 0.00	61.64 5.55 0.00	48.40 4.16 0.00	38.99 3.02 0.00
HIGH_RIVER___SOLAR 323847	38.92 0.58 -25.95	35.44 0.61 -22.22	35.88 0.50 -24.83	35.68 0.53 -23.88	36.37 0.56 -23.81	37.48 0.98 -15.72	44.20 1.52 -11.62	43.24 1.50 -6.89	37.83 0.86 -10.20	33.60 0.42 -12.14	31.82 0.26 -10.31	34.16 0.25 -12.78	37.80 0.24 -17.35	38.10 0.40 -14.29	39.20 0.50 -12.48	49.98 0.66 -20.66	52.56 1.10 -16.01	54.64 1.68 -13.04	66.50 2.49 -12.06	72.32 3.33 -6.09	73.01 3.54 0.00	58.95 2.86 0.00	46.41 2.17 0.00	37.74 1.76 0.00
HILLBURN___GT 23639	34.34 0.90 -21.05	31.55 0.91 -18.02	31.43 0.74 -20.14	31.44 0.80 -19.36	32.15 0.84 -19.31	35.04 1.52 -12.75	42.93 2.36 -9.51	43.31 2.82 -5.64	37.34 2.22 -8.35	32.83 1.85 -9.93	31.65 1.95 -8.44	33.50 1.92 -10.46	36.24 1.90 -14.13	37.40 2.30 -11.70	39.00 2.57 -10.22	48.46 2.89 -16.91	52.27 3.65 -13.17	54.80 4.15 -10.73	67.00 5.19 -9.85	74.13 6.29 -4.95	75.86 6.39 0.00	61.08 4.99 0.00	48.09 3.85 0.00	38.74 2.77 0.00
HILLSIDE_115KV_TB1 80332	12.54 -0.56 -0.71	12.65 -0.57 -0.60	10.81 -0.46 -0.71	11.46 -0.50 -0.68	12.15 -0.53 -0.68	20.28 -0.93 -0.43	30.16 -1.27 -0.37	33.60 -1.43 -0.18	25.98 -1.07 -0.28	20.54 -0.88 -0.38	20.62 -0.96 -0.32	20.51 -1.01 -0.40	19.96 -0.93 -0.68	22.81 -1.05 -0.45	25.40 -1.21 -0.39	28.03 -1.26 -0.63	31.39 -1.52 2.54	36.52 -1.32 2.08	48.51 -1.87 1.57	60.84 -2.45 -0.40	67.09 -2.99 -0.61	54.21 -2.13 -0.25	42.41 -1.86 -0.03	34.39 -1.58 0.00

HISHELDN_WT_PWR 323625	12.76 -1.10 -1.48	12.85 -1.03 -1.27	11.10 -0.89 -1.43	11.70 -0.95 -1.37	12.27 -1.09 -1.37	19.80 -1.87 -0.90	28.77 -2.95 -0.66	31.67 -3.55 -0.38	24.77 -2.57 -0.57	19.71 -2.02 -0.68	19.67 -2.17 -0.58	19.62 -2.22 -0.72	4.09 -2.08 14.04	21.81 -2.41 -0.81	24.22 -2.70 -0.70	27.19 -2.66 -1.19	32.18 -3.12 0.15	36.62 -3.15 0.14	47.57 -4.26 0.13	58.22 -4.91 -0.23	64.26 -5.21 0.00	51.86 -4.21 0.02	41.03 -3.19 0.02	33.49 -2.48 0.00
HOLTSVILLE_IC_1 23690	49.23 1.19 -35.65	42.38 1.20 -28.56	44.78 0.99 -33.23	32.01 1.00 -19.73	32.78 1.10 -19.68	35.91 2.14 -13.00	44.06 3.29 -9.70	44.51 3.90 -5.76	38.28 3.00 -8.51	33.50 2.32 -10.14	32.35 2.49 -8.61	34.20 2.41 -10.68	37.17 2.46 -14.49	38.30 2.95 -11.94	39.97 3.33 -10.43	49.29 3.38 -17.25	52.72 3.76 -13.51	55.02 4.11 -10.99	60.64 4.83 -3.85	70.59 5.85 -1.84	67.04 5.76 8.20	61.19 5.10 0.00	49.20 4.95 -0.01	39.69 3.71 -0.01
HOLTSVILLE_IC_10 23699	49.29 1.25 -35.65	42.44 1.26 -28.56	44.83 1.05 -33.23	32.05 1.05 -19.73	32.84 1.16 -19.68	36.04 2.26 -13.00	44.25 3.48 -9.70	44.72 4.11 -5.76	38.42 3.13 -8.51	33.58 2.40 -10.14	32.46 2.59 -8.61	34.31 2.51 -10.68	37.27 2.57 -14.49	38.41 3.07 -11.94	40.13 3.49 -10.43	49.47 3.55 -17.25	52.97 4.00 -13.51	55.34 4.43 -10.99	61.11 5.25 -3.91	71.25 6.48 -1.87	67.74 6.39 8.12	61.70 5.61 0.00	49.51 5.26 -0.01	39.90 3.92 -0.01
HOLTSVILLE_IC_2 23691	49.23 1.19 -35.65	42.38 1.20 -28.56	44.78 0.99 -33.23	32.01 1.00 -19.73	32.78 1.10 -19.68	35.91 2.14 -13.00	44.06 3.29 -9.70	44.51 3.90 -5.76	38.28 3.00 -8.51	33.50 2.32 -10.14	32.35 2.49 -8.61	34.20 2.41 -10.68	37.17 2.46 -14.49	38.30 2.95 -11.94	39.97 3.33 -10.43	49.29 3.38 -17.25	52.72 3.76 -13.51	55.02 4.11 -10.99	60.64 4.83 -3.85	70.59 5.85 -1.84	67.04 5.76 8.20	61.19 5.10 0.00	49.20 4.95 -0.01	39.69 3.71 -0.01
HOLTSVILLE_IC_3 23692	49.23 1.19 -35.65	42.38 1.20 -28.56	44.78 0.99 -33.23	32.01 1.00 -19.73	32.78 1.10 -19.68	35.91 2.14 -13.00	44.06 3.29 -9.70	44.51 3.90 -5.76	38.28 3.00 -8.51	33.50 2.32 -10.14	32.35 2.49 -8.61	34.20 2.41 -10.68	37.17 2.46 -14.49	38.30 2.95 -11.94	39.97 3.33 -10.43	49.29 3.38 -17.25	52.72 3.76 -13.51	55.02 4.11 -10.99	60.64 4.83 -3.85	70.59 5.85 -1.84	67.04 5.76 8.20	61.19 5.10 0.00	49.20 4.95 -0.01	39.69 3.71 -0.01
HOLTSVILLE_IC_4 23693	49.23 1.19 -35.65	42.38 1.20 -28.56	44.78 0.99 -33.23	32.01 1.00 -19.73	32.78 1.10 -19.68	35.91 2.14 -13.00	44.06 3.29 -9.70	44.51 3.90 -5.76	38.28 3.00 -8.51	33.50 2.32 -10.14	32.35 2.49 -8.61	34.20 2.41 -10.68	37.17 2.46 -14.49	38.30 2.95 -11.94	39.97 3.33 -10.43	49.29 3.38 -17.25	52.72 3.76 -13.51	55.02 4.11 -10.99	60.64 4.83 -3.85	70.59 5.85 -1.84	67.04 5.76 8.20	61.19 5.10 0.00	49.20 4.95 -0.01	39.69 3.71 -0.01
HOLTSVILLE_IC_5 23694	49.23 1.19 -35.65	42.38 1.20 -28.56	44.78 0.99 -33.23	32.01 1.00 -19.73	32.78 1.10 -19.68	35.91 2.14 -13.00	44.06 3.29 -9.70	44.51 3.90 -5.76	38.28 3.00 -8.51	33.50 2.32 -10.14	32.35 2.49 -8.61	34.20 2.41 -10.68	37.17 2.46 -14.49	38.30 2.95 -11.94	39.97 3.33 -10.43	49.29 3.38 -17.25	52.72 3.76 -13.51	55.02 4.11 -10.99	60.64 4.83 -3.85	70.59 5.85 -1.84	67.04 5.76 8.20	61.19 5.10 0.00	49.20 4.95 -0.01	39.69 3.71 -0.01
HOLTSVILLE_IC_6 23695	49.29 1.25 -35.65	42.44 1.26 -28.56	44.83 1.05 -33.23	32.05 1.05 -19.73	32.84 1.16 -19.68	36.04 2.26 -13.00	44.25 3.48 -9.70	44.72 4.11 -5.76	38.42 3.13 -8.51	33.58 2.40 -10.14	32.46 2.59 -8.61	34.31 2.51 -10.68	37.27 2.57 -14.49	38.41 3.07 -11.94	40.13 3.49 -10.43	49.47 3.55 -17.25	52.97 4.00 -13.51	55.34 4.43 -10.99	61.11 5.25 -3.91	71.25 6.48 -1.87	67.74 6.39 8.12	61.70 5.61 0.00	49.51 5.26 -0.01	39.90 3.92 -0.01
HOLTSVILLE_IC_7 23696	49.29 1.25 -35.65	42.44 1.26 -28.56	44.83 1.05 -33.23	32.05 1.05 -19.73	32.84 1.16 -19.68	36.04 2.26 -13.00	44.25 3.48 -9.70	44.72 4.11 -5.76	38.42 3.13 -8.51	33.58 2.40 -10.14	32.46 2.59 -8.61	34.31 2.51 -10.68	37.27 2.57 -14.49	38.41 3.07 -11.94	40.13 3.49 -10.43	49.47 3.55 -17.25	52.97 4.00 -13.51	55.34 4.43 -10.99	61.11 5.25 -3.91	71.25 6.48 -1.87	67.74 6.39 8.12	61.70 5.61 0.00	49.51 5.26 -0.01	39.90 3.92 -0.01
HOLTSVILLE_IC_8 23697	49.29 1.25 -35.65	42.44 1.26 -28.56	44.83 1.05 -33.23	32.05 1.05 -19.73	32.84 1.16 -19.68	36.04 2.26 -13.00	44.25 3.48 -9.70	44.72 4.11 -5.76	38.42 3.13 -8.51	33.58 2.40 -10.14	32.46 2.59 -8.61	34.31 2.51 -10.68	37.27 2.57 -14.49	38.41 3.07 -11.94	40.13 3.49 -10.43	49.47 3.55 -17.25	52.97 4.00 -13.51	55.34 4.43 -10.99	61.11 5.25 -3.91	71.25 6.48 -1.87	67.74 6.39 8.12	61.70 5.61 0.00	49.51 5.26 -0.01	39.90 3.92 -0.01
HOLTSVILLE_IC_9 23698	49.29 1.25 -35.65	42.44 1.26 -28.56	44.83 1.05 -33.23	32.05 1.05 -19.73	32.84 1.16 -19.68	36.04 2.26 -13.00	44.25 3.48 -9.70	44.72 4.11 -5.76	38.42 3.13 -8.51	33.58 2.40 -10.14	32.46 2.59 -8.61	34.31 2.51 -10.68	37.27 2.57 -14.49	38.41 3.07 -11.94	40.13 3.49 -10.43	49.47 3.55 -17.25	52.97 4.00 -13.51	55.34 4.43 -10.99	61.11 5.25 -3.91	71.25 6.48 -1.87	67.74 6.39 8.12	61.70 5.61 0.00	49.51 5.26 -0.01	39.90 3.92 -0.01
HOMER_HL_115KV_TB2 355744	13.29 -0.58 -1.49	13.22 -0.67 -1.27	11.50 -0.50 -1.44	12.13 -0.52 -1.38	12.87 -0.50 -1.38	20.60 -1.08 -0.90	30.18 -1.58 -0.69	33.39 -1.85 -0.39	26.21 -1.15 -0.58	20.82 -0.93 -0.70	20.80 -1.04 -0.59	20.72 -1.14 -0.74	20.84 -1.05 -1.68	23.09 -1.15 -0.83	25.68 -1.26 -0.72	28.84 -1.00 -1.18	34.24 -1.13 0.08	38.92 -0.92 0.08	50.45 -1.40 0.10	60.30 -2.83 -0.23	64.82 -4.65 0.00	53.77 -2.30 0.02	42.01 -2.21 0.02	33.78 -2.19 0.00
HOWARD_WT_PWR 323690	12.71 -1.20 -1.53	12.71 -1.21 -1.30	11.01 -1.02 -1.48	11.59 -1.10 -1.42	12.22 -1.19 -1.42	19.69 -2.01 -0.93	28.76 -2.98 -0.68	31.23 -4.01 -0.39	24.36 -3.00 -0.59	19.23 -2.53 -0.71	19.15 -2.70 -0.60	19.06 -2.81 -0.75	23.43 -2.65 -5.87	21.23 -3.02 -0.84	23.72 -3.23 -0.73	27.14 -2.75 -1.23	31.73 -2.98 0.74	36.78 -2.51 0.62	48.50 -3.22 0.23	60.10 -3.46 -0.66	66.47 -3.47 -0.47	53.77 -2.52 -0.20	42.37 -1.90 -0.03	34.28 -1.69 0.00
HQ_GEN_CEDARS 23644	12.04 -0.35 0.00	12.21 -0.40 0.00	10.26 -0.30 0.00	10.94 -0.33 0.00	11.72 -0.28 0.00	20.30 -0.48 0.00	30.32 -0.75 0.00	33.98 -0.87 0.00	25.97 -0.80 0.00	20.37 -0.67 0.00	20.68 -0.57 0.00	20.57 -0.55 0.00	19.62 -0.59 0.00	22.73 -0.68 0.00	25.48 -0.73 0.00	27.86 -0.80 0.00	34.64 -0.82 0.00	39.12 -0.80 0.00	51.28 -0.68 0.00	61.64 -1.26 0.00	68.43 -1.04 0.00	55.47 -0.62 0.00	43.80 -0.44 0.00	35.65 -0.32 0.00
HQ_GEN_CEDARS_PROXY 323590	12.04 -0.35 0.00	12.21 -0.40 0.00	10.26 -0.30 0.00	10.94 -0.33 0.00	11.72 -0.28 0.00	20.16 -0.48 0.14	30.46 -0.75 -0.14	33.98 -0.87 0.00	25.97 -0.80 0.00	20.37 -0.67 0.00	20.68 -0.57 0.00	20.57 -0.55 0.00	19.62 -0.59 0.00	22.73 -0.68 0.00	25.48 -0.73 0.00	27.89 -0.77 0.00	34.53 -0.92 0.00	39.08 -0.84 0.00	51.18 -0.78 0.00	61.57 -1.32 0.00	68.43 -1.04 0.00	55.48 -0.62 0.00	43.80 -0.44 0.00	35.65 -0.32 0.00

HQ_GEN_CHPE_PROXY 323851	34.86 1.03 -21.45	32.02 1.03 -18.37	31.91 0.83 -20.52	31.91 0.90 -19.73	32.63 0.96 -19.68	35.33 1.70 -12.85	43.51 2.61 -9.83	43.74 3.14 -5.75	37.86 2.57 -8.51	33.37 2.19 -10.14	32.19 2.32 -8.61	34.06 2.26 -10.68	36.92 2.22 -14.49	38.02 2.67 -11.94	39.63 2.99 -10.43	49.27 3.35 -17.25	53.18 4.22 -13.52	55.68 4.75 -11.01	67.91 5.87 -10.09	74.95 6.98 -5.07	76.63 7.16 0.00	61.70 5.61 0.00	48.53 4.29 0.00	39.10 3.13 0.00
HQ_GEN_IMPORT 323601	12.29 -0.10 0.00	12.50 -0.11 0.00	10.47 -0.08 0.00	11.18 -0.09 0.00	11.91 -0.08 0.00	20.47 -0.17 0.14	30.96 -0.25 -0.14	34.57 -0.28 0.00	26.53 -0.24 0.00	20.86 -0.19 0.00	21.08 -0.17 0.00	20.95 -0.17 0.00	20.03 -0.18 0.00	23.22 -0.19 0.00	26.01 -0.21 0.00	28.43 -0.23 0.00	35.17 -0.28 0.00	39.64 -0.28 0.00	51.64 -0.31 0.00	62.46 -0.44 0.00	69.06 -0.41 0.00	55.76 -0.33 0.00	43.98 -0.26 0.00	35.79 -0.18 0.00
HQ_GEN_WHEEL 23651	12.29 -0.10 0.00	12.50 -0.11 0.00	10.47 -0.08 0.00	11.18 -0.09 0.00	11.91 -0.08 0.00	20.47 -0.17 0.14	30.96 -0.25 -0.14	34.57 -0.28 0.00	26.53 -0.24 0.00	20.86 -0.19 0.00	21.08 -0.17 0.00	20.95 -0.17 0.00	20.03 -0.18 0.00	23.22 -0.19 0.00	26.01 -0.21 0.00	28.43 -0.23 0.00	35.17 -0.28 0.00	39.64 -0.28 0.00	51.64 -0.31 0.00	62.46 -0.44 0.00	69.06 -0.41 0.00	55.76 -0.33 0.00	43.98 -0.26 0.00	35.79 -0.18 0.00
HUDSON_AVE_GT_3 23810	34.89 1.05 -21.45	32.04 1.06 -18.37	31.93 0.86 -20.52	31.93 0.92 -19.73	32.66 0.98 -19.68	35.54 1.77 -13.00	43.50 2.70 -9.73	43.84 3.24 -5.75	37.93 2.65 -8.51	33.45 2.27 -10.13	32.27 2.40 -8.61	34.14 2.34 -10.68	37.01 2.30 -14.49	38.11 2.76 -11.94	39.74 3.09 -10.43	49.33 3.41 -17.25	53.22 4.25 -13.51	55.71 4.79 -11.01	67.93 5.92 -10.05	74.99 7.04 -5.05	76.63 7.16 0.00	61.76 5.67 0.00	48.53 4.29 0.00	39.17 3.20 0.00
HUDSON_AVE_GT_4 23540	34.89 1.05 -21.45	32.04 1.06 -18.37	31.93 0.86 -20.52	31.93 0.92 -19.73	32.66 0.98 -19.68	35.54 1.77 -13.00	43.50 2.70 -9.73	43.84 3.24 -5.75	37.93 2.65 -8.51	33.45 2.27 -10.13	32.27 2.40 -8.61	34.14 2.34 -10.68	37.01 2.30 -14.49	38.11 2.76 -11.94	39.74 3.09 -10.43	49.33 3.41 -17.25	53.22 4.25 -13.51	55.71 4.79 -11.01	67.93 5.92 -10.05	74.99 7.04 -5.05	76.63 7.16 0.00	61.76 5.67 0.00	48.53 4.29 0.00	39.17 3.20 0.00
HUDSON_AVE_GT_5 23657	34.89 1.05 -21.45	32.04 1.06 -18.37	31.93 0.86 -20.52	31.93 0.92 -19.73	32.66 0.98 -19.68	35.54 1.77 -13.00	43.50 2.70 -9.73	43.84 3.24 -5.75	37.93 2.65 -8.51	33.45 2.27 -10.13	32.27 2.40 -8.61	34.14 2.34 -10.68	37.01 2.30 -14.49	38.11 2.76 -11.94	39.74 3.09 -10.43	49.33 3.41 -17.25	53.22 4.25 -13.51	55.71 4.79 -11.01	67.93 5.92 -10.05	74.99 7.04 -5.05	76.63 7.16 0.00	61.76 5.67 0.00	48.53 4.29 0.00	39.17 3.20 0.00
HUDSON_AVE_10 24168	34.85 1.02 -21.45	32.01 1.02 -18.37	31.88 0.80 -20.52	31.87 0.87 -19.73	17.65 0.92 -4.73	35.43 1.66 -13.00	43.35 2.55 -9.73	43.70 3.10 -5.75	37.80 2.52 -8.51	33.34 2.17 -10.13	32.17 2.30 -8.61	34.04 2.24 -10.68	36.90 2.20 -14.49	37.99 2.65 -11.94	39.61 2.96 -10.43	49.19 3.27 -17.25	53.04 4.08 -13.51	55.52 4.59 -11.01	67.67 5.66 -10.05	74.68 6.73 -5.05	76.28 6.81 0.00	61.53 5.44 0.00	48.31 4.07 0.00	38.99 3.02 0.00
HUDSON___115KV_TB 4 355613	37.12 0.50 -24.24	33.89 0.52 -20.76	34.16 0.41 -23.19	34.01 0.44 -22.30	34.69 0.46 -22.24	36.27 0.81 -14.69	43.31 1.24 -11.00	42.67 1.32 -6.50	37.27 0.88 -9.62	33.10 0.61 -11.44	31.57 0.60 -9.72	33.74 0.57 -12.05	37.10 0.53 -16.36	37.47 0.59 -13.48	38.67 0.68 -11.77	48.98 0.83 -19.48	51.70 1.17 -15.08	53.88 1.68 -12.28	65.56 2.39 -11.21	71.70 3.14 -5.66	73.09 3.61 0.00	59.01 2.92 0.00	46.41 2.17 0.00	37.70 1.73 0.00
HUNTER MOUNT___DRP 323613	36.78 0.46 -23.93	33.59 0.48 -20.49	33.85 0.39 -22.90	33.68 0.39 -22.02	34.37 0.42 -21.96	36.04 0.77 -14.50	43.11 1.18 -10.86	42.51 1.25 -6.41	37.04 0.78 -9.49	32.84 0.51 -11.29	31.32 0.47 -9.59	33.46 0.44 -11.89	36.76 0.40 -16.14	37.20 0.49 -13.30	38.41 0.58 -11.62	48.60 0.72 -19.22	51.41 1.06 -14.90	53.65 1.60 -12.14	65.42 2.39 -11.08	71.63 3.14 -5.59	73.43 3.96 0.00	59.29 3.20 0.00	46.59 2.34 0.00	37.84 1.87 0.00
HUNTINGTON_RES_REC 323705	49.12 1.08 -35.65	42.26 1.09 -28.56	44.66 0.88 -33.23	31.86 0.86 -19.73	32.62 0.95 -19.68	35.62 1.85 -13.00	43.62 2.86 -9.70	43.99 3.38 -5.76	37.91 2.63 -8.51	33.22 2.04 -10.14	32.08 2.21 -8.61	33.93 2.13 -10.68	36.90 2.20 -14.49	37.95 2.60 -11.94	39.55 2.91 -10.43	48.95 3.04 -17.25	52.19 3.23 -13.51	54.18 3.27 -10.99	59.55 3.64 -3.96	69.13 4.34 -1.90	65.59 4.17 8.05	59.91 3.82 0.00	48.50 4.25 -0.01	39.18 3.20 -0.01
HUNTLEY___63 23557	12.85 -1.03 -1.49	13.00 -0.90 -1.28	11.16 -0.83 -1.44	11.75 -0.90 -1.38	12.28 -1.09 -1.38	19.83 -1.85 -0.90	28.74 -3.01 -0.69	31.92 -3.31 -0.39	24.97 -2.38 -0.58	19.89 -1.83 -0.68	19.87 -1.96 -0.57	19.89 -1.94 -0.72	19.89 -1.82 -1.50	22.04 -2.18 -0.80	24.35 -2.57 -0.70	26.96 -2.87 -1.17	31.86 -3.65 -0.06	35.83 -4.11 -0.02	46.31 -5.66 -0.02	56.59 -6.54 -0.24	62.94 -6.53 0.00	50.41 -5.67 0.02	40.20 -4.03 0.02	33.13 -2.84 0.00
HUNTLEY___64 23558	12.85 -1.03 -1.49	13.00 -0.90 -1.28	11.16 -0.83 -1.44	11.75 -0.90 -1.38	12.28 -1.09 -1.38	19.83 -1.85 -0.90	28.74 -3.01 -0.69	31.92 -3.31 -0.39	24.97 -2.38 -0.58	19.89 -1.83 -0.68	19.87 -1.96 -0.57	19.89 -1.94 -0.72	19.89 -1.82 -1.50	22.04 -2.18 -0.80	24.35 -2.57 -0.70	26.96 -2.87 -1.17	31.86 -3.65 -0.06	35.83 -4.11 -0.02	46.31 -5.66 -0.02	56.59 -6.54 -0.24	62.94 -6.53 0.00	50.41 -5.67 0.02	40.20 -4.03 0.02	33.13 -2.84 0.00
HUNTLEY___65 23559	12.85 -1.03 -1.49	13.00 -0.90 -1.28	11.16 -0.83 -1.44	11.75 -0.90 -1.38	12.28 -1.09 -1.38	19.83 -1.85 -0.90	28.74 -3.01 -0.69	31.92 -3.31 -0.39	24.97 -2.38 -0.58	19.89 -1.83 -0.68	19.87 -1.96 -0.57	19.89 -1.94 -0.72	19.89 -1.82 -1.50	22.04 -2.18 -0.80	24.35 -2.57 -0.70	26.96 -2.87 -1.17	31.86 -3.65 -0.06	35.83 -4.11 -0.02	46.31 -5.66 -0.02	56.59 -6.54 -0.24	62.94 -6.53 0.00	50.41 -5.67 0.02	40.20 -4.03 0.02	33.13 -2.84 0.00
HUNTLEY___66 23560	12.85 -1.03 -1.49	13.00 -0.90 -1.28	11.16 -0.83 -1.44	11.75 -0.90 -1.38	12.28 -1.09 -1.38	19.83 -1.85 -0.90	28.74 -3.01 -0.69	31.92 -3.31 -0.39	24.97 -2.38 -0.58	19.89 -1.83 -0.68	19.87 -1.96 -0.57	19.89 -1.94 -0.72	19.89 -1.82 -1.50	22.04 -2.18 -0.80	24.35 -2.57 -0.70	26.96 -2.87 -1.17	31.86 -3.65 -0.06	35.83 -4.11 -0.02	46.31 -5.66 -0.02	56.59 -6.54 -0.24	62.94 -6.53 0.00	50.41 -5.67 0.02	40.20 -4.03 0.02	33.13 -2.84 0.00
HUNTLEY___67 23561	12.86 -1.02 -1.49	13.00 -0.90 -1.28	11.20 -0.80 -1.44	11.79 -0.87 -1.39	12.33 -1.04 -1.38	19.94 -1.75 -0.91	28.96 -2.80 -0.69	32.11 -3.14 -0.39	25.11 -2.25 -0.59	20.02 -1.70 -0.68	20.01 -1.83 -0.58	20.02 -1.82 -0.72	20.03 -1.70 -1.52	22.18 -2.04 -0.81	24.51 -2.41 -0.70	27.16 -2.67 -1.16	31.93 -3.55 -0.03	36.04 -3.87 0.00	46.59 -5.35 0.01	56.97 -6.16 -0.24	63.29 -6.18 0.00	50.75 -5.33 0.02	40.33 -3.89 0.02	33.24 -2.73 0.00



HUNTLEY___68 23562	12.86 -1.02 -1.49	13.00 -0.90 -1.28	11.20 -0.80 -1.44	11.79 -0.87 -1.39	12.33 -1.04 -1.38	19.94 -1.75 -0.91	28.96 -2.80 -0.69	32.11 -3.14 -0.39	25.11 -2.25 -0.59	20.02 -1.70 -0.68	20.01 -1.83 -0.58	20.02 -1.82 -0.72	20.03 -1.70 -1.52	22.18 -2.04 -0.81	24.51 -2.41 -0.70	27.16 -2.67 -1.16	31.93 -3.55 -0.03	36.04 -3.87 0.00	46.59 -5.35 0.01	56.97 -6.16 -0.24	63.29 -6.18 0.00	50.75 -5.33 0.02	40.33 -3.89 0.02	33.24 -2.73 0.00
HYLAND___LFGE 323620	13.56 -0.33 -1.51	13.62 -0.29 -1.29	11.72 -0.30 -1.46	12.38 -0.29 -1.40	12.97 -0.42 -1.40	21.17 -0.52 -0.92	30.96 -0.78 -0.68	33.88 -1.36 -0.39	26.12 -1.23 -0.58	20.52 -1.22 -0.70	20.44 -1.40 -0.59	20.30 -1.56 -0.74	24.69 -1.50 -5.97	22.51 -1.73 -0.83	25.08 -1.86 -0.72	28.28 -1.60 -1.22	33.44 -1.81 0.21	38.53 -1.20 0.19	50.59 -1.19 0.17	62.48 -0.63 -0.22	69.61 0.14 0.00	55.96 -0.11 0.02	44.00 -0.22 0.02	35.61 -0.36 0.00
INDECK___CORINTH 23802	38.39 0.79 -25.21	35.04 0.83 -21.59	35.36 0.68 -24.12	35.17 0.70 -23.20	35.89 0.76 -23.14	37.38 1.33 -15.28	44.76 2.36 -11.34	44.09 2.51 -6.73	38.47 1.74 -9.96	34.00 1.09 -11.86	32.33 1.00 -10.08	34.61 0.99 -12.50	38.12 0.95 -16.96	38.48 1.10 -13.98	39.68 1.26 -12.21	49.29 0.43 -20.20	51.55 0.82 -15.28	53.44 1.08 -12.44	65.11 1.71 -11.44	71.17 2.45 -5.83	71.97 2.50 0.00	58.34 2.25 0.00	45.83 1.59 0.00	38.45 2.48 0.00
INDECK___ILION 23567	12.13 -0.26 0.00	12.34 -0.28 0.00	10.32 -0.23 0.00	11.03 -0.24 0.00	11.77 -0.23 0.00	20.44 -0.33 0.00	30.60 -0.47 0.00	34.29 -0.56 0.00	26.21 -0.56 0.00	20.58 -0.46 0.00	20.70 -0.55 0.00	20.51 -0.61 0.00	19.40 -0.81 0.00	22.45 -0.96 0.00	25.19 -1.02 0.00	27.57 -1.09 0.00	34.21 -1.24 0.00	38.68 -1.24 0.00	50.66 -1.30 0.00	61.39 -1.51 0.00	68.01 -1.46 0.00	55.14 -0.95 0.00	43.75 -0.49 0.00	35.54 -0.43 0.00
INDECK___OLEAN 23982	13.29 -0.58 -1.49	13.22 -0.67 -1.27	11.50 -0.50 -1.44	12.13 -0.52 -1.38	12.87 -0.50 -1.38	20.60 -1.08 -0.90	30.14 -1.58 -0.66	33.39 -1.85 -0.38	26.20 -1.15 -0.58	20.81 -0.93 -0.69	20.80 -1.04 -0.59	20.71 -1.14 -0.73	20.83 -1.05 -1.67	23.08 -1.15 -0.82	25.67 -1.26 -0.72	28.94 -0.92 -1.20	34.35 -1.03 0.07	38.96 -0.88 0.08	50.59 -1.30 0.07	60.89 -2.26 -0.25	64.89 -4.59 0.00	53.83 -2.25 0.02	42.10 -2.12 0.02	33.67 -2.30 0.00
INDECK___OSWEGO 23783	13.95 -0.22 -1.79	13.93 -0.21 -1.53	12.08 -0.19 -1.71	12.71 -0.20 -1.65	13.41 -0.23 -1.64	21.46 -0.40 -1.08	31.28 -0.59 -0.80	34.66 -0.66 -0.48	27.02 -0.46 -0.70	21.54 -0.38 -0.88	21.62 -0.38 -0.74	21.66 -0.38 -0.92	21.12 -0.34 -1.25	24.02 -0.42 -1.03	26.65 -0.47 -0.90	29.64 -0.52 -1.49	35.41 -0.75 -0.70	39.71 -0.96 -0.75	56.11 -1.25 -5.40	68.96 -1.38 -7.44	74.43 -1.46 -6.42	57.99 -1.23 -3.13	44.07 -0.97 -0.81	35.11 -0.86 0.00
INDECK___YERKES 23781	12.86 -1.03 -1.50	13.00 -0.90 -1.28	11.17 -0.82 -1.44	11.76 -0.89 -1.38	12.28 -1.09 -1.38	19.85 -1.83 -0.90	28.74 -2.98 -0.66	31.92 -3.31 -0.38	24.96 -2.38 -0.58	19.91 -1.83 -0.69	19.91 -1.93 -0.59	19.91 -1.94 -0.73	19.92 -1.80 -1.50	22.05 -2.18 -0.82	24.36 -2.57 -0.71	26.98 -2.89 -1.21	32.09 -3.44 -0.08	36.09 -3.87 -0.04	46.60 -5.40 -0.05	56.67 -6.48 -0.25	62.94 -6.53 0.00	50.52 -5.55 0.02	40.20 -4.03 0.02	32.99 -2.99 0.00
INDIAN POINT_GT_1 24139	34.65 0.93 -21.34	31.82 0.93 -18.27	31.73 0.76 -20.42	31.73 0.82 -19.63	32.44 0.86 -19.58	35.26 1.56 -12.93	43.17 2.42 -9.68	43.43 2.86 -5.72	37.54 2.30 -8.47	33.06 1.94 -10.08	31.88 2.06 -8.56	33.74 2.01 -10.61	36.60 1.98 -14.41	37.66 2.39 -11.87	39.25 2.67 -10.36	48.74 2.92 -17.15	52.54 3.65 -13.44	54.99 4.11 -10.95	67.10 5.14 -10.00	74.09 6.16 -5.03	75.73 6.25 0.00	61.03 4.94 0.00	48.05 3.80 0.00	38.78 2.81 0.00
INDIAN POINT_GT_2 23659	34.65 0.93 -21.34	31.82 0.93 -18.27	31.73 0.76 -20.42	31.73 0.82 -19.63	32.44 0.86 -19.58	35.26 1.56 -12.93	43.17 2.42 -9.68	43.43 2.86 -5.72	37.54 2.30 -8.47	33.06 1.94 -10.08	31.88 2.06 -8.56	33.74 2.01 -10.61	36.60 1.98 -14.41	37.66 2.39 -11.87	39.25 2.67 -10.36	48.74 2.92 -17.15	52.54 3.65 -13.44	54.99 4.11 -10.95	67.10 5.14 -10.00	74.09 6.16 -5.03	75.73 6.25 0.00	61.03 4.94 0.00	48.05 3.80 0.00	38.78 2.81 0.00
INDIAN POINT_GT_3 24019	34.65 0.93 -21.34	31.82 0.93 -18.27	31.73 0.76 -20.42	31.73 0.82 -19.63	32.44 0.86 -19.58	35.26 1.56 -12.93	43.17 2.42 -9.68	43.43 2.86 -5.72	37.54 2.30 -8.47	33.06 1.94 -10.08	31.88 2.06 -8.56	33.74 2.01 -10.61	36.60 1.98 -14.41	37.66 2.39 -11.87	39.25 2.67 -10.36	48.74 2.92 -17.15	52.54 3.65 -13.44	54.99 4.11 -10.95	67.10 5.14 -10.00	74.09 6.16 -5.03	75.73 6.25 0.00	61.03 4.94 0.00	48.05 3.80 0.00	38.78 2.81 0.00
INDIAN POINT___2 23530	34.48 0.92 -21.17	31.68 0.93 -18.13	31.57 0.75 -20.26	31.57 0.81 -19.48	32.29 0.86 -19.43	35.14 1.54 -12.83	43.02 2.39 -9.57	43.38 2.86 -5.68	37.45 2.27 -8.40	32.96 1.91 -10.00	31.79 2.04 -8.49	33.63 1.98 -10.53	36.46 1.96 -14.29	37.55 2.36 -11.77	39.15 2.65 -10.28	48.63 2.95 -17.01	52.52 3.72 -13.35	54.98 4.19 -10.87	67.18 5.25 -9.98	74.20 6.29 -5.02	75.86 6.39 0.00	61.08 4.99 0.00	48.14 3.89 0.00	38.78 2.81 0.00
INDIAN POINT___3 23531	34.65 0.92 -21.34	31.82 0.92 -18.28	31.73 0.75 -20.42	31.72 0.81 -19.64	32.43 0.85 -19.59	35.25 1.54 -12.93	43.14 2.39 -9.69	43.39 2.82 -5.72	37.52 2.28 -8.47	33.04 1.92 -10.08	31.84 2.02 -8.56	33.72 1.99 -10.62	36.58 1.96 -14.41	37.62 2.34 -11.87	39.20 2.62 -10.37	48.72 2.90 -17.16	52.48 3.58 -13.44	54.91 4.03 -10.96	67.00 5.04 -10.01	73.96 6.04 -5.03	75.66 6.18 0.00	60.92 4.82 0.00	47.96 3.72 0.00	38.74 2.77 0.00
INDIANHD_69_KV_BK1 55831	49.36 1.33 -35.65	42.51 1.34 -28.56	44.89 1.10 -33.23	32.12 1.12 -19.73	32.90 1.22 -19.68	36.14 2.37 -13.00	44.47 3.67 -9.74	44.93 4.32 -5.76	38.55 3.27 -8.51	33.68 2.50 -10.13	32.57 2.70 -8.61	34.39 2.60 -10.68	37.37 2.67 -14.49	38.53 3.18 -11.94	40.29 3.64 -10.43	49.56 3.64 -17.25	53.01 4.04 -13.51	55.33 4.43 -10.98	61.42 5.61 -3.86	71.60 6.86 -1.85	68.35 7.02 8.14	61.81 5.72 0.00	49.74 5.49 -0.01	40.12 4.14 -0.01
INGHAM_C_115KV_TB7 356103	12.13 -0.26 0.00	12.34 -0.28 0.00	10.32 -0.23 0.00	11.03 -0.24 0.00	11.77 -0.23 0.00	20.44 -0.33 0.00	30.60 -0.47 0.00	34.29 -0.56 0.00	26.21 -0.56 0.00	20.58 -0.46 0.00	20.70 -0.55 0.00	20.51 -0.61 0.00	19.40 -0.81 0.00	22.45 -0.96 0.00	25.19 -1.02 0.00	27.57 -1.09 0.00	34.21 -1.24 0.00	38.68 -1.24 0.00	50.66 -1.30 0.00	61.39 -1.51 0.00	68.01 -1.46 0.00	55.14 -0.95 0.00	43.75 -0.49 0.00	35.54 -0.43 0.00
IP CORINTH___1 23988	38.39 0.79 -25.21	35.04 0.83 -21.59	35.36 0.68 -24.12	35.17 0.70 -23.20	35.89 0.76 -23.14	37.38 1.33 -15.28	44.87 2.36 -11.44	44.08 2.51 -6.73	38.47 1.74 -9.96	33.99 1.09 -11.85	32.32 1.00 -10.06	34.59 0.99 -12.48	38.10 0.95 -16.94	38.46 1.10 -13.95	39.66 1.26 -12.19	50.12 1.26 -20.20	52.54 1.81 -15.28	54.72 2.36 -12.45	66.70 3.38 -11.37	73.15 4.47 -5.79	74.20 4.72 0.00	60.19 4.09 0.00	47.21 2.96 0.00	38.42 2.45 0.00

IP___TICONDEROGA 23804	38.71 1.14 -25.19	35.39 1.20 -21.57	35.63 0.97 -24.10	35.45 1.00 -23.17	36.19 1.08 -23.11	37.95 1.91 -15.26	45.76 3.26 -11.43	44.95 3.38 -6.72	38.94 2.22 -9.95	34.23 1.35 -11.84	32.54 1.23 -10.06	34.79 1.20 -12.47	38.29 1.15 -16.92	38.69 1.33 -13.94	39.94 1.55 -12.18	50.56 1.72 -20.18	53.27 2.55 -15.27	55.79 3.43 -12.43	68.56 5.25 -11.35	75.79 7.11 -5.78	77.25 7.78 0.00	62.43 6.34 0.00	48.71 4.47 0.00	39.61 3.63 0.00
ISLIP_RES_REC 323679	49.33 1.29 -35.65	42.48 1.30 -28.56	44.87 1.08 -33.23	32.10 1.09 -19.73	32.88 1.20 -19.68	36.10 2.33 -13.00	44.37 3.60 -9.70	44.86 4.25 -5.76	38.52 3.24 -8.51	33.66 2.48 -10.14	32.55 2.68 -8.61	34.37 2.58 -10.68	37.35 2.65 -14.49	38.51 3.16 -11.94	40.26 3.62 -10.43	49.61 3.70 -17.25	53.14 4.18 -13.51	55.54 4.63 -10.99	61.47 5.56 -3.96	71.65 6.86 -1.90	68.15 6.74 8.06	61.98 5.89 0.00	49.74 5.48 -0.01	40.05 4.06 -0.01
JAMAICA__27_KV_LOAD 355505	34.91 1.08 -21.45	32.07 1.09 -18.37	31.92 0.84 -20.52	31.92 0.91 -19.73	17.68 0.96 -4.73	35.49 1.72 -13.00	43.47 2.67 -9.73	43.84 3.24 -5.75	37.91 2.62 -8.51	33.41 2.23 -10.13	32.23 2.36 -8.61	34.12 2.32 -10.68	36.98 2.28 -14.49	38.09 2.74 -11.94	39.71 3.07 -10.43	49.33 3.41 -17.25	53.22 4.25 -13.51	55.75 4.83 -11.01	67.93 5.92 -10.05	74.93 6.98 -5.05	76.63 7.16 0.00	61.87 5.78 0.00	48.58 4.34 0.00	39.14 3.17 0.00
JANIS___SOLAR 323808	18.77 0.36 -6.02	18.12 0.34 -5.16	16.59 0.27 -5.76	17.10 0.29 -5.54	17.87 0.35 -5.53	25.05 0.62 -3.65	34.93 1.21 -2.65	37.65 1.22 -1.58	29.80 0.69 -2.34	24.13 0.29 -2.79	23.76 0.13 -2.37	24.14 0.08 -2.94	24.28 0.08 -3.99	26.88 0.19 -3.29	29.35 0.26 -2.87	33.89 0.49 -4.74	40.00 0.96 -3.59	44.51 1.64 -2.95	57.79 2.13 -3.71	68.53 2.83 -2.80	74.00 3.27 -1.26	59.46 2.75 -0.62	46.52 2.12 -0.16	37.30 1.33 0.00
JARVIS____ 23743	12.46 0.07 0.00	12.69 0.08 0.00	10.62 0.06 0.00	11.34 0.07 0.00	12.05 0.06 0.00	20.88 0.10 0.00	31.22 0.16 0.00	35.06 0.21 0.00	26.91 0.13 0.00	21.15 0.11 0.00	21.36 0.11 0.00	21.23 0.11 0.00	20.31 0.10 0.00	23.53 0.12 0.00	26.35 0.13 0.00	28.81 0.14 0.00	35.66 0.21 0.00	40.16 0.24 0.00	52.27 0.31 0.00	63.28 0.38 0.00	69.89 0.42 0.00	56.43 0.34 0.00	44.51 0.27 0.00	36.15 0.18 0.00
JENNISON___1 23625	21.43 0.35 -8.69	20.39 0.33 -7.45	19.15 0.29 -8.31	19.58 0.32 -7.99	20.31 0.35 -7.97	26.64 0.60 -5.27	36.52 1.52 -3.94	38.84 1.74 -2.25	31.22 1.12 -3.33	25.78 0.76 -3.98	25.27 0.64 -3.38	25.97 0.65 -4.19	26.22 0.63 -5.38	28.96 0.87 -4.69	31.33 1.02 -4.09	36.67 1.23 -6.78	43.49 1.81 -6.23	47.60 2.55 -5.12	59.63 2.39 -5.29	68.92 2.89 -3.13	73.84 3.47 -0.90	59.57 3.03 -0.45	46.71 2.34 -0.12	37.52 1.55 0.00
JENNISON___2 23626	21.43 0.35 -8.69	20.39 0.33 -7.45	19.15 0.29 -8.31	19.58 0.32 -7.99	20.31 0.35 -7.97	26.64 0.60 -5.27	36.52 1.52 -3.94	38.84 1.74 -2.25	31.22 1.12 -3.33	25.78 0.76 -3.98	25.27 0.64 -3.38	25.97 0.65 -4.19	26.22 0.63 -5.38	28.96 0.87 -4.69	31.33 1.02 -4.09	36.67 1.23 -6.78	43.49 1.81 -6.23	47.60 2.55 -5.12	59.63 2.39 -5.29	68.92 2.89 -3.13	73.84 3.47 -0.90	59.57 3.03 -0.45	46.71 2.34 -0.12	37.52 1.55 0.00
JERICHO_RISE_WT_PWR 323719	12.00 -0.38 0.00	12.18 -0.44 0.00	10.21 -0.35 0.00	10.91 -0.36 0.00	11.65 -0.35 0.00	20.17 -0.60 0.00	30.13 -0.93 0.00	33.80 -1.04 0.00	25.91 -0.86 0.00	20.35 -0.69 0.00	20.62 -0.64 0.00	20.46 -0.65 0.00	19.52 -0.69 0.00	22.66 -0.75 0.00	25.40 -0.81 0.00	27.78 -0.89 0.00	34.39 -1.06 0.00	38.92 -1.00 0.00	50.86 -1.09 0.00	61.39 -1.51 0.00	68.08 -1.39 0.00	55.08 -1.01 0.00	43.40 -0.84 0.00	35.33 -0.65 0.00
KATONAH___115KV_46KV_TB4 355592	35.03 0.97 -21.68	32.17 0.98 -18.57	32.09 0.79 -20.74	32.06 0.85 -19.95	32.80 0.91 -19.89	35.53 1.62 -13.14	43.42 2.52 -9.84	43.59 2.93 -5.81	37.73 2.36 -8.61	33.26 1.98 -10.24	32.06 2.10 -8.70	33.98 2.07 -10.79	36.91 2.06 -14.64	37.93 2.46 -12.06	39.53 2.78 -10.53	49.16 3.07 -17.43	52.88 3.79 -13.64	55.34 4.31 -11.11	67.51 5.40 -10.15	74.54 6.54 -5.11	76.07 6.60 0.00	61.25 5.16 0.00	48.22 3.98 0.00	38.92 2.95 0.00
KCE_NY_1 323755	38.25 0.71 -25.16	34.90 0.73 -21.55	35.23 0.60 -24.07	35.05 0.63 -23.15	35.75 0.67 -23.09	37.20 1.18 -15.25	44.47 2.11 -11.29	43.81 2.26 -6.70	38.30 1.61 -9.92	33.91 1.05 -11.81	32.27 0.98 -10.04	34.53 0.97 -12.44	38.03 0.93 -16.89	38.38 1.05 -13.91	39.57 1.21 -12.15	49.89 1.12 -20.11	52.26 1.60 -15.21	54.34 2.03 -12.39	66.24 2.91 -11.38	72.47 3.77 -5.80	73.36 3.89 0.00	59.34 3.25 0.00	46.63 2.39 0.00	38.28 2.30 0.00
KCE_NY_6_ESR 323823	12.93 -0.95 -1.49	13.02 -0.87 -1.28	11.24 -0.75 -1.44	11.84 -0.81 -1.38	12.42 -0.95 -1.38	20.02 -1.66 -0.90	29.06 -2.67 -0.67	32.27 -2.96 -0.39	25.26 -2.09 -0.58	20.12 -1.62 -0.70	20.10 -1.74 -0.59	20.10 -1.75 -0.73	20.14 -1.64 -1.57	22.31 -1.92 -0.82	24.70 -2.23 -0.72	27.51 -2.35 -1.20	32.59 -2.87 -0.01	36.83 -3.07 0.01	47.69 -4.26 0.01	58.05 -5.09 -0.25	63.78 -5.70 0.00	51.58 -4.49 0.02	40.90 -3.32 0.02	33.35 -2.62 0.00
KEDC_PORT_JEFF_GT2 24210	49.28 1.24 -35.65	42.44 1.26 -28.56	44.83 1.05 -33.23	32.05 1.05 -19.73	32.84 1.16 -19.68	36.02 2.24 -13.00	44.21 3.45 -9.70	44.72 4.11 -5.76	38.42 3.13 -8.51	33.58 2.40 -10.14	32.46 2.59 -8.61	34.29 2.49 -10.68	37.27 2.57 -14.49	38.41 3.07 -11.94	40.13 3.49 -10.43	49.47 3.55 -17.25	52.97 4.00 -13.51	55.34 4.43 -10.99	61.09 5.25 -3.89	71.17 6.42 -1.86	67.71 6.39 8.15	61.64 5.55 0.00	49.51 5.26 -0.01	39.90 3.92 -0.01
KEDC_PORT_JEFF_GT3 24211	49.28 1.24 -35.65	42.44 1.26 -28.56	44.83 1.05 -33.23	32.05 1.05 -19.73	32.84 1.16 -19.68	36.02 2.24 -13.00	44.21 3.45 -9.70	44.72 4.11 -5.76	38.42 3.13 -8.51	33.58 2.40 -10.14	32.46 2.59 -8.61	34.29 2.49 -10.68	37.27 2.57 -14.49	38.41 3.07 -11.94	40.13 3.49 -10.43	49.47 3.55 -17.25	52.97 4.00 -13.51	55.34 4.43 -10.99	61.09 5.25 -3.89	71.17 6.42 -1.86	67.71 6.39 8.15	61.64 5.55 0.00	49.51 5.26 -0.01	39.90 3.92 -0.01
KEDC_GLWD_GT4 24219	49.19 1.15 -35.65	42.34 1.16 -28.56	44.72 0.93 -33.23	31.96 0.96 -19.73	32.71 1.03 -19.68	35.68 1.91 -13.00	43.72 2.95 -9.71	44.10 3.48 -5.77	38.04 2.76 -8.51	33.43 2.25 -10.14	32.27 2.40 -8.61	34.14 2.34 -10.68	37.06 2.36 -14.49	38.13 2.78 -11.94	39.79 3.14 -10.43	49.35 3.44 -17.25	53.04 4.08 -13.51	55.51 4.59 -11.00	65.65 5.61 -8.08	73.47 6.54 -4.03	73.44 6.60 2.64	61.65 5.55 0.00	48.86 4.60 -0.02	39.44 3.45 -0.02
KEDC_GLWD_GT5 24220	49.19 1.15 -35.65	42.34 1.16 -28.56	44.72 0.93 -33.23	31.96 0.96 -19.73	32.71 1.03 -19.68	35.68 1.91 -13.00	43.72 2.95 -9.71	44.10 3.48 -5.77	38.04 2.76 -8.51	33.43 2.25 -10.14	32.27 2.40 -8.61	34.14 2.34 -10.68	37.06 2.36 -14.49	38.13 2.78 -11.94	39.79 3.14 -10.43	49.35 3.44 -17.25	53.04 4.08 -13.51	55.51 4.59 -11.00	65.65 5.61 -8.08	73.47 6.54 -4.03	73.44 6.60 2.64	61.65 5.55 0.00	48.86 4.60 -0.02	39.44 3.45 -0.02

KENSICO____ 23655	34.78 0.97 -21.43	31.94 0.97 -18.35	31.84 0.78 -20.50	31.83 0.85 -19.72	32.56 0.90 -19.66	35.38 1.62 -12.98	43.28 2.49 -9.73	43.56 2.96 -5.74	37.66 2.38 -8.50	33.17 2.00 -10.12	31.98 2.13 -8.60	33.87 2.09 -10.66	36.74 2.06 -14.47	37.81 2.48 -11.92	39.38 2.75 -10.41	48.93 3.04 -17.23	52.70 3.76 -13.49	55.15 4.23 -11.00	67.30 5.30 -10.04	74.24 6.29 -5.05	75.93 6.46 0.00	61.14 5.05 0.00	48.13 3.89 0.00	38.89 2.91 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	34.74 0.98 -21.37	31.88 0.96 -18.30	31.80 0.79 -20.45	31.78 0.85 -19.67	32.49 0.89 -19.61	35.35 1.62 -12.95	43.28 2.52 -9.70	43.40 2.93 -5.63	37.32 2.22 -8.33	32.73 1.77 -9.91	31.53 1.85 -8.42	33.38 1.82 -10.44	36.18 1.80 -14.17	37.24 2.15 -11.68	38.85 2.44 -10.20	48.32 2.78 -16.87	52.26 3.55 -13.26	55.00 4.27 -10.81	67.26 5.46 -9.85	74.51 6.67 -4.95	76.42 6.95 0.00	61.53 5.44 0.00	48.31 4.07 0.00	38.99 3.02 0.00
KIAC_JFK_GT1 23816	34.85 1.02 -21.45	32.01 1.02 -18.37	31.86 0.78 -20.52	31.85 0.85 -19.73	17.62 0.90 -4.73	35.39 1.62 -13.00	43.28 2.49 -9.73	43.63 3.03 -5.75	37.77 2.49 -8.51	33.30 2.13 -10.13	32.12 2.25 -8.61	33.99 2.20 -10.68	36.86 2.16 -14.49	37.97 2.62 -11.94	39.56 2.91 -10.43	49.16 3.24 -17.25	53.01 4.04 -13.51	55.52 4.59 -11.01	67.41 5.40 -10.05	74.30 6.35 -5.05	75.93 6.46 0.00	61.53 5.44 0.00	48.31 4.07 0.00	38.92 2.95 0.00
KIAC_JFK_GT2 23817	34.85 1.02 -21.45	32.01 1.02 -18.37	31.86 0.78 -20.52	31.85 0.85 -19.73	17.62 0.90 -4.73	35.39 1.62 -13.00	43.28 2.49 -9.73	43.63 3.03 -5.75	37.77 2.49 -8.51	33.30 2.13 -10.13	32.12 2.25 -8.61	33.99 2.20 -10.68	36.86 2.16 -14.49	37.97 2.62 -11.94	39.56 2.91 -10.43	49.16 3.24 -17.25	53.01 4.04 -13.51	55.52 4.59 -11.01	67.41 5.40 -10.05	74.30 6.35 -5.05	75.93 6.46 0.00	61.53 5.44 0.00	48.31 4.07 0.00	38.92 2.95 0.00
KIAC_JFK____ 323774	34.85 1.02 -21.45	32.01 1.02 -18.37	31.86 0.78 -20.52	31.85 0.85 -19.73	17.62 0.90 -4.73	35.39 1.62 -13.00	43.24 2.49 -9.69	43.63 3.03 -5.75	37.78 2.49 -8.51	33.31 2.12 -10.14	32.12 2.25 -8.61	33.99 2.20 -10.68	36.86 2.16 -14.49	37.97 2.62 -11.94	39.55 2.91 -10.43	49.21 3.29 -17.25	53.15 4.18 -13.52	55.64 4.71 -11.01	67.61 5.56 -10.09	74.57 6.60 -5.07	76.14 6.67 0.00	61.65 5.55 0.00	48.45 4.21 0.00	38.96 2.98 0.00
KINTIGH_24_KV_GSU 356498	12.97 -0.92 -1.50	13.14 -0.76 -1.28	11.29 -0.71 -1.45	11.89 -0.77 -1.39	12.41 -0.97 -1.39	20.17 -1.52 -0.91	29.34 -2.39 -0.67	32.59 -2.65 -0.39	25.35 -2.01 -0.59	20.25 -1.49 -0.70	20.28 -1.57 -0.60	20.30 -1.56 -0.74	20.19 -1.43 -1.41	22.46 -1.78 -0.83	24.82 -2.12 -0.72	27.29 -2.58 -1.20	32.24 -3.40 -0.19	36.27 -3.79 -0.14	46.89 -5.19 -0.13	57.37 -5.79 -0.26	64.33 -5.14 0.00	51.09 -4.99 0.01	40.60 -3.63 0.01	33.49 -2.48 0.00
KINTIGH____ 23543	12.97 -0.92 -1.50	13.14 -0.76 -1.28	11.29 -0.71 -1.45	11.89 -0.77 -1.39	12.41 -0.97 -1.39	20.17 -1.52 -0.91	29.37 -2.39 -0.69	32.56 -2.68 -0.40	25.35 -2.01 -0.59	20.25 -1.49 -0.69	20.27 -1.57 -0.59	20.29 -1.56 -0.73	20.18 -1.43 -1.41	22.45 -1.78 -0.82	24.81 -2.12 -0.71	27.32 -2.52 -1.18	32.12 -3.51 -0.18	36.21 -3.83 -0.13	46.76 -5.30 -0.11	57.48 -5.66 -0.25	64.33 -5.14 0.00	51.03 -5.05 0.01	40.65 -3.58 0.01	33.63 -2.34 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	12.13 -0.26 0.00	12.29 -0.33 0.00	10.31 -0.24 0.00	11.01 -0.26 0.00	11.78 -0.22 0.00	20.42 -0.35 0.00	30.54 -0.53 0.00	34.22 -0.63 0.00	26.18 -0.59 0.00	20.54 -0.51 0.00	20.83 -0.43 0.00	20.68 -0.44 0.00	19.71 -0.51 0.00	22.85 -0.56 0.00	25.67 -0.55 0.00	28.06 -0.60 0.00	34.95 -0.50 0.00	39.56 -0.36 0.00	51.80 -0.16 0.00	62.39 -0.50 0.00	69.33 -0.14 0.00	55.98 -0.11 0.00	44.11 -0.13 0.00	35.83 -0.14 0.00
LACHUTE____HYDRO 323717	38.71 1.14 -25.19	35.39 1.20 -21.57	35.63 0.97 -24.10	35.45 1.00 -23.17	36.19 1.08 -23.11	37.95 1.91 -15.26	45.65 3.26 -11.33	44.95 3.38 -6.72	38.94 2.22 -9.95	34.25 1.35 -11.85	32.56 1.23 -10.07	34.81 1.20 -12.49	38.31 1.15 -16.95	38.70 1.33 -13.96	39.96 1.55 -12.19	49.96 1.12 -20.18	52.56 1.84 -15.26	54.87 2.52 -12.43	67.44 4.06 -11.43	74.38 5.66 -5.82	75.59 6.12 0.00	61.08 4.99 0.00	47.74 3.49 0.00	39.60 3.63 0.00
LAWRNCV_115KV_TB1 80681	12.18 -0.59 -0.39	12.28 -0.67 -0.33	10.41 -0.52 -0.37	11.07 -0.55 -0.36	11.86 -0.49 -0.36	20.18 -0.83 -0.23	29.97 -1.27 -0.18	33.45 -1.50 -0.10	25.59 -1.34 -0.15	20.12 -1.12 -0.19	20.44 -0.98 -0.16	20.36 -0.95 -0.20	19.49 -0.99 -0.27	22.50 -1.12 -0.22	25.10 -1.31 -0.19	27.58 -1.40 -0.32	34.09 -1.60 -0.24	38.53 -1.60 -0.21	50.96 -1.56 -0.57	61.29 -2.26 -0.66	67.83 -2.15 -0.51	55.00 -1.35 -0.25	43.33 -0.97 -0.06	35.22 -0.76 0.00
LEDERLE____ 23769	34.40 0.95 -21.06	31.61 0.96 -18.03	31.49 0.78 -20.15	31.49 0.85 -19.38	32.21 0.89 -19.33	35.14 1.60 -12.76	43.14 2.52 -9.56	43.45 2.96 -5.64	37.48 2.36 -8.35	32.94 1.96 -9.94	31.78 2.08 -8.45	33.62 2.03 -10.47	36.43 2.00 -14.21	37.53 2.41 -11.71	39.14 2.70 -10.23	48.60 3.01 -16.92	52.46 3.72 -13.28	54.98 4.23 -10.83	67.14 5.30 -9.89	74.22 6.35 -4.97	76.07 6.60 0.00	61.20 5.10 0.00	48.13 3.89 0.00	38.89 2.91 0.00
LIGHTHSE_115KV_TB6 355974	13.97 -0.14 -1.72	13.94 -0.15 -1.47	12.07 -0.14 -1.65	12.71 -0.15 -1.58	13.43 -0.14 -1.58	21.55 -0.27 -1.04	31.44 -0.40 -0.78	34.82 -0.49 -0.46	26.99 -0.46 -0.68	21.45 -0.42 -0.83	21.60 -0.36 -0.70	21.63 -0.36 -0.87	21.05 -0.34 -1.19	24.01 -0.37 -0.98	26.65 -0.42 -0.85	29.62 -0.46 -1.41	35.44 -0.67 -0.66	39.91 -0.64 -0.63	54.58 -0.57 -3.20	66.59 -0.57 -4.26	72.77 -0.28 -3.57	57.67 -0.17 -1.74	44.56 -0.13 -0.45	35.65 -0.32 0.00
LINDEN COGEN____ 23786	34.85 1.02 -21.45	31.99 1.01 -18.37	31.89 0.81 -20.52	31.88 0.88 -19.73	32.61 0.94 -19.68	35.45 1.68 -13.00	43.33 2.58 -9.69	43.70 3.10 -5.75	37.83 2.54 -8.51	33.37 2.19 -10.14	32.19 2.32 -8.61	34.06 2.26 -10.68	36.92 2.22 -14.49	38.02 2.67 -11.94	39.63 2.99 -10.43	49.27 3.35 -17.25	53.22 4.25 -13.52	55.72 4.79 -11.01	67.97 5.92 -10.09	74.95 6.98 -5.07	76.63 7.16 0.00	61.70 5.61 0.00	48.49 4.25 0.00	39.03 3.06 0.00
LINDHRST_69_KV_BK1 356055	49.36 1.33 -35.65	42.51 1.34 -28.56	44.86 1.08 -33.23	32.09 1.08 -19.73	32.86 1.19 -19.68	36.06 2.29 -13.00	44.35 3.54 -9.74	44.76 4.15 -5.76	38.44 3.16 -8.51	33.64 2.46 -10.13	32.50 2.64 -8.61	34.35 2.56 -10.68	37.31 2.61 -14.49	38.44 3.09 -11.94	40.16 3.51 -10.43	49.53 3.61 -17.25	52.93 3.97 -13.51	55.22 4.31 -10.99	62.40 5.40 -5.04	71.89 6.54 -2.46	69.63 6.74 6.58	61.53 5.44 0.00	49.47 5.22 -0.01	40.01 4.03 -0.01
LIPA_MISC_IPP 23656	49.23 1.19 -35.65	42.38 1.20 -28.56	44.78 0.99 -33.23	32.01 1.00 -19.73	32.78 1.10 -19.68	35.93 2.16 -13.00	44.13 3.32 -9.74	44.58 3.97 -5.76	38.28 3.00 -8.51	33.47 2.29 -10.13	32.36 2.49 -8.61	34.18 2.39 -10.68	37.17 2.47 -14.49	38.30 2.95 -11.94	40.00 3.36 -10.43	49.21 3.30 -17.25	52.54 3.58 -13.51	54.74 3.83 -10.98	60.50 4.73 -3.82	70.51 5.79 -1.83	67.19 5.91 8.19	60.92 4.82 0.00	49.16 4.91 -0.01	39.72 3.74 -0.01

LISF___SOLAR 323691	49.24 1.20 -35.65	42.40 1.22 -28.56	44.79 1.00 -33.23	32.02 1.01 -19.73	32.80 1.13 -19.68	35.97 2.20 -13.00	44.12 3.36 -9.70	44.62 4.01 -5.76	38.34 3.05 -8.51	33.50 2.32 -10.14	32.37 2.51 -8.61	34.20 2.41 -10.68	37.19 2.49 -14.49	38.32 2.97 -11.94	40.03 3.38 -10.43	49.32 3.41 -17.25	52.79 3.83 -13.51	55.18 4.27 -10.99	60.86 5.04 -3.87	70.98 6.23 -1.85	67.48 6.18 8.17	61.53 5.44 0.00	49.38 5.13 -0.01	39.79 3.81 -0.01
LITTLE FALLS___HYD 24013	12.13 -0.26 0.00	12.34 -0.28 0.00	10.32 -0.23 0.00	11.03 -0.24 0.00	11.77 -0.23 0.00	20.44 -0.33 0.00	30.60 -0.47 0.00	34.29 -0.56 0.00	26.21 -0.56 0.00	20.58 -0.46 0.00	20.70 -0.55 0.00	20.51 -0.61 0.00	19.40 -0.81 0.00	22.45 -0.96 0.00	25.19 -1.02 0.00	27.57 -1.09 0.00	34.21 -1.24 0.00	38.68 -1.24 0.00	50.66 -1.30 0.00	61.39 -1.51 0.00	68.01 -1.46 0.00	55.14 -0.95 0.00	43.75 -0.49 0.00	35.54 -0.43 0.00
LITTLRIV_115KV_TB1 356100	12.29 -0.51 -0.41	12.38 -0.59 -0.35	10.50 -0.45 -0.39	11.17 -0.48 -0.38	11.96 -0.41 -0.38	20.34 -0.69 -0.25	30.20 -1.06 -0.19	33.67 -1.29 -0.11	25.68 -1.26 -0.16	20.15 -1.09 -0.20	20.45 -0.98 -0.17	20.38 -0.95 -0.21	19.50 -0.99 -0.28	22.54 -1.10 -0.23	25.16 -1.26 -0.20	27.65 -1.35 -0.34	34.25 -1.45 -0.25	38.78 -1.36 -0.22	51.47 -1.09 -0.61	61.91 -1.70 -0.71	68.57 -1.46 -0.55	55.58 -0.79 -0.27	43.78 -0.53 -0.07	35.51 -0.47 0.00
LI_NEWBRDGE___DRP 323616	49.14 1.10 -35.65	42.30 1.12 -28.56	44.70 0.91 -33.23	31.90 0.89 -19.73	32.65 0.97 -19.68	35.62 1.85 -13.00	43.70 2.89 -9.74	43.99 3.38 -5.76	37.94 2.65 -8.51	33.28 2.10 -10.13	32.12 2.25 -8.61	33.97 2.18 -10.68	36.92 2.22 -14.49	37.97 2.62 -11.94	39.61 2.96 -10.43	48.96 3.04 -17.25	52.30 3.33 -13.51	54.46 3.55 -10.98	59.71 4.42 -3.34	69.70 5.22 -1.58	65.94 5.28 8.81	60.35 4.26 0.00	48.41 4.16 -0.01	39.22 3.24 -0.01
LOCKPORT_115KV_TB60_63_64 80432	12.77 -1.11 -1.50	12.93 -0.97 -1.28	11.19 -0.81 -1.44	11.79 -0.87 -1.39	12.31 -1.07 -1.38	19.77 -1.91 -0.91	28.56 -3.20 -0.70	31.69 -3.55 -0.39	24.79 -2.57 -0.59	19.74 -2.00 -0.69	19.74 -2.10 -0.58	19.74 -2.11 -0.73	19.67 -2.02 -1.48	21.86 -2.36 -0.82	24.15 -2.78 -0.71	26.74 -3.10 -1.17	31.93 -3.62 -0.09	35.62 -4.35 -0.05	45.92 -6.08 -0.04	56.22 -6.92 -0.24	62.53 -6.95 0.00	50.07 -6.00 0.02	39.85 -4.38 0.02	32.88 -3.09 0.00
LOCKPORT___CC1 323769	12.79 -1.10 -1.51	12.94 -0.96 -1.29	11.19 -0.81 -1.44	11.78 -0.88 -1.39	12.30 -1.08 -1.38	19.79 -1.89 -0.91	28.60 -3.14 -0.67	31.75 -3.48 -0.39	24.81 -2.54 -0.58	19.79 -1.96 -0.70	19.77 -2.08 -0.59	19.79 -2.07 -0.74	19.74 -1.96 -1.49	21.92 -2.32 -0.83	24.21 -2.73 -0.72	26.78 -3.10 -1.21	31.97 -3.58 -0.10	35.96 -4.03 -0.07	46.36 -5.66 -0.06	56.30 -6.85 -0.26	62.67 -6.81 0.00	50.19 -5.89 0.02	39.89 -4.33 0.02	32.77 -3.20 0.00
LOCKPORT___CC2 323770	12.79 -1.10 -1.51	12.94 -0.96 -1.29	11.19 -0.81 -1.44	11.78 -0.88 -1.39	12.30 -1.08 -1.38	19.79 -1.89 -0.91	28.60 -3.14 -0.67	31.75 -3.48 -0.39	24.81 -2.54 -0.58	19.79 -1.96 -0.70	19.77 -2.08 -0.59	19.79 -2.07 -0.74	19.74 -1.96 -1.49	21.92 -2.32 -0.83	24.21 -2.73 -0.72	26.78 -3.10 -1.21	31.97 -3.58 -0.10	35.96 -4.03 -0.07	46.36 -5.66 -0.06	56.30 -6.85 -0.26	62.67 -6.81 0.00	50.19 -5.89 0.02	39.89 -4.33 0.02	32.77 -3.20 0.00
LOCKPORT___CC3 323771	12.79 -1.10 -1.51	12.94 -0.96 -1.29	11.19 -0.81 -1.44	11.78 -0.88 -1.39	12.30 -1.08 -1.38	19.79 -1.89 -0.91	28.60 -3.14 -0.67	31.75 -3.48 -0.39	24.81 -2.54 -0.58	19.79 -1.96 -0.70	19.77 -2.08 -0.59	19.79 -2.07 -0.74	19.74 -1.96 -1.49	21.92 -2.32 -0.83	24.21 -2.73 -0.72	26.78 -3.10 -1.21	31.97 -3.58 -0.10	35.96 -4.03 -0.07	46.36 -5.66 -0.06	56.30 -6.85 -0.26	62.67 -6.81 0.00	50.19 -5.89 0.02	39.89 -4.33 0.02	32.77 -3.20 0.00
LOCUSVLY_69_KV_BK2 55797	49.23 1.19 -35.65	42.38 1.20 -28.56	44.76 0.97 -33.23	31.99 0.98 -19.73	32.74 1.07 -19.68	35.77 1.99 -13.00	43.92 3.11 -9.75	44.27 3.66 -5.76	38.15 2.86 -8.51	33.47 2.29 -10.13	32.33 2.47 -8.61	34.20 2.41 -10.68	37.13 2.43 -14.49	38.23 2.88 -11.94	39.89 3.25 -10.43	49.33 3.41 -17.25	52.83 3.86 -13.51	55.06 4.15 -10.99	64.11 5.20 -6.96	72.45 6.10 -3.45	71.60 6.18 4.06	61.14 5.05 0.00	48.90 4.65 -0.01	39.55 3.56 -0.01
LONG_LAKE_PHOENIX 24014	14.04 -0.20 -1.86	14.00 -0.20 -1.59	12.15 -0.18 -1.78	12.79 -0.19 -1.71	13.49 -0.20 -1.70	21.55 -0.35 -1.12	31.41 -0.50 -0.84	34.79 -0.56 -0.49	27.13 -0.37 -0.73	21.63 -0.32 -0.90	21.70 -0.32 -0.77	21.75 -0.32 -0.95	21.22 -0.28 -1.29	24.14 -0.33 -1.06	26.78 -0.37 -0.93	29.80 -0.40 -1.53	35.53 -0.64 -0.72	39.84 -0.80 -0.72	55.20 -1.14 -4.39	67.67 -1.20 -5.96	73.31 -1.25 -5.08	57.45 -1.12 -2.48	43.95 -0.93 -0.64	35.18 -0.79 0.00
LOVETT___3 23632	34.43 0.92 -21.13	31.63 0.92 -18.10	31.53 0.75 -20.22	31.51 0.80 -19.44	32.24 0.85 -19.39	35.12 1.54 -12.80	43.05 2.39 -9.59	43.33 2.82 -5.66	37.40 2.25 -8.38	32.92 1.89 -9.98	31.75 2.02 -8.47	33.59 1.96 -10.51	36.41 1.94 -14.26	37.50 2.34 -11.75	39.07 2.60 -10.26	48.51 2.87 -16.98	52.32 3.55 -13.32	54.81 4.03 -10.86	66.91 5.04 -9.92	73.92 6.04 -4.98	75.59 6.11 0.00	60.92 4.82 0.00	47.91 3.67 0.00	38.71 2.73 0.00
LOVETT___4 23642	34.43 0.92 -21.13	31.63 0.92 -18.10	31.53 0.75 -20.22	31.51 0.80 -19.44	32.24 0.85 -19.39	35.12 1.54 -12.80	43.05 2.39 -9.59	43.33 2.82 -5.66	37.40 2.25 -8.38	32.92 1.89 -9.98	31.75 2.02 -8.47	33.59 1.96 -10.51	36.41 1.94 -14.26	37.50 2.34 -11.75	39.07 2.60 -10.26	48.51 2.87 -16.98	52.32 3.55 -13.32	54.81 4.03 -10.86	66.91 5.04 -9.92	73.92 6.04 -4.98	75.59 6.11 0.00	60.92 4.82 0.00	47.91 3.67 0.00	38.71 2.73 0.00
LOVETT___5 23593	34.43 0.92 -21.13	31.63 0.92 -18.10	31.53 0.75 -20.22	31.51 0.80 -19.44	32.24 0.85 -19.39	35.12 1.54 -12.80	43.05 2.39 -9.59	43.33 2.82 -5.66	37.40 2.25 -8.38	32.92 1.89 -9.98	31.75 2.02 -8.47	33.59 1.96 -10.51	36.41 1.94 -14.26	37.50 2.34 -11.75	39.07 2.60 -10.26	48.51 2.87 -16.98	52.32 3.55 -13.32	54.81 4.03 -10.86	66.91 5.04 -9.92	73.92 6.04 -4.98	75.59 6.11 0.00	60.92 4.82 0.00	47.91 3.67 0.00	38.71 2.73 0.00
LOWER RAQUET___HYD 24057	12.15 -0.67 -0.44	12.25 -0.74 -0.37	10.39 -0.58 -0.42	11.05 -0.62 -0.40	11.84 -0.55 -0.40	20.08 -0.96 -0.26	29.80 -1.46 -0.20	33.26 -1.71 -0.12	25.45 -1.50 -0.17	20.01 -1.24 -0.21	20.33 -1.11 -0.18	20.26 -1.08 -0.22	19.40 -1.11 -0.30	22.37 -1.29 -0.25	24.96 -1.47 -0.22	27.42 -1.60 -0.36	33.77 -1.95 -0.27	38.24 -1.92 -0.24	50.69 -1.92 -0.65	61.02 -2.64 -0.76	67.63 -2.43 -0.59	54.87 -1.51 -0.29	43.21 -1.10 -0.07	35.11 -0.86 0.00
LOWER___HUDSON 24059	37.81 0.58 -24.84	34.50 0.61 -21.28	34.83 0.50 -23.77	34.66 0.53 -22.86	35.35 0.55 -22.80	36.81 0.98 -15.05	43.86 1.58 -11.21	43.20 1.71 -6.65	37.93 1.31 -9.84	33.68 0.92 -11.71	32.10 0.89 -9.95	34.37 0.91 -12.34	37.81 0.85 -16.75	38.14 0.94 -13.80	39.29 1.02 -12.05	49.63 1.03 -19.94	51.99 1.45 -15.08	53.96 1.75 -12.29	65.62 2.39 -11.27	71.66 3.02 -5.74	72.53 3.05 0.00	58.62 2.53 0.00	46.14 1.90 0.00	37.77 1.80 0.00

LOWVILLE_115KV_TB2 356335	12.95 -0.43 -1.00	12.99 -0.48 -0.85	11.11 -0.40 -0.95	11.77 -0.42 -0.92	12.51 -0.40 -0.92	20.72 -0.66 -0.60	30.49 -1.03 -0.45	33.96 -1.15 -0.27	25.93 -1.23 -0.39	20.45 -1.07 -0.48	20.62 -1.04 -0.41	20.61 -1.01 -0.50	19.88 -1.01 -0.68	22.87 -1.10 -0.56	25.47 -1.23 -0.49	28.22 -1.26 -0.81	34.54 -1.52 -0.62	39.34 -1.12 -0.53	53.87 0.47 -1.45	65.08 0.50 -1.68	71.75 0.97 -1.31	57.68 0.95 -0.64	45.25 0.84 -0.16	36.30 0.32 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	38.24 0.69 -25.16	34.90 0.73 -21.55	35.23 0.60 -24.07	35.04 0.62 -23.15	35.74 0.66 -23.09	37.18 1.16 -15.25	44.57 2.08 -11.42	43.78 2.23 -6.70	38.30 1.61 -9.92	33.90 1.05 -11.80	32.26 0.98 -10.03	34.52 0.97 -12.43	38.01 0.93 -16.87	38.36 1.05 -13.90	39.54 1.18 -12.14	50.06 1.29 -20.11	52.47 1.81 -15.21	54.63 2.32 -12.39	66.54 3.27 -11.32	72.87 4.21 -5.76	73.92 4.45 0.00	59.74 3.65 0.00	46.94 2.70 0.00	38.24 2.27 0.00
LUTHERNY_35_KV_BK2 355980	38.25 0.71 -25.16	34.90 0.73 -21.55	35.23 0.60 -24.07	35.05 0.63 -23.15	35.75 0.67 -23.09	37.21 1.18 -15.25	44.60 2.11 -11.42	43.81 2.27 -6.70	38.30 1.61 -9.92	33.90 1.05 -11.80	32.26 0.98 -10.03	34.52 0.97 -12.43	38.01 0.93 -16.87	38.36 1.05 -13.90	39.56 1.21 -12.14	50.09 1.32 -20.11	52.51 1.84 -15.21	54.67 2.36 -12.39	66.54 3.27 -11.32	72.94 4.28 -5.76	73.99 4.52 0.00	59.79 3.70 0.00	46.98 2.74 0.00	38.24 2.27 0.00
LWR__OSWEGATCHIE_HYD 23850	12.50 -0.62 -0.73	12.56 -0.68 -0.63	10.71 -0.55 -0.70	11.36 -0.59 -0.68	12.13 -0.54 -0.67	20.31 -0.91 -0.44	29.97 -1.43 -0.33	33.41 -1.64 -0.20	25.51 -1.55 -0.29	20.09 -1.30 -0.35	20.34 -1.21 -0.30	20.31 -1.18 -0.37	19.52 -1.19 -0.50	22.49 -1.33 -0.41	25.06 -1.52 -0.36	27.66 -1.61 -0.60	33.92 -1.99 -0.45	38.48 -1.84 -0.40	51.86 -1.25 -1.16	62.56 -1.70 -1.37	69.02 -1.53 -1.08	55.72 -0.90 -0.53	43.85 -0.53 -0.14	35.36 -0.61 0.00
LYONS_FALL_HYD 23570	13.17 -0.20 -0.98	13.22 -0.24 -0.84	11.29 -0.20 -0.94	11.97 -0.20 -0.90	12.71 -0.18 -0.90	21.08 -0.29 -0.59	31.07 -0.43 -0.44	34.62 -0.49 -0.26	26.52 -0.64 -0.39	20.93 -0.59 -0.47	21.06 -0.60 -0.40	21.06 -0.55 -0.49	20.32 -0.57 -0.67	23.38 -0.58 -0.55	26.07 -0.63 -0.48	28.83 -0.63 -0.80	35.35 -0.71 -0.60	40.00 -0.44 -0.52	54.11 0.88 -1.27	65.32 1.00 -1.42	71.93 1.39 -1.07	57.91 1.29 -0.52	45.44 1.06 -0.13	36.48 0.50 0.00
MADISON__COUNTY_LFGE 323628	14.02 0.22 -1.42	14.06 0.23 -1.21	12.09 0.18 -1.35	12.76 0.19 -1.30	13.51 0.22 -1.30	22.03 0.39 -0.86	32.36 0.65 -0.64	35.96 0.73 -0.38	27.76 0.43 -0.56	21.99 0.27 -0.67	22.08 0.26 -0.57	22.08 0.25 -0.71	21.42 0.24 -0.96	24.55 0.35 -0.79	27.30 0.39 -0.69	30.30 0.49 -1.15	36.99 0.67 -0.87	41.65 1.00 -0.73	54.86 1.45 -1.45	66.15 1.76 -1.50	72.61 2.08 -1.05	58.35 1.74 -0.51	45.70 1.33 -0.13	36.80 0.83 0.00
MALONE__115KV_TB1 356076	12.09 -0.30 0.00	12.25 -0.37 0.00	10.29 -0.26 0.00	10.98 -0.29 0.00	11.75 -0.24 0.00	20.38 -0.39 0.00	30.51 -0.56 0.00	34.19 -0.66 0.00	26.16 -0.62 0.00	20.52 -0.53 0.00	20.81 -0.45 0.00	20.68 -0.44 0.00	19.71 -0.51 0.00	22.85 -0.56 0.00	25.64 -0.58 0.00	28.06 -0.60 0.00	34.95 -0.50 0.00	39.52 -0.40 0.00	51.69 -0.26 0.00	62.27 -0.63 0.00	69.19 -0.28 0.00	55.81 -0.28 0.00	43.98 -0.27 0.00	35.72 -0.25 0.00
MAPLEWOD_115KV_TB3 80458	37.59 0.51 -24.69	34.29 0.53 -21.15	34.62 0.43 -23.63	34.44 0.45 -22.72	35.13 0.48 -22.66	36.57 0.83 -14.96	43.55 1.27 -11.21	42.89 1.43 -6.61	37.66 1.10 -9.79	33.52 0.82 -11.65	31.96 0.81 -9.90	34.19 0.80 -12.27	37.64 0.77 -16.66	38.00 0.87 -13.72	39.14 0.94 -11.98	49.53 1.03 -19.83	52.17 1.38 -15.33	54.09 1.68 -12.49	65.35 2.23 -11.16	71.41 2.83 -5.68	72.32 2.85 0.00	58.45 2.36 0.00	46.01 1.77 0.00	37.45 1.47 0.00
MAPLE_RIDGE_WT_1 323574	12.05 -0.33 0.00	12.26 -0.35 0.00	10.27 -0.28 0.00	10.98 -0.29 0.00	11.69 -0.30 0.00	20.28 -0.50 0.00	30.29 -0.78 0.00	33.98 -0.87 0.00	26.10 -0.67 0.00	20.50 -0.55 0.00	20.72 -0.53 0.00	20.57 -0.55 0.00	19.69 -0.53 0.00	22.82 -0.58 0.00	25.59 -0.63 0.00	28.03 -0.63 0.00	34.70 -0.75 0.00	39.20 -0.72 0.00	51.18 -0.78 0.00	61.95 -0.94 0.00	68.64 -0.83 0.00	55.53 -0.56 0.00	43.89 -0.36 0.00	35.76 -0.21 0.00
MAPLE_RIDGE_WT_2 323611	12.05 -0.33 0.00	12.26 -0.35 0.00	10.27 -0.28 0.00	10.98 -0.29 0.00	11.69 -0.30 0.00	20.28 -0.50 0.00	30.29 -0.78 0.00	33.98 -0.87 0.00	26.10 -0.67 0.00	20.50 -0.55 0.00	20.72 -0.53 0.00	20.57 -0.55 0.00	19.69 -0.53 0.00	22.82 -0.58 0.00	25.59 -0.63 0.00	28.03 -0.63 0.00	34.70 -0.75 0.00	39.20 -0.72 0.00	51.18 -0.78 0.00	61.95 -0.94 0.00	68.64 -0.83 0.00	55.53 -0.56 0.00	43.89 -0.36 0.00	35.76 -0.21 0.00
MARBLE_RIVER_WT_PWR 323696	12.01 -0.37 0.00	12.19 -0.43 0.00	10.22 -0.34 0.00	10.92 -0.35 0.00	11.66 -0.34 0.00	20.19 -0.58 0.00	30.16 -0.90 0.00	33.80 -1.04 0.00	25.94 -0.83 0.00	20.37 -0.67 0.00	20.64 -0.62 0.00	20.49 -0.63 0.00	19.54 -0.67 0.00	22.66 -0.75 0.00	25.43 -0.79 0.00	27.81 -0.86 0.00	34.42 -1.03 0.00	38.96 -0.96 0.00	50.92 -1.04 0.00	61.45 -1.44 0.00	68.22 -1.25 0.00	55.14 -0.95 0.00	43.45 -0.80 0.00	35.36 -0.61 0.00
MARSHVLE_115KV_TB1 80742	41.39 0.83 -28.17	37.60 0.86 -24.13	38.22 0.71 -26.96	37.94 0.74 -25.92	38.65 0.80 -25.85	39.28 1.43 -17.07	46.21 2.36 -12.79	44.49 2.33 -7.31	38.80 1.20 -10.82	34.51 0.59 -12.88	32.56 0.36 -10.94	35.02 0.34 -13.56	38.91 0.36 -18.33	39.14 0.56 -15.17	40.09 0.63 -13.25	51.62 1.03 -21.92	54.16 1.67 -17.04	56.48 2.67 -13.89	68.35 3.79 -12.60	74.40 5.16 -6.35	75.10 5.63 0.00	60.53 4.43 0.00	47.61 3.36 0.00	38.53 2.55 0.00
MARSH_HILL_WT_PWR 323713	12.69 -1.21 -1.52	12.69 -1.22 -1.30	11.01 -1.02 -1.47	11.58 -1.10 -1.42	12.21 -1.20 -1.41	19.66 -2.04 -0.92	28.73 -3.01 -0.68	31.16 -4.08 -0.39	24.30 -3.05 -0.58	19.18 -2.57 -0.70	19.11 -2.74 -0.59	19.01 -2.85 -0.74	23.92 -2.69 -6.40	21.18 -3.07 -0.83	23.66 -3.28 -0.72	27.11 -2.78 -1.22	31.79 -2.98 0.69	36.79 -2.56 0.58	48.14 -3.27 0.54	59.53 -3.52 -0.15	65.93 -3.54 0.00	53.48 -2.58 0.03	42.22 -1.99 0.03	34.21 -1.76 0.00
MCINTYRE_115KV_TB2 80467	12.40 -0.36 -0.37	12.51 -0.43 -0.32	10.60 -0.32 -0.36	11.28 -0.34 -0.34	12.07 -0.26 -0.34	20.57 -0.44 -0.23	30.55 -0.68 -0.17	34.04 -0.91 -0.10	25.90 -1.02 -0.15	20.30 -0.93 -0.18	20.60 -0.81 -0.15	20.53 -0.78 -0.19	19.64 -0.83 -0.26	22.68 -0.94 -0.21	25.38 -1.02 -0.18	27.88 -1.09 -0.31	34.62 -1.06 -0.23	39.24 -0.88 -0.20	51.98 -0.52 -0.55	62.59 -0.94 -0.63	69.34 -0.63 -0.49	56.22 -0.11 -0.24	44.21 -0.09 -0.06	35.87 -0.11 0.00
MECO____69_KV_BK1 80468	40.20 0.89 -26.92	36.60 0.92 -23.06	37.08 0.76 -25.76	36.83 0.79 -24.77	37.57 0.86 -24.71	38.61 1.52 -16.31	45.71 2.42 -12.22	44.29 2.37 -7.07	38.49 1.26 -10.46	34.13 0.63 -12.45	32.26 0.43 -10.58	34.59 0.36 -13.11	38.37 0.36 -17.80	38.56 0.49 -14.66	39.65 0.63 -12.81	50.86 1.00 -21.19	53.62 1.67 -16.50	56.08 2.71 -13.45	68.29 4.10 -12.23	74.73 5.66 -6.17	75.66 6.18 0.00	60.92 4.82 0.00	47.83 3.58 0.00	38.71 2.73 0.00

MENANDS__115KV_TB5 355628	37.50 0.46 -24.65	34.22 0.49 -21.11	34.54 0.39 -23.59	34.37 0.42 -22.68	35.06 0.44 -22.62	36.48 0.77 -14.94	43.43 1.18 -11.19	42.74 1.29 -6.60	37.57 1.02 -9.78	33.46 0.78 -11.63	31.90 0.77 -9.88	34.16 0.78 -12.25	37.57 0.73 -16.63	37.91 0.80 -13.70	39.07 0.89 -11.97	49.44 0.97 -19.81	52.04 1.28 -15.31	53.95 1.56 -12.48	65.13 2.03 -11.14	71.09 2.52 -5.68	71.97 2.50 0.00	58.17 2.08 0.00	45.83 1.59 0.00	37.34 1.37 0.00
MG INDUSTRY__DRP 24185	37.13 0.45 -24.30	33.89 0.47 -20.81	34.19 0.38 -23.25	34.03 0.41 -22.36	34.71 0.42 -22.30	36.23 0.73 -14.72	43.18 1.09 -11.03	42.48 1.12 -6.52	37.22 0.80 -9.65	33.13 0.61 -11.48	31.58 0.57 -9.75	33.78 0.57 -12.09	37.15 0.53 -16.41	37.54 0.61 -13.52	38.73 0.71 -11.81	49.01 0.80 -19.54	51.67 1.10 -15.12	53.63 1.40 -12.32	64.87 1.92 -11.00	70.88 2.39 -5.60	72.04 2.57 0.00	58.22 2.13 0.00	45.88 1.64 0.00	37.34 1.37 0.00
MID__OSWEGATCHIE_HYD 23849	12.50 -0.62 -0.73	12.56 -0.68 -0.63	10.71 -0.55 -0.70	11.36 -0.59 -0.68	12.13 -0.54 -0.67	20.31 -0.91 -0.44	29.97 -1.43 -0.33	33.41 -1.64 -0.20	25.51 -1.55 -0.29	20.09 -1.30 -0.35	20.34 -1.21 -0.30	20.31 -1.18 -0.37	19.52 -1.19 -0.50	22.49 -1.33 -0.41	25.06 -1.52 -0.36	27.66 -1.61 -0.60	33.92 -1.99 -0.45	38.48 -1.84 -0.40	51.86 -1.25 -1.16	62.56 -1.70 -1.37	69.02 -1.53 -1.08	55.72 -0.90 -0.53	43.85 -0.53 -0.14	35.36 -0.61 0.00
MID__RAQUETTE_HYD 23851	12.15 -0.67 -0.44	12.25 -0.74 -0.37	10.39 -0.58 -0.42	11.05 -0.62 -0.40	11.84 -0.55 -0.40	20.08 -0.96 -0.26	29.80 -1.46 -0.20	33.26 -1.71 -0.12	25.45 -1.50 -0.17	20.01 -1.24 -0.21	20.33 -1.11 -0.18	20.26 -1.08 -0.22	19.40 -1.11 -0.30	22.37 -1.29 -0.25	24.96 -1.47 -0.22	27.42 -1.61 -0.36	33.88 -1.84 -0.27	38.28 -1.88 -0.24	50.84 -1.77 -0.65	61.08 -2.58 -0.76	67.63 -2.43 -0.59	54.87 -1.51 -0.29	43.21 -1.11 -0.07	35.11 -0.86 0.00
MILLIKEN__1 23584	16.53 0.24 -3.91	16.18 0.21 -3.35	14.48 0.18 -3.75	15.05 0.18 -3.60	15.80 0.22 -3.59	23.54 0.39 -2.37	33.53 0.68 -1.78	36.58 0.70 -1.04	28.84 0.54 -1.54	23.18 0.29 -1.84	23.07 0.26 -1.56	23.27 0.21 -1.94	23.28 0.24 -2.82	25.88 0.30 -2.17	28.45 0.34 -1.90	32.26 0.46 -3.13	37.57 0.57 -1.55	42.09 0.88 -1.30	55.40 1.04 -2.41	66.95 1.45 -2.61	72.77 1.60 -1.70	58.15 1.23 -0.82	45.38 0.93 -0.21	36.58 0.61 0.00
MILLIKEN__2 23585	16.53 0.24 -3.91	16.18 0.21 -3.35	14.48 0.18 -3.75	15.05 0.18 -3.60	15.80 0.22 -3.59	23.54 0.39 -2.37	33.53 0.68 -1.78	36.58 0.70 -1.04	28.84 0.54 -1.54	23.18 0.29 -1.84	23.07 0.26 -1.56	23.27 0.21 -1.94	23.28 0.24 -2.82	25.88 0.30 -2.17	28.45 0.34 -1.90	32.26 0.46 -3.13	37.57 0.57 -1.55	42.09 0.88 -1.30	55.40 1.04 -2.41	66.95 1.45 -2.61	72.77 1.60 -1.70	58.15 1.23 -0.82	45.38 0.93 -0.21	36.58 0.61 0.00
MILLIKEN__DIESEL 23629	16.53 0.24 -3.91	16.18 0.21 -3.35	14.48 0.18 -3.75	15.05 0.18 -3.60	15.80 0.22 -3.59	23.54 0.39 -2.37	33.53 0.68 -1.78	36.58 0.70 -1.04	28.84 0.54 -1.54	23.18 0.29 -1.84	23.07 0.26 -1.56	23.27 0.21 -1.94	23.28 0.24 -2.82	25.88 0.30 -2.17	28.45 0.34 -1.90	32.26 0.46 -3.13	37.57 0.57 -1.55	42.09 0.88 -1.30	55.40 1.04 -2.41	66.95 1.45 -2.61	72.77 1.60 -1.70	58.15 1.23 -0.82	45.38 0.93 -0.21	36.58 0.61 0.00
MILLSEAT__LFGE 323607	13.00 -0.90 -1.51	13.14 -0.77 -1.29	11.34 -0.66 -1.45	11.97 -0.70 -1.39	12.48 -0.90 -1.39	20.15 -1.54 -0.91	29.16 -2.58 -0.68	32.42 -2.82 -0.39	25.27 -2.09 -0.59	20.11 -1.64 -0.71	20.11 -1.74 -0.60	20.11 -1.75 -0.75	20.00 -1.68 -1.46	22.30 -1.94 -0.84	24.66 -2.28 -0.73	27.27 -2.61 -1.22	32.61 -2.98 -0.14	36.82 -3.19 -0.10	47.48 -4.57 -0.09	57.68 -5.47 -0.26	64.26 -5.21 0.00	51.48 -4.60 0.01	40.78 -3.45 0.01	33.35 -2.62 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	34.72 0.94 -21.39	31.88 0.95 -18.32	31.79 0.77 -20.47	31.77 0.82 -19.68	32.50 0.88 -19.63	35.32 1.58 -12.96	43.20 2.42 -9.71	43.48 2.89 -5.73	37.56 2.30 -8.49	33.08 1.94 -10.10	31.90 2.06 -8.58	33.79 2.03 -10.64	36.65 2.00 -14.44	37.69 2.39 -11.90	39.28 2.67 -10.39	48.81 2.95 -17.20	52.57 3.65 -13.47	55.01 4.11 -10.98	67.12 5.14 -10.03	74.10 6.16 -5.04	75.73 6.25 0.00	61.03 4.94 0.00	48.05 3.80 0.00	38.82 2.84 0.00
MILLWOOD_13_KV_LOAD 356217	34.73 0.95 -21.39	31.91 0.97 -18.32	31.81 0.78 -20.47	31.80 0.85 -19.68	32.52 0.90 -19.63	35.34 1.60 -12.96	43.26 2.49 -9.71	43.51 2.93 -5.73	37.62 2.36 -8.49	33.13 1.98 -10.10	31.94 2.10 -8.58	33.81 2.05 -10.64	36.69 2.04 -14.44	37.76 2.46 -11.90	39.36 2.75 -10.39	48.90 3.04 -17.20	52.68 3.76 -13.47	55.13 4.23 -10.98	67.28 5.30 -10.03	74.29 6.35 -5.04	75.93 6.46 0.00	61.20 5.10 0.00	48.13 3.89 0.00	38.85 2.88 0.00
MODEL_CITY_ENERGY 24167	12.69 -1.20 -1.50	12.84 -1.06 -1.28	11.13 -0.87 -1.43	11.73 -0.92 -1.38	12.24 -1.13 -1.37	19.58 -2.10 -0.90	28.19 -3.54 -0.67	31.34 -3.90 -0.39	24.49 -2.86 -0.58	19.54 -2.21 -0.70	19.51 -2.34 -0.59	19.54 -2.32 -0.74	19.47 -2.24 -1.50	21.64 -2.60 -0.83	23.90 -3.04 -0.72	26.43 -3.44 -1.21	31.82 -3.72 -0.09	35.67 -4.31 -0.06	45.83 -6.18 -0.06	55.54 -7.61 -0.26	61.76 -7.71 0.00	49.46 -6.62 0.02	39.31 -4.91 0.02	32.30 -3.67 0.00
MODERN_LFGE__ 323580	12.69 -1.20 -1.50	12.84 -1.06 -1.28	11.13 -0.87 -1.43	11.73 -0.92 -1.38	12.24 -1.13 -1.37	19.58 -2.10 -0.90	28.19 -3.54 -0.67	31.34 -3.90 -0.39	24.49 -2.86 -0.58	19.54 -2.21 -0.70	19.51 -2.34 -0.59	19.54 -2.32 -0.74	19.47 -2.24 -1.50	21.64 -2.60 -0.83	23.90 -3.04 -0.72	26.43 -3.44 -1.21	31.82 -3.72 -0.09	35.67 -4.31 -0.06	45.83 -6.18 -0.06	55.54 -7.61 -0.26	61.76 -7.71 0.00	49.46 -6.62 0.02	39.31 -4.91 0.02	32.30 -3.67 0.00
MOHAWK_PAPER__DRP 24187	37.59 0.51 -24.69	34.29 0.53 -21.15	34.62 0.43 -23.63	34.44 0.45 -22.72	35.13 0.48 -22.66	36.57 0.83 -14.96	43.55 1.27 -11.21	42.89 1.43 -6.61	37.66 1.10 -9.79	33.52 0.82 -11.65	31.96 0.81 -9.90	34.19 0.80 -12.27	37.64 0.77 -16.66	38.00 0.87 -13.72	39.14 0.94 -11.98	49.53 1.03 -19.83	52.17 1.38 -15.33	54.09 1.68 -12.49	65.35 2.23 -11.16	71.41 2.83 -5.68	72.32 2.85 0.00	58.45 2.36 0.00	46.01 1.77 0.00	37.45 1.47 0.00
MOHICAN__35_KV_115KV_LD 80490	38.39 0.83 -25.18	35.05 0.87 -21.56	35.35 0.71 -24.09	35.17 0.73 -23.17	35.89 0.79 -23.10	37.42 1.39 -15.26	44.91 2.42 -11.43	44.14 2.58 -6.72	38.51 1.79 -9.94	34.01 1.14 -11.83	32.35 1.04 -10.05	34.62 1.03 -12.46	38.12 0.99 -16.92	38.47 1.12 -13.94	39.67 1.28 -12.17	50.18 1.35 -20.17	52.66 1.95 -15.26	54.86 2.51 -12.43	66.94 3.64 -11.35	73.46 4.78 -5.78	74.61 5.14 0.00	60.41 4.32 0.00	47.34 3.10 0.00	38.56 2.59 0.00
MONGAUP__HYD 23641	33.76 0.77 -20.61	31.02 0.76 -17.65	30.90 0.62 -19.72	30.88 0.65 -18.96	31.60 0.70 -18.91	34.53 1.27 -12.49	42.32 1.96 -9.30	42.63 2.26 -5.52	36.63 1.69 -8.17	32.26 1.49 -9.72	31.08 1.57 -8.26	32.88 1.52 -10.24	35.53 1.50 -13.82	36.66 1.80 -11.45	38.26 2.05 -10.00	47.53 2.32 -16.54	51.37 3.01 -12.91	54.11 3.67 -10.52	66.13 4.52 -9.66	73.41 5.66 -4.85	75.24 5.76 0.00	60.58 4.49 0.00	47.60 3.36 0.00	38.35 2.37 0.00

MONTAUK___DIESEL 23721	48.91 0.87 -35.65	42.05 0.87 -28.56	44.48 0.70 -33.23	31.70 0.70 -19.73	32.48 0.80 -19.68	35.43 1.66 -13.00	43.39 2.58 -9.74	44.23 3.62 -5.76	37.94 2.65 -8.51	33.15 1.98 -10.13	32.06 2.19 -8.61	33.87 2.07 -10.68	36.88 2.18 -14.49	37.99 2.65 -11.94	39.71 3.07 -10.43	48.93 3.01 -17.25	52.23 3.26 -13.51	53.98 3.07 -10.98	59.73 3.95 -3.82	69.76 5.03 -1.83	66.29 5.00 8.18	60.19 4.09 0.00	48.32 4.07 -0.01	38.86 2.88 -0.01
MOONROAD_115KV_HARTFLD_TB1-2 355988	12.71 -1.16 -1.49	12.77 -1.12 -1.27	11.07 -0.93 -1.44	11.69 -0.96 -1.38	12.27 -1.10 -1.38	19.68 -1.99 -0.90	28.68 -3.08 -0.69	31.89 -3.35 -0.39	24.95 -2.41 -0.59	19.80 -1.94 -0.69	19.78 -2.06 -0.58	19.78 -2.07 -0.73	19.92 -1.90 -1.61	22.09 -2.13 -0.81	24.64 -2.28 -0.71	27.74 -2.09 -1.17	33.03 -2.38 0.05	37.78 -2.08 0.06	49.18 -2.70 0.07	59.86 -3.27 -0.23	65.79 -3.68 0.00	53.38 -2.69 0.02	42.32 -1.90 0.02	34.50 -1.47 0.00
MORRIS_RIDGE___SOLAR 323848	12.86 -0.99 -1.46	12.91 -0.96 -1.25	11.16 -0.81 -1.42	11.77 -0.87 -1.36	12.38 -0.97 -1.36	20.00 -1.66 -0.89	29.17 -2.55 -0.65	31.77 -3.45 -0.37	24.76 -2.57 -0.56	19.65 -2.06 -0.67	19.57 -2.25 -0.57	19.46 -2.36 -0.71	4.01 -2.24 13.95	21.63 -2.58 -0.79	24.10 -2.80 -0.69	27.40 -2.44 -1.18	32.35 -2.73 0.37	37.12 -2.48 0.33	48.33 -3.33 0.30	59.39 -3.71 -0.21	65.44 -4.03 0.00	52.93 -3.14 0.03	41.78 -2.43 0.03	33.96 -2.01 0.00
MORTIMER_115KV_TB3 55949	13.36 -0.57 -1.55	13.47 -0.47 -1.32	11.59 -0.45 -1.49	12.23 -0.47 -1.43	12.78 -0.64 -1.43	20.78 -0.93 -0.94	30.32 -1.46 -0.71	33.66 -1.60 -0.41	26.18 -1.20 -0.61	20.86 -0.90 -0.72	20.91 -0.96 -0.61	20.95 -0.93 -0.76	21.09 -0.85 -1.72	23.22 -1.03 -0.85	25.72 -1.23 -0.74	28.39 -1.49 -1.22	33.60 -2.13 -0.27	37.85 -2.28 -0.20	48.86 -3.27 -0.18	59.76 -3.40 -0.26	66.62 -2.85 0.00	53.11 -2.97 0.01	42.06 -2.17 0.01	34.50 -1.47 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	34.86 1.03 -21.45	32.02 1.03 -18.37	31.91 0.83 -20.52	31.91 0.90 -19.73	32.62 0.95 -19.68	35.47 1.70 -13.00	43.41 2.61 -9.73	43.73 3.14 -5.75	37.83 2.54 -8.51	33.34 2.17 -10.13	32.17 2.30 -8.61	34.06 2.26 -10.68	36.90 2.20 -14.49	38.02 2.67 -11.94	39.61 2.96 -10.43	49.19 3.27 -17.25	53.01 4.04 -13.51	55.48 4.55 -11.01	67.67 5.66 -10.05	74.68 6.73 -5.05	76.35 6.88 0.00	61.48 5.38 0.00	48.36 4.11 0.00	39.03 3.06 0.00
MUNSVILLE_WIND_PWR 323609	20.21 0.47 -7.35	19.36 0.44 -6.30	17.96 0.37 -7.03	18.44 0.41 -6.76	19.19 0.46 -6.74	26.04 0.81 -4.45	36.04 1.74 -3.24	38.69 1.92 -1.92	30.74 1.12 -2.85	25.07 0.63 -3.40	24.59 0.45 -2.89	25.20 0.51 -3.58	25.35 0.44 -4.70	28.11 0.70 -4.00	30.60 0.89 -3.49	35.62 1.18 -5.78	42.27 1.98 -4.84	46.77 2.88 -3.98	59.95 3.48 -4.51	70.09 4.21 -2.98	75.63 5.07 -1.08	61.06 4.43 -0.53	47.84 3.45 -0.14	38.24 2.27 0.00
N SALMON___HYD 24042	12.09 -0.30 0.00	12.25 -0.37 0.00	10.29 -0.26 0.00	10.98 -0.29 0.00	11.75 -0.24 0.00	20.38 -0.40 0.00	30.51 -0.56 0.00	34.19 -0.66 0.00	26.16 -0.61 0.00	20.52 -0.53 0.00	20.81 -0.45 0.00	20.67 -0.44 0.00	19.71 -0.50 0.00	22.85 -0.56 0.00	25.64 -0.58 0.00	28.06 -0.60 0.00	34.85 -0.60 0.00	39.48 -0.44 0.00	51.59 -0.36 0.00	62.21 -0.69 0.00	69.20 -0.28 0.00	55.81 -0.28 0.00	43.98 -0.26 0.00	35.72 -0.25 0.00
N.AKRON__115KV_KNAPP 355671	12.97 -0.92 -1.50	13.12 -0.78 -1.29	11.34 -0.67 -1.45	11.95 -0.71 -1.39	12.47 -0.91 -1.39	20.13 -1.56 -0.91	29.15 -2.61 -0.70	32.35 -2.89 -0.40	25.28 -2.09 -0.59	20.10 -1.64 -0.69	20.08 -1.76 -0.59	20.08 -1.77 -0.73	19.97 -1.70 -1.46	22.26 -1.97 -0.82	24.62 -2.31 -0.71	27.26 -2.58 -1.18	32.52 -3.05 -0.12	36.40 -3.59 -0.07	47.03 -4.99 -0.06	57.54 -5.60 -0.25	64.12 -5.35 0.00	51.31 -4.77 0.01	40.73 -3.50 0.01	33.49 -2.48 0.00
N.BELMOR_69_KV_BK1 55787	49.27 1.23 -35.65	42.41 1.24 -28.56	44.78 0.99 -33.23	32.00 0.99 -19.73	32.76 1.08 -19.68	35.83 2.06 -13.00	44.01 3.20 -9.75	44.34 3.73 -5.76	38.18 2.89 -8.51	33.47 2.29 -10.13	32.31 2.44 -8.61	34.18 2.39 -10.68	37.13 2.43 -14.49	38.20 2.86 -11.94	39.87 3.22 -10.43	49.27 3.35 -17.25	52.72 3.76 -13.51	54.98 4.07 -10.99	63.77 5.09 -6.73	72.33 6.10 -3.33	71.36 6.25 4.37	61.14 5.05 0.00	48.95 4.69 -0.01	39.62 3.63 -0.01
N.E_GEN_SANDY PD 24062	36.50 0.71 -23.41	36.00 0.72 -22.66	36.80 0.59 -25.65	35.90 0.63 -24.00	37.30 0.67 -24.64	41.89 1.18 -19.93	43.56 1.77 -10.73	43.12 1.99 -6.28	37.65 1.58 -9.30	33.35 1.24 -11.06	31.89 1.23 -9.40	34.04 1.27 -11.65	37.20 1.17 -15.82	37.75 1.31 -13.03	39.04 1.44 -11.38	49.04 1.55 -18.83	52.10 2.06 -14.59	54.20 2.39 -11.89	65.91 3.06 -10.89	72.17 3.77 -5.50	73.15 3.68 0.00	59.12 3.03 0.00	46.63 2.39 0.00	38.06 2.09 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	34.40 0.93 -21.08	31.61 0.93 -18.05	31.49 0.76 -20.17	31.48 0.81 -19.40	32.20 0.86 -19.35	35.11 1.56 -12.77	43.06 2.42 -9.57	43.36 2.86 -5.65	37.41 2.28 -8.36	32.91 1.92 -9.95	31.73 2.02 -8.45	33.59 1.99 -10.48	36.40 1.96 -14.23	37.47 2.34 -11.72	39.08 2.62 -10.24	48.53 2.92 -16.94	52.36 3.62 -13.30	54.87 4.11 -10.84	66.99 5.14 -9.90	74.03 6.16 -4.97	75.79 6.32 0.00	61.03 4.94 0.00	48.00 3.76 0.00	38.78 2.81 0.00
N.QUEENS_27_KV_LOAD 356247	35.01 1.18 -21.45	32.19 1.20 -18.37	32.07 0.98 -20.53	32.06 1.05 -19.74	32.79 1.12 -19.68	35.64 1.87 -13.00	43.38 2.58 -9.73	43.80 3.21 -5.75	38.02 2.73 -8.51	33.54 2.36 -10.14	32.33 2.44 -8.63	34.19 2.39 -10.69	37.05 2.34 -14.50	38.13 2.79 -11.94	39.71 3.07 -10.43	49.33 3.41 -17.25	53.25 4.29 -13.51	55.67 4.75 -11.01	67.93 5.92 -10.05	74.93 6.98 -5.05	76.49 7.02 0.00	61.81 5.72 0.00	48.67 4.42 0.00	39.35 3.38 0.00
N.TROY___115KV_TB1 355778	37.81 0.58 -24.84	34.50 0.61 -21.28	34.83 0.50 -23.77	34.66 0.53 -22.86	35.35 0.55 -22.80	36.81 0.98 -15.05	43.93 1.58 -11.28	43.20 1.71 -6.65	37.93 1.31 -9.84	33.68 0.93 -11.71	32.10 0.89 -9.95	34.36 0.91 -12.34	37.80 0.85 -16.74	38.14 0.94 -13.79	39.28 1.02 -12.05	49.70 1.09 -19.94	52.03 1.49 -15.09	54.04 1.84 -12.29	65.67 2.49 -11.22	71.75 3.14 -5.71	72.67 3.20 0.00	58.78 2.69 0.00	46.28 2.04 0.00	37.74 1.76 0.00
NARROWS_GT1_1 24228	34.98 1.14 -21.45	32.15 1.16 -18.37	32.02 0.93 -20.53	32.02 1.00 -19.74	32.74 1.07 -19.68	35.64 1.87 -13.00	43.52 2.76 -9.69	43.95 3.35 -5.75	38.02 2.73 -8.51	33.52 2.34 -10.14	32.36 2.49 -8.61	34.22 2.43 -10.68	37.08 2.38 -14.49	38.24 2.88 -11.95	39.88 3.22 -10.44	49.53 3.61 -17.26	53.55 4.57 -13.53	56.05 5.11 -11.02	68.44 6.39 -10.10	75.52 7.54 -5.08	77.19 7.71 -0.01	62.21 6.11 -0.01	48.94 4.69 -0.01	39.44 3.45 -0.01
NARROWS_GT1_2 24229	34.98 1.14 -21.45	32.15 1.16 -18.37	32.02 0.93 -20.53	32.02 1.00 -19.74	32.74 1.07 -19.68	35.64 1.87 -13.00	43.52 2.76 -9.69	43.95 3.35 -5.75	38.02 2.73 -8.51	33.52 2.34 -10.14	32.36 2.49 -8.61	34.22 2.43 -10.68	37.08 2.38 -14.49	38.24 2.88 -11.95	39.88 3.22 -10.44	49.53 3.61 -17.26	53.55 4.57 -13.53	56.05 5.11 -11.02	68.44 6.39 -10.10	75.52 7.54 -5.08	77.19 7.71 -0.01	62.21 6.11 -0.01	48.94 4.69 -0.01	39.44 3.45 -0.01

NARROWS_GT1_3 24230	34.98	32.15	32.02	32.02	32.74	35.64	43.52	43.95	38.02	33.52	32.36	34.22	37.08	38.24	39.88	49.53	53.55	56.05	68.44	75.52	77.19	62.21	48.94	39.44
	1.14	1.16	0.93	1.00	1.07	1.87	2.76	3.35	2.73	2.34	2.49	2.43	2.38	2.88	3.22	3.61	4.57	5.11	6.39	7.54	7.71	6.11	4.69	3.45
	-21.45	-18.37	-20.53	-19.74	-19.68	-13.00	-9.69	-5.75	-8.51	-10.14	-8.61	-10.68	-14.49	-11.95	-10.44	-17.26	-13.53	-11.02	-10.10	-5.08	-0.01	-0.01	-0.01	-0.01
NARROWS_GT1_4 24231	34.98	32.15	32.02	32.02	32.74	35.64	43.52	43.95	38.02	33.52	32.36	34.22	37.08	38.24	39.88	49.53	53.55	56.05	68.44	75.52	77.19	62.21	48.94	39.44
	1.14	1.16	0.93	1.00	1.07	1.87	2.76	3.35	2.73	2.34	2.49	2.43	2.38	2.88	3.22	3.61	4.57	5.11	6.39	7.54	7.71	6.11	4.69	3.45
	-21.45	-18.37	-20.53	-19.74	-19.68	-13.00	-9.69	-5.75	-8.51	-10.14	-8.61	-10.68	-14.49	-11.95	-10.44	-17.26	-13.53	-11.02	-10.10	-5.08	-0.01	-0.01	-0.01	-0.01
NARROWS_GT1_5 24232	34.98	32.15	32.02	32.02	32.74	35.64	43.52	43.95	38.02	33.52	32.36	34.22	37.08	38.24	39.88	49.53	53.55	56.05	68.44	75.52	77.19	62.21	48.94	39.44
	1.14	1.16	0.93	1.00	1.07	1.87	2.76	3.35	2.73	2.34	2.49	2.43	2.38	2.88	3.22	3.61	4.57	5.11	6.39	7.54	7.71	6.11	4.69	3.45
	-21.45	-18.37	-20.53	-19.74	-19.68	-13.00	-9.69	-5.75	-8.51	-10.14	-8.61	-10.68	-14.49	-11.95	-10.44	-17.26	-13.53	-11.02	-10.10	-5.08	-0.01	-0.01	-0.01	-0.01
NARROWS_GT1_6 24233	34.98	32.15	32.02	32.02	32.74	35.64	43.52	43.95	38.02	33.52	32.36	34.22	37.08	38.24	39.88	49.53	53.55	56.05	68.44	75.52	77.19	62.21	48.94	39.44
	1.14	1.16	0.93	1.00	1.07	1.87	2.76	3.35	2.73	2.34	2.49	2.43	2.38	2.88	3.22	3.61	4.57	5.11	6.39	7.54	7.71	6.11	4.69	3.45
	-21.45	-18.37	-20.53	-19.74	-19.68	-13.00	-9.69	-5.75	-8.51	-10.14	-8.61	-10.68	-14.49	-11.95	-10.44	-17.26	-13.53	-11.02	-10.10	-5.08	-0.01	-0.01	-0.01	-0.01
NARROWS_GT1_7 24234	34.98	32.15	32.02	32.02	32.74	35.64	43.52	43.95	38.02	33.52	32.36	34.22	37.08	38.24	39.88	49.53	53.55	56.05	68.44	75.52	77.19	62.21	48.94	39.44
	1.14	1.16	0.93	1.00	1.07	1.87	2.76	3.35	2.73	2.34	2.49	2.43	2.38	2.88	3.22	3.61	4.57	5.11	6.39	7.54	7.71	6.11	4.69	3.45
	-21.45	-18.37	-20.53	-19.74	-19.68	-13.00	-9.69	-5.75	-8.51	-10.14	-8.61	-10.68	-14.49	-11.95	-10.44	-17.26	-13.53	-11.02	-10.10	-5.08	-0.01	-0.01	-0.01	-0.01
NARROWS_GT1_8 24235	34.98	32.15	32.02	32.02	32.74	35.64	43.52	43.95	38.02	33.52	32.36	34.22	37.08	38.24	39.88	49.53	53.55	56.05	68.44	75.52	77.19	62.21	48.94	39.44
	1.14	1.16	0.93	1.00	1.07	1.87	2.76	3.35	2.73	2.34	2.49	2.43	2.38	2.88	3.22	3.61	4.57	5.11	6.39	7.54	7.71	6.11	4.69	3.45



NCHELSEA_115KV_TR2 355582	35.24	32.33	32.29	32.25	32.97	35.66	43.45	43.60	37.69	33.19	31.93	33.87	36.82	37.81	39.35	49.09	52.80	55.34	67.57	74.64	76.28	61.42	48.27	38.96
	0.97	0.97	0.79	0.85	0.89	1.62	2.45	2.89	2.25	1.83	1.91	1.88	1.86	2.25	2.52	2.87	3.62	4.23	5.40	6.60	6.81	5.33	4.03	2.99
	-21.89	-18.74	-20.94	-20.14	-20.08	-13.26	-9.93	-5.86	-8.67	-10.32	-8.76	-10.87	-14.75	-12.15	-10.61	-17.56	-13.73	-11.19	-10.21	-5.14	0.00	0.00	0.00	0.00
NEG CAPITAL___MECHNVIL 23645	38.17	34.83	35.15	34.98	35.68	37.15	44.42	43.77	38.28	33.90	32.29	34.55	38.03	38.39	39.57	49.90	52.33	54.43	66.32	72.58	73.50	59.40	46.67	38.28
	0.72	0.74	0.61	0.64	0.68	1.18	2.08	2.23	1.61	1.07	1.02	1.01	0.97	1.10	1.23	1.18	1.70	2.15	3.01	3.90	4.03	3.31	2.43	2.30
	-25.06	-21.47	-23.98	-23.06	-23.00	-15.19	-11.27	-6.69	-9.90	-11.79	-10.01	-12.41	-16.85	-13.88	-12.12	-20.06	-15.18	-12.36	-11.35	-5.78	0.00	0.00	0.00	0.00
NEG CENTRAL_HIGH_ACRES 23767	13.37	13.44	11.60	12.21	12.80	20.68	30.16	33.44	26.06	20.75	20.81	20.87	20.86	23.14	25.63	28.34	33.50	37.75	48.75	59.29	66.00	52.72	41.67	34.03
	-0.67	-0.59	-0.55	-0.59	-0.72	-1.10	-1.65	-1.85	-1.36	-1.07	-1.11	-1.08	-0.99	-1.19	-1.39	-1.66	-2.34	-2.48	-3.48	-3.90	-3.47	-3.36	-2.57	-1.94
	-1.66	-1.42	-1.59	-1.53	-1.53	-1.00	-0.74	-0.44	-0.65	-0.78	-0.66	-0.82	-1.64	-0.92	-0.80	-1.34	-0.39	-0.31	-0.28	-0.29	0.00	0.01	0.01	0.00
NEG CENTRAL___DRP 24199	14.14	14.09	12.24	12.87	13.57	21.70	31.69	34.97	27.25	21.65	21.68	21.71	21.81	24.12	26.75	29.84	35.31	39.87	52.83	64.27	70.68	56.35	44.00	35.54
	-0.15	-0.15	-0.14	-0.16	-0.17	-0.23	-0.25	-0.38	-0.27	-0.29	-0.34	-0.36	-0.30	-0.35	-0.39	-0.34	-0.53	-0.40	-0.68	-0.82	-0.49	-0.56	-0.44	-0.43
	-1.90	-1.62	-1.82	-1.75	-1.75	-1.15	-0.87	-0.50	-0.75	-0.90	-0.76	-0.94	-1.90	-1.06	-0.92	-1.52	-0.39	-0.35	-1.55	-2.19	-1.69	-0.82	-0.20	0.00
NEG CENTRAL___INDECK 23768	13.43	13.49	11.63	12.27	12.87	20.95	30.65	33.60	26.04	20.57	20.55	20.46	24.89	22.72	25.29	28.42	33.50	38.41	50.11	61.67	68.57	55.12	43.38	35.18
	-0.47	-0.42	-0.39	-0.41	-0.53	-0.75	-1.09	-1.64	-1.31	-1.18	-1.30	-1.39	-1.31	-1.52	-1.65	-1.46	-1.74	-1.32	-1.66	-1.44	-0.91	-0.95	-0.84	-0.79
	-1.51	-1.29	-1.46	-1.40	-1.40	-0.92	-0.68	-0.39	-0.58	-0.70	-0.59	-0.74	-5.99	-0.83	-0.72	-1.22	0.21	0.19	0.18	-0.22	0.00	0.02	0.02	0.00
NEG CENTRAL___SENECA 23627	13.84	13.83	11.99	12.61	13.30	21.42	31.39	34.60	26.94	21.34	21.36	21.35	21.74	23.72	26.36	29.39	34.68	39.39	51.62	62.73	69.46	55.64	43.67	35.40
	-0.26	-0.25	-0.22	-0.25	-0.28	-0.39	-0.47	-0.70	-0.51	-0.51	-0.57	-0.61	-0.55	-0.63	-0.68	-0.63	-0.85	-0.60	-0.99	-1.32	-0.83	-0.84	-0.66	-0.58
	-1.71	-1.47	-1.65	-1.59	-1.58	-1.04	-0.79	-0.45	-0.68	-0.80	-0.68	-0.84	-2.07	-0.94	-0.82	-1.36	-0.08	-0.07	-0.65	-1.16	-0.82	-0.39	-0.09	0.00
NEG CENTRAL___STATE_STREET 24147	14.70	14.60	12.76	13.38	14.09	22.18	32.21	35.53	27.76	22.14	22.19	22.23	21.95	24.70	27.37	30.59	36.23	40.68	54.24	65.95	72.07	57.27	44.48	35.87
	0.00	0.00	-0.01	-0.02	-0.02	0.00	0.09	0.07	0.08	0.00	0.00	-0.04	0.00	0.00	0.03	0.06	-0.04	0.04	-0.05	0.06	0.28	0.06	-0.04	-0.11
	-2.31	-1.98	-2.22	-2.13	-2.13	-1.40	-1.05	-0.61	-0.91	-1.10	-0.93	-1.16	-1.74	-1.29	-1.13	-1.87	-0.81	-0.72	-2.34	-2.99	-2.32	-1.12	-0.29	0.00
NEG MILLWOOD___DRP 24198	35.20	32.30	32.24	32.20	32.93	35.65	43.54	43.69	37.80	33.29	32.08	33.99	36.97	37.96	39.58	49.28	53.01	55.55	67.76	74.94	76.42	61.59	48.40	39.03
	1.00	1.01	0.81	0.87	0.92	1.66	2.58	3.00	2.38	1.96	2.08	2.03	2.04	2.43	2.78	3.10	3.86	4.47	5.61	6.92	6.95	5.50	4.16	3.06
	-21.81	-18.67	-20.87	-20.06	-20.01	-13.21	-9.90	-5.84	-8.65	-10.29	-8.74	-10.84	-14.71	-12.12	-10.59	-17.52	-13.70	-11.16	-10.19	-5.13	0.00	0.00	0.00	0.00
NEG NORTH_FLCN_SEA 23793	12.11	12.29	10.31	11.01	11.77	20.40	30.47	34.15	26.18	20.56	20.83	20.68	19.71	22.87	25.67	28.06	34.88	39.48	51.64	62.20	69.06	55.81	43.98	35.79
	-0.27	-0.33	-0.24	-0.26	-0.23	-0.37	-0.59	-0.70	-0.59	-0.48	-0.43	-0.44	-0.51	-0.54	-0.55	-0.60	-0.57	-0.44	-0.31	-0.69	-0.42	-0.28	-0.27	-0.18
	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
NEG NORTH_KES_CHATEGAY 23792	12.01	12.20	10.23	10.92	11.67	20.21	30.23	33.84	25.92	20.35	20.60	20.44	19.50	22.64	25.40	27.78	34.53	39.04	51.07	61.64	68.29	55.25	43.53	35.43
	-0.37	-0.42	-0.33	-0.35	-0.32	-0.56	-0.84	-1.01	-0.86	-0.69	-0.66	-0.68	-0.71	-0.77	-0.81	-0.89	-0.92	-0.88	-0.88	-1.26	-1.18	-0.84	-0.71	-0.54
	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
NEG NORTH___ALICE_FALLS 23915	12.13	12.29	10.31	11.01	11.78	20.42	30.54	34.22	26.18	20.54	20.83	20.68	19.71	22.85	25.67	28.06	34.95	39.56	51.80	62.39	69.33	55.98	44.11	35.83
	-0.26	-0.33	-0.24	-0.26	-0.22	-0.35	-0.53	-0.63	-0.59	-0.51	-0.43	-0.44	-0.51	-0.56	-0.55	-0.60	-0.50	-0.36	-0.16	-0.50	-0.14	-0.11	-0.13	-0.14
	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
NEG NORTH___LWR_SARANAC 23913	12.13	12.29	10.31	11.01	11.78	20.42	30.54	34.22	26.18	20.54	20.83	20.68	19.71	22.85	25.67	28.06	34.95	39.56	51.80	62.39	69.33	55.98	44.11	35.83
	-0.26	-0.33	-0.24	-0.26	-0.22	-0.35	-0.53	-0.63	-0.59	-0.51	-0.43	-0.44	-0.51	-0.56	-0.55	-0.60	-0.50	-0.36	-0.16	-0.50	-0.14	-0.11	-0.13	-0.14
	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
NEG NORTH___PLATTSBURG 23628	12.13	12.29	10.31	11.01	11.78	20.42	30.54	34.22	26.18	20.54	20.83	20.67	19.71	22.85	25.66	28.06	34.85	39.52	51.70	62.39	69.33	55.98	44.11	35.83
	-0.26	-0.33	-0.24	-0.26	-0.22	-0.35	-0.53	-0.63	-0.59	-0.51	-0.42	-0.44	-0.50	-0.56	-0.55	-0.60	-0.60	-0.40	-0.26	-0.51	-0.14	-0.11	-0.13	-0.14
	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
NEG WEST_LEA_LOCKPORT 23791	12.78	12.94	11.19	11.78	12.30	19.79	28.62	31.76	24.82	19.78	19.76	19.78	19.73	21.90	24.20	26.80	31.85	35.61	45.96	56.28	62.66	50.13	39.93	32.92
	-1.10	-0.96	-0.81	-0.88	-1.08	-1.89	-3.14	-3.48	-2.54	-1.96	-2.08	-2.07	-1.96	-2.32	-2.73	-3.04	-3.69	-4.35	-6.03	-6.86	-6.81	-5.95	-4.29	-3.06
	-1.50	-1.28	-1.44	-1.39	-1.38	-0.91	-0.70	-0.39	-0.59	-0.69	-0.58	-0.73	-1.48	-0.81	-0.71	-1.17	-0.08	-0.04	-0.04	-0.24	0.00	0.02	0.02	0.00
NEG WEST___LANCASTR 23811	13.19	13.12	11.41	12.04	12.76	20.37	29.68	32.83	25.94	20.62	20.61	20.52	20.60	22.84	25.41	28.55	33.88	38.38	49.65	59.10	63.43	52.87	41.30	33.20
	-0.68	-0.77	-0.58	-0.61	-0.61	-1.31	-2.08	-2.40	-1.42	-1.12	-1.23	-1.33	-1.23	-1.38	-1.52	-1.29	-1.52	-1.48	-2.23	-4.03	-6.04	-3.20	-2.92	-2.77
	-1.49	-1.27	-1.44	-1.38	-1.38	-0.90	-0.69	-0.39	-0.59	-0.69	-0.58	-0.73	-1.62	-0.82	-0.71	-1.17	0.04	0.06	0.07	-0.23	0.00	0.02	0.02	0.00

NEG_PENN_ALLEGHNY 23528	21.50 0.17 -8.94	20.45 0.18 -7.66	19.25 0.15 -8.54	19.63 0.15 -8.22	20.35 0.17 -8.19	26.48 0.29 -5.42	35.54 0.53 -3.94	37.82 0.63 -2.35	30.75 0.51 -3.47	25.54 0.36 -4.14	25.13 0.36 -3.52	25.81 0.34 -4.36	25.50 0.36 -4.92	28.72 0.44 -4.87	30.97 0.50 -4.25	36.27 0.57 -7.03	43.61 0.71 -7.45	46.96 0.92 -6.12	59.47 1.04 -6.47	67.76 1.26 -3.61	71.76 1.25 -1.03	57.63 1.01 -0.52	45.14 0.75 -0.15	36.44 0.47 0.00
NEG___GEN_MONROE 24207	13.32 -0.61 -1.54	13.43 -0.50 -1.32	11.56 -0.49 -1.48	12.19 -0.51 -1.43	12.75 -0.67 -1.42	20.71 -1.00 -0.94	30.16 -1.62 -0.71	33.48 -1.78 -0.41	26.02 -1.37 -0.61	20.71 -1.05 -0.72	20.76 -1.11 -0.61	20.75 -1.12 -0.75	20.88 -1.05 -1.72	23.01 -1.24 -0.84	25.46 -1.49 -0.74	28.13 -1.75 -1.22	33.30 -2.41 -0.26	37.44 -2.67 -0.20	48.49 -3.64 -0.17	59.38 -3.77 -0.26	66.28 -3.20 0.00	52.88 -3.20 0.01	41.89 -2.34 0.01	34.43 -1.55 0.00
NEPA___ENERGY 23901	13.16 -0.72 -1.49	13.22 -0.67 -1.27	11.42 -0.57 -1.44	12.04 -0.61 -1.38	12.66 -0.71 -1.38	20.43 -1.25 -0.90	29.90 -1.86 -0.69	33.08 -2.16 -0.39	25.80 -1.55 -0.59	20.52 -1.22 -0.69	20.52 -1.32 -0.58	20.50 -1.35 -0.73	20.58 -1.25 -1.63	22.77 -1.45 -0.82	25.27 -1.65 -0.71	28.17 -1.66 -1.17	33.31 -2.09 0.05	37.82 -2.04 0.07	49.02 -2.86 0.08	59.67 -3.46 -0.23	65.58 -3.89 0.00	53.04 -3.03 0.02	41.92 -2.30 0.02	34.25 -1.73 0.00
NEVERSINK___HYD 23608	34.22 0.94 -20.90	31.45 0.93 -17.90	31.32 0.77 -20.00	31.32 0.82 -19.23	32.03 0.86 -19.18	35.02 1.58 -12.66	42.68 2.45 -9.16	43.18 2.89 -5.44	36.99 2.17 -8.05	32.35 1.73 -9.58	31.20 1.81 -8.14	32.98 1.77 -10.09	35.56 1.74 -13.61	36.82 2.13 -11.28	38.45 2.39 -9.85	47.75 2.78 -16.30	51.82 3.62 -12.75	54.62 4.31 -10.39	67.19 5.45 -9.79	74.47 6.66 -4.91	76.42 6.95 0.00	61.53 5.44 0.00	48.36 4.12 0.00	38.92 2.95 0.00
NEWKRMKL_115KV_TB1 55635	37.40 0.37 -24.64	34.12 0.40 -21.10	34.45 0.32 -23.58	34.28 0.34 -22.67	34.96 0.35 -22.61	36.33 0.62 -14.93	43.18 0.93 -11.18	42.50 1.05 -6.60	37.35 0.80 -9.78	33.31 0.63 -11.63	31.75 0.62 -9.88	34.00 0.63 -12.25	37.41 0.57 -16.63	37.76 0.66 -13.70	38.91 0.73 -11.96	49.27 0.80 -19.80	51.46 1.03 -14.98	53.67 1.28 -12.47	64.76 1.66 -11.14	70.65 2.08 -5.67	71.56 2.08 0.00	57.77 1.68 0.00	45.52 1.28 0.00	37.05 1.08 0.00
NEWTON___FALLS_HYD 23847	12.50 -0.62 -0.73	12.56 -0.68 -0.63	10.71 -0.55 -0.70	11.36 -0.59 -0.68	12.13 -0.54 -0.67	20.31 -0.91 -0.44	29.97 -1.43 -0.33	33.41 -1.64 -0.20	25.51 -1.55 -0.29	20.09 -1.30 -0.35	20.34 -1.21 -0.30	20.31 -1.18 -0.37	19.52 -1.19 -0.50	22.49 -1.33 -0.41	25.06 -1.52 -0.36	27.66 -1.61 -0.60	33.92 -1.99 -0.45	38.48 -1.84 -0.40	51.86 -1.25 -1.16	62.56 -1.70 -1.37	69.02 -1.53 -1.08	55.72 -0.90 -0.53	43.85 -0.53 -0.14	35.36 -0.61 0.00
NGRID_A1_DSASP 323792	12.76 -1.13 -1.50	12.94 -0.96 -1.28	11.01 -0.98 -1.43	11.57 -1.07 -1.37	12.07 -1.30 -1.37	19.58 -2.10 -0.90	28.42 -3.32 -0.68	31.46 -3.76 -0.38	24.56 -2.78 -0.57	19.67 -2.04 -0.67	19.67 -2.15 -0.56	19.67 -2.15 -0.71	19.69 -1.98 -1.46	21.77 -2.43 -0.79	23.97 -2.94 -0.69	26.45 -3.38 -1.17	30.94 -4.57 -0.07	34.85 -5.11 -0.04	44.95 -7.01 -0.01	55.15 -7.99 -0.24	61.69 -7.78 0.00	49.12 -6.96 0.02	39.18 -5.04 0.02	32.52 -3.45 0.00
NGRID_A2_DSASP 323793	12.76 -1.13 -1.50	12.94 -0.96 -1.28	11.01 -0.98 -1.43	11.57 -1.07 -1.37	12.07 -1.30 -1.37	19.58 -2.10 -0.90	28.42 -3.32 -0.68	31.46 -3.76 -0.38	24.56 -2.78 -0.57	19.67 -2.04 -0.67	19.67 -2.15 -0.56	19.67 -2.15 -0.71	19.69 -1.98 -1.46	21.77 -2.43 -0.79	23.97 -2.94 -0.69	26.45 -3.38 -1.17	30.94 -4.57 -0.07	34.85 -5.11 -0.04	44.95 -7.01 -0.01	55.15 -7.99 -0.24	61.69 -7.78 0.00	49.12 -6.96 0.02	39.18 -5.04 0.02	32.52 -3.45 0.00
NGRID_A4_DSASP 323807	12.76 -1.13 -1.50	12.94 -0.96 -1.28	11.01 -0.98 -1.43	11.57 -1.07 -1.37	12.07 -1.30 -1.37	19.58 -2.10 -0.90	28.42 -3.32 -0.68	31.46 -3.76 -0.38	24.56 -2.78 -0.57	19.67 -2.04 -0.67	19.67 -2.15 -0.56	19.67 -2.15 -0.71	19.69 -1.98 -1.46	21.77 -2.43 -0.79	23.97 -2.94 -0.69	26.45 -3.38 -1.17	30.94 -4.57 -0.07	34.85 -5.11 -0.04	44.95 -7.01 -0.01	55.15 -7.99 -0.24	61.69 -7.78 0.00	49.12 -6.96 0.02	39.18 -5.04 0.02	32.52 -3.45 0.00
NIAGARA_115E_LBMP 323715	12.64 -1.25 -1.50	12.79 -1.11 -1.28	11.10 -0.89 -1.43	11.69 -0.96 -1.37	12.20 -1.16 -1.37	19.49 -2.18 -0.90	28.04 -3.70 -0.67	31.13 -4.11 -0.39	24.33 -3.03 -0.58	19.41 -2.34 -0.70	19.41 -2.44 -0.59	19.41 -2.45 -0.74	19.35 -2.36 -1.51	21.50 -2.74 -0.83	23.74 -3.20 -0.72	26.26 -3.61 -1.21	31.70 -3.83 -0.08	35.50 -4.47 -0.05	45.56 -6.44 -0.05	55.10 -8.05 -0.25	61.27 -8.20 0.00	49.12 -6.96 0.02	39.05 -5.18 0.02	32.09 -3.89 0.00
NIAGARA_115W_LBMP 323714	12.74 -1.14 -1.50	12.93 -0.97 -1.28	10.99 -0.99 -1.43	11.56 -1.08 -1.37	12.05 -1.32 -1.37	19.56 -2.12 -0.90	28.33 -3.39 -0.65	31.39 -3.83 -0.37	24.53 -2.81 -0.56	19.64 -2.08 -0.68	19.66 -2.17 -0.57	19.66 -2.17 -0.72	19.68 -2.00 -1.47	21.73 -2.48 -0.81	23.95 -2.96 -0.70	26.37 -3.50 -1.20	31.21 -4.33 -0.08	34.95 -5.03 -0.06	45.09 -6.91 -0.04	54.98 -8.18 -0.25	61.55 -7.92 0.00	49.06 -7.01 0.02	39.05 -5.18 0.02	32.27 -3.70 0.00
NIAGARA_230_LBMP 323716	12.82 -1.07 -1.50	12.99 -0.91 -1.28	11.18 -0.82 -1.45	11.76 -0.90 -1.39	12.28 -1.10 -1.39	19.90 -1.79 -0.91	28.88 -2.86 -0.67	32.00 -3.24 -0.39	25.00 -2.36 -0.58	20.00 -1.75 -0.70	20.00 -1.85 -0.59	20.00 -1.86 -0.74	20.00 -1.70 -1.49	22.15 -2.08 -0.83	24.45 -2.49 -0.72	26.91 -2.95 -1.20	31.69 -3.86 -0.10	35.64 -4.35 -0.07	46.04 -5.97 -0.06	56.30 -6.85 -0.26	62.80 -6.67 0.00	50.13 -5.95 0.02	39.80 -4.42 0.02	32.84 -3.13 0.00
NIAGARA___115KV_198_GIBSON 55903	12.74 -1.14 -1.50	12.93 -0.97 -1.28	10.99 -0.99 -1.43	11.56 -1.08 -1.37	12.05 -1.32 -1.37	19.56 -2.12 -0.90	28.35 -3.39 -0.68	31.39 -3.83 -0.38	24.53 -2.81 -0.57	19.63 -2.08 -0.67	19.65 -2.17 -0.56	19.65 -2.18 -0.71	19.67 -2.00 -1.46	21.72 -2.48 -0.79	23.94 -2.96 -0.69	26.39 -3.44 -1.17	30.88 -4.64 -0.07	34.77 -5.19 -0.04	44.85 -7.12 -0.02	55.02 -8.11 -0.24	61.55 -7.92 0.00	49.01 -7.07 0.02	39.09 -5.13 0.02	32.45 -3.53 0.00
NIAGARA____ 23760	12.82 -1.07 -1.50	12.99 -0.91 -1.28	11.16 -0.82 -1.43	11.74 -0.90 -1.37	12.26 -1.10 -1.37	19.89 -1.79 -0.90	28.87 -2.86 -0.66	31.99 -3.24 -0.38	24.99 -2.36 -0.58	19.99 -1.75 -0.69	19.99 -1.85 -0.58	19.99 -1.86 -0.73	20.00 -1.70 -1.49	22.14 -2.08 -0.82	24.44 -2.49 -0.71	26.92 -2.95 -1.21	31.68 -3.86 -0.10	35.63 -4.35 -0.06	46.04 -5.97 -0.05	56.30 -6.85 -0.26	62.80 -6.67 0.00	50.13 -5.95 0.02	39.80 -4.42 0.02	32.84 -3.13 0.00
NINE_MILE_1 23575	13.48 -0.30 -1.39	13.52 -0.29 -1.19	11.64 -0.25 -1.33	12.28 -0.27 -1.28	12.97 -0.30 -1.28	21.10 -0.52 -0.84	30.91 -0.78 -0.62	34.35 -0.87 -0.37	26.68 -0.64 -0.55	21.18 -0.51 -0.64	21.27 -0.53 -0.55	21.27 -0.53 -0.68	20.65 -0.49 -0.92	23.58 -0.58 -0.76	26.20 -0.68 -0.66	29.02 -0.75 -1.10	35.25 -1.03 -0.83	38.86 -1.32 -0.26	38.33 -1.77 11.86	43.21 -2.07 17.61	51.21 -2.15 16.11	46.38 -1.85 7.86	40.76 -1.46 2.02	34.79 -1.19 0.00

NINE_MILE_2 23744	13.48 -0.30 -1.39	13.52 -0.29 -1.19	11.63 -0.25 -1.33	12.28 -0.27 -1.28	12.97 -0.30 -1.27	21.10 -0.52 -0.84	30.91 -0.78 -0.62	34.35 -0.87 -0.37	26.68 -0.64 -0.55	21.18 -0.51 -0.64	21.27 -0.53 -0.55	21.27 -0.53 -0.68	20.64 -0.49 -0.92	23.58 -0.58 -0.76	26.22 -0.65 -0.66	29.02 -0.75 -1.10	35.25 -1.03 -0.83	38.85 -1.32 -0.25	38.40 -1.77 11.79	43.02 -2.07 17.80	50.97 -2.15 16.35	46.26 -1.85 7.98	40.73 -1.46 2.05	34.79 -1.19 0.00
NM_CAPITAL___DRP 24208	37.44 0.45 -24.61	34.16 0.47 -21.07	34.48 0.38 -23.54	34.31 0.39 -22.64	34.99 0.42 -22.58	36.41 0.73 -14.91	43.35 1.12 -11.17	42.66 1.22 -6.59	37.50 0.96 -9.76	33.42 0.76 -11.61	31.87 0.74 -9.87	34.09 0.74 -12.23	37.50 0.69 -16.60	37.86 0.77 -13.68	39.03 0.87 -11.95	49.35 0.92 -19.77	51.94 1.21 -15.29	53.81 1.44 -12.45	65.00 1.92 -11.13	70.95 2.39 -5.67	71.83 2.36 0.00	58.05 1.96 0.00	45.75 1.50 0.00	37.27 1.30 0.00
NM_CENTRAL___DRP 24181	14.43 -0.02 -2.07	14.36 -0.03 -1.77	12.50 -0.03 -1.98	13.13 -0.05 -1.90	13.84 -0.05 -1.90	21.97 -0.06 -1.25	31.94 -0.06 -0.94	35.33 -0.07 -0.55	27.59 0.00 -0.82	22.01 -0.02 -0.98	22.07 -0.02 -0.84	22.14 -0.02 -1.04	21.64 0.02 -1.41	24.59 0.02 -1.16	27.23 0.00 -1.01	30.37 0.03 -1.68	36.14 -0.11 -0.80	40.42 -0.20 -0.70	53.56 -0.42 -2.02	65.05 -0.31 -2.47	71.10 -0.28 -1.90	56.68 -0.34 -0.93	44.17 -0.31 -0.24	35.65 -0.32 0.00
NM_FRONTIER___DRP 24179	12.74 -1.14 -1.50	12.93 -0.97 -1.28	10.99 -0.99 -1.43	11.56 -1.08 -1.37	12.05 -1.32 -1.37	19.56 -2.12 -0.90	28.35 -3.39 -0.68	31.39 -3.83 -0.38	24.53 -2.81 -0.57	19.63 -2.08 -0.67	19.65 -2.17 -0.56	19.65 -2.18 -0.71	19.67 -2.00 -1.46	21.72 -2.48 -0.79	23.94 -2.96 -0.69	26.39 -3.44 -1.17	30.88 -4.64 -0.07	34.77 -5.19 -0.04	44.85 -7.12 -0.02	55.02 -8.11 -0.24	61.55 -7.92 0.00	49.01 -7.07 0.02	39.09 -5.13 0.02	32.45 -3.53 0.00
NM_ST_REGIS___HYD 24053	12.17 -0.66 -0.44	12.26 -0.73 -0.37	10.40 -0.57 -0.42	11.06 -0.61 -0.40	11.85 -0.54 -0.40	20.13 -0.91 -0.26	29.86 -1.40 -0.20	33.29 -1.67 -0.12	25.45 -1.50 -0.17	20.01 -1.24 -0.21	20.33 -1.11 -0.18	20.26 -1.08 -0.22	19.40 -1.11 -0.30	22.39 -1.26 -0.25	24.96 -1.47 -0.22	27.42 -1.61 -0.36	33.91 -1.81 -0.27	38.36 -1.80 -0.24	50.89 -1.71 -0.65	61.20 -2.45 -0.76	67.77 -2.29 -0.59	54.92 -1.46 -0.29	43.25 -1.06 -0.07	35.15 -0.83 0.00
NORTHPORT___1 23551	49.15 1.12 -35.65	42.31 1.14 -28.56	44.71 0.92 -33.23	31.92 0.91 -19.73	32.67 0.99 -19.68	35.70 1.93 -13.00	43.78 3.01 -9.70	44.17 3.56 -5.76	38.02 2.73 -8.51	33.33 2.15 -10.14	32.16 2.30 -8.61	34.03 2.24 -10.68	36.98 2.28 -14.49	38.06 2.71 -11.94	39.68 3.04 -10.43	49.07 3.15 -17.25	52.33 3.37 -13.51	54.30 3.39 -10.99	59.51 3.79 -3.77	69.16 4.47 -1.80	65.40 4.24 8.31	60.07 3.98 0.00	48.72 4.47 -0.01	39.33 3.35 -0.01
NORTHPORT___2 23552	49.15 1.12 -35.65	42.31 1.14 -28.56	44.71 0.92 -33.23	31.92 0.91 -19.73	32.67 0.99 -19.68	35.70 1.93 -13.00	43.78 3.01 -9.70	44.17 3.56 -5.76	38.02 2.73 -8.51	33.33 2.15 -10.14	32.16 2.30 -8.61	34.03 2.24 -10.68	36.98 2.28 -14.49	38.06 2.71 -11.94	39.68 3.04 -10.43	49.07 3.15 -17.25	52.33 3.37 -13.51	54.30 3.39 -10.99	59.51 3.79 -3.77	69.16 4.47 -1.80	65.40 4.24 8.31	60.07 3.98 0.00	48.72 4.47 -0.01	39.33 3.35 -0.01
NORTHPORT___3 23553	49.15 1.12 -35.65	42.30 1.12 -28.56	44.70 0.91 -33.23	31.91 0.90 -19.73	32.67 0.99 -19.68	35.68 1.91 -13.00	43.75 2.98 -9.70	44.09 3.48 -5.76	37.99 2.70 -8.51	33.31 2.12 -10.14	32.16 2.30 -8.61	34.01 2.22 -10.68	36.98 2.28 -14.49	38.04 2.69 -11.94	39.63 2.99 -10.43	49.04 3.12 -17.25	52.26 3.30 -13.51	54.22 3.31 -10.99	59.44 3.69 -3.79	69.04 4.34 -1.81	65.37 4.17 8.27	59.96 3.87 0.00	48.63 4.38 -0.01	39.29 3.31 -0.01
NORTHPORT___4 23650	49.15 1.12 -35.65	42.30 1.12 -28.56	44.70 0.91 -33.23	31.91 0.90 -19.73	32.67 0.99 -19.68	35.68 1.91 -13.00	43.75 2.98 -9.70	44.09 3.48 -5.76	37.99 2.70 -8.51	33.31 2.12 -10.14	32.16 2.30 -8.61	34.01 2.22 -10.68	36.98 2.28 -14.49	38.04 2.69 -11.94	39.63 2.99 -10.43	49.04 3.12 -17.25	52.26 3.30 -13.51	54.22 3.31 -10.99	59.44 3.69 -3.79	69.04 4.34 -1.81	65.37 4.17 8.27	59.96 3.87 0.00	48.63 4.38 -0.01	39.29 3.31 -0.01
NORTHPORT___IC 23718	49.15 1.11 -35.65	42.31 1.14 -28.56	44.71 0.92 -33.23	31.92 0.91 -19.73	32.67 1.00 -19.68	35.70 1.93 -13.00	43.82 3.01 -9.74	44.16 3.55 -5.76	38.02 2.73 -8.51	33.32 2.15 -10.13	32.16 2.30 -8.61	34.03 2.24 -10.68	36.98 2.28 -14.49	38.06 2.72 -11.94	39.68 3.04 -10.43	48.98 3.07 -17.25	52.08 3.12 -13.51	53.94 3.03 -10.98	59.26 3.58 -3.73	68.89 4.21 -1.78	65.26 4.10 8.31	59.63 3.53 0.00	48.54 4.29 -0.01	39.29 3.31 -0.01
NORTH___COUNTRY_ESR 323785	12.00 -0.38 0.00	12.18 -0.44 0.00	10.21 -0.35 0.00	10.91 -0.36 0.00	11.65 -0.35 0.00	20.17 -0.60 0.00	30.13 -0.93 0.00	33.80 -1.04 0.00	25.91 -0.86 0.00	20.35 -0.69 0.00	20.62 -0.64 0.00	20.46 -0.65 0.00	19.52 -0.69 0.00	22.66 -0.75 0.00	25.40 -0.81 0.00	27.78 -0.89 0.00	34.39 -1.06 0.00	38.92 -1.00 0.00	50.86 -1.09 0.00	61.39 -1.51 0.00	68.08 -1.39 0.00	55.08 -1.01 0.00	43.40 -0.84 0.00	35.33 -0.65 0.00
NPX_GEN_1385_PROXY 323591	49.15 1.12 -35.65	42.31 1.14 -28.56	44.71 0.92 -33.23	31.92 0.91 -19.73	32.67 0.99 -19.68	35.56 1.93 -12.86	43.92 3.01 -9.84	44.17 3.56 -5.76	38.02 2.73 -8.51	33.33 2.15 -10.14	32.16 2.30 -8.61	34.03 2.24 -10.68	36.98 2.28 -14.49	38.06 2.71 -11.94	39.68 3.04 -10.43	49.07 3.15 -17.25	52.33 3.37 -13.51	54.30 3.39 -10.99	59.51 3.79 -3.77	69.16 4.47 -1.80	65.40 4.24 8.31	60.07 3.98 0.00	48.72 4.47 -0.01	39.33 3.35 -0.01
NPX_GEN_CSC 323557	49.24 1.20 -35.65	42.40 1.22 -28.56	44.79 1.00 -33.23	32.02 1.01 -19.73	32.80 1.13 -19.68	35.83 2.20 -12.86	44.26 3.36 -9.84	44.65 4.04 -5.76	38.34 3.05 -8.51	33.50 2.32 -10.14	32.37 2.51 -8.61	34.20 2.41 -10.68	37.19 2.49 -14.49	38.32 2.97 -11.94	40.05 3.41 -10.43	49.35 3.44 -17.25	52.86 3.90 -13.51	55.22 4.31 -10.99	60.91 5.09 -3.86	71.03 6.29 -1.85	67.54 6.26 8.19	61.53 5.44 0.00	49.42 5.17 -0.01	39.79 3.81 -0.01
NSINS_S_GLNS_FALLS 23858	38.41 0.83 -25.19	35.06 0.87 -21.57	35.37 0.71 -24.10	35.18 0.73 -23.18	35.90 0.79 -23.12	37.43 1.39 -15.26	44.92 2.42 -11.43	44.15 2.58 -6.72	38.52 1.79 -9.95	34.02 1.14 -11.84	32.35 1.04 -10.06	34.62 1.03 -12.47	38.13 0.99 -16.93	38.50 1.15 -13.94	39.70 1.31 -12.18	50.19 1.35 -20.18	52.67 1.95 -15.27	54.87 2.51 -12.43	66.95 3.64 -11.36	73.46 4.78 -5.78	74.61 5.14 0.00	60.41 4.32 0.00	47.34 3.10 0.00	38.56 2.59 0.00
NUCOR_STEEL___DRP 24197	14.74 0.05 -2.30	14.64 0.05 -1.97	12.79 0.03 -2.21	13.41 0.02 -2.12	14.13 0.02 -2.12	22.25 0.08 -1.40	32.30 0.19 -1.05	35.60 0.14 -0.61	27.81 0.13 -0.91	22.20 0.06 -1.09	22.23 0.04 -0.93	22.29 0.02 -1.15	21.98 0.06 -1.71	24.77 0.07 -1.29	27.42 0.08 -1.13	30.64 0.11 -1.86	36.34 0.04 -0.86	40.76 0.08 -0.76	54.46 0.00 -2.51	66.27 0.19 -3.18	72.31 0.35 -2.49	57.41 0.11 -1.21	44.64 0.09 -0.31	35.94 -0.04 0.00

NUMBER_THREE_WT_PWR 323818	12.91 -0.47 -1.00	12.96 -0.52 -0.86	11.08 -0.43 -0.96	11.74 -0.45 -0.92	12.48 -0.43 -0.92	20.65 -0.73 -0.61	30.40 -1.12 -0.45	33.86 -1.25 -0.27	25.85 -1.31 -0.39	20.39 -1.14 -0.48	20.56 -1.11 -0.41	20.55 -1.08 -0.50	19.82 -1.07 -0.68	22.80 -1.17 -0.56	25.42 -1.28 -0.49	28.13 -1.35 -0.82	34.44 -1.63 -0.62	39.10 -1.36 -0.54	53.80 0.37 -1.47	64.99 0.38 -1.71	71.64 0.84 -1.33	57.58 0.84 -0.65	45.21 0.80 -0.17	36.23 0.25 0.00
NYISO_LBMP_REFERENCE 24008	12.39 0.00 0.00	12.62 0.00 0.00	10.56 0.00 0.00	11.27 0.00 0.00	11.99 0.00 0.00	20.78 0.00 0.00	31.06 0.00 0.00	34.85 0.00 0.00	26.77 0.00 0.00	21.05 0.00 0.00	21.26 0.00 0.00	21.12 0.00 0.00	20.21 0.00 0.00	23.41 0.00 0.00	26.22 0.00 0.00	28.66 0.00 0.00	35.45 0.00 0.00	39.92 0.00 0.00	51.95 0.00 0.00	62.90 0.00 0.00	69.47 0.00 0.00	56.09 0.00 0.00	44.24 0.00 0.00	35.97 0.00 0.00
NYPA_BRENTWD____GT 24164	49.29 1.25 -35.65	42.44 1.26 -28.56	44.82 1.04 -33.23	32.04 1.04 -19.73	32.82 1.14 -19.68	35.97 2.20 -13.00	44.18 3.42 -9.70	44.62 4.01 -5.76	38.36 3.08 -8.51	33.56 2.38 -10.14	32.42 2.55 -8.61	34.27 2.47 -10.68	37.23 2.53 -14.49	38.34 3.00 -11.94	40.05 3.41 -10.43	49.47 3.55 -17.25	52.90 3.93 -13.51	55.18 4.27 -10.99	60.82 4.83 -4.03	70.74 5.91 -1.93	67.27 5.76 7.96	61.25 5.16 0.00	49.42 5.17 -0.01	39.83 3.85 -0.01
NYPA_GOWANUS____GT5 24156	34.98 1.14 -21.45	32.15 1.16 -18.37	32.02 0.93 -20.53	32.02 1.00 -19.74	32.74 1.07 -19.68	35.64 1.87 -13.00	43.52 2.76 -9.69	43.95 3.35 -5.75	38.02 2.73 -8.51	33.52 2.34 -10.14	32.36 2.49 -8.61	34.22 2.43 -10.68	37.08 2.38 -14.49	38.24 2.88 -11.95	39.88 3.22 -10.44	49.53 3.61 -17.26	53.55 4.57 -13.53	56.05 5.11 -11.02	68.44 6.39 -10.10	75.52 7.54 -5.08	77.19 7.71 -0.01	62.21 6.11 -0.01	48.94 4.69 -0.01	39.44 3.45 -0.01
NYPA_GOWANUS____GT6 24157	34.98 1.14 -21.45	32.15 1.16 -18.37	32.02 0.93 -20.53	32.02 1.00 -19.74	32.74 1.07 -19.68	35.64 1.87 -13.00	43.52 2.76 -9.69	43.95 3.35 -5.75	38.02 2.73 -8.51	33.52 2.34 -10.14	32.36 2.49 -8.61	34.22 2.43 -10.68	37.08 2.38 -14.49	38.24 2.88 -11.95	39.88 3.22 -10.44	49.53 3.61 -17.26	53.55 4.57 -13.53	56.05 5.11 -11.02	68.44 6.39 -10.10	75.52 7.54 -5.08	77.19 7.71 -0.01	62.21 6.11 -0.01	48.94 4.69 -0.01	39.44 3.45 -0.01
NYPA_HARLEM__RVR__GT1 24160	34.99 1.15 -21.45	32.17 1.17 -18.37	32.05 0.96 -20.53	32.04 1.03 -19.74	32.77 1.09 -19.69	35.60 1.83 -13.00	43.31 2.55 -9.69	43.74 3.14 -5.75	37.94 2.65 -8.51	33.48 2.29 -10.14	32.25 2.38 -8.61	34.12 2.32 -10.68	36.96 2.26 -14.49	38.06 2.71 -11.94	39.63 2.99 -10.43	49.32 3.41 -17.25	53.25 4.29 -13.51	55.68 4.75 -11.01	68.07 6.02 -10.09	75.01 7.04 -5.07	76.56 7.09 0.00	61.82 5.72 0.00	48.71 4.47 0.00	39.32 3.35 0.00
NYPA_HARLEM__RVR__GT2 24161	34.99 1.15 -21.45	32.17 1.17 -18.37	32.05 0.96 -20.53	32.04 1.03 -19.74	32.77 1.09 -19.69	35.60 1.83 -13.00	43.31 2.55 -9.69	43.74 3.14 -5.75	37.94 2.65 -8.51	33.48 2.29 -10.14	32.25 2.38 -8.61	34.12 2.32 -10.68	36.96 2.26 -14.49	38.06 2.71 -11.94	39.63 2.99 -10.43	49.32 3.41 -17.25	53.25 4.29 -13.51	55.68 4.75 -11.01	68.07 6.02 -10.09	75.01 7.04 -5.07	76.56 7.09 0.00	61.82 5.72 0.00	48.71 4.47 0.00	39.32 3.35 0.00
NYPA_KENT____GT 24152	34.95 1.12 -21.45	32.13 1.14 -18.38	31.99 0.91 -20.53	31.99 0.98 -19.74	32.72 1.04 -19.68	35.60 1.83 -13.00	43.46 2.70 -9.69	43.87 3.27 -5.75	37.96 2.68 -8.51	33.50 2.32 -10.14	32.31 2.44 -8.61	34.18 2.39 -10.68	37.04 2.34 -14.49	38.19 2.83 -11.94	39.79 3.14 -10.43	49.47 3.55 -17.25	53.44 4.47 -13.52	55.92 4.99 -11.01	68.28 6.23 -10.10	75.33 7.36 -5.08	76.98 7.51 0.00	62.04 5.94 0.00	48.80 4.56 0.00	39.32 3.35 0.00
NYPA_POUCH1____GT 24155	35.00 1.16 -21.45	32.17 1.17 -18.37	32.03 0.94 -20.53	32.03 1.01 -19.74	32.77 1.09 -19.68	35.66 1.89 -13.00	43.52 2.76 -9.69	43.95 3.35 -5.75	38.02 2.73 -8.51	33.52 2.34 -10.14	32.33 2.46 -8.61	34.22 2.43 -10.68	37.08 2.38 -14.49	38.24 2.88 -11.95	39.85 3.20 -10.44	49.53 3.61 -17.26	53.51 4.54 -13.53	56.01 5.07 -11.02	68.39 6.34 -10.10	75.52 7.54 -5.08	77.19 7.71 -0.01	62.21 6.11 -0.01	48.99 4.74 -0.01	39.44 3.45 -0.01
NYPA_VERNON____GT2 24162	34.91 1.08 -21.45	32.09 1.10 -18.38	31.97 0.89 -20.53	31.97 0.96 -19.74	32.69 1.02 -19.68	35.56 1.79 -13.00	43.40 2.64 -9.69	43.80 3.20 -5.75	37.94 2.65 -8.51	33.46 2.27 -10.14	32.27 2.40 -8.61	34.14 2.34 -10.68	37.00 2.30 -14.49	38.11 2.76 -11.94	39.71 3.07 -10.43	49.38 3.47 -17.25	53.36 4.39 -13.52	55.80 4.87 -11.01	68.12 6.08 -10.09	75.14 7.17 -5.08	76.77 7.29 0.00	61.87 5.78 0.00	48.71 4.47 0.00	39.21 3.24 0.00
NYPA_VERNON____GT3 24163	34.91 1.08 -21.45	32.09 1.10 -18.38	31.97 0.89 -20.53	31.97 0.96 -19.74	32.69 1.02 -19.68	35.56 1.79 -13.00	43.40 2.64 -9.69	43.80 3.20 -5.75	37.94 2.65 -8.51	33.46 2.27 -10.14	32.27 2.40 -8.61	34.14 2.34 -10.68	37.00 2.30 -14.49	38.11 2.76 -11.94	39.71 3.07 -10.43	49.38 3.47 -17.25	53.36 4.39 -13.52	55.80 4.87 -11.01	68.12 6.08 -10.09	75.14 7.17 -5.08	76.77 7.29 0.00	61.87 5.78 0.00	48.71 4.47 0.00	39.21 3.24 0.00
NYPA__ASTORIA_CC1 323568	34.91 1.08 -21.45	32.09 1.10 -18.37	31.97 0.89 -20.53	31.97 0.96 -19.74	32.68 1.01 -19.68	35.54 1.76 -13.00	43.37 2.61 -9.69	43.77 3.17 -5.75	37.91 2.63 -8.51	33.43 2.25 -10.14	32.25 2.38 -8.61	34.12 2.32 -10.68	36.96 2.26 -14.49	38.09 2.74 -11.94	39.68 3.04 -10.43	49.32 3.41 -17.25	53.29 4.32 -13.52	55.76 4.83 -11.01	68.07 6.02 -10.09	75.08 7.11 -5.07	76.63 7.16 0.00	61.82 5.72 0.00	48.62 4.38 0.00	39.17 3.20 0.00
NYPA__ASTORIA_CC2 323569	34.91 1.08 -21.45	32.09 1.10 -18.37	31.97 0.89 -20.53	31.97 0.96 -19.74	32.68 1.01 -19.68	35.54 1.76 -13.00	43.37 2.61 -9.69	43.77 3.17 -5.75	37.91 2.63 -8.51	33.43 2.25 -10.14	32.25 2.38 -8.61	34.12 2.32 -10.68	36.96 2.26 -14.49	38.09 2.74 -11.94	39.68 3.04 -10.43	49.32 3.41 -17.25	53.29 4.32 -13.52	55.76 4.83 -11.01	68.07 6.02 -10.09	75.08 7.11 -5.07	76.63 7.16 0.00	61.82 5.72 0.00	48.62 4.38 0.00	39.17 3.20 0.00
NYPA__HOLTSVILL 23794	49.22 1.18 -35.65	42.38 1.20 -28.56	44.78 0.99 -33.23	32.01 1.00 -19.73	32.78 1.10 -19.68	35.91 2.14 -13.00	44.06 3.29 -9.70	44.51 3.90 -5.76	38.28 3.00 -8.51	33.50 2.32 -10.14	32.35 2.49 -8.61	34.20 2.41 -10.68	37.17 2.46 -14.49	38.30 2.95 -11.94	39.97 3.33 -10.43	49.29 3.38 -17.25	52.72 3.76 -13.51	55.02 4.11 -10.99	60.58 4.78 -3.85	70.59 5.85 -1.84	67.04 5.76 8.20	61.14 5.05 0.00	49.20 4.95 -0.01	39.65 3.67 -0.01
NYPA__HELLGATE_GT1 24158	34.99 1.15 -21.45	32.17 1.17 -18.37	32.05 0.96 -20.53	32.04 1.03 -19.74	32.77 1.09 -19.69	35.60 1.83 -13.00	43.31 2.55 -9.69	43.74 3.14 -5.75	37.94 2.65 -8.51	33.49 2.29 -10.15	32.27 2.38 -8.63	34.14 2.32 -10.69	36.98 2.26 -14.51	38.06 2.71 -11.94	39.63 2.99 -10.43	49.32 3.41 -17.25	53.25 4.29 -13.51	55.68 4.75 -11.01	68.07 6.02 -10.09	75.01 7.04 -5.07	76.56 7.09 0.00	61.82 5.72 0.00	48.71 4.47 0.00	39.32 3.35 0.00

NYPA_____HELLGATE_GT2 24159	34.99	32.17	32.05	32.04	32.77	35.60	43.31	43.74	37.94	33.49	32.27	34.14	36.98	38.06	39.63	49.32	53.25	55.68	68.07	75.01	76.56	61.82	48.71	39.32
	1.15	1.17	0.96	1.03	1.09	1.83	2.55	3.14	2.65	2.29	2.38	2.32	2.26	2.71	2.99	3.41	4.29	4.75	6.02	7.04	7.09	5.72	4.47	3.35
	-21.45	-18.37	-20.53	-19.74	-19.69	-13.00	-9.69	-5.75	-8.51	-10.15	-8.63	-10.69	-14.51	-11.94	-10.43	-17.25	-13.51	-11.01	-10.09	-5.07	0.00	0.00	0.00	0.00
NYS_BARGE___HYD 23848	12.78	12.93	11.19	11.79	12.31	19.77	28.54	31.68	24.79	19.75	19.75	19.75	19.68	21.88	24.16	26.75	32.02	36.00	46.36	56.23	62.53	50.13	39.80	32.70
	-1.11	-0.97	-0.81	-0.87	-1.07	-1.91	-3.20	-3.55	-2.57	-2.00	-2.10	-2.11	-2.02	-2.36	-2.78	-3.12	-3.54	-3.99	-5.66	-6.92	-6.95	-5.95	-4.42	-3.27
	-1.51	-1.29	-1.44	-1.39	-1.38	-0.91	-0.67	-0.39	-0.59	-0.70	-0.60	-0.74	-1.49	-0.83	-0.72	-1.21	-0.11	-0.07	-0.07	-0.26	0.00	0.02	0.02	0.00
OAK ORCHARD___HYD 24046	13.36	13.47	11.59	12.23	12.78	20.78	30.30	33.65	26.17	20.87	20.92	20.96	21.09	23.24	25.73	28.39	33.57	37.87	48.93	59.64	66.62	53.16	42.02	34.39
	-0.57	-0.47	-0.45	-0.47	-0.64	-0.93	-1.46	-1.60	-1.20	-0.90	-0.96	-0.93	-0.85	-1.03	-1.23	-1.52	-2.16	-2.27	-3.22	-3.52	-2.85	-2.92	-2.21	-1.58
	-1.55	-1.32	-1.49	-1.43	-1.43	-0.94	-0.69	-0.41	-0.61	-0.73	-0.62	-0.77	-1.73	-0.86	-0.75	-1.25	-0.28	-0.22	-0.20	-0.27	0.00	0.01	0.01	0.00
OAKDALE___35_KV_LOAD 356122	21.56	20.49	19.29	19.69	20.39	26.48	35.60	37.74	30.65	25.50	25.07	25.78	25.33	28.66	30.89	36.21	43.51	46.85	59.14	67.41	71.44	57.44	45.01	36.37
	0.16	0.15	0.13	0.14	0.14	0.25	0.47	0.56	0.43	0.32	0.30	0.30	0.30	0.37	0.42	0.49	0.57	0.76	0.83	1.01	0.97	0.84	0.62	0.40
	-9.01	-7.72	-8.61	-8.28	-8.26	-5.46	-4.07	-2.34	-3.45	-4.14	-3.52	-4.36	-4.82	-4.87	-4.26	-7.06	-7.49	-6.17	-6.36	-3.50	-1.00	-0.51	-0.15	0.00
OCC_CHEM___DRP 24175	12.76	12.94	11.01	11.57	12.07	19.58	28.42	31.46	24.56	19.67	19.67	19.67	19.69	21.77	23.97	26.45	30.94	34.85	44.95	55.15	61.69	49.12	39.18	32.52
	-1.13	-0.96	-0.98	-1.07	-1.30	-2.10	-3.32	-3.76	-2.78	-2.04	-2.15	-2.15	-1.98	-2.43	-2.94	-3.38	-4.57	-5.11	-7.01	-7.99	-7.78	-6.96	-5.04	-3.45
	-1.50	-1.28	-1.43	-1.37	-1.37	-0.90	-0.68	-0.38	-0.57	-0.67	-0.56	-0.71	-1.46	-0.79	-0.69	-1.17	-0.07	-0.04	-0.01	-0.24	0.00	0.02	0.02	0.00
OH_GEN_PROXY 24063	12.84	13.01	11.20	11.78	12.30	19.80	29.11	32.10	25.08	20.04	20.06	20.06	20.04	22.20	24.50	27.00	31.80	35.80	46.25	56.55	63.01	50.30	39.94	32.92
	-1.04	-0.88	-0.80	-0.88	-1.08	-1.75	-2.76	-3.14	-2.28	-1.70	-1.79	-1.80	-1.66	-2.04	-2.44	-2.87	-3.76	-4.19	-5.77	-6.60	-6.46	-5.78	-4.29	-3.06
	-1.50	-1.28	-1.45	-1.39	-1.39	-0.77	-0.81	-0.39	-0.58	-0.70	-0.59	-0.74	-1.49	-0.83	-0.72	-1.20	-0.10	-0.07	-0.06	-0.26	0.00	0.02	0.02	0.00
OLIN_CORP_DRP 24177	12.64	12.80	11.11	11.70	12.21	19.54	28.16	31.23	24.44	19.48	19.48	19.48	19.45	21.58	23.83	26.36	31.61	35.03	45.11	55.27	61.55	49.23	39.23	32.38
	-1.23	-1.09	-0.88	-0.95	-1.15	-2.14	-3.60	-4.01	-2.92	-2.25	-2.36	-2.37	-2.26	-2.65	-3.09	-3.47	-3.90	-4.91	-6.86	-7.86	-7.92	-6.84	-5.00	-3.60
	-1.48	-1.27	-1.43	-1.38	-1.37	-0.90	-0.70	-0.39	-0.59	-0.69	-0.58	-0.73	-1.50	-0.81	-0.71	-1.17	-0.06	-0.02	-0.02	-0.24	0.00	0.02	0.02	0.00
OLIN_CORP_DSASP 323712	12.76	12.94	11.01	11.57	12.07	19.58	28.42	31.46	24.56	19.67	19.67	19.67	19.69	21.77	23.97	26.45	30.94	34.85	44.95	55.15	61.69	49.12	39.18	32.52
	-1.13	-0.96	-0.98	-1.07	-1.30	-2.10	-3.32	-3.76	-2.78	-2.04	-2.15	-2.15	-1.98	-2.43	-2.94	-3.38	-4.57	-5.11	-7.01	-7.99	-7.78	-6.96	-5.04	-3.45
	-1.50	-1.28	-1.43	-1.37	-1.37	-0.90	-0.68	-0.38	-0.57	-0.67	-0.56	-0.71	-1.46	-0.79	-0.69	-1.17	-0.07	-0.04	-0.01	-0.24	0.00	0.02	0.02	0.00
ONEIDA_HERK_LFGE 323681	13.30	13.36	11.40	12.09	12.84	21.30	31.41	35.04	26.86	21.20	21.31	21.31	20.55	23.68	26.38	29.20	35.80	40.47	54.33	65.57	72.17	58.13	45.60	36.65
	-0.06	-0.09	-0.08	-0.08	-0.05	-0.06	-0.09	-0.07	-0.29	-0.32	-0.34	-0.30	-0.32	-0.28	-0.31	-0.26	-0.25	0.04	1.20	1.38	1.74	1.57	1.24	0.68
	-0.97	-0.83	-0.93	-0.90	-0.89	-0.59	-0.44	-0.26	-0.38	-0.46	-0.39	-0.49	-0.66	-0.55	-0.48	-0.79	-0.60	-0.51	-1.18	-1.30	-0.96	-0.47	-0.12	0.00
ONEIDA___115KV_TB4 55905	14.02	14.06	12.09	12.76	13.51	22.03	32.36	35.96	27.76	21.99	22.08	22.08	21.42	24.55	27.30	30.30	36.99	41.65	54.86	66.15	72.61	58.35	45.70	36.80
	0.22	0.23	0.18	0.19	0.22	0.39	0.65	0.73	0.43	0.27	0.26	0.25	0.24	0.35	0.39	0.49	0.67	1.00	1.45	1.76	2.08	1.74	1.33	0.83
	-1.42	-1.21	-1.35	-1.30	-1.30	-0.86	-0.64	-0.38	-0.56	-0.67	-0.57	-0.71	-0.96	-0.79	-0.69	-1.15	-0.87	-0.73	-1.45	-1.50	-1.05	-0.51	-0.13	0.00
ONONDAGA_REF_OCCRA 23987	14.93	14.80	12.98	13.59	14.32	22.32	32.30	35.62	27.87	22.30	22.31	22.42	22.00	24.91	27.52	30.81	36.48	40.82	54.14	65.62	71.60	57.04	44.41	35.83
	0.02	0.03	0.01	0.00	0.01	0.02	0.09	0.10	0.11	0.06	0.04	0.04	0.08	0.09	0.08	0.11	0.04	0.04	-0.10	0.00	0.07	-0.06	-0.09	-0.14
	-2.52	-2.16	-2.41	-2.32	-2.31	-1.53	-1.14	-0.67	-0.99	-1.20	-1.02	-1.26	-1.71	-1.41	-1.23	-2.04	-1.00	-0.86	-2.29	-2.72	-2.05	-1.00	-0.26	0.00
ONONDAGA___COGEN 23986	14.46	14.39	12.53	13.16	13.88	22.02	32.03	35.43	27.66	22.07	22.11	22.18	21.77	24.64	27.31	30.46	36.27	40.62	54.55	66.38	72.31	57.34	44.47	35.79
	0.01	0.01	0.00	-0.01	0.00	0.00	0.03	0.03	0.08	0.04	0.02	0.02	0.06	0.07	0.08	0.11	0.00	-0.04	-0.21	-0.13	-0.07	-0.17	-0.13	-0.18
	-2.06	-1.76	-1.97	-1.90	-1.89	-1.25	-0.94	-0.55	-0.81	-0.99	-0.84	-1.04	-1.50	-1.16	-1.01	-1.68	-0.81	-0.74	-2.80	-3.61	-2.91	-1.42	-0.36	0.00
ONTARIO___LFGE 23819	13.84	13.83	11.98	12.61	13.30	21.42	31.37	34.60	26.93	21.35	21.37	21.36	21.75	23.74	26.37	29.42	34.73	39.44	51.70	62.81	69.46	55.64	43.67	35.33
	-0.26	-0.25	-0.22	-0.25	-0.28	-0.40	-0.47	-0.70	-0.51	-0.51	-0.57	-0.61	-0.54	-0.63	-0.68	-0.63	-0.81	-0.56	-0.93	-1.26	-0.83	-0.84	-0.66	-0.65
	-1.71	-1.47	-1.65	-1.59	-1.58	-1.04	-0.77	-0.45	-0.67	-0.81	-0.69	-0.85	-2.08	-0.96	-0.83	-1.39	-0.09	-0.08	-0.68	-1.17	-0.82	-0.39	-0.09	0.00
ORANGEVILLE_WT_PWR 323706	12.76	12.82	11.09	11.67	12.26	19.80	28.80	31.60	24.69	19.62	19.58	19.51	4.01	21.68	24.14	27.19	32.15	36.73	47.73	58.53	64.54	52.14	41.26	33.64
	-1.10	-1.06	-0.90	-0.97	-1.10	-1.87	-2.92	-3.63	-2.65	-2.10	-2.25	-2.32	-2.18	-2.53	-2.78	-2.66	-3.08	-2.99	-4.05	-4.59	-4.93	-3.93	-2.96	-2.34
	-1.48	-1.26	-1.43	-1.37	-1.37	-0.90	-0.66	-0.38	-0.57	-0.68	-0.58	-0.72	14.02	-0.80	-0.70	-1.19	0.21	0.19	0.18	-0.22	0.00	0.02	0.02	0.00
ORANGEVILLE___ESR 323794	12.76	12.82	11.09	11.67	12.26	19.80	28.80	31.60	24.69	19.62	19.58	19.51	4.01	21.68	24.14	27.19	32.15	36.73	47.73	58.53	64.54	52.14	41.26	33.64
	-1.10	-1.06	-0.90	-0.97	-1.10	-1.87	-2.92	-3.63	-2.65	-2.10	-2.25	-2.32	-2.18	-2.53	-2.78	-2.66	-3.08	-2.99	-4.05	-4.59	-4.93	-3.93	-2.96	-2.34
	-1.48	-1.26	-1.43	-1.37	-1.37	-0.90	-0.66	-0.38	-0.57	-0.68	-0.58	-0.72	14.02	-0.80	-0.70	-1.19	0.21	0.19	0.18	-0.22	0.00	0.02	0.02	0.00

OSWEGATCHIE___HYD 24044	12.50 -0.62 -0.73	12.56 -0.68 -0.63	10.71 -0.55 -0.70	11.36 -0.59 -0.68	12.13 -0.54 -0.67	20.31 -0.91 -0.44	29.97 -1.43 -0.33	33.41 -1.64 -0.20	25.51 -1.55 -0.29	20.09 -1.30 -0.35	20.34 -1.21 -0.30	20.31 -1.18 -0.37	19.52 -1.19 -0.50	22.49 -1.33 -0.41	25.06 -1.52 -0.36	27.66 -1.60 -0.60	33.85 -2.06 -0.45	38.40 -1.92 -0.40	51.82 -1.30 -1.16	62.50 -1.76 -1.37	69.09 -1.46 -1.08	55.72 -0.90 -0.53	43.85 -0.53 -0.14	35.36 -0.61 0.00
OSWEGO___5 23606	13.78 -0.22 -1.62	13.79 -0.21 -1.38	11.91 -0.19 -1.55	12.56 -0.20 -1.49	13.25 -0.23 -1.48	21.36 -0.40 -0.98	31.20 -0.59 -0.73	34.62 -0.66 -0.43	26.98 -0.43 -0.64	21.53 -0.34 -0.82	21.59 -0.36 -0.70	21.62 -0.36 -0.86	21.06 -0.32 -1.17	23.98 -0.40 -0.96	26.61 -0.45 -0.84	29.55 -0.52 -1.40	35.42 -0.71 -0.68	39.85 -0.92 -0.85	59.48 -1.25 -8.77	73.82 -1.44 -12.37	78.89 -1.46 -10.88	60.11 -1.29 -5.31	44.59 -1.02 -1.37	35.11 -0.86 0.00
OSWEGO___6 23613	13.78 -0.22 -1.62	13.79 -0.21 -1.38	11.91 -0.19 -1.55	12.56 -0.20 -1.49	13.25 -0.23 -1.48	21.36 -0.40 -0.98	31.20 -0.59 -0.73	34.62 -0.66 -0.43	26.98 -0.43 -0.64	21.53 -0.34 -0.82	21.59 -0.36 -0.70	21.62 -0.36 -0.86	21.06 -0.32 -1.17	23.98 -0.40 -0.96	26.61 -0.45 -0.84	29.55 -0.52 -1.40	35.42 -0.71 -0.68	39.85 -0.92 -0.85	59.48 -1.25 -8.77	73.82 -1.44 -12.37	78.89 -1.46 -10.88	60.11 -1.29 -5.31	44.59 -1.02 -1.37	35.11 -0.86 0.00
OUTOKUMPU-AB___DRP 24206	12.85 -1.03 -1.49	13.00 -0.90 -1.28	11.16 -0.83 -1.44	11.75 -0.90 -1.38	12.28 -1.09 -1.38	19.83 -1.85 -0.90	28.74 -3.01 -0.69	31.92 -3.31 -0.39	24.97 -2.38 -0.58	19.89 -1.83 -0.68	19.87 -1.96 -0.57	19.89 -1.94 -0.72	19.89 -1.82 -1.50	22.04 -2.18 -0.80	24.35 -2.57 -0.70	26.96 -2.87 -1.17	31.86 -3.65 -0.06	35.83 -4.11 -0.02	46.31 -5.66 -0.02	56.59 -6.54 -0.24	62.94 -6.53 0.00	50.41 -5.67 0.02	40.20 -4.03 0.02	33.13 -2.84 0.00
OXBOW___BTM 323836	12.81 -1.08 -1.50	12.98 -0.92 -1.28	11.09 -0.90 -1.43	11.67 -0.98 -1.38	12.18 -1.19 -1.37	19.72 -1.95 -0.90	28.55 -3.17 -0.66	31.71 -3.52 -0.38	24.80 -2.54 -0.57	19.80 -1.94 -0.69	19.79 -2.04 -0.58	19.82 -2.03 -0.72	19.82 -1.88 -1.49	21.93 -2.29 -0.81	24.20 -2.73 -0.71	26.72 -3.15 -1.20	31.71 -3.83 -0.09	35.58 -4.39 -0.05	45.93 -6.08 -0.06	55.98 -7.17 -0.25	62.39 -7.09 0.00	49.85 -6.23 0.02	39.71 -4.51 0.02	32.70 -3.27 0.00
OXBOW___ 24026	12.80 -1.08 -1.50	12.98 -0.92 -1.28	11.09 -0.90 -1.43	11.67 -0.98 -1.38	12.18 -1.19 -1.37	19.72 -1.95 -0.90	28.58 -3.17 -0.68	31.71 -3.52 -0.38	24.80 -2.54 -0.58	19.78 -1.94 -0.67	19.78 -2.04 -0.57	19.80 -2.03 -0.71	19.81 -1.88 -1.48	21.91 -2.29 -0.80	24.18 -2.73 -0.69	26.74 -3.10 -1.17	31.45 -4.08 -0.07	35.40 -4.55 -0.03	45.70 -6.29 -0.03	55.90 -7.23 -0.24	62.39 -7.09 0.00	49.79 -6.28 0.02	39.76 -4.47 0.02	32.88 -3.09 0.00
OXY_CHEM_DSASP 323612	12.76 -1.13 -1.50	12.94 -0.96 -1.28	11.01 -0.98 -1.43	11.57 -1.07 -1.37	12.07 -1.30 -1.37	19.58 -2.10 -0.90	28.42 -3.32 -0.68	31.46 -3.76 -0.38	24.56 -2.78 -0.57	19.67 -2.04 -0.67	19.67 -2.15 -0.56	19.67 -2.15 -0.71	19.69 -1.98 -1.46	21.77 -2.43 -0.79	23.97 -2.94 -0.69	26.45 -3.38 -1.17	30.94 -4.57 -0.07	34.85 -5.11 -0.04	44.95 -7.01 -0.01	55.15 -7.99 -0.24	61.69 -7.78 0.00	49.12 -6.96 0.02	39.18 -5.04 0.02	32.52 -3.45 0.00
OZONE_PARK_ESR 323760	34.95 1.11 -21.45	32.11 1.12 -18.37	31.99 0.91 -20.52	31.98 0.98 -19.73	32.71 1.03 -19.68	35.62 1.85 -13.00	43.66 2.86 -9.73	44.01 3.42 -5.75	38.07 2.78 -8.51	33.55 2.38 -10.13	32.38 2.51 -8.61	34.25 2.45 -10.68	37.11 2.41 -14.49	38.25 2.90 -11.94	39.87 3.22 -10.43	49.50 3.58 -17.25	53.43 4.47 -13.51	55.95 5.03 -11.01	68.29 6.29 -10.05	75.37 7.42 -5.05	77.11 7.64 0.00	62.09 6.00 0.00	48.75 4.51 0.00	39.35 3.38 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	12.76 -1.13 -1.50	12.94 -0.96 -1.28	11.01 -0.98 -1.43	11.57 -1.07 -1.37	12.07 -1.30 -1.37	19.58 -2.10 -0.90	28.42 -3.32 -0.68	31.46 -3.76 -0.38	24.56 -2.78 -0.57	19.67 -2.04 -0.67	19.67 -2.15 -0.56	19.67 -2.15 -0.71	19.69 -1.98 -1.46	21.77 -2.43 -0.79	23.97 -2.94 -0.69	26.45 -3.38 -1.17	30.94 -4.57 -0.07	34.85 -5.11 -0.04	44.95 -7.01 -0.01	55.15 -7.99 -0.24	61.69 -7.78 0.00	49.12 -6.96 0.02	39.18 -5.04 0.02	32.52 -3.45 0.00
PACKARD___115KV_DUPONT_184 80571	12.76 -1.13 -1.50	12.94 -0.96 -1.28	11.01 -0.98 -1.43	11.57 -1.07 -1.37	12.07 -1.30 -1.37	19.58 -2.10 -0.90	28.39 -3.32 -0.65	31.46 -3.76 -0.37	24.55 -2.78 -0.56	19.69 -2.04 -0.68	19.68 -2.15 -0.57	19.68 -2.15 -0.72	19.70 -1.98 -1.47	21.78 -2.44 -0.81	23.98 -2.94 -0.70	26.40 -3.47 -1.20	31.28 -4.26 -0.08	34.98 -4.99 -0.06	45.19 -6.80 -0.04	55.10 -8.05 -0.25	61.69 -7.78 0.00	49.12 -6.96 0.02	39.14 -5.09 0.02	32.34 -3.63 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	34.96 1.13 -21.45	32.14 1.15 -18.37	32.02 0.93 -20.53	32.02 1.00 -19.74	32.74 1.07 -19.68	35.58 1.81 -13.00	43.35 2.55 -9.73	43.70 3.10 -5.75	37.85 2.57 -8.51	33.38 2.21 -10.13	32.17 2.30 -8.61	34.04 2.24 -10.68	36.88 2.18 -14.49	37.97 2.62 -11.94	39.58 2.94 -10.43	49.16 3.24 -17.25	53.01 4.04 -13.51	55.48 4.55 -11.01	67.72 5.71 -10.05	74.62 6.67 -5.05	76.21 6.74 0.00	61.59 5.50 0.00	48.53 4.29 0.00	39.25 3.27 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	35.11 1.28 -21.45	32.30 1.31 -18.37	32.16 1.08 -20.53	32.16 1.15 -19.74	32.90 1.22 -19.68	35.87 2.10 -13.00	43.72 2.92 -9.73	44.12 3.52 -5.75	38.15 2.86 -8.51	33.62 2.44 -10.13	32.40 2.53 -8.61	34.27 2.47 -10.68	37.13 2.43 -14.49	38.25 2.90 -11.94	39.87 3.22 -10.43	49.50 3.58 -17.25	53.43 4.47 -13.51	55.95 5.03 -11.01	68.34 6.34 -10.05	75.37 7.42 -5.05	77.11 7.64 0.00	62.37 6.28 0.00	49.15 4.91 0.00	39.79 3.81 0.00
PATROON___115KV_TB1 80586	37.50 0.41 -24.71	34.22 0.44 -21.16	34.55 0.35 -23.64	34.38 0.37 -22.74	35.05 0.38 -22.68	36.43 0.69 -14.97	43.31 1.03 -11.22	42.58 1.12 -6.62	37.46 0.88 -9.80	33.40 0.69 -11.66	31.84 0.68 -9.91	34.08 0.68 -12.28	37.51 0.63 -16.67	37.84 0.70 -13.73	39.00 0.79 -11.99	49.40 0.89 -19.85	51.60 1.13 -15.02	53.82 1.40 -12.50	64.99 1.87 -11.17	70.91 2.33 -5.69	71.77 2.29 0.00	57.94 1.85 0.00	45.66 1.42 0.00	37.16 1.19 0.00
PATTRSNVILLE___SOLAR 323815	38.72 0.54 -25.79	35.27 0.57 -22.09	35.71 0.48 -24.68	35.50 0.50 -23.73	36.19 0.53 -23.67	37.34 0.94 -15.63	44.06 1.43 -11.57	43.17 1.46 -6.86	37.84 0.91 -10.16	33.70 0.57 -12.08	31.99 0.47 -10.27	34.29 0.44 -12.73	37.93 0.44 -17.28	38.20 0.56 -14.23	39.30 0.66 -12.43	50.01 0.77 -20.57	52.54 1.17 -15.93	54.53 1.64 -12.97	66.32 2.39 -11.98	72.09 3.14 -6.05	72.74 3.27 0.00	58.73 2.64 0.00	46.23 1.99 0.00	37.63 1.66 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	13.08 -0.79 -1.49	13.08 -0.81 -1.27	11.36 -0.63 -1.44	11.97 -0.68 -1.38	12.64 -0.73 -1.38	20.25 -1.43 -0.90	29.46 -2.30 -0.69	32.63 -2.61 -0.39	25.70 -1.66 -0.59	20.43 -1.30 -0.69	20.41 -1.42 -0.58	20.34 -1.50 -0.72	20.40 -1.39 -1.59	22.63 -1.59 -0.81	25.14 -1.78 -0.71	28.14 -1.69 -1.17	33.37 -2.06 0.02	37.76 -2.12 0.04	48.84 -3.07 0.05	58.60 -4.53 -0.24	63.57 -5.91 0.00	52.37 -3.70 0.02	41.17 -3.05 0.02	33.31 -2.66 0.00

PAWLING_115_KV_BK3_REV_LBMP_H 345028	35.20 1.00 -21.81	32.30 1.01 -18.67	32.24 0.81 -20.87	32.20 0.87 -20.06	32.93 0.92 -20.01	35.65 1.66 -13.21	43.54 2.58 -9.90	43.69 3.00 -5.84	37.80 2.38 -8.65	33.29 1.96 -10.29	32.08 2.08 -8.74	33.99 2.03 -10.84	36.97 2.04 -14.71	37.96 2.43 -12.12	39.58 2.78 -10.59	49.28 3.10 -17.52	53.01 3.86 -13.70	55.55 4.47 -11.16	67.76 5.61 -10.19	74.94 6.92 -5.13	76.42 6.95 0.00	61.59 5.50 0.00	48.40 4.16 0.00	39.03 3.06 0.00
PEEKSKILL____ 23653	34.65 0.93 -21.34	31.82 0.93 -18.27	31.73 0.76 -20.42	31.73 0.82 -19.63	32.44 0.86 -19.58	35.26 1.56 -12.93	43.13 2.42 -9.64	43.43 2.86 -5.72	37.54 2.30 -8.47	33.06 1.93 -10.08	31.88 2.06 -8.56	33.74 2.01 -10.61	36.60 1.98 -14.41	37.67 2.39 -11.87	39.26 2.68 -10.36	48.82 3.01 -17.15	52.65 3.76 -13.44	55.14 4.27 -10.95	67.30 5.30 -10.05	74.30 6.35 -5.05	75.93 6.46 0.00	61.14 5.05 0.00	48.18 3.94 0.00	38.81 2.84 0.00
PGE MADISON__WINDPWR 24146	20.21 0.47 -7.35	19.36 0.44 -6.30	17.96 0.37 -7.03	18.44 0.41 -6.76	19.19 0.46 -6.74	26.04 0.81 -4.45	36.14 1.74 -3.33	38.68 1.92 -1.91	30.72 1.12 -2.83	25.06 0.63 -3.38	24.58 0.45 -2.87	25.19 0.51 -3.56	25.34 0.44 -4.69	28.10 0.70 -3.98	30.59 0.89 -3.48	35.60 1.18 -5.76	42.24 1.95 -4.84	46.90 2.99 -3.99	59.78 3.43 -4.39	69.97 4.15 -2.92	75.55 5.00 -1.08	61.05 4.43 -0.53	47.83 3.45 -0.14	38.24 2.27 0.00
PIERCEFIELD____HYD 23852	12.15 -0.67 -0.44	12.25 -0.74 -0.37	10.39 -0.58 -0.42	11.05 -0.62 -0.40	11.84 -0.55 -0.40	20.08 -0.96 -0.26	29.80 -1.46 -0.20	33.26 -1.71 -0.12	25.45 -1.50 -0.17	20.01 -1.24 -0.21	20.33 -1.11 -0.18	20.26 -1.08 -0.22	19.40 -1.11 -0.30	22.37 -1.29 -0.25	24.96 -1.47 -0.22	27.42 -1.61 -0.36	33.88 -1.84 -0.27	38.28 -1.88 -0.24	50.84 -1.77 -0.65	61.08 -2.58 -0.76	67.63 -2.43 -0.59	54.87 -1.51 -0.29	43.21 -1.11 -0.07	35.11 -0.86 0.00
PINELAWN_CC_I 323563	49.25 1.21 -35.65	42.40 1.22 -28.56	44.78 0.99 -33.23	31.99 0.98 -19.73	32.76 1.08 -19.68	35.87 2.10 -13.00	44.03 3.26 -9.70	44.44 3.83 -5.76	38.21 2.92 -8.51	33.45 2.27 -10.14	32.31 2.44 -8.61	34.16 2.36 -10.68	37.10 2.40 -14.49	38.20 2.85 -11.94	39.87 3.22 -10.43	49.32 3.41 -17.25	52.79 3.83 -13.51	55.14 4.23 -10.99	61.74 5.04 -4.74	71.30 6.10 -2.30	68.49 6.04 7.03	61.36 5.27 0.00	49.16 4.91 -0.01	39.69 3.71 -0.01
PJM_GEN_HTP_PROXY 323702	34.87 1.04 -21.45	32.03 1.05 -18.37	31.92 0.84 -20.52	31.92 0.91 -19.73	32.65 0.97 -19.68	35.35 1.72 -12.85	43.57 2.67 -9.83	43.80 3.20 -5.75	37.91 2.63 -8.51	33.41 2.23 -10.14	32.23 2.36 -8.62	34.10 2.30 -10.68	36.96 2.26 -14.49	38.09 2.74 -11.94	39.69 3.04 -10.43	49.32 3.41 -17.25	53.26 4.29 -13.52	55.76 4.83 -11.01	68.02 5.97 -10.09	75.08 7.11 -5.07	76.77 7.29 0.00	61.75 5.66 0.00	48.62 4.38 0.00	39.14 3.17 0.00
PJM_GEN_KEystone 24065	24.64 0.10 -12.15	23.15 0.13 -10.41	21.27 0.02 -10.69	21.58 0.02 -10.28	22.24 -0.01 -10.26	27.42 0.02 -6.63	36.34 0.09 -5.18	37.97 0.14 -2.99	31.39 0.19 -4.42	26.55 0.23 -5.27	25.96 0.23 -4.47	26.86 0.19 -5.55	28.34 0.22 -7.90	29.92 0.30 -6.21	31.92 0.29 -5.42	38.04 0.40 -8.97	42.38 0.50 -6.43	45.83 0.68 -5.23	57.43 0.67 -4.80	66.29 0.82 -2.57	69.96 0.49 0.00	56.42 0.34 0.01	44.45 0.22 0.01	35.97 0.00 0.00
PJM_GEN_NEPTUNE_PROXY 323594	41.10 1.10 -27.61	36.52 1.11 -22.79	37.09 0.90 -25.63	31.89 0.88 -19.73	32.64 0.96 -19.68	35.48 1.85 -12.86	43.76 2.86 -9.84	43.95 3.35 -5.76	37.91 2.63 -8.51	33.26 2.08 -10.14	32.10 2.23 -8.61	33.97 2.18 -10.68	36.92 2.22 -14.49	37.95 2.60 -11.94	39.58 2.94 -10.43	49.01 3.10 -17.25	52.47 3.51 -13.51	54.74 3.83 -10.99	59.91 4.57 -3.39	69.97 5.47 -1.60	66.09 5.42 8.81	60.69 4.60 0.00	48.50 4.25 -0.01	39.22 3.24 -0.01
PJM_GEN_VFT_PROXY 323633	34.85 1.02 -21.45	31.99 1.01 -18.37	31.89 0.81 -20.52	31.88 0.88 -19.73	32.61 0.94 -19.68	35.31 1.68 -12.85	43.48 2.58 -9.83	43.70 3.10 -5.75	37.83 2.54 -8.51	33.37 2.19 -10.14	32.19 2.32 -8.61	34.06 2.26 -10.68	36.92 2.22 -14.49	38.02 2.67 -11.94	39.63 2.99 -10.43	49.27 3.35 -17.25	53.22 4.25 -13.52	55.72 4.79 -11.01	67.97 5.92 -10.09	74.95 6.98 -5.07	76.63 7.16 0.00	61.70 5.61 0.00	48.49 4.25 0.00	39.03 3.06 0.00
PLATSBURG_115KV_PMLD1 355749	12.11 -0.27 0.00	12.28 -0.34 0.00	10.30 -0.25 0.00	11.01 -0.26 0.00	11.77 -0.23 0.00	20.38 -0.39 0.00	30.47 -0.59 0.00	34.15 -0.70 0.00	26.18 -0.59 0.00	20.56 -0.48 0.00	20.83 -0.43 0.00	20.68 -0.44 0.00	19.71 -0.51 0.00	22.87 -0.54 0.00	25.67 -0.55 0.00	28.06 -0.60 0.00	34.88 -0.57 0.00	39.44 -0.48 0.00	51.59 -0.36 0.00	62.20 -0.69 0.00	68.99 -0.49 0.00	55.76 -0.34 0.00	43.98 -0.27 0.00	35.76 -0.22 0.00
PLEASANTVLY____LBMP 24000	35.27 0.85 -22.03	32.34 0.86 -18.87	32.34 0.70 -21.08	32.30 0.76 -20.27	33.00 0.79 -20.22	35.56 1.43 -13.35	43.24 2.17 -10.00	43.30 2.54 -5.91	37.56 2.03 -8.75	33.18 1.73 -10.41	31.93 1.83 -8.85	33.86 1.77 -10.97	36.86 1.76 -14.89	37.76 2.08 -12.27	39.26 2.33 -10.71	48.97 2.58 -17.73	52.48 3.19 -13.84	54.83 3.63 -11.28	66.78 4.52 -10.30	73.49 5.41 -5.19	74.96 5.49 0.00	60.47 4.38 0.00	47.60 3.36 0.00	38.49 2.52 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	34.87 0.98 -21.51	32.02 0.98 -18.42	31.93 0.79 -20.58	31.92 0.86 -19.79	32.64 0.91 -19.74	35.45 1.64 -13.03	43.34 2.52 -9.76	43.61 3.00 -5.77	37.72 2.41 -8.54	33.25 2.04 -10.16	32.06 2.17 -8.64	33.94 2.11 -10.71	36.82 2.08 -14.53	37.89 2.50 -11.97	39.48 2.81 -10.46	49.03 3.07 -17.30	52.83 3.83 -13.55	55.26 4.31 -11.03	67.43 5.40 -10.08	74.38 6.42 -5.07	76.00 6.53 0.00	61.25 5.16 0.00	48.18 3.94 0.00	38.92 2.95 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	34.87 0.98 -21.51	32.02 0.98 -18.42	31.93 0.79 -20.58	31.92 0.86 -19.79	32.64 0.91 -19.74	35.45 1.64 -13.03	43.34 2.52 -9.76	43.61 3.00 -5.77	37.72 2.41 -8.54	33.25 2.04 -10.16	32.06 2.17 -8.64	33.94 2.11 -10.71	36.82 2.08 -14.53	37.89 2.50 -11.97	39.48 2.81 -10.46	49.03 3.07 -17.30	52.83 3.83 -13.55	55.26 4.31 -11.03	67.43 5.40 -10.08	74.38 6.42 -5.07	76.00 6.53 0.00	61.25 5.16 0.00	48.18 3.94 0.00	38.92 2.95 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	35.40 0.90 -22.11	32.46 0.91 -18.94	32.46 0.74 -21.16	32.41 0.79 -20.35	33.13 0.84 -20.29	35.69 1.52 -13.40	43.40 2.30 -10.04	43.49 2.72 -5.92	37.66 2.11 -8.77	33.20 1.73 -10.43	31.94 1.83 -8.86	33.88 1.77 -10.99	36.88 1.76 -14.91	37.80 2.11 -12.29	39.31 2.36 -10.73	49.06 2.64 -17.76	52.65 3.33 -13.86	55.13 3.91 -11.30	67.21 4.94 -10.32	74.13 6.04 -5.19	75.66 6.18 0.00	60.97 4.88 0.00	47.96 3.72 0.00	38.74 2.77 0.00
POLETTI____ 23519	34.86 1.03 -21.45	32.02 1.03 -18.37	31.91 0.83 -20.52	31.91 0.90 -19.73	32.63 0.96 -19.68	35.47 1.70 -13.00	43.41 2.61 -9.73	43.73 3.14 -5.75	37.85 2.57 -8.51	33.36 2.19 -10.13	32.19 2.32 -8.61	34.06 2.26 -10.68	36.92 2.22 -14.49	38.02 2.67 -11.94	39.63 2.99 -10.43	49.21 3.30 -17.25	53.04 4.08 -13.51	55.52 4.59 -11.01	67.72 5.71 -10.05	74.68 6.73 -5.05	76.35 6.88 0.00	61.53 5.44 0.00	48.36 4.11 0.00	39.07 3.09 0.00

POMONA___ESR 323819	34.40 0.93 -21.08	31.61 0.93 -18.05	31.49 0.76 -20.17	31.48 0.81 -19.40	32.20 0.86 -19.35	35.11 1.56 -12.77	43.10 2.42 -9.61	43.36 2.86 -5.65	37.41 2.27 -8.37	32.91 1.91 -9.95	31.73 2.02 -8.45	33.59 1.98 -10.48	36.40 1.96 -14.23	37.47 2.34 -11.72	39.08 2.62 -10.24	48.73 2.98 -17.08	52.47 3.72 -13.29	54.98 4.23 -10.83	67.20 5.30 -9.94	74.24 6.35 -5.00	75.93 6.46 0.00	61.14 5.05 0.00	48.14 3.89 0.00	38.81 2.84 0.00
PORT_JEFF_3 23555	49.25 1.21 -35.65	42.41 1.24 -28.56	44.81 1.02 -33.23	32.03 1.03 -19.73	32.80 1.13 -19.68	35.97 2.20 -13.00	44.15 3.39 -9.70	44.62 4.01 -5.76	38.34 3.05 -8.51	33.54 2.36 -10.14	32.42 2.55 -8.61	34.25 2.45 -10.68	37.23 2.53 -14.49	38.34 3.00 -11.94	40.05 3.41 -10.43	49.38 3.47 -17.25	52.86 3.90 -13.51	55.18 4.27 -10.99	60.85 5.04 -3.86	70.91 6.17 -1.85	67.40 6.12 8.19	61.42 5.33 0.00	49.38 5.13 -0.01	39.79 3.81 -0.01
PORT_JEFF_4 23616	49.25 1.21 -35.65	42.41 1.24 -28.56	44.81 1.02 -33.23	32.03 1.03 -19.73	32.80 1.13 -19.68	35.97 2.20 -13.00	44.15 3.39 -9.70	44.62 4.01 -5.76	38.34 3.05 -8.51	33.54 2.36 -10.14	32.42 2.55 -8.61	34.25 2.45 -10.68	37.23 2.53 -14.49	38.34 3.00 -11.94	40.05 3.41 -10.43	49.38 3.47 -17.25	52.86 3.90 -13.51	55.18 4.27 -10.99	60.85 5.04 -3.86	70.91 6.17 -1.85	67.40 6.12 8.19	61.42 5.33 0.00	49.38 5.13 -0.01	39.79 3.81 -0.01
PORT_JEFF_IC 23713	49.28 1.24 -35.65	42.44 1.26 -28.56	44.83 1.05 -33.23	32.05 1.05 -19.73	32.84 1.16 -19.68	36.02 2.24 -13.00	44.26 3.45 -9.74	44.72 4.11 -5.76	38.42 3.13 -8.51	33.57 2.40 -10.13	32.46 2.59 -8.61	34.29 2.49 -10.68	37.27 2.57 -14.49	38.41 3.07 -11.94	40.13 3.49 -10.43	49.39 3.47 -17.25	52.76 3.79 -13.51	54.94 4.03 -10.98	60.84 5.04 -3.85	70.90 6.16 -1.84	67.57 6.25 8.15	61.25 5.16 0.00	49.38 5.13 -0.01	39.87 3.89 -0.01
PPL PILGRIM_ST_GT1 24216	49.29 1.25 -35.65	42.44 1.26 -28.56	44.82 1.04 -33.23	32.04 1.04 -19.73	32.82 1.14 -19.68	35.97 2.20 -13.00	44.18 3.42 -9.70	44.62 4.01 -5.76	38.36 3.08 -8.51	33.56 2.38 -10.14	32.42 2.55 -8.61	34.27 2.47 -10.68	37.23 2.53 -14.49	38.34 3.00 -11.94	40.05 3.41 -10.43	49.47 3.55 -17.25	52.90 3.93 -13.51	55.18 4.27 -10.99	60.82 4.83 -4.03	70.74 5.91 -1.93	67.27 5.76 7.96	61.25 5.16 0.00	49.42 5.17 -0.01	39.83 3.85 -0.01
PPL PILGRIM_ST_GT2 24217	49.29 1.25 -35.65	42.44 1.26 -28.56	44.82 1.04 -33.23	32.04 1.04 -19.73	32.82 1.14 -19.68	35.97 2.20 -13.00	44.18 3.42 -9.70	44.62 4.01 -5.76	38.36 3.08 -8.51	33.56 2.38 -10.14	32.42 2.55 -8.61	34.27 2.47 -10.68	37.23 2.53 -14.49	38.34 3.00 -11.94	40.05 3.41 -10.43	49.47 3.55 -17.25	52.90 3.93 -13.51	55.18 4.27 -10.99	60.82 4.83 -4.03	70.74 5.91 -1.93	67.27 5.76 7.96	61.25 5.16 0.00	49.42 5.17 -0.01	39.83 3.85 -0.01
PPL_SHRM_GT3 24213	49.25 1.21 -35.65	42.40 1.22 -28.56	44.80 1.01 -33.23	32.03 1.03 -19.73	32.80 1.13 -19.68	35.97 2.20 -13.00	44.15 3.39 -9.70	44.65 4.04 -5.76	38.36 3.08 -8.51	33.52 2.34 -10.14	32.37 2.51 -8.61	34.20 2.41 -10.68	37.19 2.49 -14.49	38.32 2.97 -11.94	40.05 3.41 -10.43	49.35 3.44 -17.25	52.86 3.90 -13.51	55.22 4.31 -10.99	60.97 5.14 -3.87	71.10 6.35 -1.85	67.56 6.26 8.17	61.59 5.50 0.00	49.42 5.17 -0.01	39.83 3.85 -0.01
PPL_SHRM_GT4 24214	49.25 1.21 -35.65	42.40 1.22 -28.56	44.80 1.01 -33.23	32.03 1.03 -19.73	32.80 1.13 -19.68	35.97 2.20 -13.00	44.15 3.39 -9.70	44.65 4.04 -5.76	38.36 3.08 -8.51	33.52 2.34 -10.14	32.37 2.51 -8.61	34.20 2.41 -10.68	37.19 2.49 -14.49	38.32 2.97 -11.94	40.05 3.41 -10.43	49.35 3.44 -17.25	52.86 3.90 -13.51	55.22 4.31 -10.99	60.97 5.14 -3.87	71.10 6.35 -1.85	67.56 6.26 8.17	61.59 5.50 0.00	49.42 5.17 -0.01	39.83 3.85 -0.01
PROJECT___ORANGE 1 24174	14.46 -0.02 -2.09	14.39 -0.03 -1.79	12.53 -0.03 -2.00	13.16 -0.03 -1.93	13.88 -0.04 -1.92	21.98 -0.06 -1.27	31.98 -0.03 -0.95	35.37 -0.03 -0.56	27.62 0.03 -0.83	22.04 0.00 -1.00	22.10 0.00 -0.85	22.17 0.00 -1.05	21.68 0.04 -1.42	24.61 0.02 -1.17	27.27 0.03 -1.03	30.42 0.06 -1.70	36.19 -0.07 -0.81	40.47 -0.16 -0.71	53.61 -0.36 -2.02	65.03 -0.31 -2.45	71.07 -0.28 -1.88	56.67 -0.34 -0.92	44.21 -0.27 -0.24	35.69 -0.29 0.00
PROJECT___ORANGE 2 24166	14.46 -0.02 -2.09	14.39 -0.03 -1.79	12.53 -0.03 -2.00	13.16 -0.03 -1.93	13.88 -0.04 -1.92	21.98 -0.06 -1.27	31.98 -0.03 -0.95	35.37 -0.03 -0.56	27.62 0.03 -0.83	22.04 0.00 -1.00	22.10 0.00 -0.85	22.17 0.00 -1.05	21.68 0.04 -1.42	24.61 0.02 -1.17	27.27 0.03 -1.03	30.42 0.06 -1.70	36.19 -0.07 -0.81	40.47 -0.16 -0.71	53.61 -0.36 -2.02	65.03 -0.31 -2.45	71.07 -0.28 -1.88	56.67 -0.34 -0.92	44.21 -0.27 -0.24	35.69 -0.29 0.00
PUCKETT___SOLAR 323809	21.48 0.26 -8.83	20.44 0.25 -7.57	19.21 0.21 -8.44	19.62 0.24 -8.12	20.35 0.26 -8.10	26.58 0.46 -5.35	35.92 0.96 -3.89	38.21 1.04 -2.31	30.89 0.69 -3.42	25.57 0.44 -4.08	25.10 0.38 -3.47	25.77 0.36 -4.30	25.57 0.36 -4.99	28.68 0.47 -4.80	30.96 0.55 -4.20	36.31 0.72 -6.93	43.47 1.03 -6.99	47.10 1.43 -5.75	59.61 1.56 -6.10	68.38 2.01 -3.47	72.62 2.16 -0.99	58.44 1.85 -0.50	45.80 1.42 -0.14	36.87 0.90 0.00
PYRITES___HYD 24023	12.35 -0.45 -0.41	12.45 -0.52 -0.35	10.54 -0.40 -0.39	11.23 -0.42 -0.37	12.02 -0.35 -0.37	20.44 -0.58 -0.25	30.38 -0.87 -0.18	33.84 -1.12 -0.11	25.78 -1.15 -0.16	20.21 -1.03 -0.19	20.51 -0.91 -0.17	20.44 -0.89 -0.20	19.56 -0.93 -0.28	22.58 -1.05 -0.23	25.24 -1.18 -0.20	27.73 -1.26 -0.33	34.39 -1.31 -0.25	38.98 -1.16 -0.22	51.72 -0.83 -0.60	62.21 -1.38 -0.70	68.97 -1.04 -0.54	55.91 -0.45 -0.26	44.00 -0.31 -0.07	35.69 -0.29 0.00
QUAKERRD_115KV_BK1 80622	13.24 -0.73 -1.58	13.32 -0.66 -1.35	11.47 -0.61 -1.52	12.09 -0.64 -1.46	12.66 -0.79 -1.46	20.51 -1.23 -0.96	29.93 -1.86 -0.73	33.21 -2.06 -0.42	25.84 -1.55 -0.62	20.58 -1.20 -0.74	20.65 -1.23 -0.63	20.67 -1.22 -0.78	20.70 -1.13 -1.62	22.94 -1.33 -0.87	25.40 -1.57 -0.76	28.08 -1.83 -1.25	33.22 -2.55 -0.33	37.38 -2.79 -0.25	48.28 -3.90 -0.22	58.89 -4.28 -0.27	65.58 -3.89 0.00	52.32 -3.76 0.01	41.40 -2.83 0.01	33.92 -2.05 0.00
QUENSBRY_115KV_TB8 356137	38.45 0.87 -25.20	35.10 0.91 -21.58	35.40 0.74 -24.11	35.22 0.77 -23.18	35.94 0.83 -23.12	37.50 1.45 -15.27	45.05 2.55 -11.44	44.29 2.72 -6.72	38.60 1.87 -9.95	34.06 1.18 -11.84	32.40 1.08 -10.06	34.65 1.06 -12.47	38.17 1.03 -16.93	38.55 1.19 -13.95	39.76 1.36 -12.18	50.26 1.40 -20.19	52.74 2.02 -15.27	54.99 2.63 -12.44	67.16 3.84 -11.36	73.77 5.09 -5.78	74.89 5.42 0.00	60.69 4.60 0.00	47.52 3.27 0.00	38.67 2.70 0.00
RAMAPO___LBMP 323565	34.28 0.89 -21.00	31.50 0.90 -17.98	31.38 0.73 -20.09	31.37 0.78 -19.32	32.09 0.83 -19.27	35.00 1.50 -12.72	42.93 2.33 -9.53	43.23 2.75 -5.63	37.30 2.20 -8.33	32.79 1.83 -9.91	31.63 1.96 -8.42	33.46 1.90 -10.44	36.26 1.88 -14.17	37.35 2.27 -11.68	38.96 2.54 -10.20	48.32 2.78 -16.88	52.17 3.47 -13.25	54.63 3.91 -10.80	66.70 4.88 -9.86	73.76 5.91 -4.95	75.52 6.04 0.00	60.80 4.71 0.00	47.83 3.58 0.00	38.64 2.66 0.00



RANKINE____ 23646	12.93 -0.94 -1.49	13.02 -0.87 -1.27	11.24 -0.75 -1.44	11.85 -0.80 -1.38	12.44 -0.94 -1.38	20.04 -1.64 -0.90	29.12 -2.64 -0.69	32.28 -2.96 -0.39	25.30 -2.06 -0.59	20.13 -1.60 -0.68	20.11 -1.72 -0.58	20.11 -1.73 -0.72	20.15 -1.62 -1.56	22.30 -1.92 -0.81	24.69 -2.23 -0.70	27.50 -2.32 -1.16	32.46 -2.98 0.01	36.73 -3.15 0.04	47.50 -4.42 0.04	57.78 -5.35 -0.23	63.78 -5.70 0.00	51.53 -4.54 0.02	40.91 -3.32 0.02	33.49 -2.48 0.00
RAVENSWOOD_GT2_1 24244	34.86 1.03 -21.45	32.02 1.03 -18.37	31.91 0.83 -20.52	31.91 0.90 -19.73	32.63 0.96 -19.68	35.47 1.70 -13.00	43.41 2.61 -9.73	43.73 3.14 -5.75	37.85 2.57 -8.51	33.36 2.19 -10.13	32.19 2.32 -8.61	34.08 2.28 -10.68	36.92 2.22 -14.49	38.02 2.67 -11.94	39.63 2.99 -10.43	49.21 3.30 -17.25	53.08 4.11 -13.51	55.52 4.59 -11.01	67.72 5.71 -10.05	74.68 6.73 -5.05	76.35 6.88 0.00	61.53 5.44 0.00	48.36 4.11 0.00	39.07 3.09 0.00
RAVENSWOOD_GT2_2 24245	34.86 1.03 -21.45	32.02 1.03 -18.37	31.91 0.83 -20.52	31.91 0.90 -19.73	32.63 0.96 -19.68	35.47 1.70 -13.00	43.41 2.61 -9.73	43.73 3.14 -5.75	37.85 2.57 -8.51	33.36 2.19 -10.13	32.19 2.32 -8.61	34.08 2.28 -10.68	36.92 2.22 -14.49	38.02 2.67 -11.94	39.63 2.99 -10.43	49.21 3.30 -17.25	53.08 4.11 -13.51	55.52 4.59 -11.01	67.72 5.71 -10.05	74.68 6.73 -5.05	76.35 6.88 0.00	61.53 5.44 0.00	48.36 4.11 0.00	39.07 3.09 0.00
RAVENSWOOD_GT2_3 24246	34.86 1.03 -21.45	32.03 1.05 -18.37	31.92 0.84 -20.52	31.92 0.91 -19.73	32.63 0.96 -19.68	35.47 1.70 -13.00	43.41 2.61 -9.73	43.77 3.17 -5.75	37.85 2.57 -8.51	33.38 2.21 -10.13	32.21 2.34 -8.61	34.08 2.28 -10.68	36.94 2.24 -14.49	38.04 2.69 -11.94	39.63 2.99 -10.43	49.24 3.33 -17.25	53.08 4.11 -13.51	55.56 4.63 -11.01	67.77 5.77 -10.05	74.74 6.79 -5.05	76.42 6.95 0.00	61.59 5.50 0.00	48.40 4.16 0.00	39.07 3.09 0.00
RAVENSWOOD_GT2_4 24247	34.86 1.03 -21.45	32.03 1.05 -18.37	31.92 0.84 -20.52	31.92 0.91 -19.73	32.63 0.96 -19.68	35.47 1.70 -13.00	43.41 2.61 -9.73	43.77 3.17 -5.75	37.85 2.57 -8.51	33.38 2.21 -10.13	32.21 2.34 -8.61	34.08 2.28 -10.68	36.94 2.24 -14.49	38.04 2.69 -11.94	39.63 2.99 -10.43	49.24 3.33 -17.25	53.08 4.11 -13.51	55.56 4.63 -11.01	67.77 5.77 -10.05	74.74 6.79 -5.05	76.42 6.95 0.00	61.59 5.50 0.00	48.40 4.16 0.00	39.07 3.09 0.00
RAVENSWOOD_GT3_1 24248	34.86 1.03 -21.45	32.02 1.03 -18.37	31.92 0.84 -20.52	31.91 0.90 -19.73	32.63 0.96 -19.68	35.47 1.70 -13.00	43.41 2.61 -9.73	43.77 3.17 -5.75	37.85 2.57 -8.51	33.36 2.19 -10.13	32.21 2.34 -8.61	34.08 2.28 -10.68	36.94 2.24 -14.49	38.04 2.69 -11.94	39.63 2.99 -10.43	49.21 3.30 -17.25	53.08 4.11 -13.51	55.56 4.63 -11.01	67.72 5.71 -10.05	74.74 6.79 -5.05	76.42 6.95 0.00	61.53 5.44 0.00	48.40 4.16 0.00	39.07 3.09 0.00
RAVENSWOOD_GT3_2 24249	34.86 1.03 -21.45	32.02 1.03 -18.37	31.92 0.84 -20.52	31.91 0.90 -19.73	32.63 0.96 -19.68	35.47 1.70 -13.00	43.41 2.61 -9.73	43.77 3.17 -5.75	37.85 2.57 -8.51	33.36 2.19 -10.13	32.21 2.34 -8.61	34.08 2.28 -10.68	36.94 2.24 -14.49	38.04 2.69 -11.94	39.63 2.99 -10.43	49.21 3.30 -17.25	53.08 4.11 -13.51	55.56 4.63 -11.01	67.72 5.71 -10.05	74.74 6.79 -5.05	76.42 6.95 0.00	61.53 5.44 0.00	48.40 4.16 0.00	39.07 3.09 0.00
RAVENSWOOD_GT3_3 24250	34.89 1.05 -21.45	32.04 1.06 -18.37	31.93 0.86 -20.52	31.93 0.92 -19.73	32.65 0.97 -19.68	35.52 1.75 -13.00	43.47 2.67 -9.73	43.80 3.21 -5.75	37.91 2.62 -8.51	33.41 2.23 -10.13	32.23 2.36 -8.61	34.12 2.32 -10.68	36.96 2.26 -14.49	38.09 2.74 -11.94	39.69 3.04 -10.43	49.27 3.35 -17.25	53.15 4.18 -13.51	55.64 4.71 -11.01	67.82 5.82 -10.05	74.87 6.92 -5.05	76.56 7.09 0.00	61.64 5.55 0.00	48.44 4.20 0.00	39.14 3.17 0.00
RAVENSWOOD_GT3_4 24251	34.89 1.05 -21.45	32.04 1.06 -18.37	31.93 0.86 -20.52	31.93 0.92 -19.73	32.65 0.97 -19.68	35.52 1.75 -13.00	43.47 2.67 -9.73	43.80 3.21 -5.75	37.91 2.62 -8.51	33.41 2.23 -10.13	32.23 2.36 -8.61	34.12 2.32 -10.68	36.96 2.26 -14.49	38.09 2.74 -11.94	39.69 3.04 -10.43	49.27 3.35 -17.25	53.15 4.18 -13.51	55.64 4.71 -11.01	67.82 5.82 -10.05	74.87 6.92 -5.05	76.56 7.09 0.00	61.64 5.55 0.00	48.44 4.20 0.00	39.14 3.17 0.00
RAVENSWOOD_GT_1 23729	34.91 1.08 -21.45	32.09 1.10 -18.38	31.97 0.89 -20.53	31.97 0.96 -19.74	32.69 1.02 -19.68	35.56 1.79 -13.00	43.44 2.64 -9.73	43.80 3.21 -5.75	37.93 2.65 -8.51	33.45 2.27 -10.13	32.27 2.40 -8.61	34.14 2.34 -10.68	37.00 2.30 -14.49	38.11 2.76 -11.94	39.71 3.07 -10.43	49.33 3.41 -17.25	53.22 4.25 -13.52	55.68 4.75 -11.01	67.88 5.87 -10.05	74.87 6.92 -5.06	76.49 7.02 0.00	61.70 5.61 0.00	48.53 4.29 0.00	39.18 3.20 0.00
RAVENSWOOD_GT_10 24258	34.86 1.03 -21.45	32.02 1.03 -18.37	31.91 0.83 -20.52	31.91 0.90 -19.73	32.63 0.96 -19.68	35.47 1.70 -13.00	43.41 2.61 -9.73	43.73 3.14 -5.75	37.85 2.57 -8.51	33.36 2.19 -10.13	32.19 2.32 -8.61	34.06 2.26 -10.68	36.92 2.22 -14.49	38.02 2.67 -11.94	39.63 2.99 -10.43	49.21 3.30 -17.25	53.04 4.08 -13.51	55.52 4.59 -11.01	67.72 5.71 -10.05	74.68 6.73 -5.05	76.35 6.88 0.00	61.53 5.44 0.00	48.36 4.11 0.00	39.07 3.09 0.00
RAVENSWOOD_GT_11 24259	34.86 1.03 -21.45	32.02 1.03 -18.37	31.91 0.83 -20.52	31.91 0.90 -19.73	32.63 0.96 -19.68	35.47 1.70 -13.00	43.41 2.61 -9.73	43.73 3.14 -5.75	37.85 2.57 -8.51	33.36 2.19 -10.13	32.19 2.32 -8.61	34.06 2.26 -10.68	36.92 2.22 -14.49	38.02 2.67 -11.94	39.63 2.99 -10.43	49.21 3.30 -17.25	53.04 4.08 -13.51	55.52 4.59 -11.01	67.72 5.71 -10.05	74.68 6.73 -5.05	76.35 6.88 0.00	61.53 5.44 0.00	48.36 4.11 0.00	39.07 3.09 0.00
RAVENSWOOD_GT_4 24252	34.87 1.04 -21.45	32.05 1.06 -18.37	31.94 0.86 -20.53	31.94 0.92 -19.74	32.65 0.97 -19.68	35.50 1.72 -13.00	43.41 2.61 -9.73	43.73 3.14 -5.75	37.85 2.57 -8.51	33.38 2.21 -10.13	32.21 2.34 -8.61	34.10 2.30 -10.68	36.94 2.24 -14.49	38.04 2.69 -11.94	39.66 3.01 -10.43	49.24 3.33 -17.25	53.11 4.15 -13.51	55.55 4.63 -11.00	67.77 5.77 -10.05	74.74 6.79 -5.05	76.42 6.95 0.00	61.59 5.50 0.00	48.40 4.16 0.00	39.10 3.13 0.00
RAVENSWOOD_GT_5 24254	34.87 1.04 -21.45	32.05 1.06 -18.37	31.94 0.86 -20.53	31.94 0.92 -19.74	32.65 0.97 -19.68	35.50 1.72 -13.00	43.41 2.61 -9.73	43.73 3.14 -5.75	37.85 2.57 -8.51	33.38 2.21 -10.13	32.21 2.34 -8.61	34.10 2.30 -10.68	36.94 2.24 -14.49	38.04 2.69 -11.94	39.66 3.01 -10.43	49.24 3.33 -17.25	53.11 4.15 -13.51	55.55 4.63 -11.00	67.77 5.77 -10.05	74.74 6.79 -5.05	76.42 6.95 0.00	61.59 5.50 0.00	48.40 4.16 0.00	39.10 3.13 0.00
RAVENSWOOD_GT_6 24253	34.87 1.04 -21.45	32.05 1.06 -18.37	31.94 0.86 -20.53	31.94 0.92 -19.74	32.65 0.97 -19.68	35.50 1.72 -13.00	43.41 2.61 -9.73	43.73 3.14 -5.75	37.85 2.57 -8.51	33.38 2.21 -10.13	32.21 2.34 -8.61	34.10 2.30 -10.68	36.94 2.24 -14.49	38.04 2.69 -11.94	39.66 3.01 -10.43	49.24 3.33 -17.25	53.11 4.15 -13.51	55.55 4.63 -11.00	67.77 5.77 -10.05	74.74 6.79 -5.05	76.42 6.95 0.00	61.59 5.50 0.00	48.40 4.16 0.00	39.10 3.13 0.00

RAVENSWOOD_GT_7 24255	34.87 1.04 -21.45	32.05 1.06 -18.37	31.94 0.86 -20.53	31.94 0.92 -19.74	32.65 0.97 -19.68	35.50 1.72 -13.00	43.41 2.61 -9.73	43.73 3.14 -5.75	37.85 2.57 -8.51	33.38 2.21 -10.13	32.21 2.34 -8.61	34.10 2.30 -10.68	36.94 2.24 -14.49	38.04 2.69 -11.94	39.66 3.01 -10.43	49.24 3.33 -17.25	53.11 4.15 -13.51	55.55 4.63 -11.00	67.77 5.77 -10.05	74.74 6.79 -5.05	76.42 6.95 0.00	61.59 5.50 0.00	48.40 4.16 0.00	39.10 3.13 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	34.86 1.03 -21.45	32.02 1.03 -18.37	31.91 0.83 -20.52	31.91 0.90 -19.73	32.63 0.96 -19.68	35.47 1.70 -13.00	43.41 2.61 -9.73	43.73 3.14 -5.75	37.85 2.57 -8.51	33.36 2.19 -10.13	32.19 2.32 -8.61	34.06 2.26 -10.68	36.92 2.22 -14.49	38.02 2.67 -11.94	39.63 2.99 -10.43	49.21 3.30 -17.25	53.04 4.08 -13.51	55.52 4.59 -11.01	67.72 5.71 -10.05	74.68 6.73 -5.05	76.35 6.88 0.00	61.53 5.44 0.00	48.36 4.11 0.00	39.07 3.09 0.00
RAVENSWOOD_GT_9 24257	34.86 1.03 -21.45	32.02 1.03 -18.37	31.91 0.83 -20.52	31.91 0.90 -19.73	32.63 0.96 -19.68	35.47 1.70 -13.00	43.41 2.61 -9.73	43.73 3.14 -5.75	37.85 2.57 -8.51	33.36 2.19 -10.13	32.19 2.32 -8.61	34.06 2.26 -10.68	36.92 2.22 -14.49	38.02 2.67 -11.94	39.63 2.99 -10.43	49.21 3.30 -17.25	53.04 4.08 -13.51	55.52 4.59 -11.01	67.72 5.71 -10.05	74.68 6.73 -5.05	76.35 6.88 0.00	61.53 5.44 0.00	48.36 4.11 0.00	39.07 3.09 0.00
RAVENSWOOD___1 23533	34.90 1.07 -21.45	32.09 1.10 -18.37	31.97 0.89 -20.53	31.97 0.96 -19.74	32.68 1.01 -19.68	35.54 1.76 -13.00	43.40 2.64 -9.69	43.80 3.20 -5.75	37.91 2.63 -8.51	33.46 2.27 -10.14	32.27 2.40 -8.61	34.14 2.34 -10.68	36.98 2.28 -14.49	38.11 2.76 -11.94	39.71 3.07 -10.43	49.38 3.47 -17.25	53.33 4.36 -13.52	55.80 4.87 -11.01	68.12 6.08 -10.09	75.14 7.17 -5.07	76.70 7.22 0.00	61.82 5.72 0.00	48.67 4.42 0.00	39.21 3.24 0.00
RAVENSWOOD___2 23534	34.90 1.07 -21.45	32.08 1.09 -18.37	31.96 0.88 -20.53	31.96 0.95 -19.74	32.68 1.01 -19.68	35.54 1.76 -13.00	43.37 2.61 -9.69	43.77 3.17 -5.75	37.91 2.63 -8.51	33.43 2.25 -10.14	32.25 2.38 -8.61	34.12 2.32 -10.68	36.98 2.28 -14.49	38.09 2.74 -11.94	39.68 3.04 -10.43	49.35 3.44 -17.25	53.33 4.36 -13.52	55.76 4.83 -11.01	68.07 6.02 -10.09	75.08 7.11 -5.07	76.70 7.22 0.00	61.82 5.72 0.00	48.67 4.42 0.00	39.17 3.20 0.00
RAVENSWOOD___3 23535	34.86 1.03 -21.45	32.02 1.03 -18.37	31.92 0.84 -20.52	31.91 0.90 -19.73	32.63 0.96 -19.68	35.47 1.70 -13.00	43.37 2.61 -9.69	43.74 3.14 -5.75	37.86 2.57 -8.51	33.37 2.19 -10.14	32.21 2.34 -8.61	34.08 2.28 -10.68	36.92 2.22 -14.49	38.04 2.69 -11.94	39.63 2.99 -10.43	49.27 3.35 -17.25	53.22 4.25 -13.52	55.68 4.75 -11.01	67.97 5.92 -10.09	74.95 6.98 -5.07	76.63 7.16 0.00	61.70 5.61 0.00	48.53 4.29 0.00	39.10 3.13 0.00
RAVENSWOOD___4 23820	34.90 1.07 -21.45	32.08 1.09 -18.37	31.96 0.88 -20.53	31.96 0.95 -19.74	32.67 0.99 -19.68	35.54 1.76 -13.00	43.37 2.61 -9.69	43.77 3.17 -5.75	37.91 2.63 -8.51	33.43 2.25 -10.14	32.25 2.38 -8.61	34.12 2.32 -10.68	36.98 2.28 -14.49	38.09 2.74 -11.94	39.68 3.04 -10.43	49.35 3.44 -17.25	53.29 4.32 -13.52	55.76 4.83 -11.01	68.07 6.02 -10.09	75.07 7.11 -5.07	76.70 7.22 0.00	61.82 5.72 0.00	48.62 4.38 0.00	39.17 3.20 0.00
RCPL_TRUST___DRP 24196	34.88 1.05 -21.45	32.04 1.06 -18.37	31.93 0.86 -20.52	31.93 0.92 -19.73	32.66 0.98 -19.68	35.52 1.75 -12.99	43.50 2.70 -9.73	43.84 3.24 -5.75	37.93 2.65 -8.51	33.43 2.25 -10.13	32.27 2.40 -8.61	34.14 2.34 -10.68	37.01 2.30 -14.49	38.11 2.76 -11.94	39.74 3.09 -10.43	49.33 3.41 -17.25	53.18 4.22 -13.51	55.67 4.75 -11.01	67.93 5.92 -10.05	74.93 6.98 -5.05	76.63 7.16 0.00	61.70 5.61 0.00	48.49 4.25 0.00	39.14 3.17 0.00
RED___ROCHESTER 323720	13.42 -0.51 -1.54	13.53 -0.40 -1.32	11.64 -0.40 -1.48	12.28 -0.42 -1.42	12.83 -0.59 -1.42	20.88 -0.83 -0.93	30.48 -1.27 -0.69	33.86 -1.40 -0.41	26.36 -1.02 -0.60	21.01 -0.76 -0.73	21.06 -0.81 -0.62	21.10 -0.78 -0.77	21.23 -0.71 -1.73	23.42 -0.84 -0.86	25.94 -1.02 -0.75	28.62 -1.29 -1.24	33.85 -1.88 -0.28	38.23 -1.92 -0.22	49.40 -2.76 -0.20	60.21 -2.96 -0.27	67.25 -2.23 0.00	53.61 -2.47 0.01	42.37 -1.86 0.01	34.61 -1.37 0.00
REGAN___SOLAR 323812	39.95 0.83 -26.73	36.37 0.86 -22.89	36.84 0.71 -25.58	36.60 0.73 -24.59	37.33 0.80 -24.53	38.39 1.41 -16.20	45.22 2.21 -11.95	43.99 2.06 -7.09	38.28 1.02 -10.49	33.99 0.46 -12.48	32.09 0.23 -10.60	34.43 0.17 -13.14	38.14 0.16 -17.76	38.37 0.26 -14.70	39.42 0.37 -12.84	50.59 0.69 -21.24	53.17 1.31 -16.40	55.52 2.23 -13.36	68.04 3.64 -12.45	74.34 5.16 -6.28	75.03 5.56 0.00	60.47 4.38 0.00	47.47 3.23 0.00	38.53 2.55 0.00
RENSSELAER___COGEN 23796	37.26 0.36 -24.51	34.00 0.39 -20.99	34.32 0.31 -23.46	34.15 0.33 -22.56	34.82 0.34 -22.50	36.23 0.60 -14.85	43.04 0.90 -11.08	42.39 0.97 -6.57	37.28 0.78 -9.73	33.23 0.61 -11.58	31.68 0.59 -9.83	33.93 0.61 -12.19	37.31 0.55 -16.55	37.68 0.63 -13.63	38.80 0.68 -11.91	49.14 0.77 -19.70	51.71 1.03 -15.24	53.53 1.20 -12.41	64.70 1.61 -11.13	70.58 2.01 -5.67	71.42 1.94 0.00	57.66 1.57 0.00	45.44 1.19 0.00	37.05 1.08 0.00
REPUBLIC_115KV_BARTNBRK 55605	38.77 1.20 -25.19	35.46 1.27 -21.57	35.68 1.02 -24.10	35.51 1.06 -23.17	36.25 1.14 -23.11	38.07 2.04 -15.26	45.94 3.45 -11.43	45.12 3.55 -6.72	39.08 2.36 -9.95	34.31 1.43 -11.84	32.63 1.32 -10.06	34.88 1.29 -12.47	38.37 1.23 -16.92	38.80 1.45 -13.94	40.07 1.68 -12.18	50.71 1.86 -20.18	53.45 2.73 -15.27	56.02 3.67 -12.43	68.92 5.61 -11.35	76.29 7.61 -5.78	77.74 8.27 0.00	62.82 6.73 0.00	48.98 4.73 0.00	39.79 3.81 0.00
REVERE_CPPR_DRP 24186	13.88 0.22 -1.27	13.91 0.20 -1.09	11.94 0.17 -1.21	12.62 0.18 -1.17	13.37 0.22 -1.16	21.94 0.39 -0.77	32.29 0.65 -0.58	35.95 0.77 -0.34	27.65 0.37 -0.50	21.86 0.21 -0.60	21.94 0.17 -0.51	21.97 0.21 -0.64	21.26 0.18 -0.86	24.42 0.30 -0.71	27.20 0.37 -0.62	30.15 0.46 -1.03	36.90 0.67 -0.78	41.70 1.12 -0.66	55.18 1.87 -1.36	66.53 2.20 -1.43	73.14 2.64 -1.02	58.84 2.24 -0.50	46.10 1.73 -0.13	37.05 1.08 0.00
REYNLDPA_13_KV_LD 356490	12.13 -0.26 0.00	12.30 -0.31 0.00	10.33 -0.22 0.00	11.02 -0.25 0.00	11.79 -0.20 0.00	20.40 -0.37 0.00	30.47 -0.59 0.00	34.12 -0.73 0.00	26.16 -0.61 0.00	20.54 -0.51 0.00	20.85 -0.40 0.00	20.72 -0.40 0.00	19.79 -0.43 0.00	22.92 -0.49 0.00	25.69 -0.52 0.00	28.12 -0.55 0.00	34.81 -0.64 0.00	39.32 -0.60 0.00	51.28 -0.68 0.00	61.26 -1.64 0.00	68.01 -1.46 0.00	55.48 -0.62 0.00	43.80 -0.44 0.00	35.65 -0.32 0.00
REYNOLDS_115KV_TB3 80639	37.43 0.48 -24.56	34.16 0.50 -21.03	34.47 0.41 -23.50	34.31 0.44 -22.60	35.00 0.47 -22.54	36.47 0.81 -14.88	43.46 1.24 -11.15	42.79 1.36 -6.58	37.59 1.07 -9.74	33.46 0.82 -11.59	31.91 0.81 -9.85	34.15 0.82 -12.21	37.55 0.77 -16.58	37.91 0.84 -13.66	39.09 0.94 -11.93	49.41 1.00 -19.74	52.02 1.31 -15.26	53.95 1.60 -12.43	65.14 2.08 -11.11	71.13 2.58 -5.66	72.04 2.57 0.00	58.22 2.13 0.00	45.88 1.64 0.00	37.38 1.40 0.00

RIVERBAY____ 323610	35.11 1.28 -21.45	32.30 1.31 -18.37	32.16 1.08 -20.53	32.16 1.15 -19.74	32.90 1.22 -19.68	35.87 2.10 -13.00	43.72 2.92 -9.73	44.12 3.52 -5.75	38.15 2.86 -8.51	33.62 2.44 -10.13	32.40 2.53 -8.61	34.27 2.47 -10.68	37.13 2.43 -14.49	38.25 2.90 -11.94	39.87 3.22 -10.43	49.50 3.58 -17.25	53.43 4.47 -13.51	55.95 5.03 -11.01	68.34 6.34 -10.05	75.37 7.42 -5.05	77.11 7.64 0.00	62.37 6.28 0.00	49.15 4.91 0.00	39.79 3.81 0.00
RIVERSDE_115KV_TB3 55908	37.44 0.45 -24.61	34.16 0.47 -21.07	34.48 0.38 -23.54	34.31 0.39 -22.64	34.99 0.42 -22.58	36.41 0.73 -14.91	43.35 1.12 -11.17	42.66 1.22 -6.59	37.50 0.96 -9.76	33.42 0.76 -11.61	31.87 0.74 -9.87	34.09 0.74 -12.23	37.50 0.69 -16.60	37.86 0.77 -13.68	39.03 0.87 -11.95	49.35 0.92 -19.77	51.94 1.21 -15.29	53.81 1.44 -12.45	65.00 1.92 -11.13	70.95 2.39 -5.67	71.83 2.36 0.00	58.05 1.96 0.00	45.75 1.50 0.00	37.27 1.30 0.00
ROARING__BROOK_WT_PWR 323790	12.05 -0.33 0.00	12.26 -0.35 0.00	10.27 -0.28 0.00	10.98 -0.29 0.00	11.69 -0.30 0.00	20.28 -0.50 0.00	30.29 -0.78 0.00	33.98 -0.87 0.00	26.10 -0.67 0.00	20.50 -0.55 0.00	20.72 -0.53 0.00	20.57 -0.55 0.00	19.69 -0.53 0.00	22.82 -0.58 0.00	25.59 -0.63 0.00	28.03 -0.63 0.00	34.70 -0.75 0.00	39.20 -0.72 0.00	51.18 -0.78 0.00	61.95 -0.94 0.00	68.64 -0.83 0.00	55.53 -0.56 0.00	43.89 -0.36 0.00	35.76 -0.21 0.00
ROCHESRG_115KV_T4 355643	13.31 -0.61 -1.53	13.42 -0.50 -1.31	11.54 -0.49 -1.47	12.17 -0.52 -1.41	12.73 -0.67 -1.41	20.69 -1.02 -0.93	30.22 -1.55 -0.70	33.51 -1.74 -0.41	26.09 -1.29 -0.60	20.77 -0.99 -0.71	20.82 -1.04 -0.60	20.85 -1.01 -0.75	20.94 -0.93 -1.66	23.12 -1.12 -0.84	25.61 -1.34 -0.73	28.26 -1.61 -1.20	33.42 -2.30 -0.28	37.61 -2.51 -0.21	48.61 -3.53 -0.18	59.44 -3.71 -0.26	66.28 -3.20 0.00	52.83 -3.25 0.01	41.84 -2.39 0.01	34.35 -1.62 0.00
ROCHESTER_9_IC 23652	13.38 -0.54 -1.54	13.49 -0.44 -1.32	11.61 -0.43 -1.48	12.25 -0.45 -1.43	12.79 -0.62 -1.42	20.82 -0.89 -0.94	30.38 -1.40 -0.71	33.72 -1.53 -0.41	26.26 -1.12 -0.61	20.92 -0.84 -0.72	20.97 -0.89 -0.61	20.99 -0.89 -0.75	21.14 -0.79 -1.72	23.29 -0.96 -0.84	25.80 -1.15 -0.74	28.47 -1.40 -1.21	33.70 -2.02 -0.27	37.97 -2.16 -0.21	49.02 -3.12 -0.18	59.88 -3.27 -0.26	66.83 -2.64 0.00	53.28 -2.80 0.01	42.15 -2.08 0.01	34.57 -1.40 0.00
ROCKVIEW_13_KV_LD 356306	34.85 1.02 -21.45	32.01 1.02 -18.37	31.90 0.82 -20.52	31.89 0.89 -19.73	32.61 0.94 -19.68	35.47 1.70 -12.99	43.41 2.61 -9.73	43.73 3.14 -5.75	37.80 2.52 -8.51	33.30 2.13 -10.13	32.12 2.25 -8.61	33.99 2.20 -10.67	36.88 2.18 -14.49	37.97 2.62 -11.93	39.58 2.94 -10.42	49.12 3.21 -17.25	52.97 4.01 -13.51	55.44 4.51 -11.01	67.62 5.61 -10.05	74.62 6.67 -5.05	76.35 6.88 0.00	61.53 5.44 0.00	48.40 4.16 0.00	39.03 3.06 0.00
ROME____115KV_TB2 80656	13.88 0.22 -1.27	13.91 0.20 -1.09	11.94 0.17 -1.21	12.62 0.18 -1.17	13.37 0.22 -1.16	21.94 0.39 -0.77	32.29 0.65 -0.58	35.95 0.77 -0.34	27.65 0.37 -0.50	21.86 0.21 -0.60	21.94 0.17 -0.51	21.97 0.21 -0.64	21.26 0.18 -0.86	24.42 0.30 -0.71	27.20 0.37 -0.62	30.15 0.46 -1.03	36.90 0.67 -0.78	41.70 1.12 -0.66	55.18 1.87 -1.36	66.53 2.20 -1.43	73.14 2.64 -1.02	58.84 2.24 -0.50	46.10 1.73 -0.13	37.05 1.08 0.00
ROSETON__1 23587	34.72 0.82 -21.51	31.86 0.82 -18.43	31.82 0.68 -20.59	31.79 0.72 -19.80	32.51 0.77 -19.74	35.18 1.37 -13.04	42.90 2.11 -9.73	43.09 2.47 -5.77	37.30 1.98 -8.54	32.87 1.66 -10.16	31.63 1.74 -8.63	33.54 1.71 -10.71	36.42 1.68 -14.53	37.39 2.01 -11.97	38.93 2.25 -10.46	48.49 2.52 -17.30	52.19 3.19 -13.54	54.59 3.63 -11.04	66.59 4.52 -10.12	73.40 5.41 -5.09	74.96 5.49 0.00	60.41 4.32 0.00	47.60 3.36 0.00	38.42 2.45 0.00
ROSETON__2 23588	34.72 0.82 -21.51	31.86 0.82 -18.43	31.82 0.68 -20.59	31.79 0.72 -19.80	32.51 0.77 -19.74	35.18 1.37 -13.04	42.90 2.11 -9.73	43.09 2.47 -5.77	37.30 1.98 -8.54	32.87 1.66 -10.16	31.63 1.74 -8.63	33.54 1.71 -10.71	36.42 1.68 -14.53	37.39 2.01 -11.97	38.93 2.25 -10.46	48.49 2.52 -17.30	52.19 3.19 -13.54	54.59 3.63 -11.04	66.59 4.52 -10.12	73.40 5.41 -5.09	74.96 5.49 0.00	60.41 4.32 0.00	47.60 3.36 0.00	38.42 2.45 0.00
ROTTDRAM_115KV_TB3 80664	38.24 0.46 -25.39	34.84 0.48 -21.75	35.26 0.40 -24.30	35.05 0.42 -23.36	35.74 0.44 -23.30	36.93 0.77 -15.39	43.74 1.15 -11.53	42.89 1.25 -6.79	37.73 0.91 -10.05	33.68 0.67 -11.96	32.05 0.64 -10.16	34.35 0.63 -12.60	37.92 0.61 -17.10	38.22 0.73 -14.09	39.33 0.81 -12.30	49.91 0.89 -20.36	52.06 1.21 -15.40	53.98 1.52 -12.54	65.49 2.08 -11.45	71.31 2.58 -5.83	72.18 2.71 0.00	58.28 2.19 0.00	45.92 1.68 0.00	37.34 1.37 0.00
RUSSELL__1 23602	13.42 -0.51 -1.54	13.53 -0.40 -1.32	11.64 -0.40 -1.48	12.28 -0.42 -1.42	12.83 -0.59 -1.42	20.88 -0.83 -0.93	30.50 -1.27 -0.71	33.86 -1.39 -0.41	26.36 -1.02 -0.61	21.00 -0.76 -0.72	21.05 -0.81 -0.61	21.09 -0.78 -0.75	21.23 -0.71 -1.72	23.41 -0.84 -0.84	25.93 -1.02 -0.74	28.62 -1.26 -1.21	33.88 -1.84 -0.27	38.21 -1.92 -0.21	49.33 -2.81 -0.18	60.26 -2.89 -0.26	67.25 -2.22 0.00	53.61 -2.47 0.01	42.37 -1.86 0.01	34.75 -1.22 0.00
RUSSELL__2 23532	13.42 -0.51 -1.54	13.53 -0.40 -1.32	11.64 -0.40 -1.48	12.28 -0.42 -1.42	12.83 -0.59 -1.42	20.88 -0.83 -0.93	30.50 -1.27 -0.71	33.86 -1.39 -0.41	26.36 -1.02 -0.61	21.00 -0.76 -0.72	21.05 -0.81 -0.61	21.09 -0.78 -0.75	21.23 -0.71 -1.72	23.41 -0.84 -0.84	25.93 -1.02 -0.74	28.62 -1.26 -1.21	33.88 -1.84 -0.27	38.21 -1.92 -0.21	49.33 -2.81 -0.18	60.26 -2.89 -0.26	67.25 -2.22 0.00	53.61 -2.47 0.01	42.37 -1.86 0.01	34.75 -1.22 0.00
RUSSELL__3 23549	13.42 -0.51 -1.54	13.53 -0.40 -1.32	11.64 -0.40 -1.48	12.28 -0.42 -1.42	12.83 -0.59 -1.42	20.88 -0.83 -0.93	30.50 -1.27 -0.71	33.86 -1.39 -0.41	26.36 -1.02 -0.61	21.00 -0.76 -0.72	21.05 -0.81 -0.61	21.09 -0.78 -0.75	21.23 -0.71 -1.72	23.41 -0.84 -0.84	25.93 -1.02 -0.74	28.62 -1.26 -1.21	33.88 -1.84 -0.27	38.21 -1.92 -0.21	49.33 -2.81 -0.18	60.26 -2.89 -0.26	67.25 -2.22 0.00	53.61 -2.47 0.01	42.37 -1.86 0.01	34.75 -1.22 0.00
RUSSELL__4 23556	13.42 -0.51 -1.54	13.53 -0.40 -1.32	11.64 -0.40 -1.48	12.28 -0.42 -1.42	12.83 -0.59 -1.42	20.88 -0.83 -0.93	30.50 -1.27 -0.71	33.86 -1.39 -0.41	26.36 -1.02 -0.61	21.00 -0.76 -0.72	21.05 -0.81 -0.61	21.09 -0.78 -0.75	21.23 -0.71 -1.72	23.41 -0.84 -0.84	25.93 -1.02 -0.74	28.62 -1.26 -1.21	33.88 -1.84 -0.27	38.21 -1.92 -0.21	49.33 -2.81 -0.18	60.26 -2.89 -0.26	67.25 -2.22 0.00	53.61 -2.47 0.01	42.37 -1.86 0.01	34.75 -1.22 0.00
RUSSELL__STATION 23914	13.42 -0.51 -1.54	13.53 -0.40 -1.32	11.64 -0.40 -1.48	12.28 -0.42 -1.42	12.83 -0.59 -1.42	20.88 -0.83 -0.93	30.50 -1.27 -0.71	33.86 -1.39 -0.41	26.36 -1.02 -0.61	21.00 -0.76 -0.72	21.05 -0.81 -0.61	21.09 -0.78 -0.75	21.23 -0.71 -1.72	23.41 -0.84 -0.84	25.93 -1.02 -0.74	28.62 -1.26 -1.21	33.88 -1.84 -0.27	38.21 -1.92 -0.21	49.33 -2.81 -0.18	60.26 -2.89 -0.26	67.25 -2.22 0.00	53.61 -2.47 0.01	42.37 -1.86 0.01	34.75 -1.22 0.00

S SALMON___HYD 24043	13.97 -0.14 -1.72	13.94 -0.15 -1.47	12.07 -0.14 -1.65	12.71 -0.15 -1.58	13.43 -0.14 -1.58	21.55 -0.27 -1.04	31.43 -0.40 -0.77	34.82 -0.49 -0.46	26.99 -0.46 -0.68	21.45 -0.42 -0.83	21.60 -0.36 -0.70	21.63 -0.36 -0.87	21.05 -0.34 -1.19	24.01 -0.38 -0.98	26.65 -0.42 -0.85	29.62 -0.46 -1.41	35.44 -0.67 -0.66	39.91 -0.64 -0.64	54.64 -0.52 -3.21	66.60 -0.57 -4.27	72.77 -0.28 -3.57	57.67 -0.17 -1.74	44.56 -0.13 -0.45	35.65 -0.32 0.00
S.PERRY___115KV_TB1 80734	13.43 -0.47 -1.51	13.49 -0.42 -1.29	11.63 -0.39 -1.46	12.27 -0.41 -1.40	12.87 -0.53 -1.40	20.95 -0.75 -0.92	30.68 -1.09 -0.71	33.61 -1.64 -0.40	26.06 -1.31 -0.59	20.50 -1.18 -0.64	20.50 -1.30 -0.54	20.40 -1.39 -0.67	24.85 -1.31 -5.95	22.64 -1.52 -0.75	25.22 -1.65 -0.66	28.31 -1.43 -1.08	33.41 -1.77 0.27	38.25 -1.40 0.27	49.98 -1.77 0.21	61.59 -1.51 -0.20	68.57 -0.90 0.00	55.06 -1.01 0.02	43.38 -0.84 0.02	35.33 -0.65 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	12.86 -1.02 -1.49	13.01 -0.88 -1.28	11.21 -0.79 -1.44	11.80 -0.86 -1.39	12.34 -1.03 -1.38	19.96 -1.72 -0.91	28.99 -2.76 -0.69	32.14 -3.10 -0.39	25.14 -2.22 -0.59	20.05 -1.68 -0.68	20.03 -1.81 -0.58	20.05 -1.80 -0.72	20.05 -1.68 -1.52	22.20 -2.01 -0.81	24.53 -2.39 -0.70	27.19 -2.64 -1.16	31.97 -3.51 -0.03	36.13 -3.79 0.00	46.65 -5.30 0.01	57.03 -6.10 -0.24	63.36 -6.11 0.00	50.80 -5.27 0.02	40.42 -3.80 0.02	33.31 -2.66 0.00
SAWYER___23_KV_LOAD 55526	12.86 -1.02 -1.49	13.01 -0.88 -1.28	11.21 -0.79 -1.44	11.80 -0.86 -1.39	12.34 -1.03 -1.38	19.96 -1.72 -0.91	28.99 -2.76 -0.69	32.14 -3.10 -0.39	25.14 -2.22 -0.59	20.05 -1.68 -0.68	20.03 -1.81 -0.58	20.05 -1.80 -0.72	20.05 -1.68 -1.52	22.20 -2.01 -0.81	24.53 -2.39 -0.70	27.19 -2.64 -1.16	31.97 -3.51 -0.03	36.13 -3.79 0.00	46.65 -5.30 0.01	57.03 -6.10 -0.24	63.36 -6.11 0.00	50.80 -5.27 0.02	40.42 -3.80 0.02	33.31 -2.66 0.00
SELKIRK___I 23801	37.13 0.45 -24.30	33.89 0.47 -20.81	34.19 0.38 -23.25	34.03 0.41 -22.36	34.71 0.42 -22.30	36.22 0.73 -14.72	43.14 1.09 -10.98	42.48 1.11 -6.52	37.22 0.80 -9.65	33.13 0.61 -11.48	31.58 0.57 -9.75	33.78 0.57 -12.09	37.15 0.52 -16.41	37.54 0.61 -13.52	38.73 0.71 -11.81	49.03 0.83 -19.54	51.77 1.21 -15.11	53.67 1.43 -12.31	64.97 1.97 -11.04	70.97 2.45 -5.62	72.11 2.64 0.00	58.22 2.13 0.00	45.88 1.64 0.00	37.37 1.40 0.00
SELKIRK___II 23799	37.16 0.37 -24.40	33.90 0.39 -20.89	34.23 0.33 -23.35	34.07 0.35 -22.45	34.74 0.36 -22.39	36.18 0.62 -14.78	43.03 0.93 -11.03	42.44 1.04 -6.54	37.26 0.80 -9.69	33.23 0.65 -11.53	31.69 0.64 -9.79	33.89 0.63 -12.14	37.30 0.61 -16.48	37.67 0.68 -13.58	38.83 0.76 -11.86	49.12 0.83 -19.62	51.76 1.13 -15.17	53.60 1.32 -12.36	64.75 1.71 -11.08	70.61 2.07 -5.64	71.56 2.08 0.00	57.83 1.74 0.00	45.57 1.33 0.00	37.12 1.15 0.00
SENECA OSWGO___HYD 24041	14.04 -0.20 -1.86	14.00 -0.20 -1.59	12.15 -0.18 -1.78	12.79 -0.19 -1.71	13.49 -0.20 -1.70	21.55 -0.35 -1.12	31.40 -0.50 -0.83	34.78 -0.56 -0.49	27.13 -0.37 -0.73	21.63 -0.32 -0.90	21.70 -0.32 -0.77	21.75 -0.32 -0.95	21.22 -0.28 -1.29	24.14 -0.33 -1.06	26.78 -0.37 -0.93	29.80 -0.40 -1.54	35.57 -0.60 -0.72	39.84 -0.80 -0.72	55.21 -1.14 -4.40	67.67 -1.20 -5.97	73.31 -1.25 -5.08	57.45 -1.12 -2.48	43.95 -0.93 -0.64	35.15 -0.83 0.00
SENECA___115KV_TB3 355854	12.94 -0.94 -1.49	13.04 -0.86 -1.28	11.25 -0.74 -1.44	11.86 -0.79 -1.38	12.44 -0.94 -1.38	20.06 -1.62 -0.90	29.12 -2.61 -0.67	32.31 -2.93 -0.39	25.31 -2.04 -0.58	20.14 -1.60 -0.70	20.12 -1.72 -0.59	20.12 -1.73 -0.73	20.18 -1.60 -1.57	22.34 -1.90 -0.82	24.73 -2.20 -0.72	27.54 -2.32 -1.20	32.62 -2.84 -0.01	36.87 -3.04 0.01	47.74 -4.21 0.01	58.05 -5.09 -0.25	63.85 -5.62 0.00	51.64 -4.43 0.02	40.90 -3.32 0.02	33.38 -2.59 0.00
SENECA___ENERGY 23797	14.27 -0.20 -2.08	14.21 -0.19 -1.78	12.38 -0.18 -2.00	13.00 -0.19 -1.92	13.70 -0.22 -1.92	21.73 -0.31 -1.26	31.63 -0.37 -0.94	34.91 -0.49 -0.55	27.24 -0.35 -0.82	21.70 -0.34 -0.99	21.72 -0.38 -0.84	21.76 -0.40 -1.05	21.53 -0.34 -1.66	24.18 -0.40 -1.17	26.77 -0.47 -1.02	29.90 -0.46 -1.69	35.40 -0.64 -0.59	39.88 -0.56 -0.52	53.00 -0.88 -1.93	64.44 -1.01 -2.55	70.68 -0.76 -1.97	56.26 -0.79 -0.95	43.82 -0.66 -0.24	35.36 -0.61 0.00
SHOEMAKER___GT 23640	33.75 0.76 -20.61	31.02 0.76 -17.65	30.90 0.62 -19.72	30.90 0.66 -18.96	31.61 0.71 -18.91	34.53 1.27 -12.49	42.32 1.96 -9.30	42.67 2.30 -5.52	36.73 1.79 -8.17	32.26 1.49 -9.72	31.08 1.57 -8.26	32.90 1.54 -10.24	35.55 1.52 -13.82	36.68 1.83 -11.45	38.26 2.05 -10.00	47.53 2.32 -16.54	51.30 2.94 -12.91	53.87 3.43 -10.52	65.93 4.31 -9.66	72.96 5.22 -4.85	74.75 5.28 0.00	60.24 4.15 0.00	47.43 3.19 0.00	38.28 2.30 0.00
SHOEMAKR_138KV_BK 111 55601	33.68 0.76 -20.54	30.96 0.76 -17.59	30.83 0.62 -19.65	30.83 0.66 -18.90	31.55 0.71 -18.85	34.49 1.27 -12.44	42.34 1.96 -9.32	42.65 2.30 -5.50	36.73 1.82 -8.14	32.25 1.52 -9.69	31.08 1.59 -8.23	32.88 1.56 -10.20	35.52 1.54 -13.77	36.67 1.85 -11.41	38.28 2.10 -9.96	47.45 2.29 -16.49	51.20 2.87 -12.87	53.72 3.31 -10.49	65.69 4.16 -9.58	72.73 5.03 -4.81	74.61 5.14 0.00	60.13 4.04 0.00	47.34 3.10 0.00	38.28 2.30 0.00
SHOREHAM_IC_1 23715	49.25 1.21 -35.65	42.40 1.22 -28.56	44.80 1.01 -33.23	32.03 1.03 -19.73	32.80 1.13 -19.68	35.97 2.20 -13.00	44.15 3.39 -9.70	44.65 4.04 -5.76	38.36 3.08 -8.51	33.52 2.34 -10.14	32.37 2.51 -8.61	34.20 2.41 -10.68	37.19 2.49 -14.49	38.32 2.97 -11.94	40.05 3.41 -10.43	49.35 3.44 -17.25	52.86 3.90 -13.51	55.22 4.31 -10.99	60.97 5.14 -3.87	71.10 6.35 -1.85	67.56 6.26 8.17	61.59 5.50 0.00	49.42 5.17 -0.01	39.83 3.85 -0.01
SHOREHAM_IC_2 23716	49.25 1.21 -35.65	42.40 1.22 -28.56	44.80 1.01 -33.23	32.03 1.03 -19.73	32.80 1.13 -19.68	35.97 2.20 -13.00	44.15 3.39 -9.70	44.65 4.04 -5.76	38.36 3.08 -8.51	33.52 2.34 -10.14	32.37 2.51 -8.61	34.20 2.41 -10.68	37.19 2.49 -14.49	38.32 2.97 -11.94	40.05 3.41 -10.43	49.35 3.44 -17.25	52.86 3.90 -13.51	55.22 4.31 -10.99	60.97 5.14 -3.87	71.10 6.35 -1.85	67.56 6.26 8.17	61.59 5.50 0.00	49.42 5.17 -0.01	39.83 3.85 -0.01
SISSONVILLE____ 23735	12.15 -0.67 -0.44	12.25 -0.74 -0.37	10.39 -0.58 -0.42	11.05 -0.62 -0.40	11.84 -0.55 -0.40	20.08 -0.96 -0.26	29.80 -1.46 -0.20	33.26 -1.71 -0.12	25.45 -1.50 -0.17	20.01 -1.24 -0.21	20.33 -1.11 -0.18	20.26 -1.08 -0.22	19.40 -1.11 -0.30	22.37 -1.29 -0.25	24.96 -1.47 -0.22	27.42 -1.61 -0.36	33.88 -1.84 -0.27	38.28 -1.88 -0.24	50.84 -1.77 -0.65	61.08 -2.58 -0.76	67.63 -2.43 -0.59	54.87 -1.51 -0.29	43.21 -1.11 -0.07	35.11 -0.86 0.00
SITHE_IND_GS1 24169	13.50 -0.28 -1.40	13.54 -0.28 -1.20	11.66 -0.24 -1.34	12.30 -0.26 -1.29	12.99 -0.29 -1.29	21.13 -0.50 -0.85	30.92 -0.78 -0.63	34.35 -0.87 -0.37	26.68 -0.64 -0.55	21.21 -0.48 -0.65	21.30 -0.51 -0.55	21.30 -0.51 -0.68	20.68 -0.46 -0.93	23.61 -0.56 -0.77	26.23 -0.65 -0.67	29.06 -0.72 -1.11	34.97 -0.99 -0.51	38.58 -1.36 -0.02	39.08 -1.82 11.05	44.32 -2.14 16.44	52.20 -2.23 15.05	46.90 -1.85 7.34	40.89 -1.46 1.89	34.75 -1.22 0.00

SITHE_IND_GS2 24170	13.50 -0.28 -1.40	13.54 -0.28 -1.20	11.66 -0.24 -1.34	12.30 -0.26 -1.29	12.99 -0.29 -1.29	21.13 -0.50 -0.85	30.92 -0.78 -0.63	34.35 -0.87 -0.37	26.68 -0.64 -0.55	21.21 -0.48 -0.65	21.30 -0.51 -0.55	21.30 -0.51 -0.68	20.68 -0.46 -0.93	23.61 -0.56 -0.77	26.23 -0.65 -0.67	29.06 -0.72 -1.11	34.97 -0.99 -0.51	38.58 -1.36 -0.02	39.08 -1.82 11.05	44.32 -2.14 16.44	52.20 -2.23 15.05	46.90 -1.85 7.34	40.89 -1.46 1.89	34.75 -1.22 0.00
SITHE_IND_GS3 24171	13.50 -0.28 -1.40	13.54 -0.28 -1.20	11.66 -0.24 -1.34	12.30 -0.26 -1.29	12.99 -0.29 -1.29	21.13 -0.50 -0.85	30.92 -0.78 -0.63	34.35 -0.87 -0.37	26.68 -0.64 -0.55	21.21 -0.48 -0.65	21.30 -0.51 -0.55	21.30 -0.51 -0.68	20.68 -0.46 -0.93	23.61 -0.56 -0.77	26.23 -0.65 -0.67	29.06 -0.72 -1.11	34.97 -0.99 -0.51	38.58 -1.36 -0.02	39.08 -1.82 11.05	44.32 -2.14 16.44	52.20 -2.23 15.05	46.90 -1.85 7.34	40.89 -1.46 1.89	34.75 -1.22 0.00
SITHE_IND_GS4 24172	13.50 -0.28 -1.40	13.54 -0.28 -1.20	11.66 -0.24 -1.34	12.30 -0.26 -1.29	12.99 -0.29 -1.29	21.13 -0.50 -0.85	30.92 -0.78 -0.63	34.35 -0.87 -0.37	26.68 -0.64 -0.55	21.21 -0.48 -0.65	21.30 -0.51 -0.55	21.30 -0.51 -0.68	20.68 -0.46 -0.93	23.61 -0.56 -0.77	26.23 -0.65 -0.67	29.06 -0.72 -1.11	34.97 -0.99 -0.51	38.58 -1.36 -0.02	39.08 -1.82 11.05	44.32 -2.14 16.44	52.20 -2.23 15.05	46.90 -1.85 7.34	40.89 -1.46 1.89	34.75 -1.22 0.00
SITHE___BATAVIA 24024	13.14 -0.77 -1.52	13.27 -0.64 -1.30	11.44 -0.57 -1.46	12.07 -0.60 -1.40	12.60 -0.79 -1.40	20.38 -1.31 -0.92	29.57 -2.18 -0.68	32.84 -2.40 -0.40	25.60 -1.77 -0.59	20.35 -1.41 -0.71	20.35 -1.51 -0.60	20.35 -1.52 -0.75	20.20 -1.46 -1.45	22.56 -1.69 -0.84	24.95 -1.99 -0.73	27.62 -2.27 -1.22	32.95 -2.66 -0.16	37.28 -2.75 -0.12	48.11 -3.95 -0.11	58.50 -4.65 -0.26	65.23 -4.24 0.00	52.21 -3.87 0.01	41.31 -2.92 0.01	33.78 -2.20 0.00
SITHE___INDEPEND 23800	13.50 -0.28 -1.40	13.54 -0.28 -1.20	11.66 -0.24 -1.34	12.30 -0.26 -1.29	12.99 -0.29 -1.29	21.13 -0.50 -0.85	30.92 -0.78 -0.64	34.35 -0.87 -0.37	26.68 -0.64 -0.55	21.21 -0.48 -0.65	21.30 -0.51 -0.55	21.30 -0.51 -0.68	20.68 -0.46 -0.93	23.61 -0.56 -0.77	26.23 -0.66 -0.67	29.05 -0.72 -1.11	34.96 -0.99 -0.51	38.58 -1.36 -0.02	39.08 -1.82 11.06	44.38 -2.08 16.44	52.20 -2.22 15.05	46.90 -1.85 7.34	40.89 -1.46 1.89	34.79 -1.19 0.00
SITHE___MASSENA 23902	12.09 -0.30 0.00	12.25 -0.37 0.00	10.29 -0.26 0.00	10.99 -0.28 0.00	11.75 -0.24 0.00	20.36 -0.42 0.00	30.41 -0.65 0.00	34.05 -0.72 0.00	26.05 -0.72 0.00	20.43 -0.61 0.00	20.75 -0.51 0.00	20.63 -0.48 0.00	19.69 -0.53 0.00	22.80 -0.61 0.00	25.56 -0.65 0.00	27.98 -0.69 0.00	34.67 -0.78 0.00	39.20 -0.72 0.00	51.28 -0.68 0.00	61.77 -1.13 0.00	68.57 -0.91 0.00	55.59 -0.51 0.00	43.89 -0.36 0.00	35.72 -0.25 0.00
SITHE___OGDNSBRG 24021	12.39 -0.35 -0.35	12.50 -0.42 -0.30	10.58 -0.31 -0.33	11.26 -0.33 -0.32	12.06 -0.25 -0.32	20.55 -0.44 -0.21	30.54 -0.68 -0.16	34.07 -0.87 -0.09	25.94 -0.96 -0.14	20.33 -0.88 -0.17	20.63 -0.77 -0.14	20.56 -0.74 -0.17	19.66 -0.79 -0.24	22.71 -0.89 -0.20	25.42 -0.97 -0.17	27.91 -1.03 -0.28	34.64 -1.03 -0.21	39.27 -0.84 -0.19	51.93 -0.52 -0.50	62.53 -0.94 -0.58	69.29 -0.63 -0.45	56.14 -0.17 -0.22	44.21 -0.09 -0.06	35.83 -0.14 0.00
SITHE___STERLING 23777	14.02 0.22 -1.42	14.06 0.23 -1.21	12.09 0.18 -1.35	12.76 0.19 -1.30	13.51 0.22 -1.30	22.03 0.39 -0.86	32.35 0.65 -0.64	35.96 0.73 -0.38	27.76 0.43 -0.56	21.99 0.27 -0.67	22.08 0.26 -0.57	22.08 0.25 -0.71	21.42 0.24 -0.96	24.55 0.35 -0.79	27.30 0.39 -0.69	30.30 0.49 -1.15	36.99 0.67 -0.87	41.61 0.96 -0.73	54.92 1.51 -1.45	66.22 1.83 -1.50	72.61 2.08 -1.05	58.35 1.74 -0.51	45.70 1.33 -0.13	36.80 0.83 0.00
SLEIGHT__34_KV_TB1 80719	13.71 -0.42 -1.74	13.73 -0.38 -1.49	11.87 -0.36 -1.67	12.50 -0.38 -1.61	13.12 -0.48 -1.61	21.15 -0.69 -1.06	30.87 -0.99 -0.80	34.16 -1.15 -0.46	26.63 -0.83 -0.69	21.19 -0.67 -0.82	21.25 -0.70 -0.69	21.31 -0.68 -0.86	21.04 -0.61 -1.43	23.65 -0.73 -0.96	26.19 -0.87 -0.84	29.05 -1.00 -1.39	34.37 -1.52 -0.44	38.68 -1.60 -0.36	50.27 -2.34 -0.65	61.25 -2.45 -0.81	67.91 -2.01 -0.45	54.17 -2.13 -0.21	42.65 -1.64 -0.05	34.79 -1.19 0.00
SOUTH CAIRO___GT 23612	36.86 0.54 -23.93	33.65 0.54 -20.49	33.91 0.45 -22.90	33.75 0.46 -22.02	34.43 0.48 -21.96	36.17 0.89 -14.50	43.29 1.37 -10.86	42.72 1.46 -6.41	37.14 0.88 -9.49	32.90 0.57 -11.29	31.36 0.51 -9.59	33.48 0.46 -11.89	36.80 0.44 -16.14	37.22 0.51 -13.30	38.43 0.60 -11.62	48.69 0.80 -19.22	51.55 1.21 -14.90	53.97 1.92 -12.14	65.89 2.86 -11.08	72.26 3.77 -5.59	74.20 4.72 0.00	59.85 3.76 0.00	46.98 2.74 0.00	38.13 2.16 0.00
SOUTH HAMPTN___IC 23720	49.18 1.14 -35.65	42.32 1.15 -28.56	44.73 0.94 -33.23	31.95 0.95 -19.73	32.73 1.06 -19.68	35.87 2.10 -13.00	44.00 3.23 -9.70	44.68 4.08 -5.76	38.31 3.02 -8.51	33.45 2.27 -10.14	32.35 2.49 -8.61	34.18 2.39 -10.68	37.17 2.46 -14.49	38.32 2.97 -11.94	40.05 3.41 -10.43	49.38 3.47 -17.25	52.90 3.93 -13.51	55.10 4.19 -10.99	60.91 5.09 -3.86	71.09 6.35 -1.85	67.47 6.18 8.18	61.59 5.50 0.00	49.29 5.04 -0.01	39.65 3.67 -0.01
SOUTHDOW__115KV_TB1 355954	12.98 -0.89 -1.49	13.02 -0.87 -1.27	11.29 -0.71 -1.44	11.92 -0.73 -1.38	12.53 -0.84 -1.38	20.16 -1.52 -0.90	29.43 -2.33 -0.69	32.80 -2.44 -0.39	25.67 -1.69 -0.59	20.31 -1.43 -0.69	20.29 -1.55 -0.59	20.29 -1.56 -0.73	20.41 -1.43 -1.63	22.64 -1.59 -0.82	25.17 -1.76 -0.71	28.29 -1.55 -1.17	33.62 -1.77 0.06	38.37 -1.48 0.07	49.85 -2.03 0.08	60.43 -2.70 -0.23	66.14 -3.33 0.00	53.88 -2.19 0.02	42.67 -1.55 0.02	34.64 -1.33 0.00
SOUTHOLD_69_KV_BK 2 55809	49.07 1.03 -35.65	42.21 1.03 -28.56	44.62 0.83 -33.23	31.85 0.85 -19.73	32.62 0.95 -19.68	35.70 1.93 -13.00	43.79 2.98 -9.74	44.55 3.94 -5.76	38.18 2.89 -8.51	33.34 2.17 -10.13	32.25 2.38 -8.61	34.06 2.26 -10.68	37.07 2.36 -14.49	38.20 2.86 -11.94	39.95 3.30 -10.43	49.19 3.27 -17.25	52.54 3.58 -13.51	54.50 3.59 -10.98	60.40 4.62 -3.82	70.51 5.79 -1.83	67.13 5.84 8.18	60.86 4.77 0.00	48.85 4.60 -0.01	39.33 3.35 -0.01
SOUTHOLD___IC 23719	49.07 1.03 -35.65	42.21 1.03 -28.56	44.62 0.83 -33.23	31.85 0.85 -19.73	32.62 0.95 -19.68	35.70 1.93 -13.00	43.75 2.98 -9.70	44.55 3.94 -5.76	38.18 2.89 -8.51	33.35 2.17 -10.14	32.25 2.38 -8.61	34.06 2.26 -10.68	37.06 2.36 -14.49	38.20 2.85 -11.94	39.95 3.30 -10.43	49.26 3.35 -17.25	52.76 3.80 -13.51	54.86 3.95 -10.99	60.60 4.78 -3.86	70.78 6.04 -1.85	67.13 5.84 8.18	61.31 5.22 0.00	48.99 4.74 -0.01	39.36 3.38 -0.01
SOUTH_FORK_WT_PWR 323839	48.88 0.84 -35.65	42.02 0.85 -28.56	44.46 0.68 -33.23	31.68 0.68 -19.73	32.46 0.78 -19.68	35.39 1.62 -13.00	43.28 2.52 -9.70	44.20 3.59 -5.76	37.91 2.63 -8.51	33.12 1.93 -10.14	32.04 2.17 -8.61	33.84 2.05 -10.68	36.84 2.14 -14.49	37.97 2.62 -11.94	39.68 3.04 -10.43	48.95 3.04 -17.25	52.40 3.44 -13.51	54.26 3.35 -10.99	59.87 4.06 -3.86	69.90 5.16 -1.85	66.15 4.86 8.18	60.52 4.43 0.00	48.37 4.12 -0.01	38.82 2.84 -0.01

SPIERFLS_115KV_TB 1 80737	38.39 0.79 -25.21	35.04 0.83 -21.59	35.36 0.68 -24.12	35.17 0.70 -23.20	35.89 0.76 -23.14	37.38 1.33 -15.28	44.87 2.36 -11.44	44.08 2.51 -6.73	38.47 1.74 -9.96	33.99 1.09 -11.85	32.32 1.00 -10.06	34.59 0.99 -12.48	38.10 0.95 -16.94	38.46 1.10 -13.95	39.66 1.26 -12.19	50.12 1.26 -20.20	52.54 1.81 -15.28	54.72 2.36 -12.45	66.70 3.38 -11.37	73.15 4.47 -5.79	74.20 4.72 0.00	60.19 4.09 0.00	47.21 2.96 0.00	38.42 2.45 0.00
ST LAWRENCE____ 23600	12.06 -0.32 0.00	12.25 -0.37 0.00	10.27 -0.28 0.00	10.97 -0.30 0.00	11.71 -0.29 0.00	20.28 -0.50 0.00	30.29 -0.78 0.00	33.94 -0.91 0.00	26.05 -0.72 0.00	20.46 -0.59 0.00	20.72 -0.53 0.00	20.59 -0.53 0.00	19.65 -0.57 0.00	22.78 -0.63 0.00	25.53 -0.68 0.00	27.92 -0.75 0.00	34.53 -0.92 0.00	39.00 -0.92 0.00	50.92 -1.04 0.00	61.45 -1.44 0.00	68.08 -1.39 0.00	55.08 -1.01 0.00	43.45 -0.80 0.00	35.36 -0.61 0.00
STATE_CA_115KV_115_LB 55624	37.52 0.41 -24.72	34.23 0.44 -21.17	34.56 0.35 -23.66	34.39 0.37 -22.75	35.07 0.38 -22.69	36.44 0.69 -14.98	43.31 1.03 -11.22	42.59 1.12 -6.62	37.46 0.88 -9.80	33.41 0.69 -11.67	31.85 0.68 -9.91	34.08 0.68 -12.29	37.52 0.63 -16.68	37.85 0.70 -13.74	39.03 0.81 -12.00	49.41 0.89 -19.86	51.61 1.13 -15.02	53.83 1.40 -12.51	65.00 1.87 -11.18	70.91 2.33 -5.69	71.77 2.29 0.00	57.94 1.85 0.00	45.66 1.42 0.00	37.16 1.19 0.00
STATE_ST_34_KV_LOAD 55959	14.70 0.00 -2.31	14.60 0.00 -1.98	12.76 -0.01 -2.22	13.38 -0.02 -2.13	14.09 -0.02 -2.13	22.18 0.00 -1.40	32.21 0.09 -1.05	35.53 0.07 -0.61	27.76 0.08 -0.91	22.14 0.00 -1.10	22.19 0.00 -0.93	22.23 -0.04 -1.16	21.95 0.00 -1.74	24.70 0.00 -1.29	27.37 0.03 -1.13	30.59 0.06 -1.87	36.23 -0.04 -0.81	40.68 0.04 -0.72	54.24 -0.05 -2.34	65.95 0.06 -2.99	72.07 0.28 -2.32	57.27 0.06 -1.12	44.48 -0.04 -0.29	35.87 -0.11 0.00
STATION 5_MISC_HYD 23604	13.38 -0.54 -1.54	13.50 -0.44 -1.32	11.61 -0.43 -1.48	12.25 -0.45 -1.43	12.79 -0.62 -1.42	20.82 -0.89 -0.94	30.36 -1.40 -0.69	33.72 -1.53 -0.41	26.25 -1.12 -0.60	20.93 -0.84 -0.73	20.98 -0.89 -0.62	21.00 -0.89 -0.77	21.15 -0.79 -1.73	23.30 -0.96 -0.86	25.81 -1.15 -0.75	28.48 -1.43 -1.24	33.68 -2.06 -0.28	37.98 -2.16 -0.22	49.14 -3.01 -0.20	59.83 -3.34 -0.27	66.83 -2.64 0.00	53.33 -2.75 0.01	42.11 -2.12 0.01	34.46 -1.51 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	13.68 -0.38 -1.68	13.72 -0.33 -1.43	11.85 -0.32 -1.61	12.48 -0.34 -1.55	13.11 -0.43 -1.54	21.17 -0.62 -1.02	30.93 -0.90 -0.77	34.25 -1.05 -0.44	26.68 -0.75 -0.66	21.22 -0.61 -0.78	21.26 -0.66 -0.67	21.29 -0.65 -0.83	21.37 -0.57 -1.73	23.66 -0.68 -0.93	26.21 -0.81 -0.81	29.08 -0.92 -1.33	34.41 -1.38 -0.34	38.80 -1.40 -0.28	50.54 -2.03 -0.61	61.53 -2.20 -0.83	68.23 -1.74 -0.50	54.47 -1.85 -0.23	42.88 -1.42 -0.05	34.97 -1.01 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	13.35 -0.59 -1.55	13.44 -0.50 -1.33	11.57 -0.49 -1.49	12.20 -0.51 -1.44	12.77 -0.66 -1.43	20.72 -1.00 -0.94	30.26 -1.52 -0.72	33.59 -1.67 -0.41	26.15 -1.23 -0.61	20.82 -0.95 -0.72	20.89 -0.98 -0.61	20.91 -0.97 -0.76	21.03 -0.87 -1.69	23.21 -1.05 -0.85	25.70 -1.26 -0.74	28.40 -1.49 -1.23	33.58 -2.16 -0.29	37.82 -2.32 -0.22	48.87 -3.27 -0.19	59.63 -3.52 -0.26	66.49 -2.99 0.00	53.05 -3.03 0.01	41.98 -2.26 0.01	34.39 -1.58 0.00
STA_56____34_KV_BUS2 355983	13.35 -0.59 -1.55	13.44 -0.50 -1.33	11.57 -0.49 -1.49	12.20 -0.51 -1.44	12.77 -0.66 -1.43	20.72 -1.00 -0.94	30.26 -1.52 -0.72	33.59 -1.67 -0.41	26.15 -1.23 -0.61	20.82 -0.95 -0.72	20.89 -0.98 -0.61	20.91 -0.97 -0.76	21.03 -0.87 -1.69	23.21 -1.05 -0.85	25.70 -1.26 -0.74	28.40 -1.49 -1.23	33.58 -2.16 -0.29	37.82 -2.32 -0.22	48.87 -3.27 -0.19	59.63 -3.52 -0.26	66.49 -2.99 0.00	53.05 -3.03 0.01	41.98 -2.26 0.01	34.39 -1.58 0.00
STA_67____115KV_BK2 355882	13.37 -0.56 -1.54	13.48 -0.45 -1.32	11.60 -0.44 -1.48	12.22 -0.47 -1.43	12.78 -0.64 -1.42	20.78 -0.93 -0.94	30.35 -1.43 -0.71	33.69 -1.57 -0.41	26.20 -1.18 -0.61	20.88 -0.88 -0.71	20.93 -0.94 -0.61	20.96 -0.91 -0.75	21.10 -0.83 -1.72	23.25 -1.01 -0.84	25.75 -1.21 -0.74	28.42 -1.46 -1.21	33.60 -2.13 -0.27	37.89 -2.24 -0.20	48.91 -3.22 -0.18	59.76 -3.40 -0.26	66.69 -2.78 0.00	53.16 -2.92 0.01	42.06 -2.17 0.01	34.53 -1.44 0.00
STA_7____115KV_9TRANS 80674	13.42 -0.51 -1.54	13.53 -0.40 -1.32	11.64 -0.40 -1.48	12.28 -0.42 -1.42	12.83 -0.59 -1.42	20.88 -0.83 -0.93	30.50 -1.27 -0.71	33.86 -1.39 -0.41	26.36 -1.02 -0.61	21.00 -0.76 -0.72	21.05 -0.81 -0.61	21.09 -0.78 -0.75	21.23 -0.71 -1.72	23.41 -0.84 -0.84	25.93 -1.02 -0.74	28.62 -1.26 -1.21	33.88 -1.84 -0.27	38.21 -1.92 -0.21	49.33 -2.81 -0.18	60.26 -2.89 -0.26	67.25 -2.22 0.00	53.61 -2.47 0.01	42.37 -1.86 0.01	34.75 -1.22 0.00
STA_82____115KV_TB1 80780	13.36 -0.57 -1.54	13.47 -0.47 -1.32	11.59 -0.45 -1.49	12.21 -0.48 -1.43	12.78 -0.64 -1.42	20.78 -0.93 -0.94	30.32 -1.46 -0.71	33.65 -1.60 -0.41	26.18 -1.20 -0.61	20.86 -0.90 -0.72	20.91 -0.96 -0.61	20.94 -0.93 -0.75	21.09 -0.85 -1.73	23.22 -1.03 -0.84	25.72 -1.23 -0.74	28.39 -1.49 -1.22	33.56 -2.16 -0.27	37.81 -2.32 -0.20	48.86 -3.27 -0.18	59.70 -3.46 -0.26	66.62 -2.85 0.00	53.11 -2.97 0.01	42.02 -2.21 0.01	34.50 -1.47 0.00
STEEL____WIND 323596	12.93 -0.95 -1.49	13.02 -0.87 -1.28	11.24 -0.75 -1.44	11.84 -0.81 -1.38	12.42 -0.95 -1.38	20.02 -1.66 -0.90	29.06 -2.67 -0.67	32.27 -2.96 -0.39	25.26 -2.09 -0.58	20.12 -1.62 -0.70	20.10 -1.74 -0.59	20.10 -1.75 -0.73	20.14 -1.64 -1.57	22.31 -1.92 -0.82	24.70 -2.23 -0.72	27.51 -2.35 -1.20	32.59 -2.87 -0.01	36.83 -3.07 0.01	47.69 -4.26 0.01	58.05 -5.09 -0.25	63.78 -5.70 0.00	51.58 -4.49 0.02	40.90 -3.32 0.02	33.35 -2.62 0.00
STEPHTWN_115KV_BK_2 55603	37.37 0.47 -24.51	34.10 0.49 -20.99	34.40 0.39 -23.46	34.24 0.42 -22.56	34.92 0.43 -22.50	36.40 0.77 -14.85	43.37 1.18 -11.13	42.71 1.29 -6.57	37.49 0.99 -9.73	33.38 0.76 -11.57	31.81 0.72 -9.83	34.03 0.72 -12.19	37.43 0.67 -16.55	37.81 0.77 -13.63	38.99 0.87 -11.91	49.34 0.97 -19.71	51.96 1.28 -15.24	53.93 1.60 -12.41	65.22 2.18 -11.09	71.25 2.70 -5.65	72.25 2.78 0.00	58.34 2.24 0.00	45.92 1.68 0.00	37.34 1.37 0.00
STEBEN_REC_LFGE 323667	12.90 -1.03 -1.55	12.89 -1.05 -1.32	11.17 -0.89 -1.50	11.76 -0.96 -1.44	12.41 -1.02 -1.44	19.99 -1.72 -0.94	29.28 -2.52 -0.73	31.87 -3.38 -0.40	24.84 -2.54 -0.61	19.57 -2.17 -0.69	19.52 -2.32 -0.58	19.44 -2.41 -0.73	22.19 -2.28 -4.26	21.62 -2.60 -0.81	24.15 -2.78 -0.71	27.47 -2.35 -1.16	31.88 -2.62 0.95	36.95 -2.16 0.81	48.82 -2.81 0.33	60.54 -3.08 -0.73	67.27 -2.78 -0.57	54.27 -2.08 -0.25	42.73 -1.55 -0.04	34.68 -1.30 0.00
STILLWATER____SOLAR 323814	38.20 0.69 -25.12	34.85 0.72 -21.51	35.18 0.59 -24.04	35.00 0.62 -23.11	35.70 0.66 -23.05	37.16 1.16 -15.22	44.40 2.05 -11.29	43.74 2.20 -6.70	38.24 1.55 -9.91	33.86 1.01 -11.80	32.22 0.93 -10.03	34.48 0.93 -12.43	37.98 0.89 -16.88	38.32 1.01 -13.90	39.51 1.15 -12.14	49.79 1.03 -20.09	52.17 1.52 -15.20	54.21 1.92 -12.38	66.08 2.75 -11.37	72.27 3.58 -5.79	73.22 3.75 0.00	59.17 3.08 0.00	46.54 2.30 0.00	38.20 2.23 0.00

STONY___BROOK 24151	49.31 1.28 -35.65	42.46 1.29 -28.56	44.85 1.07 -33.23	32.08 1.07 -19.73	32.86 1.19 -19.68	36.08 2.31 -13.00	44.31 3.54 -9.70	44.79 4.18 -5.76	38.47 3.18 -8.51	33.62 2.44 -10.14	32.50 2.64 -8.61	34.33 2.53 -10.68	37.31 2.61 -14.49	38.46 3.11 -11.94	40.18 3.54 -10.43	49.52 3.61 -17.25	53.07 4.11 -13.51	55.46 4.55 -10.99	61.30 5.45 -3.89	71.42 6.66 -1.86	67.93 6.60 8.14	61.87 5.78 0.00	49.65 5.40 -0.01	39.97 3.99 -0.01
STURGEON_POOL_HYD 23609	35.33 0.82 -22.13	32.38 0.81 -18.95	32.41 0.68 -21.18	32.34 0.71 -20.36	33.06 0.76 -20.31	35.56 1.37 -13.41	43.22 2.11 -10.04	43.22 2.47 -5.90	37.40 1.90 -8.73	33.02 1.58 -10.39	31.74 1.66 -8.83	33.69 1.63 -10.95	36.68 1.62 -14.86	37.59 1.94 -12.24	39.08 2.18 -10.69	48.79 2.44 -17.69	52.36 3.08 -13.82	54.82 3.63 -11.26	66.75 4.52 -10.28	73.54 5.47 -5.17	75.38 5.91 0.00	60.80 4.71 0.00	47.83 3.58 0.00	38.64 2.66 0.00
ST_LAW_115_BK7_LBMP 345037	12.04 -0.35 0.00	12.23 -0.39 0.00	10.25 -0.31 0.00	10.94 -0.33 0.00	11.69 -0.30 0.00	20.24 -0.54 0.00	30.23 -0.84 0.00	33.91 -0.94 0.00	25.97 -0.80 0.00	20.41 -0.63 0.00	20.68 -0.57 0.00	20.55 -0.57 0.00	19.62 -0.59 0.00	22.73 -0.68 0.00	25.48 -0.73 0.00	27.86 -0.80 0.00	34.49 -0.96 0.00	38.96 -0.96 0.00	50.81 -1.14 0.00	61.33 -1.57 0.00	67.94 -1.53 0.00	55.02 -1.07 0.00	43.40 -0.84 0.00	35.33 -0.65 0.00
ST_LAW_115_BK8_LBMP 345038	12.04 -0.35 0.00	12.23 -0.39 0.00	10.25 -0.31 0.00	10.94 -0.33 0.00	11.69 -0.30 0.00	20.24 -0.54 0.00	30.23 -0.84 0.00	33.91 -0.94 0.00	25.97 -0.80 0.00	20.41 -0.63 0.00	20.68 -0.57 0.00	20.55 -0.57 0.00	19.62 -0.59 0.00	22.73 -0.68 0.00	25.48 -0.73 0.00	27.86 -0.80 0.00	34.49 -0.96 0.00	38.96 -0.96 0.00	50.81 -1.14 0.00	61.33 -1.57 0.00	67.94 -1.53 0.00	55.02 -1.07 0.00	43.40 -0.84 0.00	35.33 -0.65 0.00
ST_LAW_230_BK5_LBMP 345035	12.06 -0.32 0.00	12.25 -0.37 0.00	10.27 -0.28 0.00	10.97 -0.30 0.00	11.71 -0.29 0.00	20.28 -0.50 0.00	30.29 -0.78 0.00	33.94 -0.91 0.00	26.05 -0.72 0.00	20.46 -0.59 0.00	20.72 -0.53 0.00	20.59 -0.53 0.00	19.65 -0.57 0.00	22.78 -0.63 0.00	25.53 -0.68 0.00	27.92 -0.75 0.00	34.53 -0.92 0.00	39.00 -0.92 0.00	50.92 -1.04 0.00	61.45 -1.44 0.00	68.08 -1.39 0.00	55.08 -1.01 0.00	43.45 -0.80 0.00	35.36 -0.61 0.00
ST_LAW_230_BK6_LBMP 345036	12.06 -0.32 0.00	12.25 -0.37 0.00	10.27 -0.28 0.00	10.97 -0.30 0.00	11.71 -0.29 0.00	20.28 -0.50 0.00	30.29 -0.78 0.00	33.94 -0.91 0.00	26.05 -0.72 0.00	20.46 -0.59 0.00	20.72 -0.53 0.00	20.59 -0.53 0.00	19.65 -0.57 0.00	22.78 -0.63 0.00	25.53 -0.68 0.00	27.92 -0.75 0.00	34.53 -0.92 0.00	39.00 -0.92 0.00	50.92 -1.04 0.00	61.45 -1.44 0.00	68.08 -1.39 0.00	55.08 -1.01 0.00	43.45 -0.80 0.00	35.36 -0.61 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	34.05 0.83 -20.84	31.29 0.83 -17.84	31.17 0.68 -19.94	31.16 0.72 -19.17	31.88 0.77 -19.12	34.77 1.37 -12.62	42.66 2.14 -9.45	42.97 2.54 -5.58	37.04 2.01 -8.26	32.54 1.66 -9.83	31.37 1.76 -8.35	33.20 1.73 -10.35	35.89 1.70 -13.98	37.05 2.06 -11.58	38.63 2.31 -10.11	47.95 2.55 -16.73	51.69 3.19 -13.05	54.19 3.63 -10.63	66.24 4.57 -9.71	73.24 5.47 -4.88	75.10 5.63 0.00	60.47 4.38 0.00	47.61 3.36 0.00	38.46 2.48 0.00
SWANROAD_115KV_TB1 355699	12.65 -1.23 -1.49	12.80 -1.09 -1.27	11.11 -0.88 -1.43	11.71 -0.94 -1.38	12.23 -1.14 -1.37	19.54 -2.14 -0.90	28.13 -3.63 -0.70	31.24 -4.01 -0.39	24.42 -2.94 -0.59	19.46 -2.27 -0.69	19.46 -2.38 -0.58	19.46 -2.39 -0.73	19.40 -2.30 -1.49	21.55 -2.67 -0.81	23.81 -3.12 -0.71	26.37 -3.47 -1.17	31.66 -3.86 -0.07	35.04 -4.91 -0.03	45.18 -6.81 -0.03	55.28 -7.86 -0.24	61.55 -7.92 0.00	49.23 -6.84 0.02	39.23 -5.00 0.02	32.38 -3.60 0.00
SYNERGY___BIOGAS 323694	13.13 -0.77 -1.51	13.27 -0.64 -1.29	11.44 -0.57 -1.46	12.07 -0.60 -1.40	12.60 -0.79 -1.40	20.38 -1.31 -0.92	29.59 -2.17 -0.70	32.84 -2.40 -0.40	25.60 -1.77 -0.60	20.33 -1.41 -0.70	20.34 -1.51 -0.59	20.34 -1.52 -0.74	20.20 -1.46 -1.44	22.55 -1.69 -0.82	24.94 -1.99 -0.72	27.62 -2.24 -1.19	32.94 -2.66 -0.15	36.98 -3.03 -0.10	47.83 -4.21 -0.09	58.49 -4.65 -0.25	65.23 -4.24 0.00	52.15 -3.93 0.01	41.35 -2.88 0.01	33.92 -2.05 0.00
SYRACUSE___ENERGY_ST1 323597	14.46 0.01 -2.06	14.39 0.01 -1.76	12.53 0.00 -1.97	13.16 -0.01 -1.90	13.88 0.00 -1.89	22.02 0.00 -1.25	32.03 0.03 -0.94	35.43 0.03 -0.55	27.66 0.08 -0.81	22.07 0.04 -0.99	22.11 0.02 -0.84	22.18 0.02 -1.04	21.77 0.06 -1.50	24.64 0.07 -1.16	27.31 0.08 -1.01	30.46 0.11 -1.68	36.27 0.00 -0.81	40.62 -0.04 -0.74	54.55 -0.21 -2.80	66.38 -0.13 -3.61	72.31 -0.07 -2.91	57.34 -0.17 -1.42	44.47 -0.13 -0.36	35.79 -0.18 0.00
SYRACUSE___ENERGY_ST2 323598	14.46 0.01 -2.06	14.39 0.01 -1.76	12.53 0.00 -1.97	13.16 -0.01 -1.90	13.88 0.00 -1.89	22.02 0.00 -1.25	32.03 0.03 -0.94	35.43 0.03 -0.55	27.66 0.08 -0.81	22.07 0.04 -0.99	22.11 0.02 -0.84	22.18 0.02 -1.04	21.77 0.06 -1.50	24.64 0.07 -1.16	27.31 0.08 -1.01	30.46 0.11 -1.68	36.27 0.00 -0.81	40.62 -0.04 -0.74	54.55 -0.21 -2.80	66.38 -0.13 -3.61	72.31 -0.07 -2.91	57.34 -0.17 -1.42	44.47 -0.13 -0.36	35.79 -0.18 0.00
SYRACUSE___POWER 24017	14.84 0.01 -2.44	14.72 0.01 -2.09	12.89 0.00 -2.33	13.52 0.00 -2.24	14.23 0.00 -2.24	22.25 0.00 -1.48	32.23 0.06 -1.11	35.57 0.07 -0.65	27.84 0.11 -0.96	22.25 0.04 -1.16	22.28 0.04 -0.99	22.38 0.04 -1.22	21.93 0.06 -1.66	24.85 0.07 -1.37	27.49 0.08 -1.19	30.75 0.11 -1.97	36.44 0.04 -0.96	40.75 0.00 -0.83	54.07 -0.16 -2.27	65.56 -0.06 -2.73	71.55 0.00 -2.07	56.99 -0.11 -1.01	44.41 -0.09 -0.26	35.79 -0.18 0.00
TALLMAN__138KV_BK151 55660	34.29 0.92 -20.99	31.51 0.92 -17.98	31.39 0.75 -20.08	31.40 0.81 -19.31	32.11 0.85 -19.26	35.03 1.54 -12.72	43.01 2.42 -9.53	43.33 2.86 -5.62	37.35 2.25 -8.33	32.85 1.89 -9.91	31.69 2.02 -8.42	33.52 1.96 -10.44	36.32 1.94 -14.17	37.42 2.34 -11.67	39.03 2.62 -10.19	48.43 2.90 -16.87	52.27 3.58 -13.24	54.78 4.07 -10.79	66.90 5.09 -9.86	73.95 6.10 -4.95	75.73 6.25 0.00	60.97 4.88 0.00	48.00 3.76 0.00	38.74 2.77 0.00
TEALLAVE_115KV_TB7 355573	14.43 -0.02 -2.07	14.36 -0.03 -1.77	12.50 -0.03 -1.98	13.13 -0.05 -1.90	13.84 -0.05 -1.90	21.97 -0.06 -1.25	31.94 -0.06 -0.94	35.33 -0.07 -0.55	27.59 0.00 -0.82	22.01 -0.02 -0.98	22.07 -0.02 -0.84	22.14 -0.02 -1.04	21.64 0.02 -1.41	24.59 0.02 -1.16	27.23 0.00 -1.01	30.37 0.03 -1.68	36.14 -0.11 -0.80	40.42 -0.20 -0.70	53.56 -0.42 -2.02	65.05 -0.31 -2.47	71.10 -0.28 -1.90	56.68 -0.34 -0.93	44.17 -0.31 -0.24	35.65 -0.32 0.00
TELGRAPH_34_KV_EAST 80808	12.92 -0.97 -1.50	13.07 -0.83 -1.29	11.30 -0.71 -1.45	11.91 -0.76 -1.39	12.43 -0.95 -1.39	20.03 -1.66 -0.91	29.00 -2.76 -0.70	32.21 -3.03 -0.40	25.14 -2.22 -0.59	20.01 -1.73 -0.69	20.01 -1.83 -0.59	20.01 -1.84 -0.73	19.91 -1.76 -1.46	22.19 -2.04 -0.82	24.52 -2.41 -0.71	27.15 -2.69 -1.18	32.38 -3.19 -0.12	36.20 -3.79 -0.07	46.77 -5.25 -0.06	57.17 -5.98 -0.25	63.71 -5.77 0.00	50.97 -5.10 0.01	40.51 -3.72 0.01	33.31 -2.66 0.00

TEMPLE___115KV_TB 2 55572	14.46 -0.02 -2.09	14.39 -0.03 -1.79	12.53 -0.03 -2.00	13.16 -0.03 -1.93	13.88 -0.04 -1.92	21.98 -0.06 -1.27	31.98 -0.03 -0.95	35.37 -0.03 -0.56	27.62 0.03 -0.83	22.04 0.00 -1.00	22.10 0.00 -0.85	22.17 0.00 -1.05	21.68 0.04 -1.42	24.61 0.02 -1.17	27.27 0.03 -1.03	30.42 0.06 -1.70	36.19 -0.07 -0.81	40.47 -0.16 -0.71	53.61 -0.36 -2.02	65.03 -0.31 -2.45	71.07 -0.28 -1.88	56.67 -0.34 -0.92	44.21 -0.27 -0.24	35.69 -0.29 0.00
TIANA___69_KV_BK 1 55817	49.23 1.19 -35.65	42.38 1.20 -28.56	44.77 0.98 -33.23	32.00 0.99 -19.73	32.78 1.10 -19.68	35.95 2.18 -13.00	44.16 3.35 -9.74	44.72 4.11 -5.76	38.36 3.08 -8.51	33.51 2.34 -10.13	32.40 2.53 -8.61	34.23 2.43 -10.68	37.21 2.51 -14.49	38.37 3.02 -11.94	40.10 3.46 -10.43	49.33 3.41 -17.25	52.72 3.76 -13.51	54.86 3.95 -10.98	60.82 5.04 -3.82	70.95 6.23 -1.83	67.61 6.32 8.18	61.25 5.16 0.00	49.30 5.04 -0.01	39.76 3.78 -0.01
TILDEN___115KV_TB1 80814	14.84 0.01 -2.44	14.72 0.01 -2.09	12.89 0.00 -2.33	13.52 0.00 -2.24	14.23 0.00 -2.24	22.25 0.00 -1.48	32.23 0.06 -1.11	35.57 0.07 -0.65	27.84 0.11 -0.96	22.25 0.04 -1.16	22.28 0.04 -0.99	22.38 0.04 -1.22	21.93 0.06 -1.66	24.85 0.07 -1.37	27.49 0.08 -1.19	30.75 0.11 -1.97	36.44 0.04 -0.96	40.75 0.00 -0.83	54.07 -0.16 -2.27	65.56 -0.06 -2.73	71.55 0.00 -2.07	56.99 -0.11 -1.01	44.41 -0.09 -0.26	35.79 -0.18 0.00
TRIGEN___CC 323695	49.19 1.15 -35.65	42.35 1.17 -28.56	44.73 0.94 -33.23	31.94 0.94 -19.73	32.70 1.02 -19.68	35.70 1.93 -13.00	43.80 2.98 -9.75	44.10 3.48 -5.77	38.04 2.76 -8.51	33.36 2.19 -10.13	32.21 2.34 -8.61	34.08 2.28 -10.68	37.00 2.30 -14.49	38.04 2.69 -11.94	39.68 3.04 -10.43	49.10 3.18 -17.25	52.58 3.62 -13.51	54.82 3.91 -10.99	65.40 4.83 -8.61	72.99 5.79 -4.31	73.49 5.91 1.89	60.80 4.71 0.00	48.59 4.34 -0.02	39.37 3.38 -0.02
TRINITY___115KV___ 4 BK 55933	37.30 0.37 -24.54	34.03 0.39 -21.02	34.36 0.32 -23.48	34.19 0.34 -22.58	34.86 0.35 -22.52	36.27 0.62 -14.87	43.14 0.93 -11.14	42.44 1.01 -6.58	37.31 0.80 -9.74	33.26 0.63 -11.59	31.72 0.62 -9.84	33.96 0.63 -12.21	37.34 0.57 -16.57	37.69 0.63 -13.65	38.84 0.71 -11.92	49.17 0.77 -19.73	51.37 0.99 -14.92	53.54 1.20 -12.43	64.67 1.61 -11.10	70.56 2.01 -5.65	71.42 1.95 0.00	57.72 1.63 0.00	45.48 1.24 0.00	37.05 1.08 0.00
UNION___PROCESSING_DRP 323587	13.36 -0.57 -1.55	13.47 -0.47 -1.32	11.59 -0.45 -1.49	12.23 -0.47 -1.43	12.78 -0.64 -1.43	20.78 -0.93 -0.94	30.32 -1.46 -0.71	33.66 -1.60 -0.41	26.18 -1.20 -0.61	20.86 -0.90 -0.72	20.91 -0.96 -0.61	20.95 -0.93 -0.76	21.09 -0.85 -1.72	23.22 -1.03 -0.85	25.72 -1.23 -0.74	28.39 -1.49 -1.22	33.60 -2.13 -0.27	37.85 -2.28 -0.20	48.86 -3.27 -0.18	59.76 -3.40 -0.26	66.62 -2.85 0.00	53.11 -2.97 0.01	42.06 -2.17 0.01	34.50 -1.47 0.00
UPPER HUDSON___HYD 24058	38.39 0.79 -25.21	35.04 0.83 -21.59	35.36 0.68 -24.12	35.17 0.70 -23.20	35.89 0.76 -23.14	37.38 1.33 -15.28	44.76 2.36 -11.34	44.09 2.51 -6.73	38.47 1.74 -9.96	34.00 1.09 -11.86	32.33 1.00 -10.08	34.61 0.99 -12.50	38.12 0.95 -16.96	38.48 1.10 -13.98	39.68 1.26 -12.21	49.43 0.57 -20.20	51.72 0.99 -15.28	53.64 1.28 -12.44	65.37 1.97 -11.44	71.49 2.76 -5.83	72.32 2.85 0.00	58.67 2.58 0.00	46.06 1.81 0.00	38.45 2.48 0.00
UPPER RAQUET___HYD 24056	12.15 -0.67 -0.44	12.25 -0.74 -0.37	10.39 -0.58 -0.42	11.05 -0.62 -0.40	11.84 -0.55 -0.40	20.08 -0.96 -0.26	29.80 -1.46 -0.20	33.26 -1.71 -0.12	25.45 -1.50 -0.17	20.01 -1.24 -0.21	20.33 -1.11 -0.18	20.26 -1.08 -0.22	19.40 -1.11 -0.30	22.37 -1.29 -0.25	24.96 -1.47 -0.22	27.42 -1.60 -0.36	33.77 -1.95 -0.27	38.24 -1.92 -0.24	50.69 -1.92 -0.65	61.02 -2.64 -0.76	67.63 -2.43 -0.59	54.87 -1.51 -0.29	43.21 -1.10 -0.07	35.11 -0.86 0.00
VALLEY44_115KV_TB2 355964	13.27 -0.61 -1.49	13.21 -0.68 -1.27	11.49 -0.51 -1.44	12.12 -0.53 -1.38	12.83 -0.54 -1.38	20.56 -1.12 -0.90	30.08 -1.68 -0.69	33.29 -1.95 -0.39	26.15 -1.20 -0.58	20.78 -0.97 -0.70	20.76 -1.08 -0.59	20.67 -1.18 -0.74	20.79 -1.09 -1.67	23.02 -1.22 -0.82	25.60 -1.34 -0.72	28.73 -1.12 -1.18	34.03 -1.35 0.07	38.68 -1.16 0.08	50.09 -1.77 0.10	59.98 -3.14 -0.23	64.61 -4.86 0.00	53.49 -2.58 0.02	41.83 -2.39 0.02	33.71 -2.27 0.00
VALLEY___115KV_TB 1-4 80826	12.24 -0.15 0.00	12.45 -0.16 0.00	10.43 -0.13 0.00	11.15 -0.12 0.00	11.87 -0.12 0.00	20.61 -0.17 0.00	30.85 -0.22 0.00	34.57 -0.28 0.00	26.48 -0.29 0.00	20.79 -0.25 0.00	20.94 -0.32 0.00	20.76 -0.36 0.00	19.73 -0.49 0.00	22.82 -0.59 0.00	25.61 -0.60 0.00	28.03 -0.63 0.00	34.74 -0.71 0.00	39.24 -0.68 0.00	51.28 -0.68 0.00	62.08 -0.82 0.00	68.78 -0.69 0.00	55.70 -0.39 0.00	44.11 -0.13 0.00	35.79 -0.18 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	23.51 0.67 -10.46	22.25 0.68 -8.96	21.14 0.58 -10.00	21.52 0.63 -9.62	22.24 0.66 -9.59	28.25 1.14 -6.34	38.44 2.64 -4.74	39.45 3.07 -1.54	31.03 1.98 -2.27	25.16 1.39 -2.72	24.78 1.21 -2.31	25.28 1.29 -2.87	25.10 1.21 -3.67	28.28 1.66 -3.21	30.88 1.86 -2.80	35.51 2.21 -4.64	43.33 2.98 -4.90	47.99 4.03 -4.04	59.25 3.43 -3.87	69.20 3.96 -2.35	74.54 4.31 -0.76	60.06 3.59 -0.38	47.18 2.83 -0.10	38.02 2.05 0.00
VISCHER___FERRY HYD 24020	37.81 0.58 -24.84	34.50 0.61 -21.28	34.83 0.50 -23.77	34.66 0.53 -22.86	35.35 0.55 -22.80	36.81 0.98 -15.05	43.86 1.58 -11.21	43.20 1.71 -6.65	37.93 1.31 -9.84	33.68 0.92 -11.71	32.10 0.89 -9.95	34.37 0.91 -12.34	37.81 0.85 -16.75	38.14 0.94 -13.80	39.29 1.02 -12.05	49.63 1.03 -19.94	51.99 1.45 -15.08	53.96 1.75 -12.29	65.62 2.39 -11.27	71.66 3.02 -5.74	72.53 3.05 0.00	58.62 2.53 0.00	46.14 1.90 0.00	37.77 1.80 0.00
V_A_10_SYNC_DSASP 323832	12.97 -0.92 -1.50	13.14 -0.76 -1.28	11.29 -0.71 -1.45	11.89 -0.77 -1.39	12.41 -0.97 -1.39	20.17 -1.52 -0.91	29.37 -2.39 -0.69	32.56 -2.68 -0.40	25.35 -2.01 -0.59	20.25 -1.49 -0.69	20.27 -1.57 -0.59	20.29 -1.56 -0.73	20.18 -1.43 -1.41	22.45 -1.78 -0.82	24.81 -2.12 -0.71	27.32 -2.52 -1.18	32.12 -3.51 -0.18	36.21 -3.83 -0.13	46.76 -5.30 -0.11	57.48 -5.66 -0.25	64.33 -5.14 0.00	51.03 -5.05 0.01	40.65 -3.58 0.01	33.63 -2.34 0.00
V_CMM_10_SYNC_DSASP 323787	12.08 -0.31 0.00	12.26 -0.35 0.00	10.29 -0.26 0.00	10.99 -0.28 0.00	11.74 -0.25 0.00	20.32 -0.46 0.00	30.35 -0.71 0.00	34.01 -0.84 0.00	26.08 -0.70 0.00	20.48 -0.57 0.00	20.77 -0.49 0.00	20.63 -0.49 0.00	19.71 -0.51 0.00	22.82 -0.59 0.00	25.59 -0.63 0.00	27.98 -0.69 0.00	34.74 -0.71 0.00	39.16 -0.76 0.00	51.18 -0.78 0.00	61.32 -1.57 0.00	68.01 -1.46 0.00	55.25 -0.84 0.00	43.62 -0.62 0.00	35.51 -0.47 0.00
V_CMP_10_SYNC_DSASP 323788	12.11 -0.27 0.00	12.28 -0.34 0.00	10.30 -0.25 0.00	11.01 -0.26 0.00	11.77 -0.23 0.00	20.38 -0.39 0.00	30.47 -0.59 0.00	34.15 -0.70 0.00	26.18 -0.59 0.00	20.56 -0.48 0.00	20.83 -0.43 0.00	20.68 -0.44 0.00	19.71 -0.51 0.00	22.87 -0.54 0.00	25.67 -0.55 0.00	28.06 -0.60 0.00	34.88 -0.57 0.00	39.44 -0.48 0.00	51.59 -0.36 0.00	62.20 -0.69 0.00	68.99 -0.49 0.00	55.76 -0.34 0.00	43.98 -0.27 0.00	35.76 -0.22 0.00



V_D_10_SYNC_DSASP 323841	12.09 -0.30 0.00	12.26 -0.35 0.00	10.29 -0.26 0.00	10.99 -0.28 0.00	11.75 -0.24 0.00	20.36 -0.42 0.00	30.41 -0.65 0.00	34.08 -0.77 0.00	26.08 -0.70 0.00	20.46 -0.59 0.00	20.77 -0.49 0.00	20.65 -0.46 0.00	19.71 -0.51 0.00	22.82 -0.59 0.00	25.59 -0.63 0.00	27.98 -0.69 0.00	34.78 -0.67 0.00	39.28 -0.64 0.00	51.38 -0.57 0.00	61.83 -1.07 0.00	68.64 -0.83 0.00	55.59 -0.50 0.00	43.89 -0.35 0.00	35.72 -0.25 0.00
V_E_10_SYNC_DSASP 323830	20.21 0.47 -7.35	19.36 0.44 -6.30	17.96 0.37 -7.03	18.44 0.41 -6.76	19.19 0.46 -6.74	26.04 0.81 -4.45	36.14 1.74 -3.33	38.68 1.92 -1.91	30.72 1.12 -2.83	25.06 0.63 -3.38	24.58 0.45 -2.87	25.19 0.51 -3.56	25.34 0.44 -4.69	28.10 0.70 -3.98	30.59 0.89 -3.48	35.60 1.18 -5.76	42.24 1.95 -4.84	46.90 2.99 -3.99	59.78 3.43 -4.39	69.97 4.15 -2.92	75.55 5.00 -1.08	61.05 4.43 -0.53	47.83 3.45 -0.14	38.24 2.27 0.00
V_F_30_NSYNC___DSASP 323816	38.24 0.69 -25.16	34.90 0.73 -21.55	35.23 0.60 -24.07	35.04 0.62 -23.15	35.74 0.66 -23.09	37.18 1.16 -15.25	44.57 2.08 -11.42	43.78 2.23 -6.70	38.30 1.61 -9.92	33.90 1.05 -11.80	32.26 0.98 -10.03	34.52 0.97 -12.43	38.01 0.93 -16.87	38.36 1.05 -13.90	39.54 1.18 -12.14	50.06 1.29 -20.11	52.47 1.81 -15.21	54.63 2.32 -12.39	66.54 3.27 -11.32	72.87 4.21 -5.76	73.92 4.45 0.00	59.74 3.65 0.00	46.94 2.70 0.00	38.24 2.27 0.00
V_F_30_SYNC_DSASP 323786	37.50 0.41 -24.71	34.22 0.44 -21.16	34.55 0.35 -23.64	34.38 0.37 -22.74	35.05 0.38 -22.68	36.43 0.69 -14.97	43.31 1.03 -11.22	42.58 1.12 -6.62	37.46 0.88 -9.80	33.40 0.69 -11.66	31.84 0.68 -9.91	34.08 0.68 -12.28	37.51 0.63 -16.67	37.84 0.70 -13.73	39.00 0.79 -11.99	49.40 0.89 -19.85	51.60 1.13 -15.02	53.82 1.40 -12.50	64.99 1.87 -11.17	70.91 2.33 -5.69	71.77 2.29 0.00	57.94 1.85 0.00	45.66 1.42 0.00	37.16 1.19 0.00
V_XM_10_SYNC_DSASP 323789	12.11 -0.27 0.00	12.28 -0.34 0.00	10.30 -0.25 0.00	11.01 -0.26 0.00	11.77 -0.23 0.00	20.38 -0.39 0.00	30.47 -0.59 0.00	34.15 -0.70 0.00	26.18 -0.59 0.00	20.56 -0.48 0.00	20.83 -0.43 0.00	20.68 -0.44 0.00	19.71 -0.51 0.00	22.87 -0.54 0.00	25.67 -0.55 0.00	28.06 -0.60 0.00	34.88 -0.57 0.00	39.44 -0.48 0.00	51.59 -0.36 0.00	62.20 -0.69 0.00	68.99 -0.49 0.00	55.76 -0.34 0.00	43.98 -0.27 0.00	35.76 -0.22 0.00
W.BABYLN_69_KV_BK1 56697	49.36 1.33 -35.65	42.51 1.34 -28.56	44.86 1.08 -33.23	32.09 1.08 -19.73	32.86 1.19 -19.68	36.06 2.29 -13.00	44.38 3.57 -9.74	44.79 4.18 -5.76	38.47 3.19 -8.51	33.64 2.46 -10.13	32.53 2.66 -8.61	34.35 2.56 -10.68	37.33 2.63 -14.49	38.46 3.11 -11.94	40.18 3.54 -10.43	49.53 3.61 -17.25	52.93 3.97 -13.51	55.18 4.27 -10.99	62.09 5.35 -4.78	71.70 6.48 -2.32	69.22 6.67 6.92	61.48 5.38 0.00	49.52 5.26 -0.01	40.01 4.03 -0.01
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	34.43 0.95 -21.09	31.62 0.95 -18.06	31.51 0.77 -20.18	31.51 0.83 -19.41	32.22 0.88 -19.35	35.13 1.58 -12.78	43.12 2.49 -9.57	43.43 2.93 -5.65	37.47 2.33 -8.37	32.94 1.94 -9.96	31.77 2.06 -8.46	33.61 2.01 -10.49	36.43 1.98 -14.23	37.52 2.39 -11.73	39.13 2.67 -10.24	48.60 2.98 -16.95	52.44 3.69 -13.30	54.95 4.19 -10.84	67.10 5.25 -9.90	74.16 6.29 -4.97	75.93 6.46 0.00	61.14 5.05 0.00	48.09 3.85 0.00	38.85 2.88 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	34.88 1.05 -21.45	32.04 1.06 -18.37	31.93 0.86 -20.52	31.93 0.92 -19.73	32.66 0.98 -19.68	35.52 1.75 -12.99	43.50 2.70 -9.73	43.84 3.24 -5.75	37.93 2.65 -8.51	33.43 2.25 -10.13	32.27 2.40 -8.61	34.14 2.34 -10.68	37.01 2.30 -14.49	38.11 2.76 -11.94	39.74 3.09 -10.43	49.33 3.41 -17.25	53.18 4.22 -13.51	55.67 4.75 -11.01	67.93 5.92 -10.05	74.93 6.98 -5.05	76.63 7.16 0.00	61.70 5.61 0.00	48.49 4.25 0.00	39.14 3.17 0.00
W50THST__13_KV_LOAD 356117	34.92 1.09 -21.45	32.08 1.10 -18.37	31.96 0.89 -20.52	31.96 0.96 -19.73	32.69 1.02 -19.68	35.60 1.83 -12.99	43.63 2.83 -9.73	43.98 3.38 -5.75	38.07 2.78 -8.51	33.53 2.36 -10.13	32.38 2.51 -8.61	34.25 2.45 -10.68	37.11 2.41 -14.49	38.25 2.90 -11.94	39.87 3.22 -10.43	49.47 3.55 -17.25	53.40 4.43 -13.51	55.87 4.95 -11.01	68.14 6.13 -10.05	75.18 7.23 -5.05	76.91 7.43 0.00	61.93 5.83 0.00	48.67 4.42 0.00	39.28 3.31 0.00
WADING RIVER_IC_1 23522	49.25 1.21 -35.65	42.40 1.22 -28.56	44.79 1.00 -33.23	32.02 1.01 -19.73	32.80 1.13 -19.68	35.97 2.20 -13.00	44.15 3.39 -9.70	44.65 4.04 -5.76	38.34 3.05 -8.51	33.52 2.34 -10.14	32.37 2.51 -8.61	34.20 2.41 -10.68	37.21 2.51 -14.49	38.34 3.00 -11.94	40.05 3.41 -10.43	49.38 3.47 -17.25	52.86 3.90 -13.51	55.22 4.31 -10.99	60.96 5.14 -3.86	71.16 6.42 -1.85	67.61 6.32 8.19	61.64 5.55 0.00	49.42 5.17 -0.01	39.83 3.85 -0.01
WADING RIVER_IC_2 23547	49.25 1.21 -35.65	42.40 1.22 -28.56	44.79 1.00 -33.23	32.02 1.01 -19.73	32.80 1.13 -19.68	35.97 2.20 -13.00	44.15 3.39 -9.70	44.65 4.04 -5.76	38.34 3.05 -8.51	33.52 2.34 -10.14	32.37 2.51 -8.61	34.20 2.41 -10.68	37.21 2.51 -14.49	38.34 3.00 -11.94	40.05 3.41 -10.43	49.38 3.47 -17.25	52.86 3.90 -13.51	55.22 4.31 -10.99	60.96 5.14 -3.86	71.16 6.42 -1.85	67.61 6.32 8.19	61.64 5.55 0.00	49.42 5.17 -0.01	39.83 3.85 -0.01
WADING RIVER_IC_3 23601	49.25 1.21 -35.65	42.40 1.22 -28.56	44.79 1.00 -33.23	32.02 1.01 -19.73	32.80 1.13 -19.68	35.97 2.20 -13.00	44.15 3.39 -9.70	44.65 4.04 -5.76	38.34 3.05 -8.51	33.52 2.34 -10.14	32.37 2.51 -8.61	34.20 2.41 -10.68	37.21 2.51 -14.49	38.34 3.00 -11.94	40.05 3.41 -10.43	49.38 3.47 -17.25	52.86 3.90 -13.51	55.22 4.31 -10.99	60.96 5.14 -3.86	71.16 6.42 -1.85	67.61 6.32 8.19	61.64 5.55 0.00	49.42 5.17 -0.01	39.83 3.85 -0.01
WALDENNY_12_KV_BK2 80841	12.91 -0.97 -1.49	13.01 -0.88 -1.27	11.24 -0.75 -1.44	11.85 -0.80 -1.38	12.41 -0.96 -1.38	20.00 -1.68 -0.90	29.02 -2.73 -0.69	32.24 -3.00 -0.39	25.24 -2.11 -0.59	20.07 -1.66 -0.68	20.05 -1.79 -0.58	20.07 -1.77 -0.72	20.10 -1.66 -1.55	22.25 -1.97 -0.81	24.64 -2.28 -0.70	27.42 -2.41 -1.16	32.43 -3.01 0.00	36.62 -3.27 0.03	47.30 -4.62 0.03	57.66 -5.47 -0.24	63.64 -5.84 0.00	51.36 -4.71 0.02	40.82 -3.41 0.02	33.46 -2.52 0.00
WALDEN___HYDRO 24148	35.21 0.98 -21.84	32.30 0.97 -18.71	32.25 0.79 -20.90	32.22 0.85 -20.10	32.93 0.89 -20.05	35.63 1.62 -13.24	43.43 2.45 -9.91	43.58 2.89 -5.83	37.63 2.22 -8.64	33.11 1.79 -10.28	31.86 1.87 -8.73	33.78 1.84 -10.83	36.72 1.82 -14.69	37.69 2.18 -12.10	39.25 2.46 -10.57	48.97 2.81 -17.50	52.68 3.55 -13.68	55.30 4.23 -11.15	67.53 5.40 -10.18	74.68 6.67 -5.12	76.35 6.88 0.00	61.53 5.44 0.00	48.31 4.07 0.00	38.99 3.02 0.00
WARRENSBURG____ 23737	38.39 0.79 -25.21	35.04 0.83 -21.59	35.36 0.68 -24.12	35.17 0.70 -23.20	35.89 0.76 -23.14	37.38 1.33 -15.28	44.87 2.36 -11.44	44.08 2.51 -6.73	38.47 1.74 -9.96	33.99 1.09 -11.85	32.32 1.00 -10.06	34.59 0.99 -12.48	38.10 0.95 -16.94	38.46 1.10 -13.95	39.66 1.26 -12.19	50.12 1.26 -20.20	52.54 1.81 -15.28	54.72 2.36 -12.45	66.70 3.38 -11.37	73.15 4.47 -5.79	74.20 4.72 0.00	60.19 4.09 0.00	47.21 2.96 0.00	38.42 2.45 0.00

WATERSIDE___6 8 9 23538	34.90 1.07 -21.45	32.08 1.09 -18.37	31.96 0.88 -20.53	31.96 0.95 -19.74	32.67 1.00 -19.68	35.54 1.77 -13.00	43.41 2.61 -9.73	43.77 3.17 -5.75	37.91 2.62 -8.51	33.43 2.25 -10.13	32.25 2.38 -8.61	34.12 2.32 -10.68	36.98 2.28 -14.49	38.09 2.74 -11.94	39.68 3.04 -10.43	49.30 3.38 -17.25	53.15 4.18 -13.51	55.63 4.71 -11.00	67.82 5.82 -10.05	74.80 6.86 -5.05	76.42 6.95 0.00	61.64 5.55 0.00	48.49 4.25 0.00	39.14 3.17 0.00
WATKINRD_115KV_LN8_ILLION 55919	12.13 -0.26 0.00	12.34 -0.28 0.00	10.32 -0.23 0.00	11.03 -0.24 0.00	11.77 -0.23 0.00	20.44 -0.33 0.00	30.60 -0.47 0.00	34.29 -0.56 0.00	26.21 -0.56 0.00	20.58 -0.46 0.00	20.70 -0.55 0.00	20.51 -0.61 0.00	19.40 -0.81 0.00	22.45 -0.96 0.00	25.19 -1.02 0.00	27.57 -1.09 0.00	34.21 -1.24 0.00	38.68 -1.24 0.00	50.66 -1.30 0.00	61.39 -1.51 0.00	68.01 -1.46 0.00	55.14 -0.95 0.00	43.75 -0.49 0.00	35.54 -0.43 0.00
WDELAWARE___HYD 323627	34.28 0.94 -20.95	31.50 0.93 -17.95	31.38 0.77 -20.05	31.37 0.82 -19.28	32.09 0.86 -19.23	35.05 1.58 -12.70	42.72 2.45 -9.20	43.20 2.89 -5.46	37.02 2.17 -8.08	32.39 1.73 -9.61	31.23 1.81 -8.17	33.02 1.77 -10.13	35.61 1.74 -13.66	36.86 2.13 -11.32	38.49 2.39 -9.89	47.81 2.78 -16.37	51.87 3.62 -12.80	54.66 4.31 -10.43	67.22 5.45 -9.81	74.49 6.66 -4.93	76.42 6.95 0.00	61.53 5.44 0.00	48.36 4.12 0.00	38.92 2.95 0.00
WEST BABYLON___IC 23714	49.36 1.33 -35.65	42.51 1.34 -28.56	44.86 1.08 -33.23	32.09 1.08 -19.73	32.86 1.19 -19.68	36.06 2.29 -13.00	44.38 3.57 -9.74	44.79 4.18 -5.76	38.47 3.19 -8.51	33.64 2.46 -10.13	32.53 2.66 -8.61	34.35 2.56 -10.68	37.33 2.63 -14.49	38.46 3.11 -11.94	40.18 3.54 -10.43	49.53 3.61 -17.25	52.93 3.97 -13.51	55.18 4.27 -10.99	62.09 5.35 -4.78	71.70 6.48 -2.32	69.22 6.67 6.92	61.48 5.38 0.00	49.52 5.26 -0.01	40.01 4.03 -0.01
WEST CANADA___HYD 24049	12.46 0.07 0.00	12.69 0.08 0.00	10.62 0.06 0.00	11.34 0.07 0.00	12.05 0.06 0.00	20.88 0.10 0.00	31.22 0.16 0.00	35.06 0.21 0.00	26.91 0.13 0.00	21.15 0.11 0.00	21.36 0.11 0.00	21.23 0.11 0.00	20.31 0.10 0.00	23.53 0.12 0.00	26.35 0.13 0.00	28.81 0.14 0.00	35.66 0.21 0.00	40.16 0.24 0.00	52.27 0.31 0.00	63.28 0.38 0.00	69.89 0.42 0.00	56.43 0.34 0.00	44.51 0.27 0.00	36.15 0.18 0.00
WESTERN_NY_WIND 24143	13.10 -0.79 -1.51	13.24 -0.67 -1.29	11.42 -0.59 -1.45	12.06 -0.61 -1.40	12.57 -0.82 -1.39	20.34 -1.35 -0.92	29.50 -2.27 -0.70	32.77 -2.47 -0.40	25.55 -1.82 -0.60	20.29 -1.45 -0.70	20.29 -1.55 -0.59	20.27 -1.58 -0.73	20.16 -1.50 -1.45	22.50 -1.73 -0.82	24.89 -2.04 -0.72	27.56 -2.29 -1.18	32.86 -2.73 -0.14	36.89 -3.11 -0.09	47.67 -4.36 -0.08	58.30 -4.84 -0.25	65.03 -4.45 0.00	52.04 -4.04 0.01	41.26 -2.96 0.01	33.85 -2.12 0.00
WESTOVER___LESR 323668	21.66 0.17 -9.10	20.59 0.18 -7.80	19.40 0.15 -8.69	19.79 0.16 -8.36	20.50 0.17 -8.34	26.58 0.29 -5.51	35.70 0.53 -4.11	37.82 0.59 -2.38	30.77 0.48 -3.51	25.61 0.36 -4.21	25.17 0.34 -3.58	25.87 0.32 -4.43	25.49 0.34 -4.94	28.78 0.42 -4.95	30.99 0.45 -4.33	36.35 0.52 -7.17	43.91 0.64 -7.82	47.20 0.84 -6.44	59.53 0.94 -6.64	67.67 1.13 -3.64	71.62 1.11 -1.03	57.57 0.95 -0.53	45.10 0.71 -0.15	36.44 0.47 0.00
WETHRSFD_WT_PWR 323626	12.76 -1.10 -1.48	12.83 -1.05 -1.26	11.09 -0.90 -1.43	11.68 -0.96 -1.37	12.27 -1.09 -1.37	19.80 -1.87 -0.90	28.83 -2.89 -0.66	31.60 -3.63 -0.38	24.66 -2.68 -0.56	19.62 -2.10 -0.68	19.56 -2.27 -0.57	19.49 -2.34 -0.72	4.00 -2.20 14.01	21.66 -2.55 -0.80	24.11 -2.80 -0.70	27.21 -2.64 -1.19	32.17 -3.05 0.23	36.76 -2.95 0.21	47.77 -4.00 0.19	58.59 -4.53 -0.22	64.61 -4.86 0.00	52.20 -3.87 0.02	41.30 -2.92 0.02	33.67 -2.30 0.00
WHAVSTOR_138KV_BK127 55557	34.41 0.92 -21.11	31.61 0.92 -18.08	31.50 0.75 -20.20	31.49 0.80 -19.42	32.21 0.85 -19.37	35.10 1.54 -12.79	43.04 2.39 -9.58	43.33 2.82 -5.66	37.39 2.25 -8.37	32.90 1.89 -9.96	31.72 2.00 -8.46	33.58 1.96 -10.50	36.40 1.94 -14.25	37.46 2.32 -11.74	39.06 2.60 -10.25	48.49 2.87 -16.96	52.30 3.55 -13.31	54.80 4.03 -10.85	66.90 5.04 -9.91	73.91 6.04 -4.98	75.66 6.18 0.00	60.92 4.82 0.00	47.96 3.72 0.00	38.71 2.73 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	34.41 0.92 -21.11	31.61 0.92 -18.08	31.50 0.75 -20.20	31.49 0.80 -19.42	32.21 0.85 -19.37	35.10 1.54 -12.79	43.04 2.39 -9.58	43.33 2.82 -5.66	37.39 2.25 -8.37	32.90 1.89 -9.96	31.72 2.00 -8.46	33.58 1.96 -10.50	36.40 1.94 -14.25	37.46 2.32 -11.74	39.06 2.60 -10.25	48.49 2.87 -16.96	52.30 3.55 -13.31	54.80 4.03 -10.85	66.90 5.04 -9.91	73.91 6.04 -4.98	75.66 6.18 0.00	60.92 4.82 0.00	47.96 3.72 0.00	38.71 2.73 0.00
WHITEHAL_115KV_TB1 80871	38.55 0.98 -25.19	35.21 1.02 -21.57	35.49 0.83 -24.10	35.30 0.86 -23.17	36.03 0.92 -23.11	37.68 1.64 -15.26	45.35 2.86 -11.43	44.57 3.00 -6.72	38.73 2.01 -9.95	34.12 1.24 -11.84	32.44 1.13 -10.06	34.71 1.12 -12.47	38.21 1.07 -16.92	38.59 1.24 -13.94	39.81 1.42 -12.18	50.36 1.52 -20.18	52.95 2.23 -15.27	55.31 2.95 -12.43	67.73 4.42 -11.35	74.59 5.91 -5.78	75.86 6.39 0.00	61.42 5.33 0.00	48.00 3.76 0.00	39.03 3.06 0.00
WHITEPLN_13_KV_LOAD 356215	34.85 1.04 -21.43	32.03 1.06 -18.35	31.92 0.86 -20.50	31.91 0.92 -19.72	32.63 0.97 -19.66	35.50 1.75 -12.98	43.52 2.73 -9.73	43.83 3.24 -5.74	37.87 2.60 -8.50	33.33 2.17 -10.12	32.15 2.30 -8.60	34.02 2.24 -10.66	36.92 2.24 -14.47	38.02 2.69 -11.92	39.64 3.01 -10.41	49.22 3.33 -17.23	53.09 4.15 -13.49	55.63 4.71 -11.00	67.92 5.92 -10.04	74.93 6.98 -5.05	76.63 7.16 0.00	61.81 5.72 0.00	48.53 4.29 0.00	39.14 3.17 0.00
WM_FLOYD_69_KV_BK2 356380	49.27 1.23 -35.65	42.41 1.24 -28.56	44.81 1.02 -33.23	32.04 1.04 -19.73	32.82 1.14 -19.68	35.99 2.22 -13.00	44.23 3.42 -9.74	44.69 4.08 -5.76	38.36 3.08 -8.51	33.53 2.36 -10.13	32.40 2.53 -8.61	34.23 2.43 -10.68	37.21 2.51 -14.49	38.34 3.00 -11.94	40.08 3.43 -10.43	49.30 3.38 -17.25	52.65 3.69 -13.51	54.90 3.99 -10.98	60.78 4.99 -3.84	70.83 6.10 -1.84	67.56 6.25 8.16	61.20 5.10 0.00	49.34 5.09 -0.01	39.83 3.85 -0.01
WOODARD__115KV_TB2 355635	14.44 -0.04 -2.10	14.37 -0.04 -1.79	12.52 -0.04 -2.00	13.14 -0.06 -1.93	13.86 -0.06 -1.92	21.96 -0.08 -1.27	31.92 -0.09 -0.95	35.30 -0.10 -0.56	27.57 -0.03 -0.83	22.00 -0.04 -1.00	22.06 -0.04 -0.85	22.13 -0.04 -1.05	21.62 -0.02 -1.43	24.56 -0.02 -1.18	27.22 -0.03 -1.03	30.34 -0.03 -1.70	36.05 -0.18 -0.78	40.37 -0.24 -0.70	53.86 -0.47 -2.37	65.45 -0.44 -3.00	71.44 -0.42 -2.38	56.80 -0.45 -1.16	44.19 -0.35 -0.30	35.61 -0.36 0.00
YORK___WARBASSE 23770	34.98 1.14 -21.45	32.15 1.16 -18.37	32.02 0.93 -20.53	32.02 1.00 -19.74	32.74 1.07 -19.68	35.64 1.87 -13.00	43.56 2.76 -9.73	43.94 3.35 -5.75	38.02 2.73 -8.51	33.51 2.34 -10.13	32.36 2.49 -8.61	34.23 2.43 -10.68	37.09 2.38 -14.49	38.24 2.88 -11.95	39.88 3.22 -10.44	49.48 3.55 -17.26	53.40 4.43 -13.52	55.88 4.95 -11.01	68.20 6.18 -10.06	75.25 7.30 -5.06	76.91 7.43 -0.01	62.05 5.95 -0.01	48.76 4.51 -0.01	39.40 3.42 -0.01