

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/22/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	22.74	21.07	20.01	19.14	18.95	19.06	20.06	22.84	24.45	26.45	27.34	27.83	28.90	28.81	29.09	30.12	32.64	39.11	51.89	45.40	34.99	32.68	27.69	22.70
24138	0.39	0.42	0.42	0.36	0.35	0.48	0.83	0.52	0.42	0.87	0.99	0.98	0.98	0.95	0.84	0.60	0.81	1.31	1.71	1.89	2.03	2.03	1.98	1.58
	-17.25	-14.99	-13.57	-13.68	-13.51	-12.16	-7.59	-15.28	-18.42	-13.95	-12.54	-13.25	-14.39	-14.69	-16.76	-21.23	-20.24	-19.79	-26.69	-17.20	-3.90	-3.29	-0.28	0.00
74TH STREET_GT_1	22.74	21.06	20.01	19.14	18.95	19.04	20.05	22.83	24.44	26.43	27.33	27.80	28.89	28.79	29.06	30.11	32.63	39.10	51.84	45.37	34.96	32.66	27.67	22.68
24260	0.38	0.42	0.41	0.35	0.35	0.46	0.82	0.51	0.41	0.85	0.98	0.95	0.96	0.92	0.82	0.59	0.80	1.30	1.67	1.87	2.00	2.00	1.96	1.56
	-17.25	-14.99	-13.57	-13.68	-13.51	-12.16	-7.59	-15.28	-18.42	-13.95	-12.54	-13.25	-14.39	-14.69	-16.76	-21.23	-20.24	-19.79	-26.69	-17.20	-3.90	-3.29	-0.28	0.00
74TH STREET_GT_2	22.74	21.06	20.01	19.14	18.95	19.04	20.05	22.83	24.44	26.43	27.33	27.80	28.89	28.79	29.06	30.11	32.63	39.10	51.84	45.37	34.96	32.66	27.67	22.68
24261	0.38	0.42	0.41	0.35	0.35	0.46	0.82	0.51	0.41	0.85	0.98	0.95	0.96	0.92	0.82	0.59	0.80	1.30	1.67	1.87	2.00	2.00	1.96	1.56
	-17.25	-14.99	-13.57	-13.68	-13.51	-12.16	-7.59	-15.28	-18.42	-13.95	-12.54	-13.25	-14.39	-14.69	-16.76	-21.23	-20.24	-19.79	-26.69	-17.20	-3.90	-3.29	-0.28	0.00
ADK HUDSON___FALLS	26.81	24.59	23.26	22.40	22.18	21.92	21.88	26.48	28.86	29.59	29.77	30.36	31.47	31.47	32.13	34.01	36.10	41.83	55.08	46.96	34.48	32.01	26.62	22.27
24011	0.32	0.35	0.41	0.34	0.34	0.43	0.83	0.50	0.42	0.86	1.04	1.02	0.99	0.98	0.75	0.51	0.76	1.26	1.69	1.95	2.00	1.75	1.45	1.16
	-21.39	-18.58	-16.82	-16.96	-16.75	-15.07	-9.40	-18.94	-22.83	-17.11	-14.92	-15.74	-16.94	-17.32	-19.90	-25.20	-23.74	-22.56	-29.90	-18.71	-3.42	-2.89	0.25	0.00
ADK RESOURCE___RCVRY	26.83	24.62	23.29	22.44	22.21	21.96	21.94	26.53	28.90	29.68	29.86	30.45	31.55	31.55	32.20	34.05	36.15	41.93	55.22	47.16	34.66	32.15	26.73	22.34
23798	0.34	0.38	0.44	0.37	0.37	0.46	0.88	0.54	0.45	0.94	1.12	1.10	1.06	1.04	0.80	0.55	0.81	1.35	1.81	2.13	2.18	1.89	1.55	1.22
	-21.39	-18.58	-16.83	-16.97	-16.75	-15.08	-9.41	-18.94	-22.84	-17.11	-14.93	-15.74	-16.95	-17.33	-19.91	-25.21	-23.76	-22.58	-29.92	-18.73	-3.43	-2.90	0.25	0.00
ADK S GLENS___FALLS	26.81	24.59	23.26	22.40	22.18	21.92	21.88	26.48	28.86	29.59	29.77	30.36	31.47	31.47	32.13	34.01	36.10	41.83	55.08	46.96	34.48	32.01	26.62	22.27
24028	0.32	0.35	0.41	0.34	0.34	0.43	0.83	0.50	0.42	0.86	1.04	1.02	0.99	0.98	0.75	0.51	0.76	1.26	1.69	1.95	2.00	1.75	1.45	1.16
	-21.39	-18.58	-16.82	-16.96	-16.75	-15.07	-9.40	-18.94	-22.83	-17.11	-14.92	-15.74	-16.94	-17.32	-19.90	-25.20	-23.74	-22.56	-29.90	-18.71	-3.42	-2.89	0.25	0.00
ADK_NYS___DAM	25.97	23.84	22.53	21.69	21.47	21.26	21.29	25.64	27.90	28.51	28.32	28.82	29.76	29.74	30.48	32.03	33.92	39.07	50.88	43.53	32.64	30.53	25.93	22.13
23527	0.23	0.26	0.27	0.22	0.22	0.30	0.57	0.33	0.26	0.55	0.65	0.64	0.65	0.62	0.56	0.40	0.59	1.01	1.31	1.45	1.51	1.40	1.27	1.01
	-20.63	-17.92	-16.23	-16.36	-16.16	-14.54	-9.07	-18.27	-22.03	-16.34	-13.86	-14.58	-15.57	-15.95	-18.44	-23.34	-21.74	-20.05	-26.08	-15.78	-2.08	-1.76	0.77	0.00
AIR_PRODUCTS___DRP	26.16	24.00	22.66	21.84	21.62	21.37	21.27	25.79	28.10	28.75	28.88	29.45	30.57	30.57	31.33	33.18	35.18	40.74	53.59	45.61	33.54	31.25	26.14	21.89
24190	0.19	0.21	0.22	0.18	0.19	0.24	0.44	0.27	0.21	0.43	0.51	0.50	0.51	0.50	0.44	0.31	0.44	0.74	0.96	1.08	1.16	1.07	0.97	0.78
	-20.87	-18.13	-16.42	-16.55	-16.34	-14.71	-9.18	-18.48	-22.28	-16.69	-14.56	-15.35	-16.52	-16.89	-19.41	-24.58	-23.15	-21.99	-29.14	-18.23	-3.32	-2.81	0.26	0.00
AKWESSNE_115KV_BK	4.95	5.49	5.87	4.95	4.95	6.22	5.98	3.03	3.03	3.79	11.01	5.05	4.85	5.58	7.53	8.04	11.02	10.86	22.80	25.51	28.30	26.69	24.84	20.61
355683	-0.15	-0.16	-0.16	-0.15	-0.14	-0.20	-0.36	-0.22	-0.17	-0.35	-0.41	-0.41	-0.42	-0.41	-0.36	-0.25	-0.37	-0.58	-0.68	-0.79	-0.76	-0.68	-0.58	-0.51
	0.00	0.00	0.00	0.00	0.00	0.00	5.31	3.80	2.42	7.49	2.39	8.14	8.27	7.19	3.60	0.00	0.20	6.57	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	26.16	24.00	22.66	21.84	21.62	21.37	21.27	25.79	28.10	28.75	28.88	29.45	30.57	30.57	31.33	33.18	35.18	40.74	53.59	45.61	33.54	31.25	26.14	21.89
23571	0.19	0.21	0.22	0.18	0.19	0.24	0.44	0.27	0.21	0.43	0.51	0.50	0.51	0.50	0.44	0.31	0.44	0.74	0.96	1.08	1.16	1.07	0.97	0.78
	-20.87	-18.13	-16.42	-16.55	-16.34	-14.71	-9.18	-18.48	-22.28	-16.69	-14.56	-15.35	-16.52	-16.89	-19.41	-24.58	-23.15	-21.99	-29.14	-18.23	-3.32	-2.81	0.26	0.00
ALBANY___2	26.16	24.00	22.66	21.84	21.62	21.37	21.27	25.79	28.10	28.75	28.88	29.45	30.57	30.57	31.33	33.18	35.18	40.74	53.59	45.61	33.54	31.25	26.14	21.89
23572	0.19	0.21	0.22	0.18	0.19	0.24	0.44	0.27	0.21	0.43	0.51	0.50	0.51	0.50	0.44	0.31	0.44	0.74	0.96	1.08	1.16	1.07	0.97	0.78
	-20.87	-18.13	-16.42	-16.55	-16.34	-14.71	-9.18	-18.48	-22.28	-16.69	-14.56	-15.35	-16.52	-16.89	-19.41	-24.58	-23.15	-21.99	-29.14	-18.23	-3.32	-2.81	0.26	0.00
ALBANY___3	26.16	24.00	22.66	21.84	21.62	21.37	21.27	25.79	28.10	28.75	28.88	29.45	30.57	30.57	31.33	33.18	35.18	40.74	53.59	45.61	33.54	31.25	26.14	21.89
23573	0.19	0.21	0.22	0.18	0.19	0.24	0.44	0.27	0.21	0.43	0.51	0.50	0.51	0.50	0.44	0.31	0.44	0.74	0.96	1.08	1.16	1.07	0.97	0.78
	-20.87	-18.13	-16.42	-16.55	-16.34	-14.71	-9.18	-18.48	-22.28	-16.69	-14.56	-15.35	-16.52	-16.89	-19.41	-24.58	-23.15	-21.99	-29.14	-18.23	-3.32	-2.81	0.26	0.00

ALBANY___4 23574	26.16 0.19 -20.87	24.00 0.21 -18.13	22.66 0.22 -16.42	21.84 0.18 -16.55	21.62 0.19 -16.34	21.37 0.24 -14.71	21.27 0.44 -9.18	25.79 0.27 -18.48	28.10 0.21 -22.28	28.75 0.43 -16.69	28.88 0.51 -14.56	29.45 0.50 -15.35	30.57 0.51 -16.52	30.57 0.50 -16.89	31.33 0.44 -19.41	33.18 0.31 -24.58	35.18 0.44 -23.15	40.74 0.74 -21.99	53.59 0.96 -29.14	45.61 1.08 -18.23	33.54 1.16 -3.32	31.25 1.07 -2.81	26.14 0.97 0.26	21.89 0.78 0.00
ALBANY___LFGE 323615	26.31 0.22 -20.99	24.14 0.24 -18.24	22.79 0.25 -16.51	21.97 0.21 -16.65	21.75 0.22 -16.44	21.49 0.28 -14.80	21.39 0.51 -9.23	25.93 0.30 -18.59	28.27 0.24 -22.41	28.91 0.50 -16.79	29.04 0.61 -14.63	29.62 0.60 -15.42	30.73 0.59 -16.60	30.74 0.59 -16.97	31.51 0.52 -19.51	33.36 0.36 -24.70	35.37 0.52 -23.26	40.95 0.86 -22.08	53.88 1.15 -29.24	45.87 1.29 -18.28	33.73 1.37 -3.31	31.43 1.26 -2.80	26.27 1.12 0.27	22.02 0.91 0.00
ALCOA_PA_115KV_PL-6C 55860	5.17 -0.13 -0.20	5.73 -0.14 -0.22	6.13 -0.13 -0.23	5.17 -0.13 -0.20	5.18 -0.11 -0.20	6.49 -0.17 -0.24	6.44 -0.30 4.91	3.31 -0.18 3.55	3.24 -0.15 2.23	4.21 -0.30 7.11	11.15 -0.35 2.31	5.38 -0.35 7.87	5.16 -0.38 8.00	5.86 -0.37 6.95	7.68 -0.32 3.48	8.07 -0.22 0.00	11.05 -0.35 0.19	11.11 -0.54 6.35	22.85 -0.63 0.00	25.59 -0.71 0.00	28.39 -0.67 0.00	26.82 -0.55 0.00	24.97 -0.46 0.00	20.71 -0.40 0.00
ALCOA_RYNLDS___DRP 24188	5.17 -0.13 -0.20	5.73 -0.14 -0.22	6.13 -0.13 -0.23	5.17 -0.13 -0.20	5.18 -0.11 -0.20	6.49 -0.17 -0.24	6.44 -0.30 4.91	3.31 -0.18 3.55	3.24 -0.15 2.23	4.21 -0.30 7.11	11.15 -0.35 2.31	5.38 -0.35 7.87	5.16 -0.38 8.00	5.86 -0.37 6.95	7.68 -0.32 3.48	8.07 -0.22 0.00	11.05 -0.35 0.19	11.11 -0.54 6.35	22.85 -0.63 0.00	25.59 -0.71 0.00	28.39 -0.67 0.00	26.82 -0.55 0.00	24.97 -0.46 0.00	20.71 -0.40 0.00
ALCOA___DSASP 323711	5.17 -0.12 -0.20	5.73 -0.14 -0.22	6.13 -0.13 -0.23	5.17 -0.13 -0.20	5.18 -0.11 -0.20	6.49 -0.17 -0.24	6.44 -0.30 4.91	3.31 -0.18 3.55	3.24 -0.15 2.23	4.21 -0.30 7.11	11.15 -0.34 2.31	5.38 -0.35 7.87	5.16 -0.38 8.00	5.86 -0.37 6.95	7.68 -0.32 3.48	8.07 -0.22 0.00	11.05 -0.35 0.19	11.11 -0.54 6.35	22.85 -0.63 0.00	25.59 -0.71 0.00	28.39 -0.67 0.00	26.82 -0.55 0.00	24.97 -0.46 0.00	20.71 -0.40 0.00
ALLEGHENY___COGEN 23514	10.52 0.28 -5.14	10.45 0.33 -4.47	10.40 0.33 -4.04	9.47 0.29 -4.08	9.39 0.27 -4.03	10.46 0.42 -3.62	14.67 0.76 -2.26	12.07 0.47 -4.55	11.45 0.35 -5.49	16.34 0.58 -4.13	18.04 0.58 -3.65	18.00 0.54 -3.85	18.24 0.54 -4.16	17.98 0.55 -4.25	16.86 0.50 -4.87	14.82 0.36 -6.17	18.03 0.60 -5.85	24.68 1.04 -5.62	32.41 1.41 -7.51	32.70 1.63 -4.76	31.53 1.51 -0.97	29.45 1.26 -0.82	26.70 1.27 0.00	22.36 1.25 0.00
ALTAMONT_115KV_TB 2 55880	26.19 0.20 -20.89	24.03 0.22 -18.15	22.69 0.23 -16.43	21.86 0.19 -16.57	21.64 0.19 -16.36	21.39 0.25 -14.72	21.29 0.45 -9.19	25.81 0.27 -18.50	28.13 0.21 -22.30	28.80 0.44 -16.73	28.97 0.51 -14.65	29.57 0.52 -15.45	30.71 0.51 -16.66	30.70 0.50 -17.03	31.46 0.44 -19.54	33.36 0.32 -24.75	35.38 0.44 -23.35	41.01 0.74 -22.27	54.03 0.96 -29.58	45.96 1.08 -18.58	33.73 1.16 -3.51	31.43 1.09 -2.96	26.24 0.99 0.18	21.92 0.80 0.00
ALTONA_WT_PWR 323606	-0.54 -0.34 5.30	-0.53 -0.38 5.80	-0.53 -0.38 6.18	-0.53 -0.34 5.30	-0.53 -0.33 5.30	-0.53 -0.44 6.51	-0.51 -0.77 11.39	-0.51 -0.46 7.10	-0.02 -0.36 5.27	-0.09 -0.76 10.96	10.58 -0.87 2.36	4.73 -0.83 8.04	4.58 -0.79 8.17	5.37 -0.71 7.10	7.32 -0.61 3.55	7.90 -0.39 0.00	10.84 -0.56 0.20	10.67 -0.85 6.49	22.57 -0.92 0.00	25.30 -1.00 0.00	28.27 -0.78 0.00	26.69 -0.68 0.00	24.89 -0.54 0.00	20.63 -0.48 0.00
AMERICAN_REF_FUEL 24010	10.03 0.06 -4.88	10.01 0.11 -4.24	9.96 0.10 -3.84	9.07 0.10 -3.87	8.98 0.07 -3.82	10.00 0.14 -3.44	13.99 0.20 -2.14	11.37 0.01 -4.32	10.76 -0.06 -5.21	15.32 -0.22 -3.92	16.91 -0.36 -3.46	16.92 -0.34 -3.66	17.16 -0.32 -3.95	16.92 -0.29 -4.04	15.91 -0.20 -4.62	13.97 -0.17 -5.85	16.95 -0.19 -5.54	22.91 -0.43 -5.34	29.79 -0.82 -7.13	29.85 -0.97 -4.52	28.72 -1.25 -0.92	26.94 -1.20 -0.77	24.64 -0.79 0.00	21.11 0.00 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	10.39 0.09 -5.21	10.32 0.14 -4.52	10.25 0.13 -4.10	9.36 0.13 -4.13	9.25 0.08 -4.08	10.23 0.14 -3.67	14.18 0.25 -2.29	11.74 0.08 -4.61	11.17 -0.01 -5.56	15.69 -0.12 -4.18	17.30 -0.21 -3.70	17.29 -0.22 -3.90	17.59 -0.16 -4.22	17.34 -0.14 -4.31	16.33 -0.09 -4.94	14.45 -0.10 -6.25	17.45 -0.06 -5.92	23.56 -0.14 -5.70	30.74 -0.35 -7.61	30.73 -0.39 -4.82	29.48 -0.55 -0.98	27.73 -0.47 -0.83	25.76 0.33 0.00	22.02 0.91 0.00
ARTHUR_KILL_GT_1 23520	22.77 0.42 -17.25	21.09 0.45 -14.99	20.02 0.42 -13.57	19.14 0.36 -13.68	18.96 0.36 -13.51	19.03 0.45 -12.16	19.97 0.75 -7.58	22.79 0.48 -15.27	24.40 0.38 -18.41	26.35 0.78 -13.95	27.25 0.91 -12.53	27.73 0.88 -13.24	28.78 0.87 -14.38	28.70 0.84 -14.68	29.01 0.77 -16.76	30.06 0.55 -21.22	32.53 0.71 -20.23	38.87 1.08 -19.78	51.55 1.39 -26.68	45.05 1.55 -17.20	34.75 1.80 -3.89	32.54 1.89 -3.28	27.58 1.88 -0.27	22.72 1.60 0.00
ARTHUR_KILL_2 23512	22.76 0.41 -17.25	21.08 0.44 -14.99	20.00 0.40 -13.57	19.13 0.35 -13.68	18.95 0.35 -13.51	19.01 0.43 -12.16	19.95 0.72 -7.58	22.78 0.46 -15.27	24.39 0.36 -18.41	26.33 0.76 -13.95	27.21 0.87 -12.53	27.70 0.86 -13.24	28.74 0.83 -14.38	28.67 0.82 -14.68	28.98 0.74 -16.76	30.05 0.53 -21.22	32.49 0.67 -20.23	38.82 1.03 -19.78	51.48 1.31 -26.68	44.97 1.47 -17.20	34.66 1.71 -3.89	32.46 1.81 -3.28	27.53 1.83 -0.27	22.65 1.54 0.00
ARTHUR_KILL_3 23513	22.69 0.34 -17.25	21.01 0.37 -14.99	19.95 0.36 -13.57	19.09 0.31 -13.68	18.90 0.30 -13.51	18.99 0.41 -12.16	19.95 0.71 -7.59	22.77 0.45 -15.28	24.39 0.36 -18.42	26.32 0.74 -13.95	27.20 0.86 -12.54	27.69 0.84 -13.25	28.76 0.84 -14.39	28.67 0.80 -14.69	28.96 0.71 -16.76	30.03 0.51 -21.23	32.51 0.68 -20.24	38.88 1.08 -19.79	51.58 1.41 -26.69	45.08 1.58 -17.20	34.64 1.68 -3.90	32.38 1.73 -3.29	27.44 1.73 -0.28	22.47 1.35 0.00
ARTHUR_KILL_COGEN 323718	22.77 0.42 -17.25	21.09 0.45 -14.99	20.02 0.42 -13.57	19.14 0.36 -13.68	18.96 0.36 -13.51	19.03 0.45 -12.16	19.97 0.75 -7.58	22.79 0.48 -15.27	24.40 0.38 -18.41	26.35 0.78 -13.95	27.25 0.91 -12.53	27.73 0.88 -13.24	28.78 0.87 -14.38	28.70 0.84 -14.68	29.01 0.77 -16.76	30.06 0.55 -21.22	32.53 0.71 -20.23	38.87 1.08 -19.78	51.55 1.39 -26.68	45.05 1.55 -17.20	34.75 1.80 -3.89	32.54 1.89 -3.28	27.58 1.88 -0.27	22.72 1.60 0.00
ASHOKAN____ 23654	24.02 0.11 -18.81	22.11 0.11 -16.34	20.93 0.10 -14.80	20.11 0.09 -14.92	19.90 0.08 -14.73	19.77 0.09 -13.26	20.05 0.13 -8.27	23.77 0.07 -16.66	25.77 0.07 -20.08	26.87 0.13 -15.12	27.29 0.12 -13.36	27.82 0.12 -14.10	28.92 0.15 -15.24	28.89 0.15 -15.57	29.46 0.14 -17.83	31.02 0.14 -22.58	33.21 0.23 -21.39	39.16 0.58 -20.58	51.89 0.92 -27.49	45.94 2.21 -17.43	34.89 2.29 -3.54	32.41 2.05 -2.98	27.23 1.81 0.00	22.13 1.01 0.00

ASTORIA_EAST_ENERGY_CC1 323581	22.72 0.37 -17.25	21.05 0.41 -14.99	19.97 0.37 -13.57	19.11 0.32 -13.68	18.92 0.32 -13.51	18.97 0.39 -12.16	19.84 0.62 -7.58	22.71 0.39 -15.27	24.34 0.31 -18.41	26.21 0.64 -13.95	27.07 0.73 -12.53	27.56 0.72 -13.24	28.62 0.70 -14.38	28.54 0.68 -14.68	28.85 0.61 -16.76	29.95 0.43 -21.22	32.40 0.58 -20.23	38.73 0.94 -19.78	51.39 1.22 -26.68	44.86 1.37 -17.20	34.40 1.45 -3.89	32.13 1.48 -3.28	27.15 1.45 -0.27	22.48 1.37 0.00
ASTORIA_EAST_ENERGY_CC2 323582	22.72 0.37 -17.25	21.05 0.41 -14.99	19.97 0.37 -13.57	19.11 0.32 -13.68	18.92 0.32 -13.51	18.97 0.39 -12.16	19.84 0.62 -7.58	22.71 0.39 -15.27	24.34 0.31 -18.41	26.21 0.64 -13.95	27.07 0.73 -12.53	27.56 0.72 -13.24	28.62 0.70 -14.38	28.54 0.68 -14.68	28.85 0.61 -16.76	29.95 0.43 -21.22	32.40 0.58 -20.23	38.73 0.94 -19.78	51.39 1.22 -26.68	44.86 1.37 -17.20	34.40 1.45 -3.89	32.13 1.48 -3.28	27.15 1.45 -0.27	22.48 1.37 0.00
ASTORIA_GT2_1 24094	22.71 0.36 -17.25	21.05 0.41 -14.99	19.97 0.37 -13.57	19.11 0.32 -13.68	18.92 0.32 -13.51	18.97 0.39 -12.16	19.85 0.62 -7.59	22.71 0.39 -15.28	24.35 0.31 -18.42	26.23 0.65 -13.95	27.09 0.75 -12.54	27.59 0.73 -13.25	28.64 0.72 -14.39	28.55 0.69 -14.69	28.86 0.61 -16.76	29.96 0.44 -21.23	32.42 0.59 -20.24	38.75 0.95 -19.79	51.40 1.22 -26.69	44.90 1.39 -17.20	34.44 1.48 -3.90	32.14 1.48 -3.29	27.18 1.47 -0.28	22.51 1.39 0.00
ASTORIA_GT2_2 24095	22.71 0.36 -17.25	21.05 0.41 -14.99	19.97 0.37 -13.57	19.11 0.32 -13.68	18.92 0.32 -13.51	18.97 0.39 -12.16	19.85 0.62 -7.59	22.71 0.39 -15.28	24.35 0.31 -18.42	26.23 0.65 -13.95	27.09 0.75 -12.54	27.59 0.73 -13.25	28.64 0.72 -14.39	28.55 0.69 -14.69	28.86 0.61 -16.76	29.96 0.44 -21.23	32.42 0.59 -20.24	38.75 0.95 -19.79	51.40 1.22 -26.69	44.90 1.39 -17.20	34.44 1.48 -3.90	32.14 1.48 -3.29	27.18 1.47 -0.28	22.51 1.39 0.00
ASTORIA_GT2_3 24096	22.71 0.36 -17.25	21.05 0.41 -14.99	19.97 0.37 -13.57	19.11 0.32 -13.68	18.92 0.32 -13.51	18.97 0.39 -12.16	19.85 0.62 -7.59	22.71 0.39 -15.28	24.35 0.31 -18.42	26.23 0.65 -13.95	27.09 0.75 -12.54	27.59 0.73 -13.25	28.64 0.72 -14.39	28.55 0.69 -14.69	28.86 0.61 -16.76	29.96 0.44 -21.23	32.42 0.59 -20.24	38.75 0.95 -19.79	51.40 1.22 -26.69	44.90 1.39 -17.20	34.44 1.48 -3.90	32.14 1.48 -3.29	27.18 1.47 -0.28	22.51 1.39 0.00
ASTORIA_GT2_4 24097	22.71 0.36 -17.25	21.05 0.41 -14.99	19.97 0.37 -13.57	19.11 0.32 -13.68	18.92 0.32 -13.51	18.97 0.39 -12.16	19.85 0.62 -7.59	22.71 0.39 -15.28	24.35 0.31 -18.42	26.23 0.65 -13.95	27.09 0.75 -12.54	27.59 0.73 -13.25	28.64 0.72 -14.39	28.55 0.69 -14.69	28.86 0.61 -16.76	29.96 0.44 -21.23	32.42 0.59 -20.24	38.75 0.95 -19.79	51.40 1.22 -26.69	44.90 1.39 -17.20	34.44 1.48 -3.90	32.14 1.48 -3.29	27.18 1.47 -0.28	22.51 1.39 0.00
ASTORIA_GT3_1 24098	22.71 0.36 -17.25	21.05 0.41 -14.99	19.97 0.37 -13.57	19.11 0.32 -13.68	18.92 0.32 -13.51	18.97 0.39 -12.16	19.85 0.62 -7.59	22.71 0.39 -15.28	24.35 0.31 -18.42	26.23 0.65 -13.95	27.09 0.75 -12.54	27.59 0.73 -13.25	28.64 0.72 -14.39	28.55 0.69 -14.69	28.86 0.61 -16.76	29.96 0.44 -21.23	32.42 0.59 -20.24	38.75 0.95 -19.79	51.40 1.22 -26.69	44.90 1.39 -17.20	34.44 1.48 -3.90	32.14 1.48 -3.29	27.18 1.47 -0.28	22.51 1.39 0.00
ASTORIA_GT3_2 24099	22.71 0.36 -17.25	21.05 0.41 -14.99	19.97 0.37 -13.57	19.11 0.32 -13.68	18.92 0.32 -13.51	18.97 0.39 -12.16	19.85 0.62 -7.59	22.71 0.39 -15.28	24.35 0.31 -18.42	26.23 0.65 -13.95	27.09 0.75 -12.54	27.59 0.73 -13.25	28.64 0.72 -14.39	28.55 0.69 -14.69	28.86 0.61 -16.76	29.96 0.44 -21.23	32.42 0.59 -20.24	38.75 0.95 -19.79	51.40 1.22 -26.69	44.90 1.39 -17.20	34.44 1.48 -3.90	32.14 1.48 -3.29	27.18 1.47 -0.28	22.51 1.39 0.00
ASTORIA_GT3_3 24100	22.71 0.36 -17.25	21.05 0.41 -14.99	19.97 0.37 -13.57	19.11 0.32 -13.68	18.92 0.32 -13.51	18.97 0.39 -12.16	19.85 0.62 -7.59	22.71 0.39 -15.28	24.35 0.31 -18.42	26.23 0.65 -13.95	27.09 0.75 -12.54	27.59 0.73 -13.25	28.64 0.72 -14.39	28.55 0.69 -14.69	28.86 0.61 -16.76	29.96 0.44 -21.23	32.42 0.59 -20.24	38.75 0.95 -19.79	51.40 1.22 -26.69	44.90 1.39 -17.20	34.44 1.48 -3.90	32.14 1.48 -3.29	27.18 1.47 -0.28	22.51 1.39 0.00
ASTORIA_GT3_4 24101	22.71 0.36 -17.25	21.05 0.41 -14.99	19.97 0.37 -13.57	19.11 0.32 -13.68	18.92 0.32 -13.51	18.97 0.39 -12.16	19.85 0.62 -7.59	22.71 0.39 -15.28	24.35 0.31 -18.42	26.23 0.65 -13.95	27.09 0.75 -12.54	27.59 0.73 -13.25	28.64 0.72 -14.39	28.55 0.69 -14.69	28.86 0.61 -16.76	29.96 0.44 -21.23	32.42 0.59 -20.24	38.75 0.95 -19.79	51.40 1.22 -26.69	44.90 1.39 -17.20	34.44 1.48 -3.90	32.14 1.48 -3.29	27.18 1.47 -0.28	22.51 1.39 0.00
ASTORIA_GT4_1 24102	22.71 0.36 -17.25	21.05 0.41 -14.99	19.97 0.37 -13.57	19.11 0.32 -13.68	18.92 0.32 -13.51	18.97 0.39 -12.16	19.85 0.62 -7.59	22.71 0.39 -15.28	24.35 0.31 -18.42	26.23 0.65 -13.95	27.09 0.75 -12.54	27.59 0.73 -13.25	28.64 0.72 -14.39	28.55 0.69 -14.69	28.86 0.61 -16.76	29.96 0.44 -21.23	32.42 0.59 -20.24	38.75 0.95 -19.79	51.40 1.22 -26.69	44.90 1.39 -17.20	34.44 1.48 -3.90	32.14 1.48 -3.29	27.18 1.47 -0.28	22.51 1.39 0.00
ASTORIA_GT4_2 24103	22.71 0.36 -17.25	21.05 0.41 -14.99	19.97 0.37 -13.57	19.11 0.32 -13.68	18.92 0.32 -13.51	18.97 0.39 -12.16	19.85 0.62 -7.59	22.71 0.39 -15.28	24.35 0.31 -18.42	26.23 0.65 -13.95	27.09 0.75 -12.54	27.59 0.73 -13.25	28.64 0.72 -14.39	28.55 0.69 -14.69	28.86 0.61 -16.76	29.96 0.44 -21.23	32.42 0.59 -20.24	38.75 0.95 -19.79	51.40 1.22 -26.69	44.90 1.39 -17.20	34.44 1.48 -3.90	32.14 1.48 -3.29	27.18 1.47 -0.28	22.51 1.39 0.00
ASTORIA_GT4_3 24104	22.71 0.36 -17.25	21.05 0.41 -14.99	19.97 0.37 -13.57	19.11 0.32 -13.68	18.92 0.32 -13.51	18.97 0.39 -12.16	19.85 0.62 -7.59	22.71 0.39 -15.28	24.35 0.31 -18.42	26.23 0.65 -13.95	27.09 0.75 -12.54	27.59 0.73 -13.25	28.64 0.72 -14.39	28.55 0.69 -14.69	28.86 0.61 -16.76	29.96 0.44 -21.23	32.42 0.59 -20.24	38.75 0.95 -19.79	51.40 1.22 -26.69	44.90 1.39 -17.20	34.44 1.48 -3.90	32.14 1.48 -3.29	27.18 1.47 -0.28	22.51 1.39 0.00
ASTORIA_GT4_4 24105	22.71 0.36 -17.25	21.05 0.41 -14.99	19.97 0.37 -13.57	19.11 0.32 -13.68	18.92 0.32 -13.51	18.97 0.39 -12.16	19.85 0.62 -7.59	22.71 0.39 -15.28	24.35 0.31 -18.42	26.23 0.65 -13.95	27.09 0.75 -12.54	27.59 0.73 -13.25	28.64 0.72 -14.39	28.55 0.69 -14.69	28.86 0.61 -16.76	29.96 0.44 -21.23	32.42 0.59 -20.24	38.75 0.95 -19.79	51.40 1.22 -26.69	44.90 1.39 -17.20	34.44 1.48 -3.90	32.14 1.48 -3.29	27.18 1.47 -0.28	22.51 1.39 0.00
ASTORIA_GT_1 23523	22.73 0.38 -17.25	21.06 0.41 -14.99	19.98 0.39 -13.57	19.12 0.33 -13.68	18.93 0.33 -13.51	18.98 0.40 -12.16	19.87 0.64 -7.58	22.71 0.40 -15.27	24.35 0.33 -18.41	26.23 0.66 -13.95	27.10 0.76 -12.53	27.59 0.75 -13.24	28.66 0.74 -14.38	28.57 0.71 -14.68	28.87 0.63 -16.76	29.97 0.46 -21.22	32.43 0.61 -20.23	38.78 0.99 -19.78	51.43 1.27 -26.68	44.94 1.45 -17.20	34.49 1.54 -3.89	32.18 1.53 -3.28	27.20 1.50 -0.27	22.53 1.41 0.00

ASTORIA_GT_10 24110	22.71 0.36 -17.25	21.04 0.40 -14.99	19.97 0.37 -13.57	19.11 0.32 -13.68	18.92 0.32 -13.51	19.00 0.42 -12.16	19.92 0.69 -7.59	22.75 0.43 -15.28	24.37 0.34 -18.42	26.29 0.71 -13.95	27.16 0.81 -12.54	27.65 0.80 -13.25	28.72 0.80 -14.39	28.63 0.76 -14.69	28.93 0.68 -16.76	30.01 0.49 -21.23	32.49 0.66 -20.24	38.86 1.06 -19.79	51.56 1.39 -26.69	45.06 1.55 -17.20	34.61 1.66 -3.90	32.33 1.67 -3.29	27.36 1.65 -0.28	22.53 1.41 0.00
ASTORIA_GT_11 24225	22.71 0.36 -17.25	21.04 0.40 -14.99	19.97 0.37 -13.57	19.11 0.32 -13.68	18.92 0.32 -13.51	19.00 0.42 -12.16	19.92 0.69 -7.59	22.75 0.43 -15.28	24.37 0.34 -18.42	26.29 0.71 -13.95	27.16 0.81 -12.54	27.65 0.80 -13.25	28.72 0.80 -14.39	28.63 0.76 -14.69	28.93 0.68 -16.76	30.01 0.49 -21.23	32.49 0.66 -20.24	38.86 1.06 -19.79	51.56 1.39 -26.69	45.06 1.55 -17.20	34.61 1.66 -3.90	32.33 1.67 -3.29	27.36 1.65 -0.28	22.53 1.41 0.00
ASTORIA_GT_12 24226	22.71 0.36 -17.25	21.04 0.40 -14.99	19.97 0.37 -13.57	19.11 0.32 -13.68	18.92 0.32 -13.51	19.00 0.42 -12.16	19.92 0.69 -7.59	22.75 0.43 -15.28	24.37 0.34 -18.42	26.29 0.71 -13.95	27.16 0.81 -12.54	27.65 0.80 -13.25	28.72 0.80 -14.39	28.63 0.76 -14.69	28.93 0.68 -16.76	30.01 0.49 -21.23	32.49 0.66 -20.24	38.86 1.06 -19.79	51.56 1.39 -26.69	45.06 1.55 -17.20	34.61 1.66 -3.90	32.33 1.67 -3.29	27.36 1.65 -0.28	22.53 1.41 0.00
ASTORIA_GT_13 24227	22.71 0.36 -17.25	21.04 0.40 -14.99	19.97 0.37 -13.57	19.11 0.32 -13.68	18.92 0.32 -13.51	19.00 0.42 -12.16	19.92 0.69 -7.59	22.75 0.43 -15.28	24.37 0.34 -18.42	26.29 0.71 -13.95	27.16 0.81 -12.54	27.65 0.80 -13.25	28.72 0.80 -14.39	28.63 0.76 -14.69	28.93 0.68 -16.76	30.01 0.49 -21.23	32.49 0.66 -20.24	38.86 1.06 -19.79	51.56 1.39 -26.69	45.06 1.55 -17.20	34.61 1.66 -3.90	32.33 1.67 -3.29	27.36 1.65 -0.28	22.53 1.41 0.00
ASTORIA_GT_5 24106	22.73 0.38 -17.25	21.06 0.41 -14.99	19.98 0.39 -13.57	19.12 0.33 -13.68	18.93 0.33 -13.51	18.98 0.40 -12.16	19.87 0.64 -7.58	22.71 0.40 -15.27	24.35 0.33 -18.41	26.23 0.66 -13.95	27.10 0.76 -12.53	27.59 0.75 -13.24	28.66 0.74 -14.38	28.57 0.71 -14.68	28.87 0.63 -16.76	29.97 0.46 -21.22	32.43 0.61 -20.23	38.78 0.99 -19.78	51.43 1.27 -26.68	44.94 1.45 -17.20	34.49 1.54 -3.89	32.18 1.53 -3.28	27.20 1.50 -0.27	22.53 1.41 0.00
ASTORIA_GT_7 24107	22.73 0.38 -17.25	21.06 0.41 -14.99	19.98 0.39 -13.57	19.12 0.33 -13.68	18.93 0.33 -13.51	18.98 0.40 -12.16	19.87 0.64 -7.58	22.71 0.40 -15.27	24.35 0.33 -18.41	26.23 0.66 -13.95	27.10 0.76 -12.53	27.59 0.75 -13.24	28.66 0.74 -14.38	28.57 0.71 -14.68	28.87 0.63 -16.76	29.97 0.46 -21.22	32.43 0.61 -20.23	38.78 0.99 -19.78	51.43 1.27 -26.68	44.94 1.45 -17.20	34.49 1.54 -3.89	32.18 1.53 -3.28	27.20 1.50 -0.27	22.53 1.41 0.00
ASTORIA_GT_8 24108	22.72 0.37 -17.25	21.06 0.41 -14.99	19.98 0.39 -13.57	19.12 0.33 -13.68	18.93 0.33 -13.51	18.98 0.40 -12.16	19.88 0.64 -7.59	22.72 0.40 -15.28	24.36 0.33 -18.42	26.24 0.66 -13.95	27.11 0.76 -12.54	27.60 0.75 -13.25	28.67 0.74 -14.39	28.58 0.71 -14.69	28.88 0.63 -16.76	29.98 0.46 -21.23	32.43 0.60 -20.24	38.79 0.99 -19.79	51.44 1.27 -26.69	44.95 1.45 -17.20	34.49 1.54 -3.90	32.19 1.53 -3.29	27.21 1.50 -0.28	22.53 1.41 0.00
ASTORIA___2 24149	22.72 0.37 -17.25	21.05 0.41 -14.99	19.97 0.37 -13.57	19.11 0.32 -13.68	18.92 0.32 -13.51	18.97 0.39 -12.16	19.84 0.62 -7.58	22.71 0.39 -15.27	24.34 0.31 -18.41	26.22 0.65 -13.95	27.09 0.75 -12.53	27.58 0.73 -13.24	28.63 0.72 -14.38	28.54 0.68 -14.68	28.85 0.61 -16.76	29.96 0.44 -21.22	32.41 0.59 -20.23	38.75 0.95 -19.78	51.39 1.22 -26.68	44.89 1.39 -17.20	34.43 1.48 -3.89	32.13 1.48 -3.28	27.17 1.47 -0.27	22.51 1.39 0.00
ASTORIA___3 23516	22.72 0.37 -17.25	21.04 0.40 -14.99	19.97 0.37 -13.57	19.11 0.32 -13.68	18.92 0.32 -13.51	19.00 0.42 -12.16	19.91 0.69 -7.58	22.74 0.43 -15.27	24.37 0.34 -18.41	26.28 0.71 -13.95	27.15 0.81 -12.53	27.65 0.80 -13.24	28.71 0.80 -14.38	28.62 0.76 -14.68	28.92 0.68 -16.76	30.01 0.49 -21.22	32.48 0.66 -20.23	38.85 1.06 -19.78	51.55 1.39 -26.68	45.05 1.55 -17.20	34.60 1.66 -3.89	32.32 1.67 -3.28	27.35 1.65 -0.27	22.53 1.41 0.00
ASTORIA___4 23517	22.71 0.36 -17.25	21.04 0.40 -14.99	19.97 0.37 -13.57	19.11 0.32 -13.68	18.92 0.32 -13.51	19.00 0.42 -12.16	19.92 0.69 -7.59	22.75 0.43 -15.28	24.37 0.34 -18.42	26.29 0.71 -13.95	27.16 0.81 -12.54	27.65 0.80 -13.25	28.72 0.80 -14.39	28.63 0.76 -14.69	28.93 0.68 -16.76	30.01 0.49 -21.23	32.49 0.66 -20.24	38.86 1.06 -19.79	51.56 1.39 -26.69	45.06 1.55 -17.20	34.61 1.66 -3.90	32.33 1.67 -3.29	27.36 1.65 -0.28	22.53 1.41 0.00
ASTORIA___5 23518	22.72 0.37 -17.25	21.04 0.40 -14.99	19.97 0.37 -13.57	19.11 0.32 -13.68	18.92 0.32 -13.51	19.00 0.42 -12.16	19.91 0.69 -7.58	22.74 0.43 -15.27	24.37 0.34 -18.41	26.28 0.71 -13.95	27.15 0.81 -12.53	27.65 0.80 -13.24	28.71 0.80 -14.38	28.62 0.76 -14.68	28.92 0.68 -16.76	30.01 0.49 -21.22	32.48 0.66 -20.23	38.85 1.06 -19.78	51.55 1.39 -26.68	45.05 1.55 -17.20	34.60 1.66 -3.89	32.32 1.67 -3.28	27.35 1.65 -0.27	22.53 1.41 0.00
AST_ENERGY_2_CC3 323677	22.71 0.36 -17.25	21.04 0.40 -14.99	19.98 0.39 -13.57	19.12 0.33 -13.68	18.93 0.33 -13.51	19.02 0.44 -12.16	20.00 0.77 -7.59	22.80 0.48 -15.28	24.41 0.38 -18.42	26.37 0.79 -13.95	27.25 0.90 -12.54	27.73 0.88 -13.25	28.80 0.88 -14.39	28.72 0.86 -14.69	29.01 0.76 -16.76	30.06 0.54 -21.23	32.56 0.73 -20.24	38.99 1.19 -19.79	51.70 1.53 -26.69	45.21 1.71 -17.20	34.79 1.83 -3.90	32.52 1.86 -3.29	27.54 1.83 -0.28	22.57 1.46 0.00
AST_ENERGY_2_CC4 323678	22.71 0.36 -17.25	21.04 0.40 -14.99	19.98 0.39 -13.57	19.12 0.33 -13.68	18.93 0.33 -13.51	19.02 0.44 -12.16	20.00 0.77 -7.59	22.80 0.48 -15.28	24.41 0.38 -18.42	26.37 0.79 -13.95	27.25 0.90 -12.54	27.73 0.88 -13.25	28.80 0.88 -14.39	28.72 0.86 -14.69	29.01 0.76 -16.76	30.06 0.54 -21.23	32.56 0.73 -20.24	38.99 1.19 -19.79	51.70 1.53 -26.69	45.21 1.71 -17.20	34.79 1.83 -3.90	32.52 1.86 -3.29	27.54 1.83 -0.28	22.57 1.46 0.00
ATHENS_STG_1 23668	24.27 0.21 -18.96	22.36 0.24 -16.47	21.19 0.25 -14.91	20.35 0.21 -15.03	20.14 0.21 -14.84	20.05 0.27 -13.36	20.47 0.49 -8.33	24.12 0.29 -16.78	26.08 0.23 -20.24	27.36 0.48 -15.26	27.91 0.55 -13.55	28.45 0.54 -14.31	29.56 0.54 -15.48	29.52 0.53 -15.81	30.04 0.46 -18.10	31.54 0.33 -22.92	33.78 0.45 -21.75	39.77 0.74 -21.02	52.61 0.96 -28.16	45.32 1.08 -17.95	34.01 1.19 -3.77	31.67 1.12 -3.18	26.61 1.09 -0.09	22.00 0.89 0.00
ATHENS_STG_2 23670	24.27 0.21 -18.96	22.36 0.24 -16.47	21.19 0.25 -14.91	20.35 0.21 -15.03	20.14 0.21 -14.84	20.05 0.27 -13.36	20.47 0.49 -8.33	24.12 0.29 -16.78	26.08 0.23 -20.24	27.36 0.48 -15.26	27.91 0.55 -13.55	28.45 0.54 -14.31	29.56 0.54 -15.48	29.52 0.53 -15.81	30.04 0.46 -18.10	31.54 0.33 -22.92	33.78 0.45 -21.75	39.77 0.74 -21.02	52.61 0.96 -28.16	45.32 1.08 -17.95	34.01 1.19 -3.77	31.67 1.12 -3.18	26.61 1.09 -0.09	22.00 0.89 0.00

ATHENS_STG_3 23677	24.27 0.21 -18.96	22.36 0.24 -16.47	21.19 0.25 -14.91	20.35 0.21 -15.03	20.14 0.21 -14.84	20.05 0.27 -13.36	20.47 0.49 -8.33	24.12 0.29 -16.78	26.08 0.23 -20.24	27.36 0.48 -15.26	27.91 0.55 -13.55	28.45 0.54 -14.31	29.56 0.54 -15.48	29.52 0.53 -15.81	30.04 0.46 -18.10	31.54 0.33 -22.92	33.78 0.45 -21.75	39.77 0.74 -21.02	52.61 0.96 -28.16	45.32 1.08 -17.95	34.01 1.19 -3.77	31.67 1.12 -3.18	26.61 1.09 -0.09	22.00 0.89 0.00
AUBURN____LFGE 323710	9.68 0.16 -4.43	9.68 0.18 -3.84	9.68 0.17 -3.48	8.77 0.16 -3.51	8.70 0.15 -3.47	9.76 0.22 -3.12	14.01 0.42 -1.95	11.24 0.27 -3.92	10.55 0.21 -4.72	15.62 0.44 -3.56	17.46 0.51 -3.14	17.42 0.50 -3.32	17.63 0.51 -3.58	17.35 0.51 -3.66	16.12 0.44 -4.20	13.91 0.30 -5.31	17.06 0.44 -5.03	23.53 0.68 -4.84	30.84 0.89 -6.47	31.40 1.00 -4.10	30.84 0.96 -0.83	28.92 0.85 -0.70	26.16 0.74 0.00	21.77 0.65 0.00
BABYLON_RES_REC 323704	22.81 0.46 -17.26	21.18 0.53 -14.99	20.07 0.48 -13.57	19.23 0.44 -13.69	19.04 0.43 -13.51	19.17 0.59 -12.16	20.05 0.82 -7.59	22.90 0.58 -15.28	24.49 0.46 -18.42	26.45 0.87 -13.96	27.39 1.04 -12.54	27.86 1.01 -13.25	28.79 0.87 -14.39	28.79 0.92 -14.69	29.03 0.78 -16.77	30.58 0.60 -21.69	33.00 0.71 -20.71	41.34 1.10 -22.24	54.46 1.53 -29.45	45.20 1.68 -17.21	35.29 1.95 -4.29	33.18 1.97 -3.83	28.74 2.44 -0.87	23.14 2.03 0.00
BABYLON__69_KV_BK2 356345	22.88 0.53 -17.26	21.25 0.61 -14.99	20.14 0.54 -13.57	19.29 0.50 -13.69	19.10 0.49 -13.51	19.26 0.67 -12.16	20.19 0.96 -7.59	22.99 0.67 -15.28	24.57 0.53 -18.42	26.58 1.00 -13.96	27.55 1.20 -12.54	28.01 1.16 -13.25	28.94 1.02 -14.39	28.95 1.08 -14.69	29.17 0.92 -16.77	31.53 0.70 -22.54	34.01 0.85 -21.58	46.07 1.30 -26.77	59.85 1.81 -34.55	45.55 2.03 -17.22	36.36 2.30 -5.01	34.52 2.30 -4.85	30.16 2.77 -1.96	23.44 2.32 0.00
BALL_HILL_WT_PWR 323825	10.35 0.11 -5.14	10.28 0.16 -4.46	10.22 0.15 -4.04	9.32 0.14 -4.08	9.22 0.11 -4.02	10.24 0.19 -3.62	14.23 0.33 -2.26	11.73 0.14 -4.55	11.15 0.05 -5.49	15.77 0.01 -4.13	17.40 -0.06 -3.65	17.40 -0.05 -3.85	17.67 -0.03 -4.16	17.42 -0.01 -4.25	16.38 0.02 -4.87	14.44 -0.02 -6.17	17.46 0.03 -5.84	23.59 -0.04 -5.62	30.76 -0.23 -7.51	30.75 -0.31 -4.76	29.53 -0.49 -0.97	27.72 -0.47 -0.81	25.66 0.23 0.00	21.87 0.76 0.00
BARON_WINDS____WT_PWR 323822	11.22 0.11 -6.01	11.03 0.16 -5.22	10.90 0.15 -4.73	10.01 0.14 -4.76	9.91 0.11 -4.70	10.84 0.19 -4.23	14.63 0.34 -2.64	12.54 0.18 -5.32	12.14 0.11 -6.41	16.62 0.16 -4.83	18.21 0.14 -4.27	18.24 0.14 -4.50	18.54 0.14 -4.87	18.29 0.15 -4.97	17.31 0.13 -5.69	15.56 0.06 -7.21	18.54 0.13 -6.83	24.74 0.16 -6.57	32.43 0.17 -8.78	32.05 0.19 -5.57	30.24 0.06 -1.13	28.38 0.05 -0.95	25.91 0.48 0.00	21.85 0.74 0.00
BARRETT_IC_1 23704	22.75 0.39 -17.26	21.11 0.46 -14.99	20.01 0.41 -13.57	19.17 0.38 -13.69	18.97 0.37 -13.51	19.10 0.51 -12.16	19.95 0.71 -7.59	22.81 0.49 -15.28	24.43 0.39 -18.42	26.34 0.76 -13.96	27.19 0.84 -12.54	27.67 0.82 -13.25	28.62 0.69 -14.39	28.59 0.72 -14.69	28.86 0.61 -16.77	29.99 0.46 -21.23	32.38 0.56 -20.24	38.67 0.86 -19.79	51.38 1.20 -26.69	44.85 1.34 -17.21	34.49 1.54 -3.90	32.24 1.59 -3.29	27.79 2.09 -0.28	22.82 1.71 0.00
BARRETT_IC_10 23701	22.75 0.39 -17.26	21.11 0.46 -14.99	20.01 0.41 -13.57	19.17 0.38 -13.69	18.97 0.37 -13.51	19.10 0.51 -12.16	19.95 0.71 -7.59	22.81 0.49 -15.28	24.43 0.39 -18.42	26.34 0.76 -13.96	27.19 0.84 -12.54	27.67 0.82 -13.25	28.62 0.69 -14.39	28.59 0.72 -14.69	28.86 0.61 -16.77	29.99 0.46 -21.23	32.38 0.56 -20.24	38.67 0.86 -19.79	51.38 1.20 -26.69	44.85 1.34 -17.21	34.49 1.54 -3.90	32.24 1.59 -3.29	27.79 2.09 -0.28	22.82 1.71 0.00
BARRETT_IC_11 23702	22.75 0.39 -17.26	21.11 0.46 -14.99	20.01 0.41 -13.57	19.17 0.38 -13.69	18.97 0.37 -13.51	19.10 0.51 -12.16	19.95 0.71 -7.59	22.81 0.49 -15.28	24.43 0.39 -18.42	26.34 0.76 -13.96	27.19 0.84 -12.54	27.67 0.82 -13.25	28.62 0.69 -14.39	28.59 0.72 -14.69	28.86 0.61 -16.77	29.99 0.46 -21.23	32.38 0.56 -20.24	38.67 0.86 -19.79	51.38 1.20 -26.69	44.85 1.34 -17.21	34.49 1.54 -3.90	32.24 1.59 -3.29	27.79 2.09 -0.28	22.82 1.71 0.00
BARRETT_IC_12 23703	22.75 0.39 -17.26	21.11 0.46 -14.99	20.01 0.41 -13.57	19.17 0.38 -13.69	18.97 0.37 -13.51	19.10 0.51 -12.16	19.95 0.71 -7.59	22.81 0.49 -15.28	24.43 0.39 -18.42	26.34 0.76 -13.96	27.19 0.84 -12.54	27.67 0.82 -13.25	28.62 0.69 -14.39	28.59 0.72 -14.69	28.86 0.61 -16.77	29.99 0.46 -21.23	32.38 0.56 -20.24	38.67 0.86 -19.79	51.38 1.20 -26.69	44.85 1.34 -17.21	34.49 1.54 -3.90	32.24 1.59 -3.29	27.79 2.09 -0.28	22.82 1.71 0.00
BARRETT_IC_2 23705	22.75 0.39 -17.26	21.11 0.46 -14.99	20.01 0.41 -13.57	19.17 0.38 -13.69	18.97 0.37 -13.51	19.10 0.51 -12.16	19.95 0.71 -7.59	22.81 0.49 -15.28	24.43 0.39 -18.42	26.34 0.76 -13.96	27.19 0.84 -12.54	27.67 0.82 -13.25	28.62 0.69 -14.39	28.59 0.72 -14.69	28.86 0.61 -16.77	29.99 0.46 -21.23	32.38 0.56 -20.24	38.67 0.86 -19.79	51.38 1.20 -26.69	44.85 1.34 -17.21	34.49 1.54 -3.90	32.24 1.59 -3.29	27.79 2.09 -0.28	22.82 1.71 0.00
BARRETT_IC_3 23706	22.75 0.39 -17.26	21.11 0.46 -14.99	20.01 0.41 -13.57	19.17 0.38 -13.69	18.97 0.37 -13.51	19.10 0.51 -12.16	19.95 0.71 -7.59	22.81 0.49 -15.28	24.43 0.39 -18.42	26.34 0.76 -13.96	27.19 0.84 -12.54	27.67 0.82 -13.25	28.62 0.69 -14.39	28.59 0.72 -14.69	28.86 0.61 -16.77	29.99 0.46 -21.23	32.38 0.56 -20.24	38.67 0.86 -19.79	51.38 1.20 -26.69	44.85 1.34 -17.21	34.49 1.54 -3.90	32.24 1.59 -3.29	27.79 2.09 -0.28	22.82 1.71 0.00
BARRETT_IC_4 23707	22.75 0.39 -17.26	21.11 0.46 -14.99	20.01 0.41 -13.57	19.17 0.38 -13.69	18.97 0.37 -13.51	19.10 0.51 -12.16	19.95 0.71 -7.59	22.81 0.49 -15.28	24.43 0.39 -18.42	26.34 0.76 -13.96	27.19 0.84 -12.54	27.67 0.82 -13.25	28.62 0.69 -14.39	28.59 0.72 -14.69	28.86 0.61 -16.77	29.99 0.46 -21.23	32.38 0.56 -20.24	38.67 0.86 -19.79	51.38 1.20 -26.69	44.85 1.34 -17.21	34.49 1.54 -3.90	32.24 1.59 -3.29	27.79 2.09 -0.28	22.82 1.71 0.00
BARRETT_IC_5 23708	22.75 0.39 -17.26	21.11 0.46 -14.99	20.01 0.41 -13.57	19.17 0.38 -13.69	18.97 0.37 -13.51	19.10 0.51 -12.16	19.95 0.71 -7.59	22.81 0.49 -15.28	24.43 0.39 -18.42	26.34 0.76 -13.96	27.19 0.84 -12.54	27.67 0.82 -13.25	28.62 0.69 -14.39	28.59 0.72 -14.69	28.86 0.61 -16.77	29.99 0.46 -21.23	32.38 0.56 -20.24	38.67 0.86 -19.79	51.38 1.20 -26.69	44.85 1.34 -17.21	34.49 1.54 -3.90	32.24 1.59 -3.29	27.79 2.09 -0.28	22.82 1.71 0.00
BARRETT_IC_6 23709	22.75 0.39 -17.26	21.11 0.46 -14.99	20.01 0.41 -13.57	19.17 0.38 -13.69	18.97 0.37 -13.51	19.10 0.51 -12.16	19.95 0.71 -7.59	22.81 0.49 -15.28	24.43 0.39 -18.42	26.34 0.76 -13.96	27.19 0.84 -12.54	27.67 0.82 -13.25	28.62 0.69 -14.39	28.59 0.72 -14.69	28.86 0.61 -16.77	29.99 0.46 -21.23	32.38 0.56 -20.24	38.67 0.86 -19.79	51.38 1.20 -26.69	44.85 1.34 -17.21	34.49 1.54 -3.90	32.24 1.59 -3.29	27.79 2.09 -0.28	22.82 1.71 0.00

BARRETT_IC_7 23710	22.75 0.39 -17.26	21.11 0.46 -14.99	20.01 0.41 -13.57	19.17 0.38 -13.69	18.97 0.37 -13.51	19.10 0.51 -12.16	19.95 0.71 -7.59	22.81 0.49 -15.28	24.43 0.39 -18.42	26.34 0.76 -13.96	27.19 0.84 -12.54	27.67 0.82 -13.25	28.62 0.69 -14.39	28.59 0.72 -14.69	28.86 0.61 -16.77	29.99 0.46 -21.23	32.38 0.56 -20.24	38.67 0.86 -19.79	51.38 1.20 -26.69	44.85 1.34 -17.21	34.49 1.54 -3.90	32.24 1.59 -3.29	27.79 2.09 -0.28	22.82 1.71 0.00
BARRETT_IC_8 23711	22.75 0.39 -17.26	21.11 0.46 -14.99	20.01 0.41 -13.57	19.17 0.38 -13.69	18.97 0.37 -13.51	19.10 0.51 -12.16	19.95 0.71 -7.59	22.81 0.49 -15.28	24.43 0.39 -18.42	26.34 0.76 -13.96	27.19 0.84 -12.54	27.67 0.82 -13.25	28.62 0.69 -14.39	28.59 0.72 -14.69	28.86 0.61 -16.77	29.99 0.46 -21.23	32.38 0.56 -20.24	38.67 0.86 -19.79	51.38 1.20 -26.69	44.85 1.34 -17.21	34.49 1.54 -3.90	32.24 1.59 -3.29	27.79 2.09 -0.28	22.82 1.71 0.00
BARRETT_IC_9 23700	22.75 0.39 -17.26	21.11 0.46 -14.99	20.01 0.41 -13.57	19.17 0.38 -13.69	18.97 0.37 -13.51	19.10 0.51 -12.16	19.95 0.71 -7.59	22.81 0.49 -15.28	24.43 0.39 -18.42	26.34 0.76 -13.96	27.19 0.84 -12.54	27.67 0.82 -13.25	28.62 0.69 -14.39	28.59 0.72 -14.69	28.86 0.61 -16.77	29.99 0.46 -21.23	32.38 0.56 -20.24	38.67 0.86 -19.79	51.38 1.20 -26.69	44.85 1.34 -17.21	34.49 1.54 -3.90	32.24 1.59 -3.29	27.79 2.09 -0.28	22.82 1.71 0.00
BARRETT___1 23545	22.75 0.39 -17.26	21.11 0.46 -14.99	20.01 0.41 -13.57	19.17 0.38 -13.69	18.97 0.37 -13.51	19.10 0.51 -12.16	19.95 0.71 -7.59	22.81 0.49 -15.28	24.43 0.39 -18.42	26.34 0.76 -13.96	27.19 0.84 -12.54	27.67 0.82 -13.25	28.62 0.69 -14.39	28.59 0.72 -14.69	28.86 0.61 -16.77	29.99 0.46 -21.23	32.38 0.56 -20.24	38.67 0.86 -19.79	51.38 1.20 -26.69	44.85 1.34 -17.21	34.49 1.54 -3.90	32.24 1.59 -3.29	27.79 2.09 -0.28	22.82 1.71 0.00
BARRETT___2 23546	22.75 0.39 -17.26	21.11 0.46 -14.99	20.01 0.41 -13.57	19.17 0.38 -13.69	18.97 0.37 -13.51	19.10 0.51 -12.16	19.95 0.71 -7.59	22.81 0.49 -15.28	24.43 0.39 -18.42	26.34 0.76 -13.96	27.19 0.84 -12.54	27.67 0.82 -13.25	28.62 0.69 -14.39	28.59 0.72 -14.69	28.86 0.61 -16.77	29.99 0.46 -21.23	32.38 0.56 -20.24	38.67 0.86 -19.79	51.38 1.20 -26.69	44.85 1.34 -17.21	34.49 1.54 -3.90	32.24 1.59 -3.29	27.79 2.09 -0.28	22.82 1.71 0.00
BATAVIA___115KV_TB1 55881	9.96 0.21 -4.64	9.92 0.23 -4.03	9.90 0.22 -3.65	8.99 0.20 -3.68	8.91 0.18 -3.64	9.99 0.30 -3.27	14.18 0.49 -2.04	11.39 0.24 -4.11	10.72 0.15 -4.96	15.59 0.23 -3.73	17.29 0.18 -3.30	17.26 0.18 -3.48	17.49 0.19 -3.76	17.23 0.21 -3.84	16.12 0.23 -4.40	14.01 0.14 -5.57	17.13 0.27 -5.28	23.43 0.34 -5.08	30.53 0.26 -6.78	30.89 0.29 -4.30	29.98 0.06 -0.87	28.05 -0.05 -0.74	25.61 0.18 0.00	21.73 0.61 0.00
BAYONEEC___CTG1 323682	22.71 0.36 -17.25	21.04 0.39 -14.99	19.98 0.38 -13.57	19.11 0.33 -13.68	18.92 0.32 -13.51	19.01 0.43 -12.16	19.99 0.76 -7.59	22.79 0.47 -15.28	24.41 0.38 -18.42	26.37 0.79 -13.95	27.25 0.90 -12.54	27.73 0.88 -13.25	28.80 0.88 -14.39	28.72 0.86 -14.69	28.99 0.75 -16.76	30.06 0.54 -21.23	32.56 0.73 -20.24	38.97 1.17 -19.79	51.68 1.50 -26.69	45.19 1.68 -17.20	34.76 1.80 -3.90	32.49 1.83 -3.29	27.51 1.81 -0.28	22.55 1.44 0.00
BAYONEEC___CTG10 323750	22.71 0.36 -17.25	21.04 0.39 -14.99	19.98 0.38 -13.57	19.11 0.33 -13.68	18.92 0.32 -13.51	19.01 0.43 -12.16	19.99 0.76 -7.59	22.79 0.47 -15.28	24.41 0.38 -18.42	26.37 0.79 -13.95	27.25 0.90 -12.54	27.73 0.88 -13.25	28.80 0.88 -14.39	28.72 0.86 -14.69	28.99 0.75 -16.76	30.06 0.54 -21.23	32.56 0.73 -20.24	38.97 1.17 -19.79	51.68 1.50 -26.69	45.19 1.68 -17.20	34.76 1.80 -3.90	32.49 1.83 -3.29	27.51 1.81 -0.28	22.55 1.44 0.00
BAYONEEC___CTG2 323683	22.71 0.36 -17.25	21.04 0.39 -14.99	19.98 0.38 -13.57	19.11 0.33 -13.68	18.92 0.32 -13.51	19.01 0.43 -12.16	19.99 0.76 -7.59	22.79 0.47 -15.28	24.41 0.38 -18.42	26.37 0.79 -13.95	27.25 0.90 -12.54	27.73 0.88 -13.25	28.80 0.88 -14.39	28.72 0.86 -14.69	28.99 0.75 -16.76	30.06 0.54 -21.23	32.56 0.73 -20.24	38.97 1.17 -19.79	51.68 1.50 -26.69	45.19 1.68 -17.20	34.76 1.80 -3.90	32.49 1.83 -3.29	27.51 1.81 -0.28	22.55 1.44 0.00
BAYONEEC___CTG3 323684	22.71 0.36 -17.25	21.04 0.39 -14.99	19.98 0.38 -13.57	19.11 0.33 -13.68	18.92 0.32 -13.51	19.01 0.43 -12.16	19.99 0.76 -7.59	22.79 0.47 -15.28	24.41 0.38 -18.42	26.37 0.79 -13.95	27.25 0.90 -12.54	27.73 0.88 -13.25	28.80 0.88 -14.39	28.72 0.86 -14.69	28.99 0.75 -16.76	30.06 0.54 -21.23	32.56 0.73 -20.24	38.97 1.17 -19.79	51.68 1.50 -26.69	45.19 1.68 -17.20	34.76 1.80 -3.90	32.49 1.83 -3.29	27.51 1.81 -0.28	22.55 1.44 0.00
BAYONEEC___CTG4 323685	22.71 0.36 -17.25	21.04 0.39 -14.99	19.98 0.38 -13.57	19.11 0.33 -13.68	18.92 0.32 -13.51	19.01 0.43 -12.16	19.99 0.76 -7.59	22.79 0.47 -15.28	24.41 0.38 -18.42	26.37 0.79 -13.95	27.25 0.90 -12.54	27.73 0.88 -13.25	28.80 0.88 -14.39	28.72 0.86 -14.69	28.99 0.75 -16.76	30.06 0.54 -21.23	32.56 0.73 -20.24	38.97 1.17 -19.79	51.68 1.50 -26.69	45.19 1.68 -17.20	34.76 1.80 -3.90	32.49 1.83 -3.29	27.51 1.81 -0.28	22.55 1.44 0.00
BAYONEEC___CTG5 323686	22.71 0.36 -17.25	21.04 0.39 -14.99	19.98 0.38 -13.57	19.11 0.33 -13.68	18.92 0.32 -13.51	19.01 0.43 -12.16	19.99 0.76 -7.59	22.79 0.47 -15.28	24.41 0.38 -18.42	26.37 0.79 -13.95	27.25 0.90 -12.54	27.73 0.88 -13.25	28.80 0.88 -14.39	28.72 0.86 -14.69	28.99 0.75 -16.76	30.06 0.54 -21.23	32.56 0.73 -20.24	38.97 1.17 -19.79	51.68 1.50 -26.69	45.19 1.68 -17.20	34.76 1.80 -3.90	32.49 1.83 -3.29	27.51 1.81 -0.28	22.55 1.44 0.00
BAYONEEC___CTG6 323687	22.71 0.36 -17.25	21.04 0.39 -14.99	19.98 0.38 -13.57	19.11 0.33 -13.68	18.92 0.32 -13.51	19.01 0.43 -12.16	19.99 0.76 -7.59	22.79 0.47 -15.28	24.41 0.38 -18.42	26.37 0.79 -13.95	27.25 0.90 -12.54	27.73 0.88 -13.25	28.80 0.88 -14.39	28.72 0.86 -14.69	28.99 0.75 -16.76	30.06 0.54 -21.23	32.56 0.73 -20.24	38.97 1.17 -19.79	51.68 1.50 -26.69	45.19 1.68 -17.20	34.76 1.80 -3.90	32.49 1.83 -3.29	27.51 1.81 -0.28	22.55 1.44 0.00
BAYONEEC___CTG7 323688	22.71 0.36 -17.25	21.04 0.39 -14.99	19.98 0.38 -13.57	19.11 0.33 -13.68	18.92 0.32 -13.51	19.01 0.43 -12.16	19.99 0.76 -7.59	22.79 0.47 -15.28	24.41 0.38 -18.42	26.37 0.79 -13.95	27.25 0.90 -12.54	27.73 0.88 -13.25	28.80 0.88 -14.39	28.72 0.86 -14.69	28.99 0.75 -16.76	30.06 0.54 -21.23	32.56 0.73 -20.24	38.97 1.17 -19.79	51.68 1.50 -26.69	45.19 1.68 -17.20	34.76 1.80 -3.90	32.49 1.83 -3.29	27.51 1.81 -0.28	22.55 1.44 0.00
BAYONEEC___CTG8 323689	22.71 0.36 -17.25	21.04 0.39 -14.99	19.98 0.38 -13.57	19.11 0.33 -13.68	18.92 0.32 -13.51	19.01 0.43 -12.16	19.99 0.76 -7.59	22.79 0.47 -15.28	24.41 0.38 -18.42	26.37 0.79 -13.95	27.25 0.90 -12.54	27.73 0.88 -13.25	28.80 0.88 -14.39	28.72 0.86 -14.69	28.99 0.75 -16.76	30.06 0.54 -21.23	32.56 0.73 -20.24	38.97 1.17 -19.79	51.68 1.50 -26.69	45.19 1.68 -17.20	34.76 1.80 -3.90	32.49 1.83 -3.29	27.51 1.81 -0.28	22.55 1.44 0.00

BAYONEEC___CTG9 323749	22.71 0.36 -17.25	21.04 0.39 -14.99	19.98 0.38 -13.57	19.11 0.33 -13.68	18.92 0.32 -13.51	19.01 0.43 -12.16	19.99 0.76 -7.59	22.79 0.47 -15.28	24.41 0.38 -18.42	26.37 0.79 -13.95	27.25 0.90 -12.54	27.73 0.88 -13.25	28.80 0.88 -14.39	28.72 0.86 -14.69	28.99 0.75 -16.76	30.06 0.54 -21.23	32.56 0.73 -20.24	38.97 1.17 -19.79	51.68 1.50 -26.69	45.19 1.68 -17.20	34.76 1.80 -3.90	32.49 1.83 -3.29	27.51 1.81 -0.28	22.55 1.44 0.00
BEACON___LESR 323632	26.20 0.25 -20.85	24.04 0.27 -18.11	22.71 0.28 -16.40	21.88 0.24 -16.53	21.66 0.24 -16.32	21.42 0.31 -14.69	21.40 0.58 -9.17	25.85 0.35 -18.46	28.15 0.29 -22.25	28.89 0.59 -16.67	29.04 0.70 -14.53	29.60 0.68 -15.32	30.71 0.69 -16.49	30.70 0.67 -16.86	31.43 0.57 -19.37	33.23 0.41 -24.52	35.29 0.60 -23.10	40.94 1.01 -21.92	53.83 1.31 -29.03	45.94 1.50 -18.15	33.94 1.60 -3.29	31.57 1.42 -2.78	26.43 1.27 0.27	22.13 1.01 0.00
BEAVER RIVER___HYD 24048	6.80 -0.04 -1.73	7.21 -0.03 -1.58	7.48 -0.03 -1.49	6.51 -0.04 -1.44	6.48 -0.04 -1.43	7.77 -0.04 -1.39	11.15 -0.03 0.46	7.32 -0.13 -0.41	6.54 -0.09 -1.01	10.78 -0.14 0.71	14.10 -0.06 -0.34	12.34 -0.08 1.18	12.26 -0.15 1.13	12.22 -0.14 0.81	11.69 -0.14 -0.35	9.96 -0.02 -1.69	13.10 -0.03 -1.55	17.76 0.02 0.27	25.64 0.09 -2.06	27.76 0.16 -1.30	29.58 0.26 -0.26	27.84 0.25 -0.22	25.58 0.15 0.00	21.16 0.04 0.00
BEEBEE_GT_13 23619	9.46 0.13 -4.23	9.47 0.14 -3.67	9.48 0.13 -3.33	8.58 0.12 -3.35	8.51 0.11 -3.31	9.59 0.19 -2.98	13.83 0.33 -1.86	10.98 0.19 -3.74	10.27 0.14 -4.51	15.27 0.24 -3.40	17.06 0.25 -3.00	17.03 0.26 -3.17	17.22 0.26 -3.43	16.94 0.26 -3.50	15.76 0.26 -4.01	13.54 0.17 -5.08	16.66 0.27 -4.81	23.01 0.38 -4.63	30.06 0.40 -6.18	30.67 0.45 -3.92	30.14 0.29 -0.80	28.21 0.16 -0.67	25.53 0.10 0.00	21.41 0.30 0.00
BENSHRST_27_KV_BENSHRST_1 355998	22.76 0.41 -17.25	21.09 0.44 -14.99	20.01 0.42 -13.57	19.14 0.35 -13.68	18.95 0.35 -13.51	19.04 0.46 -12.16	20.00 0.77 -7.59	22.81 0.49 -15.28	24.43 0.39 -18.42	26.39 0.81 -13.95	27.29 0.94 -12.54	27.78 0.92 -13.25	28.84 0.92 -14.39	28.76 0.90 -14.69	29.04 0.79 -16.76	30.10 0.57 -21.23	32.60 0.78 -20.24	39.08 1.28 -19.79	51.80 1.62 -26.69	45.35 1.84 -17.20	34.96 2.00 -3.90	32.60 1.94 -3.29	27.61 1.91 -0.28	22.72 1.60 0.00
BETHLEHEM___GRP 23843	26.16 0.19 -20.87	24.00 0.21 -18.13	22.66 0.22 -16.42	21.84 0.18 -16.55	21.62 0.19 -16.34	21.37 0.24 -14.71	21.27 0.44 -9.18	25.79 0.27 -18.48	28.10 0.21 -22.28	28.75 0.43 -16.69	28.88 0.51 -14.56	29.45 0.50 -15.35	30.57 0.51 -16.52	30.57 0.50 -16.89	31.33 0.44 -19.41	33.18 0.31 -24.58	35.18 0.44 -23.15	40.74 0.74 -21.99	53.59 0.96 -29.14	45.61 1.08 -18.23	33.54 1.16 -3.32	31.25 1.07 -2.81	26.14 0.97 0.26	21.89 0.78 0.00
BETHLEHEM___GS1 323560	26.16 0.19 -20.87	24.00 0.21 -18.13	22.66 0.22 -16.42	21.84 0.18 -16.55	21.62 0.19 -16.34	21.37 0.24 -14.71	21.27 0.44 -9.18	25.79 0.27 -18.48	28.10 0.21 -22.28	28.75 0.43 -16.69	28.88 0.51 -14.56	29.45 0.50 -15.35	30.57 0.51 -16.52	30.57 0.50 -16.89	31.33 0.44 -19.41	33.18 0.31 -24.58	35.18 0.44 -23.15	40.74 0.74 -21.99	53.59 0.96 -29.14	45.61 1.08 -18.23	33.54 1.16 -3.32	31.24 1.07 -2.81	26.14 0.97 0.26	21.90 0.78 0.00
BETHLEHEM___GS2 323561	26.16 0.19 -20.87	24.00 0.21 -18.13	22.66 0.22 -16.42	21.84 0.18 -16.55	21.62 0.19 -16.34	21.37 0.24 -14.71	21.27 0.44 -9.18	25.79 0.27 -18.48	28.10 0.21 -22.28	28.75 0.43 -16.69	28.88 0.51 -14.56	29.45 0.50 -15.35	30.57 0.51 -16.52	30.57 0.50 -16.89	31.33 0.44 -19.41	33.18 0.31 -24.58	35.18 0.44 -23.15	40.74 0.74 -21.99	53.59 0.96 -29.14	45.61 1.08 -18.23	33.54 1.16 -3.32	31.24 1.07 -2.81	26.14 0.97 0.26	21.90 0.78 0.00
BETHLEHEM___GS3 323562	26.16 0.19 -20.87	24.00 0.21 -18.13	22.66 0.22 -16.42	21.84 0.18 -16.55	21.62 0.19 -16.34	21.37 0.24 -14.71	21.27 0.44 -9.18	25.79 0.27 -18.48	28.10 0.21 -22.28	28.75 0.43 -16.69	28.88 0.51 -14.56	29.45 0.50 -15.35	30.57 0.51 -16.52	30.57 0.50 -16.89	31.33 0.44 -19.41	33.18 0.31 -24.58	35.18 0.44 -23.15	40.74 0.74 -21.99	53.59 0.96 -29.14	45.61 1.08 -18.23	33.54 1.16 -3.32	31.24 1.07 -2.81	26.14 0.97 0.26	21.90 0.78 0.00
BETHLEHEM___STEEL 23779	10.30 0.14 -5.06	10.20 0.15 -4.39	10.14 0.14 -3.98	9.25 0.13 -4.01	9.15 0.10 -3.96	10.17 0.18 -3.56	14.19 0.31 -2.22	11.65 0.13 -4.48	11.05 0.04 -5.40	15.68 -0.01 -4.06	17.30 -0.10 -3.59	17.30 -0.10 -3.79	17.56 -0.07 -4.10	17.31 -0.05 -4.19	16.28 0.00 -4.79	14.33 -0.03 -6.07	17.36 0.02 -5.75	23.47 -0.07 -5.53	30.57 -0.31 -7.39	30.59 -0.39 -4.69	29.39 -0.61 -0.95	27.57 -0.60 -0.80	25.55 0.13 0.00	21.79 0.68 0.00
BETHLHEM_115KV_TB1 79974	26.16 0.19 -20.86	23.99 0.21 -18.12	22.66 0.22 -16.41	21.84 0.19 -16.55	21.62 0.19 -16.34	21.37 0.24 -14.70	21.28 0.45 -9.17	25.78 0.27 -18.47	28.10 0.21 -22.27	28.75 0.43 -16.69	28.88 0.51 -14.56	29.48 0.52 -15.36	30.59 0.51 -16.54	30.59 0.50 -16.91	31.34 0.44 -19.42	33.19 0.31 -24.59	35.20 0.44 -23.18	40.77 0.74 -22.03	53.65 0.96 -29.20	45.66 1.08 -18.28	33.57 1.16 -3.35	31.27 1.07 -2.83	26.15 0.97 0.24	21.92 0.80 0.00
BETHPAGE_CC_5 323564	22.79 0.44 -17.26	21.16 0.51 -14.99	20.06 0.46 -13.57	19.21 0.42 -13.69	19.02 0.42 -13.51	19.15 0.57 -12.16	20.03 0.79 -7.59	22.88 0.56 -15.28	24.48 0.45 -18.42	26.43 0.85 -13.96	27.36 1.01 -12.54	27.83 0.98 -13.25	28.79 0.87 -14.39	28.78 0.91 -14.69	29.02 0.77 -16.77	30.31 0.58 -21.43	32.71 0.68 -20.44	39.91 1.04 -20.85	52.83 1.46 -27.89	45.11 1.60 -17.21	34.98 1.86 -4.07	32.78 1.89 -3.52	28.33 2.37 -0.53	23.05 1.94 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	10.31 0.13 -5.09	10.21 0.14 -4.42	10.15 0.12 -4.00	9.26 0.12 -4.03	9.16 0.09 -3.98	10.17 0.16 -3.59	14.17 0.28 -2.24	11.66 0.11 -4.50	11.07 0.03 -5.43	15.67 -0.05 -4.09	17.30 -0.12 -3.61	17.29 -0.12 -3.81	17.56 -0.09 -4.12	17.31 -0.08 -4.21	16.28 -0.02 -4.82	14.34 -0.06 -6.11	17.36 -0.01 -5.78	23.47 -0.11 -5.57	30.59 -0.33 -7.43	30.57 -0.45 -4.71	29.37 -0.64 -0.96	27.55 -0.63 -0.81	25.63 0.20 0.00	21.85 0.74 0.00
BINGHAMTON___COGEN 23790	13.01 0.18 -7.73	12.57 0.20 -6.72	12.30 0.20 -6.08	11.41 0.18 -6.13	11.31 0.16 -6.05	12.10 0.23 -5.45	15.47 0.42 -3.40	14.14 0.25 -6.85	14.06 0.20 -8.25	18.22 0.38 -6.21	19.74 0.44 -5.49	19.83 0.44 -5.79	20.23 0.43 -6.26	20.00 0.42 -6.40	19.18 0.37 -7.33	17.82 0.25 -9.28	20.73 0.36 -8.79	27.01 0.54 -8.46	35.46 0.68 -11.30	34.23 0.76 -7.16	31.26 0.76 -1.45	29.31 0.71 -1.23	26.24 0.81 0.00	21.89 0.78 0.00
BIXINCNT_115KV_LOAD 355685	10.36 0.03 -5.23	10.23 0.03 -4.54	10.16 0.02 -4.11	9.27 0.02 -4.15	9.17 -0.02 -4.09	10.13 0.03 -3.69	13.98 0.03 -2.30	11.63 -0.04 -4.63	11.09 -0.11 -5.58	15.48 -0.35 -4.20	17.01 -0.51 -3.71	17.04 -0.48 -3.92	17.28 -0.49 -4.24	17.04 -0.46 -4.33	16.07 -0.37 -4.96	14.24 -0.33 -6.28	17.16 -0.37 -5.94	23.13 -0.59 -5.72	30.35 -0.78 -7.64	30.20 -0.95 -4.85	28.96 -1.07 -0.98	27.21 -0.99 -0.83	25.58 0.15 0.00	21.85 0.74 0.00

BLACK RIVER___HYD 24047	7.36 0.01 -2.25	7.69 0.03 -2.00	7.90 0.02 -1.85	6.95 0.02 -1.83	6.91 0.01 -1.81	8.14 0.02 -1.70	11.88 0.09 -0.14	8.22 -0.03 -1.21	7.43 -0.01 -1.82	12.01 0.03 -0.35	14.91 0.12 -0.98	13.66 0.10 0.03	13.64 0.04 -0.06	13.52 0.04 -0.30	12.74 0.02 -1.23	10.78 0.07 -2.42	13.96 0.12 -2.26	19.24 0.27 -0.96	26.86 0.42 -2.95	28.73 0.55 -1.87	30.10 0.67 -0.38	28.27 0.58 -0.32	25.83 0.41 0.00	21.35 0.23 0.00
BLACKRVR_115KV_TB2 79977	7.36 0.02 -2.25	7.69 0.03 -2.00	7.90 0.02 -1.85	6.95 0.02 -1.83	6.91 0.01 -1.81	8.14 0.02 -1.70	11.88 0.09 -0.14	8.22 -0.03 -1.21	7.43 -0.01 -1.82	12.01 0.03 -0.35	14.91 0.12 -0.98	13.66 0.10 0.03	13.64 0.04 -0.06	13.52 0.04 -0.30	12.74 0.02 -1.23	10.78 0.07 -2.42	13.96 0.12 -2.26	19.24 0.27 -0.96	26.86 0.42 -2.95	28.72 0.55 -1.87	30.10 0.67 -0.38	28.27 0.57 -0.32	25.83 0.41 0.00	21.35 0.23 0.00
BLISS_WT_PWR 323608	10.29 -0.04 -5.23	10.21 0.01 -4.54	10.13 -0.01 -4.11	9.24 -0.01 -4.15	9.14 -0.05 -4.09	10.10 -0.01 -3.69	13.91 -0.03 -2.30	11.59 -0.08 -4.63	11.05 -0.15 -5.58	15.39 -0.44 -4.20	16.90 -0.62 -3.71	16.94 -0.58 -3.92	17.18 -0.60 -4.24	16.94 -0.57 -4.33	15.98 -0.46 -4.96	14.17 -0.40 -6.28	17.07 -0.46 -5.94	22.99 -0.74 -5.72	30.21 -0.92 -7.64	30.07 -1.08 -4.85	28.84 -1.19 -0.98	27.10 -1.10 -0.83	25.50 0.08 0.00	21.79 0.68 0.00
BLUESTONE___WT_PWR 323821	13.95 0.33 -8.52	13.45 0.40 -7.40	13.13 0.41 -6.70	12.20 0.35 -6.75	12.09 0.33 -6.67	12.87 0.44 -6.00	16.24 0.85 -3.74	15.09 0.51 -7.54	15.12 0.42 -9.09	19.40 0.93 -6.84	21.00 1.15 -6.05	21.10 1.12 -6.38	21.54 1.11 -6.90	21.25 1.03 -7.05	20.44 0.88 -8.07	19.15 0.63 -10.22	22.16 0.89 -9.68	28.75 1.42 -9.32	37.81 1.88 -12.44	36.35 2.16 -7.89	33.04 2.38 -1.60	30.88 2.16 -1.35	27.44 2.01 0.00	22.78 1.67 0.00
BLUE_CIRC_CHEM_DRP 24182	25.88 0.22 -20.56	23.76 0.24 -17.86	22.46 0.26 -16.17	21.63 0.22 -16.30	21.41 0.22 -16.10	21.19 0.28 -14.49	21.20 0.51 -9.04	25.55 0.30 -18.20	27.80 0.24 -21.95	28.58 0.49 -16.47	28.80 0.58 -14.41	29.38 0.57 -15.20	30.49 0.57 -16.39	30.48 0.55 -16.75	31.19 0.48 -19.23	32.99 0.35 -24.35	35.06 0.50 -22.97	40.74 0.83 -21.90	53.66 1.08 -29.09	45.78 1.21 -18.27	33.84 1.34 -3.45	31.48 1.20 -2.91	26.34 1.09 0.18	22.00 0.89 0.00
BOC_GAS_DRP 24189	26.12 0.18 -20.84	23.96 0.20 -18.10	22.63 0.22 -16.39	21.81 0.18 -16.52	21.59 0.18 -16.32	21.34 0.24 -14.68	21.23 0.42 -9.16	25.75 0.25 -18.45	28.05 0.20 -22.24	28.72 0.41 -16.69	28.91 0.48 -14.61	29.49 0.48 -15.41	30.63 0.47 -16.62	30.62 0.46 -16.98	31.38 0.40 -19.49	33.27 0.29 -24.69	35.29 0.41 -23.29	40.89 0.67 -22.22	53.87 0.87 -29.51	45.82 0.97 -18.54	33.63 1.07 -3.51	31.34 1.01 -2.96	26.19 0.94 0.18	21.87 0.76 0.00
BOONVILLE_115KV_TB1 79983	6.44 0.08 -1.26	6.88 0.10 -1.12	7.16 0.10 -1.04	6.20 0.08 -1.03	6.18 0.07 -1.01	7.48 0.10 -0.96	12.18 0.22 -0.31	7.94 0.06 -0.84	6.80 0.06 -1.12	12.31 0.17 -0.51	14.75 0.29 -0.65	14.20 0.27 -0.32	14.16 0.24 -0.38	13.87 0.22 -0.47	12.52 0.20 -0.84	9.83 0.18 -1.36	13.11 0.25 -1.27	19.25 0.43 -0.81	25.75 0.61 -1.65	28.06 0.71 -1.05	30.11 0.84 -0.21	28.29 0.74 -0.18	26.06 0.64 0.00	21.58 0.46 0.00
BORALEX_4TH_BRANCH 23824	25.97 0.23 -20.63	23.84 0.26 -17.92	22.53 0.27 -16.23	21.69 0.22 -16.36	21.47 0.22 -16.16	21.26 0.30 -14.54	21.29 0.57 -9.07	25.64 0.33 -18.27	27.90 0.26 -22.03	28.51 0.55 -16.34	28.32 0.65 -13.86	28.82 0.64 -14.58	29.76 0.65 -15.57	29.74 0.62 -15.95	30.48 0.56 -18.44	32.03 0.40 -23.34	33.92 0.59 -21.74	39.07 1.01 -20.05	50.88 1.32 -26.08	43.53 1.45 -15.78	32.64 1.51 -2.08	30.53 1.40 -1.76	25.93 1.27 0.77	22.13 1.01 0.00
BOWLINE___1 23526	21.28 0.30 -15.88	19.78 0.33 -13.79	18.85 0.33 -12.49	17.98 0.29 -12.59	17.80 0.27 -12.43	17.98 0.37 -11.19	19.27 0.64 -6.98	21.50 0.40 -14.06	22.88 0.32 -16.95	25.12 0.66 -12.83	26.08 0.76 -11.51	26.51 0.75 -12.16	27.46 0.73 -13.20	27.36 0.71 -13.47	27.50 0.63 -15.38	28.22 0.45 -19.48	30.75 0.60 -18.56	37.13 1.01 -18.11	49.22 1.34 -24.40	43.50 1.50 -15.70	34.17 1.60 -3.52	31.89 1.56 -2.96	27.16 1.50 -0.23	22.30 1.18 0.00
BOWLINE___2 23595	21.28 0.30 -15.88	19.78 0.33 -13.79	18.85 0.33 -12.49	17.98 0.29 -12.59	17.80 0.27 -12.43	17.98 0.37 -11.19	19.27 0.64 -6.98	21.50 0.40 -14.06	22.88 0.32 -16.95	25.12 0.66 -12.83	26.08 0.76 -11.51	26.51 0.75 -12.16	27.46 0.73 -13.20	27.36 0.71 -13.47	27.50 0.63 -15.38	28.22 0.45 -19.48	30.75 0.60 -18.56	37.13 1.01 -18.11	49.22 1.34 -24.40	43.50 1.50 -15.70	34.17 1.60 -3.52	31.89 1.56 -2.96	27.16 1.50 -0.23	22.30 1.18 0.00
BRADY___115KV_TB2 356060	5.75 -0.11 -0.76	6.29 -0.12 -0.75	6.68 -0.10 -0.76	5.68 -0.11 -0.69	5.68 -0.10 -0.68	7.02 -0.15 -0.75	7.20 -0.26 4.19	4.00 -0.16 2.88	3.88 -0.13 1.60	5.13 -0.24 6.25	11.61 -0.28 1.93	6.16 -0.30 7.14	5.95 -0.35 7.24	6.57 -0.36 6.25	8.23 -0.31 2.94	8.50 -0.21 -0.41	11.47 -0.32 -0.21	11.93 -0.49 5.60	23.45 -0.54 -0.50	26.01 -0.60 -0.32	28.62 -0.49 -0.06	27.07 -0.36 -0.05	25.17 -0.25 0.00	20.84 -0.27 0.00
BRANSCOMB___SOLAR 323811	26.70 0.28 -21.33	24.49 0.31 -18.53	23.15 0.34 -16.78	22.30 0.29 -16.92	22.08 0.28 -16.70	21.81 0.36 -15.03	21.71 0.69 -9.38	26.34 0.42 -18.89	28.71 0.33 -22.77	29.37 0.69 -17.05	29.48 0.81 -14.86	30.09 0.82 -15.67	31.20 0.80 -16.87	31.21 0.79 -17.24	31.94 0.64 -19.82	33.84 0.46 -25.09	35.88 0.66 -23.63	41.53 1.10 -22.43	54.65 1.46 -29.70	46.52 1.66 -18.57	34.16 1.74 -3.36	31.74 1.53 -2.84	26.47 1.32 0.28	22.17 1.06 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	22.86 0.50 -17.26	21.23 0.58 -14.99	20.12 0.52 -13.57	19.27 0.48 -13.69	19.08 0.47 -13.51	19.23 0.65 -12.16	20.14 0.91 -7.59	22.96 0.64 -15.28	24.55 0.51 -18.42	26.53 0.95 -13.96	27.50 1.15 -12.54	27.95 1.10 -13.25	28.87 0.95 -14.39	28.87 1.00 -14.69	29.10 0.85 -16.77	31.64 0.64 -22.71	34.09 0.75 -21.75	46.81 1.15 -27.65	60.62 1.60 -35.54	45.31 1.79 -17.22	36.26 2.06 -5.14	34.50 2.08 -5.05	30.19 2.59 -2.17	23.35 2.24 0.00
BRISTLHL_115KV_TB1 79998	8.31 0.02 -3.19	8.45 0.02 -2.77	8.55 0.01 -2.51	7.64 0.01 -2.53	7.60 0.01 -2.50	8.70 0.03 -2.25	13.11 0.06 -1.40	9.91 0.04 -2.83	9.06 0.03 -3.41	14.26 0.07 -2.57	16.16 0.08 -2.27	16.08 0.08 -2.39	16.20 0.08 -2.59	15.91 0.09 -2.64	14.58 0.07 -3.03	12.17 0.04 -3.83	15.28 0.07 -3.63	21.57 0.07 -3.49	28.22 0.07 -4.66	29.34 0.08 -2.96	29.68 0.03 -0.60	27.88 0.00 -0.51	25.38 -0.05 0.00	21.07 -0.04 0.00
BROOKHAVEN___DRP 24191	22.92 0.56 -17.26	21.29 0.64 -14.99	20.18 0.58 -13.57	19.32 0.53 -13.69	19.13 0.53 -13.51	19.30 0.72 -12.16	20.26 1.03 -7.59	23.04 0.72 -15.28	24.61 0.57 -18.42	26.66 1.08 -13.96	27.65 1.30 -12.54	28.10 1.25 -13.25	29.02 1.10 -14.39	29.03 1.16 -14.70	29.24 0.99 -16.77	36.60 0.75 -27.56	39.18 0.90 -26.69	72.84 1.39 -53.45	90.01 1.90 -64.62	45.72 2.13 -17.29	40.73 2.44 -9.24	40.64 2.44 -10.83	36.73 2.92 -8.38	23.61 2.49 -0.01

BROOKLYN_NAVY_YARD 23515	22.69 0.34 -17.25	21.02 0.37 -14.99	19.94 0.36 -13.56	19.08 0.31 -13.68	18.89 0.30 -13.50	18.99 0.41 -12.16	19.97 0.73 -7.59	22.78 0.46 -15.28	24.40 0.37 -18.42	26.36 0.78 -13.95	27.22 0.87 -12.54	27.69 0.84 -13.25	28.76 0.84 -14.39	28.68 0.82 -14.69	28.97 0.72 -16.76	30.05 0.52 -21.23	32.53 0.71 -20.24	38.94 1.14 -19.79	51.66 1.48 -26.69	45.16 1.66 -17.20	34.73 1.77 -3.90	32.44 1.78 -3.29	27.49 1.78 -0.28	22.51 1.39 0.00
BROOKLYN___ARMY_DRP 323595	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.97 0.73 -7.59	22.78 0.46 -15.28	24.40 0.37 -18.42	26.36 0.78 -13.95	27.25 0.90 -12.54	27.74 0.88 -13.25	28.79 0.87 -14.39	28.71 0.84 -14.69	29.01 0.76 -16.76	30.06 0.54 -21.23	32.56 0.73 -20.24	38.99 1.19 -19.79	51.70 1.53 -26.69	45.21 1.71 -17.20	34.84 1.89 -3.90	32.52 1.86 -3.29	27.54 1.83 -0.28	22.63 1.52 0.00
BROOKVLE_69_KV_TB1 55790	22.77 0.41 -17.26	21.12 0.47 -14.99	20.03 0.43 -13.57	19.18 0.39 -13.69	18.99 0.39 -13.51	19.11 0.53 -12.16	20.03 0.79 -7.59	22.86 0.54 -15.28	24.46 0.43 -18.42	26.42 0.84 -13.96	27.34 0.99 -12.54	27.83 0.98 -13.25	28.83 0.91 -14.39	28.79 0.92 -14.69	29.04 0.79 -16.77	30.12 0.59 -21.23	32.58 0.75 -20.24	38.99 1.19 -19.79	51.80 1.62 -26.69	45.29 1.79 -17.21	34.96 2.00 -3.90	32.66 2.00 -3.29	27.89 2.19 -0.28	22.89 1.77 0.00
BROOME_2_LFGE 323671	12.99 0.16 -7.73	12.57 0.20 -6.72	12.30 0.20 -6.08	11.41 0.18 -6.13	11.31 0.16 -6.05	12.10 0.23 -5.45	15.47 0.42 -3.40	14.14 0.25 -6.85	14.06 0.20 -8.25	18.22 0.38 -6.21	19.74 0.44 -5.49	19.83 0.44 -5.79	20.23 0.43 -6.26	20.00 0.42 -6.40	19.18 0.37 -7.33	17.82 0.25 -9.28	20.74 0.36 -8.79	27.00 0.54 -8.46	35.46 0.68 -11.30	34.23 0.76 -7.16	31.26 0.75 -1.45	29.31 0.71 -1.23	26.24 0.81 0.00	21.90 0.78 0.00
BROOME___LFGE 323600	12.99 0.16 -7.73	12.57 0.20 -6.72	12.30 0.20 -6.08	11.41 0.18 -6.13	11.31 0.16 -6.05	12.10 0.23 -5.45	15.47 0.42 -3.40	14.14 0.25 -6.85	14.06 0.20 -8.25	18.22 0.38 -6.21	19.74 0.44 -5.49	19.83 0.44 -5.79	20.23 0.43 -6.26	20.00 0.42 -6.40	19.18 0.37 -7.33	17.82 0.25 -9.28	20.74 0.36 -8.79	27.00 0.54 -8.46	35.46 0.68 -11.30	34.23 0.76 -7.16	31.26 0.75 -1.45	29.31 0.71 -1.23	26.24 0.81 0.00	21.90 0.78 0.00
BROWNFLS_115KV_TB_3_5 80003	6.55 -0.11 -1.56	7.04 -0.11 -1.49	7.37 -0.10 -1.45	6.36 -0.10 -1.36	6.34 -0.10 -1.35	7.69 -0.13 -1.40	9.75 -0.21 1.69	6.09 -0.20 0.76	5.56 -0.15 -0.09	8.60 -0.27 2.76	13.02 -0.23 0.56	9.77 -0.29 3.54	9.60 -0.38 3.55	9.83 -0.38 2.96	10.19 -0.33 0.96	9.29 -0.19 -1.18	12.31 -0.29 -1.02	15.22 -0.41 2.38	24.48 -0.45 -1.44	26.74 -0.47 -0.91	28.86 -0.38 -0.19	27.31 -0.22 -0.16	25.25 -0.18 0.00	20.88 -0.23 0.00
BROWNSV1_27_KV_LOAD 356125	22.75 0.39 -17.25	21.07 0.42 -14.99	20.01 0.42 -13.57	19.14 0.36 -13.68	18.95 0.35 -13.51	19.05 0.47 -12.16	20.06 0.83 -7.59	22.84 0.52 -15.28	24.45 0.42 -18.42	26.45 0.87 -13.95	27.34 0.99 -12.54	27.83 0.98 -13.25	28.91 0.99 -14.39	28.81 0.95 -14.69	29.09 0.84 -16.76	30.13 0.61 -21.23	32.65 0.82 -20.24	39.13 1.33 -19.79	51.89 1.71 -26.69	45.42 1.92 -17.20	35.02 2.06 -3.90	32.71 2.05 -3.29	27.72 2.01 -0.28	22.70 1.58 0.00
BURROWS___LYONSDAL 23803	6.51 0.06 -1.35	6.94 0.07 -1.21	7.22 0.07 -1.13	6.27 0.06 -1.11	6.24 0.05 -1.10	7.53 0.07 -1.04	11.97 0.16 -0.15	7.80 0.01 -0.75	6.74 0.02 -1.10	11.99 0.09 -0.27	14.60 0.21 -0.59	13.82 0.19 -0.03	13.78 0.16 -0.09	13.53 0.13 -0.22	12.34 0.11 -0.74	9.86 0.14 -1.42	13.11 0.20 -1.33	18.97 0.36 -0.60	25.73 0.52 -1.73	28.00 0.60 -1.10	30.00 0.73 -0.22	28.22 0.66 -0.19	25.96 0.53 0.00	21.49 0.38 0.00
CAITHNESS_CC_1 323624	22.90 0.54 -17.26	21.27 0.62 -14.99	20.16 0.56 -13.57	19.30 0.52 -13.69	19.12 0.51 -13.51	19.28 0.70 -12.16	20.23 0.99 -7.59	23.02 0.70 -15.28	24.59 0.55 -18.42	26.62 1.03 -13.96	27.59 1.24 -12.54	28.06 1.21 -13.25	28.98 1.06 -14.39	28.99 1.12 -14.69	29.20 0.94 -16.77	36.58 0.71 -27.58	39.16 0.86 -26.71	72.88 1.31 -53.56	90.04 1.81 -64.75	45.58 2.00 -17.29	40.60 2.29 -9.26	40.55 2.33 -10.85	36.68 2.85 -8.41	23.53 2.41 -0.01
CALPINE BETH_PAGE_GT4 24209	22.79 0.44 -17.26	21.16 0.51 -14.99	20.06 0.46 -13.57	19.21 0.42 -13.69	19.02 0.41 -13.51	19.15 0.57 -12.16	20.03 0.79 -7.59	22.88 0.56 -15.28	24.48 0.44 -18.42	26.43 0.85 -13.96	27.36 1.01 -12.54	27.83 0.98 -13.25	28.79 0.87 -14.39	28.78 0.91 -14.69	29.02 0.77 -16.77	30.26 0.58 -21.38	32.64 0.66 -20.39	39.62 1.03 -20.58	52.48 1.41 -27.58	45.09 1.58 -17.21	34.91 1.83 -4.03	32.67 1.83 -3.46	28.24 2.34 -0.47	23.03 1.92 0.00
CALPINE_BETH_PAGE_GT_4 323586	22.79 0.44 -17.26	21.16 0.51 -14.99	20.06 0.46 -13.57	19.21 0.42 -13.69	19.02 0.41 -13.51	19.15 0.57 -12.16	20.03 0.79 -7.59	22.88 0.56 -15.28	24.48 0.44 -18.42	26.43 0.85 -13.96	27.36 1.01 -12.54	27.83 0.98 -13.25	28.79 0.87 -14.39	28.78 0.91 -14.69	29.02 0.77 -16.77	30.26 0.58 -21.38	32.64 0.66 -20.39	39.62 1.03 -20.58	52.48 1.41 -27.58	45.09 1.58 -17.21	34.91 1.83 -4.03	32.67 1.83 -3.46	28.23 2.34 -0.47	23.03 1.92 0.00
CALPINE_BP_GT1 23823	22.79 0.44 -17.26	21.16 0.51 -14.99	20.06 0.46 -13.57	19.21 0.42 -13.69	19.02 0.41 -13.51	19.15 0.57 -12.16	20.03 0.79 -7.59	22.88 0.56 -15.28	24.48 0.44 -18.42	26.43 0.85 -13.96	27.36 1.01 -12.54	27.83 0.98 -13.25	28.79 0.87 -14.39	28.78 0.91 -14.69	29.02 0.77 -16.77	30.26 0.58 -21.38	32.64 0.66 -20.39	39.62 1.03 -20.58	52.48 1.41 -27.58	45.09 1.58 -17.21	34.91 1.83 -4.03	32.67 1.83 -3.46	28.23 2.34 -0.47	23.03 1.92 0.00
CALSPAN___DRP 24200	10.30 0.14 -5.06	10.20 0.15 -4.39	10.14 0.14 -3.98	9.25 0.13 -4.01	9.15 0.10 -3.96	10.17 0.18 -3.56	14.19 0.31 -2.22	11.65 0.13 -4.48	11.05 0.04 -5.40	15.68 -0.01 -4.06	17.30 -0.10 -3.59	17.30 -0.10 -3.79	17.56 -0.07 -4.10	17.31 -0.05 -4.19	16.28 0.00 -4.79	14.33 -0.03 -6.07	17.36 0.02 -5.75	23.47 -0.07 -5.53	30.57 -0.31 -7.39	30.59 -0.39 -4.69	29.39 -0.61 -0.95	27.57 -0.60 -0.80	25.55 0.13 0.00	21.79 0.68 0.00
CALVERTON___SOLAR 323806	22.94 0.58 -17.26	21.31 0.67 -14.99	20.20 0.60 -13.57	19.34 0.55 -13.69	19.15 0.55 -13.51	19.33 0.74 -12.16	20.31 1.07 -7.59	23.07 0.75 -15.28	24.63 0.59 -18.42	26.71 1.13 -13.96	27.70 1.35 -12.54	28.16 1.31 -13.25	29.08 1.15 -14.39	29.08 1.21 -14.70	29.29 1.03 -16.77	36.62 0.78 -27.55	39.24 0.96 -26.69	72.91 1.48 -53.42	90.12 2.04 -64.59	45.85 2.26 -17.29	40.87 2.58 -9.23	40.77 2.57 -10.82	36.85 3.05 -8.38	23.70 2.57 -0.01
CANDIGU_WT_PWR 323617	11.22 0.11 -6.01	11.03 0.16 -5.22	10.90 0.15 -4.73	10.01 0.14 -4.76	9.91 0.11 -4.70	10.84 0.19 -4.23	14.63 0.34 -2.64	12.54 0.18 -5.32	12.14 0.11 -6.41	16.62 0.16 -4.83	18.21 0.14 -4.27	18.24 0.14 -4.50	18.54 0.14 -4.87	18.29 0.15 -4.97	17.31 0.13 -5.69	15.56 0.06 -7.21	18.54 0.13 -6.83	24.74 0.16 -6.57	32.43 0.17 -8.78	32.05 0.19 -5.57	30.24 0.06 -1.13	28.38 0.05 -0.95	25.91 0.48 0.00	21.85 0.74 0.00

CARR STREET_E_SYR 24060	8.84 0.06 -3.68	8.93 0.07 -3.20	8.99 0.07 -2.89	8.08 0.06 -2.92	8.02 0.05 -2.88	9.10 0.09 -2.59	13.43 0.16 -1.62	10.41 0.11 -3.26	9.63 0.08 -3.93	14.76 0.17 -2.96	16.62 0.19 -2.61	16.56 0.20 -2.76	16.72 0.20 -2.98	16.43 0.21 -3.05	15.15 0.17 -3.49	12.83 0.12 -4.42	15.94 0.17 -4.18	22.27 0.23 -4.03	29.14 0.28 -5.38	30.03 0.32 -3.41	30.01 0.26 -0.69	28.17 0.22 -0.58	25.61 0.18 0.00	21.30 0.19 0.00
CARTHAGE___PAPER 23857	7.12 -0.03 -2.05	7.47 -0.02 -1.84	7.71 -0.03 -1.71	6.75 -0.03 -1.68	6.72 -0.04 -1.66	7.96 -0.04 -1.58	11.55 -0.01 0.09	7.84 -0.11 -0.90	7.05 -0.07 -1.51	11.46 -0.10 0.06	14.51 -0.03 -0.73	13.07 -0.05 0.48	13.01 -0.12 0.40	12.93 -0.12 0.13	12.26 -0.11 -0.89	10.42 -0.02 -2.14	13.57 0.00 -1.98	18.57 0.07 -0.49	26.28 0.19 -2.60	28.22 0.26 -1.65	29.77 0.38 -0.34	27.98 0.33 -0.28	25.63 0.20 0.00	21.18 0.06 0.00
CASSADAGA_WT_PWR 323784	10.39 0.07 -5.22	10.31 0.12 -4.54	10.25 0.12 -4.11	9.36 0.11 -4.14	9.24 0.06 -4.09	10.21 0.11 -3.68	14.13 0.19 -2.30	11.72 0.06 -4.62	11.16 -0.03 -5.57	15.66 -0.16 -4.20	17.25 -0.26 -3.71	17.24 -0.27 -3.91	17.55 -0.22 -4.23	17.29 -0.21 -4.32	16.28 -0.15 -4.95	14.42 -0.14 -6.27	17.41 -0.12 -5.94	23.50 -0.22 -5.71	30.71 -0.40 -7.63	30.72 -0.42 -4.84	29.45 -0.58 -0.98	27.73 -0.47 -0.83	25.86 0.43 0.00	22.11 0.99 0.00
CE_DUNWOOD___DRP 24194	22.66 0.33 -17.23	20.99 0.36 -14.97	19.93 0.36 -13.55	19.07 0.31 -13.66	18.88 0.30 -13.49	18.97 0.40 -12.14	19.94 0.71 -7.58	22.74 0.44 -15.26	24.36 0.35 -18.39	26.29 0.73 -13.93	27.17 0.84 -12.52	27.66 0.83 -13.23	28.72 0.81 -14.37	28.64 0.79 -14.67	28.93 0.70 -16.74	30.00 0.51 -21.20	32.48 0.68 -20.21	38.89 1.12 -19.77	51.60 1.46 -26.66	45.11 1.63 -17.18	34.72 1.77 -3.90	32.38 1.72 -3.28	27.39 1.68 -0.28	22.44 1.33 0.00
CE_MILLWOOD___DRP 24193	22.56 0.32 -17.14	20.90 0.36 -14.89	19.86 0.35 -13.48	18.99 0.30 -13.59	18.81 0.30 -13.42	18.89 0.39 -12.08	19.87 0.69 -7.54	22.65 0.43 -15.17	24.25 0.34 -18.29	26.19 0.71 -13.86	27.08 0.81 -12.45	27.56 0.80 -13.16	28.61 0.79 -14.29	28.53 0.76 -14.59	28.81 0.68 -16.65	29.87 0.49 -21.09	32.35 0.66 -20.10	38.76 1.10 -19.66	51.42 1.43 -26.51	44.99 1.60 -17.08	34.64 1.71 -3.87	32.33 1.70 -3.26	27.33 1.63 -0.28	22.40 1.29 0.00
CE_NYC2_DRP 24202	22.72 0.37 -17.25	21.04 0.40 -14.99	19.98 0.38 -13.57	19.11 0.32 -13.68	18.92 0.32 -13.51	19.00 0.42 -12.16	19.93 0.70 -7.59	22.76 0.44 -15.28	24.39 0.35 -18.42	26.31 0.73 -13.95	27.18 0.83 -12.54	27.67 0.82 -13.25	28.74 0.81 -14.39	28.66 0.79 -14.69	28.94 0.69 -16.76	30.02 0.50 -21.23	32.50 0.67 -20.24	38.90 1.10 -19.79	51.58 1.41 -26.69	45.08 1.58 -17.20	34.64 1.69 -3.90	32.35 1.70 -3.29	27.39 1.68 -0.28	22.55 1.44 0.00
CE_NYC_DRP 24195	22.71 0.36 -17.25	21.05 0.40 -14.99	19.98 0.39 -13.57	19.12 0.33 -13.68	18.93 0.33 -13.51	19.02 0.44 -12.16	20.00 0.77 -7.59	22.81 0.49 -15.28	24.42 0.39 -18.42	26.38 0.80 -13.95	27.27 0.93 -12.54	27.76 0.91 -13.25	28.83 0.91 -14.39	28.73 0.87 -14.69	29.02 0.77 -16.76	30.08 0.56 -21.23	32.58 0.75 -20.24	39.01 1.21 -19.79	51.75 1.57 -26.69	45.27 1.76 -17.20	34.84 1.89 -3.90	32.55 1.89 -3.29	27.56 1.86 -0.28	22.59 1.48 0.00
CHAFFEE___LFGE 323603	10.33 0.09 -5.14	10.27 0.14 -4.47	10.20 0.13 -4.05	9.31 0.13 -4.08	9.21 0.09 -4.03	10.22 0.17 -3.62	14.21 0.30 -2.26	11.72 0.12 -4.55	11.14 0.04 -5.49	15.75 -0.01 -4.13	17.37 -0.10 -3.65	17.36 -0.09 -3.85	17.65 -0.05 -4.17	17.39 -0.04 -4.26	16.37 0.01 -4.88	14.43 -0.03 -6.17	17.47 0.03 -5.85	23.58 -0.05 -5.63	30.72 -0.28 -7.51	30.70 -0.37 -4.77	29.44 -0.58 -0.97	27.61 -0.58 -0.82	25.61 0.18 0.00	21.83 0.72 0.00
CHATEAUG_35_KV_LOAD 355732	-0.92 -0.35 5.67	-0.94 -0.38 6.21	-0.96 -0.38 6.61	-0.91 -0.35 5.67	-0.91 -0.33 5.67	-0.99 -0.44 6.97	-0.86 -0.78 11.72	-0.69 -0.46 7.27	-0.18 -0.36 5.43	-0.22 -0.77 11.08	10.61 -0.88 2.32	4.86 -0.84 7.89	4.70 -0.81 8.02	5.46 -0.75 6.97	7.35 -0.64 3.49	7.89 -0.41 0.00	10.82 -0.58 0.19	10.75 -0.88 6.37	22.52 -0.96 0.00	25.25 -1.05 0.00	28.18 -0.87 0.00	26.60 -0.77 0.00	24.82 -0.61 0.00	20.59 -0.53 0.00
CHATEAUG_WT_PWR 323614	-0.53 -0.34 5.29	-0.52 -0.38 5.79	-0.52 -0.39 6.16	-0.53 -0.35 5.28	-0.53 -0.34 5.28	-0.52 -0.45 6.49	-0.53 -0.80 11.38	-0.53 -0.48 7.09	-0.03 -0.38 5.26	-0.11 -0.78 10.96	10.55 -0.90 2.36	4.69 -0.87 8.04	4.54 -0.83 8.17	5.31 -0.76 7.10	7.27 -0.65 3.56	7.88 -0.41 0.00	10.81 -0.58 0.20	10.62 -0.90 6.49	22.48 -1.01 0.00	25.22 -1.08 0.00	28.15 -0.90 0.00	26.60 -0.77 0.00	24.82 -0.61 0.00	20.56 -0.55 0.00
CHAT_HIGH_FALL_HYD 323578	-0.91 -0.34 5.67	-0.94 -0.38 6.21	-0.96 -0.38 6.61	-0.91 -0.35 5.67	-0.91 -0.33 5.67	-0.99 -0.44 6.97	-0.86 -0.78 11.72	-0.69 -0.47 7.27	-0.18 -0.36 5.43	-0.22 -0.77 11.08	10.61 -0.88 2.32	4.86 -0.84 7.89	4.70 -0.81 8.02	5.46 -0.75 6.97	7.35 -0.64 3.49	7.89 -0.41 0.00	10.82 -0.58 0.19	10.75 -0.88 6.37	22.52 -0.96 0.00	25.25 -1.05 0.00	28.18 -0.87 0.00	26.60 -0.77 0.00	24.82 -0.61 0.00	20.59 -0.53 0.00
CHAUTAUQUA___LFGE 323629	10.40 0.12 -5.17	10.33 0.18 -4.49	10.27 0.17 -4.07	9.37 0.16 -4.10	9.27 0.12 -4.05	10.27 0.21 -3.65	14.27 0.35 -2.28	11.78 0.15 -4.58	11.19 0.06 -5.52	15.81 0.02 -4.16	17.44 -0.04 -3.67	17.43 -0.05 -3.88	17.73 0.00 -4.19	17.46 0.00 -4.28	16.44 0.05 -4.90	14.50 -0.01 -6.21	17.53 0.06 -5.88	23.69 0.02 -5.66	30.90 -0.14 -7.56	30.88 -0.21 -4.79	29.65 -0.38 -0.97	27.86 -0.33 -0.82	25.81 0.38 0.00	22.02 0.91 0.00
CHERRYST_13_KV_LD 356241	22.73 0.38 -17.25	21.06 0.41 -14.99	20.00 0.40 -13.57	19.13 0.35 -13.68	18.94 0.34 -13.51	19.04 0.46 -12.16	20.04 0.80 -7.59	22.83 0.51 -15.28	24.44 0.40 -18.42	26.42 0.84 -13.95	27.30 0.95 -12.54	27.79 0.94 -13.25	28.86 0.93 -14.39	28.77 0.91 -14.69	29.05 0.80 -16.76	30.10 0.57 -21.23	32.60 0.78 -20.24	39.06 1.26 -19.79	51.82 1.64 -26.69	45.32 1.81 -17.20	34.90 1.95 -3.90	32.60 1.94 -3.29	27.64 1.93 -0.28	22.63 1.52 0.00
CHESTROR_138KV_BK263 355645	21.16 0.31 -15.75	19.68 0.33 -13.68	18.75 0.33 -12.39	17.88 0.29 -12.49	17.70 0.27 -12.33	17.88 0.36 -11.10	19.20 0.63 -6.93	21.38 0.39 -13.95	22.74 0.31 -16.82	24.98 0.63 -12.73	25.95 0.73 -11.41	26.38 0.72 -12.05	27.34 0.72 -13.08	27.23 0.70 -13.36	27.34 0.61 -15.25	28.05 0.44 -19.32	30.59 0.60 -18.40	36.98 1.03 -17.95	49.04 1.39 -24.17	43.40 1.55 -15.55	34.18 1.66 -3.47	31.89 1.59 -2.93	27.15 1.50 -0.22	22.30 1.18 0.00
CH_MIDHUDSON___DRP 24192	22.79 0.30 -17.39	21.09 0.32 -15.11	20.03 0.32 -13.68	19.17 0.28 -13.79	18.98 0.27 -13.62	19.03 0.35 -12.26	19.91 0.62 -7.65	22.82 0.38 -15.40	24.49 0.30 -18.57	26.28 0.62 -14.03	27.06 0.72 -12.53	27.53 0.69 -13.24	28.57 0.69 -14.35	28.50 0.67 -14.65	28.82 0.60 -16.74	29.94 0.44 -21.20	32.35 0.60 -20.16	38.62 1.01 -19.60	51.16 1.34 -26.33	44.67 1.50 -16.87	34.33 1.60 -3.68	32.03 1.56 -3.10	27.10 1.50 -0.17	22.27 1.16 0.00

CH_MISC_IPPS 23765	22.44 0.32 -17.02	20.79 0.35 -14.79	19.77 0.35 -13.39	18.90 0.30 -13.50	18.71 0.28 -13.33	18.79 0.37 -12.00	19.79 0.65 -7.49	22.52 0.40 -15.07	24.11 0.32 -18.17	26.02 0.65 -13.74	26.86 0.76 -12.29	27.33 0.75 -12.98	28.36 0.74 -14.08	28.26 0.71 -14.38	28.54 0.63 -16.43	29.56 0.46 -20.80	32.03 0.65 -19.79	38.38 1.10 -19.27	50.88 1.48 -25.92	44.59 1.66 -16.63	34.49 1.77 -3.66	32.16 1.70 -3.09	27.23 1.60 -0.20	22.38 1.27 0.00
CH_RES_BVR_FALLS 23983	4.91 -0.19 0.00	5.44 -0.21 0.00	5.81 -0.22 0.00	4.92 -0.18 0.00	4.91 -0.18 0.00	6.18 -0.24 0.00	3.35 -0.43 7.87	1.16 -0.26 5.63	1.82 -0.21 3.58	0.10 -0.42 11.10	9.77 -0.50 3.54	1.04 -0.50 12.06	0.78 -0.50 12.25	2.04 -0.49 10.65	5.73 -0.42 5.33	8.00 -0.30 0.00	10.86 -0.43 0.29	7.62 -0.65 9.74	22.69 -0.80 0.00	25.41 -0.89 0.00	28.15 -0.90 0.00	26.55 -0.82 0.00	24.72 -0.71 0.00	20.54 -0.57 0.00
CH_RES_NIAGARA 23895	9.97 0.00 -4.87	9.93 0.04 -4.23	9.87 0.02 -3.83	9.00 0.04 -3.86	8.90 0.00 -3.81	9.92 0.06 -3.43	13.88 0.09 -2.14	11.34 -0.01 -4.31	10.73 -0.07 -5.19	15.28 -0.26 -3.91	16.86 -0.40 -3.46	16.87 -0.38 -3.65	17.11 -0.36 -3.94	16.88 -0.33 -4.03	15.85 -0.25 -4.61	13.92 -0.21 -5.84	16.88 -0.23 -5.53	22.81 -0.52 -5.32	29.67 -0.92 -7.10	29.68 -1.13 -4.51	28.57 -1.39 -0.92	26.83 -1.31 -0.77	24.51 -0.91 0.00	20.94 -0.17 0.00
CH_RES_SYRACUSE 23985	9.13 0.10 -3.94	9.20 0.12 -3.42	9.24 0.12 -3.10	8.33 0.11 -3.12	8.27 0.10 -3.08	9.34 0.15 -2.77	13.66 0.28 -1.73	10.71 0.18 -3.48	9.96 0.14 -4.20	15.08 0.29 -3.16	16.95 0.35 -2.79	16.89 0.34 -2.95	17.07 0.35 -3.19	16.77 0.34 -3.26	15.50 0.29 -3.73	13.22 0.20 -4.72	16.35 0.29 -4.47	22.73 0.41 -4.30	29.77 0.54 -5.75	30.52 0.58 -3.65	30.34 0.55 -0.74	28.49 0.49 -0.62	25.86 0.43 0.00	21.51 0.40 0.00
CLINTON_WT_PWR 323605	-0.53 -0.34 5.29	-0.52 -0.38 5.79	-0.52 -0.39 6.16	-0.53 -0.35 5.28	-0.53 -0.34 5.28	-0.52 -0.45 6.49	-0.53 -0.80 11.38	-0.53 -0.48 7.09	-0.03 -0.38 5.26	-0.11 -0.78 10.96	10.55 -0.90 2.36	4.69 -0.87 8.04	4.54 -0.83 8.17	5.31 -0.76 7.10	7.27 -0.65 3.56	7.88 -0.41 0.00	10.81 -0.58 0.20	10.62 -0.90 6.49	22.48 -1.01 0.00	25.22 -1.08 0.00	28.15 -0.90 0.00	26.60 -0.77 0.00	24.82 -0.61 0.00	20.56 -0.55 0.00
CLINTON__LFGE 323618	-0.56 -0.27 5.39	-0.55 -0.31 5.90	-0.54 -0.29 6.28	-0.56 -0.28 5.38	-0.56 -0.26 5.38	-0.55 -0.36 6.62	-0.42 -0.61 11.47	-0.46 -0.36 7.14	0.01 -0.30 5.31	0.01 -0.63 10.99	10.71 -0.75 2.35	4.88 -0.72 8.00	4.73 -0.68 8.13	5.50 -0.61 7.07	7.43 -0.52 3.54	7.98 -0.32 0.00	10.94 -0.45 0.19	10.84 -0.70 6.46	22.78 -0.70 0.00	25.54 -0.76 0.00	28.50 -0.55 0.00	26.88 -0.49 0.00	25.10 -0.33 0.00	20.77 -0.34 0.00
COBBLENY_34_KV_TB1 80064	10.38 0.13 -5.14	10.27 0.14 -4.47	10.20 0.13 -4.05	9.31 0.13 -4.08	9.21 0.09 -4.03	10.22 0.17 -3.62	14.21 0.30 -2.26	11.72 0.12 -4.55	11.14 0.04 -5.49	15.75 -0.01 -4.13	17.36 -0.10 -3.65	17.36 -0.10 -3.85	17.65 -0.05 -4.17	17.39 -0.04 -4.26	16.37 0.01 -4.88	14.43 -0.03 -6.17	17.47 0.03 -5.85	23.58 -0.05 -5.63	30.72 -0.28 -7.51	30.70 -0.37 -4.77	29.44 -0.58 -0.97	27.61 -0.57 -0.82	25.61 0.18 0.00	21.83 0.72 0.00
COFFEEN__115KV_TB3 355620	7.42 0.04 -2.28	7.75 0.06 -2.03	7.96 0.05 -1.88	7.00 0.04 -1.86	6.96 0.03 -1.83	8.20 0.06 -1.72	12.00 0.16 -0.18	8.32 0.01 -1.26	7.52 0.03 -1.87	12.16 0.12 -0.42	15.05 0.22 -1.02	13.84 0.19 -0.04	13.80 0.12 -0.14	13.68 0.12 -0.38	12.87 0.09 -1.29	10.88 0.12 -2.47	14.09 0.20 -2.31	19.45 0.40 -1.04	27.11 0.61 -3.01	28.97 0.76 -1.91	30.34 0.90 -0.39	28.49 0.79 -0.33	26.01 0.58 0.00	21.47 0.36 0.00
COLDSPRG_115KV_BK1 355956	10.56 0.16 -5.30	10.43 0.18 -4.60	10.37 0.17 -4.17	9.47 0.16 -4.20	9.36 0.12 -4.15	10.35 0.19 -3.73	14.34 0.36 -2.33	11.91 0.18 -4.69	11.34 0.07 -5.65	15.93 0.05 -4.26	17.57 0.00 -3.76	17.56 -0.01 -3.97	17.87 0.04 -4.29	17.60 0.04 -4.38	16.56 0.06 -5.02	14.64 -0.01 -6.36	17.68 0.07 -6.02	23.89 0.09 -5.79	31.20 -0.02 -7.74	31.16 -0.05 -4.91	29.85 -0.20 -1.00	28.05 -0.16 -0.84	26.37 0.94 0.00	22.44 1.33 0.00
COLONIE_LFGE__ 323577	26.48 0.22 -21.16	24.29 0.25 -18.38	22.93 0.26 -16.65	22.11 0.22 -16.78	21.88 0.22 -16.57	21.62 0.29 -14.91	21.49 0.54 -9.30	26.10 0.32 -18.74	28.46 0.25 -22.59	29.05 0.52 -16.90	29.12 0.62 -14.69	29.69 0.61 -15.48	30.79 0.61 -16.65	30.81 0.61 -17.03	31.58 0.52 -19.58	33.46 0.37 -24.79	35.44 0.53 -23.32	40.97 0.90 -22.06	53.83 1.17 -29.17	45.79 1.31 -18.17	33.65 1.39 -3.20	31.34 1.26 -2.71	26.21 1.12 0.33	22.02 0.91 0.00
COOPERNY_115KV_TB1 80082	17.60 0.23 -12.26	16.57 0.26 -10.65	15.93 0.26 -9.65	15.05 0.22 -9.72	14.91 0.21 -9.60	15.35 0.28 -8.64	17.54 0.50 -5.39	18.21 0.31 -10.86	18.95 0.25 -13.09	22.03 0.51 -9.89	23.26 0.61 -8.84	23.52 0.58 -9.34	24.24 0.58 -10.12	24.08 0.57 -10.34	23.79 0.49 -11.81	23.60 0.35 -14.96	26.29 0.48 -14.23	32.62 0.77 -13.84	43.09 1.01 -18.60	39.35 1.13 -11.92	32.88 1.22 -2.61	30.75 1.18 -2.20	26.70 1.14 -0.13	22.04 0.93 0.00
COPENHAGEN_WT_PWR 323753	7.45 0.01 -2.34	7.77 0.03 -2.08	7.97 0.02 -1.92	7.01 0.01 -1.90	6.98 0.01 -1.88	8.20 0.02 -1.76	12.00 0.09 -0.26	8.38 -0.02 -1.36	7.58 -0.01 -1.97	12.21 0.03 -0.55	15.03 0.12 -1.10	13.88 0.10 -0.18	13.87 0.04 -0.29	13.73 0.04 -0.52	12.91 0.02 -1.40	10.92 0.06 -2.56	14.08 0.10 -2.39	19.43 0.23 -1.19	26.98 0.37 -3.12	28.78 0.50 -1.98	30.04 0.58 -0.40	28.20 0.49 -0.34	25.78 0.36 0.00	21.32 0.21 0.00
CORNELL____ 23752	11.36 0.22 -6.04	11.15 0.25 -5.25	11.03 0.25 -4.75	10.11 0.22 -4.79	10.03 0.21 -4.73	10.97 0.30 -4.26	14.86 0.56 -2.66	12.74 0.35 -5.35	12.34 0.28 -6.45	17.05 0.57 -4.85	18.76 0.66 -4.29	18.77 0.64 -4.53	19.08 0.65 -4.89	18.81 0.63 -5.00	17.75 0.54 -5.73	15.93 0.38 -7.25	19.01 0.56 -6.87	25.50 0.88 -6.61	33.46 1.15 -8.83	33.19 1.29 -5.60	31.53 1.34 -1.14	29.53 1.20 -0.96	26.55 1.12 0.00	22.08 0.97 0.00
CORONAAV_69_KV_TB1 355595	22.77 0.42 -17.26	21.13 0.48 -14.99	20.03 0.43 -13.57	19.19 0.40 -13.69	19.00 0.39 -13.51	19.12 0.54 -12.16	20.00 0.77 -7.59	22.85 0.53 -15.28	24.46 0.42 -18.42	26.39 0.81 -13.96	27.30 0.95 -12.54	27.78 0.92 -13.25	28.75 0.83 -14.39	28.72 0.86 -14.69	28.97 0.72 -16.77	30.08 0.55 -21.23	32.51 0.68 -20.24	38.88 1.08 -19.79	51.66 1.48 -26.69	45.16 1.66 -17.21	34.81 1.86 -3.90	32.55 1.89 -3.29	27.92 2.21 -0.28	22.93 1.82 0.00
CORTLAND_115KV_TB3 80093	10.38 0.17 -5.11	10.29 0.19 -4.44	10.24 0.19 -4.02	9.32 0.17 -4.05	9.25 0.16 -4.00	10.25 0.22 -3.60	14.32 0.42 -2.25	11.83 0.26 -4.52	11.28 0.21 -5.45	16.15 0.42 -4.11	17.93 0.50 -3.63	17.92 0.49 -3.83	18.18 0.50 -4.14	17.88 0.47 -4.23	16.74 0.41 -4.84	14.72 0.29 -6.13	17.82 0.43 -5.81	24.25 0.65 -5.59	31.80 0.85 -7.47	31.98 0.95 -4.73	31.00 0.99 -0.96	29.06 0.88 -0.81	26.27 0.84 0.00	21.85 0.74 0.00

COXSACKIE___GT 23611	25.17 0.30 -19.77	23.16 0.32 -17.18	21.92 0.34 -15.55	21.07 0.29 -15.68	20.85 0.27 -15.48	20.70 0.34 -13.94	20.95 0.61 -8.69	24.90 0.35 -17.51	27.01 0.29 -21.11	28.03 0.56 -15.85	28.36 0.64 -13.91	28.90 0.63 -14.67	30.03 0.66 -15.83	30.00 0.65 -16.18	30.62 0.57 -18.56	32.25 0.46 -23.50	34.48 0.70 -22.20	40.52 1.30 -21.22	53.57 1.85 -28.23	46.36 2.29 -17.78	34.86 2.38 -3.42	32.34 2.08 -2.89	27.08 1.78 0.13	22.42 1.31 0.00
CPV_VALLEY___CC1 323721	19.68 0.26 -14.32	18.39 0.29 -12.44	17.58 0.29 -11.26	16.71 0.25 -11.36	16.55 0.24 -11.21	16.83 0.32 -10.09	18.50 0.56 -6.30	20.07 0.35 -12.68	21.18 0.28 -15.29	23.76 0.57 -11.57	24.83 0.66 -10.36	25.20 0.65 -10.94	26.06 0.65 -11.87	25.92 0.62 -12.12	25.88 0.55 -13.84	26.22 0.39 -17.53	28.81 0.53 -16.69	35.16 0.88 -16.27	46.56 1.17 -21.90	41.66 1.29 -14.07	33.57 1.39 -3.12	31.37 1.37 -2.63	26.93 1.32 -0.18	22.15 1.03 0.00
CPV_VALLEY___CC2 323722	19.68 0.26 -14.32	18.39 0.29 -12.44	17.58 0.29 -11.26	16.71 0.25 -11.36	16.55 0.24 -11.21	16.83 0.32 -10.09	18.50 0.56 -6.30	20.07 0.35 -12.68	21.18 0.28 -15.29	23.76 0.57 -11.57	24.83 0.66 -10.36	25.20 0.65 -10.94	26.06 0.65 -11.87	25.92 0.62 -12.12	25.88 0.55 -13.84	26.22 0.39 -17.53	28.81 0.53 -16.69	35.16 0.88 -16.27	46.56 1.17 -21.90	41.66 1.29 -14.07	33.57 1.39 -3.12	31.37 1.37 -2.63	26.93 1.32 -0.18	22.15 1.03 0.00
CRESCENT___HYD 24018	26.48 0.22 -21.16	24.29 0.25 -18.38	22.93 0.26 -16.65	22.11 0.22 -16.78	21.88 0.22 -16.57	21.62 0.29 -14.91	21.49 0.54 -9.30	26.10 0.32 -18.74	28.46 0.25 -22.59	29.05 0.52 -16.90	29.12 0.62 -14.69	29.69 0.61 -15.48	30.79 0.61 -16.65	30.81 0.61 -17.03	31.58 0.52 -19.58	33.46 0.37 -24.79	35.44 0.53 -23.32	40.97 0.90 -22.06	53.83 1.17 -29.17	45.79 1.31 -18.17	33.65 1.39 -3.20	31.34 1.26 -2.71	26.21 1.12 0.33	22.02 0.91 0.00
CRICKET___VALLEY_CC1 323756	23.37 0.22 -18.05	21.59 0.25 -15.68	20.47 0.25 -14.20	19.63 0.22 -14.31	19.44 0.21 -14.13	19.43 0.29 -12.72	20.10 0.51 -7.94	23.33 0.30 -15.98	25.11 0.23 -19.27	25.22 0.48 -13.12	22.64 0.55 -8.28	22.64 0.54 -8.49	22.01 0.53 -7.95	22.01 0.51 -8.32	22.48 0.46 -10.54	21.92 0.33 -13.29	22.48 0.44 -10.45	23.73 0.76 -4.96	26.91 0.99 -2.44	24.50 1.10 2.91	23.03 1.16 7.19	22.51 1.15 6.01	22.03 1.12 4.51	22.00 0.89 0.00
CRICKET___VALLEY_CC2 323757	23.37 0.22 -18.05	21.59 0.25 -15.68	20.47 0.25 -14.20	19.63 0.22 -14.31	19.44 0.21 -14.13	19.43 0.29 -12.72	20.10 0.51 -7.94	23.33 0.30 -15.98	25.11 0.23 -19.27	25.22 0.48 -13.12	22.64 0.55 -8.28	22.64 0.54 -8.49	22.01 0.53 -7.95	22.01 0.51 -8.32	22.48 0.46 -10.54	21.92 0.33 -13.29	22.48 0.44 -10.45	23.73 0.76 -4.96	26.91 0.99 -2.44	24.50 1.10 2.91	23.03 1.16 7.19	22.51 1.15 6.01	22.03 1.12 4.51	22.00 0.89 0.00
CRICKET___VALLEY_CC3 323758	23.37 0.22 -18.05	21.59 0.25 -15.68	20.47 0.25 -14.20	19.63 0.22 -14.31	19.44 0.21 -14.13	19.43 0.29 -12.72	20.10 0.51 -7.94	23.33 0.30 -15.98	25.11 0.23 -19.27	25.22 0.48 -13.12	22.64 0.55 -8.28	22.64 0.54 -8.49	22.01 0.53 -7.95	22.01 0.51 -8.32	22.48 0.46 -10.54	21.92 0.33 -13.29	22.48 0.44 -10.45	23.73 0.76 -4.96	26.91 0.99 -2.44	24.50 1.10 2.91	23.03 1.16 7.19	22.51 1.15 6.01	22.03 1.12 4.51	22.00 0.89 0.00
CRUCIBLE_METL_DRP 24180	9.14 0.11 -3.94	9.20 0.12 -3.42	9.24 0.12 -3.10	8.33 0.11 -3.12	8.27 0.10 -3.08	9.34 0.15 -2.77	13.66 0.28 -1.73	10.71 0.18 -3.48	9.96 0.14 -4.20	15.08 0.29 -3.16	16.95 0.35 -2.79	16.89 0.34 -2.95	17.07 0.35 -3.19	16.78 0.34 -3.26	15.50 0.29 -3.73	13.22 0.20 -4.72	16.35 0.29 -4.47	22.73 0.41 -4.30	29.77 0.54 -5.75	30.53 0.58 -3.65	30.35 0.55 -0.74	28.49 0.49 -0.62	25.86 0.43 0.00	21.51 0.40 0.00
DAHOWA___HYDRO 323763	26.74 0.29 -21.35	24.53 0.32 -18.55	23.19 0.37 -16.79	22.34 0.31 -16.93	22.12 0.31 -16.72	21.85 0.39 -15.05	21.77 0.73 -9.39	26.39 0.44 -18.90	28.77 0.36 -22.79	29.44 0.74 -17.07	29.58 0.88 -14.89	30.18 0.88 -15.69	31.30 0.87 -16.90	31.30 0.84 -17.27	32.01 0.68 -19.85	33.91 0.48 -25.13	35.96 0.70 -23.67	41.66 1.17 -22.48	54.81 1.55 -29.78	46.68 1.76 -18.62	34.27 1.83 -3.39	31.84 1.61 -2.86	26.53 1.37 0.27	22.21 1.10 0.00
DANC___LFGE 323619	7.79 0.00 -2.69	8.04 0.02 -2.37	8.20 0.01 -2.17	7.27 0.01 -2.16	7.23 0.00 -2.14	8.40 0.01 -1.97	12.38 0.07 -0.66	8.93 -0.01 -1.90	8.12 0.00 -2.51	12.91 0.02 -1.26	15.42 0.08 -1.53	14.60 0.05 -0.95	14.65 0.03 -1.09	14.46 0.03 -1.26	13.48 0.01 -1.99	11.38 0.03 -3.05	14.53 0.07 -2.87	20.14 0.13 -2.01	27.41 0.21 -3.72	28.92 0.26 -2.36	29.82 0.29 -0.48	28.02 0.25 -0.40	25.61 0.18 0.00	21.20 0.08 0.00
DANSKAMMER___1 23586	22.44 0.32 -17.02	20.79 0.35 -14.79	19.77 0.35 -13.39	18.90 0.30 -13.50	18.71 0.28 -13.33	18.79 0.37 -12.00	19.79 0.65 -7.49	22.52 0.40 -15.07	24.11 0.32 -18.17	26.02 0.65 -13.74	26.86 0.76 -12.29	27.33 0.75 -12.98	28.36 0.74 -14.08	28.26 0.71 -14.38	28.54 0.63 -16.43	29.56 0.46 -20.80	32.03 0.65 -19.79	38.38 1.10 -19.27	50.88 1.48 -25.92	44.59 1.66 -16.63	34.49 1.77 -3.66	32.16 1.70 -3.09	27.23 1.60 -0.20	22.38 1.27 0.00
DANSKAMMER___2 23589	22.44 0.32 -17.02	20.79 0.35 -14.79	19.77 0.35 -13.39	18.90 0.30 -13.50	18.71 0.28 -13.33	18.79 0.37 -12.00	19.79 0.65 -7.49	22.52 0.40 -15.07	24.11 0.32 -18.17	26.02 0.65 -13.74	26.86 0.76 -12.29	27.33 0.75 -12.98	28.36 0.74 -14.08	28.26 0.71 -14.38	28.54 0.63 -16.43	29.56 0.46 -20.80	32.03 0.65 -19.79	38.38 1.10 -19.27	50.88 1.48 -25.92	44.59 1.66 -16.63	34.49 1.77 -3.66	32.16 1.70 -3.09	27.23 1.60 -0.20	22.38 1.27 0.00
DANSKAMMER___3 23590	22.44 0.32 -17.02	20.79 0.35 -14.79	19.77 0.35 -13.39	18.90 0.30 -13.50	18.71 0.28 -13.33	18.79 0.37 -12.00	19.79 0.65 -7.49	22.52 0.40 -15.07	24.11 0.32 -18.17	26.02 0.65 -13.74	26.86 0.76 -12.29	27.33 0.75 -12.98	28.36 0.74 -14.08	28.26 0.71 -14.38	28.54 0.63 -16.43	29.56 0.46 -20.80	32.03 0.65 -19.79	38.38 1.10 -19.27	50.88 1.48 -25.92	44.59 1.66 -16.63	34.49 1.77 -3.66	32.16 1.70 -3.09	27.23 1.60 -0.20	22.38 1.27 0.00
DANSKAMMER___4 23591	22.44 0.32 -17.02	20.79 0.35 -14.79	19.77 0.35 -13.39	18.90 0.30 -13.50	18.71 0.28 -13.33	18.79 0.37 -12.00	19.79 0.65 -7.49	22.52 0.40 -15.07	24.11 0.32 -18.17	26.02 0.65 -13.74	26.86 0.76 -12.29	27.33 0.75 -12.98	28.36 0.74 -14.08	28.26 0.71 -14.38	28.54 0.63 -16.43	29.56 0.46 -20.80	32.03 0.65 -19.79	38.38 1.10 -19.27	50.88 1.48 -25.92	44.59 1.66 -16.63	34.49 1.77 -3.66	32.16 1.70 -3.09	27.23 1.60 -0.20	22.38 1.27 0.00
DANSKAMMER___DIESEL 23592	22.45 0.32 -17.02	20.79 0.35 -14.79	19.77 0.35 -13.39	18.90 0.30 -13.50	18.71 0.29 -13.33	18.79 0.37 -12.00	19.79 0.65 -7.49	22.52 0.40 -15.07	24.11 0.32 -18.17	26.02 0.65 -13.74	26.86 0.76 -12.29	27.33 0.75 -12.98	28.36 0.74 -14.08	28.27 0.71 -14.38	28.54 0.63 -16.43	29.56 0.46 -20.80	32.03 0.65 -19.79	38.38 1.10 -19.27	50.88 1.48 -25.92	44.59 1.66 -16.63	34.49 1.77 -3.66	32.15 1.70 -3.09	27.23 1.60 -0.20	22.38 1.27 0.00

DARBY___SOLAR 323810	26.70 0.28 -21.33	24.49 0.31 -18.53	23.15 0.34 -16.78	22.31 0.29 -16.92	22.08 0.28 -16.70	21.82 0.37 -15.03	21.71 0.69 -9.38	26.34 0.42 -18.89	28.72 0.34 -22.77	29.38 0.70 -17.06	29.51 0.84 -14.86	30.10 0.83 -15.67	31.22 0.81 -16.87	31.23 0.80 -17.25	31.96 0.65 -19.82	33.84 0.46 -25.09	35.88 0.66 -23.63	41.54 1.10 -22.43	54.65 1.46 -29.71	46.53 1.66 -18.57	34.16 1.74 -3.36	31.74 1.53 -2.84	26.47 1.32 0.28	22.17 1.06 0.00
DASHVILLE___HYD 23610	22.79 0.21 -17.48	21.07 0.23 -15.18	20.00 0.22 -13.75	19.16 0.19 -13.86	18.96 0.18 -13.69	18.98 0.24 -12.32	19.73 0.40 -7.69	22.77 0.25 -15.48	24.48 0.20 -18.66	26.11 0.41 -14.08	26.79 0.47 -12.51	27.26 0.45 -13.21	28.28 0.45 -14.30	28.21 0.43 -14.60	28.58 0.39 -16.71	29.74 0.29 -21.16	32.06 0.39 -20.08	38.14 0.70 -19.43	50.49 0.96 -26.04	44.43 1.53 -16.61	34.19 1.63 -3.51	31.92 1.59 -2.96	27.05 1.53 -0.09	22.17 1.06 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	23.04 0.68 -17.26	21.42 0.78 -14.99	20.30 0.70 -13.57	19.43 0.64 -13.69	19.24 0.64 -13.51	19.46 0.87 -12.16	20.51 1.27 -7.59	23.20 0.87 -15.28	24.74 0.71 -18.42	26.93 1.35 -13.96	27.97 1.62 -12.54	28.43 1.58 -13.25	29.33 1.41 -14.39	29.35 1.48 -14.70	29.51 1.25 -16.77	36.78 0.95 -27.53	39.48 1.22 -26.67	73.24 1.89 -53.34	90.56 2.58 -64.50	46.48 2.89 -17.29	41.50 3.22 -9.22	41.32 3.15 -10.81	37.34 3.56 -8.36	24.12 3.00 -0.01
DELAWARE___LFGE 323621	15.80 0.23 -10.46	15.01 0.27 -9.09	14.53 0.28 -8.23	13.64 0.24 -8.30	13.51 0.23 -8.19	14.09 0.30 -7.38	16.79 0.54 -4.60	16.63 0.32 -9.27	17.05 0.26 -11.17	20.59 0.56 -8.41	21.92 0.68 -7.43	22.11 0.67 -7.84	22.66 0.65 -8.48	22.46 0.62 -8.66	21.94 0.54 -9.92	21.24 0.38 -12.56	24.02 0.53 -11.90	30.30 0.85 -11.45	39.85 1.08 -15.29	37.21 1.21 -9.70	32.39 1.37 -1.97	30.29 1.26 -1.66	26.65 1.22 0.00	22.11 0.99 0.00
DERFIELD_115KV_TB7 355931	5.54 0.02 -0.42	6.04 0.02 -0.37	6.38 0.02 -0.33	5.45 0.02 -0.34	5.44 0.02 -0.33	6.75 0.03 -0.30	12.18 0.05 -0.49	7.65 0.02 -0.59	6.22 0.02 -0.59	12.44 0.05 -0.77	14.31 0.07 -0.44	14.45 0.07 -0.78	14.42 0.07 -0.81	13.99 0.05 -0.76	12.14 0.05 -0.61	8.84 0.04 -0.51	12.14 0.06 -0.49	18.93 0.09 -0.84	24.22 0.12 -0.62	26.83 0.13 -0.39	29.28 0.15 -0.08	27.57 0.14 -0.07	25.53 0.10 0.00	21.20 0.08 0.00
DOGLEVILLE___HYD 23807	5.47 -0.06 -0.42	5.97 -0.06 -0.37	6.30 -0.06 -0.33	5.39 -0.05 -0.34	5.38 -0.05 -0.33	6.67 -0.05 -0.30	12.06 -0.08 -0.49	7.58 -0.05 -0.59	6.17 -0.03 -0.59	12.36 -0.03 -0.77	14.22 -0.03 -0.44	14.37 -0.01 -0.78	14.33 -0.01 -0.81	13.91 -0.03 -0.76	12.07 -0.02 -0.61	8.79 -0.02 -0.51	12.06 -0.02 -0.49	18.83 -0.02 -0.84	24.10 0.00 -0.62	26.72 0.03 -0.39	29.19 0.06 -0.08	27.52 0.08 -0.07	25.48 0.05 0.00	21.18 0.06 0.00
DUNKIRK___115KV_TB_200 55889	10.44 0.17 -5.17	10.33 0.18 -4.49	10.27 0.17 -4.07	9.37 0.16 -4.10	9.26 0.12 -4.05	10.28 0.21 -3.64	14.28 0.36 -2.27	11.78 0.16 -4.58	11.20 0.07 -5.52	15.82 0.03 -4.15	17.45 -0.03 -3.67	17.45 -0.03 -3.87	17.74 0.01 -4.19	17.48 0.03 -4.28	16.44 0.06 -4.90	14.50 0.00 -6.21	17.53 0.07 -5.88	23.70 0.04 -5.66	30.90 -0.14 -7.55	30.91 -0.18 -4.79	29.65 -0.38 -0.97	27.86 -0.33 -0.82	25.78 0.36 0.00	21.98 0.87 0.00
DUNKIRK___1 23563	10.44 0.17 -5.17	10.33 0.18 -4.49	10.27 0.17 -4.07	9.37 0.16 -4.10	9.26 0.12 -4.05	10.28 0.21 -3.64	14.28 0.36 -2.27	11.78 0.16 -4.58	11.20 0.07 -5.52	15.82 0.03 -4.15	17.45 -0.03 -3.67	17.45 -0.03 -3.87	17.74 0.01 -4.19	17.48 0.03 -4.28	16.44 0.06 -4.90	14.50 0.00 -6.21	17.53 0.07 -5.88	23.70 0.04 -5.66	30.90 -0.14 -7.55	30.91 -0.18 -4.79	29.65 -0.38 -0.97	27.86 -0.33 -0.82	25.78 0.36 0.00	21.98 0.87 0.00
DUNKIRK___2 23564	10.44 0.17 -5.17	10.33 0.18 -4.49	10.27 0.17 -4.07	9.37 0.16 -4.10	9.26 0.12 -4.05	10.28 0.21 -3.64	14.28 0.36 -2.27	11.78 0.16 -4.58	11.20 0.07 -5.52	15.82 0.03 -4.15	17.45 -0.03 -3.67	17.45 -0.03 -3.87	17.74 0.01 -4.19	17.48 0.03 -4.28	16.44 0.06 -4.90	14.50 0.00 -6.21	17.53 0.07 -5.88	23.70 0.04 -5.66	30.90 -0.14 -7.55	30.91 -0.18 -4.79	29.65 -0.38 -0.97	27.86 -0.33 -0.82	25.78 0.36 0.00	21.98 0.87 0.00
DUNKIRK___3 23565	10.43 0.16 -5.17	10.32 0.17 -4.49	10.26 0.16 -4.07	9.36 0.15 -4.10	9.25 0.11 -4.05	10.27 0.20 -3.65	14.26 0.34 -2.27	11.77 0.15 -4.58	11.20 0.06 -5.52	15.82 0.03 -4.16	17.44 -0.04 -3.67	17.44 -0.04 -3.88	17.73 0.00 -4.19	17.47 0.01 -4.28	16.42 0.03 -4.90	14.49 -0.02 -6.21	17.51 0.05 -5.88	23.67 0.00 -5.66	30.85 -0.19 -7.56	30.83 -0.26 -4.79	29.59 -0.44 -0.97	27.78 -0.41 -0.82	25.76 0.33 0.00	21.94 0.82 0.00
DUNKIRK___4 23566	10.37 0.16 -5.11	10.27 0.17 -4.44	10.21 0.16 -4.02	9.31 0.15 -4.05	9.21 0.11 -4.00	10.22 0.20 -3.60	14.23 0.34 -2.25	11.72 0.15 -4.53	11.13 0.06 -5.46	15.75 0.01 -4.11	17.38 -0.06 -3.63	17.38 -0.05 -3.83	17.66 -0.01 -4.14	17.39 -0.01 -4.23	16.36 0.03 -4.85	14.41 -0.02 -6.14	17.44 0.05 -5.81	23.60 0.00 -5.59	30.77 -0.19 -7.47	30.77 -0.26 -4.74	29.55 -0.46 -0.96	27.74 -0.44 -0.81	25.71 0.28 0.00	21.92 0.80 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	22.69 0.34 -17.25	21.01 0.37 -14.99	19.96 0.36 -13.57	19.10 0.31 -13.68	18.91 0.31 -13.51	18.99 0.41 -12.16	19.96 0.72 -7.59	22.78 0.46 -15.28	24.40 0.36 -18.42	26.32 0.74 -13.95	27.22 0.87 -12.54	27.71 0.86 -13.25	28.76 0.84 -14.39	28.68 0.82 -14.69	28.97 0.72 -16.76	30.04 0.51 -21.23	32.53 0.71 -20.24	38.95 1.15 -19.79	51.68 1.50 -26.69	45.19 1.68 -17.20	34.76 1.80 -3.90	32.44 1.78 -3.29	27.44 1.73 -0.28	22.49 1.37 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	21.78 0.30 -16.38	20.21 0.32 -14.23	19.24 0.33 -12.89	18.37 0.28 -12.99	18.18 0.26 -12.83	18.32 0.35 -11.55	19.46 0.61 -7.20	21.93 0.38 -14.51	23.41 0.30 -17.49	25.47 0.62 -13.23	26.36 0.72 -11.84	26.81 0.71 -12.50	27.79 0.69 -13.56	27.69 0.67 -13.84	27.90 0.60 -15.82	28.76 0.43 -20.03	31.24 0.59 -19.06	37.58 1.01 -18.57	49.80 1.34 -24.97	43.83 1.50 -16.03	34.22 1.63 -3.54	31.91 1.56 -2.98	27.12 1.50 -0.20	22.27 1.16 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	22.73 0.38 -17.25	21.06 0.42 -14.99	19.99 0.39 -13.57	19.12 0.33 -13.68	18.93 0.33 -13.51	18.99 0.40 -12.16	19.89 0.65 -7.59	22.72 0.40 -15.28	24.35 0.32 -18.42	26.24 0.66 -13.95	27.11 0.76 -12.54	27.60 0.75 -13.25	28.67 0.74 -14.39	28.59 0.72 -14.69	28.88 0.63 -16.76	29.98 0.46 -21.23	32.44 0.61 -20.24	38.81 1.01 -19.79	51.47 1.29 -26.69	44.95 1.45 -17.20	34.49 1.54 -3.90	32.22 1.56 -3.29	27.26 1.55 -0.28	22.55 1.44 0.00
E179THST_13_KV_LOAD 356214	22.75 0.40 -17.25	21.08 0.44 -14.99	20.01 0.41 -13.57	19.14 0.35 -13.68	18.95 0.35 -13.51	19.01 0.43 -12.16	19.92 0.69 -7.59	22.75 0.43 -15.28	24.37 0.34 -18.42	26.29 0.71 -13.95	27.16 0.81 -12.54	27.65 0.80 -13.25	28.72 0.80 -14.39	28.64 0.78 -14.69	28.93 0.68 -16.76	30.01 0.49 -21.23	32.49 0.66 -20.24	38.88 1.08 -19.79	51.58 1.41 -26.69	45.08 1.58 -17.20	34.64 1.69 -3.90	32.33 1.67 -3.29	27.36 1.65 -0.28	22.61 1.50 0.00

EAST HAMPTON___GT 23717	23.09 0.73 -17.26	21.48 0.84 -14.99	20.37 0.77 -13.57	19.48 0.69 -13.69	19.30 0.70 -13.51	19.53 0.94 -12.16	20.63 1.40 -7.59	23.28 0.96 -15.28	24.80 0.77 -18.42	27.06 1.48 -13.96	28.13 1.78 -12.54	28.59 1.74 -13.25	29.50 1.57 -14.39	29.51 1.63 -14.70	29.63 1.38 -16.77	36.88 1.05 -27.53	39.63 1.37 -26.67	73.46 2.12 -53.33	90.88 2.91 -64.49	46.82 3.23 -17.29	41.91 3.63 -9.22	41.65 3.48 -10.80	37.65 3.86 -8.35	24.35 3.23 -0.01
EAST RIVER___6 23660	22.73 0.38 -17.25	21.07 0.42 -14.99	20.01 0.42 -13.57	19.14 0.36 -13.68	18.95 0.35 -13.51	19.06 0.48 -12.16	20.06 0.83 -7.59	22.83 0.51 -15.28	24.44 0.41 -18.42	26.43 0.85 -13.95	27.33 0.98 -12.54	27.82 0.97 -13.25	28.89 0.96 -14.39	28.79 0.92 -14.69	29.08 0.83 -16.76	30.11 0.59 -21.23	32.63 0.80 -20.24	39.10 1.30 -19.79	51.87 1.69 -26.69	45.37 1.87 -17.20	34.96 2.00 -3.90	32.65 2.00 -3.29	27.67 1.96 -0.28	22.65 1.54 0.00
EAST RIVER___7 23524	22.73 0.38 -17.25	21.07 0.42 -14.99	20.01 0.42 -13.57	19.14 0.36 -13.68	18.95 0.35 -13.51	19.06 0.48 -12.16	20.06 0.83 -7.59	22.83 0.51 -15.28	24.44 0.41 -18.42	26.43 0.85 -13.95	27.33 0.98 -12.54	27.82 0.97 -13.25	28.89 0.96 -14.39	28.79 0.92 -14.69	29.08 0.83 -16.76	30.11 0.59 -21.23	32.63 0.80 -20.24	39.10 1.30 -19.79	51.87 1.69 -26.69	45.37 1.87 -17.20	34.96 2.00 -3.90	32.65 2.00 -3.29	27.67 1.96 -0.28	22.65 1.54 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	22.66 0.33 -17.23	20.99 0.36 -14.97	19.93 0.36 -13.55	19.07 0.31 -13.66	18.88 0.30 -13.49	18.97 0.40 -12.14	19.94 0.71 -7.58	22.74 0.44 -15.26	24.36 0.35 -18.39	26.29 0.73 -13.93	27.17 0.84 -12.52	27.66 0.83 -13.23	28.72 0.81 -14.37	28.64 0.79 -14.67	28.93 0.70 -16.74	30.00 0.51 -21.20	32.48 0.68 -20.21	38.89 1.12 -19.77	51.60 1.46 -26.66	45.11 1.63 -17.18	34.72 1.77 -3.90	32.38 1.72 -3.28	27.39 1.68 -0.28	22.44 1.33 0.00
EAST_HAMPTON___DIESEL 23722	23.09 0.74 -17.26	21.48 0.84 -14.99	20.37 0.77 -13.57	19.49 0.70 -13.69	19.31 0.70 -13.51	19.53 0.95 -12.16	20.63 1.40 -7.59	23.28 0.96 -15.28	24.81 0.78 -18.42	27.07 1.49 -13.96	28.13 1.78 -12.54	28.59 1.74 -13.25	29.50 1.57 -14.39	29.51 1.63 -14.70	29.65 1.39 -16.77	36.88 1.05 -27.53	39.63 1.37 -26.67	73.46 2.12 -53.33	90.91 2.94 -64.49	46.85 3.26 -17.29	41.91 3.63 -9.22	41.65 3.48 -10.80	37.65 3.86 -8.35	24.35 3.23 -0.01
EAST_PULASKI___ESR 323781	8.01 0.01 -2.90	8.19 0.01 -2.52	8.31 0.00 -2.28	7.41 0.01 -2.30	7.36 -0.01 -2.27	8.49 0.02 -2.05	12.65 0.05 -0.95	9.39 0.01 -2.34	8.58 0.01 -2.95	13.53 0.03 -1.87	15.78 0.06 -1.91	15.33 0.05 -1.68	15.42 0.04 -1.84	15.18 0.04 -1.96	14.04 0.02 -2.53	11.79 0.02 -3.48	14.92 0.05 -3.29	20.83 0.05 -2.77	27.82 0.09 -4.24	29.09 0.11 -2.69	29.66 0.06 -0.55	27.89 0.05 -0.46	25.43 0.00 0.00	21.09 -0.02 0.00
EAST_RIVER___1 323558	22.71 0.36 -17.25	21.05 0.40 -14.99	19.98 0.39 -13.57	19.12 0.33 -13.68	18.93 0.33 -13.51	19.02 0.44 -12.16	20.00 0.77 -7.59	22.81 0.49 -15.28	24.42 0.39 -18.42	26.38 0.80 -13.95	27.27 0.93 -12.54	27.76 0.91 -13.25	28.83 0.91 -14.39	28.73 0.87 -14.69	29.02 0.77 -16.76	30.08 0.56 -21.23	32.58 0.75 -20.24	39.01 1.21 -19.79	51.75 1.57 -26.69	45.27 1.76 -17.20	34.84 1.89 -3.90	32.54 1.89 -3.29	27.56 1.86 -0.28	22.59 1.48 0.00
EAST_RIVER___2 323559	22.73 0.38 -17.25	21.07 0.42 -14.99	20.01 0.42 -13.57	19.14 0.36 -13.68	18.95 0.35 -13.51	19.06 0.48 -12.16	20.06 0.83 -7.59	22.83 0.51 -15.28	24.44 0.41 -18.42	26.43 0.85 -13.95	27.33 0.98 -12.54	27.82 0.97 -13.25	28.89 0.96 -14.39	28.79 0.92 -14.69	29.08 0.83 -16.76	30.11 0.59 -21.23	32.63 0.80 -20.24	39.10 1.30 -19.79	51.87 1.69 -26.69	45.37 1.87 -17.20	34.96 2.00 -3.90	32.65 2.00 -3.29	27.67 1.96 -0.28	22.65 1.54 0.00
EAST___DELAWARE_HYD 23607	20.47 0.33 -15.03	19.08 0.36 -13.06	18.21 0.36 -11.83	17.33 0.31 -11.92	17.16 0.30 -11.77	17.40 0.38 -10.60	18.91 0.65 -6.61	20.76 0.40 -13.31	21.99 0.33 -16.05	24.42 0.67 -12.12	25.39 0.77 -10.81	25.78 0.76 -11.42	26.66 0.76 -12.37	26.53 0.72 -12.63	26.57 0.64 -14.44	27.06 0.48 -18.29	29.63 0.66 -17.38	36.03 1.15 -16.87	47.71 1.57 -22.65	42.53 1.74 -14.49	34.05 1.86 -3.13	31.79 1.78 -2.64	27.24 1.68 -0.13	22.42 1.31 0.00
EIGHT_POINT___WT_PWR 323820	10.98 0.15 -5.73	10.84 0.21 -4.98	10.74 0.20 -4.51	9.83 0.19 -4.54	9.73 0.16 -4.49	10.71 0.26 -4.04	14.62 0.45 -2.52	12.38 0.26 -5.07	11.90 0.17 -6.11	16.51 0.28 -4.60	18.14 0.26 -4.07	18.14 0.25 -4.29	18.43 0.26 -4.64	18.17 0.25 -4.74	17.13 0.22 -5.43	15.29 0.12 -6.88	18.32 0.22 -6.51	24.62 0.34 -6.27	32.23 0.37 -8.37	32.03 0.42 -5.31	30.42 0.29 -1.08	28.61 0.33 -0.91	26.17 0.74 0.00	22.09 0.97 0.00
ELBRIDGE_115KV_TB2 80188	9.33 0.11 -4.12	9.36 0.12 -3.58	9.39 0.12 -3.24	8.48 0.11 -3.27	8.42 0.10 -3.23	9.48 0.15 -2.90	13.74 0.28 -1.81	10.88 0.18 -3.65	10.15 0.14 -4.40	15.23 0.29 -3.31	17.07 0.33 -2.93	17.02 0.33 -3.09	17.20 0.32 -3.34	16.92 0.33 -3.41	15.67 0.28 -3.91	13.43 0.19 -4.95	16.55 0.28 -4.69	22.93 0.41 -4.51	30.02 0.52 -6.02	30.70 0.58 -3.82	30.38 0.55 -0.77	28.52 0.49 -0.65	25.86 0.43 0.00	21.51 0.40 0.00
ELEC_TRO_TEK 24086	22.75 0.39 -17.26	21.11 0.46 -14.99	20.01 0.41 -13.57	19.17 0.38 -13.69	18.97 0.37 -13.51	19.09 0.51 -12.16	19.96 0.72 -7.59	22.82 0.50 -15.28	24.43 0.40 -18.42	26.35 0.77 -13.96	27.26 0.91 -12.54	27.74 0.88 -13.25	28.71 0.79 -14.39	28.68 0.82 -14.69	28.94 0.69 -16.77	30.04 0.51 -21.23	32.45 0.63 -20.24	38.79 0.99 -19.79	51.52 1.34 -26.69	45.01 1.50 -17.21	34.67 1.71 -3.90	32.41 1.75 -3.29	27.79 2.09 -0.28	22.82 1.71 0.00
ELLENBURG_WT_PWR 323604	-0.53 -0.34 5.29	-0.52 -0.38 5.79	-0.52 -0.39 6.16	-0.53 -0.35 5.28	-0.53 -0.34 5.28	-0.52 -0.45 6.49	-0.53 -0.80 11.38	-0.53 -0.48 7.09	-0.03 -0.38 5.26	-0.11 -0.78 10.96	10.55 -0.90 2.36	4.69 -0.87 8.04	4.54 -0.83 8.17	5.31 -0.76 7.10	7.27 -0.65 3.56	7.88 -0.41 0.00	10.81 -0.58 0.20	10.62 -0.90 6.49	22.48 -1.01 0.00	25.22 -1.08 0.00	28.15 -0.90 0.00	26.60 -0.77 0.00	24.82 -0.61 0.00	20.56 -0.55 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	10.24 0.13 -5.01	10.15 0.14 -4.35	10.10 0.13 -3.94	9.20 0.13 -3.97	9.11 0.09 -3.92	10.13 0.17 -3.53	14.14 0.29 -2.20	11.59 0.11 -4.44	10.99 0.03 -5.35	15.62 -0.03 -4.03	17.24 -0.12 -3.56	17.23 -0.12 -3.76	17.50 -0.09 -4.06	17.24 -0.08 -4.15	16.21 -0.02 -4.75	14.26 -0.05 -6.02	17.28 0.00 -5.70	23.36 -0.13 -5.48	30.43 -0.38 -7.32	30.47 -0.47 -4.64	29.30 -0.70 -0.94	27.48 -0.68 -0.79	25.35 -0.08 0.00	21.62 0.51 0.00
EMPIRE_CC_1 323656	25.49 0.21 -20.18	23.43 0.24 -17.53	22.15 0.25 -15.87	21.32 0.21 -16.00	21.10 0.21 -15.80	20.92 0.28 -14.22	21.02 0.50 -8.87	25.21 0.30 -17.87	27.39 0.23 -21.54	28.14 0.48 -16.03	28.10 0.57 -13.73	28.62 0.56 -14.46	29.58 0.57 -15.48	29.57 0.55 -15.84	30.24 0.48 -18.28	31.77 0.34 -23.14	33.71 0.49 -21.63	38.99 0.83 -20.16	50.95 1.08 -26.39	43.67 1.21 -16.16	32.75 1.28 -2.42	30.62 1.20 -2.05	25.93 1.09 0.59	22.00 0.89 0.00

EMPIRE_CC_2 323658	25.49 0.21 -20.18	23.43 0.24 -17.53	22.15 0.25 -15.87	21.32 0.21 -16.00	21.10 0.21 -15.80	20.92 0.28 -14.22	21.02 0.50 -8.87	25.21 0.30 -17.87	27.39 0.23 -21.54	28.14 0.48 -16.03	28.10 0.57 -13.73	28.62 0.56 -14.46	29.58 0.57 -15.48	29.57 0.55 -15.84	30.24 0.48 -18.28	31.77 0.34 -23.14	33.71 0.49 -21.63	38.99 0.83 -20.16	50.95 1.08 -26.39	43.67 1.21 -16.16	32.75 1.28 -2.42	30.62 1.20 -2.05	25.93 1.09 0.59	22.00 0.89 0.00
ENORWICH_115KV_TB1 80156	13.21 0.36 -7.75	12.82 0.43 -6.73	12.56 0.44 -6.09	11.62 0.38 -6.14	11.51 0.36 -6.07	12.37 0.49 -5.46	16.00 0.94 -3.41	14.47 0.56 -6.86	14.35 0.47 -8.27	18.90 1.05 -6.23	20.59 1.28 -5.50	20.65 1.24 -5.81	21.04 1.23 -6.27	20.73 1.15 -6.41	19.79 0.96 -7.34	18.30 0.70 -9.30	21.40 1.01 -8.81	28.12 1.64 -8.48	37.01 2.21 -11.32	36.00 2.52 -7.18	33.33 2.82 -1.46	31.14 2.55 -1.23	27.74 2.31 0.00	22.99 1.88 0.00
ERIE_ST__34_KV_TB1-2 80199	10.28 0.10 -5.08	10.18 0.10 -4.42	10.11 0.08 -4.00	9.23 0.09 -4.03	9.13 0.06 -3.98	10.13 0.12 -3.58	14.09 0.21 -2.24	11.62 0.07 -4.50	11.04 -0.01 -5.43	15.61 -0.10 -4.09	17.23 -0.19 -3.61	17.22 -0.19 -3.81	17.50 -0.15 -4.12	17.25 -0.13 -4.21	16.22 -0.08 -4.82	14.30 -0.10 -6.10	17.31 -0.06 -5.78	23.39 -0.18 -5.56	30.49 -0.42 -7.43	30.49 -0.53 -4.71	29.25 -0.76 -0.96	27.44 -0.74 -0.81	25.83 0.41 0.00	22.02 0.91 0.00
ERIE_WT_PWR 323693	10.26 0.10 -5.06	10.20 0.15 -4.39	10.15 0.14 -3.98	9.25 0.14 -4.01	9.15 0.10 -3.96	10.17 0.19 -3.56	14.19 0.31 -2.22	11.65 0.13 -4.48	11.06 0.04 -5.40	15.68 -0.01 -4.06	17.30 -0.10 -3.59	17.31 -0.08 -3.79	17.58 -0.05 -4.10	17.32 -0.04 -4.19	16.29 0.01 -4.79	14.33 -0.03 -6.07	17.36 0.02 -5.75	23.47 -0.07 -5.53	30.59 -0.28 -7.39	30.62 -0.37 -4.69	29.39 -0.61 -0.95	27.60 -0.58 -0.80	25.56 0.13 0.00	21.81 0.70 0.00
ESPRGFLD_115KV_TB1 80157	15.95 0.29 -10.56	15.16 0.32 -9.18	14.67 0.34 -8.31	13.77 0.29 -8.38	13.64 0.27 -8.27	14.23 0.36 -7.45	16.97 0.68 -4.64	16.80 0.40 -9.35	17.22 0.33 -11.28	20.85 0.73 -8.49	22.21 0.90 -7.50	22.40 0.88 -7.92	22.96 0.87 -8.56	22.74 0.82 -8.74	22.20 0.70 -10.01	21.48 0.51 -12.68	24.30 0.71 -12.01	30.68 1.12 -11.56	40.35 1.43 -15.43	37.69 1.60 -9.79	32.87 1.83 -1.99	30.72 1.67 -1.68	26.98 1.55 0.00	22.36 1.25 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	11.34 0.21 -6.03	11.14 0.24 -5.24	11.01 0.25 -4.74	10.10 0.21 -4.78	10.01 0.20 -4.72	10.96 0.29 -4.25	14.83 0.54 -2.65	12.72 0.34 -5.34	12.31 0.26 -6.43	17.02 0.55 -4.84	18.72 0.64 -4.28	18.73 0.61 -4.52	19.04 0.62 -4.88	18.77 0.61 -4.99	17.71 0.52 -5.71	15.89 0.36 -7.23	18.97 0.53 -6.85	25.45 0.85 -6.59	33.39 1.10 -8.81	33.12 1.24 -5.58	31.47 1.28 -1.13	29.48 1.15 -0.96	26.50 1.07 0.00	22.04 0.93 0.00
ETNA_____115KV_TB2 80207	11.34 0.21 -6.03	11.14 0.24 -5.24	11.01 0.25 -4.74	10.10 0.21 -4.78	10.01 0.20 -4.72	10.96 0.29 -4.25	14.83 0.54 -2.65	12.72 0.34 -5.34	12.31 0.26 -6.43	17.02 0.55 -4.84	18.72 0.64 -4.28	18.73 0.61 -4.52	19.04 0.62 -4.88	18.77 0.61 -4.99	17.71 0.52 -5.71	15.89 0.36 -7.23	18.97 0.53 -6.85	25.45 0.85 -6.59	33.39 1.10 -8.81	33.12 1.24 -5.58	31.47 1.28 -1.13	29.48 1.15 -0.96	26.50 1.07 0.00	22.04 0.93 0.00
EUCLID___115KV_TB2 356179	8.69 0.03 -3.56	8.78 0.03 -3.09	8.85 0.03 -2.80	7.95 0.03 -2.82	7.90 0.02 -2.79	8.98 0.05 -2.51	13.31 0.09 -1.56	10.26 0.06 -3.15	9.46 0.04 -3.80	14.58 0.09 -2.86	16.45 0.11 -2.53	16.38 0.11 -2.67	16.53 0.11 -2.88	16.24 0.12 -2.94	14.95 0.09 -3.37	12.62 0.06 -4.27	15.73 0.09 -4.05	22.01 0.11 -3.89	28.80 0.12 -5.20	29.73 0.13 -3.30	29.78 0.06 -0.67	27.96 0.03 -0.56	25.43 0.00 0.00	21.16 0.04 0.00
E_CANADA_CAP_HY 24051	26.94 0.34 -21.50	24.73 0.39 -18.68	23.36 0.42 -16.92	22.51 0.35 -17.05	22.28 0.35 -16.84	22.01 0.44 -15.16	21.95 0.85 -9.45	26.60 0.52 -19.04	28.98 0.41 -22.96	29.65 0.81 -17.22	29.79 0.93 -15.05	30.44 0.97 -15.88	31.63 0.99 -17.11	31.65 0.99 -17.49	32.43 0.87 -20.08	34.39 0.67 -25.42	36.57 1.01 -23.98	42.55 1.71 -22.83	56.12 2.33 -30.31	47.92 2.60 -19.01	35.25 2.64 -3.55	32.64 2.27 -3.00	27.07 1.86 0.21	22.55 1.44 0.00
E_CANADA_MHWK_HY 24050	5.47 -0.06 -0.42	5.97 -0.06 -0.37	6.30 -0.06 -0.33	5.39 -0.05 -0.34	5.38 -0.05 -0.33	6.67 -0.05 -0.30	12.06 -0.08 -0.49	7.58 -0.05 -0.59	6.17 -0.03 -0.59	12.36 -0.03 -0.77	14.22 -0.03 -0.44	14.37 -0.01 -0.78	14.33 -0.01 -0.81	13.91 -0.03 -0.76	12.07 -0.02 -0.61	8.79 -0.02 -0.51	12.06 -0.02 -0.49	18.83 -0.02 -0.84	24.10 0.00 -0.62	26.72 0.03 -0.39	29.19 0.06 -0.08	27.52 0.08 -0.07	25.48 0.05 0.00	21.18 0.06 0.00
E_FISHKILL___LBMP 23776	22.87 0.29 -17.49	21.17 0.32 -15.19	20.10 0.31 -13.76	19.24 0.27 -13.87	19.05 0.26 -13.69	19.10 0.35 -12.33	19.96 0.62 -7.69	22.92 0.39 -15.49	24.59 0.30 -18.67	26.40 0.63 -14.14	27.24 0.72 -12.71	27.74 0.71 -13.43	28.82 0.70 -14.58	28.75 0.69 -14.89	29.07 0.60 -16.99	30.24 0.43 -21.52	32.69 0.59 -20.51	39.04 0.97 -20.06	51.80 1.27 -27.05	45.15 1.42 -17.43	34.51 1.51 -3.95	32.20 1.51 -3.33	27.16 1.45 -0.28	22.25 1.14 0.00
FALCON___SEABRD_CC1 323796	-0.53 -0.30 5.33	-0.52 -0.34 5.84	-0.52 -0.33 6.22	-0.53 -0.30 5.33	-0.53 -0.29 5.33	-0.52 -0.39 6.55	-0.43 -0.66 11.42	-0.47 -0.40 7.11	0.01 -0.32 5.28	-0.01 -0.66 10.97	10.68 -0.77 2.36	4.84 -0.73 8.03	4.69 -0.69 8.15	5.47 -0.62 7.09	7.41 -0.53 3.55	7.96 -0.33 0.00	10.93 -0.46 0.20	10.81 -0.72 6.48	22.73 -0.75 0.00	25.49 -0.82 0.00	28.47 -0.58 0.00	26.88 -0.49 0.00	25.07 -0.36 0.00	20.77 -0.34 0.00
FALCON___SEABRD_CC2 323797	-0.53 -0.30 5.33	-0.52 -0.34 5.84	-0.52 -0.33 6.22	-0.53 -0.30 5.33	-0.53 -0.29 5.33	-0.52 -0.39 6.55	-0.43 -0.66 11.42	-0.47 -0.40 7.11	0.01 -0.32 5.28	-0.01 -0.66 10.97	10.68 -0.77 2.36	4.84 -0.73 8.03	4.69 -0.69 8.15	5.47 -0.62 7.09	7.41 -0.53 3.55	7.96 -0.33 0.00	10.93 -0.46 0.20	10.81 -0.72 6.48	22.73 -0.75 0.00	25.49 -0.82 0.00	28.47 -0.58 0.00	26.88 -0.49 0.00	25.07 -0.36 0.00	20.77 -0.34 0.00
FAR ROCKAWAY___4 23548	22.81 0.45 -17.26	21.17 0.53 -14.99	20.07 0.48 -13.57	19.23 0.44 -13.69	19.04 0.43 -13.51	19.17 0.58 -12.16	20.07 0.84 -7.59	22.90 0.58 -15.28	24.49 0.46 -18.42	26.48 0.90 -13.96	27.40 1.05 -12.54	27.87 1.02 -13.25	28.83 0.91 -14.39	28.82 0.95 -14.69	29.05 0.80 -16.77	30.13 0.61 -21.23	32.59 0.76 -20.24	39.01 1.21 -19.79	51.85 1.67 -26.69	45.37 1.87 -17.21	35.08 2.12 -3.90	32.76 2.11 -3.29	28.12 2.42 -0.28	23.10 1.98 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	22.71 0.36 -17.25	21.04 0.40 -14.99	19.98 0.39 -13.57	19.12 0.33 -13.68	18.93 0.33 -13.51	19.02 0.44 -12.16	20.00 0.77 -7.59	22.81 0.49 -15.28	24.42 0.39 -18.42	26.38 0.80 -13.95	27.27 0.93 -12.54	27.76 0.91 -13.25	28.83 0.91 -14.39	28.73 0.87 -14.69	29.02 0.77 -16.76	30.08 0.56 -21.23	32.58 0.75 -20.24	39.01 1.21 -19.79	51.75 1.57 -26.69	45.24 1.74 -17.20	34.84 1.89 -3.90	32.55 1.89 -3.29	27.56 1.86 -0.28	22.59 1.48 0.00

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	22.72 0.37 -17.25	21.05 0.40 -14.99	19.98 0.39 -13.57	19.12 0.33 -13.68	18.93 0.33 -13.51	19.02 0.44 -12.16	20.00 0.77 -7.59	22.81 0.49 -15.28	24.42 0.39 -18.42	26.38 0.80 -13.95	27.27 0.93 -12.54	27.76 0.91 -13.25	28.83 0.91 -14.39	28.73 0.87 -14.69	29.02 0.77 -16.76	30.08 0.56 -21.23	32.58 0.75 -20.24	39.01 1.21 -19.79	51.75 1.57 -26.69	45.27 1.76 -17.20	34.84 1.89 -3.90	32.55 1.89 -3.29	27.56 1.86 -0.28	22.59 1.48 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	22.71 0.36 -17.25	21.04 0.40 -14.99	19.98 0.39 -13.57	19.12 0.33 -13.68	18.93 0.33 -13.51	19.02 0.44 -12.16	20.00 0.77 -7.59	22.81 0.49 -15.28	24.42 0.39 -18.42	26.38 0.80 -13.95	27.26 0.91 -12.54	27.75 0.90 -13.25	28.82 0.89 -14.39	28.73 0.87 -14.69	29.02 0.77 -16.76	30.07 0.55 -21.23	32.57 0.74 -20.24	39.01 1.21 -19.79	51.73 1.55 -26.69	45.24 1.74 -17.20	34.81 1.86 -3.90	32.52 1.86 -3.29	27.56 1.86 -0.28	22.57 1.46 0.00
FARRAGUT___LBMP 323566	22.71 0.36 -17.25	21.04 0.40 -14.99	19.98 0.38 -13.57	19.11 0.33 -13.68	18.92 0.32 -13.51	19.02 0.44 -12.16	19.99 0.76 -7.59	22.80 0.48 -15.28	24.41 0.38 -18.42	26.37 0.79 -13.95	27.26 0.91 -12.54	27.74 0.88 -13.25	28.82 0.89 -14.39	28.72 0.86 -14.69	29.01 0.76 -16.76	30.07 0.55 -21.23	32.57 0.74 -20.24	38.99 1.19 -19.79	51.70 1.53 -26.69	45.21 1.71 -17.20	34.78 1.83 -3.90	32.52 1.86 -3.29	27.54 1.83 -0.28	22.57 1.46 0.00
FENNER___WINDPWR 24204	8.72 0.14 -3.48	8.85 0.16 -3.03	8.93 0.17 -2.74	8.01 0.14 -2.76	7.95 0.13 -2.73	9.06 0.19 -2.45	13.54 0.36 -1.53	10.34 0.21 -3.08	9.50 0.17 -3.72	14.81 0.38 -2.80	16.77 0.48 -2.47	16.69 0.48 -2.61	16.83 0.47 -2.82	16.49 0.43 -2.88	15.16 0.38 -3.30	12.76 0.28 -4.18	15.95 0.41 -3.96	22.47 0.65 -3.81	29.42 0.84 -5.09	30.50 0.97 -3.23	30.78 1.08 -0.65	28.88 0.96 -0.55	26.27 0.84 0.00	21.81 0.70 0.00
FIBERTEK___ENERGY 23856	9.14 0.11 -3.94	9.20 0.12 -3.42	9.24 0.12 -3.10	8.33 0.11 -3.12	8.27 0.10 -3.08	9.34 0.15 -2.77	13.66 0.28 -1.73	10.71 0.18 -3.48	9.96 0.14 -4.20	15.08 0.29 -3.16	16.95 0.35 -2.79	16.89 0.34 -2.95	17.07 0.35 -3.19	16.78 0.34 -3.26	15.50 0.29 -3.73	13.22 0.20 -4.72	16.35 0.29 -4.47	22.73 0.41 -4.30	29.77 0.54 -5.75	30.53 0.58 -3.65	30.35 0.55 -0.74	28.49 0.49 -0.62	25.86 0.43 0.00	21.51 0.40 0.00
FITZPATRICK____ 23598	7.60 -0.08 -2.57	7.81 -0.08 -2.24	7.96 -0.09 -2.02	7.07 -0.07 -2.04	7.03 -0.08 -2.02	8.15 -0.08 -1.81	12.63 -0.15 -1.13	9.23 -0.09 -2.28	8.29 -0.07 -2.75	13.54 -0.15 -2.07	15.44 -0.19 -1.83	15.34 -0.19 -1.93	15.44 -0.18 -2.08	15.13 -0.17 -2.13	13.77 -0.15 -2.44	11.27 -0.12 -3.09	14.36 -0.15 -2.93	20.55 -0.27 -2.82	26.85 -0.40 -3.76	28.24 -0.45 -2.38	29.02 -0.52 -0.48	27.26 -0.52 -0.41	24.92 -0.51 0.00	20.73 -0.38 0.00
FLOWRFLD_69_KV_BK1 356044	22.88 0.53 -17.26	21.25 0.60 -14.99	20.13 0.54 -13.57	19.28 0.49 -13.69	19.09 0.49 -13.51	19.26 0.67 -12.16	20.18 0.94 -7.59	22.98 0.66 -15.28	24.56 0.53 -18.42	26.58 1.00 -13.96	27.55 1.20 -12.54	28.02 1.17 -13.25	28.95 1.03 -14.39	28.95 1.08 -14.69	29.17 0.92 -16.77	36.94 0.70 -27.95	39.55 0.82 -27.14	74.96 1.26 -55.69	92.30 1.67 -67.14	45.48 1.87 -17.32	40.82 2.15 -9.62	40.97 2.24 -11.35	37.14 2.77 -8.94	23.45 2.32 -0.02
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	22.52 0.33 -17.10	20.87 0.36 -14.85	19.83 0.36 -13.45	18.96 0.30 -13.56	18.77 0.29 -13.39	18.85 0.38 -12.05	19.83 0.66 -7.52	22.59 0.41 -15.14	24.19 0.33 -18.25	26.09 0.66 -13.80	26.93 0.77 -12.35	27.41 0.76 -13.05	28.44 0.76 -14.15	28.35 0.72 -14.45	28.64 0.65 -16.50	29.68 0.48 -20.90	32.14 0.66 -19.89	38.51 1.13 -19.37	51.06 1.53 -26.05	44.73 1.71 -16.72	34.54 1.80 -3.69	32.20 1.72 -3.11	27.28 1.65 -0.20	22.40 1.29 0.00
FORT ORANGE____ 23900	26.06 0.21 -20.75	23.92 0.24 -18.02	22.59 0.25 -16.32	21.77 0.21 -16.46	21.55 0.21 -16.25	21.31 0.27 -14.62	21.26 0.49 -9.12	25.70 0.29 -18.37	27.99 0.23 -22.15	28.69 0.47 -16.59	28.83 0.55 -14.47	29.41 0.54 -15.26	30.52 0.56 -16.43	30.51 0.54 -16.80	31.26 0.48 -19.30	33.08 0.35 -24.43	35.10 0.50 -23.02	40.72 0.85 -21.86	53.58 1.13 -28.97	45.71 1.29 -18.12	33.75 1.39 -3.30	31.42 1.26 -2.79	26.29 1.12 0.25	22.02 0.91 0.00
FORT_DRUM_COGEN 23780	7.32 0.01 -2.21	7.66 0.03 -1.97	7.87 0.02 -1.83	6.91 0.01 -1.80	6.88 0.01 -1.78	8.12 0.02 -1.68	11.83 0.08 -0.10	8.16 -0.04 -1.15	7.36 -0.01 -1.76	11.92 0.02 -0.27	14.85 0.11 -0.93	13.57 0.08 0.12	13.54 0.03 0.02	13.43 0.03 -0.22	12.66 0.01 -1.17	10.72 0.06 -2.37	13.91 0.12 -2.21	19.13 0.25 -0.87	26.77 0.40 -2.89	28.66 0.53 -1.83	30.06 0.64 -0.37	28.23 0.55 -0.31	25.83 0.41 0.00	21.32 0.21 0.00
FPL_FAR_ROCK_GT1 24212	22.81 0.45 -17.26	21.17 0.53 -14.99	20.07 0.48 -13.57	19.23 0.44 -13.69	19.04 0.43 -13.51	19.17 0.58 -12.16	20.08 0.84 -7.59	22.90 0.58 -15.28	24.49 0.46 -18.42	26.48 0.90 -13.96	27.40 1.05 -12.54	27.87 1.02 -13.25	28.83 0.91 -14.39	28.82 0.95 -14.69	29.05 0.80 -16.77	30.13 0.61 -21.23	32.59 0.76 -20.24	39.01 1.21 -19.79	51.85 1.67 -26.69	45.37 1.87 -17.21	35.07 2.12 -3.90	32.77 2.11 -3.29	28.12 2.42 -0.28	23.10 1.98 0.00
FPL_FAR_ROCK_GT2 23815	22.81 0.45 -17.26	21.17 0.53 -14.99	20.07 0.48 -13.57	19.23 0.44 -13.69	19.04 0.43 -13.51	19.17 0.58 -12.16	20.08 0.84 -7.59	22.90 0.58 -15.28	24.49 0.46 -18.42	26.48 0.90 -13.96	27.40 1.05 -12.54	27.87 1.02 -13.25	28.83 0.91 -14.39	28.82 0.95 -14.69	29.05 0.80 -16.77	30.13 0.61 -21.23	32.59 0.76 -20.24	39.01 1.21 -19.79	51.85 1.67 -26.69	45.37 1.87 -17.21	35.07 2.12 -3.90	32.77 2.11 -3.29	28.12 2.42 -0.28	23.10 1.98 0.00
FRANKLIN_FALL_HYD 24054	8.41 -0.28 -3.59	9.28 -0.31 -3.93	9.92 -0.28 -4.18	8.41 -0.28 -3.59	8.42 -0.26 -3.59	10.48 -0.35 -4.41	10.31 -0.59 0.75	5.45 -0.35 1.24	5.05 -0.28 0.29	6.53 -0.57 4.52	10.95 -0.65 2.21	5.42 -0.65 7.53	5.23 -0.65 7.65	5.92 -0.61 6.65	7.64 -0.52 3.33	7.96 -0.33 0.00	10.91 -0.50 0.18	11.17 -0.76 6.08	22.69 -0.80 0.00	25.41 -0.89 0.00	28.36 -0.70 0.00	26.82 -0.55 0.00	25.05 -0.38 0.00	20.71 -0.40 0.00
FREEPORT_EQUS_GT1 23764	22.79 0.43 -17.26	21.15 0.50 -14.99	20.05 0.45 -13.57	19.21 0.42 -13.69	19.01 0.41 -13.51	19.14 0.56 -12.16	20.02 0.78 -7.59	22.87 0.55 -15.28	24.47 0.44 -18.42	26.42 0.84 -13.96	27.34 0.99 -12.54	27.82 0.97 -13.25	28.78 0.85 -14.39	28.76 0.90 -14.69	29.01 0.76 -16.77	30.10 0.57 -21.23	32.52 0.70 -20.24	38.85 1.04 -19.79	51.61 1.43 -26.69	45.11 1.60 -17.21	34.87 1.92 -3.90	32.57 1.92 -3.29	28.02 2.31 -0.28	23.01 1.90 0.00
FREEPORT___CT2 23818	22.79 0.43 -17.26	21.15 0.50 -14.99	20.05 0.45 -13.57	19.21 0.42 -13.69	19.01 0.41 -13.51	19.14 0.56 -12.16	20.02 0.78 -7.59	22.87 0.55 -15.28	24.47 0.44 -18.42	26.42 0.84 -13.96	27.34 0.99 -12.54	27.82 0.97 -13.25	28.78 0.85 -14.39	28.76 0.90 -14.69	29.01 0.76 -16.77	30.10 0.57 -21.23	32.52 0.70 -20.24	38.85 1.04 -19.79	51.61 1.43 -26.69	45.11 1.60 -17.21	34.87 1.92 -3.90	32.57 1.92 -3.29	28.02 2.31 -0.28	23.01 1.90 0.00

FRESHKLS_33_KV_LOAD 356253	22.77 0.42 -17.25	21.09 0.45 -14.99	20.02 0.42 -13.57	19.14 0.36 -13.68	18.96 0.36 -13.51	19.03 0.45 -12.16	19.98 0.75 -7.59	22.80 0.48 -15.28	24.41 0.38 -18.42	26.36 0.78 -13.95	27.26 0.91 -12.54	27.74 0.88 -13.25	28.79 0.87 -14.39	28.71 0.84 -14.69	29.02 0.77 -16.76	30.07 0.55 -21.23	32.53 0.71 -20.24	38.88 1.08 -19.79	51.56 1.39 -26.69	45.06 1.55 -17.20	34.76 1.80 -3.90	32.55 1.89 -3.29	27.59 1.88 -0.28	22.72 1.60 0.00
FULTON COGEN____ 23766	8.31 0.02 -3.19	8.45 0.02 -2.77	8.55 0.01 -2.51	7.64 0.01 -2.53	7.60 0.01 -2.50	8.70 0.03 -2.25	13.11 0.06 -1.40	9.91 0.04 -2.83	9.06 0.03 -3.41	14.26 0.07 -2.57	16.16 0.08 -2.27	16.08 0.08 -2.39	16.20 0.08 -2.59	15.91 0.09 -2.64	14.58 0.07 -3.03	12.17 0.04 -3.83	15.28 0.07 -3.63	21.57 0.07 -3.49	28.22 0.07 -4.66	29.34 0.08 -2.96	29.68 0.03 -0.60	27.88 0.00 -0.51	25.38 -0.05 0.00	21.07 -0.04 0.00
FULTON____LFGE 323630	27.06 0.45 -21.50	24.85 0.51 -18.68	23.49 0.55 -16.92	22.62 0.46 -17.05	22.38 0.45 -16.84	22.15 0.57 -15.16	22.22 1.12 -9.45	26.77 0.68 -19.04	29.14 0.57 -22.96	29.97 1.13 -17.22	30.12 1.26 -15.05	30.82 1.35 -15.88	32.02 1.38 -17.11	32.06 1.40 -17.49	32.79 1.23 -20.08	34.67 0.95 -25.42	36.95 1.39 -23.98	43.13 2.29 -22.83	56.89 3.10 -30.31	48.73 3.42 -19.01	36.12 3.51 -3.55	33.38 3.01 -3.00	27.66 2.44 0.21	23.03 1.92 0.00
G.F.CEMENT____DRP 24184	26.81 0.32 -21.39	24.59 0.35 -18.58	23.26 0.41 -16.82	22.40 0.34 -16.96	22.18 0.34 -16.75	21.92 0.43 -15.07	21.88 0.83 -9.40	26.48 0.50 -18.94	28.86 0.42 -22.83	29.59 0.86 -17.11	29.77 1.04 -14.92	30.36 1.02 -15.74	31.47 0.99 -16.94	31.47 0.98 -17.32	32.13 0.75 -19.90	34.01 0.51 -25.20	36.10 0.76 -23.74	41.83 1.26 -22.56	55.08 1.69 -29.90	46.96 1.95 -18.71	34.48 2.00 -3.42	32.01 1.75 -2.89	26.62 1.45 0.25	22.27 1.16 0.00
GARDENVILLE____LBMP 24039	10.29 0.13 -5.06	10.19 0.14 -4.39	10.13 0.13 -3.98	9.24 0.13 -4.01	9.14 0.09 -3.96	10.16 0.17 -3.57	14.16 0.29 -2.22	11.63 0.11 -4.48	11.04 0.03 -5.40	15.66 -0.03 -4.07	17.28 -0.12 -3.59	17.27 -0.12 -3.79	17.54 -0.09 -4.10	17.30 -0.07 -4.19	16.26 -0.02 -4.80	14.32 -0.05 -6.07	17.34 0.00 -5.75	23.43 -0.11 -5.53	30.52 -0.35 -7.39	30.54 -0.45 -4.69	29.34 -0.67 -0.95	27.54 -0.63 -0.80	25.45 0.03 0.00	21.70 0.59 0.00
GARDNVLA_35_KV_LD 355827	10.30 0.15 -5.06	10.21 0.16 -4.39	10.15 0.14 -3.98	9.26 0.14 -4.01	9.16 0.11 -3.96	10.18 0.19 -3.56	14.20 0.33 -2.22	11.66 0.14 -4.48	11.06 0.05 -5.40	15.70 0.01 -4.06	17.33 -0.07 -3.59	17.32 -0.07 -3.79	17.59 -0.04 -4.10	17.35 0.02 -4.18	16.30 0.02 -4.79	14.35 -0.02 -6.07	17.38 0.05 -5.75	23.50 -0.04 -5.53	30.61 -0.26 -7.39	30.64 -0.34 -4.69	29.45 -0.55 -0.95	27.63 -0.55 -0.80	25.61 0.18 0.00	21.83 0.72 0.00
GELCKHM__115KV_LOAD 80723	8.86 0.06 -3.70	8.94 0.07 -3.22	9.00 0.06 -2.91	8.09 0.06 -2.94	8.04 0.05 -2.90	9.11 0.08 -2.61	13.43 0.15 -1.63	10.43 0.11 -3.28	9.65 0.08 -3.95	14.76 0.16 -2.98	16.63 0.19 -2.63	16.57 0.19 -2.78	16.72 0.19 -3.00	16.44 0.20 -3.06	15.16 0.16 -3.51	12.85 0.11 -4.45	15.96 0.16 -4.21	22.29 0.23 -4.05	29.18 0.28 -5.41	30.02 0.29 -3.43	30.01 0.26 -0.70	28.18 0.22 -0.59	25.58 0.15 0.00	21.28 0.17 0.00
GENERAL____MILLS 23808	10.30 0.14 -5.06	10.20 0.15 -4.39	10.14 0.14 -3.98	9.25 0.13 -4.01	9.15 0.10 -3.96	10.17 0.18 -3.56	14.19 0.31 -2.22	11.65 0.13 -4.48	11.05 0.04 -5.40	15.68 -0.01 -4.06	17.30 -0.10 -3.59	17.30 -0.10 -3.79	17.56 -0.07 -4.10	17.31 -0.05 -4.19	16.28 0.00 -4.79	14.33 -0.03 -6.07	17.36 0.02 -5.75	23.47 -0.07 -5.53	30.57 -0.31 -7.39	30.59 -0.39 -4.69	29.39 -0.61 -0.95	27.57 -0.60 -0.80	25.55 0.13 0.00	21.79 0.68 0.00
GE_PLASTICS____DRP 24183	26.08 0.19 -20.79	23.93 0.21 -18.06	22.61 0.23 -16.35	21.78 0.19 -16.49	21.56 0.19 -16.28	21.32 0.24 -14.65	21.24 0.45 -9.14	25.72 0.27 -18.41	28.02 0.21 -22.19	28.70 0.43 -16.64	28.87 0.51 -14.55	29.45 0.50 -15.34	30.57 0.50 -16.53	30.56 0.49 -16.90	31.33 0.44 -19.41	33.17 0.31 -24.57	35.20 0.44 -23.17	40.81 0.74 -22.07	53.73 0.96 -29.28	45.75 1.08 -18.37	33.67 1.19 -3.42	31.36 1.09 -2.89	26.21 0.99 0.21	21.92 0.80 0.00
GILBOA____1 23756	22.48 0.19 -17.19	20.81 0.22 -14.93	19.79 0.25 -13.52	18.95 0.21 -13.63	18.76 0.21 -13.46	18.79 0.25 -12.11	19.65 0.44 -7.56	22.53 0.44 -15.22	24.18 0.21 -18.35	25.87 0.43 -13.81	26.53 0.51 -12.21	26.99 0.50 -12.88	27.96 0.50 -13.92	27.89 0.49 -14.22	28.20 0.43 -16.29	29.23 0.30 -20.63	31.54 0.42 -19.54	37.48 0.67 -18.80	49.40 0.80 -25.11	43.12 0.89 -15.93	33.36 1.08 -3.23	31.11 1.01 -2.73	26.39 0.97 0.00	21.92 0.80 0.00
GILBOA____2 23757	22.48 0.19 -17.19	20.81 0.22 -14.93	19.79 0.25 -13.52	18.95 0.21 -13.63	18.76 0.21 -13.46	18.79 0.25 -12.11	19.65 0.44 -7.56	22.53 0.44 -15.22	24.18 0.21 -18.35	25.87 0.43 -13.81	26.53 0.51 -12.21	26.99 0.50 -12.88	27.96 0.50 -13.92	27.89 0.49 -14.22	28.20 0.43 -16.29	29.23 0.30 -20.63	31.54 0.42 -19.54	37.48 0.67 -18.80	49.40 0.80 -25.11	43.12 0.89 -15.93	33.36 1.08 -3.23	31.11 1.01 -2.73	26.39 0.97 0.00	21.92 0.80 0.00
GILBOA____3 23758	22.48 0.19 -17.19	20.81 0.22 -14.93	19.79 0.25 -13.52	18.95 0.21 -13.63	18.76 0.21 -13.46	18.79 0.25 -12.11	19.65 0.44 -7.56	22.53 0.44 -15.22	24.18 0.21 -18.35	25.87 0.43 -13.81	26.53 0.51 -12.21	26.99 0.50 -12.88	27.96 0.50 -13.92	27.89 0.49 -14.22	28.20 0.43 -16.29	29.23 0.30 -20.63	31.54 0.42 -19.54	37.48 0.67 -18.80	49.40 0.80 -25.11	43.12 0.89 -15.93	33.36 1.08 -3.23	31.11 1.01 -2.73	26.39 0.97 0.00	21.92 0.80 0.00
GILBOA____4 23759	22.48 0.19 -17.19	20.81 0.22 -14.93	19.79 0.25 -13.52	18.95 0.21 -13.63	18.76 0.21 -13.46	18.79 0.25 -12.11	19.65 0.44 -7.56	22.53 0.44 -15.22	24.18 0.21 -18.35	25.87 0.43 -13.81	26.53 0.51 -12.21	26.99 0.50 -12.88	27.96 0.50 -13.92	27.89 0.49 -14.22	28.20 0.43 -16.29	29.23 0.30 -20.63	31.54 0.42 -19.54	37.48 0.67 -18.80	49.40 0.80 -25.11	43.12 0.89 -15.93	33.36 1.08 -3.23	31.11 1.01 -2.73	26.39 0.97 0.00	21.92 0.80 0.00
GILBOA____ 23599	22.49 0.20 -17.19	20.81 0.22 -14.93	19.79 0.25 -13.52	18.95 0.21 -13.63	18.76 0.21 -13.46	18.79 0.25 -12.11	19.65 0.44 -7.56	22.53 0.44 -15.22	24.18 0.21 -18.35	25.87 0.43 -13.81	26.53 0.51 -12.21	26.99 0.50 -12.88	27.96 0.50 -13.92	27.89 0.49 -14.22	28.20 0.42 -16.29	29.23 0.30 -20.63	31.55 0.42 -19.54	37.48 0.67 -18.80	49.40 0.80 -25.11	43.12 0.89 -15.93	33.36 1.07 -3.23	31.11 1.01 -2.73	26.39 0.97 0.00	21.92 0.80 0.00
GINNA____ 23603	9.11 -0.16 -4.17	9.11 -0.17 -3.62	9.11 -0.19 -3.28	8.25 -0.16 -3.31	8.19 -0.16 -3.27	9.20 -0.16 -2.94	13.18 -0.30 -1.83	10.57 -0.17 -3.69	9.93 -0.13 -4.45	14.67 -0.30 -3.35	16.37 -0.40 -2.96	16.35 -0.38 -3.13	16.53 -0.38 -3.38	16.29 -0.34 -3.45	15.15 -0.29 -3.95	13.08 -0.22 -5.01	16.04 -0.29 -4.74	22.10 -0.47 -4.56	28.90 -0.68 -6.09	29.40 -0.76 -3.86	28.82 -1.02 -0.78	26.96 -1.07 -0.66	24.33 -1.09 0.00	20.31 -0.80 0.00

GLEN PARK____ 23778	7.40 0.03 -2.27	7.73 0.05 -2.02	7.94 0.04 -1.87	6.98 0.03 -1.85	6.94 0.02 -1.83	8.18 0.05 -1.72	11.96 0.14 -0.17	8.29 0.00 -1.25	7.49 0.01 -1.86	12.11 0.08 -0.40	15.01 0.19 -1.01	13.77 0.15 -0.02	13.75 0.10 -0.12	13.62 0.08 -0.36	12.83 0.07 -1.27	10.86 0.10 -2.46	14.06 0.17 -2.29	19.39 0.36 -1.02	27.04 0.56 -3.00	28.88 0.68 -1.90	30.28 0.84 -0.39	28.41 0.71 -0.33	25.96 0.53 0.00	21.43 0.32 0.00
GLENDALE_27_KV_LOAD 356172	22.74 0.38 -17.25	21.06 0.41 -14.99	19.99 0.39 -13.57	19.12 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.97 0.73 -7.59	22.78 0.46 -15.28	24.40 0.37 -18.42	26.35 0.77 -13.95	27.23 0.88 -12.54	27.72 0.87 -13.25	28.79 0.87 -14.39	28.71 0.84 -14.69	28.99 0.75 -16.76	30.06 0.53 -21.23	32.54 0.72 -20.24	38.99 1.19 -19.79	51.70 1.53 -26.69	45.21 1.71 -17.20	34.78 1.83 -3.90	32.49 1.83 -3.29	27.49 1.78 -0.28	22.61 1.50 0.00
GLENWOOD_IC_1_G5 23712	22.75 0.39 -17.26	21.09 0.45 -14.99	20.01 0.42 -13.57	19.16 0.37 -13.69	18.97 0.37 -13.51	19.08 0.49 -12.16	20.00 0.77 -7.59	22.83 0.51 -15.28	24.44 0.40 -18.42	26.38 0.80 -13.96	27.32 0.97 -12.54	27.79 0.94 -13.25	28.81 0.88 -14.39	28.75 0.88 -14.69	29.02 0.77 -16.77	30.09 0.56 -21.23	32.56 0.73 -20.24	38.96 1.15 -19.79	51.73 1.55 -26.69	45.24 1.74 -17.21	34.87 1.92 -3.90	32.57 1.92 -3.29	27.77 2.06 -0.28	22.78 1.67 0.00
GLENWOOD_IC_2_G1 23688	22.72 0.37 -17.26	21.06 0.41 -14.99	19.99 0.39 -13.57	19.13 0.35 -13.69	18.94 0.34 -13.51	19.04 0.46 -12.16	19.97 0.73 -7.59	22.80 0.48 -15.28	24.42 0.38 -18.42	26.35 0.77 -13.96	27.26 0.91 -12.54	27.75 0.90 -13.25	28.77 0.84 -14.39	28.71 0.84 -14.69	28.99 0.74 -16.77	30.07 0.54 -21.23	32.52 0.70 -20.24	38.92 1.12 -19.79	51.66 1.48 -26.69	45.16 1.66 -17.21	34.79 1.83 -3.90	32.49 1.83 -3.29	27.62 1.91 -0.28	22.65 1.54 0.00
GLENWOOD_IC_3_G1 23689	22.72 0.37 -17.26	21.06 0.41 -14.99	19.99 0.39 -13.57	19.13 0.35 -13.69	18.94 0.34 -13.51	19.04 0.46 -12.16	19.97 0.73 -7.59	22.80 0.48 -15.28	24.42 0.38 -18.42	26.35 0.77 -13.96	27.26 0.91 -12.54	27.75 0.90 -13.25	28.77 0.84 -14.39	28.71 0.84 -14.69	28.99 0.74 -16.77	30.07 0.54 -21.23	32.52 0.70 -20.24	38.92 1.12 -19.79	51.66 1.48 -26.69	45.16 1.66 -17.21	34.79 1.83 -3.90	32.49 1.83 -3.29	27.62 1.91 -0.28	22.65 1.54 0.00
GLENWOOD____4 23550	22.75 0.39 -17.26	21.09 0.45 -14.99	20.01 0.42 -13.57	19.16 0.37 -13.69	18.97 0.37 -13.51	19.08 0.49 -12.16	20.00 0.77 -7.59	22.83 0.51 -15.28	24.44 0.40 -18.42	26.38 0.80 -13.96	27.32 0.97 -12.54	27.79 0.94 -13.25	28.81 0.88 -14.39	28.75 0.88 -14.69	29.02 0.77 -16.77	30.09 0.56 -21.23	32.56 0.73 -20.24	38.96 1.15 -19.79	51.73 1.55 -26.69	45.24 1.74 -17.21	34.87 1.92 -3.90	32.57 1.92 -3.29	27.77 2.06 -0.28	22.78 1.67 0.00
GLENWOOD____5 23614	22.75 0.39 -17.26	21.09 0.45 -14.99	20.01 0.42 -13.57	19.16 0.37 -13.69	18.97 0.37 -13.51	19.08 0.49 -12.16	20.00 0.77 -7.59	22.83 0.51 -15.28	24.44 0.40 -18.42	26.38 0.80 -13.96	27.32 0.97 -12.54	27.79 0.94 -13.25	28.81 0.88 -14.39	28.75 0.88 -14.69	29.02 0.77 -16.77	30.09 0.56 -21.23	32.56 0.73 -20.24	38.96 1.15 -19.79	51.73 1.55 -26.69	45.24 1.74 -17.21	34.87 1.92 -3.90	32.57 1.92 -3.29	27.77 2.06 -0.28	22.78 1.67 0.00
GLOBAL GREEN_PORT_GT1 23814	23.08 0.72 -17.26	21.47 0.83 -14.99	20.36 0.76 -13.57	19.47 0.68 -13.69	19.29 0.69 -13.51	19.51 0.93 -12.16	20.61 1.37 -7.59	23.27 0.94 -15.28	24.80 0.76 -18.42	27.05 1.46 -13.96	28.10 1.75 -12.54	28.57 1.71 -13.25	29.47 1.54 -14.39	29.48 1.61 -14.70	29.62 1.37 -16.77	36.86 1.04 -27.53	39.60 1.34 -26.67	73.42 2.09 -53.32	90.82 2.86 -64.47	46.80 3.21 -17.29	41.85 3.57 -9.22	41.59 3.42 -10.80	37.59 3.81 -8.35	24.31 3.19 -0.01
GLOBE____DSASP 323697	9.99 0.03 -4.87	9.91 0.02 -4.23	9.86 0.01 -3.83	8.98 0.02 -3.86	8.89 -0.01 -3.81	9.89 0.04 -3.43	13.85 0.06 -2.14	11.32 -0.04 -4.31	10.72 -0.09 -5.19	15.26 -0.28 -3.91	16.84 -0.43 -3.45	16.83 -0.42 -3.65	17.08 -0.39 -3.94	16.83 -0.37 -4.03	15.82 -0.28 -4.61	13.90 -0.23 -5.83	16.85 -0.27 -5.53	22.75 -0.58 -5.32	29.60 -0.99 -7.10	29.60 -1.21 -4.51	28.52 -1.45 -0.91	26.75 -1.40 -0.77	24.44 -0.99 0.00	20.88 -0.23 0.00
GOETHSLN____LBMP 323567	22.69 0.34 -17.25	21.01 0.37 -14.99	19.95 0.36 -13.57	19.09 0.31 -13.68	18.90 0.30 -13.51	18.99 0.40 -12.16	19.95 0.71 -7.59	22.77 0.45 -15.28	24.39 0.36 -18.42	26.32 0.74 -13.95	27.20 0.86 -12.54	27.69 0.84 -13.25	28.76 0.84 -14.39	28.67 0.80 -14.69	28.96 0.71 -16.76	30.03 0.51 -21.23	32.51 0.68 -20.24	38.88 1.08 -19.79	51.58 1.41 -26.69	45.08 1.58 -17.20	34.64 1.69 -3.90	32.38 1.72 -3.29	27.44 1.73 -0.28	22.46 1.35 0.00
GOLAH____69_KV_TB 1_2 80279	9.52 0.15 -4.27	9.53 0.16 -3.71	9.54 0.16 -3.36	8.63 0.14 -3.39	8.56 0.12 -3.34	9.64 0.21 -3.01	13.89 0.36 -1.88	11.02 0.20 -3.78	10.31 0.13 -4.56	15.29 0.23 -3.43	17.06 0.22 -3.03	17.02 0.22 -3.20	17.21 0.22 -3.46	16.91 0.20 -3.53	15.72 0.18 -4.05	13.54 0.12 -5.13	16.67 0.23 -4.85	22.97 0.29 -4.67	29.96 0.23 -6.24	30.55 0.29 -3.96	30.00 0.15 -0.80	28.08 0.03 -0.68	25.48 0.05 0.00	21.45 0.34 0.00
GOODYEAR_LAKE_HYD 323669	15.93 0.27 -10.56	15.13 0.30 -9.18	14.65 0.31 -8.31	13.75 0.27 -8.38	13.62 0.26 -8.27	14.20 0.33 -7.45	16.92 0.63 -4.64	16.77 0.37 -9.35	17.20 0.31 -11.28	20.79 0.67 -8.49	22.13 0.81 -7.50	22.32 0.80 -7.92	22.88 0.79 -8.56	22.66 0.74 -8.74	22.14 0.64 -10.01	21.43 0.46 -12.68	24.25 0.65 -12.01	30.59 1.03 -11.56	40.21 1.29 -15.43	37.56 1.47 -9.79	32.70 1.66 -1.99	30.58 1.53 -1.68	26.85 1.42 0.00	22.27 1.16 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	12.98 0.18 -7.69	12.54 0.20 -6.68	12.28 0.20 -6.05	11.38 0.18 -6.10	11.28 0.17 -6.02	12.08 0.24 -5.42	15.46 0.43 -3.38	14.12 0.26 -6.81	14.02 0.20 -8.21	18.19 0.38 -6.18	19.71 0.44 -5.46	19.80 0.44 -5.77	20.20 0.43 -6.23	19.96 0.42 -6.37	19.14 0.37 -7.29	17.78 0.25 -9.24	20.69 0.36 -8.75	26.96 0.54 -8.42	35.41 0.68 -11.24	34.19 0.76 -7.13	31.26 0.76 -1.45	29.30 0.71 -1.22	26.27 0.84 0.00	21.92 0.80 0.00
GOUDEY____7 23579	12.98 0.19 -7.69	12.55 0.21 -6.68	12.29 0.21 -6.05	11.39 0.18 -6.10	11.29 0.17 -6.02	12.09 0.24 -5.42	15.47 0.44 -3.38	14.12 0.27 -6.81	14.03 0.20 -8.21	18.20 0.40 -6.18	19.73 0.46 -5.46	19.82 0.45 -5.77	20.21 0.45 -6.23	19.98 0.43 -6.37	19.16 0.38 -7.29	17.79 0.26 -9.24	20.70 0.37 -8.75	26.98 0.56 -8.42	35.43 0.70 -11.24	34.22 0.79 -7.13	31.28 0.78 -1.45	29.33 0.74 -1.22	26.29 0.86 0.00	21.94 0.82 0.00
GOUDEY____8 23580	12.98 0.18 -7.69	12.54 0.20 -6.68	12.28 0.20 -6.05	11.38 0.18 -6.10	11.28 0.17 -6.02	12.08 0.24 -5.42	15.46 0.43 -3.38	14.12 0.26 -6.81	14.02 0.20 -8.21	18.19 0.38 -6.18	19.71 0.44 -5.46	19.80 0.44 -5.77	20.20 0.43 -6.23	19.96 0.42 -6.37	19.14 0.37 -7.29	17.78 0.25 -9.24	20.69 0.36 -8.75	26.96 0.54 -8.42	35.41 0.68 -11.24	34.19 0.76 -7.13	31.26 0.76 -1.45	29.30 0.71 -1.22	26.27 0.84 0.00	21.92 0.80 0.00

GOWANUS_GT1_1 24077	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.97 0.73 -7.59	22.78 0.46 -15.28	24.40 0.37 -18.42	26.36 0.78 -13.95	27.25 0.90 -12.54	27.74 0.88 -13.25	28.79 0.87 -14.39	28.71 0.84 -14.69	29.01 0.76 -16.76	30.06 0.54 -21.23	32.56 0.73 -20.24	38.99 1.19 -19.79	51.70 1.53 -26.69	45.21 1.71 -17.20	34.84 1.89 -3.90	32.52 1.86 -3.29	27.54 1.83 -0.28	22.63 1.52 0.00
GOWANUS_GT1_2 24078	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.97 0.73 -7.59	22.78 0.46 -15.28	24.40 0.37 -18.42	26.36 0.78 -13.95	27.25 0.90 -12.54	27.74 0.88 -13.25	28.79 0.87 -14.39	28.71 0.84 -14.69	29.01 0.76 -16.76	30.06 0.54 -21.23	32.56 0.73 -20.24	38.99 1.19 -19.79	51.70 1.53 -26.69	45.21 1.71 -17.20	34.84 1.89 -3.90	32.52 1.86 -3.29	27.54 1.83 -0.28	22.63 1.52 0.00
GOWANUS_GT1_3 24079	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.97 0.73 -7.59	22.78 0.46 -15.28	24.40 0.37 -18.42	26.36 0.78 -13.95	27.25 0.90 -12.54	27.74 0.88 -13.25	28.79 0.87 -14.39	28.71 0.84 -14.69	29.01 0.76 -16.76	30.06 0.54 -21.23	32.56 0.73 -20.24	38.99 1.19 -19.79	51.70 1.53 -26.69	45.21 1.71 -17.20	34.84 1.89 -3.90	32.52 1.86 -3.29	27.54 1.83 -0.28	22.63 1.52 0.00
GOWANUS_GT1_4 24080	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.97 0.73 -7.59	22.78 0.46 -15.28	24.40 0.37 -18.42	26.36 0.78 -13.95	27.25 0.90 -12.54	27.74 0.88 -13.25	28.79 0.87 -14.39	28.71 0.84 -14.69	29.01 0.76 -16.76	30.06 0.54 -21.23	32.56 0.73 -20.24	38.99 1.19 -19.79	51.70 1.53 -26.69	45.21 1.71 -17.20	34.84 1.89 -3.90	32.52 1.86 -3.29	27.54 1.83 -0.28	22.63 1.52 0.00
GOWANUS_GT1_5 24084	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.97 0.73 -7.59	22.78 0.46 -15.28	24.40 0.37 -18.42	26.36 0.78 -13.95	27.25 0.90 -12.54	27.74 0.88 -13.25	28.79 0.87 -14.39	28.71 0.84 -14.69	29.01 0.76 -16.76	30.06 0.54 -21.23	32.56 0.73 -20.24	38.99 1.19 -19.79	51.70 1.53 -26.69	45.21 1.71 -17.20	34.84 1.89 -3.90	32.52 1.86 -3.29	27.54 1.83 -0.28	22.63 1.52 0.00
GOWANUS_GT1_6 24111	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.97 0.73 -7.59	22.78 0.46 -15.28	24.40 0.37 -18.42	26.36 0.78 -13.95	27.25 0.90 -12.54	27.74 0.88 -13.25	28.79 0.87 -14.39	28.71 0.84 -14.69	29.01 0.76 -16.76	30.06 0.54 -21.23	32.56 0.73 -20.24	38.99 1.19 -19.79	51.70 1.53 -26.69	45.21 1.71 -17.20	34.84 1.89 -3.90	32.52 1.86 -3.29	27.54 1.83 -0.28	22.63 1.52 0.00
GOWANUS_GT1_7 24112	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.97 0.73 -7.59	22.78 0.46 -15.28	24.40 0.37 -18.42	26.36 0.78 -13.95	27.25 0.90 -12.54	27.74 0.88 -13.25	28.79 0.87 -14.39	28.71 0.84 -14.69	29.01 0.76 -16.76	30.06 0.54 -21.23	32.56 0.73 -20.24	38.99 1.19 -19.79	51.70 1.53 -26.69	45.21 1.71 -17.20	34.84 1.89 -3.90	32.52 1.86 -3.29	27.54 1.83 -0.28	22.63 1.52 0.00
GOWANUS_GT1_8 24113	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.97 0.73 -7.59	22.78 0.46 -15.28	24.40 0.37 -18.42	26.36 0.78 -13.95	27.25 0.90 -12.54	27.74 0.88 -13.25	28.79 0.87 -14.39	28.71 0.84 -14.69	29.01 0.76 -16.76	30.06 0.54 -21.23	32.56 0.73 -20.24	38.99 1.19 -19.79	51.70 1.53 -26.69	45.21 1.71 -17.20	34.84 1.89 -3.90	32.52 1.86 -3.29	27.54 1.83 -0.28	22.63 1.52 0.00
GOWANUS_GT2_1 24114	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.96 0.73 -7.58	22.78 0.46 -15.27	24.39 0.37 -18.41	26.35 0.78 -13.95	27.24 0.90 -12.53	27.73 0.88 -13.24	28.78 0.87 -14.38	28.70 0.84 -14.68	29.00 0.76 -16.76	30.06 0.54 -21.22	32.55 0.73 -20.23	38.98 1.19 -19.78	51.69 1.53 -26.68	45.20 1.71 -17.20	34.83 1.89 -3.89	32.51 1.86 -3.28	27.53 1.83 -0.27	22.63 1.52 0.00
GOWANUS_GT2_2 24115	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.96 0.73 -7.58	22.78 0.46 -15.27	24.39 0.37 -18.41	26.35 0.78 -13.95	27.24 0.90 -12.53	27.73 0.88 -13.24	28.78 0.87 -14.38	28.70 0.84 -14.68	29.00 0.76 -16.76	30.06 0.54 -21.22	32.55 0.73 -20.23	38.98 1.19 -19.78	51.69 1.53 -26.68	45.20 1.71 -17.20	34.83 1.89 -3.89	32.51 1.86 -3.28	27.53 1.83 -0.27	22.63 1.52 0.00
GOWANUS_GT2_3 24116	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.96 0.73 -7.58	22.78 0.46 -15.27	24.39 0.37 -18.41	26.35 0.78 -13.95	27.24 0.90 -12.53	27.73 0.88 -13.24	28.78 0.87 -14.38	28.70 0.84 -14.68	29.00 0.76 -16.76	30.06 0.54 -21.22	32.55 0.73 -20.23	38.98 1.19 -19.78	51.69 1.53 -26.68	45.20 1.71 -17.20	34.83 1.89 -3.89	32.51 1.86 -3.28	27.53 1.83 -0.27	22.63 1.52 0.00
GOWANUS_GT2_4 24117	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.96 0.73 -7.58	22.78 0.46 -15.27	24.39 0.37 -18.41	26.35 0.78 -13.95	27.24 0.90 -12.53	27.73 0.88 -13.24	28.78 0.87 -14.38	28.70 0.84 -14.68	29.00 0.76 -16.76	30.06 0.54 -21.22	32.55 0.73 -20.23	38.98 1.19 -19.78	51.69 1.53 -26.68	45.20 1.71 -17.20	34.83 1.89 -3.89	32.51 1.86 -3.28	27.53 1.83 -0.27	22.63 1.52 0.00
GOWANUS_GT2_5 24118	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.96 0.73 -7.58	22.78 0.46 -15.27	24.39 0.37 -18.41	26.35 0.78 -13.95	27.24 0.90 -12.53	27.73 0.88 -13.24	28.78 0.87 -14.38	28.70 0.84 -14.68	29.00 0.76 -16.76	30.06 0.54 -21.22	32.55 0.73 -20.23	38.98 1.19 -19.78	51.69 1.53 -26.68	45.20 1.71 -17.20	34.83 1.89 -3.89	32.51 1.86 -3.28	27.53 1.83 -0.27	22.63 1.52 0.00
GOWANUS_GT2_6 24119	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.96 0.73 -7.58	22.78 0.46 -15.27	24.39 0.37 -18.41	26.35 0.78 -13.95	27.24 0.90 -12.53	27.73 0.88 -13.24	28.78 0.87 -14.38	28.70 0.84 -14.68	29.00 0.76 -16.76	30.06 0.54 -21.22	32.55 0.73 -20.23	38.98 1.19 -19.78	51.69 1.53 -26.68	45.20 1.71 -17.20	34.83 1.89 -3.89	32.51 1.86 -3.28	27.53 1.83 -0.27	22.63 1.52 0.00
GOWANUS_GT2_7 24120	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.96 0.73 -7.58	22.78 0.46 -15.27	24.39 0.37 -18.41	26.35 0.78 -13.95	27.24 0.90 -12.53	27.73 0.88 -13.24	28.78 0.87 -14.38	28.70 0.84 -14.68	29.00 0.76 -16.76	30.06 0.54 -21.22	32.55 0.73 -20.23	38.98 1.19 -19.78	51.69 1.53 -26.68	45.20 1.71 -17.20	34.83 1.89 -3.89	32.51 1.86 -3.28	27.53 1.83 -0.27	22.63 1.52 0.00

GOWANUS_GT2_8 24121	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.96 0.73 -7.58	22.78 0.46 -15.27	24.39 0.37 -18.41	26.35 0.78 -13.95	27.24 0.90 -12.53	27.73 0.88 -13.24	28.78 0.87 -14.38	28.70 0.84 -14.68	29.00 0.76 -16.76	30.06 0.54 -21.22	32.55 0.73 -20.23	38.98 1.19 -19.78	51.69 1.53 -26.68	45.20 1.71 -17.20	34.83 1.89 -3.89	32.51 1.86 -3.28	27.53 1.83 -0.27	22.63 1.52 0.00
GOWANUS_GT3_1 24122	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.96 0.73 -7.58	22.78 0.46 -15.27	24.39 0.37 -18.41	26.35 0.78 -13.95	27.24 0.90 -12.53	27.73 0.88 -13.24	28.78 0.87 -14.38	28.70 0.84 -14.68	29.00 0.76 -16.76	30.06 0.54 -21.22	32.55 0.73 -20.23	38.98 1.19 -19.78	51.69 1.53 -26.68	45.20 1.71 -17.20	34.83 1.89 -3.89	32.51 1.86 -3.28	27.53 1.83 -0.27	22.63 1.52 0.00
GOWANUS_GT3_2 24123	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.96 0.73 -7.58	22.78 0.46 -15.27	24.39 0.37 -18.41	26.35 0.78 -13.95	27.24 0.90 -12.53	27.73 0.88 -13.24	28.78 0.87 -14.38	28.70 0.84 -14.68	29.00 0.76 -16.76	30.06 0.54 -21.22	32.55 0.73 -20.23	38.98 1.19 -19.78	51.69 1.53 -26.68	45.20 1.71 -17.20	34.83 1.89 -3.89	32.51 1.86 -3.28	27.53 1.83 -0.27	22.63 1.52 0.00
GOWANUS_GT3_3 24124	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.96 0.73 -7.58	22.78 0.46 -15.27	24.39 0.37 -18.41	26.35 0.78 -13.95	27.24 0.90 -12.53	27.73 0.88 -13.24	28.78 0.87 -14.38	28.70 0.84 -14.68	29.00 0.76 -16.76	30.06 0.54 -21.22	32.55 0.73 -20.23	38.98 1.19 -19.78	51.69 1.53 -26.68	45.20 1.71 -17.20	34.83 1.89 -3.89	32.51 1.86 -3.28	27.53 1.83 -0.27	22.63 1.52 0.00
GOWANUS_GT3_4 24125	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.96 0.73 -7.58	22.78 0.46 -15.27	24.39 0.37 -18.41	26.35 0.78 -13.95	27.24 0.90 -12.53	27.73 0.88 -13.24	28.78 0.87 -14.38	28.70 0.84 -14.68	29.00 0.76 -16.76	30.06 0.54 -21.22	32.55 0.73 -20.23	38.98 1.19 -19.78	51.69 1.53 -26.68	45.20 1.71 -17.20	34.83 1.89 -3.89	32.51 1.86 -3.28	27.53 1.83 -0.27	22.63 1.52 0.00
GOWANUS_GT3_5 24126	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.96 0.73 -7.58	22.78 0.46 -15.27	24.39 0.37 -18.41	26.35 0.78 -13.95	27.24 0.90 -12.53	27.73 0.88 -13.24	28.78 0.87 -14.38	28.70 0.84 -14.68	29.00 0.76 -16.76	30.06 0.54 -21.22	32.55 0.73 -20.23	38.98 1.19 -19.78	51.69 1.53 -26.68	45.20 1.71 -17.20	34.83 1.89 -3.89	32.51 1.86 -3.28	27.53 1.83 -0.27	22.63 1.52 0.00
GOWANUS_GT3_6 24127	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.96 0.73 -7.58	22.78 0.46 -15.27	24.39 0.37 -18.41	26.35 0.78 -13.95	27.24 0.90 -12.53	27.73 0.88 -13.24	28.78 0.87 -14.38	28.70 0.84 -14.68	29.00 0.76 -16.76	30.06 0.54 -21.22	32.55 0.73 -20.23	38.98 1.19 -19.78	51.69 1.53 -26.68	45.20 1.71 -17.20	34.83 1.89 -3.89	32.51 1.86 -3.28	27.53 1.83 -0.27	22.63 1.52 0.00
GOWANUS_GT3_7 24128	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.96 0.73 -7.58	22.78 0.46 -15.27	24.39 0.37 -18.41	26.35 0.78 -13.95	27.24 0.90 -12.53	27.73 0.88 -13.24	28.78 0.87 -14.38	28.70 0.84 -14.68	29.00 0.76 -16.76	30.06 0.54 -21.22	32.55 0.73 -20.23	38.98 1.19 -19.78	51.69 1.53 -26.68	45.20 1.71 -17.20	34.83 1.89 -3.89	32.51 1.86 -3.28	27.53 1.83 -0.27	22.63 1.52 0.00
GOWANUS_GT3_8 24129	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.96 0.73 -7.58	22.78 0.46 -15.27	24.39 0.37 -18.41	26.35 0.78 -13.95	27.24 0.90 -12.53	27.73 0.88 -13.24	28.78 0.87 -14.38	28.70 0.84 -14.68	29.00 0.76 -16.76	30.06 0.54 -21.22	32.55 0.73 -20.23	38.98 1.19 -19.78	51.69 1.53 -26.68	45.20 1.71 -17.20	34.83 1.89 -3.89	32.51 1.86 -3.28	27.53 1.83 -0.27	22.63 1.52 0.00
GOWANUS_GT4_1 24130	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.97 0.73 -7.59	22.78 0.46 -15.28	24.40 0.37 -18.42	26.36 0.78 -13.95	27.25 0.90 -12.54	27.74 0.88 -13.25	28.79 0.87 -14.39	28.71 0.84 -14.69	29.01 0.76 -16.76	30.06 0.54 -21.23	32.56 0.73 -20.24	38.99 1.19 -19.79	51.70 1.53 -26.69	45.21 1.71 -17.20	34.84 1.89 -3.90	32.52 1.86 -3.29	27.54 1.83 -0.28	22.63 1.52 0.00
GOWANUS_GT4_2 24131	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.97 0.73 -7.59	22.78 0.46 -15.28	24.40 0.37 -18.42	26.36 0.78 -13.95	27.25 0.90 -12.54	27.74 0.88 -13.25	28.79 0.87 -14.39	28.71 0.84 -14.69	29.01 0.76 -16.76	30.06 0.54 -21.23	32.56 0.73 -20.24	38.99 1.19 -19.79	51.70 1.53 -26.69	45.21 1.71 -17.20	34.84 1.89 -3.90	32.52 1.86 -3.29	27.54 1.83 -0.28	22.63 1.52 0.00
GOWANUS_GT4_3 24132	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.97 0.73 -7.59	22.78 0.46 -15.28	24.40 0.37 -18.42	26.36 0.78 -13.95	27.25 0.90 -12.54	27.74 0.88 -13.25	28.79 0.87 -14.39	28.71 0.84 -14.69	29.01 0.76 -16.76	30.06 0.54 -21.23	32.56 0.73 -20.24	38.99 1.19 -19.79	51.70 1.53 -26.69	45.21 1.71 -17.20	34.84 1.89 -3.90	32.52 1.86 -3.29	27.54 1.83 -0.28	22.63 1.52 0.00
GOWANUS_GT4_4 24133	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.97 0.73 -7.59	22.78 0.46 -15.28	24.40 0.37 -18.42	26.36 0.78 -13.95	27.25 0.90 -12.54	27.74 0.88 -13.25	28.79 0.87 -14.39	28.71 0.84 -14.69	29.01 0.76 -16.76	30.06 0.54 -21.23	32.56 0.73 -20.24	38.99 1.19 -19.79	51.70 1.53 -26.69	45.21 1.71 -17.20	34.84 1.89 -3.90	32.52 1.86 -3.29	27.54 1.83 -0.28	22.63 1.52 0.00
GOWANUS_GT4_5 24134	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.97 0.73 -7.59	22.78 0.46 -15.28	24.40 0.37 -18.42	26.36 0.78 -13.95	27.25 0.90 -12.54	27.74 0.88 -13.25	28.79 0.87 -14.39	28.71 0.84 -14.69	29.01 0.76 -16.76	30.06 0.54 -21.23	32.56 0.73 -20.24	38.99 1.19 -19.79	51.70 1.53 -26.69	45.21 1.71 -17.20	34.84 1.89 -3.90	32.52 1.86 -3.29	27.54 1.83 -0.28	22.63 1.52 0.00
GOWANUS_GT4_6 24135	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.97 0.73 -7.59	22.78 0.46 -15.28	24.40 0.37 -18.42	26.36 0.78 -13.95	27.25 0.90 -12.54	27.74 0.88 -13.25	28.79 0.87 -14.39	28.71 0.84 -14.69	29.01 0.76 -16.76	30.06 0.54 -21.23	32.56 0.73 -20.24	38.99 1.19 -19.79	51.70 1.53 -26.69	45.21 1.71 -17.20	34.84 1.89 -3.90	32.52 1.86 -3.29	27.54 1.83 -0.28	22.63 1.52 0.00

GOWANUS_GT4_7 24136	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.97 0.73 -7.59	22.78 0.46 -15.28	24.40 0.37 -18.42	26.36 0.78 -13.95	27.25 0.90 -12.54	27.74 0.88 -13.25	28.79 0.87 -14.39	28.71 0.84 -14.69	29.01 0.76 -16.76	30.06 0.54 -21.23	32.56 0.73 -20.24	38.99 1.19 -19.79	51.70 1.53 -26.69	45.21 1.71 -17.20	34.84 1.89 -3.90	32.52 1.86 -3.29	27.54 1.83 -0.28	22.63 1.52 0.00
GOWANUS_GT4_8 24137	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.97 0.73 -7.59	22.78 0.46 -15.28	24.40 0.37 -18.42	26.36 0.78 -13.95	27.25 0.90 -12.54	27.74 0.88 -13.25	28.79 0.87 -14.39	28.71 0.84 -14.69	29.01 0.76 -16.76	30.06 0.54 -21.23	32.56 0.73 -20.24	38.99 1.19 -19.79	51.70 1.53 -26.69	45.21 1.71 -17.20	34.84 1.89 -3.90	32.52 1.86 -3.29	27.54 1.83 -0.28	22.63 1.52 0.00
GREENBSH_115KV_TB3 55895	26.15 0.20 -20.85	23.99 0.22 -18.11	22.65 0.23 -16.40	21.83 0.19 -16.53	21.61 0.20 -16.32	21.37 0.26 -14.69	21.28 0.47 -9.17	25.78 0.27 -18.46	28.09 0.22 -22.25	28.75 0.45 -16.67	28.87 0.54 -14.53	29.45 0.53 -15.32	30.55 0.53 -16.49	30.55 0.51 -16.86	31.30 0.45 -19.37	33.14 0.32 -24.52	35.15 0.46 -23.10	40.70 0.77 -21.92	53.53 1.01 -29.03	45.60 1.16 -18.15	33.56 1.22 -3.29	31.27 1.12 -2.78	26.17 1.02 0.27	21.94 0.82 0.00
GREENDGE_115KV_TB5 80291	10.87 0.20 -5.57	10.72 0.22 -4.84	10.63 0.22 -4.38	9.72 0.19 -4.42	9.63 0.18 -4.36	10.63 0.28 -3.93	14.61 0.51 -2.45	12.29 0.32 -4.94	11.80 0.24 -5.95	16.56 0.45 -4.48	18.28 0.51 -3.96	18.27 0.49 -4.18	18.54 0.49 -4.51	18.28 0.49 -4.61	17.19 0.42 -5.28	15.27 0.28 -6.69	18.36 0.44 -6.34	24.77 0.67 -6.10	32.52 0.89 -8.14	32.44 0.97 -5.16	31.00 0.90 -1.05	29.02 0.77 -0.88	26.27 0.84 0.00	21.96 0.84 0.00
GREENIDGE___3 23582	10.87 0.20 -5.57	10.72 0.22 -4.84	10.63 0.22 -4.38	9.72 0.19 -4.42	9.63 0.18 -4.36	10.63 0.28 -3.93	14.61 0.51 -2.45	12.29 0.32 -4.94	11.80 0.24 -5.95	16.56 0.45 -4.48	18.28 0.51 -3.96	18.27 0.49 -4.18	18.54 0.49 -4.51	18.28 0.49 -4.61	17.19 0.42 -5.28	15.27 0.28 -6.69	18.36 0.44 -6.34	24.77 0.67 -6.10	32.52 0.89 -8.14	32.44 0.97 -5.16	31.00 0.90 -1.05	29.02 0.77 -0.88	26.27 0.84 0.00	21.96 0.84 0.00
GREENIDGE___4 23583	10.85 0.18 -5.57	10.72 0.22 -4.84	10.63 0.22 -4.38	9.72 0.19 -4.42	9.63 0.18 -4.36	10.62 0.28 -3.93	14.61 0.51 -2.45	12.30 0.32 -4.94	11.80 0.24 -5.95	16.56 0.45 -4.48	18.28 0.51 -3.96	18.27 0.49 -4.18	18.54 0.49 -4.51	18.28 0.49 -4.61	17.19 0.43 -5.28	15.27 0.28 -6.69	18.36 0.44 -6.34	24.77 0.67 -6.10	32.52 0.89 -8.14	32.44 0.97 -5.16	31.00 0.90 -1.05	29.02 0.77 -0.88	26.27 0.84 0.00	21.96 0.85 0.00
GREENLWN_69_KV_BK 3 55738	22.78 0.42 -17.26	21.14 0.49 -14.99	20.03 0.43 -13.57	19.20 0.41 -13.69	19.00 0.40 -13.51	19.13 0.55 -12.16	19.98 0.75 -7.59	22.85 0.53 -15.28	24.46 0.43 -18.42	26.38 0.80 -13.96	27.32 0.97 -12.54	27.79 0.94 -13.25	28.74 0.81 -14.39	28.72 0.86 -14.69	28.99 0.74 -16.77	29.91 0.55 -21.07	32.27 0.64 -20.05	37.82 0.97 -18.84	50.40 1.29 -25.62	44.94 1.45 -17.19	34.45 1.66 -3.74	32.24 1.81 -3.06	27.83 2.36 -0.04	22.97 1.86 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.97 0.73 -7.59	22.78 0.46 -15.28	24.40 0.37 -18.42	26.36 0.78 -13.95	27.25 0.90 -12.54	27.74 0.88 -13.25	28.79 0.87 -14.39	28.71 0.84 -14.69	29.01 0.76 -16.76	30.06 0.54 -21.23	32.56 0.73 -20.24	38.99 1.19 -19.79	51.70 1.53 -26.69	45.21 1.71 -17.20	34.84 1.89 -3.90	32.52 1.86 -3.29	27.54 1.83 -0.28	22.63 1.52 0.00
GRISSOM___SOLAR 323813	27.06 0.45 -21.50	24.85 0.51 -18.68	23.49 0.55 -16.92	22.62 0.46 -17.05	22.38 0.45 -16.84	22.15 0.57 -15.16	22.22 1.12 -9.45	26.77 0.68 -19.04	29.14 0.57 -22.96	29.97 1.13 -17.22	30.12 1.26 -15.05	30.82 1.35 -15.88	32.02 1.38 -17.11	32.06 1.40 -17.49	32.79 1.23 -20.08	34.67 0.95 -25.42	36.95 1.39 -23.98	43.13 2.29 -22.83	56.89 3.10 -30.31	48.73 3.42 -19.01	36.12 3.51 -3.55	33.38 3.01 -3.00	27.66 2.44 0.21	23.03 1.92 0.00
GROVEVILLE___HYD 323602	22.52 0.33 -17.10	20.87 0.36 -14.85	19.83 0.36 -13.45	18.96 0.30 -13.56	18.77 0.29 -13.39	18.85 0.38 -12.05	19.83 0.66 -7.52	22.59 0.41 -15.14	24.19 0.33 -18.25	26.09 0.66 -13.80	26.93 0.77 -12.35	27.41 0.76 -13.05	28.44 0.76 -14.15	28.35 0.72 -14.45	28.64 0.65 -16.50	29.68 0.48 -20.90	32.14 0.66 -19.89	38.51 1.13 -19.37	51.06 1.53 -26.05	44.73 1.71 -16.72	34.54 1.80 -3.69	32.20 1.72 -3.11	27.28 1.65 -0.20	22.40 1.29 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	9.14 0.11 -3.94	9.20 0.12 -3.42	9.24 0.12 -3.10	8.33 0.11 -3.12	8.27 0.10 -3.08	9.34 0.15 -2.77	13.66 0.28 -1.73	10.71 0.18 -3.48	9.96 0.14 -4.20	15.08 0.29 -3.16	16.95 0.35 -2.79	16.89 0.34 -2.95	17.07 0.35 -3.19	16.78 0.34 -3.26	15.50 0.29 -3.73	13.22 0.20 -4.72	16.35 0.29 -4.47	22.73 0.41 -4.30	29.77 0.54 -5.75	30.53 0.58 -3.65	30.35 0.55 -0.74	28.49 0.49 -0.62	25.86 0.43 0.00	21.51 0.40 0.00
HAMLTNNY_34_KV_TB 80303	9.36 0.13 -4.13	9.40 0.15 -3.58	9.42 0.15 -3.25	8.51 0.13 -3.27	8.44 0.12 -3.23	9.52 0.19 -2.91	13.81 0.35 -1.81	10.92 0.23 -3.65	10.20 0.18 -4.40	15.30 0.36 -3.32	17.15 0.41 -2.93	17.12 0.42 -3.09	17.30 0.42 -3.34	17.01 0.42 -3.41	15.75 0.36 -3.91	13.50 0.25 -4.95	16.64 0.36 -4.69	23.06 0.54 -4.51	30.19 0.68 -6.03	30.89 0.76 -3.82	30.56 0.73 -0.78	28.68 0.66 -0.65	26.01 0.58 0.00	21.64 0.53 0.00
HAMPSHIRE___PAPER_HYD 323593	6.56 -0.10 -1.56	7.04 -0.11 -1.49	7.37 -0.10 -1.45	6.36 -0.10 -1.36	6.34 -0.10 -1.35	7.69 -0.14 -1.40	9.75 -0.21 1.69	6.09 -0.20 0.76	5.56 -0.15 -0.09	8.60 -0.27 2.76	13.02 -0.23 0.56	9.77 -0.29 3.54	9.60 -0.38 3.55	9.83 -0.38 2.96	10.19 -0.33 0.96	9.29 -0.19 -1.18	12.31 -0.29 -1.02	15.22 -0.41 2.38	24.48 -0.45 -1.44	26.74 -0.47 -0.91	28.86 -0.38 -0.19	27.31 -0.22 -0.16	25.25 -0.18 0.00	20.88 -0.23 0.00
HARDSCRABBLE_WT_PWR 323673	5.42 -0.10 -0.42	5.92 -0.10 -0.37	6.25 -0.11 -0.33	5.35 -0.09 -0.34	5.34 -0.09 -0.33	6.62 -0.10 -0.30	11.96 -0.17 -0.49	7.53 -0.11 -0.59	6.13 -0.07 -0.59	12.28 -0.12 -0.77	14.13 -0.11 -0.44	14.27 -0.11 -0.78	14.24 -0.11 -0.81	13.82 -0.12 -0.76	11.99 -0.10 -0.61	8.73 -0.07 -0.51	11.98 -0.10 -0.49	18.70 -0.14 -0.84	23.94 -0.16 -0.62	26.54 -0.16 -0.39	28.99 -0.14 -0.08	27.33 -0.11 -0.07	25.33 -0.10 0.00	21.03 -0.08 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	21.21 0.33 -15.79	19.72 0.35 -13.71	18.79 0.35 -12.42	17.92 0.30 -12.52	17.74 0.29 -12.36	17.93 0.38 -11.13	19.25 0.66 -6.94	21.43 0.41 -13.98	22.79 0.33 -16.85	25.06 0.67 -12.76	26.03 0.79 -11.44	26.45 0.76 -12.08	27.41 0.76 -13.11	27.30 0.74 -13.39	27.43 0.65 -15.29	28.13 0.47 -19.36	30.68 0.65 -18.44	37.10 1.10 -18.00	49.22 1.50 -24.24	43.55 1.66 -15.59	34.31 1.77 -3.49	31.98 1.67 -2.94	27.25 1.60 -0.22	22.36 1.25 0.00

HARSNRAD_115KV_TB1 81005	10.04 0.14 -4.80	9.98 0.15 -4.17	9.94 0.14 -3.77	9.04 0.14 -3.80	8.95 0.10 -3.76	9.99 0.19 -3.38	14.06 0.30 -2.11	11.38 0.09 -4.25	10.75 0.02 -5.12	15.41 -0.07 -3.85	17.04 -0.18 -3.41	17.03 -0.16 -3.59	17.27 -0.15 -3.88	17.03 -0.12 -3.97	15.99 -0.05 -4.55	13.98 -0.07 -5.76	17.02 -0.02 -5.45	23.07 -0.18 -5.25	30.02 -0.47 -7.01	30.17 -0.58 -4.44	29.11 -0.84 -0.90	27.31 -0.82 -0.76	25.02 -0.41 0.00	21.39 0.27 0.00
HARZA MOOSE__RIVER 24016	6.51 0.06 -1.35	6.94 0.07 -1.21	7.22 0.07 -1.13	6.27 0.06 -1.11	6.24 0.05 -1.10	7.53 0.07 -1.04	11.97 0.16 -0.15	7.80 0.01 -0.75	6.74 0.02 -1.10	11.99 0.09 -0.27	14.60 0.21 -0.59	13.82 0.19 -0.03	13.78 0.16 -0.09	13.53 0.13 -0.22	12.34 0.11 -0.74	9.86 0.14 -1.42	13.11 0.20 -1.33	18.97 0.36 -0.60	25.73 0.52 -1.73	28.00 0.60 -1.10	30.00 0.73 -0.22	28.22 0.66 -0.19	25.96 0.53 0.00	21.49 0.38 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	8.87 0.07 -3.71	8.95 0.07 -3.22	9.01 0.07 -2.92	8.10 0.06 -2.94	8.04 0.05 -2.90	9.12 0.09 -2.61	13.44 0.16 -1.63	10.44 0.11 -3.28	9.65 0.08 -3.96	14.78 0.17 -2.98	16.63 0.19 -2.63	16.58 0.20 -2.78	16.74 0.20 -3.00	16.45 0.21 -3.07	15.17 0.17 -3.51	12.86 0.12 -4.45	15.97 0.17 -4.21	22.30 0.23 -4.05	29.18 0.28 -5.41	30.05 0.32 -3.43	30.01 0.26 -0.70	28.18 0.22 -0.59	25.61 0.18 0.00	21.30 0.19 0.00
HELLGATE_13_KV_LD 55870	22.72 0.37 -17.25	21.05 0.40 -14.99	19.98 0.38 -13.57	19.11 0.32 -13.68	18.92 0.32 -13.51	19.00 0.42 -12.16	19.92 0.69 -7.59	22.75 0.43 -15.28	24.37 0.34 -18.42	26.29 0.71 -13.95	27.16 0.81 -12.54	27.65 0.80 -13.25	28.72 0.80 -14.39	28.63 0.76 -14.69	28.93 0.68 -16.76	30.01 0.49 -21.23	32.49 0.66 -20.24	38.88 1.08 -19.79	51.56 1.39 -26.69	45.06 1.55 -17.20	34.61 1.66 -3.90	32.33 1.67 -3.29	27.36 1.65 -0.28	22.53 1.41 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	22.72 0.37 -17.25	21.05 0.40 -14.99	19.98 0.38 -13.57	19.11 0.32 -13.68	18.92 0.32 -13.51	19.00 0.42 -12.16	19.92 0.69 -7.59	22.75 0.43 -15.28	24.37 0.34 -18.42	26.29 0.71 -13.95	27.16 0.81 -12.54	27.65 0.80 -13.25	28.72 0.80 -14.39	28.63 0.76 -14.69	28.93 0.68 -16.76	30.01 0.49 -21.23	32.49 0.66 -20.24	38.88 1.08 -19.79	51.56 1.39 -26.69	45.06 1.55 -17.20	34.61 1.66 -3.90	32.33 1.67 -3.29	27.36 1.65 -0.28	22.53 1.41 0.00
HEMPSTEAD____ 23647	22.74 0.39 -17.26	21.10 0.45 -14.99	20.00 0.40 -13.57	19.16 0.38 -13.69	18.97 0.37 -13.51	19.08 0.50 -12.16	19.95 0.71 -7.59	22.81 0.49 -15.28	24.43 0.40 -18.42	26.35 0.77 -13.96	27.26 0.91 -12.54	27.74 0.88 -13.25	28.71 0.78 -14.39	28.68 0.82 -14.69	28.95 0.70 -16.77	30.05 0.52 -21.23	32.47 0.64 -20.24	38.79 0.99 -19.79	51.54 1.36 -26.69	45.03 1.52 -17.21	34.70 1.74 -3.90	32.41 1.75 -3.29	27.79 2.09 -0.28	22.80 1.69 0.00
HEWLETT__69_KV_BK3 55828	22.79 0.43 -17.26	21.15 0.50 -14.99	20.05 0.45 -13.57	19.21 0.42 -13.69	19.02 0.41 -13.51	19.14 0.56 -12.16	20.03 0.79 -7.59	22.87 0.55 -15.28	24.47 0.44 -18.42	26.43 0.85 -13.96	27.34 0.99 -12.54	27.82 0.97 -13.25	28.78 0.85 -14.39	28.76 0.90 -14.69	29.01 0.76 -16.77	30.10 0.57 -21.23	32.54 0.71 -20.24	38.92 1.12 -19.79	51.73 1.55 -26.69	45.24 1.74 -17.21	34.90 1.95 -3.90	32.63 1.97 -3.29	28.02 2.31 -0.28	23.01 1.90 0.00
HICKLING__1 23621	11.85 0.22 -6.53	11.58 0.25 -5.67	11.41 0.25 -5.13	10.50 0.22 -5.18	10.40 0.20 -5.11	11.32 0.30 -4.60	15.05 0.54 -2.87	13.15 0.32 -5.78	12.81 0.23 -6.97	17.31 0.44 -5.25	18.93 0.48 -4.64	18.97 0.48 -4.89	19.30 0.47 -5.29	19.04 0.46 -5.40	18.07 0.40 -6.19	16.39 0.26 -7.84	19.40 0.39 -7.42	25.71 0.56 -7.14	33.75 0.73 -9.54	33.16 0.82 -6.05	31.04 0.76 -1.23	29.09 0.68 -1.04	26.42 0.99 0.00	22.17 1.06 0.00
HICKLING__2 23622	11.85 0.22 -6.53	11.58 0.25 -5.67	11.41 0.25 -5.13	10.50 0.22 -5.18	10.40 0.20 -5.11	11.32 0.30 -4.60	15.05 0.54 -2.87	13.15 0.32 -5.78	12.81 0.23 -6.97	17.31 0.44 -5.25	18.93 0.48 -4.64	18.97 0.48 -4.89	19.30 0.47 -5.29	19.04 0.46 -5.40	18.07 0.40 -6.19	16.39 0.26 -7.84	19.40 0.39 -7.42	25.71 0.56 -7.14	33.75 0.73 -9.54	33.16 0.82 -6.05	31.04 0.76 -1.23	29.09 0.68 -1.04	26.42 0.99 0.00	22.17 1.06 0.00
HIGH FALLS__HY 23754	22.21 0.32 -16.79	20.59 0.35 -14.59	19.58 0.34 -13.21	18.72 0.30 -13.32	18.52 0.28 -13.15	18.62 0.37 -11.84	19.65 0.62 -7.38	22.29 0.38 -14.87	23.85 0.31 -17.93	25.80 0.64 -13.53	26.58 0.73 -12.04	27.02 0.71 -12.71	28.01 0.70 -13.77	27.91 0.67 -14.06	28.18 0.61 -16.08	29.11 0.45 -20.37	31.54 0.61 -19.34	37.81 1.06 -18.74	50.07 1.46 -25.13	43.98 1.63 -16.05	34.22 1.74 -3.42	31.95 1.70 -2.88	27.17 1.63 -0.11	22.38 1.27 0.00
HILLBURN__GT 23639	21.25 0.32 -15.84	19.76 0.35 -13.76	18.82 0.34 -12.46	17.96 0.30 -12.56	17.78 0.28 -12.40	17.96 0.38 -11.16	19.28 0.66 -6.96	21.48 0.42 -14.02	22.85 0.33 -16.90	25.11 0.69 -12.80	26.08 0.80 -11.48	26.50 0.77 -12.12	27.46 0.77 -13.16	27.36 0.75 -13.43	27.48 0.65 -15.34	28.18 0.46 -19.43	30.73 0.64 -18.50	37.13 1.06 -18.06	49.22 1.41 -24.32	43.53 1.58 -15.65	34.24 1.68 -3.50	31.97 1.64 -2.95	27.23 1.58 -0.22	22.34 1.22 0.00
HILLSIDE_115KV_TB1 80332	11.94 0.16 -6.68	11.64 0.18 -5.80	11.46 0.18 -5.25	10.56 0.16 -5.30	10.46 0.14 -5.23	11.35 0.22 -4.71	14.98 0.40 -2.94	13.18 0.23 -5.92	12.90 0.16 -7.13	17.28 0.29 -5.37	18.87 0.32 -4.74	18.91 0.30 -5.01	19.26 0.31 -5.41	19.01 0.30 -5.53	18.07 0.25 -6.33	16.47 0.16 -8.02	19.42 0.24 -7.59	25.64 0.32 -7.31	33.67 0.42 -9.76	32.94 0.45 -6.19	30.69 0.38 -1.26	28.79 0.36 -1.06	26.14 0.71 0.00	21.92 0.80 0.00
HISHELDN_WT_PWR 323625	10.46 0.08 -5.28	10.38 0.14 -4.59	10.30 0.12 -4.16	9.41 0.12 -4.19	9.31 0.09 -4.14	10.30 0.16 -3.72	14.24 0.27 -2.32	11.83 0.11 -4.68	11.29 0.03 -5.64	15.85 -0.02 -4.25	17.45 -0.11 -3.75	17.47 -0.09 -3.96	17.73 -0.08 -4.28	17.48 -0.07 -4.37	16.47 -0.02 -5.01	14.59 -0.05 -6.34	17.58 -0.01 -6.01	23.68 -0.11 -5.78	30.90 -0.31 -7.72	30.85 -0.34 -4.89	29.49 -0.55 -0.99	27.69 -0.52 -0.84	25.45 0.03 0.00	21.66 0.55 0.00
HOLTSVILLE_IC_1 23690	22.87 0.51 -17.26	21.24 0.59 -14.99	20.13 0.54 -13.57	19.28 0.49 -13.69	19.09 0.49 -13.51	19.25 0.67 -12.16	20.17 0.93 -7.59	22.98 0.66 -15.28	24.56 0.52 -18.42	26.56 0.98 -13.96	27.52 1.17 -12.54	27.98 1.13 -13.25	28.91 0.99 -14.39	28.91 1.04 -14.70	29.14 0.88 -16.77	36.59 0.67 -27.62	39.13 0.79 -26.76	73.01 1.21 -53.79	90.14 1.64 -65.01	45.43 1.84 -17.29	40.47 2.12 -9.29	40.44 2.16 -10.91	36.59 2.69 -8.46	23.40 2.28 -0.01
HOLTSVILLE_IC_10 23699	22.90 0.55 -17.26	21.28 0.63 -14.99	20.16 0.56 -13.57	19.30 0.52 -13.69	19.12 0.51 -13.51	19.28 0.70 -12.16	20.23 0.99 -7.59	23.02 0.70 -15.28	24.59 0.56 -18.42	26.62 1.03 -13.96	27.61 1.26 -12.54	28.06 1.21 -13.25	28.98 1.06 -14.39	28.99 1.12 -14.70	29.21 0.95 -16.77	36.18 0.72 -27.17	38.77 0.87 -26.31	70.75 1.31 -51.43	87.61 1.78 -62.34	45.59 2.00 -17.29	40.27 2.29 -8.93	40.08 2.33 -10.38	36.18 2.85 -7.90	23.55 2.43 -0.01

HOLTSVILLE_IC_2 23691	22.87 0.51 -17.26	21.24 0.59 -14.99	20.13 0.54 -13.57	19.28 0.49 -13.69	19.09 0.49 -13.51	19.25 0.67 -12.16	20.17 0.93 -7.59	22.98 0.66 -15.28	24.56 0.52 -18.42	26.56 0.98 -13.96	27.52 1.17 -12.54	27.98 1.13 -13.25	28.91 0.99 -14.39	28.91 1.04 -14.70	29.14 0.88 -16.77	36.59 0.67 -27.62	39.13 0.79 -26.76	73.01 1.21 -53.79	90.14 1.64 -65.01	45.43 1.84 -17.29	40.47 2.12 -9.29	40.44 2.16 -10.91	36.59 2.69 -8.46	23.40 2.28 -0.01
HOLTSVILLE_IC_3 23692	22.87 0.51 -17.26	21.24 0.59 -14.99	20.13 0.54 -13.57	19.28 0.49 -13.69	19.09 0.49 -13.51	19.25 0.67 -12.16	20.17 0.93 -7.59	22.98 0.66 -15.28	24.56 0.52 -18.42	26.56 0.98 -13.96	27.52 1.17 -12.54	27.98 1.13 -13.25	28.91 0.99 -14.39	28.91 1.04 -14.70	29.14 0.88 -16.77	36.59 0.67 -27.62	39.13 0.79 -26.76	73.01 1.21 -53.79	90.14 1.64 -65.01	45.43 1.84 -17.29	40.47 2.12 -9.29	40.44 2.16 -10.91	36.59 2.69 -8.46	23.40 2.28 -0.01
HOLTSVILLE_IC_4 23693	22.87 0.51 -17.26	21.24 0.59 -14.99	20.13 0.54 -13.57	19.28 0.49 -13.69	19.09 0.49 -13.51	19.25 0.67 -12.16	20.17 0.93 -7.59	22.98 0.66 -15.28	24.56 0.52 -18.42	26.56 0.98 -13.96	27.52 1.17 -12.54	27.98 1.13 -13.25	28.91 0.99 -14.39	28.91 1.04 -14.70	29.14 0.88 -16.77	36.59 0.67 -27.62	39.13 0.79 -26.76	73.01 1.21 -53.79	90.14 1.64 -65.01	45.43 1.84 -17.29	40.47 2.12 -9.29	40.44 2.16 -10.91	36.59 2.69 -8.46	23.40 2.28 -0.01
HOLTSVILLE_IC_5 23694	22.87 0.51 -17.26	21.24 0.59 -14.99	20.13 0.54 -13.57	19.28 0.49 -13.69	19.09 0.49 -13.51	19.25 0.67 -12.16	20.17 0.93 -7.59	22.98 0.66 -15.28	24.56 0.52 -18.42	26.56 0.98 -13.96	27.52 1.17 -12.54	27.98 1.13 -13.25	28.91 0.99 -14.39	28.91 1.04 -14.70	29.14 0.88 -16.77	36.59 0.67 -27.62	39.13 0.79 -26.76	73.01 1.21 -53.79	90.14 1.64 -65.01	45.43 1.84 -17.29	40.47 2.12 -9.29	40.44 2.16 -10.91	36.59 2.69 -8.46	23.40 2.28 -0.01
HOLTSVILLE_IC_6 23695	22.90 0.55 -17.26	21.28 0.63 -14.99	20.16 0.56 -13.57	19.30 0.52 -13.69	19.12 0.51 -13.51	19.28 0.70 -12.16	20.23 0.99 -7.59	23.02 0.70 -15.28	24.59 0.56 -18.42	26.62 1.03 -13.96	27.61 1.26 -12.54	28.06 1.21 -13.25	28.98 1.06 -14.39	28.99 1.12 -14.70	29.21 0.95 -16.77	36.18 0.72 -27.17	38.77 0.87 -26.31	70.75 1.31 -51.43	87.61 1.78 -62.34	45.59 2.00 -17.29	40.27 2.29 -8.93	40.08 2.33 -10.38	36.18 2.85 -7.90	23.55 2.43 -0.01
HOLTSVILLE_IC_7 23696	22.90 0.55 -17.26	21.28 0.63 -14.99	20.16 0.56 -13.57	19.30 0.52 -13.69	19.12 0.51 -13.51	19.28 0.70 -12.16	20.23 0.99 -7.59	23.02 0.70 -15.28	24.59 0.56 -18.42	26.62 1.03 -13.96	27.61 1.26 -12.54	28.06 1.21 -13.25	28.98 1.06 -14.39	28.99 1.12 -14.70	29.21 0.95 -16.77	36.18 0.72 -27.17	38.77 0.87 -26.31	70.75 1.31 -51.43	87.61 1.78 -62.34	45.59 2.00 -17.29	40.27 2.29 -8.93	40.08 2.33 -10.38	36.18 2.85 -7.90	23.55 2.43 -0.01
HOLTSVILLE_IC_8 23697	22.90 0.55 -17.26	21.28 0.63 -14.99	20.16 0.56 -13.57	19.30 0.52 -13.69	19.12 0.51 -13.51	19.28 0.70 -12.16	20.23 0.99 -7.59	23.02 0.70 -15.28	24.59 0.56 -18.42	26.62 1.03 -13.96	27.61 1.26 -12.54	28.06 1.21 -13.25	28.98 1.06 -14.39	28.99 1.12 -14.70	29.21 0.95 -16.77	36.18 0.72 -27.17	38.77 0.87 -26.31	70.75 1.31 -51.43	87.61 1.78 -62.34	45.59 2.00 -17.29	40.27 2.29 -8.93	40.08 2.33 -10.38	36.18 2.85 -7.90	23.55 2.43 -0.01
HOLTSVILLE_IC_9 23698	22.90 0.55 -17.26	21.28 0.63 -14.99	20.16 0.56 -13.57	19.30 0.52 -13.69	19.12 0.51 -13.51	19.28 0.70 -12.16	20.23 0.99 -7.59	23.02 0.70 -15.28	24.59 0.56 -18.42	26.62 1.03 -13.96	27.61 1.26 -12.54	28.06 1.21 -13.25	28.98 1.06 -14.39	28.99 1.12 -14.70	29.21 0.95 -16.77	36.18 0.72 -27.17	38.77 0.87 -26.31	70.75 1.31 -51.43	87.61 1.78 -62.34	45.59 2.00 -17.29	40.27 2.29 -8.93	40.08 2.33 -10.38	36.18 2.85 -7.90	23.55 2.43 -0.01
HOMER_HL_115KV_TB2 355744	10.51 0.05 -5.36	10.37 0.05 -4.66	10.28 0.04 -4.22	9.40 0.05 -4.25	9.30 0.01 -4.20	10.26 0.06 -3.78	14.12 0.12 -2.36	11.82 0.03 -4.75	11.31 -0.03 -5.72	15.78 -0.15 -4.31	17.37 -0.25 -3.81	17.37 -0.24 -4.02	17.65 -0.23 -4.34	17.40 -0.21 -4.44	16.39 -0.17 -5.08	14.55 -0.18 -6.44	17.47 -0.21 -6.10	23.55 -0.32 -5.87	30.75 -0.56 -7.83	30.58 -0.68 -4.97	29.16 -0.90 -1.01	27.37 -0.85 -0.85	26.06 0.64 0.00	22.19 1.08 0.00
HOWARD_WT_PWR 323690	11.02 0.14 -5.78	10.88 0.20 -5.02	10.77 0.20 -4.55	9.86 0.18 -4.58	9.77 0.15 -4.53	10.74 0.24 -4.07	14.62 0.43 -2.54	12.41 0.25 -5.12	11.95 0.16 -6.17	16.53 0.26 -4.65	18.15 0.23 -4.10	18.16 0.23 -4.33	18.45 0.23 -4.68	18.18 0.22 -4.78	17.16 0.20 -5.48	15.34 0.11 -6.94	18.36 0.20 -6.57	24.64 0.31 -6.32	32.26 0.33 -8.45	32.05 0.40 -5.36	30.40 0.26 -1.09	28.59 0.30 -0.92	26.14 0.71 0.00	22.06 0.95 0.00
HQ_GEN_CEDARS 23644	5.25 -0.14 -0.29	5.82 -0.15 -0.31	6.23 -0.13 -0.33	5.26 -0.13 -0.29	5.26 -0.12 -0.29	6.59 -0.19 -0.35	6.66 -0.31 4.67	3.45 -0.20 3.40	3.33 -0.16 2.12	4.44 -0.31 6.87	11.20 -0.36 2.25	5.54 -0.38 7.68	5.32 -0.42 7.80	5.99 -0.41 6.78	7.73 -0.36 3.39	8.05 -0.24 0.00	11.02 -0.38 0.19	11.22 -0.59 6.20	22.78 -0.70 0.00	25.51 -0.79 0.00	28.33 -0.73 0.00	26.77 -0.60 0.00	24.97 -0.46 0.00	20.69 -0.42 0.00
HQ_GEN_CEDARS_PROXY 323590	5.26 -0.13 -0.29	5.82 -0.15 -0.31	6.23 -0.13 -0.33	5.26 -0.13 -0.29	5.26 -0.12 -0.29	6.59 -0.19 -0.35	6.66 -0.31 4.67	3.45 -0.20 3.40	3.33 -0.16 2.12	4.44 -0.31 6.87	11.20 -0.36 2.25	5.54 -0.38 7.68	5.32 -0.42 7.80	5.99 -0.41 6.78	7.73 -0.36 3.39	8.05 -0.24 0.00	11.02 -0.38 0.19	11.22 -0.59 6.20	22.78 -0.70 0.00	25.51 -0.79 0.00	28.33 -0.73 0.00	26.77 -0.60 0.00	24.97 -0.46 0.00	20.69 -0.42 0.00
HQ_GEN_IMPORT 323601	5.00 -0.10 0.00	5.54 -0.11 0.00	5.91 -0.11 0.00	5.00 -0.10 0.00	5.00 -0.09 0.00	6.29 -0.14 0.00	10.31 -0.25 1.09	6.12 -0.15 0.78	5.00 -0.12 0.50	9.84 -0.24 1.54	13.03 -0.29 0.49	11.65 -0.29 1.67	11.55 -0.28 1.70	11.43 -0.28 1.47	10.50 -0.24 0.74	8.13 -0.17 0.00	11.30 -0.24 0.04	16.28 -0.38 1.35	23.02 -0.47 0.00	25.77 -0.53 0.00	28.53 -0.52 0.00	26.91 -0.47 0.00	24.99 -0.43 0.00	20.75 -0.36 0.00
HQ_GEN_WHEEL 23651	5.00 -0.10 0.00	5.54 -0.11 0.00	5.91 -0.11 0.00	5.00 -0.10 0.00	5.00 -0.09 0.00	6.29 -0.14 0.00	10.31 -0.25 1.09	6.12 -0.15 0.78	5.00 -0.12 0.50	9.84 -0.24 1.54	13.03 -0.29 0.49	11.65 -0.29 1.67	11.55 -0.28 1.70	11.43 -0.28 1.47	10.50 -0.24 0.74	8.13 -0.17 0.00	11.30 -0.24 0.04	16.28 -0.38 1.35	23.02 -0.47 0.00	25.77 -0.53 0.00	28.53 -0.52 0.00	26.91 -0.47 0.00	24.99 -0.43 0.00	20.75 -0.36 0.00
HUDSON_AVE_GT_3 23810	22.71 0.36 -17.25	21.04 0.40 -14.99	19.98 0.39 -13.57	19.12 0.33 -13.68	18.93 0.33 -13.51	19.02 0.44 -12.16	20.00 0.77 -7.59	22.81 0.49 -15.28	24.42 0.39 -18.42	26.38 0.80 -13.95	27.26 0.91 -12.54	27.75 0.90 -13.25	28.82 0.89 -14.39	28.73 0.87 -14.69	29.02 0.77 -16.76	30.07 0.55 -21.23	32.57 0.74 -20.24	39.01 1.21 -19.79	51.73 1.55 -26.69	45.24 1.74 -17.20	34.81 1.86 -3.90	32.55 1.89 -3.29	27.56 1.86 -0.28	22.59 1.48 0.00

HUDSON AVE_GT_4 23540	22.71 0.36 -17.25	21.04 0.40 -14.99	19.98 0.39 -13.57	19.12 0.33 -13.68	18.93 0.33 -13.51	19.02 0.44 -12.16	20.00 0.77 -7.59	22.81 0.49 -15.28	24.42 0.39 -18.42	26.38 0.80 -13.95	27.26 0.91 -12.54	27.75 0.90 -13.25	28.82 0.89 -14.39	28.73 0.87 -14.69	29.02 0.77 -16.76	30.07 0.55 -21.23	32.57 0.74 -20.24	39.01 1.21 -19.79	51.73 1.55 -26.69	45.24 1.74 -17.20	34.81 1.86 -3.90	32.55 1.89 -3.29	27.56 1.86 -0.28	22.59 1.48 0.00
HUDSON AVE_GT_5 23657	22.71 0.36 -17.25	21.04 0.40 -14.99	19.98 0.39 -13.57	19.12 0.33 -13.68	18.93 0.33 -13.51	19.02 0.44 -12.16	20.00 0.77 -7.59	22.81 0.49 -15.28	24.42 0.39 -18.42	26.38 0.80 -13.95	27.26 0.91 -12.54	27.75 0.90 -13.25	28.82 0.89 -14.39	28.73 0.87 -14.69	29.02 0.77 -16.76	30.07 0.55 -21.23	32.57 0.74 -20.24	39.01 1.21 -19.79	51.73 1.55 -26.69	45.24 1.74 -17.20	34.81 1.86 -3.90	32.55 1.89 -3.29	27.56 1.86 -0.28	22.59 1.48 0.00
HUDSON_AVE_10 24168	22.69 0.34 -17.25	21.02 0.37 -14.99	19.94 0.36 -13.56	19.08 0.31 -13.68	18.89 0.30 -13.50	18.99 0.41 -12.16	19.97 0.73 -7.59	22.78 0.46 -15.28	24.40 0.37 -18.42	26.36 0.78 -13.95	27.22 0.87 -12.54	27.69 0.84 -13.25	28.76 0.84 -14.39	28.68 0.82 -14.69	28.97 0.72 -16.76	30.05 0.52 -21.23	32.53 0.71 -20.24	38.93 1.13 -19.79	51.66 1.48 -26.69	45.16 1.66 -17.20	34.73 1.77 -3.90	32.44 1.78 -3.29	27.49 1.78 -0.28	22.51 1.39 0.00
HUDSON___115KV_TB 4 355613	25.69 0.25 -20.34	23.60 0.27 -17.67	22.31 0.28 -16.00	21.47 0.24 -16.13	21.26 0.24 -15.93	21.06 0.30 -14.33	21.14 0.55 -8.94	25.38 0.32 -18.01	27.58 0.26 -21.71	28.43 0.52 -16.29	28.66 0.61 -14.25	29.24 0.61 -15.03	30.35 0.62 -16.19	30.33 0.61 -16.55	31.03 0.54 -19.00	32.75 0.40 -24.06	34.88 0.59 -22.70	40.66 1.03 -21.63	53.61 1.41 -28.71	46.03 1.71 -18.02	34.23 1.80 -3.38	31.81 1.59 -2.85	26.64 1.40 0.19	22.19 1.08 0.00
HUNTER MOUNT___DRP 323613	25.12 0.24 -19.77	23.09 0.26 -17.18	21.86 0.28 -15.55	21.02 0.23 -15.68	20.80 0.23 -15.48	20.64 0.28 -13.94	20.87 0.52 -8.69	24.85 0.30 -17.51	26.97 0.25 -21.11	27.96 0.49 -15.85	28.29 0.57 -13.91	28.85 0.57 -14.67	29.95 0.58 -15.83	29.92 0.57 -16.18	30.55 0.51 -18.56	32.19 0.39 -23.50	34.36 0.58 -22.20	40.29 1.06 -21.22	53.17 1.46 -28.23	45.97 1.89 -17.78	34.45 1.98 -3.42	31.98 1.72 -2.89	26.80 1.50 0.13	22.21 1.10 0.00
HUNTINGTON_RES_REC 323705	22.82 0.46 -17.26	21.19 0.54 -14.99	20.07 0.48 -13.57	19.23 0.44 -13.69	19.04 0.44 -13.51	19.18 0.60 -12.16	20.06 0.83 -7.59	22.91 0.58 -15.28	24.51 0.47 -18.42	26.46 0.88 -13.96	27.41 1.06 -12.54	27.89 1.03 -13.25	28.82 0.89 -14.39	28.82 0.95 -14.69	29.06 0.80 -16.77	29.16 0.61 -20.26	31.48 0.72 -19.17	33.49 1.10 -14.38	45.56 1.48 -20.60	45.08 1.63 -17.15	33.95 1.89 -3.01	31.41 2.00 -2.04	26.92 2.54 1.05	23.17 2.07 0.01
HUNTLEY___63 23557	10.14 0.14 -4.90	10.06 0.15 -4.25	10.02 0.14 -3.85	9.12 0.14 -3.88	9.03 0.10 -3.83	10.06 0.19 -3.45	14.12 0.31 -2.15	11.50 0.12 -4.34	10.88 0.03 -5.23	15.53 -0.03 -3.94	17.16 -0.12 -3.48	17.15 -0.12 -3.67	17.42 -0.08 -3.97	17.16 -0.07 -4.05	16.12 -0.01 -4.64	14.13 -0.04 -5.88	17.18 0.02 -5.57	23.26 -0.11 -5.36	30.26 -0.38 -7.15	30.34 -0.50 -4.54	29.25 -0.73 -0.92	27.46 -0.68 -0.78	25.20 -0.23 0.00	21.51 0.40 0.00
HUNTLEY___64 23558	10.14 0.14 -4.90	10.06 0.15 -4.25	10.02 0.14 -3.85	9.12 0.14 -3.88	9.03 0.10 -3.83	10.06 0.19 -3.45	14.12 0.31 -2.15	11.50 0.12 -4.34	10.88 0.03 -5.23	15.53 -0.03 -3.94	17.16 -0.12 -3.48	17.15 -0.12 -3.67	17.42 -0.08 -3.97	17.16 -0.07 -4.05	16.12 -0.01 -4.64	14.13 -0.04 -5.88	17.18 0.02 -5.57	23.26 -0.11 -5.36	30.26 -0.38 -7.15	30.34 -0.50 -4.54	29.25 -0.73 -0.92	27.46 -0.68 -0.78	25.20 -0.23 0.00	21.51 0.40 0.00
HUNTLEY___65 23559	10.14 0.14 -4.90	10.06 0.15 -4.25	10.02 0.14 -3.85	9.12 0.14 -3.88	9.03 0.10 -3.83	10.06 0.19 -3.45	14.12 0.31 -2.15	11.50 0.12 -4.34	10.88 0.03 -5.23	15.53 -0.03 -3.94	17.16 -0.12 -3.48	17.15 -0.12 -3.67	17.42 -0.08 -3.97	17.16 -0.07 -4.05	16.12 -0.01 -4.64	14.13 -0.04 -5.88	17.18 0.02 -5.57	23.26 -0.11 -5.36	30.26 -0.38 -7.15	30.34 -0.50 -4.54	29.25 -0.73 -0.92	27.46 -0.68 -0.78	25.20 -0.23 0.00	21.51 0.40 0.00
HUNTLEY___66 23560	10.14 0.14 -4.90	10.06 0.15 -4.25	10.02 0.14 -3.85	9.12 0.14 -3.88	9.03 0.10 -3.83	10.06 0.19 -3.45	14.12 0.31 -2.15	11.50 0.12 -4.34	10.88 0.03 -5.23	15.53 -0.03 -3.94	17.16 -0.12 -3.48	17.15 -0.12 -3.67	17.42 -0.08 -3.97	17.16 -0.07 -4.05	16.12 -0.01 -4.64	14.13 -0.04 -5.88	17.18 0.02 -5.57	23.26 -0.11 -5.36	30.26 -0.38 -7.15	30.34 -0.50 -4.54	29.25 -0.73 -0.92	27.46 -0.68 -0.78	25.20 -0.23 0.00	21.51 0.40 0.00
HUNTLEY___67 23561	10.19 0.12 -4.96	10.10 0.12 -4.31	10.04 0.11 -3.91	9.15 0.11 -3.94	9.06 0.08 -3.89	10.08 0.16 -3.50	14.10 0.27 -2.18	11.53 0.09 -4.40	10.93 0.02 -5.30	15.55 -0.07 -3.99	17.17 -0.17 -3.53	17.16 -0.16 -3.72	17.42 -0.14 -4.02	17.17 -0.12 -4.11	16.13 -0.06 -4.71	14.18 -0.07 -5.96	17.20 -0.03 -5.64	23.26 -0.18 -5.43	30.27 -0.47 -7.25	30.32 -0.58 -4.60	29.14 -0.84 -0.93	27.36 -0.79 -0.79	25.15 -0.28 0.00	21.45 0.34 0.00
HUNTLEY___68 23562	10.19 0.12 -4.96	10.10 0.12 -4.31	10.04 0.11 -3.91	9.15 0.11 -3.94	9.06 0.08 -3.89	10.08 0.16 -3.50	14.10 0.27 -2.18	11.53 0.09 -4.40	10.93 0.02 -5.30	15.55 -0.07 -3.99	17.17 -0.17 -3.53	17.16 -0.16 -3.72	17.42 -0.14 -4.02	17.17 -0.12 -4.11	16.13 -0.06 -4.71	14.18 -0.07 -5.96	17.20 -0.03 -5.64	23.26 -0.18 -5.43	30.27 -0.47 -7.25	30.32 -0.58 -4.60	29.14 -0.84 -0.93	27.36 -0.79 -0.79	25.15 -0.28 0.00	21.45 0.34 0.00
HYLAND___LFGE 323620	10.53 0.29 -5.14	10.47 0.35 -4.47	10.41 0.34 -4.04	9.49 0.31 -4.08	9.41 0.29 -4.03	10.48 0.44 -3.62	14.70 0.79 -2.26	12.10 0.50 -4.55	11.47 0.36 -5.49	16.36 0.60 -4.13	18.05 0.59 -3.65	18.01 0.56 -3.85	18.24 0.54 -4.16	18.00 0.57 -4.25	16.86 0.50 -4.87	14.83 0.36 -6.17	18.06 0.63 -5.85	24.73 1.10 -5.62	32.50 1.50 -7.51	32.83 1.76 -4.76	31.68 1.66 -0.97	29.55 1.37 -0.82	26.77 1.35 0.00	22.42 1.31 0.00
INDECK___CORINTH 23802	26.80 0.30 -21.40	24.58 0.33 -18.59	23.26 0.40 -16.84	22.41 0.33 -16.98	22.18 0.33 -16.76	21.92 0.42 -15.08	21.85 0.79 -9.41	26.48 0.49 -18.95	28.86 0.40 -22.85	29.59 0.84 -17.12	29.75 0.99 -14.94	30.35 0.99 -15.76	31.47 0.96 -16.97	31.47 0.95 -17.35	32.12 0.71 -19.93	34.00 0.47 -25.23	36.06 0.70 -23.78	41.78 1.17 -22.60	55.00 1.55 -29.96	46.85 1.79 -18.76	34.33 1.83 -3.44	31.86 1.59 -2.91	26.48 1.30 0.25	22.15 1.03 0.00
INDECK___ILION 23567	5.52 0.00 -0.42	6.03 0.00 -0.37	6.36 0.00 -0.33	5.44 0.00 -0.34	5.42 0.00 -0.33	6.73 0.01 -0.30	12.16 0.02 -0.49	7.64 0.01 -0.59	6.22 0.01 -0.59	12.44 0.05 -0.77	14.31 0.07 -0.44	14.45 0.07 -0.78	14.42 0.07 -0.81	14.00 0.07 -0.76	12.15 0.06 -0.61	8.84 0.04 -0.51	12.14 0.06 -0.49	18.95 0.11 -0.84	24.25 0.14 -0.62	26.88 0.18 -0.39	29.34 0.20 -0.08	27.63 0.19 -0.07	25.58 0.15 0.00	21.24 0.13 0.00

INDECK___OLEAN 23982	10.47 0.01 -5.36	10.37 0.05 -4.66	10.28 0.04 -4.22	9.40 0.05 -4.25	9.30 0.01 -4.20	10.26 0.06 -3.78	14.12 0.12 -2.36	11.82 0.03 -4.75	11.31 -0.03 -5.72	15.78 -0.15 -4.31	17.37 -0.25 -3.81	17.38 -0.24 -4.02	17.65 -0.23 -4.34	17.40 -0.21 -4.44	16.40 -0.17 -5.08	14.55 -0.18 -6.44	17.47 -0.21 -6.10	23.55 -0.32 -5.87	30.75 -0.56 -7.83	30.61 -0.66 -4.97	29.16 -0.90 -1.01	27.37 -0.85 -0.85	26.06 0.64 0.00	22.19 1.08 0.00
INDECK___OSWEGO 23783	8.06 -0.05 -3.00	8.22 -0.05 -2.61	8.33 -0.05 -2.36	7.44 -0.04 -2.38	7.39 -0.05 -2.35	8.49 -0.04 -2.12	12.75 -0.07 -1.17	9.55 -0.04 -2.55	8.72 -0.03 -3.14	13.76 -0.07 -2.20	15.79 -0.08 -2.07	15.54 -0.08 -2.02	15.65 -0.08 -2.20	15.38 -0.08 -2.28	14.16 -0.07 -2.75	11.84 -0.06 -3.61	14.93 -0.07 -3.41	20.96 -0.14 -3.10	27.66 -0.21 -4.39	28.85 -0.24 -2.78	29.30 -0.32 -0.56	27.52 -0.33 -0.48	25.10 -0.33 0.00	20.86 -0.25 0.00
INDECK___YERKES 23781	10.10 0.10 -4.90	10.07 0.16 -4.25	10.02 0.14 -3.85	9.13 0.14 -3.88	9.03 0.11 -3.83	10.06 0.19 -3.45	14.13 0.33 -2.15	11.51 0.13 -4.34	10.88 0.04 -5.23	15.54 -0.02 -3.94	17.18 -0.11 -3.48	17.16 -0.11 -3.67	17.43 -0.07 -3.97	17.18 -0.05 -4.05	16.13 0.00 -4.64	14.14 -0.03 -5.88	17.18 0.02 -5.57	23.27 -0.09 -5.36	30.28 -0.35 -7.15	30.37 -0.47 -4.54	29.28 -0.70 -0.92	27.49 -0.66 -0.78	25.22 -0.20 0.00	21.54 0.42 0.00
INDIAN POINT_GT_1 24139	22.38 0.32 -16.96	20.74 0.35 -14.74	19.71 0.34 -13.34	18.85 0.30 -13.45	18.66 0.29 -13.28	18.76 0.39 -11.96	19.78 0.68 -7.46	22.49 0.42 -15.02	24.06 0.34 -18.11	26.04 0.70 -13.72	26.95 0.81 -12.32	27.41 0.79 -13.02	28.46 0.79 -14.14	28.36 0.75 -14.43	28.62 0.67 -16.47	29.64 0.48 -20.87	32.12 0.65 -19.89	38.53 1.08 -19.44	51.11 1.41 -26.21	44.77 1.58 -16.89	34.56 1.69 -3.82	32.26 1.67 -3.22	27.30 1.60 -0.27	22.38 1.27 0.00
INDIAN POINT_GT_2 23659	22.38 0.32 -16.96	20.74 0.35 -14.74	19.71 0.34 -13.34	18.85 0.30 -13.45	18.66 0.29 -13.28	18.76 0.39 -11.96	19.78 0.68 -7.46	22.49 0.42 -15.02	24.06 0.34 -18.11	26.04 0.70 -13.72	26.95 0.81 -12.32	27.41 0.79 -13.02	28.46 0.79 -14.14	28.36 0.75 -14.43	28.62 0.67 -16.47	29.64 0.48 -20.87	32.12 0.65 -19.89	38.53 1.08 -19.44	51.11 1.41 -26.21	44.77 1.58 -16.89	34.56 1.69 -3.82	32.26 1.67 -3.22	27.30 1.60 -0.27	22.38 1.27 0.00
INDIAN POINT_GT_3 24019	22.38 0.32 -16.96	20.74 0.35 -14.74	19.71 0.34 -13.34	18.85 0.30 -13.45	18.66 0.29 -13.28	18.76 0.39 -11.96	19.78 0.68 -7.46	22.49 0.42 -15.02	24.06 0.34 -18.11	26.04 0.70 -13.72	26.95 0.81 -12.32	27.41 0.79 -13.02	28.46 0.79 -14.14	28.36 0.75 -14.43	28.62 0.67 -16.47	29.64 0.48 -20.87	32.12 0.65 -19.89	38.53 1.08 -19.44	51.11 1.41 -26.21	44.77 1.58 -16.89	34.56 1.69 -3.82	32.26 1.67 -3.22	27.30 1.60 -0.27	22.38 1.27 0.00
INDIAN POINT___2 23530	21.83 0.31 -16.42	20.27 0.35 -14.27	19.29 0.34 -12.92	18.42 0.29 -13.02	18.24 0.28 -12.86	18.38 0.39 -11.57	19.53 0.66 -7.22	22.01 0.42 -14.54	23.48 0.33 -17.53	25.59 0.69 -13.28	26.53 0.80 -11.92	26.97 0.77 -12.59	27.98 0.77 -13.67	27.88 0.75 -13.95	28.07 0.65 -15.93	28.93 0.46 -20.18	31.45 0.64 -19.22	37.83 1.04 -18.78	50.18 1.39 -25.31	44.15 1.55 -16.30	34.38 1.66 -3.67	32.08 1.61 -3.09	27.25 1.58 -0.25	22.36 1.25 0.00
INDIAN POINT___3 23531	22.80 0.32 -17.37	21.10 0.35 -15.09	20.04 0.35 -13.67	19.18 0.30 -13.78	18.99 0.29 -13.61	19.06 0.39 -12.25	19.98 0.69 -7.64	22.86 0.43 -15.38	24.50 0.34 -18.55	26.38 0.70 -14.05	27.26 0.81 -12.63	27.75 0.80 -13.35	28.82 0.79 -14.50	28.74 0.76 -14.80	29.05 0.68 -16.89	30.17 0.49 -21.39	32.64 0.66 -20.39	39.03 1.08 -19.95	51.80 1.41 -26.90	45.22 1.58 -17.34	34.71 1.71 -3.94	32.36 1.67 -3.32	27.34 1.63 -0.29	22.40 1.29 0.00
INGHAM_C_115KV_TB7 356103	5.47 -0.06 -0.42	5.97 -0.06 -0.37	6.30 -0.06 -0.33	5.39 -0.05 -0.34	5.38 -0.05 -0.33	6.67 -0.05 -0.30	12.06 -0.08 -0.49	7.58 -0.05 -0.59	6.17 -0.03 -0.59	12.36 -0.03 -0.77	14.23 -0.01 -0.44	14.37 -0.01 -0.78	14.33 -0.01 -0.81	13.91 -0.03 -0.76	12.07 -0.02 -0.61	8.79 -0.02 -0.51	12.06 -0.02 -0.49	18.83 -0.02 -0.84	24.10 0.00 -0.62	26.72 0.03 -0.39	29.19 0.06 -0.08	27.52 0.08 -0.07	25.48 0.05 0.00	21.18 0.06 0.00
IP CORINTH___1 23988	26.80 0.30 -21.40	24.58 0.33 -18.59	23.26 0.40 -16.84	22.41 0.33 -16.98	22.18 0.33 -16.76	21.92 0.42 -15.08	21.85 0.79 -9.41	26.48 0.49 -18.95	28.86 0.40 -22.85	29.59 0.84 -17.12	29.75 0.99 -14.94	30.35 0.99 -15.76	31.47 0.96 -16.97	31.47 0.95 -17.35	32.12 0.71 -19.93	34.00 0.47 -25.23	36.06 0.70 -23.78	41.78 1.17 -22.60	55.00 1.55 -29.96	46.85 1.79 -18.76	34.33 1.83 -3.44	31.87 1.59 -2.91	26.48 1.30 0.25	22.15 1.03 0.00
IP___TICONDEROGA 23804	27.00 0.50 -21.39	24.79 0.55 -18.58	23.48 0.63 -16.83	22.59 0.52 -16.97	22.36 0.52 -16.75	22.15 0.65 -15.08	22.31 1.26 -9.41	26.76 0.77 -18.94	29.10 0.65 -22.84	30.10 1.36 -17.11	30.36 1.62 -14.93	30.94 1.59 -15.74	31.86 1.37 -16.95	31.84 1.33 -17.33	32.44 1.05 -19.91	34.25 0.75 -25.21	36.46 1.11 -23.76	42.42 1.84 -22.58	55.87 2.47 -29.92	48.21 3.18 -18.73	35.74 3.25 -3.43	33.09 2.82 -2.90	27.49 2.31 0.25	22.97 1.86 0.00
ISLIP_RES_REC 323679	22.92 0.57 -17.26	21.30 0.65 -14.99	20.18 0.58 -13.57	19.32 0.54 -13.69	19.14 0.53 -13.51	19.31 0.73 -12.16	20.27 1.04 -7.59	23.04 0.72 -15.28	24.61 0.57 -18.42	26.66 1.08 -13.96	27.65 1.30 -12.54	28.12 1.27 -13.25	29.04 1.11 -14.39	29.04 1.17 -14.69	29.25 1.00 -16.77	35.72 0.75 -26.67	38.32 0.93 -25.80	68.18 1.41 -48.77	84.76 1.93 -59.35	45.74 2.16 -17.28	40.03 2.47 -8.50	39.62 2.46 -9.79	35.66 2.97 -7.26	23.64 2.51 -0.01
JAMAICA__27_KV_LOAD 355505	22.68 0.33 -17.25	21.01 0.36 -14.99	19.93 0.34 -13.56	19.07 0.30 -13.68	18.88 0.29 -13.50	18.99 0.41 -12.16	19.98 0.75 -7.59	22.81 0.49 -15.28	24.43 0.39 -18.42	26.39 0.81 -13.95	27.20 0.86 -12.54	27.68 0.83 -13.25	28.76 0.84 -14.39	28.67 0.80 -14.69	28.96 0.71 -16.76	30.04 0.51 -21.23	32.52 0.70 -20.24	38.95 1.15 -19.79	51.68 1.50 -26.69	45.19 1.68 -17.20	34.73 1.77 -3.90	32.44 1.78 -3.29	27.56 1.86 -0.28	22.51 1.39 0.00
JANIS___SOLAR 323808	12.35 0.28 -6.97	12.05 0.34 -6.06	11.86 0.35 -5.48	10.93 0.30 -5.53	10.84 0.28 -5.46	11.73 0.40 -4.91	15.47 0.76 -3.07	13.69 0.47 -6.17	13.43 0.37 -7.44	18.02 0.79 -5.60	19.71 0.95 -4.95	19.72 0.90 -5.23	20.08 0.89 -5.65	19.80 0.86 -5.77	18.82 0.72 -6.61	17.20 0.53 -8.37	20.29 0.78 -7.93	26.90 1.26 -7.63	35.39 1.71 -10.19	34.71 1.95 -6.46	32.43 2.06 -1.31	30.34 1.86 -1.11	27.13 1.70 0.00	22.53 1.41 0.00
JARVIS____ 23743	5.54 0.02 -0.42	6.04 0.02 -0.37	6.38 0.02 -0.33	5.45 0.02 -0.34	5.44 0.02 -0.33	6.75 0.03 -0.30	12.18 0.05 -0.49	7.65 0.02 -0.59	6.22 0.02 -0.59	12.44 0.05 -0.77	14.31 0.07 -0.44	14.45 0.07 -0.78	14.42 0.07 -0.81	13.99 0.05 -0.76	12.14 0.05 -0.61	8.84 0.04 -0.51	12.14 0.06 -0.49	18.93 0.09 -0.84	24.22 0.12 -0.62	26.83 0.13 -0.39	29.28 0.15 -0.08	27.58 0.14 -0.07	25.53 0.10 0.00	21.20 0.08 0.00

JENNISON___1 23625	13.94 0.32 -8.52	13.43 0.37 -7.40	13.10 0.38 -6.70	12.18 0.33 -6.75	12.07 0.31 -6.67	12.84 0.42 -6.00	16.20 0.80 -3.74	15.06 0.47 -7.54	15.09 0.39 -9.09	19.33 0.86 -6.84	20.92 1.06 -6.05	21.00 1.02 -6.38	21.45 1.02 -6.90	21.17 0.95 -7.05	20.37 0.82 -8.07	19.10 0.58 -10.22	22.09 0.82 -9.68	28.64 1.31 -9.32	37.67 1.74 -12.44	36.19 2.00 -7.89	32.86 2.21 -1.60	30.72 2.00 -1.35	27.31 1.88 0.00	22.65 1.54 0.00
JENNISON___2 23626	13.94 0.32 -8.52	13.43 0.37 -7.40	13.10 0.38 -6.70	12.18 0.33 -6.75	12.07 0.31 -6.67	12.84 0.42 -6.00	16.20 0.80 -3.74	15.06 0.47 -7.54	15.09 0.39 -9.09	19.33 0.86 -6.84	20.92 1.06 -6.05	21.00 1.02 -6.38	21.45 1.02 -6.90	21.17 0.95 -7.05	20.37 0.82 -8.07	19.10 0.58 -10.22	22.09 0.82 -9.68	28.64 1.31 -9.32	37.67 1.74 -12.44	36.19 2.00 -7.89	32.86 2.21 -1.60	30.72 2.00 -1.35	27.31 1.88 0.00	22.65 1.54 0.00
JERICHO_RISE_WT_PWR 323719	-0.93 -0.35 5.68	-0.96 -0.40 6.22	-0.99 -0.40 6.62	-0.93 -0.36 5.67	-0.93 -0.35 5.68	-1.02 -0.46 6.97	-0.90 -0.82 11.73	-0.72 -0.49 7.27	-0.20 -0.39 5.43	-0.26 -0.80 11.08	10.57 -0.93 2.32	4.83 -0.88 7.89	4.67 -0.85 8.02	5.42 -0.79 6.97	7.32 -0.68 3.49	7.85 -0.44 0.00	10.78 -0.61 0.19	10.68 -0.95 6.37	22.43 -1.06 0.00	25.17 -1.13 0.00	28.10 -0.96 0.00	26.52 -0.85 0.00	24.74 -0.69 0.00	20.52 -0.59 0.00
KATONAH___115KV_46KV_TB4 355592	22.88 0.35 -17.44	21.18 0.37 -15.15	20.11 0.37 -13.72	19.25 0.32 -13.83	19.05 0.31 -13.65	19.11 0.40 -12.29	20.03 0.71 -7.67	22.94 0.46 -15.44	24.60 0.37 -18.61	26.49 0.77 -14.10	27.36 0.88 -12.66	27.84 0.86 -13.38	28.90 0.84 -14.53	28.82 0.82 -14.83	29.15 0.74 -16.93	30.26 0.53 -21.44	32.75 0.73 -20.43	39.21 1.22 -19.97	52.01 1.60 -26.93	45.46 1.81 -17.35	34.86 1.89 -3.92	32.54 1.86 -3.30	27.46 1.75 -0.27	22.49 1.37 0.00
KCE_NY_1 323755	26.76 0.29 -21.38	24.54 0.32 -18.57	23.19 0.35 -16.82	22.35 0.29 -16.95	22.12 0.29 -16.74	21.86 0.37 -15.07	21.75 0.70 -9.40	26.39 0.42 -18.93	28.77 0.34 -22.82	29.43 0.71 -17.10	29.56 0.84 -14.91	30.16 0.83 -15.72	31.29 0.83 -16.93	31.29 0.80 -17.31	32.04 0.67 -19.89	33.96 0.48 -25.18	36.01 0.70 -23.72	41.68 1.14 -22.54	54.86 1.50 -29.87	46.70 1.71 -18.69	34.27 1.80 -3.41	31.84 1.59 -2.88	26.54 1.37 0.26	22.23 1.12 0.00
KCE_NY_6_ESR 323823	10.26 0.10 -5.06	10.20 0.15 -4.39	10.15 0.14 -3.98	9.25 0.14 -4.01	9.15 0.10 -3.96	10.17 0.19 -3.56	14.19 0.31 -2.22	11.65 0.13 -4.48	11.06 0.04 -5.40	15.68 -0.01 -4.06	17.30 -0.10 -3.59	17.31 -0.08 -3.79	17.58 -0.05 -4.10	17.32 -0.04 -4.19	16.29 0.01 -4.79	14.33 -0.03 -6.07	17.36 0.02 -5.75	23.47 -0.07 -5.53	30.59 -0.28 -7.39	30.62 -0.37 -4.69	29.39 -0.61 -0.95	27.60 -0.58 -0.80	25.56 0.13 0.00	21.81 0.70 0.00
KEDC_PORT_JEFF_GT2 24210	22.89 0.53 -17.26	21.26 0.61 -14.99	20.15 0.55 -13.57	19.29 0.51 -13.69	19.10 0.50 -13.51	19.26 0.68 -12.16	20.19 0.96 -7.59	23.00 0.68 -15.28	24.57 0.54 -18.42	26.59 1.01 -13.96	27.57 1.22 -12.54	28.02 1.17 -13.25	28.95 1.03 -14.39	28.97 1.09 -14.70	29.17 0.92 -16.77	36.62 0.70 -27.63	39.19 0.81 -26.79	73.15 1.23 -53.92	90.23 1.60 -65.15	45.39 1.79 -17.30	40.44 2.06 -9.32	40.53 2.22 -10.95	36.70 2.77 -8.51	23.49 2.36 -0.01
KEDC_PORT_JEFF_GT3 24211	22.89 0.53 -17.26	21.26 0.61 -14.99	20.15 0.55 -13.57	19.29 0.51 -13.69	19.10 0.50 -13.51	19.26 0.68 -12.16	20.19 0.96 -7.59	23.00 0.68 -15.28	24.57 0.54 -18.42	26.59 1.01 -13.96	27.57 1.22 -12.54	28.02 1.17 -13.25	28.95 1.03 -14.39	28.97 1.09 -14.70	29.17 0.92 -16.77	36.62 0.70 -27.63	39.19 0.81 -26.79	73.15 1.23 -53.92	90.23 1.60 -65.15	45.39 1.79 -17.30	40.44 2.06 -9.32	40.53 2.22 -10.95	36.70 2.77 -8.51	23.49 2.36 -0.01
KEDC_GLWD_GT4 24219	22.74 0.39 -17.26	21.09 0.45 -14.99	20.01 0.42 -13.57	19.16 0.37 -13.69	18.97 0.37 -13.51	19.08 0.49 -12.16	20.00 0.77 -7.59	22.83 0.51 -15.28	24.44 0.40 -18.42	26.38 0.80 -13.96	27.32 0.97 -12.54	27.79 0.94 -13.25	28.81 0.88 -14.39	28.75 0.88 -14.69	29.02 0.77 -16.77	30.09 0.56 -21.23	32.56 0.73 -20.24	38.96 1.15 -19.79	51.73 1.55 -26.69	45.24 1.74 -17.21	34.87 1.92 -3.90	32.57 1.92 -3.29	27.77 2.06 -0.28	22.78 1.67 0.00
KEDC_GLWD_GT5 24220	22.74 0.39 -17.26	21.09 0.45 -14.99	20.01 0.42 -13.57	19.16 0.37 -13.69	18.97 0.37 -13.51	19.08 0.49 -12.16	20.00 0.77 -7.59	22.83 0.51 -15.28	24.44 0.40 -18.42	26.38 0.80 -13.96	27.32 0.97 -12.54	27.79 0.94 -13.25	28.81 0.88 -14.39	28.75 0.88 -14.69	29.02 0.77 -16.77	30.09 0.56 -21.23	32.56 0.73 -20.24	38.96 1.15 -19.79	51.73 1.55 -26.69	45.24 1.74 -17.21	34.87 1.92 -3.90	32.57 1.92 -3.29	27.77 2.06 -0.28	22.78 1.67 0.00
KENSICO____ 23655	22.66 0.33 -17.23	20.99 0.36 -14.97	19.93 0.36 -13.55	19.07 0.31 -13.66	18.88 0.30 -13.49	18.97 0.40 -12.14	19.94 0.71 -7.58	22.74 0.44 -15.26	24.36 0.35 -18.39	26.29 0.73 -13.93	27.17 0.84 -12.52	27.66 0.83 -13.23	28.72 0.81 -14.37	28.64 0.79 -14.67	28.93 0.70 -16.74	30.00 0.51 -21.20	32.48 0.68 -20.21	38.89 1.12 -19.77	51.60 1.46 -26.66	45.11 1.63 -17.18	34.72 1.77 -3.90	32.38 1.72 -3.28	27.39 1.68 -0.28	22.44 1.33 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	21.24 0.33 -15.81	19.75 0.36 -13.74	18.82 0.36 -12.44	17.95 0.31 -12.54	17.76 0.29 -12.38	17.94 0.38 -11.14	19.25 0.65 -6.95	21.45 0.40 -14.00	22.81 0.32 -16.88	25.04 0.66 -12.75	25.93 0.76 -11.36	26.34 0.73 -12.00	27.28 0.74 -13.00	27.16 0.71 -13.28	27.29 0.63 -15.18	27.99 0.47 -19.22	30.50 0.65 -18.27	36.85 1.12 -17.72	48.83 1.55 -23.79	43.25 1.74 -15.22	34.16 1.83 -3.28	31.89 1.75 -2.76	27.24 1.68 -0.13	22.42 1.31 0.00
KIAC_JFK_GT1 23816	22.67 0.32 -17.25	20.99 0.35 -14.99	19.92 0.33 -13.56	19.06 0.29 -13.68	18.87 0.28 -13.50	18.97 0.39 -12.16	19.96 0.72 -7.59	22.79 0.47 -15.28	24.41 0.38 -18.42	26.36 0.78 -13.95	27.16 0.81 -12.54	27.65 0.80 -13.25	28.72 0.80 -14.39	28.63 0.76 -14.69	28.93 0.68 -16.76	30.01 0.49 -21.23	32.50 0.67 -20.24	38.90 1.10 -19.79	51.61 1.43 -26.69	45.11 1.60 -17.20	34.64 1.69 -3.90	32.35 1.70 -3.29	27.49 1.78 -0.28	22.46 1.35 0.00
KIAC_JFK_GT2 23817	22.67 0.32 -17.25	20.99 0.35 -14.99	19.92 0.33 -13.56	19.06 0.29 -13.68	18.87 0.28 -13.50	18.97 0.39 -12.16	19.96 0.72 -7.59	22.79 0.47 -15.28	24.41 0.38 -18.42	26.36 0.78 -13.95	27.16 0.81 -12.54	27.65 0.80 -13.25	28.72 0.80 -14.39	28.63 0.76 -14.69	28.93 0.68 -16.76	30.01 0.49 -21.23	32.50 0.67 -20.24	38.90 1.10 -19.79	51.61 1.43 -26.69	45.11 1.60 -17.20	34.64 1.69 -3.90	32.35 1.70 -3.29	27.49 1.78 -0.28	22.46 1.35 0.00
KIAC_JFK____ 323774	22.67 0.32 -17.25	20.99 0.35 -14.99	19.92 0.33 -13.56	19.06 0.29 -13.68	18.87 0.28 -13.50	18.97 0.39 -12.16	19.96 0.72 -7.59	22.79 0.47 -15.28	24.41 0.38 -18.42	26.36 0.78 -13.95	27.16 0.81 -12.54	27.65 0.80 -13.25	28.72 0.80 -14.39	28.63 0.76 -14.69	28.93 0.68 -16.76	30.01 0.49 -21.23	32.50 0.67 -20.24	38.90 1.10 -19.79	51.61 1.43 -26.69	45.11 1.60 -17.20	34.64 1.68 -3.90	32.35 1.70 -3.29	27.49 1.78 -0.28	22.47 1.35 0.00

KINTIGH____ 23543	9.88 0.13 -4.65	9.84 0.14 -4.04	9.81 0.13 -3.66	8.91 0.12 -3.69	8.83 0.10 -3.64	9.88 0.18 -3.28	14.00 0.30 -2.04	11.28 0.13 -4.11	10.63 0.06 -4.96	15.40 0.03 -3.73	17.05 -0.06 -3.30	17.04 -0.04 -3.48	17.27 -0.03 -3.76	17.01 -0.01 -3.85	15.92 0.03 -4.41	13.87 0.00 -5.58	16.92 0.05 -5.28	23.04 -0.05 -5.08	30.02 -0.26 -6.79	30.26 -0.34 -4.31	29.35 -0.58 -0.87	27.53 -0.57 -0.74	24.94 -0.48 0.00	21.18 0.06 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	-0.56 -0.27 5.39	-0.54 -0.30 5.90	-0.54 -0.28 6.28	-0.56 -0.28 5.38	-0.55 -0.25 5.38	-0.54 -0.35 6.62	-0.42 -0.61 11.47	-0.46 -0.36 7.14	0.01 -0.30 5.31	0.01 -0.63 10.99	10.71 -0.75 2.35	4.88 -0.72 8.00	4.73 -0.68 8.13	5.50 -0.61 7.07	7.43 -0.52 3.54	7.98 -0.32 0.00	10.94 -0.45 0.19	10.84 -0.70 6.46	22.78 -0.70 0.00	25.54 -0.76 0.00	28.50 -0.55 0.00	26.88 -0.49 0.00	25.10 -0.33 0.00	20.78 -0.34 0.00
LACHUTE__HYDRO 323717	27.00 0.50 -21.39	24.79 0.55 -18.58	23.48 0.63 -16.83	22.59 0.52 -16.97	22.36 0.52 -16.75	22.15 0.66 -15.08	22.31 1.26 -9.41	26.76 0.77 -18.94	29.10 0.65 -22.84	30.10 1.36 -17.11	30.35 1.61 -14.93	30.94 1.59 -15.74	31.86 1.37 -16.95	31.84 1.33 -17.33	32.44 1.04 -19.91	34.25 0.75 -25.21	36.46 1.11 -23.76	42.42 1.84 -22.58	55.87 2.47 -29.92	48.21 3.18 -18.73	35.74 3.25 -3.43	33.09 2.82 -2.90	27.49 2.31 0.25	22.97 1.86 0.00
LAWRNCV_115KV_TB1 80681	6.12 -0.17 -1.19	6.67 -0.18 -1.19	7.06 -0.16 -1.20	6.03 -0.16 -1.09	6.02 -0.15 -1.08	7.40 -0.22 -1.21	7.90 -0.37 3.37	4.51 -0.25 2.28	4.32 -0.19 1.11	5.89 -0.37 5.36	11.75 -0.41 1.65	6.74 -0.46 6.40	6.47 -0.58 6.48	7.04 -0.57 5.57	8.44 -0.51 2.54	8.53 -0.33 -0.57	11.43 -0.53 -0.38	12.26 -0.81 4.94	23.22 -0.96 -0.69	25.66 -1.08 -0.44	28.18 -0.96 -0.09	26.76 -0.68 -0.08	24.94 -0.48 0.00	20.65 -0.46 0.00
LEDERLE____ 23769	21.29 0.33 -15.86	19.79 0.36 -13.78	18.86 0.36 -12.48	17.99 0.31 -12.58	17.81 0.30 -12.42	17.99 0.39 -11.18	19.31 0.69 -6.97	21.52 0.43 -14.05	22.89 0.34 -16.93	25.15 0.71 -12.82	26.13 0.83 -11.50	26.55 0.80 -12.15	27.52 0.80 -13.18	27.41 0.78 -13.46	27.53 0.68 -15.37	28.24 0.48 -19.46	30.79 0.66 -18.54	37.20 1.10 -18.10	49.34 1.48 -24.38	43.61 1.63 -15.68	34.31 1.74 -3.51	32.03 1.70 -2.96	27.28 1.63 -0.23	22.40 1.29 0.00
LIGHTHSE_115KV_TB6 355974	7.98 0.02 -2.86	8.17 0.02 -2.49	8.29 0.01 -2.25	7.38 0.01 -2.27	7.34 0.01 -2.24	8.46 0.03 -2.02	12.59 0.07 -0.87	9.31 0.01 -2.26	8.51 0.02 -2.88	13.42 0.05 -1.75	15.75 0.08 -1.86	15.21 0.07 -1.54	15.30 0.05 -1.71	15.07 0.05 -1.84	13.97 0.03 -2.45	11.76 0.02 -3.44	14.89 0.06 -3.24	20.74 0.09 -2.65	27.81 0.14 -4.18	29.11 0.16 -2.65	29.74 0.15 -0.54	27.93 0.11 -0.45	25.50 0.08 0.00	21.16 0.04 0.00
LINDEN COGEN____ 23786	22.68 0.33 -17.25	21.01 0.37 -14.99	19.95 0.36 -13.57	19.09 0.31 -13.68	18.90 0.30 -13.51	18.99 0.40 -12.16	19.95 0.71 -7.59	22.77 0.45 -15.28	24.39 0.36 -18.42	26.32 0.74 -13.95	27.19 0.84 -12.54	27.68 0.83 -13.25	28.76 0.84 -14.39	28.67 0.80 -14.69	28.96 0.71 -16.76	30.03 0.51 -21.23	32.51 0.68 -20.24	38.88 1.08 -19.79	51.56 1.39 -26.69	45.06 1.55 -17.20	34.64 1.68 -3.90	32.38 1.73 -3.29	27.41 1.70 -0.28	22.47 1.35 0.00
LINDHRST_69_KV_BK1 356055	22.84 0.49 -17.26	21.21 0.57 -14.99	20.10 0.51 -13.57	19.26 0.47 -13.69	19.07 0.46 -13.51	19.21 0.63 -12.16	20.12 0.89 -7.59	22.94 0.62 -15.28	24.53 0.49 -18.42	26.52 0.94 -13.96	27.47 1.12 -12.54	27.94 1.09 -13.25	28.87 0.95 -14.39	28.87 1.00 -14.69	29.10 0.85 -16.77	30.73 0.65 -21.79	33.18 0.78 -20.81	41.99 1.21 -22.78	55.21 1.67 -30.05	45.38 1.87 -17.21	35.58 2.15 -4.37	33.46 2.13 -3.95	29.02 2.59 -1.00	23.29 2.17 0.00
LIPA_MISC_IPP 23656	22.92 0.56 -17.26	21.29 0.64 -14.99	20.18 0.58 -13.57	19.32 0.53 -13.69	19.13 0.53 -13.51	19.30 0.72 -12.16	20.26 1.03 -7.59	23.04 0.72 -15.28	24.61 0.57 -18.42	26.66 1.08 -13.96	27.65 1.30 -12.54	28.10 1.25 -13.25	29.02 1.10 -14.39	29.03 1.16 -14.70	29.24 0.99 -16.77	36.60 0.75 -27.56	39.18 0.90 -26.69	72.84 1.39 -53.45	90.01 1.90 -64.62	45.72 2.13 -17.29	40.73 2.44 -9.24	40.64 2.44 -10.83	36.73 2.92 -8.38	23.61 2.49 -0.01
LISF__SOLAR 323691	22.93 0.57 -17.26	21.30 0.66 -14.99	20.19 0.59 -13.57	19.33 0.54 -13.69	19.14 0.54 -13.51	19.32 0.74 -12.16	20.28 1.05 -7.59	23.05 0.73 -15.28	24.62 0.58 -18.42	26.69 1.11 -13.96	27.68 1.33 -12.54	28.13 1.28 -13.25	29.05 1.12 -14.39	29.06 1.19 -14.70	29.27 1.01 -16.77	36.53 0.76 -27.47	39.14 0.94 -26.61	72.47 1.44 -53.02	89.60 1.97 -64.14	45.80 2.21 -17.29	40.75 2.53 -9.17	40.62 2.52 -10.74	36.71 3.00 -8.28	23.66 2.53 -0.01
LITTLE FALLS__HYD 24013	5.47 -0.06 -0.42	5.97 -0.06 -0.37	6.30 -0.06 -0.33	5.39 -0.05 -0.34	5.38 -0.05 -0.33	6.67 -0.05 -0.30	12.06 -0.08 -0.49	7.58 -0.05 -0.59	6.17 -0.03 -0.59	12.36 -0.03 -0.77	14.23 -0.01 -0.44	14.37 -0.01 -0.78	14.33 -0.01 -0.81	13.91 -0.03 -0.76	12.07 -0.02 -0.61	8.79 -0.02 -0.51	12.06 -0.02 -0.49	18.83 -0.02 -0.84	24.10 0.00 -0.62	26.72 0.03 -0.39	29.19 0.06 -0.08	27.52 0.08 -0.07	25.48 0.05 0.00	21.18 0.06 0.00
LITTLRIV_115KV_TB1 356100	6.25 -0.13 -1.29	6.81 -0.14 -1.29	7.21 -0.12 -1.31	6.15 -0.13 -1.18	6.15 -0.12 -1.18	7.56 -0.18 -1.32	8.18 -0.29 3.18	4.71 -0.20 2.14	4.47 -0.15 1.00	6.20 -0.28 5.15	11.94 -0.29 1.58	7.03 -0.34 6.23	6.77 -0.46 6.30	7.30 -0.46 5.42	8.63 -0.41 2.44	8.64 -0.27 -0.61	11.57 -0.43 -0.42	12.58 -0.65 4.78	23.50 -0.73 -0.74	25.98 -0.79 -0.47	28.51 -0.64 -0.10	27.07 -0.38 -0.08	25.17 -0.25 0.00	20.82 -0.30 0.00
LI_NEWBRDGE__DRP 323616	22.74 0.39 -17.26	21.11 0.46 -14.99	20.01 0.41 -13.57	19.17 0.38 -13.69	18.97 0.37 -13.51	19.09 0.51 -12.16	19.92 0.69 -7.59	22.81 0.49 -15.28	24.43 0.39 -18.42	26.32 0.74 -13.96	27.23 0.88 -12.54	27.71 0.86 -13.25	28.67 0.74 -14.39	28.64 0.78 -14.69	28.90 0.65 -16.77	30.03 0.50 -21.23	32.41 0.58 -20.24	38.70 0.90 -19.79	51.42 1.24 -26.69	44.90 1.39 -17.21	34.55 1.60 -3.90	32.30 1.64 -3.29	27.79 2.09 -0.28	22.82 1.71 0.00
LOCKPORT_115KV_TB60_63_64 80432	10.01 0.14 -4.77	9.96 0.15 -4.15	9.92 0.14 -3.75	9.02 0.14 -3.78	8.93 0.11 -3.74	9.98 0.19 -3.36	14.05 0.30 -2.10	11.36 0.09 -4.23	10.72 0.02 -5.09	15.39 -0.07 -3.83	17.02 -0.18 -3.39	17.01 -0.16 -3.58	17.25 -0.15 -3.86	17.01 -0.12 -3.95	15.96 -0.05 -4.52	13.95 -0.07 -5.73	16.99 -0.02 -5.42	23.05 -0.18 -5.22	29.99 -0.47 -6.97	30.14 -0.58 -4.42	29.11 -0.84 -0.90	27.31 -0.82 -0.76	25.02 -0.41 0.00	21.37 0.25 0.00
LOCKPORT__CC1 323769	9.99 0.10 -4.80	9.98 0.15 -4.17	9.94 0.14 -3.77	9.04 0.14 -3.80	8.95 0.10 -3.76	9.99 0.19 -3.38	14.06 0.30 -2.11	11.38 0.09 -4.25	10.75 0.02 -5.12	15.41 -0.07 -3.85	17.04 -0.18 -3.41	17.03 -0.16 -3.59	17.27 -0.15 -3.88	17.03 -0.12 -3.97	15.99 -0.05 -4.55	13.98 -0.07 -5.76	17.02 -0.02 -5.45	23.07 -0.18 -5.25	30.02 -0.47 -7.01	30.17 -0.58 -4.44	29.11 -0.84 -0.90	27.31 -0.82 -0.76	25.02 -0.41 0.00	21.39 0.27 0.00

LOCKPORT___CC2 323770	9.99 0.10 -4.80	9.98 0.15 -4.17	9.94 0.14 -3.77	9.04 0.14 -3.80	8.95 0.10 -3.76	9.99 0.19 -3.38	14.06 0.30 -2.11	11.38 0.09 -4.25	10.75 0.02 -5.12	15.41 -0.07 -3.85	17.04 -0.18 -3.41	17.03 -0.16 -3.59	17.27 -0.15 -3.88	17.03 -0.12 -3.97	15.99 -0.05 -4.55	13.98 -0.07 -5.76	17.02 -0.02 -5.45	23.07 -0.18 -5.25	30.02 -0.47 -7.01	30.17 -0.58 -4.44	29.11 -0.84 -0.90	27.31 -0.82 -0.76	25.02 -0.41 0.00	21.39 0.27 0.00
LOCKPORT___CC3 323771	9.99 0.10 -4.80	9.98 0.15 -4.17	9.94 0.14 -3.77	9.04 0.14 -3.80	8.95 0.10 -3.76	9.99 0.19 -3.38	14.06 0.30 -2.11	11.38 0.09 -4.25	10.75 0.02 -5.12	15.41 -0.07 -3.85	17.04 -0.18 -3.41	17.03 -0.16 -3.59	17.27 -0.15 -3.88	17.03 -0.12 -3.97	15.99 -0.05 -4.55	13.98 -0.07 -5.76	17.02 -0.02 -5.45	23.07 -0.18 -5.25	30.02 -0.47 -7.01	30.17 -0.58 -4.44	29.11 -0.84 -0.90	27.31 -0.82 -0.76	25.02 -0.41 0.00	21.39 0.27 0.00
LONG_LAKE_PHOENIX 24014	8.31 0.02 -3.19	8.45 0.02 -2.77	8.55 0.01 -2.51	7.64 0.01 -2.53	7.60 0.01 -2.50	8.70 0.03 -2.25	13.11 0.06 -1.40	9.91 0.04 -2.83	9.06 0.03 -3.41	14.26 0.07 -2.57	16.16 0.08 -2.27	16.08 0.08 -2.39	16.20 0.08 -2.59	15.91 0.09 -2.64	14.58 0.07 -3.03	12.17 0.04 -3.83	15.28 0.07 -3.63	21.57 0.07 -3.49	28.22 0.07 -4.66	29.34 0.08 -2.96	29.68 0.03 -0.60	27.88 0.00 -0.51	25.38 -0.05 0.00	21.07 -0.04 0.00
LOVETT___3 23632	21.27 0.31 -15.87	19.78 0.33 -13.79	18.84 0.33 -12.48	17.97 0.29 -12.59	17.79 0.27 -12.43	17.98 0.37 -11.18	19.27 0.64 -6.98	21.50 0.40 -14.05	22.88 0.32 -16.94	25.11 0.66 -12.82	26.08 0.77 -11.50	26.50 0.75 -12.15	27.47 0.74 -13.19	27.35 0.71 -13.47	27.49 0.63 -15.37	28.21 0.45 -19.47	30.74 0.60 -18.55	37.12 1.01 -18.10	49.21 1.34 -24.39	43.49 1.50 -15.69	34.17 1.60 -3.52	31.89 1.56 -2.96	27.15 1.50 -0.23	22.30 1.18 0.00
LOVETT___4 23642	21.27 0.31 -15.87	19.78 0.33 -13.79	18.84 0.33 -12.48	17.97 0.29 -12.59	17.79 0.27 -12.43	17.98 0.37 -11.18	19.27 0.64 -6.98	21.50 0.40 -14.05	22.88 0.32 -16.94	25.11 0.66 -12.82	26.08 0.77 -11.50	26.50 0.75 -12.15	27.47 0.74 -13.19	27.35 0.71 -13.47	27.49 0.63 -15.37	28.21 0.45 -19.47	30.74 0.60 -18.55	37.12 1.01 -18.10	49.21 1.34 -24.39	43.49 1.50 -15.69	34.17 1.60 -3.52	31.89 1.56 -2.96	27.15 1.50 -0.23	22.30 1.18 0.00
LOVETT___5 23593	21.27 0.31 -15.87	19.78 0.33 -13.79	18.84 0.33 -12.48	17.97 0.29 -12.59	17.79 0.27 -12.43	17.98 0.37 -11.18	19.27 0.64 -6.98	21.50 0.40 -14.05	22.88 0.32 -16.94	25.11 0.66 -12.82	26.08 0.77 -11.50	26.50 0.75 -12.15	27.47 0.74 -13.19	27.35 0.71 -13.47	27.49 0.63 -15.37	28.21 0.45 -19.47	30.74 0.60 -18.55	37.12 1.01 -18.10	49.21 1.34 -24.39	43.49 1.50 -15.69	34.17 1.60 -3.52	31.89 1.56 -2.96	27.15 1.50 -0.23	22.30 1.18 0.00
LOWER RAQUET___HYD 24057	6.31 -0.17 -1.38	6.86 -0.19 -1.39	7.26 -0.17 -1.41	6.20 -0.17 -1.27	6.19 -0.16 -1.26	7.60 -0.24 -1.42	8.25 -0.40 3.00	4.78 -0.26 2.01	4.53 -0.20 0.89	6.28 -0.40 4.95	11.86 -0.43 1.52	7.05 -0.49 6.07	6.76 -0.64 6.14	7.29 -0.62 5.27	8.58 -0.55 2.35	8.57 -0.36 -0.64	11.46 -0.58 -0.45	12.49 -0.88 4.63	23.21 -1.06 -0.78	25.61 -1.18 -0.50	28.11 -1.04 -0.10	26.74 -0.71 -0.08	24.92 -0.51 0.00	20.63 -0.48 0.00
LOWER___HUDSON 24059	26.48 0.22 -21.16	24.29 0.25 -18.38	22.93 0.26 -16.65	22.11 0.22 -16.78	21.88 0.22 -16.57	21.62 0.29 -14.91	21.49 0.54 -9.30	26.10 0.32 -18.74	28.46 0.25 -22.59	29.05 0.52 -16.90	29.12 0.62 -14.69	29.69 0.61 -15.48	30.79 0.61 -16.65	30.81 0.61 -17.03	31.58 0.52 -19.58	33.46 0.37 -24.79	35.44 0.53 -23.32	40.97 0.90 -22.06	53.83 1.17 -29.17	45.79 1.31 -18.17	33.65 1.39 -3.20	31.34 1.26 -2.71	26.21 1.12 0.33	22.02 0.91 0.00
LOWVILLE_115KV_TB2 356335	6.67 0.02 -1.55	7.09 0.03 -1.40	7.36 0.03 -1.31	6.40 0.02 -1.28	6.37 0.02 -1.26	7.67 0.03 -1.22	11.58 0.09 0.16	7.54 -0.08 -0.58	6.62 -0.05 -1.06	11.33 -0.07 0.23	14.34 0.07 -0.46	13.07 0.05 0.59	13.00 0.00 0.54	12.86 -0.01 0.30	12.00 -0.02 -0.54	9.93 0.07 -1.56	13.13 0.10 -1.44	18.40 0.23 -0.16	25.73 0.35 -1.90	27.95 0.45 -1.20	29.88 0.58 -0.24	28.10 0.52 -0.21	25.83 0.41 0.00	21.37 0.25 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	26.76 0.29 -21.38	24.54 0.32 -18.57	23.19 0.35 -16.82	22.35 0.29 -16.95	22.12 0.29 -16.74	21.85 0.37 -15.07	21.73 0.69 -9.40	26.39 0.42 -18.93	28.77 0.34 -22.82	29.42 0.70 -17.10	29.55 0.83 -14.91	30.16 0.83 -15.72	31.28 0.81 -16.93	31.29 0.80 -17.31	32.04 0.67 -19.89	33.95 0.47 -25.18	36.00 0.68 -23.72	41.68 1.13 -22.54	54.83 1.48 -29.87	46.67 1.68 -18.69	34.24 1.77 -3.41	31.84 1.59 -2.88	26.54 1.37 0.26	22.21 1.10 0.00
LUTHERNY_35_KV_BK2 355980	26.77 0.29 -21.38	24.54 0.32 -18.57	23.19 0.35 -16.82	22.35 0.29 -16.95	22.12 0.29 -16.74	21.86 0.37 -15.07	21.75 0.70 -9.40	26.39 0.42 -18.93	28.77 0.34 -22.82	29.43 0.71 -17.10	29.56 0.84 -14.91	30.16 0.83 -15.72	31.29 0.83 -16.93	31.29 0.80 -17.31	32.04 0.67 -19.89	33.96 0.48 -25.18	36.01 0.70 -23.72	41.68 1.13 -22.54	54.86 1.50 -29.87	46.70 1.71 -18.69	34.27 1.80 -3.41	31.84 1.59 -2.88	26.54 1.37 0.26	22.23 1.12 0.00
LWR___OSWEGATCHIE_HYD 23850	6.55 -0.11 -1.56	7.04 -0.11 -1.49	7.37 -0.10 -1.45	6.36 -0.10 -1.36	6.34 -0.10 -1.35	7.69 -0.13 -1.40	9.75 -0.21 1.69	6.09 -0.20 0.76	5.56 -0.15 -0.09	8.60 -0.27 2.76	13.02 -0.23 0.56	9.77 -0.29 3.54	9.60 -0.38 3.55	9.83 -0.38 2.96	10.19 -0.33 0.96	9.29 -0.19 -1.18	12.31 -0.29 -1.02	15.22 -0.41 2.38	24.48 -0.45 -1.44	26.74 -0.47 -0.91	28.86 -0.38 -0.19	27.31 -0.22 -0.16	25.25 -0.18 0.00	20.88 -0.23 0.00
LYONS_FALL_HYD 23570	6.50 0.05 -1.35	6.94 0.07 -1.21	7.22 0.07 -1.13	6.27 0.06 -1.11	6.24 0.05 -1.10	7.53 0.07 -1.04	11.97 0.16 -0.15	7.80 0.01 -0.75	6.74 0.02 -1.10	11.99 0.09 -0.27	14.60 0.21 -0.59	13.82 0.19 -0.03	13.78 0.16 -0.09	13.53 0.13 -0.22	12.34 0.11 -0.74	9.86 0.14 -1.42	13.11 0.20 -1.33	18.97 0.36 -0.60	25.73 0.52 -1.73	28.00 0.61 -1.10	30.00 0.73 -0.22	28.21 0.66 -0.19	25.96 0.53 0.00	21.49 0.38 0.00
MADISON___COUNTY_LFGE 323628	7.07 0.16 -1.81	7.42 0.19 -1.57	7.64 0.19 -1.43	6.70 0.16 -1.44	6.66 0.15 -1.42	7.90 0.21 -1.28	12.84 0.40 -0.80	8.87 0.22 -1.61	7.73 0.18 -1.94	13.50 0.42 -1.46	15.63 0.54 -1.29	15.49 0.53 -1.36	15.53 0.53 -1.47	15.16 0.49 -1.50	13.63 0.42 -1.72	10.79 0.32 -2.18	14.11 0.46 -2.06	20.73 0.74 -1.98	27.12 0.99 -2.65	29.11 1.13 -1.68	30.64 1.25 -0.34	28.78 1.12 -0.29	26.42 0.99 0.00	21.89 0.78 0.00
MALONE___115KV_TB1 356076	8.41 -0.28 -3.59	9.28 -0.31 -3.93	9.92 -0.28 -4.18	8.41 -0.28 -3.59	8.42 -0.26 -3.59	10.48 -0.35 -4.41	10.31 -0.59 0.75	5.45 -0.35 1.24	5.05 -0.28 0.29	6.53 -0.57 4.52	10.95 -0.65 2.21	5.42 -0.65 7.53	5.23 -0.65 7.65	5.92 -0.61 6.65	7.64 -0.52 3.33	7.96 -0.33 0.00	10.91 -0.50 0.18	11.17 -0.76 6.08	22.69 -0.80 0.00	25.41 -0.89 0.00	28.36 -0.70 0.00	26.82 -0.55 0.00	25.05 -0.38 0.00	20.71 -0.40 0.00

MAPLEWOD_115KV_TB3 80458	26.30 0.23 -20.97	24.13 0.25 -18.22	22.79 0.27 -16.50	21.96 0.22 -16.63	21.74 0.23 -16.42	21.49 0.29 -14.78	21.40 0.54 -9.22	25.93 0.32 -18.57	28.26 0.26 -22.38	28.91 0.52 -16.76	29.03 0.64 -14.59	29.61 0.63 -15.38	30.71 0.62 -16.55	30.72 0.62 -16.92	31.47 0.54 -19.45	33.31 0.39 -24.63	35.32 0.56 -23.18	40.92 0.94 -21.97	53.79 1.22 -29.08	45.82 1.37 -18.15	33.76 1.45 -3.25	31.46 1.34 -2.75	26.30 1.17 0.29	22.06 0.95 0.00
MAPLE RIDGE_WT_1 323574	4.85 -0.25 0.00	5.38 -0.28 0.00	5.75 -0.28 0.00	4.87 -0.23 0.00	4.86 -0.23 0.00	6.12 -0.30 0.00	3.24 -0.55 7.87	1.09 -0.33 5.63	1.77 -0.26 3.58	0.00 -0.52 11.10	9.63 -0.63 3.54	0.91 -0.63 12.06	0.65 -0.64 12.25	1.91 -0.62 10.65	5.61 -0.54 5.33	7.91 -0.38 0.00	10.76 -0.53 0.29	7.44 -0.83 9.74	22.48 -1.01 0.00	25.20 -1.10 0.00	27.92 -1.13 0.00	26.36 -1.01 0.00	24.51 -0.91 0.00	20.40 -0.72 0.00
MAPLE RIDGE_WT_2 323611	4.85 -0.25 0.00	5.38 -0.28 0.00	5.75 -0.28 0.00	4.87 -0.23 0.00	4.86 -0.23 0.00	6.12 -0.30 0.00	3.24 -0.55 7.87	1.09 -0.33 5.63	1.77 -0.26 3.58	0.00 -0.52 11.10	9.63 -0.63 3.54	0.91 -0.63 12.06	0.65 -0.64 12.25	1.91 -0.62 10.65	5.61 -0.54 5.33	7.91 -0.38 0.00	10.76 -0.53 0.29	7.44 -0.83 9.74	22.48 -1.01 0.00	25.20 -1.10 0.00	27.92 -1.13 0.00	26.36 -1.01 0.00	24.51 -0.91 0.00	20.40 -0.72 0.00
MARBLE_RIVER_WT_PWR 323696	-0.54 -0.36 5.29	-0.54 -0.41 5.79	-0.54 -0.40 6.16	-0.54 -0.36 5.28	-0.54 -0.35 5.28	-0.54 -0.47 6.49	-0.54 -0.82 11.37	-0.54 -0.49 7.09	-0.04 -0.39 5.26	-0.13 -0.80 10.96	10.52 -0.93 2.36	4.67 -0.88 8.04	4.51 -0.85 8.17	5.30 -0.78 7.10	7.26 -0.67 3.56	7.86 -0.43 0.00	10.79 -0.60 0.20	10.60 -0.92 6.49	22.48 -1.01 0.00	25.20 -1.10 0.00	28.12 -0.93 0.00	26.58 -0.79 0.00	24.79 -0.63 0.00	20.54 -0.57 0.00
MARSHVLE_115KV_TB1 80742	26.96 0.35 -21.50	24.74 0.40 -18.68	23.37 0.43 -16.92	22.51 0.36 -17.05	22.28 0.35 -16.84	22.03 0.45 -15.16	21.98 0.87 -9.45	26.61 0.53 -19.04	28.99 0.42 -22.96	29.68 0.84 -17.22	29.82 0.95 -15.05	30.46 0.98 -15.88	31.64 1.00 -17.11	31.68 1.01 -17.49	32.46 0.90 -20.08	34.41 0.69 -25.42	36.59 1.03 -23.98	42.59 1.75 -22.83	56.16 2.37 -30.31	47.97 2.66 -19.01	35.33 2.73 -3.55	32.69 2.33 -3.00	27.10 1.88 0.21	22.59 1.48 0.00
MARSH_HILL_WT_PWR 323713	10.98 0.15 -5.73	10.84 0.21 -4.98	10.74 0.20 -4.51	9.83 0.19 -4.54	9.73 0.16 -4.49	10.71 0.26 -4.04	14.62 0.45 -2.52	12.38 0.26 -5.07	11.90 0.17 -6.11	16.51 0.28 -4.60	18.14 0.26 -4.07	18.14 0.25 -4.29	18.43 0.26 -4.64	18.17 0.25 -4.74	17.13 0.22 -5.43	15.29 0.12 -6.88	18.32 0.22 -6.51	24.62 0.34 -6.27	32.23 0.37 -8.37	32.03 0.42 -5.31	30.42 0.29 -1.08	28.61 0.33 -0.91	26.17 0.74 0.00	22.09 0.97 0.00
MCINTYRE_115KV_TB2 80467	6.12 -0.11 -1.14	6.68 -0.11 -1.14	7.08 -0.09 -1.15	6.03 -0.11 -1.04	6.03 -0.10 -1.03	7.42 -0.15 -1.15	7.93 -0.24 3.47	4.53 -0.16 2.35	4.32 -0.12 1.17	5.92 -0.23 5.47	11.89 -0.23 1.68	6.84 -0.27 6.49	6.61 -0.35 6.57	7.15 -0.37 5.66	8.58 -0.32 2.59	8.64 -0.21 -0.55	11.61 -0.34 -0.36	12.51 -0.49 5.02	23.64 -0.52 -0.67	26.17 -0.55 -0.43	28.73 -0.41 -0.09	27.20 -0.25 -0.07	25.27 -0.15 0.00	20.90 -0.21 0.00
MECO____69_KV_BK1 80468	27.06 0.46 -21.50	24.85 0.51 -18.68	23.49 0.55 -16.92	22.62 0.46 -17.05	22.38 0.45 -16.84	22.15 0.57 -15.16	22.22 1.12 -9.45	26.77 0.68 -19.04	29.14 0.57 -22.96	29.97 1.13 -17.22	30.12 1.26 -15.05	30.82 1.35 -15.88	32.02 1.38 -17.11	32.06 1.40 -17.49	32.79 1.23 -20.08	34.67 0.95 -25.42	36.95 1.39 -23.98	43.13 2.29 -22.83	56.89 3.10 -30.31	48.73 3.42 -19.01	36.12 3.52 -3.55	33.38 3.01 -3.00	27.66 2.44 0.21	23.03 1.92 0.00
MENANDS__115KV_TB5 355628	26.26 0.22 -20.94	24.09 0.24 -18.19	22.75 0.25 -16.47	21.92 0.21 -16.61	21.70 0.21 -16.40	21.46 0.28 -14.76	21.37 0.51 -9.21	25.89 0.30 -18.54	28.20 0.24 -22.35	28.85 0.49 -16.74	28.97 0.59 -14.57	29.54 0.58 -15.36	30.64 0.58 -16.53	30.64 0.57 -16.90	31.41 0.51 -19.42	33.24 0.36 -24.59	35.25 0.51 -23.15	40.81 0.86 -21.94	53.65 1.13 -29.04	45.69 1.26 -18.12	33.64 1.34 -3.25	31.34 1.23 -2.74	26.25 1.12 0.30	22.00 0.89 0.00
MG INDUSTRY__DRP 24185	25.88 0.22 -20.56	23.76 0.24 -17.86	22.46 0.26 -16.17	21.63 0.22 -16.30	21.41 0.22 -16.10	21.19 0.28 -14.49	21.20 0.51 -9.04	25.55 0.30 -18.20	27.80 0.24 -21.95	28.58 0.49 -16.47	28.80 0.58 -14.41	29.38 0.57 -15.20	30.49 0.57 -16.39	30.48 0.55 -16.75	31.19 0.48 -19.23	32.99 0.35 -24.35	35.06 0.50 -22.97	40.74 0.83 -21.90	53.66 1.08 -29.09	45.78 1.21 -18.27	33.84 1.34 -3.45	31.48 1.20 -2.91	26.34 1.09 0.18	22.00 0.89 0.00
MID__OSWEGATCHIE_HYD 23849	6.55 -0.11 -1.56	7.04 -0.11 -1.49	7.37 -0.10 -1.45	6.36 -0.10 -1.36	6.34 -0.10 -1.35	7.69 -0.13 -1.40	9.75 -0.21 1.69	6.09 -0.20 0.76	5.56 -0.15 -0.09	8.60 -0.27 2.76	13.02 -0.23 0.56	9.77 -0.29 3.54	9.60 -0.38 3.55	9.83 -0.38 2.96	10.19 -0.33 0.96	9.29 -0.19 -1.18	12.31 -0.29 -1.02	15.22 -0.41 2.38	24.48 -0.45 -1.44	26.74 -0.47 -0.91	28.86 -0.38 -0.19	27.31 -0.22 -0.16	25.25 -0.18 0.00	20.88 -0.23 0.00
MID__RAQUETTE_HYD 23851	6.30 -0.18 -1.38	6.86 -0.19 -1.39	7.26 -0.17 -1.41	6.20 -0.17 -1.27	6.19 -0.16 -1.26	7.60 -0.24 -1.42	8.25 -0.40 3.00	4.78 -0.26 2.01	4.53 -0.20 0.89	6.28 -0.40 4.95	11.86 -0.43 1.52	7.05 -0.49 6.07	6.76 -0.64 6.14	7.29 -0.62 5.27	8.58 -0.55 2.35	8.57 -0.36 -0.64	11.46 -0.58 -0.45	12.49 -0.88 4.63	23.21 -1.06 -0.78	25.61 -1.18 -0.50	28.11 -1.05 -0.10	26.74 -0.71 -0.08	24.92 -0.51 0.00	20.63 -0.49 0.00
MILLIKEN__1 23584	10.98 0.22 -5.66	10.83 0.25 -4.92	10.73 0.25 -4.46	9.81 0.22 -4.49	9.74 0.21 -4.44	10.71 0.30 -3.99	14.69 0.55 -2.49	12.41 0.35 -5.02	11.94 0.28 -6.05	16.75 0.57 -4.55	18.49 0.66 -4.02	18.49 0.64 -4.24	18.77 0.65 -4.59	18.50 0.63 -4.69	17.39 0.54 -5.37	15.47 0.38 -6.80	18.58 0.56 -6.44	25.07 0.86 -6.20	32.91 1.15 -8.28	32.84 1.29 -5.25	31.43 1.31 -1.06	29.45 1.18 -0.90	26.52 1.09 0.00	22.06 0.95 0.00
MILLIKEN__2 23585	10.98 0.22 -5.66	10.83 0.25 -4.92	10.73 0.25 -4.46	9.81 0.22 -4.49	9.74 0.21 -4.44	10.71 0.30 -3.99	14.69 0.55 -2.49	12.41 0.35 -5.02	11.94 0.28 -6.05	16.75 0.57 -4.55	18.49 0.66 -4.02	18.49 0.64 -4.24	18.77 0.65 -4.59	18.50 0.63 -4.69	17.39 0.54 -5.37	15.47 0.38 -6.80	18.58 0.56 -6.44	25.07 0.86 -6.20	32.91 1.15 -8.28	32.84 1.29 -5.25	31.43 1.31 -1.06	29.45 1.18 -0.90	26.52 1.09 0.00	22.06 0.95 0.00
MILLIKEN__DIESEL 23629	10.98 0.22 -5.66	10.83 0.25 -4.92	10.73 0.25 -4.46	9.81 0.22 -4.49	9.74 0.21 -4.44	10.71 0.30 -3.99	14.69 0.55 -2.49	12.41 0.35 -5.02	11.94 0.28 -6.05	16.75 0.57 -4.55	18.49 0.66 -4.02	18.49 0.64 -4.24	18.77 0.65 -4.59	18.50 0.63 -4.69	17.39 0.54 -5.37	15.47 0.38 -6.80	18.58 0.56 -6.44	25.07 0.86 -6.20	32.91 1.15 -8.28	32.84 1.29 -5.25	31.43 1.31 -1.06	29.45 1.18 -0.90	26.52 1.09 0.00	22.06 0.95 0.00

MILLSEAT___LFGE 323607	9.93 0.15 -4.68	9.93 0.20 -4.07	9.90 0.19 -3.68	8.99 0.18 -3.71	8.91 0.15 -3.67	9.98 0.26 -3.30	14.13 0.42 -2.06	11.38 0.19 -4.14	10.72 0.11 -5.00	15.52 0.13 -3.76	17.19 0.06 -3.32	17.16 0.05 -3.51	17.41 0.08 -3.79	17.15 0.10 -3.87	16.06 0.14 -4.44	13.98 0.07 -5.62	17.07 0.16 -5.32	23.31 0.18 -5.12	30.35 0.02 -6.84	30.64 0.00 -4.34	29.70 -0.23 -0.88	27.79 -0.33 -0.74	25.40 -0.03 0.00	21.60 0.49 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	22.56 0.32 -17.14	20.90 0.36 -14.89	19.86 0.35 -13.48	18.99 0.30 -13.59	18.81 0.30 -13.42	18.89 0.39 -12.08	19.87 0.69 -7.54	22.65 0.43 -15.17	24.25 0.34 -18.29	26.19 0.71 -13.86	27.08 0.81 -12.45	27.56 0.80 -13.16	28.61 0.79 -14.29	28.53 0.76 -14.59	28.81 0.68 -16.65	29.87 0.49 -21.09	32.35 0.66 -20.10	38.76 1.10 -19.66	51.42 1.43 -26.51	44.99 1.60 -17.08	34.64 1.71 -3.87	32.33 1.70 -3.26	27.33 1.63 -0.28	22.40 1.29 0.00
MILLWOOD_13_KV_LOAD 356217	22.57 0.34 -17.14	20.91 0.36 -14.89	19.87 0.36 -13.48	19.00 0.31 -13.59	18.81 0.30 -13.42	18.90 0.40 -12.08	19.89 0.71 -7.54	22.67 0.45 -15.17	24.27 0.36 -18.29	26.22 0.73 -13.86	27.12 0.86 -12.45	27.59 0.83 -13.16	28.64 0.81 -14.29	28.56 0.79 -14.59	28.83 0.70 -16.65	29.89 0.51 -21.09	32.38 0.70 -20.10	38.82 1.15 -19.66	51.49 1.50 -26.51	45.07 1.68 -17.08	34.73 1.80 -3.87	32.41 1.78 -3.26	27.41 1.70 -0.28	22.44 1.33 0.00
MODEL_CITY_ENERGY 24167	10.00 0.07 -4.83	9.98 0.12 -4.20	9.93 0.11 -3.80	9.04 0.11 -3.83	8.95 0.08 -3.78	9.98 0.15 -3.40	13.99 0.22 -2.12	11.34 0.02 -4.28	10.73 -0.04 -5.16	15.32 -0.19 -3.88	16.92 -0.32 -3.43	16.92 -0.30 -3.62	17.16 -0.28 -3.91	16.92 -0.25 -4.00	15.90 -0.16 -4.58	13.94 -0.15 -5.80	16.94 -0.14 -5.49	22.93 -0.36 -5.28	29.79 -0.75 -7.06	29.91 -0.87 -4.48	28.80 -1.16 -0.91	27.01 -1.12 -0.77	24.74 -0.69 0.00	21.18 0.06 0.00
MODERN_LFGE___ 323580	10.00 0.07 -4.83	9.98 0.12 -4.20	9.93 0.11 -3.80	9.04 0.11 -3.83	8.95 0.08 -3.78	9.98 0.15 -3.40	13.99 0.22 -2.12	11.34 0.02 -4.28	10.73 -0.04 -5.16	15.32 -0.19 -3.88	16.92 -0.32 -3.43	16.92 -0.30 -3.62	17.16 -0.28 -3.91	16.92 -0.25 -4.00	15.90 -0.16 -4.58	13.94 -0.15 -5.80	16.94 -0.14 -5.49	22.93 -0.36 -5.28	29.79 -0.75 -7.06	29.91 -0.87 -4.48	28.80 -1.16 -0.91	27.01 -1.12 -0.77	24.74 -0.69 0.00	21.18 0.06 0.00
MOHAWK_PAPER___DRP 24187	26.30 0.23 -20.97	24.13 0.25 -18.22	22.79 0.27 -16.50	21.96 0.22 -16.63	21.74 0.23 -16.42	21.49 0.29 -14.78	21.40 0.54 -9.22	25.93 0.32 -18.57	28.26 0.26 -22.38	28.91 0.52 -16.76	29.03 0.64 -14.59	29.61 0.63 -15.38	30.71 0.62 -16.55	30.72 0.62 -16.92	31.47 0.54 -19.45	33.31 0.39 -24.63	35.32 0.56 -23.18	40.92 0.94 -21.97	53.79 1.22 -29.08	45.82 1.37 -18.15	33.76 1.45 -3.25	31.46 1.34 -2.75	26.30 1.17 0.29	22.06 0.95 0.00
MOHICAN___35_KV_115KV_LD 80490	26.81 0.32 -21.39	24.59 0.35 -18.58	23.26 0.41 -16.82	22.40 0.34 -16.96	22.18 0.34 -16.75	21.92 0.43 -15.07	21.88 0.83 -9.40	26.48 0.50 -18.94	28.86 0.42 -22.83	29.59 0.86 -17.11	29.77 1.04 -14.92	30.36 1.02 -15.74	31.47 0.99 -16.94	31.47 0.98 -17.32	32.13 0.75 -19.90	34.01 0.51 -25.20	36.10 0.76 -23.74	41.83 1.26 -22.56	55.08 1.69 -29.90	46.96 1.95 -18.71	34.48 2.00 -3.42	32.01 1.75 -2.89	26.62 1.45 0.25	22.27 1.16 0.00
MONGAUP___HYD 23641	21.22 0.36 -15.76	19.74 0.39 -13.69	18.81 0.39 -12.40	17.94 0.34 -12.50	17.75 0.32 -12.34	17.94 0.41 -11.11	19.28 0.70 -6.93	21.42 0.42 -13.95	22.78 0.34 -16.82	25.04 0.69 -12.73	26.02 0.80 -11.41	26.44 0.77 -12.06	27.41 0.78 -13.09	27.30 0.76 -13.36	27.42 0.68 -15.26	28.12 0.51 -19.32	30.71 0.72 -18.40	37.24 1.28 -17.96	49.48 1.81 -24.18	43.83 1.97 -15.55	34.59 2.06 -3.48	32.22 1.92 -2.93	27.45 1.81 -0.22	22.51 1.39 0.00
MONTAUK___DIESEL 23721	23.09 0.74 -17.26	21.48 0.84 -14.99	20.37 0.77 -13.57	19.48 0.69 -13.69	19.30 0.70 -13.51	19.53 0.94 -12.16	20.63 1.40 -7.59	23.28 0.96 -15.28	24.80 0.77 -18.42	27.06 1.48 -13.96	28.13 1.78 -12.54	28.59 1.74 -13.25	29.50 1.57 -14.39	29.51 1.63 -14.70	29.63 1.38 -16.77	36.88 1.05 -27.53	39.63 1.37 -26.67	73.46 2.12 -53.33	90.88 2.91 -64.49	46.82 3.23 -17.29	41.91 3.63 -9.22	41.65 3.48 -10.80	37.65 3.86 -8.35	24.35 3.23 -0.01
MOONROAD_115KV_HARTFLD_TB1-2 355988	10.43 0.11 -5.22	10.31 0.12 -4.54	10.25 0.12 -4.11	9.36 0.11 -4.14	9.24 0.06 -4.09	10.21 0.11 -3.68	14.13 0.19 -2.30	11.72 0.06 -4.62	11.16 -0.03 -5.57	15.66 -0.16 -4.20	17.25 -0.26 -3.71	17.24 -0.27 -3.91	17.55 -0.22 -4.23	17.29 -0.21 -4.32	16.29 -0.15 -4.95	14.42 -0.14 -6.27	17.41 -0.12 -5.94	23.50 -0.22 -5.71	30.71 -0.40 -7.63	30.72 -0.42 -4.84	29.45 -0.58 -0.98	27.73 -0.47 -0.83	25.86 0.43 0.00	22.11 0.99 0.00
MORTIMER_115KV_TB3 55949	9.48 0.13 -4.25	9.48 0.14 -3.69	9.49 0.13 -3.34	8.59 0.12 -3.37	8.52 0.11 -3.32	9.60 0.19 -2.99	13.83 0.31 -1.87	10.99 0.18 -3.76	10.28 0.13 -4.53	15.28 0.24 -3.41	17.06 0.23 -3.02	17.02 0.23 -3.18	17.22 0.24 -3.44	16.94 0.25 -3.51	15.75 0.24 -4.02	13.55 0.16 -5.10	16.67 0.25 -4.83	23.01 0.36 -4.65	30.06 0.38 -6.20	30.63 0.39 -3.93	30.11 0.26 -0.80	28.18 0.14 -0.67	25.50 0.08 0.00	21.39 0.27 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	22.70 0.35 -17.25	21.03 0.38 -14.99	19.97 0.37 -13.57	19.11 0.32 -13.68	18.92 0.32 -13.51	19.00 0.42 -12.16	19.98 0.75 -7.59	22.78 0.46 -15.28	24.40 0.37 -18.42	26.35 0.77 -13.95	27.23 0.88 -12.54	27.72 0.87 -13.25	28.79 0.87 -14.39	28.69 0.83 -14.69	28.98 0.74 -16.76	30.06 0.53 -21.23	32.54 0.72 -20.24	38.97 1.17 -19.79	51.68 1.50 -26.69	45.19 1.68 -17.20	34.78 1.83 -3.90	32.46 1.81 -3.29	27.49 1.78 -0.28	22.53 1.41 0.00
MUNSVILLE_WIND_PWR 323609	13.20 0.35 -7.75	12.82 0.44 -6.73	12.56 0.45 -6.09	11.62 0.38 -6.14	11.51 0.36 -6.07	12.38 0.49 -5.46	16.02 0.97 -3.41	14.47 0.57 -6.86	14.36 0.48 -8.27	18.93 1.08 -6.23	20.65 1.34 -5.50	20.70 1.29 -5.81	21.08 1.27 -6.27	20.77 1.19 -6.41	19.83 1.00 -7.34	18.32 0.73 -9.30	21.44 1.04 -8.81	28.18 1.69 -8.48	37.08 2.28 -11.32	36.11 2.63 -7.18	33.44 2.93 -1.46	31.23 2.63 -1.23	27.82 2.39 0.00	23.05 1.94 0.00
N SALMON___HYD 24042	8.42 -0.27 -3.59	9.28 -0.31 -3.93	9.92 -0.28 -4.18	8.41 -0.28 -3.59	8.42 -0.26 -3.59	10.48 -0.35 -4.41	10.31 -0.59 0.75	5.45 -0.35 1.24	5.05 -0.27 0.29	6.53 -0.57 4.52	10.95 -0.65 2.21	5.42 -0.65 7.53	5.23 -0.65 7.65	5.92 -0.61 6.65	7.64 -0.52 3.33	7.96 -0.33 0.00	10.91 -0.50 0.18	11.17 -0.76 6.08	22.69 -0.80 0.00	25.41 -0.89 0.00	28.36 -0.70 0.00	26.82 -0.55 0.00	25.05 -0.38 0.00	20.71 -0.40 0.00
N.AKRON___115KV_KNAPP 355671	9.99 0.19 -4.70	9.95 0.20 -4.08	9.92 0.20 -3.70	9.01 0.18 -3.73	8.93 0.16 -3.68	10.00 0.26 -3.31	14.15 0.43 -2.07	11.40 0.19 -4.16	10.74 0.11 -5.02	15.53 0.13 -3.78	17.20 0.06 -3.34	17.18 0.05 -3.52	17.41 0.07 -3.81	17.17 0.11 -3.89	16.08 0.14 -4.46	14.00 0.07 -5.64	17.09 0.16 -5.34	23.31 0.16 -5.14	30.35 0.00 -6.87	30.63 -0.03 -4.36	29.68 -0.26 -0.88	27.79 -0.33 -0.75	25.40 -0.03 0.00	21.62 0.51 0.00

N.BELMOR_69_KV_BK1 55787	22.78 0.42 -17.26	21.14 0.49 -14.99	20.04 0.44 -13.57	19.20 0.41 -13.69	19.01 0.40 -13.51	19.13 0.55 -12.16	20.00 0.77 -7.59	22.86 0.54 -15.28	24.47 0.43 -18.42	26.41 0.83 -13.96	27.33 0.98 -12.54	27.80 0.95 -13.25	28.77 0.84 -14.39	28.75 0.88 -14.69	29.00 0.75 -16.77	30.09 0.56 -21.23	32.51 0.68 -20.24	38.85 1.04 -19.79	51.61 1.43 -26.69	45.11 1.60 -17.21	34.84 1.89 -3.90	32.55 1.89 -3.29	27.97 2.26 -0.28	22.97 1.86 0.00
N.E_GEN_SANDY PD 24062	24.43 0.22 -19.11	22.51 0.25 -16.60	21.31 0.25 -15.04	20.48 0.21 -15.16	20.27 0.21 -14.97	20.17 0.28 -13.47	20.57 0.51 -8.40	24.27 0.30 -16.92	26.25 0.23 -20.40	26.70 0.48 -14.60	25.45 0.57 -11.07	25.71 0.56 -11.55	26.00 0.56 -11.91	25.98 0.53 -12.28	26.56 0.47 -14.60	27.10 0.34 -18.47	28.41 0.48 -16.34	31.80 0.79 -13.00	39.70 1.03 -15.18	34.70 1.16 -7.24	28.24 1.25 2.06	26.84 1.18 1.71	24.13 1.12 2.42	22.00 0.89 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	21.28 0.32 -15.87	19.79 0.35 -13.78	18.84 0.34 -12.48	17.98 0.29 -12.58	17.80 0.29 -12.42	17.98 0.38 -11.18	19.28 0.65 -6.98	21.50 0.41 -14.05	22.88 0.33 -16.94	25.12 0.67 -12.82	26.10 0.79 -11.50	26.51 0.76 -12.15	27.48 0.76 -13.19	27.38 0.74 -13.46	27.50 0.64 -15.37	28.22 0.46 -19.47	30.76 0.63 -18.54	37.15 1.04 -18.10	49.25 1.39 -24.38	43.54 1.55 -15.69	34.22 1.66 -3.51	31.95 1.61 -2.96	27.21 1.55 -0.23	22.34 1.22 0.00
N.QUEENS_27_KV_LOAD 356247	22.72 0.37 -17.25	21.06 0.41 -14.99	19.98 0.39 -13.57	19.12 0.33 -13.68	18.93 0.33 -13.51	18.98 0.40 -12.16	19.88 0.64 -7.59	22.72 0.40 -15.28	24.36 0.33 -18.42	26.24 0.66 -13.95	27.11 0.76 -12.54	27.60 0.75 -13.25	28.67 0.74 -14.39	28.58 0.71 -14.69	28.88 0.63 -16.76	29.98 0.46 -21.23	32.43 0.60 -20.24	38.79 0.99 -19.79	51.44 1.27 -26.69	44.95 1.45 -17.20	34.49 1.54 -3.90	32.19 1.53 -3.29	27.21 1.50 -0.28	22.53 1.41 0.00
N.TROY___115KV_TB1 355778	26.48 0.22 -21.16	24.29 0.25 -18.38	22.94 0.27 -16.65	22.11 0.22 -16.78	21.88 0.22 -16.57	21.62 0.29 -14.91	21.49 0.54 -9.30	26.10 0.32 -18.74	28.46 0.25 -22.59	29.05 0.52 -16.90	29.12 0.62 -14.69	29.69 0.61 -15.48	30.79 0.61 -16.65	30.81 0.61 -17.03	31.58 0.52 -19.58	33.45 0.37 -24.79	35.44 0.53 -23.32	40.97 0.90 -22.06	53.83 1.17 -29.17	45.79 1.32 -18.17	33.65 1.39 -3.20	31.34 1.26 -2.71	26.22 1.12 0.33	22.02 0.91 0.00
NARROWS_GT1_1 24228	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.96 0.73 -7.58	22.78 0.46 -15.27	24.39 0.37 -18.41	26.35 0.78 -13.95	27.24 0.90 -12.53	27.73 0.88 -13.24	28.78 0.87 -14.38	28.70 0.84 -14.68	29.00 0.76 -16.76	30.06 0.54 -21.22	32.55 0.73 -20.23	38.98 1.19 -19.78	51.69 1.53 -26.68	45.20 1.71 -17.20	34.83 1.89 -3.89	32.51 1.86 -3.28	27.53 1.83 -0.27	22.63 1.52 0.00
NARROWS_GT1_2 24229	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.96 0.73 -7.58	22.78 0.46 -15.27	24.39 0.37 -18.41	26.35 0.78 -13.95	27.24 0.90 -12.53	27.73 0.88 -13.24	28.78 0.87 -14.38	28.70 0.84 -14.68	29.00 0.76 -16.76	30.06 0.54 -21.22	32.55 0.73 -20.23	38.98 1.19 -19.78	51.69 1.53 -26.68	45.20 1.71 -17.20	34.83 1.89 -3.89	32.51 1.86 -3.28	27.53 1.83 -0.27	22.63 1.52 0.00
NARROWS_GT1_3 24230	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.96 0.73 -7.58	22.78 0.46 -15.27	24.39 0.37 -18.41	26.35 0.78 -13.95	27.24 0.90 -12.53	27.73 0.88 -13.24	28.78 0.87 -14.38	28.70 0.84 -14.68	29.00 0.76 -16.76	30.06 0.54 -21.22	32.55 0.73 -20.23	38.98 1.19 -19.78	51.69 1.53 -26.68	45.20 1.71 -17.20	34.83 1.89 -3.89	32.51 1.86 -3.28	27.53 1.83 -0.27	22.63 1.52 0.00
NARROWS_GT1_4 24231	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.96 0.73 -7.58	22.78 0.46 -15.27	24.39 0.37 -18.41	26.35 0.78 -13.95	27.24 0.90 -12.53	27.73 0.88 -13.24	28.78 0.87 -14.38	28.70 0.84 -14.68	29.00 0.76 -16.76	30.06 0.54 -21.22	32.55 0.73 -20.23	38.98 1.19 -19.78	51.69 1.53 -26.68	45.20 1.71 -17.20	34.83 1.89 -3.89	32.51 1.86 -3.28	27.53 1.83 -0.27	22.63 1.52 0.00
NARROWS_GT1_5 24232	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.96 0.73 -7.58	22.78 0.46 -15.27	24.39 0.37 -18.41	26.35 0.78 -13.95	27.24 0.90 -12.53	27.73 0.88 -13.24	28.78 0.87 -14.38	28.70 0.84 -14.68	29.00 0.76 -16.76	30.06 0.54 -21.22	32.55 0.73 -20.23	38.98 1.19 -19.78	51.69 1.53 -26.68	45.20 1.71 -17.20	34.83 1.89 -3.89	32.51 1.86 -3.28	27.53 1.83 -0.27	22.63 1.52 0.00
NARROWS_GT1_6 24233	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.96 0.73 -7.58	22.78 0.46 -15.27	24.39 0.37 -18.41	26.35 0.78 -13.95	27.24 0.90 -12.53	27.73 0.88 -13.24	28.78 0.87 -14.38	28.70 0.84 -14.68	29.00 0.76 -16.76	30.06 0.54 -21.22	32.55 0.73 -20.23	38.98 1.19 -19.78	51.69 1.53 -26.68	45.20 1.71 -17.20	34.83 1.89 -3.89	32.51 1.86 -3.28	27.53 1.83 -0.27	22.63 1.52 0.00
NARROWS_GT1_7 24234	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.96 0.73 -7.58	22.78 0.46 -15.27	24.39 0.37 -18.41	26.35 0.78 -13.95	27.24 0.90 -12.53	27.73 0.88 -13.24	28.78 0.87 -14.38	28.70 0.84 -14.68	29.00 0.76 -16.76	30.06 0.54 -21.22	32.55 0.73 -20.23	38.98 1.19 -19.78	51.69 1.53 -26.68	45.20 1.71 -17.20	34.83 1.89 -3.89	32.51 1.86 -3.28	27.53 1.83 -0.27	22.63 1.52 0.00
NARROWS_GT1_8 24235	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.96 0.73 -7.58	22.78 0.46 -15.27	24.39 0.37 -18.41	26.35 0.78 -13.95	27.24 0.90 -12.53	27.73 0.88 -13.24	28.78 0.87 -14.38	28.70 0.84 -14.68	29.00 0.76 -16.76	30.06 0.54 -21.22	32.55 0.73 -20.23	38.98 1.19 -19.78	51.69 1.53 -26.68	45.20 1.71 -17.20	34.83 1.89 -3.89	32.51 1.86 -3.28	27.53 1.83 -0.27	22.63 1.52 0.00
NARROWS_GT2_1 24236	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.96 0.73 -7.58	22.78 0.46 -15.27	24.39 0.37 -18.41	26.35 0.78 -13.95	27.24 0.90 -12.53	27.73 0.88 -13.24	28.78 0.87 -14.38	28.70 0.84 -14.68	29.00 0.76 -16.76	30.06 0.54 -21.22	32.55 0.73 -20.23	38.98 1.19 -19.78	51.69 1.53 -26.68	45.20 1.71 -17.20	34.83 1.89 -3.89	32.51 1.86 -3.28	27.53 1.83 -0.27	22.63 1.52 0.00
NARROWS_GT2_2 24237	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.96 0.73 -7.58	22.78 0.46 -15.27	24.39 0.37 -18.41	26.35 0.78 -13.95	27.24 0.90 -12.53	27.73 0.88 -13.24	28.78 0.87 -14.38	28.70 0.84 -14.68	29.00 0.76 -16.76	30.06 0.54 -21.22	32.55 0.73 -20.23	38.98 1.19 -19.78	51.69 1.53 -26.68	45.20 1.71 -17.20	34.83 1.89 -3.89	32.51 1.86 -3.28	27.53 1.83 -0.27	22.63 1.52 0.00

NARROWS_GT2_3 24238	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.96 0.73 -7.58	22.78 0.46 -15.27	24.39 0.37 -18.41	26.35 0.78 -13.95	27.24 0.90 -12.53	27.73 0.88 -13.24	28.78 0.87 -14.38	28.70 0.84 -14.68	29.00 0.76 -16.76	30.06 0.54 -21.22	32.55 0.73 -20.23	38.98 1.19 -19.78	51.69 1.53 -26.68	45.20 1.71 -17.20	34.83 1.89 -3.89	32.51 1.86 -3.28	27.53 1.83 -0.27	22.63 1.52 0.00
NARROWS_GT2_4 24239	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.96 0.73 -7.58	22.78 0.46 -15.27	24.39 0.37 -18.41	26.35 0.78 -13.95	27.24 0.90 -12.53	27.73 0.88 -13.24	28.78 0.87 -14.38	28.70 0.84 -14.68	29.00 0.76 -16.76	30.06 0.54 -21.22	32.55 0.73 -20.23	38.98 1.19 -19.78	51.69 1.53 -26.68	45.20 1.71 -17.20	34.83 1.89 -3.89	32.51 1.86 -3.28	27.53 1.83 -0.27	22.63 1.52 0.00
NARROWS_GT2_5 24240	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.96 0.73 -7.58	22.78 0.46 -15.27	24.39 0.37 -18.41	26.35 0.78 -13.95	27.24 0.90 -12.53	27.73 0.88 -13.24	28.78 0.87 -14.38	28.70 0.84 -14.68	29.00 0.76 -16.76	30.06 0.54 -21.22	32.55 0.73 -20.23	38.98 1.19 -19.78	51.69 1.53 -26.68	45.20 1.71 -17.20	34.83 1.89 -3.89	32.51 1.86 -3.28	27.53 1.83 -0.27	22.63 1.52 0.00
NARROWS_GT2_6 24241	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.96 0.73 -7.58	22.78 0.46 -15.27	24.39 0.37 -18.41	26.35 0.78 -13.95	27.24 0.90 -12.53	27.73 0.88 -13.24	28.78 0.87 -14.38	28.70 0.84 -14.68	29.00 0.76 -16.76	30.06 0.54 -21.22	32.55 0.73 -20.23	38.98 1.19 -19.78	51.69 1.53 -26.68	45.20 1.71 -17.20	34.83 1.89 -3.89	32.51 1.86 -3.28	27.53 1.83 -0.27	22.63 1.52 0.00
NARROWS_GT2_7 24242	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.96 0.73 -7.58	22.78 0.46 -15.27	24.39 0.37 -18.41	26.35 0.78 -13.95	27.24 0.90 -12.53	27.73 0.88 -13.24	28.78 0.87 -14.38	28.70 0.84 -14.68	29.00 0.76 -16.76	30.06 0.54 -21.22	32.55 0.73 -20.23	38.98 1.19 -19.78	51.69 1.53 -26.68	45.20 1.71 -17.20	34.83 1.89 -3.89	32.51 1.86 -3.28	27.53 1.83 -0.27	22.63 1.52 0.00
NARROWS_GT2_8 24243	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.96 0.73 -7.58	22.78 0.46 -15.27	24.39 0.37 -18.41	26.35 0.78 -13.95	27.24 0.90 -12.53	27.73 0.88 -13.24	28.78 0.87 -14.38	28.70 0.84 -14.68	29.00 0.76 -16.76	30.06 0.54 -21.22	32.55 0.73 -20.23	38.98 1.19 -19.78	51.69 1.53 -26.68	45.20 1.71 -17.20	34.83 1.89 -3.89	32.51 1.86 -3.28	27.53 1.83 -0.27	22.63 1.52 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	25.12 0.24 -19.77	23.09 0.26 -17.18	21.86 0.28 -15.55	21.02 0.23 -15.68	20.80 0.23 -15.48	20.64 0.28 -13.94	20.87 0.52 -8.69	24.85 0.30 -17.51	26.97 0.25 -21.11	27.96 0.49 -15.85	28.29 0.57 -13.91	28.85 0.57 -14.67	29.95 0.58 -15.83	29.92 0.57 -16.18	30.55 0.51 -18.56	32.19 0.39 -23.50	34.36 0.58 -22.20	40.29 1.06 -21.22	53.17 1.46 -28.23	45.97 1.89 -17.78	34.45 1.98 -3.42	31.98 1.72 -2.89	26.80 1.50 0.13	22.21 1.10 0.00
NCHELSEA_115KV_TR2 355582	22.48 0.32 -17.06	20.83 0.35 -14.82	19.79 0.35 -13.42	18.93 0.30 -13.53	18.73 0.29 -13.36	18.82 0.38 -12.02	19.80 0.65 -7.50	22.55 0.40 -15.10	24.14 0.32 -18.21	26.06 0.66 -13.77	26.89 0.76 -12.32	27.36 0.75 -13.01	28.39 0.74 -14.11	28.31 0.72 -14.41	28.59 0.64 -16.46	29.61 0.47 -20.84	32.07 0.65 -19.83	38.43 1.12 -19.31	50.93 1.48 -25.97	44.62 1.66 -16.66	34.50 1.77 -3.67	32.16 1.70 -3.09	27.25 1.63 -0.20	22.38 1.27 0.00
NEG CAPITAL___MECHNVIL 23645	26.70 0.28 -21.32	24.49 0.31 -18.52	23.14 0.34 -16.77	22.29 0.28 -16.91	22.07 0.28 -16.70	21.80 0.35 -15.03	21.69 0.66 -9.38	26.33 0.40 -18.88	28.70 0.33 -22.76	29.35 0.67 -17.05	29.48 0.81 -14.86	30.07 0.80 -15.66	31.19 0.80 -16.86	31.21 0.79 -17.24	31.95 0.65 -19.81	33.85 0.47 -25.08	35.89 0.68 -23.62	41.56 1.14 -22.42	54.68 1.50 -29.69	46.54 1.68 -18.55	34.18 1.77 -3.36	31.77 1.56 -2.84	26.50 1.35 0.28	22.21 1.10 0.00
NEG CENTRAL_HIGH_ACRES 23767	9.28 -0.01 -4.19	9.30 0.01 -3.64	9.32 -0.01 -3.30	8.43 0.00 -3.32	8.36 -0.01 -3.28	9.41 0.04 -2.95	13.55 0.06 -1.84	10.80 0.04 -3.71	10.12 0.03 -4.47	15.03 0.03 -3.37	16.78 0.00 -2.98	16.76 0.01 -3.14	16.94 0.01 -3.39	16.68 0.04 -3.47	15.50 0.05 -3.97	13.34 0.02 -5.03	16.40 0.05 -4.76	22.63 0.04 -4.58	29.61 0.00 -6.12	30.16 -0.03 -3.88	29.64 -0.20 -0.79	27.76 -0.27 -0.66	25.07 -0.36 0.00	20.94 -0.17 0.00
NEG CENTRAL___DRP 24199	9.72 0.16 -4.46	9.71 0.18 -3.87	9.70 0.17 -3.51	8.79 0.15 -3.54	8.73 0.14 -3.49	9.78 0.22 -3.14	14.02 0.41 -1.96	11.25 0.26 -3.95	10.58 0.20 -4.76	15.61 0.40 -3.58	17.42 0.44 -3.17	17.38 0.44 -3.34	17.58 0.43 -3.61	17.30 0.43 -3.69	16.08 0.37 -4.23	13.90 0.26 -5.35	17.05 0.39 -5.07	23.48 0.59 -4.88	30.78 0.78 -6.52	31.30 0.87 -4.13	30.68 0.78 -0.84	28.76 0.68 -0.71	26.09 0.66 0.00	21.75 0.63 0.00
NEG CENTRAL___INDECK 23768	10.49 0.25 -5.15	10.43 0.31 -4.47	10.37 0.30 -4.05	9.45 0.27 -4.08	9.37 0.25 -4.03	10.43 0.39 -3.63	14.60 0.69 -2.26	12.03 0.43 -4.56	11.42 0.31 -5.49	16.31 0.55 -4.14	18.02 0.55 -3.65	17.99 0.53 -3.86	18.23 0.53 -4.17	17.98 0.54 -4.26	16.86 0.49 -4.88	14.81 0.34 -6.18	17.99 0.56 -5.85	24.54 0.90 -5.63	32.18 1.17 -7.52	32.44 1.37 -4.77	31.27 1.25 -0.97	29.23 1.04 -0.82	26.50 1.07 0.00	22.23 1.12 0.00
NEG CENTRAL___SENECA 23627	9.96 0.19 -4.68	9.92 0.20 -4.06	9.91 0.20 -3.68	8.99 0.18 -3.71	8.92 0.17 -3.66	9.97 0.26 -3.30	14.18 0.48 -2.06	11.49 0.30 -4.14	10.84 0.23 -4.99	15.84 0.45 -3.76	17.63 0.50 -3.32	17.60 0.49 -3.50	17.81 0.49 -3.79	17.52 0.47 -3.87	16.33 0.41 -4.43	14.20 0.29 -5.61	17.34 0.44 -5.32	23.81 0.68 -5.12	31.21 0.89 -6.83	31.61 0.97 -4.33	30.83 0.90 -0.88	28.88 0.77 -0.74	26.22 0.79 0.00	21.89 0.78 0.00
NEG CENTRAL___STATE_STREET 24147	9.68 0.16 -4.43	9.68 0.18 -3.84	9.68 0.17 -3.48	8.77 0.16 -3.51	8.70 0.15 -3.47	9.76 0.22 -3.12	14.01 0.42 -1.95	11.24 0.27 -3.92	10.55 0.21 -4.72	15.62 0.44 -3.56	17.46 0.51 -3.14	17.42 0.50 -3.32	17.63 0.51 -3.58	17.35 0.51 -3.66	16.12 0.44 -4.20	13.91 0.30 -5.31	17.06 0.44 -5.03	23.53 0.68 -4.84	30.84 0.89 -6.47	31.40 1.00 -4.10	30.84 0.96 -0.83	28.92 0.85 -0.70	26.16 0.74 0.00	21.77 0.65 0.00
NEG MILLWOOD___DRP 24198	22.77 0.35 -17.32	21.08 0.37 -15.04	20.02 0.37 -13.62	19.16 0.32 -13.74	18.96 0.31 -13.56	19.03 0.40 -12.21	19.97 0.71 -7.61	22.84 0.46 -15.33	24.47 0.36 -18.49	26.37 0.76 -13.99	27.22 0.87 -12.54	27.69 0.84 -13.24	28.75 0.84 -14.37	28.65 0.80 -14.67	28.96 0.72 -16.75	30.05 0.53 -21.22	32.52 0.73 -20.21	38.96 1.24 -19.71	51.68 1.67 -26.53	45.25 1.89 -17.06	34.80 1.95 -3.80	32.49 1.92 -3.20	27.44 1.78 -0.23	22.49 1.37 0.00

NEG NORTH_FLCN_SEA 23793	-0.53 -0.30 5.33	-0.51 -0.33 5.84	-0.50 -0.31 6.22	-0.53 -0.30 5.33	-0.52 -0.28 5.33	-0.51 -0.38 6.55	-0.43 -0.66 11.42	-0.47 -0.40 7.11	0.01 -0.32 5.28	-0.01 -0.66 10.97	10.68 -0.77 2.36	4.84 -0.73 8.03	4.69 -0.69 8.15	5.47 -0.62 7.09	7.41 -0.53 3.55	7.96 -0.33 0.00	10.93 -0.46 0.20	10.81 -0.72 6.48	22.73 -0.75 0.00	25.49 -0.82 0.00	28.47 -0.58 0.00	26.88 -0.49 0.00	25.07 -0.36 0.00	20.78 -0.34 0.00
NEG NORTH_KES_CHATEGAY 23792	-0.92 -0.35 5.67	-0.94 -0.38 6.21	-0.96 -0.38 6.61	-0.91 -0.35 5.67	-0.91 -0.33 5.67	-0.99 -0.44 6.97	-0.86 -0.78 11.72	-0.69 -0.46 7.27	-0.18 -0.36 5.43	-0.22 -0.77 11.08	10.61 -0.88 2.32	4.86 -0.84 7.89	4.70 -0.81 8.02	5.46 -0.75 6.97	7.35 -0.64 3.49	7.89 -0.41 0.00	10.82 -0.58 0.19	10.75 -0.88 6.37	22.52 -0.96 0.00	25.25 -1.05 0.00	28.18 -0.87 0.00	26.60 -0.77 0.00	24.82 -0.61 0.00	20.59 -0.53 0.00
NEG NORTH___ALICE_FALLS 23915	-0.56 -0.27 5.39	-0.54 -0.30 5.90	-0.54 -0.28 6.28	-0.56 -0.28 5.38	-0.55 -0.25 5.38	-0.54 -0.35 6.62	-0.42 -0.61 11.47	-0.46 -0.36 7.14	0.01 -0.30 5.31	0.01 -0.63 10.99	10.71 -0.75 2.35	4.88 -0.72 8.00	4.73 -0.68 8.13	5.50 -0.61 7.07	7.43 -0.52 3.54	7.98 -0.32 0.00	10.94 -0.45 0.19	10.84 -0.70 6.46	22.78 -0.70 0.00	25.54 -0.76 0.00	28.50 -0.55 0.00	26.88 -0.49 0.00	25.10 -0.33 0.00	20.78 -0.34 0.00
NEG NORTH___LWR_SARANAC 23913	-0.56 -0.27 5.39	-0.54 -0.30 5.90	-0.54 -0.28 6.28	-0.56 -0.28 5.38	-0.55 -0.25 5.38	-0.54 -0.35 6.62	-0.42 -0.61 11.47	-0.46 -0.36 7.14	0.01 -0.30 5.31	0.01 -0.63 10.99	10.71 -0.75 2.35	4.88 -0.72 8.00	4.73 -0.68 8.13	5.50 -0.61 7.07	7.43 -0.52 3.54	7.98 -0.32 0.00	10.94 -0.45 0.19	10.84 -0.70 6.46	22.78 -0.70 0.00	25.54 -0.76 0.00	28.50 -0.55 0.00	26.88 -0.49 0.00	25.10 -0.33 0.00	20.78 -0.34 0.00
NEG NORTH___PLATTSBURG 23628	-0.56 -0.27 5.39	-0.55 -0.31 5.90	-0.54 -0.29 6.28	-0.56 -0.28 5.38	-0.56 -0.26 5.38	-0.55 -0.36 6.62	-0.42 -0.61 11.47	-0.46 -0.36 7.14	0.01 -0.30 5.31	0.01 -0.63 10.99	10.71 -0.75 2.35	4.88 -0.72 8.00	4.73 -0.68 8.13	5.50 -0.61 7.07	7.43 -0.52 3.54	7.98 -0.32 0.00	10.94 -0.45 0.19	10.84 -0.70 6.46	22.78 -0.70 0.00	25.54 -0.76 0.00	28.50 -0.55 0.00	26.88 -0.49 0.00	25.10 -0.33 0.00	20.77 -0.34 0.00
NEG WEST_LEA_LOCKPORT 23791	10.04 0.14 -4.80	9.98 0.15 -4.17	9.94 0.14 -3.77	9.04 0.14 -3.80	8.95 0.10 -3.76	9.99 0.19 -3.38	14.06 0.30 -2.11	11.38 0.09 -4.25	10.75 0.02 -5.12	15.41 -0.07 -3.85	17.04 -0.18 -3.41	17.03 -0.16 -3.59	17.27 -0.15 -3.88	17.03 -0.12 -3.97	15.99 -0.05 -4.55	13.98 -0.07 -5.76	17.02 -0.02 -5.45	23.07 -0.18 -5.25	30.02 -0.47 -7.01	30.17 -0.58 -4.44	29.11 -0.84 -0.90	27.31 -0.82 -0.76	25.02 -0.41 0.00	21.39 0.27 0.00
NEG WEST___LANCASTR 23811	10.29 0.00 -5.19	10.16 -0.01 -4.51	10.08 -0.02 -4.08	9.21 -0.01 -4.12	9.11 -0.04 -4.06	10.08 0.01 -3.66	13.93 0.00 -2.28	11.59 -0.05 -4.59	11.06 -0.10 -5.54	15.52 -0.28 -4.17	17.08 -0.41 -3.68	17.08 -0.41 -3.89	17.36 -0.38 -4.20	17.11 -0.36 -4.29	16.13 -0.28 -4.92	14.27 -0.25 -6.23	17.21 -0.28 -5.90	23.18 -0.50 -5.68	30.24 -0.82 -7.58	30.14 -0.97 -4.81	28.78 -1.25 -0.98	27.02 -1.18 -0.82	25.83 0.41 0.00	22.06 0.95 0.00
NEG_PENN_ALLEGHNY 23528	13.00 0.18 -7.72	12.58 0.21 -6.71	12.32 0.22 -6.08	11.42 0.19 -6.13	11.32 0.18 -6.05	12.12 0.25 -5.44	15.50 0.45 -3.40	14.16 0.27 -6.84	14.07 0.21 -8.25	18.25 0.42 -6.21	19.78 0.48 -5.49	19.87 0.48 -5.79	20.28 0.49 -6.26	20.04 0.47 -6.39	19.21 0.40 -7.32	17.84 0.27 -9.27	20.76 0.39 -8.78	27.05 0.59 -8.45	35.52 0.75 -11.29	34.30 0.84 -7.16	31.35 0.84 -1.45	29.39 0.79 -1.22	26.32 0.89 0.00	21.96 0.85 0.00
NEG___GEN_MONROE 24207	9.52 0.15 -4.27	9.53 0.16 -3.71	9.54 0.16 -3.36	8.63 0.14 -3.39	8.56 0.12 -3.34	9.64 0.21 -3.01	13.89 0.36 -1.88	11.02 0.20 -3.78	10.31 0.13 -4.56	15.29 0.23 -3.43	17.06 0.22 -3.03	17.02 0.22 -3.20	17.21 0.22 -3.46	16.91 0.20 -3.53	15.72 0.18 -4.05	13.54 0.12 -5.13	16.67 0.23 -4.85	22.97 0.29 -4.67	29.96 0.23 -6.24	30.55 0.29 -3.96	30.00 0.15 -0.80	28.08 0.03 -0.68	25.48 0.05 0.00	21.45 0.34 0.00
NEPA___ENERGY 23901	10.52 0.17 -5.25	10.40 0.18 -4.56	10.33 0.17 -4.13	9.43 0.16 -4.16	9.33 0.13 -4.11	10.33 0.21 -3.70	14.33 0.37 -2.31	11.87 0.18 -4.65	11.30 0.08 -5.61	15.94 0.09 -4.22	17.57 0.03 -3.73	17.56 0.03 -3.94	17.84 0.05 -4.25	17.59 0.07 -4.35	16.54 0.08 -4.98	14.61 0.01 -6.30	17.63 0.07 -5.97	23.81 0.05 -5.74	31.04 -0.12 -7.67	31.01 -0.16 -4.87	29.69 -0.35 -0.99	27.87 -0.33 -0.83	25.86 0.43 0.00	22.00 0.89 0.00
NEVERSINK___HYD 23608	20.38 0.33 -14.95	19.00 0.36 -12.98	18.14 0.36 -11.76	17.27 0.31 -11.85	17.09 0.30 -11.70	17.33 0.38 -10.53	18.87 0.65 -6.57	20.68 0.40 -13.23	21.89 0.33 -15.95	24.35 0.67 -12.05	25.34 0.79 -10.75	25.71 0.76 -11.35	26.59 0.76 -12.30	26.46 0.72 -12.56	26.48 0.64 -14.36	26.96 0.48 -18.18	29.53 0.66 -17.28	35.94 1.15 -16.77	47.58 1.57 -22.52	42.45 1.74 -14.41	34.03 1.86 -3.11	31.77 1.78 -2.62	27.24 1.68 -0.13	22.42 1.31 0.00
NEWKRMKL_115KV_TB1 55635	26.26 0.21 -20.95	24.09 0.23 -18.20	22.75 0.25 -16.48	21.93 0.21 -16.61	21.70 0.21 -16.40	21.46 0.27 -14.76	21.36 0.50 -9.21	25.89 0.30 -18.55	28.21 0.24 -22.36	28.87 0.49 -16.75	28.99 0.58 -14.60	29.57 0.57 -15.40	30.69 0.58 -16.58	30.69 0.57 -16.95	31.45 0.49 -19.47	33.30 0.35 -24.66	35.31 0.50 -23.22	40.88 0.83 -22.05	53.79 1.10 -29.21	45.80 1.24 -18.26	33.68 1.31 -3.32	31.38 1.20 -2.80	26.23 1.07 0.27	21.98 0.87 0.00
NEWTON___FALLS_HYD 23847	6.55 -0.11 -1.56	7.04 -0.11 -1.49	7.37 -0.10 -1.45	6.36 -0.10 -1.36	6.34 -0.10 -1.35	7.69 -0.13 -1.40	9.75 -0.21 1.69	6.09 -0.20 0.76	5.56 -0.15 -0.09	8.60 -0.27 2.76	13.02 -0.23 0.56	9.77 -0.29 3.54	9.60 -0.38 3.55	9.83 -0.38 2.96	10.19 -0.33 0.96	9.29 -0.19 -1.18	12.31 -0.29 -1.02	15.22 -0.41 2.38	24.48 -0.45 -1.44	26.74 -0.47 -0.91	28.86 -0.38 -0.19	27.31 -0.22 -0.16	25.25 -0.18 0.00	20.88 -0.23 0.00
NGRID_A1_DSASP 323792	9.97 0.00 -4.87	9.93 0.04 -4.23	9.87 0.02 -3.83	9.00 0.04 -3.86	8.90 0.00 -3.81	9.92 0.06 -3.43	13.88 0.09 -2.14	11.34 -0.01 -4.31	10.73 -0.07 -5.19	15.28 -0.26 -3.91	16.86 -0.40 -3.46	16.87 -0.38 -3.65	17.11 -0.36 -3.94	16.88 -0.33 -4.03	15.85 -0.25 -4.61	13.92 -0.21 -5.84	16.88 -0.23 -5.53	22.81 -0.52 -5.32	29.67 -0.92 -7.10	29.68 -1.13 -4.51	28.57 -1.39 -0.92	26.83 -1.31 -0.77	24.51 -0.91 0.00	20.94 -0.17 0.00
NGRID_A2_DSASP 323793	9.97 0.00 -4.87	9.93 0.04 -4.23	9.87 0.02 -3.83	9.00 0.04 -3.86	8.90 0.00 -3.81	9.92 0.06 -3.43	13.88 0.09 -2.14	11.34 -0.01 -4.31	10.73 -0.07 -5.19	15.28 -0.26 -3.91	16.86 -0.40 -3.46	16.87 -0.38 -3.65	17.11 -0.36 -3.94	16.88 -0.33 -4.03	15.85 -0.25 -4.61	13.92 -0.21 -5.84	16.88 -0.23 -5.53	22.81 -0.52 -5.32	29.67 -0.92 -7.10	29.68 -1.13 -4.51	28.57 -1.39 -0.92	26.83 -1.31 -0.77	24.51 -0.91 0.00	20.94 -0.17 0.00

NGRID_A4_DSASP 323807	9.97 0.00 -4.87	9.93 0.04 -4.23	9.87 0.02 -3.83	9.00 0.04 -3.86	8.90 0.00 -3.81	9.92 0.06 -3.43	13.88 0.09 -2.14	11.34 -0.01 -4.31	10.73 -0.07 -5.19	15.28 -0.26 -3.91	16.86 -0.40 -3.46	16.87 -0.38 -3.65	17.11 -0.36 -3.94	16.88 -0.33 -4.03	15.85 -0.25 -4.61	13.92 -0.21 -5.84	16.88 -0.23 -5.53	22.81 -0.52 -5.32	29.67 -0.92 -7.10	29.68 -1.13 -4.51	28.57 -1.39 -0.92	26.83 -1.31 -0.77	24.51 -0.91 0.00	20.94 -0.17 0.00
NIAGARA_115E_LBMP 323715	10.01 0.06 -4.86	9.99 0.11 -4.22	9.94 0.10 -3.82	9.05 0.10 -3.85	8.96 0.07 -3.80	9.98 0.14 -3.42	13.96 0.17 -2.14	11.33 -0.01 -4.30	10.73 -0.07 -5.19	15.29 -0.24 -3.90	16.87 -0.39 -3.45	16.88 -0.37 -3.64	17.12 -0.35 -3.93	16.87 -0.33 -4.02	15.86 -0.23 -4.61	13.93 -0.19 -5.83	16.90 -0.21 -5.52	22.85 -0.47 -5.31	29.69 -0.89 -7.10	29.78 -1.03 -4.50	28.63 -1.34 -0.91	26.85 -1.29 -0.77	24.59 -0.84 0.00	21.07 -0.04 0.00
NIAGARA_115W_LBMP 323714	9.95 -0.02 -4.87	9.91 0.02 -4.23	9.86 0.01 -3.83	8.98 0.02 -3.86	8.89 -0.01 -3.81	9.90 0.05 -3.43	13.85 0.06 -2.14	11.32 -0.04 -4.31	10.71 -0.09 -5.19	15.26 -0.28 -3.91	16.84 -0.43 -3.45	16.83 -0.42 -3.65	17.08 -0.39 -3.94	16.83 -0.37 -4.03	15.82 -0.28 -4.61	13.90 -0.22 -5.83	16.85 -0.27 -5.53	22.75 -0.58 -5.32	29.60 -0.99 -7.10	29.60 -1.21 -4.51	28.52 -1.45 -0.91	26.75 -1.39 -0.77	24.44 -0.99 0.00	20.88 -0.23 0.00
NIAGARA_230_LBMP 323716	10.00 0.06 -4.84	9.97 0.10 -4.21	9.92 0.08 -3.81	9.03 0.09 -3.84	8.95 0.06 -3.79	9.97 0.14 -3.41	13.99 0.21 -2.13	11.39 0.06 -4.29	10.77 -0.01 -5.17	15.40 -0.12 -3.89	17.00 -0.25 -3.44	17.00 -0.23 -3.63	17.24 -0.22 -3.92	17.00 -0.18 -4.01	15.96 -0.11 -4.59	14.00 -0.11 -5.81	17.00 -0.09 -5.51	23.00 -0.31 -5.30	29.93 -0.63 -7.08	30.00 -0.79 -4.49	28.92 -1.04 -0.91	27.13 -1.01 -0.77	24.82 -0.61 0.00	21.20 0.08 0.00
NIAGARA__115KV_198_GIBSON 55903	9.99 0.03 -4.87	9.91 0.02 -4.23	9.86 0.01 -3.83	8.98 0.02 -3.86	8.89 -0.01 -3.81	9.89 0.04 -3.43	13.85 0.06 -2.14	11.32 -0.04 -4.31	10.72 -0.09 -5.19	15.26 -0.28 -3.91	16.84 -0.43 -3.45	16.83 -0.42 -3.65	17.08 -0.39 -3.94	16.83 -0.37 -4.03	15.82 -0.28 -4.61	13.90 -0.23 -5.83	16.85 -0.27 -5.53	22.75 -0.58 -5.32	29.60 -0.99 -7.10	29.60 -1.21 -4.51	28.52 -1.45 -0.91	26.75 -1.40 -0.77	24.44 -0.99 0.00	20.88 -0.23 0.00
NIAGARA____ 23760	10.02 0.06 -4.86	9.98 0.10 -4.22	9.93 0.08 -3.83	9.05 0.09 -3.86	8.96 0.06 -3.81	9.98 0.14 -3.43	14.00 0.21 -2.14	11.40 0.06 -4.30	10.79 -0.01 -5.19	15.41 -0.12 -3.91	17.01 -0.25 -3.45	17.01 -0.23 -3.64	17.25 -0.22 -3.93	17.01 -0.18 -4.02	15.98 -0.11 -4.61	14.02 -0.11 -5.83	17.02 -0.09 -5.52	23.01 -0.31 -5.31	29.94 -0.63 -7.09	30.01 -0.79 -4.50	28.92 -1.04 -0.91	27.13 -1.01 -0.77	24.82 -0.61 0.00	21.20 0.08 0.00
NINE_MILE_1 23575	7.68 -0.08 -2.66	7.89 -0.08 -2.31	8.03 -0.09 -2.09	7.14 -0.07 -2.11	7.10 -0.08 -2.08	8.21 -0.08 -1.87	12.67 -0.15 -1.17	9.31 -0.09 -2.35	8.38 -0.07 -2.84	13.61 -0.15 -2.14	15.50 -0.19 -1.89	15.40 -0.19 -1.99	15.51 -0.18 -2.15	15.21 -0.17 -2.20	13.86 -0.15 -2.52	11.37 -0.12 -3.19	14.46 -0.15 -3.02	20.65 -0.27 -2.91	26.97 -0.40 -3.89	28.32 -0.45 -2.46	29.03 -0.52 -0.50	27.27 -0.52 -0.42	24.92 -0.51 0.00	20.73 -0.38 0.00
NINE_MILE_2 23744	7.67 -0.08 -2.65	7.88 -0.08 -2.30	8.02 -0.09 -2.08	7.13 -0.07 -2.10	7.09 -0.08 -2.07	8.20 -0.08 -1.87	12.66 -0.15 -1.16	9.30 -0.09 -2.34	8.37 -0.07 -2.83	13.60 -0.15 -2.13	15.50 -0.19 -1.88	15.40 -0.19 -1.98	15.50 -0.18 -2.14	15.20 -0.17 -2.19	13.84 -0.15 -2.51	11.36 -0.12 -3.18	14.45 -0.15 -3.01	20.63 -0.27 -2.90	26.95 -0.40 -3.87	28.31 -0.45 -2.45	29.03 -0.52 -0.50	27.27 -0.52 -0.42	24.92 -0.51 0.00	20.73 -0.38 0.00
NM_CAPITAL____DRP 24208	26.21 0.21 -20.91	24.05 0.23 -18.16	22.72 0.25 -16.45	21.89 0.21 -16.58	21.67 0.21 -16.37	21.42 0.27 -14.73	21.34 0.50 -9.19	25.85 0.30 -18.51	28.16 0.23 -22.32	28.81 0.48 -16.71	28.93 0.58 -14.54	29.51 0.57 -15.33	30.60 0.57 -16.50	30.60 0.55 -16.87	31.36 0.48 -19.39	33.19 0.35 -24.55	35.20 0.50 -23.11	40.74 0.83 -21.91	53.56 1.08 -28.99	45.61 1.21 -18.10	33.60 1.31 -3.24	31.31 1.20 -2.74	26.20 1.07 0.29	21.98 0.87 0.00
NM_CENTRAL____DRP 24181	8.78 0.07 -3.62	8.87 0.07 -3.14	8.94 0.07 -2.84	8.03 0.06 -2.87	7.97 0.05 -2.83	9.06 0.09 -2.55	13.40 0.16 -1.59	10.36 0.11 -3.20	9.56 0.08 -3.86	14.71 0.17 -2.91	16.58 0.21 -2.57	16.52 0.20 -2.71	16.68 0.22 -2.93	16.38 0.21 -2.99	15.08 0.17 -3.43	12.75 0.12 -4.34	15.87 0.17 -4.11	22.21 0.25 -3.96	29.05 0.28 -5.28	29.97 0.32 -3.35	30.00 0.26 -0.68	28.16 0.22 -0.57	25.61 0.18 0.00	21.30 0.19 0.00
NM_FRONTIER____DRP 24179	9.99 0.03 -4.87	9.91 0.02 -4.23	9.86 0.01 -3.83	8.98 0.02 -3.86	8.89 -0.01 -3.81	9.89 0.04 -3.43	13.85 0.06 -2.14	11.32 -0.04 -4.31	10.72 -0.09 -5.19	15.26 -0.28 -3.91	16.84 -0.43 -3.45	16.83 -0.42 -3.65	17.08 -0.39 -3.94	16.83 -0.37 -4.03	15.82 -0.28 -4.61	13.90 -0.23 -5.83	16.85 -0.27 -5.53	22.75 -0.58 -5.32	29.60 -0.99 -7.10	29.60 -1.21 -4.51	28.52 -1.45 -0.91	26.75 -1.40 -0.77	24.44 -0.99 0.00	20.88 -0.23 0.00
NM_ST_REGIS____HYD 24053	6.79 -0.21 -1.90	7.40 -0.23 -1.97	7.84 -0.21 -2.03	6.69 -0.21 -1.80	6.69 -0.19 -1.79	8.22 -0.28 -2.08	8.67 -0.47 2.51	4.95 -0.30 1.79	4.69 -0.22 0.70	6.36 -0.45 4.81	11.70 -0.50 1.61	6.74 -0.54 6.32	6.48 -0.66 6.40	7.05 -0.63 5.50	8.43 -0.56 2.49	8.52 -0.36 -0.59	11.41 -0.57 -0.39	12.26 -0.88 4.86	23.19 -1.01 -0.72	25.62 -1.13 -0.45	28.16 -0.99 -0.09	26.76 -0.68 -0.08	24.92 -0.51 0.00	20.63 -0.49 0.00
NORTHPORT____1 23551	22.79 0.43 -17.26	21.15 0.50 -14.99	20.04 0.45 -13.57	19.20 0.41 -13.69	19.01 0.41 -13.51	19.14 0.56 -12.16	20.00 0.77 -7.59	22.88 0.56 -15.28	24.47 0.44 -18.42	26.37 0.79 -13.96	27.30 0.95 -12.54	27.75 0.90 -13.25	28.67 0.74 -14.39	28.67 0.80 -14.69	28.92 0.67 -16.76	29.95 0.50 -21.16	32.28 0.52 -20.17	38.16 0.76 -19.40	50.81 1.08 -26.24	44.72 1.21 -17.21	34.32 1.42 -3.84	32.07 1.50 -3.20	27.75 2.14 -0.19	23.04 1.92 0.00
NORTHPORT____2 23552	22.79 0.43 -17.26	21.15 0.50 -14.99	20.04 0.45 -13.57	19.20 0.41 -13.69	19.01 0.41 -13.51	19.14 0.56 -12.16	20.00 0.77 -7.59	22.88 0.56 -15.28	24.47 0.44 -18.42	26.37 0.79 -13.96	27.30 0.95 -12.54	27.75 0.90 -13.25	28.67 0.74 -14.39	28.67 0.80 -14.69	28.92 0.67 -16.76	29.95 0.50 -21.16	32.28 0.52 -20.17	38.16 0.76 -19.40	50.81 1.08 -26.24	44.72 1.21 -17.21	34.32 1.42 -3.84	32.07 1.50 -3.20	27.75 2.14 -0.19	23.04 1.92 0.00
NORTHPORT____3 23553	22.77 0.41 -17.26	21.13 0.49 -14.99	20.03 0.43 -13.57	19.19 0.40 -13.69	19.00 0.40 -13.51	19.13 0.55 -12.16	19.98 0.75 -7.59	22.85 0.53 -15.28	24.46 0.42 -18.42	26.38 0.80 -13.96	27.30 0.95 -12.54	27.78 0.93 -13.25	28.74 0.81 -14.39	28.72 0.86 -14.69	28.97 0.72 -16.77	30.00 0.54 -21.16	32.36 0.61 -20.16	38.33 0.94 -19.39	50.96 1.24 -26.24	44.89 1.39 -17.20	34.48 1.60 -3.83	32.34 1.78 -3.19	28.00 2.39 -0.18	22.95 1.84 0.00

NORTHPORT___4 23650	22.77 0.41 -17.26	21.13 0.49 -14.99	20.03 0.43 -13.57	19.19 0.40 -13.69	19.00 0.40 -13.51	19.13 0.55 -12.16	19.98 0.75 -7.59	22.85 0.53 -15.28	24.46 0.42 -18.42	26.38 0.80 -13.96	27.30 0.95 -12.54	27.78 0.93 -13.25	28.74 0.81 -14.39	28.72 0.86 -14.69	28.97 0.72 -16.77	30.00 0.54 -21.16	32.36 0.61 -20.16	38.33 0.94 -19.39	50.96 1.24 -26.24	44.89 1.39 -17.20	34.48 1.60 -3.83	32.34 1.78 -3.19	28.00 2.39 -0.18	22.95 1.84 0.00
NORTHPORT___IC 23718	22.79 0.43 -17.26	21.15 0.50 -14.99	20.04 0.45 -13.57	19.20 0.41 -13.69	19.01 0.41 -13.51	19.14 0.56 -12.16	20.00 0.77 -7.59	22.88 0.56 -15.28	24.47 0.44 -18.42	26.37 0.79 -13.96	27.30 0.95 -12.54	27.75 0.90 -13.25	28.67 0.74 -14.39	28.67 0.80 -14.69	28.92 0.67 -16.76	29.95 0.50 -21.16	32.28 0.52 -20.17	38.16 0.76 -19.40	50.81 1.08 -26.24	44.72 1.21 -17.21	34.32 1.42 -3.84	32.07 1.50 -3.20	27.75 2.14 -0.19	23.04 1.92 0.00
NORTH___COUNTRY_ESR 323785	-0.93 -0.35 5.68	-0.96 -0.40 6.22	-0.99 -0.40 6.62	-0.93 -0.36 5.67	-0.93 -0.35 5.68	-1.02 -0.46 6.97	-0.90 -0.82 11.73	-0.72 -0.49 7.27	-0.20 -0.39 5.43	-0.26 -0.80 11.08	10.57 -0.93 2.32	4.83 -0.88 7.89	4.67 -0.85 8.02	5.42 -0.79 6.97	7.32 -0.68 3.49	7.85 -0.44 0.00	10.78 -0.61 0.19	10.68 -0.95 6.37	22.43 -1.06 0.00	25.17 -1.13 0.00	28.10 -0.96 0.00	26.52 -0.85 0.00	24.74 -0.69 0.00	20.52 -0.59 0.00
NPX_GEN_1385_PROXY 323591	22.70 0.35 -17.26	21.05 0.41 -14.99	19.94 0.34 -13.57	19.12 0.33 -13.69	18.92 0.32 -13.51	19.04 0.46 -12.16	19.82 0.58 -7.59	22.82 0.50 -15.28	24.37 0.34 -18.42	23.80 0.44 -11.73	24.30 0.54 -9.95	25.10 0.49 -11.01	25.30 0.34 -11.43	27.20 0.41 -13.61	28.00 0.32 -16.19	29.72 0.27 -21.16	31.90 0.17 -20.14	37.71 0.31 -19.40	47.80 0.37 -23.94	42.00 0.42 -15.28	32.10 0.58 -2.47	31.31 0.74 -3.20	27.06 1.45 -0.19	22.70 1.58 0.00
NPX_GEN_CSC 323557	22.94 0.58 -17.26	21.31 0.67 -14.99	20.20 0.60 -13.57	19.34 0.55 -13.69	19.15 0.55 -13.51	19.33 0.75 -12.16	20.31 1.07 -7.59	23.07 0.75 -15.28	24.63 0.59 -18.42	26.71 1.13 -13.96	27.70 1.35 -12.54	28.16 1.31 -13.25	29.09 1.16 -14.39	29.10 1.23 -14.70	29.29 1.03 -16.77	36.64 0.79 -27.56	39.26 0.97 -26.70	72.96 1.49 -53.46	90.16 2.04 -64.63	45.87 2.29 -17.29	40.88 2.58 -9.24	40.78 2.57 -10.83	36.86 3.05 -8.38	23.70 2.57 -0.01
NSINS_S_GLNS_FALLS 23858	26.82 0.33 -21.39	24.60 0.36 -18.58	23.27 0.42 -16.83	22.42 0.35 -16.97	22.19 0.35 -16.75	21.93 0.44 -15.08	21.89 0.84 -9.41	26.49 0.51 -18.94	28.87 0.42 -22.84	29.62 0.88 -17.11	29.79 1.05 -14.93	30.38 1.03 -15.74	31.49 1.00 -16.95	31.50 0.99 -17.33	32.15 0.76 -19.91	34.02 0.51 -25.21	36.11 0.76 -23.76	41.84 1.26 -22.58	55.10 1.69 -29.92	46.97 1.95 -18.73	34.49 2.00 -3.43	32.02 1.75 -2.90	26.62 1.45 0.25	22.25 1.14 0.00
NUCOR_STEEL___DRP 24197	9.60 0.16 -4.34	9.62 0.19 -3.77	9.63 0.19 -3.41	8.71 0.17 -3.44	8.65 0.16 -3.40	9.72 0.24 -3.06	13.99 0.43 -1.91	11.17 0.28 -3.84	10.47 0.22 -4.63	15.56 0.44 -3.49	17.40 0.51 -3.08	17.36 0.50 -3.25	17.57 0.51 -3.52	17.28 0.51 -3.59	16.02 0.42 -4.11	13.80 0.30 -5.21	16.96 0.44 -4.93	23.42 0.67 -4.75	30.70 0.87 -6.34	31.27 0.95 -4.02	30.80 0.93 -0.82	28.91 0.85 -0.69	26.19 0.76 0.00	21.79 0.68 0.00
NUMBER_THREE_WT_PWR 323818	6.68 0.01 -1.57	7.10 0.02 -1.42	7.38 0.02 -1.33	6.41 0.01 -1.29	6.38 0.01 -1.28	7.68 0.02 -1.24	11.54 0.08 0.19	7.50 -0.10 -0.56	6.60 -0.07 -1.05	11.25 -0.09 0.28	14.30 0.04 -0.45	12.98 0.03 0.65	12.91 -0.03 0.60	12.78 -0.04 0.36	11.96 -0.05 -0.52	9.92 0.06 -1.57	13.13 0.09 -1.45	18.32 0.20 -0.11	25.73 0.33 -1.91	27.93 0.42 -1.21	29.82 0.52 -0.25	28.07 0.49 -0.21	25.81 0.38 0.00	21.32 0.21 0.00
NYISO_LBMP_REFERENCE 24008	5.10 0.00 0.00	5.66 0.00 0.00	6.02 0.00 0.00	5.10 0.00 0.00	5.09 0.00 0.00	6.42 0.00 0.00	11.65 0.00 0.00	7.04 0.00 0.00	5.61 0.00 0.00	11.63 0.00 0.00	13.81 0.00 0.00	13.60 0.00 0.00	13.54 0.00 0.00	13.18 0.00 0.00	11.48 0.00 0.00	8.29 0.00 0.00	11.59 0.00 0.00	18.01 0.00 0.00	23.49 0.00 0.00	26.30 0.00 0.00	29.05 0.00 0.00	27.37 0.00 0.00	25.43 0.00 0.00	21.11 0.00 0.00
NYPA_BRENTWD___GT 24164	22.86 0.50 -17.26	21.23 0.58 -14.99	20.12 0.52 -13.57	19.27 0.48 -13.69	19.08 0.47 -13.51	19.23 0.65 -12.16	20.15 0.91 -7.59	22.96 0.64 -15.28	24.55 0.51 -18.42	26.53 0.95 -13.96	27.50 1.15 -12.54	27.95 1.10 -13.25	28.87 0.95 -14.39	28.87 1.00 -14.69	29.10 0.85 -16.77	31.64 0.64 -22.71	34.09 0.75 -21.75	46.81 1.15 -27.65	60.62 1.60 -35.54	45.31 1.79 -17.22	36.26 2.06 -5.14	34.50 2.08 -5.05	30.19 2.59 -2.17	23.35 2.24 0.00
NYPA_GOWANUS___GT5 24156	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.96 0.73 -7.58	22.78 0.46 -15.27	24.39 0.37 -18.41	26.35 0.78 -13.95	27.24 0.90 -12.53	27.73 0.88 -13.24	28.78 0.87 -14.38	28.70 0.84 -14.68	29.00 0.76 -16.76	30.06 0.54 -21.22	32.55 0.73 -20.23	38.98 1.19 -19.78	51.69 1.53 -26.68	45.20 1.71 -17.20	34.83 1.89 -3.89	32.51 1.86 -3.28	27.53 1.83 -0.27	22.63 1.52 0.00
NYPA_GOWANUS___GT6 24157	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.96 0.73 -7.58	22.78 0.46 -15.27	24.39 0.37 -18.41	26.35 0.78 -13.95	27.24 0.90 -12.53	27.73 0.88 -13.24	28.78 0.87 -14.38	28.70 0.84 -14.68	29.00 0.76 -16.76	30.06 0.54 -21.22	32.55 0.73 -20.23	38.98 1.19 -19.78	51.69 1.53 -26.68	45.20 1.71 -17.20	34.83 1.89 -3.89	32.51 1.86 -3.28	27.53 1.83 -0.27	22.63 1.52 0.00
NYPA_HARLEM__RVR__GT1 24160	22.72 0.37 -17.25	21.06 0.41 -14.99	19.98 0.38 -13.57	19.11 0.33 -13.68	18.92 0.32 -13.51	18.98 0.40 -12.16	19.86 0.63 -7.58	22.71 0.39 -15.27	24.34 0.32 -18.41	26.22 0.65 -13.95	27.09 0.75 -12.53	27.58 0.73 -13.24	28.65 0.73 -14.38	28.55 0.70 -14.68	28.86 0.62 -16.76	29.96 0.45 -21.22	32.41 0.59 -20.23	38.76 0.97 -19.78	51.41 1.24 -26.68	44.89 1.39 -17.20	34.46 1.51 -3.89	32.15 1.50 -3.28	27.20 1.50 -0.27	22.51 1.39 0.00
NYPA_HARLEM__RVR__GT2 24161	22.72 0.37 -17.25	21.06 0.41 -14.99	19.98 0.38 -13.57	19.11 0.33 -13.68	18.92 0.32 -13.51	18.98 0.40 -12.16	19.86 0.63 -7.58	22.71 0.39 -15.27	24.34 0.32 -18.41	26.22 0.65 -13.95	27.09 0.75 -12.53	27.58 0.73 -13.24	28.65 0.73 -14.38	28.55 0.70 -14.68	28.86 0.62 -16.76	29.96 0.45 -21.22	32.41 0.59 -20.23	38.76 0.97 -19.78	51.41 1.24 -26.68	44.89 1.39 -17.20	34.46 1.51 -3.89	32.15 1.50 -3.28	27.20 1.50 -0.27	22.51 1.39 0.00
NYPA_KENT___GT 24152	22.74 0.38 -17.25	21.06 0.41 -14.99	19.98 0.39 -13.57	19.12 0.33 -13.68	18.93 0.33 -13.51	19.00 0.42 -12.16	19.94 0.71 -7.58	22.77 0.46 -15.27	24.39 0.36 -18.41	26.33 0.76 -13.95	27.21 0.87 -12.53	27.70 0.86 -13.24	28.76 0.84 -14.38	28.67 0.82 -14.68	28.96 0.72 -16.76	30.04 0.52 -21.22	32.53 0.71 -20.23	38.93 1.14 -19.78	51.62 1.46 -26.68	45.13 1.63 -17.20	34.72 1.77 -3.89	32.43 1.78 -3.28	27.45 1.75 -0.27	22.59 1.48 0.00

NYPA_POUCH1____GT 24155	22.75	21.08	20.00	19.13	18.94	19.02	19.97	22.78	24.41	26.36	27.25	27.74	28.80	28.71	29.01	30.06	32.56	38.98	51.69	45.20	34.81	32.54	27.56	22.65
	0.40	0.43	0.40	0.35	0.34	0.44	0.75	0.47	0.38	0.79	0.91	0.90	0.88	0.86	0.77	0.55	0.74	1.19	1.53	1.71	1.86	1.89	1.86	1.54
	-17.25	-14.99	-13.57	-13.68	-13.51	-12.16	-7.58	-15.27	-18.41	-13.95	-12.53	-13.24	-14.38	-14.68	-16.76	-21.22	-20.23	-19.78	-26.68	-17.20	-3.89	-3.28	-0.27	0.00
NYPA_VERNON____GT2 24162	22.72	21.04	19.98	19.11	18.92	19.00	19.93	22.76	24.38	26.30	27.18	27.67	28.73	28.65	28.94	30.02	32.49	38.89	51.58	45.07	34.66	32.37	27.40	22.55
	0.37	0.40	0.38	0.32	0.32	0.42	0.70	0.44	0.35	0.73	0.84	0.83	0.81	0.79	0.70	0.51	0.67	1.10	1.41	1.58	1.71	1.73	1.70	1.44
	-17.25	-14.99	-13.57	-13.68	-13.51	-12.16	-7.58	-15.27	-18.41	-13.95	-12.53	-13.24	-14.38	-14.68	-16.76	-21.22	-20.23	-19.78	-26.68	-17.20	-3.89	-3.28	-0.27	0.00
NYPA_VERNON____GT3 24163	22.72	21.04	19.98	19.11	18.92	19.00	19.93	22.76	24.38	26.30	27.18	27.67	28.73	28.65	28.94	30.02	32.49	38.89	51.58	45.07	34.66	32.37	27.40	22.55
	0.37	0.40	0.38	0.32	0.32	0.42	0.70	0.44	0.35	0.73	0.84	0.83	0.81	0.79	0.70	0.51	0.67	1.10	1.41	1.58	1.71	1.73	1.70	1.44
	-17.25	-14.99	-13.57	-13.68	-13.51	-12.16	-7.58	-15.27	-18.41	-13.95	-12.53	-13.24	-14.38	-14.68	-16.76	-21.22	-20.23	-19.78	-26.68	-17.20	-3.89	-3.28	-0.27	0.00
NYPA____ASTORIA_CC1 323568	22.72	21.04	19.97	19.11	18.92	19.00	19.91	22.74	24.37	26.28	27.15	27.65	28.71	28.62	28.92	30.01	32.48	38.85	51.55	45.05	34.60	32.32	27.35	22.53
	0.37	0.40	0.37	0.32	0.32	0.42	0.69	0.43	0.34	0.71	0.81	0.80	0.80	0.76	0.68	0.49	0.66	1.06	1.39	1.55	1.66	1.67	1.65	1.41
	-17.25	-14.99	-13.57	-13.68	-13.51	-12.16	-7.58	-15.27	-18.41	-13.95	-12.53	-13.24	-14.38	-14.68	-16.76	-21.22	-20.23	-19.78	-26.68	-17.20	-3.89	-3.28	-0.27	0.00
NYPA____ASTORIA_CC2 323569	22.72	21.04	19.97	19.11	18.92	19.00	19.91	22.74	24.37	26.28	27.15	27.65	28.71	28.62	28.92	30.01	32.48	38.85	51.55	45.05	34.60	32.32	27.35	22.53
	0.37	0.40	0.37	0.32	0.32	0.42	0.69	0.43	0.34	0.71	0.81	0.80	0.80	0.76	0.68	0.49	0.66	1.06	1.39	1.55	1.66	1.67	1.65	1.41
	-17.25	-14.99	-13.57	-13.68	-13.51	-12.16	-7.58	-15.27	-18.41	-13.95	-12.53	-13.24	-14.38	-14.68	-16.76	-21.22	-20.23	-19.78	-26.68	-17.20	-3.89	-3.28	-0.27	0.00
NYPA____HOLTSVILL 23794	22.87	21.24	20.13	19.28	19.09	19.25	20.17	22.98	24.56	26.56	27.52	27.98	28.91	28.91	29.14	36.59	39.13	73.01	90.14	45.43	40.47	40.44	36.59	23.40
	0.51	0.59	0.54	0.49	0.49	0.67	0.93	0.66	0.52	0.98	1.17	1.13	0.99	1.04	0.88	0.67	0.79	1.21	1.64	1.84	2.12	2.16	2.69	2.28
	-17.26	-14.99	-13.57	-13.69	-13.51	-12.16	-7.59	-15.28	-18.42	-13.96	-12.54	-13.25	-14.39	-14.70	-16.77	-27.62	-26.76	-53.79	-65.01	-17.29	-9.29	-10.91	-8.46	-0.01
NYPA____HELLGATE_GT1 24158	22.72	21.06	19.98	19.11	18.92	18.98	19.86	22.71	24.34	26.22	27.09	27.58	28.65	28.55	28.86	29.96	32.41	38.75	51.39	44.89	34.43	32.15	27.20	22.51
	0.37	0.41	0.38	0.33	0.32	0.40	0.63	0.39	0.32	0.65	0.75	0.73	0.73	0.70	0.62	0.45	0.59	0.95	1.22	1.39	1.48	1.50	1.50	1.39
	-17.25	-14.99	-13.57	-13.68	-13.51	-12.16	-7.58	-15.27	-18.41	-13.95	-12.53	-13.24	-14.38	-14.68	-16.76	-21.22	-20.23	-19.78	-26.68	-17.20	-3.89	-3.28	-0.27	0.00
NYPA____HELLGATE_GT2 24159	22.72	21.06	19.98	19.11	18.92	18.98	19.86	22.71	24.34	26.22	27.09	27.58	28.65	28.55	28.86	29.96	32.41	38.75	51.39	44.89	34.43	32.15	27.20	22.51
	0.37	0.41	0.38	0.33	0.32	0.40	0.63	0.39	0.32	0.65	0.75	0.73	0.73	0.70	0.62	0.45	0.59	0.95	1.22	1.39	1.48	1.50	1.50	1.39
	-17.25	-14.99	-13.57	-13.68	-13.51	-12.16	-7.58	-15.27	-18.41	-13.95	-12.53	-13.24	-14.38	-14.68	-16.76	-21.22	-20.23	-19.78	-26.68	-17.20	-3.89	-3.28	-0.27	0.00
NYS_BARGE____HYD 23848	9.97	9.96	9.92	9.02	8.94	9.98	14.05	11.36	10.72	15.39	17.02	17.02	17.25	17.01	15.96	13.95	16.99	23.07	29.99	30.14	29.11	27.31	25.02	21.37
	0.10	0.15	0.14	0.14	0.11	0.19	0.30	0.09	0.02	-0.07	-0.18	-0.16	-0.15	-0.12	-0.05	-0.07	-0.02	-0.16	-0.47	-0.58	-0.84	-0.82	-0.41	0.25
	-4.77	-4.15	-3.75	-3.78	-3.74	-3.36	-2.10	-4.23	-5.09	-3.83	-3.39	-3.58	-3.86	-3.95	-4.52	-5.73	-5.42	-5.22	-6.97	-4.42	-0.90	-0.76	0.00	0.00
OAK ORCHARD____HYD 24046	9.45	9.48	9.49	8.59	8.52	9.60	13.83	10.99	10.28	15.28	17.06	17.01	17.22	16.94	15.75	13.55	16.67	23.01	30.06	30.63	30.11	28.18	25.50	21.39
	0.11	0.14	0.13	0.12	0.11	0.19	0.31	0.18	0.13	0.24	0.23	0.23	0.24	0.25	0.24	0.16	0.25	0.36	0.37	0.40	0.26	0.14	0.08	0.27
	-4.25	-3.69	-3.34	-3.37	-3.32	-2.99	-1.87	-3.76	-4.53	-3.41	-3.02	-3.18	-3.44	-3.51	-4.02	-5.10	-4.83	-4.65	-6.20	-3.93	-0.80	-0.67	0.00	0.00
OAKDALE__35_KV_LOAD 356122	12.98	12.55	12.28	11.38	11.29	12.08	15.45	14.11	14.03	18.18	19.70	19.79	20.20	19.96	19.14	17.78	20.70	26.94	35.38	34.15	31.23	29.25	26.22	21.87
	0.17	0.19	0.19	0.17	0.16	0.22	0.41	0.25	0.19	0.36	0.41	0.41	0.42	0.41	0.34	0.23	0.35	0.50	0.63	0.71	0.73	0.66	0.79	0.76
	-7.71	-6.70	-6.06	-6.11	-6.04	-5.43	-3.39	-6.83	-8.23	-6.19	-5.47	-5.78	-6.24	-6.38	-7.31	-9.25	-8.76	-8.43	-11.26	-7.14	-1.45	-1.22	0.00	0.00
OCC_CHEM____DRP 24175	10.01	9.93	9.87	9.00	8.90	9.92	13.88	11.34	10.74	15.28	16.87	16.87	17.11	16.88	15.85	13.92	16.89	22.81	29.67	29.68	28.57	26.83	24.51	20.94
	0.04	0.04	0.02	0.04	0.00	0.06	0.09	-0.01	-0.07	-0.26	-0.40	-0.38	-0.37	-0.33	-0.25	-0.21	-0.23	-0.52	-0.92	-1.13	-1.39	-1.31	-0.92	-0.17
	-4.87	-4.23	-3.83	-3.86	-3.81	-3.43	-2.14	-4.31	-5.20	-3.91	-3.46	-3.65	-3.94	-4.03	-4.61	-5.84	-5.53	-5.33	-7.10	-4.51	-0.92	-0.77	0.00	0.00
OH_GEN_PROXY 24063	10.00	9.97	9.92	9.03	8.95	9.97	14.00	11.40	10.79	15.43	17.03	17.03	17.27	17.03	15.98	14.01	17.01	23.04	30.00	30.08	28.98	27.18	24.87	21.22
	0.06	0.10	0.08	0.09	0.06	0.14	0.22	0.07	0.00	-0.09	-0.22	-0.20	-0.19	-0.16	-0.09	-0.10	-0.08	-0.27	-0.56	-0.71	-0.99	-0.96	-0.56	0.11
	-4.84	-4.21	-3.81	-3.84	-3.79	-3.41	-2.13	-4.29	-5.17	-3.89	-3.44	-3.63	-3.92	-4.01	-4.59	-5.82	-5.51	-5.30	-7.08	-4.49	-0.91	-0.77	0.00	0.00
OLIN_CORP_DRP 24177	10.08	10.01	9.96	9.07	8.98	10.00	13.99	11.37	10.76	15.32	16.91	16.92	17.16	16.92	15.91	13.97	16.96	22.91	29.79	29.85	28.72	26.94	24.64	21.11
	0.10	0.11	0.10	0.10	0.07	0.14	0.20	0.01	-0.06	-0.22	-0.36	-0.34	-0.32	-0.29	-0.20	-0.17	-0.17	-0.43	-0.82	-0.97	-1.25	-1.20	-0.79	0.00
	-4.88	-4.24	-3.84	-3.87	-3.82	-3.44	-2.14	-4.32	-5.21	-3.92	-3.46	-3.66	-3.95	-4.04	-4.62	-5.85	-5.54	-5.34	-7.13	-4.52	-0.92	-0.77	0.00	0.00
OLIN_CORP_DSASP 323712	9.97	9.93	9.87	9.00	8.90	9.92	13.88	11.34	10.73	15.28	16.86	16.87	17.11	16.88	15.85	13.92	16.88	22.81	29.67	29.68	28.57	26.83	24.51	20.94
	0.00	0.04	0.02	0.04	0.00	0.06	0.09	-0.01	-0.07	-0.26	-0.40	-0.38	-0.36	-0.33	-0.25	-0.21	-0.23	-0.52	-0.92	-1.13	-1.39	-1.31	-0.91	-0.17
	-4.87	-4.23	-3.83	-3.86	-3.81	-3.43	-2.14	-4.31	-5.19	-3.91	-3.46	-3.65	-3.94	-4.03	-4.61	-5.84	-5.53	-5.32	-7.10	-4.51	-0.92	-0.77	0.00	0.00

ONEIDA_HERK_LFGE 323681	6.38 0.07 -1.21	6.83 0.09 -1.08	7.11 0.09 -1.00	6.16 0.08 -0.98	6.14 0.07 -0.97	7.43 0.10 -0.92	12.18 0.21 -0.32	7.93 0.06 -0.82	6.76 0.06 -1.09	12.33 0.17 -0.53	14.73 0.29 -0.64	14.22 0.27 -0.35	14.19 0.24 -0.41	13.89 0.22 -0.49	12.49 0.18 -0.82	9.77 0.17 -1.30	13.06 0.25 -1.22	19.25 0.43 -0.81	25.66 0.59 -1.59	27.99 0.68 -1.01	30.07 0.81 -0.20	28.28 0.74 -0.17	26.04 0.61 0.00	21.56 0.44 0.00
ONEIDA___115KV_TB4 55905	7.07 0.16 -1.81	7.42 0.19 -1.57	7.64 0.19 -1.43	6.70 0.16 -1.44	6.66 0.15 -1.42	7.90 0.21 -1.28	12.84 0.40 -0.80	8.87 0.22 -1.61	7.73 0.18 -1.94	13.50 0.42 -1.46	15.63 0.54 -1.29	15.49 0.53 -1.36	15.53 0.53 -1.47	15.16 0.49 -1.50	13.63 0.42 -1.72	10.79 0.32 -2.18	14.11 0.46 -2.06	20.73 0.74 -1.98	27.12 0.99 -2.65	29.11 1.13 -1.68	30.64 1.25 -0.34	28.78 1.12 -0.29	26.42 0.99 0.00	21.89 0.78 0.00
ONONDAGA_REF_OCCRA 23987	9.20 0.09 -4.01	9.24 0.10 -3.48	9.27 0.10 -3.15	8.37 0.09 -3.18	8.31 0.08 -3.14	9.37 0.12 -2.83	13.64 0.23 -1.76	10.74 0.15 -3.55	10.01 0.12 -4.28	15.09 0.24 -3.22	16.95 0.29 -2.85	16.89 0.29 -3.00	17.08 0.30 -3.25	16.78 0.29 -3.32	15.53 0.24 -3.80	13.27 0.17 -4.81	16.40 0.25 -4.56	22.75 0.36 -4.39	29.79 0.45 -5.86	30.51 0.50 -3.71	30.27 0.46 -0.75	28.42 0.41 -0.64	25.78 0.36 0.00	21.43 0.32 0.00
ONONDAGA___COGEN 23986	9.14 0.11 -3.94	9.20 0.12 -3.42	9.24 0.12 -3.10	8.33 0.11 -3.12	8.27 0.10 -3.08	9.34 0.15 -2.77	13.66 0.28 -1.73	10.71 0.18 -3.48	9.96 0.14 -4.20	15.08 0.29 -3.16	16.95 0.35 -2.79	16.89 0.34 -2.95	17.07 0.35 -3.19	16.78 0.34 -3.26	15.50 0.29 -3.73	13.22 0.20 -4.72	16.35 0.29 -4.47	22.73 0.41 -4.30	29.77 0.54 -5.75	30.53 0.58 -3.65	30.35 0.55 -0.74	28.49 0.49 -0.62	25.86 0.43 0.00	21.51 0.40 0.00
ONTARIO___LFGE 23819	9.94 0.17 -4.68	9.92 0.20 -4.06	9.91 0.20 -3.68	8.99 0.18 -3.71	8.92 0.17 -3.66	9.97 0.26 -3.30	14.18 0.48 -2.06	11.49 0.30 -4.14	10.84 0.23 -4.99	15.84 0.45 -3.76	17.63 0.50 -3.32	17.59 0.49 -3.50	17.81 0.49 -3.79	17.52 0.47 -3.87	16.33 0.41 -4.43	14.20 0.29 -5.61	17.34 0.44 -5.32	23.81 0.68 -5.12	31.21 0.89 -6.83	31.61 0.97 -4.33	30.83 0.90 -0.88	28.88 0.77 -0.74	26.22 0.79 0.00	21.90 0.78 0.00
ORANGEVILLE_WT_PWR 323706	10.57 0.08 -5.38	10.47 0.14 -4.68	10.38 0.12 -4.24	9.49 0.12 -4.27	9.39 0.08 -4.22	10.38 0.16 -3.80	14.28 0.27 -2.37	11.92 0.11 -4.77	11.40 0.04 -5.75	15.94 -0.01 -4.33	17.55 -0.08 -3.82	17.56 -0.08 -4.04	17.83 -0.07 -4.36	17.58 -0.05 -4.46	16.58 -0.01 -5.10	14.71 -0.05 -6.46	17.71 0.00 -6.12	23.81 -0.09 -5.89	31.09 -0.26 -7.87	31.00 -0.29 -4.99	29.60 -0.47 -1.01	27.79 -0.44 -0.85	25.53 0.10 0.00	21.68 0.57 0.00
ORANGEVILLE___ESR 323794	10.57 0.08 -5.38	10.47 0.14 -4.68	10.38 0.12 -4.24	9.49 0.12 -4.27	9.39 0.08 -4.22	10.38 0.16 -3.80	14.28 0.27 -2.37	11.92 0.11 -4.77	11.40 0.04 -5.75	15.94 -0.01 -4.33	17.55 -0.08 -3.82	17.56 -0.08 -4.04	17.83 -0.07 -4.36	17.58 -0.05 -4.46	16.58 -0.01 -5.10	14.71 -0.05 -6.46	17.71 0.00 -6.12	23.81 -0.09 -5.89	31.09 -0.26 -7.87	31.00 -0.29 -4.99	29.60 -0.47 -1.01	27.79 -0.44 -0.85	25.53 0.10 0.00	21.68 0.57 0.00
OSWEGATCHIE___HYD 24044	6.56 -0.10 -1.56	7.04 -0.11 -1.49	7.37 -0.10 -1.45	6.36 -0.10 -1.36	6.34 -0.10 -1.35	7.69 -0.14 -1.40	9.75 -0.21 1.69	6.09 -0.20 0.76	5.56 -0.15 -0.09	8.60 -0.27 2.76	13.02 -0.23 0.56	9.77 -0.29 3.54	9.60 -0.38 3.55	9.83 -0.38 2.96	10.19 -0.33 0.96	9.29 -0.19 -1.18	12.31 -0.29 -1.02	15.22 -0.41 2.38	24.48 -0.45 -1.44	26.74 -0.47 -0.91	28.86 -0.38 -0.19	27.31 -0.22 -0.16	25.25 -0.18 0.00	20.88 -0.23 0.00
OSWEGO___5 23606	7.69 -0.06 -2.64	7.90 -0.06 -2.30	8.04 -0.07 -2.08	7.15 -0.05 -2.10	7.11 -0.06 -2.07	8.23 -0.06 -1.86	12.71 -0.11 -1.16	9.33 -0.06 -2.34	8.39 -0.05 -2.82	13.65 -0.10 -2.12	15.56 -0.12 -1.88	15.46 -0.12 -1.98	15.56 -0.12 -2.14	15.25 -0.12 -2.19	13.89 -0.10 -2.51	11.39 -0.07 -3.17	14.49 -0.10 -3.01	20.70 -0.20 -2.89	27.07 -0.28 -3.86	28.44 -0.31 -2.45	29.17 -0.38 -0.50	27.41 -0.38 -0.42	25.05 -0.38 0.00	20.82 -0.30 0.00
OSWEGO___6 23613	7.69 -0.06 -2.64	7.90 -0.06 -2.30	8.04 -0.07 -2.08	7.15 -0.05 -2.10	7.11 -0.06 -2.07	8.23 -0.06 -1.86	12.71 -0.11 -1.16	9.33 -0.06 -2.34	8.39 -0.05 -2.82	13.65 -0.10 -2.12	15.56 -0.12 -1.88	15.46 -0.12 -1.98	15.56 -0.12 -2.14	15.25 -0.12 -2.19	13.89 -0.10 -2.51	11.39 -0.07 -3.17	14.49 -0.10 -3.01	20.70 -0.20 -2.89	27.07 -0.28 -3.86	28.44 -0.31 -2.45	29.17 -0.38 -0.50	27.41 -0.38 -0.42	25.05 -0.38 0.00	20.82 -0.30 0.00
OUTOKUMPU-AB___DRP 24206	10.14 0.14 -4.90	10.06 0.15 -4.25	10.02 0.14 -3.85	9.12 0.14 -3.88	9.03 0.10 -3.83	10.06 0.19 -3.45	14.12 0.31 -2.15	11.50 0.12 -4.34	10.88 0.03 -5.23	15.53 -0.03 -3.94	17.16 -0.12 -3.48	17.15 -0.12 -3.67	17.42 -0.08 -3.97	17.16 -0.07 -4.05	16.12 -0.01 -4.64	14.13 -0.04 -5.88	17.18 0.02 -5.57	23.26 -0.11 -5.36	30.26 -0.38 -7.15	30.34 -0.50 -4.54	29.25 -0.73 -0.92	27.46 -0.68 -0.78	25.20 -0.23 0.00	21.51 0.40 0.00
OXBOW___ 24026	10.04 0.06 -4.88	10.01 0.11 -4.24	9.96 0.09 -3.84	9.07 0.10 -3.87	8.98 0.06 -3.82	10.00 0.14 -3.44	14.02 0.22 -2.15	11.44 0.07 -4.32	10.81 -0.01 -5.21	15.43 -0.12 -3.92	17.04 -0.23 -3.47	17.04 -0.22 -3.66	17.30 -0.19 -3.95	17.05 -0.17 -4.04	16.01 -0.10 -4.63	14.05 -0.10 -5.86	17.05 -0.08 -5.55	23.08 -0.27 -5.34	30.02 -0.59 -7.13	30.09 -0.74 -4.52	28.98 -0.99 -0.92	27.21 -0.93 -0.77	24.92 -0.51 0.00	21.28 0.17 0.00
OXY_CHEM_DSASP 323612	10.01 0.04 -4.87	9.93 0.04 -4.23	9.87 0.02 -3.83	9.00 0.04 -3.86	8.90 0.00 -3.81	9.92 0.06 -3.43	13.88 0.09 -2.14	11.34 -0.01 -4.31	10.74 -0.07 -5.20	15.28 -0.26 -3.91	16.87 -0.40 -3.46	16.87 -0.38 -3.65	17.11 -0.37 -3.94	16.88 -0.33 -4.03	15.85 -0.25 -4.61	13.92 -0.21 -5.84	16.89 -0.23 -5.53	22.81 -0.52 -5.33	29.67 -0.92 -7.10	29.68 -1.13 -4.51	28.57 -1.39 -0.92	26.83 -1.31 -0.77	24.51 -0.92 0.00	20.94 -0.17 0.00
OZONE_PARK_ESR 323760	22.75 0.39 -17.25	21.08 0.43 -14.99	20.01 0.42 -13.57	19.14 0.36 -13.68	18.95 0.35 -13.51	19.06 0.48 -12.16	20.06 0.83 -7.59	22.84 0.52 -15.28	24.45 0.42 -18.42	26.45 0.87 -13.95	27.34 0.99 -12.54	27.83 0.98 -13.25	28.91 0.99 -14.39	28.81 0.95 -14.69	29.09 0.84 -16.76	30.13 0.61 -21.23	32.65 0.82 -20.24	39.13 1.33 -19.79	51.91 1.74 -26.69	45.45 1.95 -17.20	35.02 2.06 -3.90	32.71 2.05 -3.29	27.72 2.01 -0.28	22.72 1.60 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	10.01 0.04 -4.87	9.93 0.04 -4.23	9.87 0.02 -3.83	9.00 0.04 -3.86	8.90 0.00 -3.81	9.92 0.06 -3.43	13.88 0.09 -2.14	11.34 -0.01 -4.31	10.74 -0.07 -5.20	15.28 -0.26 -3.91	16.87 -0.40 -3.46	16.87 -0.38 -3.65	17.11 -0.37 -3.94	16.88 -0.33 -4.03	15.85 -0.25 -4.61	13.92 -0.21 -5.84	16.89 -0.23 -5.53	22.81 -0.52 -5.33	29.67 -0.92 -7.10	29.68 -1.13 -4.51	28.57 -1.39 -0.92	26.83 -1.31 -0.77	24.51 -0.92 0.00	20.94 -0.17 0.00

PACKARD__115KV_DUPONT_184 80571	10.01 0.04 -4.87	9.93 0.04 -4.23	9.87 0.02 -3.83	9.00 0.04 -3.86	8.90 0.00 -3.81	9.92 0.06 -3.43	13.88 0.09 -2.14	11.34 -0.01 -4.31	10.74 -0.07 -5.20	15.28 -0.26 -3.91	16.87 -0.40 -3.46	16.87 -0.38 -3.65	17.11 -0.37 -3.94	16.88 -0.33 -4.03	15.85 -0.25 -4.61	13.92 -0.21 -5.84	16.89 -0.23 -5.53	22.81 -0.52 -5.33	29.67 -0.92 -7.10	29.68 -1.13 -4.51	28.57 -1.39 -0.92	26.83 -1.31 -0.77	24.51 -0.92 0.00	20.94 -0.17 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	22.73 0.38 -17.25	21.06 0.42 -14.99	19.98 0.39 -13.57	19.12 0.33 -13.68	18.93 0.33 -13.51	18.99 0.40 -12.16	19.88 0.64 -7.59	22.72 0.40 -15.28	24.35 0.32 -18.42	26.24 0.66 -13.95	27.11 0.76 -12.54	27.60 0.75 -13.25	28.67 0.74 -14.39	28.58 0.71 -14.69	28.88 0.63 -16.76	29.98 0.46 -21.23	32.43 0.60 -20.24	38.79 0.99 -19.79	51.47 1.29 -26.69	44.95 1.45 -17.20	34.49 1.54 -3.90	32.22 1.56 -3.29	27.26 1.55 -0.28	22.53 1.41 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	22.78 0.42 -17.25	21.12 0.47 -14.99	20.04 0.44 -13.57	19.16 0.38 -13.68	18.98 0.38 -13.51	19.04 0.46 -12.16	19.98 0.75 -7.59	22.78 0.46 -15.28	24.40 0.37 -18.42	26.35 0.77 -13.95	27.22 0.87 -12.54	27.71 0.86 -13.25	28.78 0.85 -14.39	28.68 0.82 -14.69	28.97 0.72 -16.76	30.05 0.52 -21.23	32.52 0.70 -20.24	38.95 1.15 -19.79	51.68 1.50 -26.69	45.19 1.68 -17.20	34.76 1.80 -3.90	32.46 1.81 -3.29	27.49 1.78 -0.28	22.74 1.63 0.00
PATROON__115KV_TB1 80586	26.31 0.22 -20.99	24.14 0.24 -18.24	22.79 0.25 -16.51	21.97 0.21 -16.65	21.75 0.22 -16.44	21.49 0.28 -14.80	21.39 0.51 -9.23	25.93 0.30 -18.59	28.27 0.24 -22.41	28.91 0.50 -16.79	29.05 0.61 -14.63	29.62 0.60 -15.42	30.73 0.60 -16.60	30.74 0.59 -16.97	31.51 0.52 -19.51	33.36 0.36 -24.70	35.37 0.52 -23.26	40.95 0.86 -22.08	53.88 1.15 -29.24	45.87 1.29 -18.28	33.73 1.37 -3.31	31.43 1.26 -2.80	26.27 1.12 0.27	22.02 0.91 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	10.27 0.07 -5.11	10.16 0.07 -4.44	10.10 0.05 -4.02	9.22 0.06 -4.05	9.12 0.03 -4.00	10.11 0.09 -3.60	14.05 0.15 -2.25	11.60 0.04 -4.52	11.03 -0.03 -5.45	15.57 -0.16 -4.11	17.17 -0.26 -3.63	17.17 -0.26 -3.83	17.46 -0.22 -4.14	17.21 -0.20 -4.23	16.19 -0.14 -4.84	14.29 -0.14 -6.13	17.27 -0.13 -5.81	23.31 -0.29 -5.59	30.39 -0.56 -7.46	30.35 -0.68 -4.73	29.08 -0.93 -0.96	27.30 -0.88 -0.81	25.78 0.36 0.00	22.00 0.89 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	22.77 0.35 -17.32	21.08 0.37 -15.04	20.02 0.37 -13.62	19.16 0.32 -13.74	18.96 0.31 -13.56	19.03 0.40 -12.21	19.97 0.71 -7.61	22.84 0.46 -15.33	24.47 0.36 -18.49	26.37 0.76 -13.99	27.22 0.87 -12.54	27.69 0.84 -13.24	28.75 0.84 -14.37	28.65 0.80 -14.67	28.96 0.72 -16.75	30.05 0.53 -21.22	32.52 0.73 -20.21	38.96 1.24 -19.71	51.68 1.67 -26.53	45.25 1.89 -17.06	34.80 1.95 -3.80	32.49 1.92 -3.20	27.44 1.78 -0.23	22.49 1.37 0.00
PEEKSKILL____ 23653	22.38 0.32 -16.96	20.74 0.35 -14.74	19.71 0.34 -13.34	18.85 0.30 -13.45	18.66 0.29 -13.28	18.76 0.39 -11.96	19.78 0.68 -7.46	22.49 0.42 -15.02	24.06 0.34 -18.11	26.04 0.70 -13.72	26.95 0.81 -12.32	27.41 0.79 -13.02	28.46 0.78 -14.14	28.36 0.75 -14.43	28.62 0.67 -16.47	29.64 0.48 -20.87	32.12 0.65 -19.89	38.53 1.08 -19.44	51.11 1.41 -26.21	44.77 1.58 -16.89	34.56 1.68 -3.82	32.26 1.67 -3.22	27.30 1.60 -0.27	22.38 1.27 0.00
PGE MADISON__WINDPWR 24146	13.20 0.35 -7.75	12.82 0.44 -6.73	12.56 0.45 -6.09	11.62 0.38 -6.14	11.51 0.36 -6.07	12.38 0.49 -5.46	16.02 0.97 -3.41	14.47 0.57 -6.86	14.36 0.48 -8.27	18.93 1.08 -6.23	20.65 1.34 -5.50	20.70 1.29 -5.81	21.08 1.27 -6.27	20.77 1.19 -6.41	19.83 1.00 -7.34	18.32 0.73 -9.30	21.44 1.04 -8.81	28.18 1.69 -8.48	37.08 2.28 -11.32	36.11 2.63 -7.18	33.44 2.93 -1.46	31.23 2.63 -1.23	27.82 2.39 0.00	23.05 1.94 0.00
PIERCEFIELD__HYD 23852	6.30 -0.18 -1.38	6.86 -0.19 -1.39	7.26 -0.17 -1.41	6.20 -0.17 -1.27	6.19 -0.16 -1.26	7.60 -0.24 -1.42	8.25 -0.40 3.00	4.78 -0.26 2.01	4.53 -0.20 0.89	6.28 -0.40 4.95	11.86 -0.43 1.52	7.05 -0.49 6.07	6.76 -0.64 6.14	7.29 -0.62 5.27	8.58 -0.55 2.35	8.57 -0.36 -0.64	11.46 -0.58 -0.45	12.49 -0.88 4.63	23.21 -1.06 -0.78	25.61 -1.18 -0.50	28.11 -1.05 -0.10	26.74 -0.71 -0.08	24.92 -0.51 0.00	20.63 -0.49 0.00
PINELAWN_CC_1 323563	22.81 0.46 -17.26	21.18 0.53 -14.99	20.07 0.48 -13.57	19.23 0.44 -13.69	19.04 0.43 -13.51	19.17 0.59 -12.16	20.05 0.82 -7.59	22.90 0.58 -15.28	24.49 0.46 -18.42	26.45 0.87 -13.96	27.39 1.04 -12.54	27.86 1.01 -13.25	28.79 0.87 -14.39	28.79 0.92 -14.69	29.03 0.78 -16.77	30.58 0.60 -21.69	33.00 0.71 -20.71	41.34 1.10 -22.24	54.46 1.53 -29.45	45.20 1.68 -17.21	35.29 1.95 -4.29	33.18 1.97 -3.83	28.74 2.44 -0.87	23.14 2.03 0.00
PJM_GEN_HTP_PROXY 323702	22.71 0.36 -17.25	21.04 0.40 -14.99	19.98 0.39 -13.57	19.12 0.33 -13.68	18.93 0.33 -13.51	19.02 0.44 -12.16	20.00 0.77 -7.59	22.81 0.49 -15.28	24.42 0.39 -18.42	26.38 0.80 -13.95	27.26 0.91 -12.54	27.75 0.90 -13.25	28.82 0.89 -14.39	28.73 0.87 -14.69	29.02 0.77 -16.76	30.07 0.55 -21.23	32.57 0.74 -20.24	39.01 1.21 -19.79	51.73 1.55 -26.69	45.24 1.74 -17.20	34.82 1.86 -3.90	32.52 1.86 -3.29	27.54 1.83 -0.28	22.57 1.46 0.00
PJM_GEN_KEystone 24065	16.48 0.19 -11.20	15.60 0.22 -9.73	15.04 0.21 -8.81	14.17 0.19 -8.88	14.03 0.17 -8.77	14.56 0.25 -7.89	17.01 0.44 -4.92	17.21 0.25 -9.91	17.75 0.18 -11.95	21.00 0.34 -9.04	22.26 0.36 -8.09	22.50 0.35 -8.55	23.16 0.35 -9.27	22.99 0.34 -9.47	22.61 0.31 -10.82	22.19 0.20 -13.70	24.91 0.29 -13.04	31.16 0.45 -12.70	41.09 0.52 -17.09	37.83 0.55 -10.98	32.01 0.52 -2.43	29.94 0.52 -2.05	26.38 0.81 -0.14	21.96 0.85 0.00
PJM_GEN_NEPTUNE_PROXY 323594	22.74 0.38 -17.26	21.10 0.45 -14.99	20.00 0.40 -13.57	19.17 0.38 -13.69	18.97 0.37 -13.51	19.09 0.51 -12.16	19.92 0.69 -7.59	22.81 0.49 -15.28	24.42 0.39 -18.42	26.31 0.73 -13.96	27.22 0.87 -12.54	27.70 0.84 -13.25	28.66 0.73 -14.39	28.63 0.76 -14.69	28.90 0.65 -16.77	30.02 0.49 -21.23	32.41 0.58 -20.24	38.68 0.88 -19.79	51.40 1.22 -26.69	44.87 1.37 -17.21	34.52 1.57 -3.90	32.30 1.64 -3.29	27.77 2.06 -0.28	22.80 1.69 0.00
PJM_GEN_VFT_PROXY 323633	22.68 0.33 -17.25	21.01 0.37 -14.99	19.95 0.36 -13.57	19.09 0.31 -13.68	18.90 0.30 -13.51	18.99 0.40 -12.16	19.95 0.71 -7.59	22.77 0.45 -15.28	24.39 0.36 -18.42	26.32 0.74 -13.95	27.19 0.84 -12.54	27.68 0.83 -13.25	28.76 0.84 -14.39	28.67 0.80 -14.69	28.96 0.71 -16.76	30.03 0.51 -21.23	32.51 0.68 -20.24	38.88 1.08 -19.79	51.56 1.39 -26.69	45.06 1.55 -17.20	34.64 1.68 -3.90	32.38 1.73 -3.29	27.41 1.70 -0.28	22.47 1.35 0.00
PLATSBRG_115KV_PMLD1 355749	-0.54 -0.30 5.33	-0.52 -0.33 5.84	-0.51 -0.32 6.21	-0.53 -0.31 5.33	-0.52 -0.29 5.33	-0.51 -0.39 6.55	-0.44 -0.68 11.42	-0.48 -0.41 7.11	0.01 -0.33 5.28	-0.02 -0.67 10.97	10.68 -0.77 2.36	4.84 -0.73 8.03	4.68 -0.70 8.15	5.46 -0.63 7.09	7.41 -0.53 3.55	7.96 -0.33 0.00	10.92 -0.48 0.20	10.79 -0.74 6.48	22.71 -0.78 0.00	25.49 -0.82 0.00	28.44 -0.61 0.00	26.85 -0.52 0.00	25.07 -0.36 0.00	20.75 -0.36 0.00

PLEASANTVLY___LBMP 24000	23.30 0.28 -17.92	21.53 0.31 -15.57	20.43 0.31 -14.10	19.58 0.26 -14.21	19.38 0.25 -14.03	19.39 0.34 -12.63	20.13 0.61 -7.88	23.28 0.37 -15.87	25.04 0.29 -19.13	26.73 0.60 -14.50	27.56 0.70 -13.05	28.07 0.68 -13.79	29.19 0.68 -14.98	29.13 0.66 -15.29	29.51 0.57 -17.45	30.81 0.41 -22.10	33.23 0.57 -21.08	39.58 0.94 -20.64	52.56 1.22 -27.85	45.64 1.37 -17.97	34.64 1.48 -4.11	32.28 1.45 -3.46	27.14 1.40 -0.31	22.23 1.12 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	22.76 0.33 -17.34	21.08 0.36 -15.06	20.02 0.36 -13.64	19.16 0.31 -13.75	18.97 0.30 -13.58	19.04 0.40 -12.22	19.98 0.71 -7.62	22.84 0.44 -15.35	24.48 0.35 -18.51	26.38 0.73 -14.02	27.25 0.84 -12.60	27.74 0.83 -13.31	28.81 0.81 -14.46	28.73 0.79 -14.76	29.03 0.70 -16.84	30.13 0.51 -21.33	32.62 0.70 -20.34	39.03 1.13 -19.89	51.78 1.48 -26.82	45.24 1.66 -17.28	34.74 1.77 -3.92	32.42 1.75 -3.30	27.39 1.68 -0.28	22.44 1.33 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	22.76 0.33 -17.34	21.08 0.36 -15.06	20.02 0.36 -13.64	19.16 0.31 -13.75	18.97 0.30 -13.58	19.04 0.40 -12.22	19.98 0.71 -7.62	22.84 0.44 -15.35	24.48 0.35 -18.51	26.38 0.73 -14.02	27.25 0.84 -12.60	27.74 0.83 -13.31	28.81 0.81 -14.46	28.73 0.79 -14.76	29.03 0.70 -16.84	30.13 0.51 -21.33	32.62 0.70 -20.34	39.03 1.13 -19.89	51.78 1.48 -26.82	45.24 1.66 -17.28	34.74 1.77 -3.92	32.42 1.75 -3.30	27.39 1.68 -0.28	22.44 1.33 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	22.87 0.30 -17.47	21.16 0.33 -15.18	20.10 0.33 -13.74	19.24 0.28 -13.86	19.04 0.27 -13.68	19.09 0.36 -12.31	19.95 0.62 -7.68	22.89 0.38 -15.47	24.57 0.30 -18.65	26.25 0.62 -14.01	26.82 0.72 -12.30	27.28 0.71 -12.97	28.22 0.70 -13.98	28.15 0.69 -14.29	28.49 0.61 -16.39	29.49 0.44 -20.76	31.81 0.61 -19.61	37.79 1.04 -18.74	49.78 1.39 -24.91	43.54 1.55 -15.69	33.72 1.66 -3.01	31.50 1.59 -2.54	26.84 1.53 0.12	22.30 1.18 0.00
POLETTI____ 23519	22.71 0.36 -17.25	21.04 0.40 -14.99	19.98 0.39 -13.57	19.12 0.33 -13.68	18.93 0.33 -13.51	19.02 0.44 -12.16	20.00 0.77 -7.59	22.80 0.48 -15.28	24.41 0.38 -18.42	26.37 0.79 -13.95	27.25 0.90 -12.54	27.74 0.88 -13.25	28.80 0.88 -14.39	28.72 0.86 -14.69	29.01 0.76 -16.76	30.06 0.54 -21.23	32.56 0.73 -20.24	38.99 1.19 -19.79	51.70 1.53 -26.69	45.21 1.71 -17.20	34.78 1.83 -3.90	32.52 1.86 -3.29	27.54 1.83 -0.28	22.57 1.46 0.00
POMONA___ESR 323819	21.28 0.31 -15.87	19.79 0.35 -13.78	18.84 0.34 -12.48	17.98 0.29 -12.58	17.80 0.28 -12.42	17.98 0.38 -11.18	19.28 0.65 -6.98	21.50 0.41 -14.05	22.88 0.33 -16.94	25.12 0.67 -12.82	26.10 0.79 -11.50	26.51 0.76 -12.15	27.48 0.76 -13.19	27.38 0.74 -13.46	27.50 0.64 -15.37	28.22 0.46 -19.47	30.76 0.63 -18.54	37.15 1.04 -18.10	49.25 1.39 -24.38	43.54 1.55 -15.69	34.22 1.66 -3.51	31.95 1.61 -2.96	27.21 1.55 -0.23	22.34 1.22 0.00
PORT_JEFF_3 23555	22.88 0.52 -17.26	21.25 0.60 -14.99	20.13 0.54 -13.57	19.28 0.49 -13.69	19.09 0.49 -13.51	19.26 0.67 -12.16	20.18 0.94 -7.59	22.98 0.66 -15.28	24.56 0.53 -18.42	26.57 0.99 -13.96	27.54 1.19 -12.54	28.00 1.14 -13.25	28.93 1.00 -14.39	28.94 1.07 -14.70	29.15 0.90 -16.77	36.57 0.67 -27.60	39.11 0.78 -26.75	72.86 1.14 -53.72	89.96 1.55 -64.92	45.32 1.74 -17.29	40.37 2.03 -9.28	40.37 2.11 -10.89	36.57 2.69 -8.45	23.45 2.32 -0.01
PORT_JEFF_4 23616	22.88 0.52 -17.26	21.25 0.60 -14.99	20.13 0.54 -13.57	19.28 0.49 -13.69	19.09 0.49 -13.51	19.26 0.67 -12.16	20.18 0.94 -7.59	22.98 0.66 -15.28	24.56 0.53 -18.42	26.57 0.99 -13.96	27.54 1.19 -12.54	28.00 1.14 -13.25	28.93 1.00 -14.39	28.94 1.07 -14.70	29.15 0.90 -16.77	36.57 0.67 -27.60	39.11 0.78 -26.75	72.86 1.14 -53.72	89.96 1.55 -64.92	45.32 1.74 -17.29	40.37 2.03 -9.28	40.37 2.11 -10.89	36.57 2.69 -8.45	23.45 2.32 -0.01
PORT_JEFF_IC 23713	22.89 0.53 -17.26	21.26 0.61 -14.99	20.15 0.55 -13.57	19.29 0.51 -13.69	19.10 0.50 -13.51	19.26 0.68 -12.16	20.19 0.96 -7.59	23.00 0.68 -15.28	24.57 0.54 -18.42	26.59 1.01 -13.96	27.57 1.22 -12.54	28.02 1.17 -13.25	28.95 1.03 -14.39	28.97 1.09 -14.70	29.17 0.92 -16.77	36.62 0.70 -27.63	39.19 0.81 -26.79	73.15 1.23 -53.92	90.23 1.60 -65.15	45.39 1.79 -17.30	40.44 2.06 -9.32	40.53 2.22 -10.95	36.70 2.77 -8.51	23.49 2.36 -0.01
PPL PILGRIM_ST_GT1 24216	22.86 0.50 -17.26	21.23 0.58 -14.99	20.12 0.52 -13.57	19.27 0.48 -13.69	19.08 0.47 -13.51	19.23 0.65 -12.16	20.15 0.91 -7.59	22.96 0.64 -15.28	24.55 0.51 -18.42	26.53 0.95 -13.96	27.50 1.15 -12.54	27.95 1.10 -13.25	28.87 0.95 -14.39	28.87 1.00 -14.69	29.10 0.85 -16.77	31.64 0.64 -22.71	34.09 0.75 -21.75	46.81 1.15 -27.65	60.62 1.60 -35.54	45.31 1.79 -17.22	36.26 2.06 -5.14	34.50 2.08 -5.05	30.19 2.59 -2.17	23.35 2.24 0.00
PPL PILGRIM_ST_GT2 24217	22.86 0.50 -17.26	21.23 0.58 -14.99	20.12 0.52 -13.57	19.27 0.48 -13.69	19.08 0.47 -13.51	19.23 0.65 -12.16	20.15 0.91 -7.59	22.96 0.64 -15.28	24.55 0.51 -18.42	26.53 0.95 -13.96	27.50 1.15 -12.54	27.95 1.10 -13.25	28.87 0.95 -14.39	28.87 1.00 -14.69	29.10 0.85 -16.77	31.64 0.64 -22.71	34.09 0.75 -21.75	46.81 1.15 -27.65	60.62 1.60 -35.54	45.31 1.79 -17.22	36.26 2.06 -5.14	34.50 2.08 -5.05	30.19 2.59 -2.17	23.35 2.24 0.00
PPL_SHRM_GT3 24213	22.94 0.59 -17.26	21.32 0.67 -14.99	20.21 0.61 -13.57	19.34 0.56 -13.69	19.16 0.56 -13.51	19.33 0.75 -12.16	20.32 1.08 -7.59	23.08 0.75 -15.28	24.64 0.60 -18.42	26.71 1.13 -13.96	27.72 1.37 -12.54	28.17 1.32 -13.25	29.09 1.16 -14.39	29.10 1.23 -14.70	29.30 1.04 -16.77	36.60 0.80 -27.51	39.22 0.97 -26.66	72.75 1.49 -53.25	89.95 2.07 -64.40	45.91 2.32 -17.29	40.88 2.62 -9.21	40.76 2.60 -10.79	36.84 3.08 -8.34	23.72 2.60 -0.01
PPL_SHRM_GT4 24214	22.94 0.59 -17.26	21.32 0.67 -14.99	20.21 0.61 -13.57	19.34 0.56 -13.69	19.16 0.56 -13.51	19.33 0.75 -12.16	20.32 1.08 -7.59	23.08 0.75 -15.28	24.64 0.60 -18.42	26.71 1.13 -13.96	27.72 1.37 -12.54	28.17 1.32 -13.25	29.09 1.16 -14.39	29.10 1.23 -14.70	29.30 1.04 -16.77	36.60 0.80 -27.51	39.22 0.97 -26.66	72.75 1.49 -53.25	89.95 2.07 -64.40	45.91 2.32 -17.29	40.88 2.62 -9.21	40.76 2.60 -10.79	36.84 3.08 -8.34	23.72 2.60 -0.01
PROJECT___ORANGE 1 24174	8.82 0.07 -3.65	8.91 0.08 -3.17	8.97 0.07 -2.87	8.06 0.07 -2.89	8.01 0.06 -2.86	9.09 0.10 -2.57	13.44 0.19 -1.60	10.39 0.12 -3.23	9.60 0.09 -3.89	14.74 0.19 -2.93	16.62 0.22 -2.59	16.55 0.22 -2.73	16.72 0.23 -2.95	16.42 0.22 -3.02	15.14 0.20 -3.46	12.81 0.13 -4.38	15.93 0.20 -4.15	22.27 0.27 -3.99	29.14 0.33 -5.33	30.02 0.34 -3.38	30.03 0.29 -0.69	28.22 0.27 -0.58	25.66 0.23 0.00	21.32 0.21 0.00
PROJECT___ORANGE 2 24166	8.82 0.07 -3.65	8.91 0.08 -3.17	8.97 0.07 -2.87	8.06 0.07 -2.89	8.01 0.06 -2.86	9.09 0.10 -2.57	13.44 0.19 -1.60	10.39 0.12 -3.23	9.60 0.09 -3.89	14.74 0.19 -2.93	16.62 0.22 -2.59	16.55 0.22 -2.73	16.72 0.23 -2.95	16.42 0.22 -3.02	15.14 0.20 -3.46	12.81 0.13 -4.38	15.93 0.20 -4.15	22.27 0.27 -3.99	29.14 0.33 -5.33	30.02 0.34 -3.38	30.03 0.29 -0.69	28.22 0.27 -0.58	25.66 0.23 0.00	21.32 0.21 0.00

PUCKETT___SOLAR 323809	13.30	12.86	12.58	11.67	11.56	12.36	15.74	14.46	14.41	18.62	20.15	20.23	20.65	20.40	19.57	18.24	21.20	27.60	36.27	34.95	31.89	29.87	26.67	22.21
	0.22	0.27	0.28	0.24	0.22	0.31	0.58	0.35	0.28	0.58	0.68	0.65	0.65	0.62	0.53	0.37	0.54	0.86	1.13	1.26	1.34	1.23	1.25	1.10
	-7.98	-6.93	-6.27	-6.33	-6.25	-5.62	-3.51	-7.06	-8.51	-6.41	-5.66	-5.98	-6.46	-6.60	-7.56	-9.58	-9.07	-8.73	-11.65	-7.39	-1.50	-1.26	0.00	0.00
PYRITES___HYD 24023	6.24	6.80	7.20	6.15	6.14	7.55	8.16	4.69	4.46	6.18	11.98	7.04	6.79	7.31	8.66	8.66	11.61	12.63	23.60	26.10	28.68	27.18	25.25	20.88
	-0.12	-0.12	-0.10	-0.11	-0.10	-0.16	-0.26	-0.18	-0.13	-0.23	-0.23	-0.29	-0.39	-0.41	-0.36	-0.23	-0.38	-0.56	-0.61	-0.66	-0.46	-0.27	-0.18	-0.23
	-1.26	-1.27	-1.28	-1.16	-1.15	-1.29	3.24	2.18	1.03	5.21	1.60	6.28	6.35	5.46	2.47	-0.60	-0.40	4.82	-0.73	-0.46	-0.09	-0.08	0.00	0.00
QUAKERRD_115KV_BK1 80622	9.26	9.26	9.27	8.39	8.33	9.37	13.48	10.75	10.06	14.95	16.69	16.66	16.85	16.58	15.42	13.27	16.31	22.50	29.42	29.98	29.46	27.59	24.94	20.84
	-0.01	-0.02	-0.04	-0.02	-0.03	0.01	0.00	0.01	-0.01	-0.03	-0.08	-0.07	-0.07	-0.05	-0.02	-0.03	-0.02	-0.07	-0.16	-0.18	-0.38	-0.44	-0.48	-0.27
	-4.17	-3.63	-3.28	-3.31	-3.27	-2.94	-1.84	-3.70	-4.46	-3.35	-2.96	-3.13	-3.38	-3.45	-3.96	-5.01	-4.75	-4.57	-6.10	-3.87	-0.78	-0.66	0.00	0.00
QUEENSBRY_115KV_TB8 356137	26.82	24.60	23.28	22.42	22.20	21.95	21.91	26.51	28.88	29.64	29.82	30.41	31.53	31.52	32.17	34.03	36.12	41.88	55.14	47.02	34.53	32.02	26.63	22.25
	0.33	0.36	0.42	0.35	0.35	0.44	0.85	0.52	0.43	0.90	1.08	1.06	1.03	1.00	0.77	0.51	0.76	1.28	1.71	1.97	2.03	1.75	1.45	1.14
	-21.40	-18.59	-16.83	-16.97	-16.76	-15.08	-9.41	-18.95	-22.84	-17.12	-14.94	-15.75	-16.96	-17.34	-19.92	-25.22	-23.77	-22.59	-29.94	-18.74	-3.44	-2.90	0.25	0.00
RAMAPO___LBMP 323565	21.28	19.78	18.85	17.98	17.80	17.98	19.27	21.50	22.88	25.11	26.08	26.51	27.46	27.36	27.49	28.22	30.75	37.11	49.20	43.47	34.17	31.87	27.16	22.30
	0.31	0.33	0.33	0.28	0.27	0.37	0.64	0.40	0.32	0.65	0.76	0.75	0.73	0.71	0.62	0.44	0.60	0.99	1.32	1.47	1.60	1.53	1.50	1.18
	-15.88	-13.79	-12.49	-12.59	-12.43	-11.19	-6.98	-14.06	-16.95	-12.83	-11.51	-12.16	-13.20	-13.47	-15.38	-19.48	-18.56	-18.12	-24.40	-15.70	-3.52	-2.97	-0.23	0.00
RANKINE____ 23646	10.30	10.20	10.14	9.25	9.15	10.17	14.19	11.65	11.05	15.68	17.30	17.30	17.56	17.31	16.28	14.33	17.36	23.47	30.57	30.59	29.39	27.57	25.55	21.79
	0.14	0.15	0.14	0.13	0.10	0.18	0.31	0.13	0.04	-0.01	-0.10	-0.10	-0.07	-0.05	0.00	-0.03	0.02	-0.07	-0.31	-0.39	-0.61	-0.60	0.13	0.68
	-5.06	-4.39	-3.98	-4.01	-3.96	-3.56	-2.22	-4.48	-5.40	-4.06	-3.59	-3.79	-4.10	-4.19	-4.79	-6.07	-5.75	-5.53	-7.39	-4.69	-0.95	-0.80	0.00	0.00
RAVENSWOOD_GT2_1 24244	22.71	21.04	19.98	19.11	18.92	19.01	19.98	22.79	24.41	26.36	27.23	27.72	28.79	28.71	28.99	30.06	32.54	38.97	51.68	45.19	34.78	32.49	27.51	22.55
	0.36	0.39	0.38	0.33	0.32	0.43	0.75	0.47	0.38	0.78	0.88	0.87	0.87	0.84	0.75	0.53	0.72	1.17	1.50	1.68	1.83	1.83	1.81	1.44
	-17.25	-14.99	-13.57	-13.68	-13.51	-12.16	-7.59	-15.28	-18.42	-13.95	-12.54	-13.25	-14.39	-14.69	-16.76	-21.23	-20.24	-19.79	-26.69	-17.20	-3.90	-3.29	-0.28	0.00
RAVENSWOOD_GT2_2 24245	22.71	21.04	19.98	19.11	18.92	19.01	19.98	22.79	24.41	26.36	27.23	27.72	28.79	28.71	28.99	30.06	32.54	38.97	51.68	45.19	34.78	32.49	27.51	22.55
	0.36	0.39	0.38	0.33	0.32	0.43	0.75	0.47	0.38	0.78	0.88	0.87	0.87	0.84	0.75	0.53	0.72	1.17	1.50	1.68	1.83	1.83	1.81	1.44
	-17.25	-14.99	-13.57	-13.68	-13.51	-12.16	-7.59	-15.28	-18.42	-13.95	-12.54	-13.25	-14.39	-14.69	-16.76	-21.23	-20.24	-19.79	-26.69	-17.20	-3.90	-3.29	-0.28	0.00
RAVENSWOOD_GT2_3 24246	22.71	21.04	19.98	19.11	18.92	19.01	19.98	22.79	24.41	26.36	27.25	27.74	28.80	28.71	28.99	30.06	32.56	38.97	51.70	45.21	34.78	32.49	27.51	22.55
	0.36	0.39	0.38	0.33	0.32	0.43	0.75	0.47	0.38	0.78	0.90	0.88	0.88	0.84	0.75	0.54	0.73	1.17	1.53	1.71	1.83	1.83	1.81	1.44
	-17.25	-14.99	-13.57	-13.68	-13.51	-12.16	-7.59	-15.28	-18.42	-13.95	-12.54	-13.25	-14.39	-14.69	-16.76	-21.23	-20.24	-19.79	-26.69	-17.20	-3.90	-3.29	-0.28	0.00
RAVENSWOOD_GT2_4 24247	22.71	21.04	19.98	19.11	18.92	19.01	19.98	22.79	24.41	26.36	27.25	27.74	28.80	28.71	28.99	30.06	32.56	38.97	51.70	45.21	34.78	32.49	27.51	22.55
	0.36	0.39	0.38	0.33	0.32	0.43	0.75	0.47	0.38	0.78	0.90	0.88	0.88	0.84	0.75	0.54	0.73	1.17	1.53	1.71	1.83	1.83	1.81	1.44
	-17.25	-14.99	-13.57	-13.68	-13.51	-12.16	-7.59	-15.28	-18.42	-13.95	-12.54	-13.25	-14.39	-14.69	-16.76	-21.23	-20.24	-19.79	-26.69	-17.20	-3.90	-3.29	-0.28	0.00
RAVENSWOOD_GT3_1 24248	22.71	21.04	19.98	19.11	18.92	19.01	19.98	22.79	24.41	26.36	27.23	27.72	28.79	28.71	28.99	30.06	32.54	38.97	51.68	45.19	34.78	32.49	27.51	22.55
	0.36	0.39	0.38	0.33	0.32	0.43	0.75	0.47	0.38	0.78	0.88	0.87	0.87	0.84	0.75	0.53	0.72	1.17	1.50	1.68	1.83	1.83	1.81	1.44
	-17.25	-14.99	-13.57	-13.68	-13.51	-12.16	-7.59	-15.28	-18.42	-13.95	-12.54	-13.25	-14.39	-14.69	-16.76	-21.23	-20.24	-19.79	-26.69	-17.20	-3.90	-3.29	-0.28	0.00
RAVENSWOOD_GT3_2 24249	22.71	21.04	19.98	19.11	18.92	19.01	19.98	22.79	24.41	26.36	27.23	27.72	28.79	28.71	28.99	30.06	32.54	38.97	51.68	45.19	34.78	32.49	27.51	22.55
	0.36	0.39	0.38	0.33	0.32	0.43	0.75	0.47	0.38	0.78	0.88	0.87	0.87	0.84	0.75	0.53	0.72	1.17	1.50	1.68	1.83	1.83	1.81	1.44
	-17.25	-14.99	-13.57	-13.68	-13.51	-12.16	-7.59	-15.28	-18.42	-13.95	-12.54	-13.25	-14.39	-14.69	-16.76	-21.23	-20.24	-19.79	-26.69	-17.20	-3.90	-3.29	-0.28	0.00
RAVENSWOOD_GT3_3 24250	22.71	21.04	19.98	19.12	18.93	19.02	19.99	22.80	24.41	26.37	27.26	27.75	28.82	28.72	29.01	30.07	32.57	39.01	51.73	45.24	34.81	32.52	27.54	22.57
	0.36	0.40	0.39	0.33	0.33	0.44	0.76	0.48	0.38	0.79	0.91	0.90	0.89	0.86	0.76	0.55	0.74	1.21	1.55	1.74	1.86	1.86	1.83	1.46
	-17.25	-14.99	-13.57	-13.68	-13.51	-12.16	-7.59	-15.28	-18.42	-13.95	-12.54	-13.25	-14.39	-14.69	-16.76	-21.23	-20.24	-19.79	-26.69	-17.20	-3.90	-3.29	-0.28	0.00
RAVENSWOOD_GT3_4 24251	22.71	21.04	19.98	19.12	18.93	19.02	19.99	22.80	24.41	26.37	27.26	27.75	28.82	28.72	29.01	30.07	32.57	39.01	51.73	45.24	34.81	32.52	27.54	22.57
	0.36	0.40	0.39	0.33	0.33	0.44	0.76	0.48	0.38	0.79	0.91	0.90	0.89	0.86	0.76	0.55	0.74	1.21	1.55	1.74	1.86	1.86	1.83	1.46
	-17.25	-14.99	-13.57	-13.68	-13.51	-12.16	-7.59	-15.28	-18.42	-13.95	-12.54	-13.25	-14.39	-14.69	-16.76	-21.23	-20.24	-19.79	-26.69	-17.20	-3.90	-3.29	-0.28	0.00
RAVENSWOOD_GT_1 23729	22.72	21.04	19.98	19.11	18.92	19.00	19.93	22.76	24.39	26.31	27.19	27.68	28.74	28.66	28.95	30.03	32.50	38.90	51.58	45.08	34.67	32.38	27.41	22.55
	0.37	0.40	0.38	0.32	0.32	0.42	0.70	0.44	0.35	0.73	0.84	0.83	0.81	0.79	0.70	0.51	0.67	1.10	1.41	1.58	1.71	1.72	1.70	1.44
	-17.25	-14.99	-13.57	-13.68	-13.51	-12.16	-7.59	-15.28	-18.42	-13.95	-12.54	-13.25	-14.39	-14.69	-16.76	-21.23	-20.24	-19.79	-26.69	-17.20	-3.90	-3.29	-0.28	0.00

RAVENSWOOD_GT_10 24258	22.71 0.36 -17.25	21.04 0.39 -14.99	19.98 0.38 -13.57	19.11 0.33 -13.68	18.92 0.32 -13.51	19.01 0.43 -12.16	19.98 0.75 -7.59	22.79 0.47 -15.28	24.41 0.38 -18.42	26.36 0.78 -13.95	27.23 0.88 -12.54	27.72 0.87 -13.25	28.79 0.87 -14.39	28.71 0.84 -14.69	28.99 0.75 -16.76	30.06 0.53 -21.23	32.54 0.72 -20.24	38.97 1.17 -19.79	51.68 1.50 -26.69	45.19 1.68 -17.20	34.78 1.83 -3.90	32.49 1.83 -3.29	27.51 1.81 -0.28	22.55 1.44 0.00
RAVENSWOOD_GT_11 24259	22.71 0.36 -17.25	21.04 0.39 -14.99	19.98 0.38 -13.57	19.11 0.33 -13.68	18.92 0.32 -13.51	19.01 0.43 -12.16	19.98 0.75 -7.59	22.79 0.47 -15.28	24.41 0.38 -18.42	26.36 0.78 -13.95	27.23 0.88 -12.54	27.72 0.87 -13.25	28.79 0.87 -14.39	28.71 0.84 -14.69	28.99 0.75 -16.76	30.06 0.53 -21.23	32.54 0.72 -20.24	38.97 1.17 -19.79	51.68 1.50 -26.69	45.19 1.68 -17.20	34.78 1.83 -3.90	32.49 1.83 -3.29	27.51 1.81 -0.28	22.55 1.44 0.00
RAVENSWOOD_GT_4 24252	22.71 0.36 -17.25	21.04 0.39 -14.99	19.98 0.38 -13.57	19.11 0.33 -13.68	18.92 0.32 -13.51	19.01 0.43 -12.16	19.99 0.76 -7.59	22.79 0.47 -15.28	24.41 0.38 -18.42	26.36 0.78 -13.95	27.25 0.90 -12.54	27.74 0.88 -13.25	28.80 0.88 -14.39	28.71 0.84 -14.69	28.99 0.75 -16.76	30.06 0.54 -21.23	32.56 0.73 -20.24	38.99 1.19 -19.79	51.70 1.53 -26.69	45.21 1.71 -17.20	34.78 1.83 -3.90	32.49 1.83 -3.29	27.51 1.81 -0.28	22.55 1.44 0.00
RAVENSWOOD_GT_5 24254	22.71 0.36 -17.25	21.04 0.39 -14.99	19.98 0.38 -13.57	19.11 0.33 -13.68	18.92 0.32 -13.51	19.01 0.43 -12.16	19.99 0.76 -7.59	22.79 0.47 -15.28	24.41 0.38 -18.42	26.36 0.78 -13.95	27.25 0.90 -12.54	27.74 0.88 -13.25	28.80 0.88 -14.39	28.71 0.84 -14.69	28.99 0.75 -16.76	30.06 0.54 -21.23	32.56 0.73 -20.24	38.99 1.19 -19.79	51.70 1.53 -26.69	45.21 1.71 -17.20	34.78 1.83 -3.90	32.49 1.83 -3.29	27.51 1.81 -0.28	22.55 1.44 0.00
RAVENSWOOD_GT_6 24253	22.71 0.36 -17.25	21.04 0.39 -14.99	19.98 0.38 -13.57	19.11 0.33 -13.68	18.92 0.32 -13.51	19.01 0.43 -12.16	19.99 0.76 -7.59	22.79 0.47 -15.28	24.41 0.38 -18.42	26.36 0.78 -13.95	27.25 0.90 -12.54	27.74 0.88 -13.25	28.80 0.88 -14.39	28.71 0.84 -14.69	28.99 0.75 -16.76	30.06 0.54 -21.23	32.56 0.73 -20.24	38.99 1.19 -19.79	51.70 1.53 -26.69	45.21 1.71 -17.20	34.78 1.83 -3.90	32.49 1.83 -3.29	27.51 1.81 -0.28	22.55 1.44 0.00
RAVENSWOOD_GT_7 24255	22.71 0.36 -17.25	21.04 0.39 -14.99	19.98 0.38 -13.57	19.11 0.33 -13.68	18.92 0.32 -13.51	19.01 0.43 -12.16	19.99 0.76 -7.59	22.79 0.47 -15.28	24.41 0.38 -18.42	26.36 0.78 -13.95	27.25 0.90 -12.54	27.74 0.88 -13.25	28.80 0.88 -14.39	28.71 0.84 -14.69	28.99 0.75 -16.76	30.06 0.54 -21.23	32.56 0.73 -20.24	38.99 1.19 -19.79	51.70 1.53 -26.69	45.21 1.71 -17.20	34.78 1.83 -3.90	32.49 1.83 -3.29	27.51 1.81 -0.28	22.55 1.44 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	22.71 0.36 -17.25	21.04 0.39 -14.99	19.98 0.38 -13.57	19.11 0.33 -13.68	18.92 0.32 -13.51	19.01 0.43 -12.16	19.98 0.75 -7.59	22.79 0.47 -15.28	24.41 0.38 -18.42	26.36 0.78 -13.95	27.23 0.88 -12.54	27.72 0.87 -13.25	28.79 0.87 -14.39	28.71 0.84 -14.69	28.99 0.75 -16.76	30.06 0.53 -21.23	32.54 0.72 -20.24	38.97 1.17 -19.79	51.68 1.50 -26.69	45.19 1.68 -17.20	34.78 1.83 -3.90	32.49 1.83 -3.29	27.51 1.81 -0.28	22.55 1.44 0.00
RAVENSWOOD_GT_9 24257	22.71 0.36 -17.25	21.04 0.39 -14.99	19.98 0.38 -13.57	19.11 0.33 -13.68	18.92 0.32 -13.51	19.01 0.43 -12.16	19.98 0.75 -7.59	22.79 0.47 -15.28	24.41 0.38 -18.42	26.36 0.78 -13.95	27.23 0.88 -12.54	27.72 0.87 -13.25	28.79 0.87 -14.39	28.71 0.84 -14.69	28.99 0.75 -16.76	30.06 0.53 -21.23	32.54 0.72 -20.24	38.97 1.17 -19.79	51.68 1.50 -26.69	45.19 1.68 -17.20	34.78 1.83 -3.90	32.49 1.83 -3.29	27.51 1.81 -0.28	22.55 1.44 0.00
RAVENSWOOD___1 23533	22.72 0.37 -17.25	21.04 0.40 -14.99	19.98 0.38 -13.57	19.11 0.32 -13.68	18.92 0.32 -13.51	19.00 0.42 -12.16	19.93 0.70 -7.58	22.76 0.44 -15.27	24.38 0.35 -18.41	26.30 0.73 -13.95	27.18 0.84 -12.53	27.67 0.83 -13.24	28.73 0.81 -14.38	28.65 0.79 -14.68	28.94 0.70 -16.76	30.02 0.51 -21.22	32.49 0.67 -20.23	38.89 1.10 -19.78	51.58 1.41 -26.68	45.07 1.58 -17.20	34.66 1.71 -3.89	32.37 1.73 -3.28	27.40 1.70 -0.27	22.55 1.44 0.00
RAVENSWOOD___2 23534	22.72 0.37 -17.25	21.04 0.40 -14.99	19.98 0.38 -13.57	19.11 0.32 -13.68	18.92 0.32 -13.51	19.00 0.42 -12.16	19.93 0.70 -7.58	22.76 0.44 -15.27	24.38 0.35 -18.41	26.30 0.73 -13.95	27.18 0.84 -12.53	27.67 0.83 -13.24	28.73 0.81 -14.38	28.65 0.79 -14.68	28.94 0.70 -16.76	30.02 0.51 -21.22	32.49 0.67 -20.23	38.89 1.10 -19.78	51.58 1.41 -26.68	45.07 1.58 -17.20	34.66 1.71 -3.89	32.37 1.73 -3.28	27.40 1.70 -0.27	22.55 1.44 0.00
RAVENSWOOD___3 23535	22.70 0.35 -17.25	21.04 0.39 -14.99	19.98 0.38 -13.57	19.11 0.33 -13.68	18.92 0.32 -13.51	19.01 0.43 -12.16	19.98 0.75 -7.59	22.79 0.47 -15.28	24.41 0.38 -18.42	26.36 0.78 -13.95	27.25 0.90 -12.54	27.72 0.87 -13.25	28.79 0.87 -14.39	28.71 0.84 -14.69	28.99 0.75 -16.76	30.06 0.53 -21.23	32.54 0.72 -20.24	38.97 1.17 -19.79	51.68 1.50 -26.69	45.19 1.68 -17.20	34.79 1.83 -3.90	32.49 1.83 -3.29	27.51 1.81 -0.28	22.55 1.44 0.00
RAVENSWOOD___4 23820	22.72 0.37 -17.25	21.04 0.40 -14.99	19.98 0.38 -13.57	19.11 0.32 -13.68	18.92 0.32 -13.51	19.00 0.42 -12.16	19.93 0.70 -7.58	22.76 0.44 -15.27	24.38 0.35 -18.41	26.30 0.73 -13.95	27.18 0.84 -12.53	27.67 0.83 -13.24	28.73 0.81 -14.38	28.65 0.79 -14.68	28.94 0.70 -16.76	30.02 0.51 -21.22	32.49 0.67 -20.23	38.89 1.10 -19.78	51.58 1.41 -26.68	45.07 1.58 -17.20	34.66 1.71 -3.89	32.37 1.73 -3.28	27.40 1.70 -0.27	22.55 1.44 0.00
RCPL_TRUST___DRP 24196	22.72 0.37 -17.25	21.05 0.40 -14.99	19.99 0.39 -13.57	19.12 0.34 -13.68	18.93 0.33 -13.51	19.03 0.45 -12.16	20.02 0.78 -7.59	22.81 0.49 -15.28	24.43 0.39 -18.42	26.39 0.81 -13.95	27.29 0.94 -12.54	27.78 0.92 -13.25	28.84 0.92 -14.39	28.75 0.88 -14.69	29.03 0.78 -16.76	30.09 0.56 -21.23	32.59 0.76 -20.24	39.02 1.22 -19.79	51.77 1.60 -26.69	45.29 1.79 -17.20	34.87 1.92 -3.90	32.57 1.92 -3.29	27.59 1.88 -0.28	22.61 1.50 0.00
RED___ROCHESTER 323720	9.46 0.13 -4.23	9.49 0.16 -3.67	9.50 0.15 -3.33	8.59 0.14 -3.35	8.53 0.12 -3.31	9.61 0.21 -2.98	13.87 0.36 -1.86	11.01 0.22 -3.74	10.29 0.16 -4.51	15.33 0.30 -3.40	17.12 0.30 -3.00	17.08 0.31 -3.17	17.27 0.31 -3.43	17.01 0.33 -3.50	15.80 0.31 -4.01	13.58 0.21 -5.08	16.72 0.32 -4.81	23.10 0.47 -4.63	30.18 0.52 -6.18	30.80 0.58 -3.92	30.29 0.44 -0.80	28.34 0.30 -0.67	25.66 0.23 0.00	21.49 0.38 0.00
REGAN___SOLAR 323812	27.06 0.45 -21.50	24.85 0.51 -18.68	23.49 0.55 -16.92	22.62 0.46 -17.05	22.38 0.45 -16.84	22.15 0.57 -15.16	22.22 1.12 -9.45	26.77 0.68 -19.04	29.14 0.57 -22.96	29.97 1.13 -17.22	30.12 1.26 -15.05	30.82 1.35 -15.88	32.02 1.38 -17.11	32.06 1.40 -17.49	32.79 1.23 -20.08	34.67 0.95 -25.42	36.95 1.39 -23.98	43.13 2.29 -22.83	56.89 3.10 -30.31	48.73 3.42 -19.01	36.12 3.51 -3.55	33.38 3.01 -3.00	27.66 2.44 0.21	23.03 1.92 0.00

RENSSELAER___COGEN 23796	26.14 0.20 -20.85	23.99 0.22 -18.11	22.65 0.23 -16.40	21.83 0.19 -16.53	21.61 0.20 -16.32	21.37 0.26 -14.69	21.28 0.47 -9.17	25.78 0.27 -18.46	28.09 0.22 -22.25	28.75 0.45 -16.67	28.87 0.54 -14.53	29.45 0.53 -15.32	30.55 0.53 -16.49	30.55 0.51 -16.86	31.30 0.45 -19.37	33.14 0.32 -24.52	35.15 0.46 -23.10	40.70 0.77 -21.92	53.53 1.01 -29.03	45.60 1.16 -18.15	33.56 1.22 -3.29	31.27 1.12 -2.78	26.18 1.02 0.27	21.94 0.82 0.00
REPUBLIC_115KV_BARTNBRK 55605	27.03 0.54 -21.39	24.82 0.58 -18.58	23.51 0.66 -16.83	22.61 0.55 -16.97	22.39 0.54 -16.75	22.18 0.69 -15.08	22.38 1.33 -9.41	26.81 0.82 -18.94	29.14 0.68 -22.84	30.18 1.44 -17.11	30.45 1.71 -14.93	31.03 1.69 -15.74	31.95 1.46 -16.95	31.93 1.42 -17.33	32.52 1.13 -19.91	34.31 0.80 -25.21	36.54 1.19 -23.76	42.55 1.96 -22.58	56.06 2.65 -29.92	48.42 3.39 -18.73	35.94 3.46 -3.43	33.25 2.98 -2.90	27.62 2.44 0.25	23.08 1.96 0.00
REVERE_CPPR_DRP 24186	6.85 0.16 -1.59	7.23 0.19 -1.38	7.47 0.19 -1.25	6.52 0.16 -1.26	6.49 0.15 -1.24	7.75 0.21 -1.12	12.64 0.42 -0.57	8.57 0.21 -1.31	7.43 0.18 -1.63	13.14 0.42 -1.09	15.44 0.57 -1.07	15.15 0.56 -0.99	15.16 0.54 -1.08	14.81 0.50 -1.14	13.34 0.44 -1.42	10.54 0.34 -1.90	13.87 0.49 -1.80	20.37 0.79 -1.57	26.88 1.08 -2.32	29.01 1.24 -1.47	30.75 1.39 -0.30	28.88 1.26 -0.25	26.52 1.09 0.00	21.96 0.84 0.00
REYNOLDS_115KV_TB3 80639	26.18 0.21 -20.87	24.02 0.24 -18.13	22.69 0.25 -16.42	21.86 0.21 -16.55	21.64 0.21 -16.34	21.40 0.27 -14.71	21.33 0.50 -9.18	25.82 0.30 -18.48	28.12 0.23 -22.28	28.77 0.48 -16.67	28.87 0.57 -14.49	29.45 0.57 -15.28	30.53 0.57 -16.43	30.53 0.55 -16.80	31.28 0.48 -19.32	33.10 0.35 -24.46	35.10 0.50 -23.01	40.62 0.83 -21.78	53.37 1.08 -28.80	45.46 1.21 -17.95	33.54 1.31 -3.18	31.26 1.20 -2.68	26.20 1.09 0.32	22.00 0.89 0.00
RIVERBAY____ 323610	22.78 0.42 -17.25	21.12 0.47 -14.99	20.04 0.44 -13.57	19.16 0.38 -13.68	18.98 0.38 -13.51	19.04 0.46 -12.16	19.98 0.75 -7.59	22.78 0.46 -15.28	24.40 0.37 -18.42	26.35 0.77 -13.95	27.22 0.87 -12.54	27.71 0.86 -13.25	28.78 0.85 -14.39	28.68 0.82 -14.69	28.97 0.72 -16.76	30.05 0.52 -21.23	32.52 0.70 -20.24	38.95 1.15 -19.79	51.68 1.50 -26.69	45.19 1.68 -17.20	34.76 1.80 -3.90	32.46 1.81 -3.29	27.49 1.78 -0.28	22.74 1.63 0.00
RIVERSDE_115KV_TB3 55908	26.21 0.21 -20.91	24.05 0.23 -18.16	22.72 0.25 -16.45	21.89 0.21 -16.58	21.67 0.21 -16.37	21.42 0.27 -14.73	21.34 0.50 -9.19	25.85 0.30 -18.51	28.16 0.23 -22.32	28.81 0.48 -16.71	28.93 0.58 -14.54	29.51 0.57 -15.33	30.60 0.57 -16.50	30.60 0.55 -16.87	31.36 0.48 -19.39	33.19 0.35 -24.55	35.20 0.50 -23.11	40.74 0.83 -21.91	53.56 1.08 -28.99	45.61 1.21 -18.10	33.60 1.31 -3.24	31.31 1.20 -2.74	26.20 1.07 0.29	21.98 0.87 0.00
ROARING___BROOK_WT_PWR 323790	4.85 -0.25 0.00	5.38 -0.28 0.00	5.75 -0.28 0.00	4.87 -0.23 0.00	4.86 -0.23 0.00	6.12 -0.30 0.00	3.24 -0.55 7.87	1.09 -0.33 5.63	1.77 -0.26 3.58	0.00 -0.52 11.10	9.63 -0.63 3.54	0.91 -0.63 12.06	0.65 -0.64 12.25	1.91 -0.62 10.65	5.61 -0.54 5.33	7.91 -0.38 0.00	10.76 -0.53 0.29	7.44 -0.83 9.74	22.48 -1.01 0.00	25.20 -1.10 0.00	27.92 -1.13 0.00	26.36 -1.01 0.00	24.51 -0.91 0.00	20.40 -0.72 0.00
ROCHESRG_115KV_T4 355643	9.42 0.11 -4.21	9.43 0.11 -3.66	9.44 0.11 -3.31	8.54 0.10 -3.34	8.47 0.09 -3.30	9.54 0.15 -2.97	13.77 0.27 -1.85	10.92 0.15 -3.73	10.21 0.11 -4.49	15.19 0.19 -3.38	16.96 0.17 -2.99	16.93 0.18 -3.15	17.12 0.18 -3.41	16.86 0.20 -3.48	15.67 0.20 -3.99	13.46 0.12 -5.05	16.57 0.20 -4.78	22.88 0.27 -4.60	29.89 0.26 -6.15	30.46 0.26 -3.90	29.96 0.12 -0.79	28.07 0.03 -0.67	25.40 -0.03 0.00	21.30 0.19 0.00
ROCHESTER_9_IC 23652	9.46 0.13 -4.23	9.47 0.14 -3.67	9.48 0.13 -3.33	8.58 0.12 -3.35	8.51 0.11 -3.31	9.59 0.19 -2.98	13.83 0.33 -1.86	10.98 0.19 -3.74	10.27 0.14 -4.51	15.27 0.24 -3.40	17.06 0.25 -3.00	17.03 0.26 -3.17	17.22 0.26 -3.43	16.94 0.26 -3.50	15.76 0.26 -4.01	13.54 0.17 -5.08	16.66 0.27 -4.81	23.01 0.38 -4.63	30.06 0.40 -6.18	30.67 0.45 -3.92	30.14 0.29 -0.80	28.21 0.16 -0.67	25.53 0.10 0.00	21.41 0.30 0.00
ROCKVIEW_13_KV_LD 356306	22.70 0.35 -17.25	21.02 0.38 -14.99	19.97 0.37 -13.57	19.11 0.32 -13.68	18.92 0.32 -13.51	19.01 0.43 -12.16	19.99 0.76 -7.59	22.80 0.48 -15.28	24.41 0.38 -18.42	26.36 0.78 -13.95	27.26 0.91 -12.54	27.75 0.90 -13.25	28.80 0.88 -14.39	28.72 0.86 -14.69	29.01 0.76 -16.76	30.07 0.55 -21.23	32.57 0.74 -20.24	39.01 1.21 -19.79	51.77 1.60 -26.69	45.27 1.76 -17.20	34.87 1.92 -3.90	32.52 1.86 -3.29	27.51 1.81 -0.28	22.53 1.41 0.00
ROME____115KV_TB2 80656	6.85 0.16 -1.59	7.23 0.19 -1.38	7.47 0.19 -1.25	6.52 0.16 -1.26	6.49 0.15 -1.24	7.75 0.21 -1.12	12.64 0.42 -0.57	8.57 0.21 -1.31	7.43 0.18 -1.63	13.14 0.42 -1.09	15.44 0.57 -1.07	15.15 0.56 -0.99	15.16 0.54 -1.08	14.81 0.50 -1.14	13.34 0.44 -1.42	10.54 0.34 -1.90	13.87 0.49 -1.80	20.37 0.79 -1.57	26.88 1.08 -2.32	29.01 1.24 -1.47	30.75 1.39 -0.30	28.88 1.26 -0.25	26.52 1.09 0.00	21.96 0.84 0.00
ROSETON___1 23587	22.39 0.28 -17.01	20.74 0.31 -14.77	19.71 0.31 -13.38	18.85 0.27 -13.49	18.67 0.26 -13.32	18.75 0.35 -11.99	19.73 0.61 -7.48	22.47 0.37 -15.06	24.07 0.30 -18.15	25.97 0.60 -13.74	26.84 0.70 -12.33	27.32 0.69 -13.02	28.36 0.69 -14.14	28.27 0.66 -14.43	28.55 0.59 -16.48	29.59 0.42 -20.87	32.05 0.58 -19.88	38.37 0.95 -19.41	50.87 1.24 -26.15	44.52 1.39 -16.82	34.31 1.48 -3.77	32.00 1.45 -3.18	27.07 1.40 -0.25	22.23 1.12 0.00
ROSETON___2 23588	22.39 0.28 -17.01	20.74 0.31 -14.77	19.71 0.31 -13.38	18.85 0.27 -13.49	18.67 0.26 -13.32	18.75 0.35 -11.99	19.73 0.61 -7.48	22.47 0.37 -15.06	24.07 0.30 -18.15	25.97 0.60 -13.74	26.84 0.70 -12.33	27.32 0.69 -13.02	28.36 0.69 -14.14	28.27 0.66 -14.43	28.55 0.59 -16.48	29.59 0.42 -20.87	32.05 0.58 -19.88	38.37 0.95 -19.41	50.87 1.24 -26.15	44.52 1.39 -16.82	34.31 1.48 -3.77	32.00 1.45 -3.18	27.07 1.40 -0.25	22.23 1.12 0.00
ROTTDRAM_115KV_TB3 80664	26.82 0.21 -21.50	24.58 0.24 -18.68	23.19 0.25 -16.92	22.37 0.21 -17.05	22.14 0.21 -16.84	21.85 0.27 -15.16	21.60 0.50 -9.45	26.39 0.30 -19.04	28.81 0.24 -22.96	29.33 0.49 -17.22	29.44 0.58 -15.05	30.05 0.57 -15.88	31.21 0.57 -17.11	31.23 0.57 -17.49	32.04 0.48 -20.08	34.07 0.35 -25.42	36.06 0.50 -23.98	41.67 0.83 -22.83	54.87 1.08 -30.31	46.52 1.21 -19.01	33.88 1.28 -3.55	31.54 1.18 -3.00	26.26 1.04 0.21	21.96 0.84 0.00
RUSSELL___1 23602	9.48 0.15 -4.23	9.49 0.16 -3.67	9.50 0.15 -3.33	8.59 0.14 -3.35	8.53 0.12 -3.31	9.61 0.21 -2.98	13.87 0.36 -1.86	11.01 0.22 -3.74	10.29 0.16 -4.51	15.33 0.30 -3.40	17.12 0.30 -3.00	17.08 0.31 -3.17	17.27 0.31 -3.43	17.01 0.33 -3.50	15.80 0.31 -4.01	13.58 0.21 -5.08	16.72 0.32 -4.81	23.10 0.47 -4.63	30.18 0.52 -6.18	30.80 0.58 -3.92	30.28 0.44 -0.80	28.34 0.30 -0.67	25.66 0.23 0.00	21.49 0.38 0.00

RUSSELL___2 23532	9.48 0.15 -4.23	9.49 0.16 -3.67	9.50 0.15 -3.33	8.59 0.14 -3.35	8.53 0.12 -3.31	9.61 0.21 -2.98	13.87 0.36 -1.86	11.01 0.22 -3.74	10.29 0.16 -4.51	15.33 0.30 -3.40	17.12 0.30 -3.00	17.08 0.31 -3.17	17.27 0.31 -3.43	17.01 0.33 -3.50	15.80 0.31 -4.01	13.58 0.21 -5.08	16.72 0.32 -4.81	23.10 0.47 -4.63	30.18 0.52 -6.18	30.80 0.58 -3.92	30.28 0.44 -0.80	28.34 0.30 -0.67	25.66 0.23 0.00	21.49 0.38 0.00
RUSSELL___3 23549	9.48 0.15 -4.23	9.49 0.16 -3.67	9.50 0.15 -3.33	8.59 0.14 -3.35	8.53 0.12 -3.31	9.61 0.21 -2.98	13.87 0.36 -1.86	11.01 0.22 -3.74	10.29 0.16 -4.51	15.33 0.30 -3.40	17.12 0.30 -3.00	17.08 0.31 -3.17	17.27 0.31 -3.43	17.01 0.33 -3.50	15.80 0.31 -4.01	13.58 0.21 -5.08	16.72 0.32 -4.81	23.10 0.47 -4.63	30.18 0.52 -6.18	30.80 0.58 -3.92	30.28 0.44 -0.80	28.34 0.30 -0.67	25.66 0.23 0.00	21.49 0.38 0.00
RUSSELL___4 23556	9.48 0.15 -4.23	9.49 0.16 -3.67	9.50 0.15 -3.33	8.59 0.14 -3.35	8.53 0.12 -3.31	9.61 0.21 -2.98	13.87 0.36 -1.86	11.01 0.22 -3.74	10.29 0.16 -4.51	15.33 0.30 -3.40	17.12 0.30 -3.00	17.08 0.31 -3.17	17.27 0.31 -3.43	17.01 0.33 -3.50	15.80 0.31 -4.01	13.58 0.21 -5.08	16.72 0.32 -4.81	23.10 0.47 -4.63	30.18 0.52 -6.18	30.80 0.58 -3.92	30.28 0.44 -0.80	28.34 0.30 -0.67	25.66 0.23 0.00	21.49 0.38 0.00
RUSSELL___STATION 23914	9.48 0.15 -4.23	9.49 0.16 -3.67	9.50 0.15 -3.33	8.59 0.14 -3.35	8.53 0.12 -3.31	9.61 0.21 -2.98	13.87 0.36 -1.86	11.01 0.22 -3.74	10.29 0.16 -4.51	15.33 0.30 -3.40	17.12 0.30 -3.00	17.08 0.31 -3.17	17.27 0.31 -3.43	17.01 0.33 -3.50	15.80 0.31 -4.01	13.58 0.21 -5.08	16.72 0.32 -4.81	23.10 0.47 -4.63	30.18 0.52 -6.18	30.80 0.58 -3.92	30.28 0.44 -0.80	28.34 0.30 -0.67	25.66 0.23 0.00	21.49 0.38 0.00
S SALMON___HYD 24043	7.97 0.01 -2.86	8.17 0.02 -2.49	8.29 0.01 -2.25	7.38 0.01 -2.27	7.34 0.01 -2.24	8.46 0.03 -2.02	12.59 0.07 -0.87	9.31 0.01 -2.26	8.51 0.02 -2.88	13.42 0.05 -1.75	15.75 0.08 -1.86	15.21 0.07 -1.54	15.30 0.05 -1.71	15.07 0.05 -1.84	13.97 0.03 -2.45	11.76 0.02 -3.44	14.89 0.06 -3.24	20.75 0.09 -2.65	27.81 0.14 -4.18	29.11 0.16 -2.65	29.74 0.15 -0.54	27.93 0.11 -0.45	25.50 0.08 0.00	21.16 0.04 0.00
S.PERRY___115KV_TB1 80734	10.53 0.28 -5.15	10.43 0.31 -4.47	10.37 0.30 -4.05	9.45 0.27 -4.08	9.37 0.25 -4.03	10.43 0.39 -3.63	14.60 0.69 -2.26	12.03 0.43 -4.56	11.42 0.31 -5.49	16.31 0.55 -4.14	18.02 0.55 -3.65	17.99 0.53 -3.86	18.23 0.53 -4.17	17.97 0.54 -4.26	16.86 0.49 -4.88	14.81 0.34 -6.18	17.99 0.56 -5.85	24.54 0.90 -5.63	32.18 1.17 -7.52	32.41 1.34 -4.77	31.27 1.25 -0.97	29.23 1.04 -0.82	26.50 1.07 0.00	22.23 1.12 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	10.20 0.13 -4.96	10.11 0.14 -4.31	10.06 0.13 -3.90	9.16 0.12 -3.94	9.07 0.09 -3.89	10.09 0.17 -3.50	14.12 0.29 -2.18	11.55 0.11 -4.40	10.94 0.03 -5.30	15.57 -0.05 -3.99	17.20 -0.14 -3.52	17.20 -0.12 -3.72	17.45 -0.11 -4.02	17.21 -0.08 -4.11	16.17 -0.02 -4.71	14.20 -0.05 -5.96	17.23 0.00 -5.64	23.29 -0.14 -5.43	30.34 -0.40 -7.25	30.37 -0.53 -4.60	29.23 -0.76 -0.93	27.45 -0.71 -0.79	25.22 -0.20 0.00	21.51 0.40 0.00
SAWYER___23_KV_LOAD 55526	10.20 0.13 -4.96	10.11 0.14 -4.31	10.06 0.13 -3.90	9.16 0.12 -3.94	9.07 0.09 -3.89	10.09 0.17 -3.50	14.12 0.29 -2.18	11.55 0.11 -4.40	10.94 0.03 -5.30	15.57 -0.05 -3.99	17.20 -0.14 -3.52	17.20 -0.12 -3.72	17.45 -0.11 -4.02	17.21 -0.08 -4.11	16.17 -0.02 -4.71	14.20 -0.05 -5.96	17.23 0.00 -5.64	23.29 -0.14 -5.43	30.34 -0.40 -7.25	30.37 -0.53 -4.60	29.23 -0.76 -0.93	27.45 -0.71 -0.79	25.22 -0.20 0.00	21.51 0.40 0.00
SELKIRK___I 23801	25.88 0.22 -20.56	23.76 0.24 -17.86	22.46 0.26 -16.17	21.63 0.22 -16.30	21.41 0.22 -16.10	21.19 0.28 -14.49	21.20 0.51 -9.04	25.55 0.30 -18.20	27.80 0.24 -21.95	28.58 0.49 -16.47	28.80 0.58 -14.41	29.38 0.57 -15.20	30.49 0.57 -16.39	30.48 0.55 -16.75	31.19 0.48 -19.23	32.99 0.35 -24.35	35.06 0.50 -22.97	40.74 0.83 -21.90	53.66 1.08 -29.09	45.79 1.21 -18.27	33.84 1.34 -3.45	31.48 1.20 -2.91	26.34 1.09 0.18	22.00 0.89 0.00
SELKIRK___II 23799	26.08 0.19 -20.79	23.93 0.21 -18.06	22.61 0.23 -16.35	21.78 0.19 -16.49	21.56 0.19 -16.28	21.32 0.24 -14.65	21.24 0.45 -9.14	25.72 0.27 -18.41	28.02 0.21 -22.19	28.70 0.43 -16.64	28.87 0.51 -14.55	29.45 0.50 -15.34	30.57 0.50 -16.53	30.57 0.49 -16.90	31.33 0.44 -19.41	33.17 0.31 -24.57	35.20 0.44 -23.17	40.81 0.74 -22.07	53.73 0.96 -29.28	45.75 1.08 -18.37	33.67 1.19 -3.42	31.36 1.10 -2.89	26.21 0.99 0.21	21.92 0.80 0.00
SENECA OSWGO___HYD 24041	8.30 0.01 -3.19	8.45 0.02 -2.77	8.55 0.01 -2.51	7.64 0.01 -2.53	7.60 0.01 -2.50	8.70 0.03 -2.25	13.11 0.06 -1.40	9.91 0.04 -2.83	9.06 0.03 -3.41	14.26 0.07 -2.57	16.16 0.08 -2.27	16.08 0.08 -2.39	16.20 0.08 -2.59	15.91 0.09 -2.64	14.58 0.07 -3.03	12.17 0.04 -3.83	15.29 0.07 -3.63	21.57 0.07 -3.49	28.22 0.07 -4.66	29.34 0.08 -2.96	29.68 0.03 -0.60	27.88 0.00 -0.51	25.38 -0.05 0.00	21.07 -0.04 0.00
SENECA___115KV_TB3 355854	10.30 0.15 -5.06	10.21 0.16 -4.39	10.15 0.14 -3.98	9.26 0.14 -4.01	9.16 0.11 -3.96	10.18 0.19 -3.56	14.20 0.33 -2.22	11.65 0.13 -4.48	11.06 0.05 -5.40	15.69 0.00 -4.06	17.32 -0.08 -3.59	17.31 -0.08 -3.79	17.59 -0.04 -4.10	17.34 -0.03 -4.19	16.30 0.02 -4.79	14.34 -0.02 -6.07	17.37 0.03 -5.75	23.49 -0.05 -5.53	30.62 -0.26 -7.39	30.62 -0.37 -4.69	29.42 -0.58 -0.95	27.63 -0.55 -0.80	25.58 0.15 0.00	21.83 0.72 0.00
SENECA___ENERGY 23797	9.65 0.10 -4.44	9.65 0.13 -3.86	9.65 0.13 -3.50	8.74 0.11 -3.53	8.67 0.10 -3.48	9.72 0.17 -3.13	13.92 0.31 -1.95	11.18 0.20 -3.94	10.51 0.15 -4.74	15.50 0.30 -3.57	17.30 0.33 -3.16	17.26 0.33 -3.33	17.46 0.32 -3.60	17.17 0.32 -3.68	15.97 0.28 -4.21	13.82 0.19 -5.34	16.94 0.30 -5.05	23.34 0.47 -4.86	30.57 0.59 -6.49	31.08 0.66 -4.12	30.47 0.58 -0.84	28.54 0.46 -0.70	25.89 0.46 0.00	21.58 0.46 0.00
SHOEMAKER___GT 23640	21.19 0.33 -15.76	19.71 0.36 -13.69	18.78 0.36 -12.40	17.91 0.31 -12.50	17.73 0.30 -12.34	17.91 0.39 -11.11	19.24 0.66 -6.93	21.40 0.41 -13.95	22.76 0.33 -16.82	25.02 0.66 -12.73	26.00 0.77 -11.41	26.42 0.76 -12.06	27.38 0.76 -13.09	27.28 0.74 -13.36	27.38 0.64 -15.26	28.10 0.48 -19.32	30.65 0.66 -18.40	37.12 1.15 -17.96	49.24 1.57 -24.18	43.59 1.74 -15.55	34.36 1.83 -3.48	32.05 1.75 -2.93	27.30 1.65 -0.22	22.40 1.29 0.00
SHOEMAKR_138KV_BK 111 55601	21.19 0.33 -15.76	19.71 0.36 -13.69	18.78 0.36 -12.39	17.90 0.31 -12.50	17.72 0.30 -12.34	17.91 0.39 -11.10	19.24 0.66 -6.93	21.40 0.41 -13.95	22.76 0.33 -16.82	25.02 0.66 -12.73	26.00 0.77 -11.41	26.41 0.75 -12.06	27.38 0.76 -13.08	27.26 0.72 -13.36	27.38 0.64 -15.25	28.09 0.47 -19.32	30.65 0.66 -18.40	37.10 1.13 -17.95	49.21 1.55 -24.18	43.56 1.71 -15.55	34.36 1.83 -3.48	32.02 1.72 -2.93	27.30 1.65 -0.22	22.40 1.29 0.00

SHOREHAM_IC_1 23715	22.94 0.59 -17.26	21.32 0.67 -14.99	20.21 0.61 -13.57	19.34 0.56 -13.69	19.16 0.56 -13.51	19.33 0.75 -12.16	20.32 1.08 -7.59	23.08 0.75 -15.28	24.64 0.60 -18.42	26.71 1.13 -13.96	27.72 1.37 -12.54	28.17 1.32 -13.25	29.09 1.16 -14.39	29.10 1.23 -14.70	29.30 1.04 -16.77	36.60 0.80 -27.51	39.22 0.97 -26.66	72.75 1.49 -53.25	89.95 2.07 -64.40	45.91 2.32 -17.29	40.88 2.62 -9.21	40.76 2.60 -10.79	36.84 3.08 -8.34	23.72 2.60 -0.01
SHOREHAM_IC_2 23716	22.94 0.59 -17.26	21.32 0.67 -14.99	20.21 0.61 -13.57	19.34 0.56 -13.69	19.16 0.56 -13.51	19.33 0.75 -12.16	20.32 1.08 -7.59	23.08 0.75 -15.28	24.64 0.60 -18.42	26.71 1.13 -13.96	27.72 1.37 -12.54	28.17 1.32 -13.25	29.09 1.16 -14.39	29.10 1.23 -14.70	29.30 1.04 -16.77	36.60 0.80 -27.51	39.22 0.97 -26.66	72.75 1.49 -53.25	89.95 2.07 -64.40	45.91 2.32 -17.29	40.88 2.62 -9.21	40.76 2.60 -10.79	36.84 3.08 -8.34	23.72 2.60 -0.01
SISSONVILLE____ 23735	6.30 -0.18 -1.38	6.86 -0.19 -1.39	7.26 -0.17 -1.41	6.20 -0.17 -1.27	6.19 -0.16 -1.26	7.60 -0.24 -1.42	8.25 -0.40 3.00	4.78 -0.26 2.01	4.53 -0.20 0.89	6.28 -0.40 4.95	11.86 -0.43 1.52	7.05 -0.49 6.07	6.76 -0.64 6.14	7.29 -0.62 5.27	8.58 -0.55 2.35	8.57 -0.36 -0.64	11.46 -0.58 -0.45	12.49 -0.88 4.63	23.21 -1.06 -0.78	25.61 -1.18 -0.50	28.11 -1.05 -0.10	26.74 -0.71 -0.08	24.92 -0.51 0.00	20.63 -0.49 0.00
SITHE_IND_GS1 24169	7.74 -0.07 -2.71	7.94 -0.07 -2.35	8.07 -0.08 -2.13	7.19 -0.07 -2.15	7.14 -0.07 -2.12	8.25 -0.08 -1.91	12.70 -0.14 -1.19	9.37 -0.08 -2.40	8.44 -0.07 -2.89	13.67 -0.14 -2.18	15.57 -0.17 -1.93	15.47 -0.16 -2.03	15.57 -0.16 -2.20	15.26 -0.16 -2.24	13.92 -0.14 -2.57	11.45 -0.10 -3.25	14.53 -0.14 -3.08	20.72 -0.25 -2.97	27.07 -0.38 -3.96	28.39 -0.42 -2.51	29.07 -0.49 -0.51	27.31 -0.49 -0.43	24.94 -0.48 0.00	20.75 -0.36 0.00
SITHE_IND_GS2 24170	7.74 -0.07 -2.71	7.94 -0.07 -2.35	8.07 -0.08 -2.13	7.19 -0.07 -2.15	7.14 -0.07 -2.12	8.25 -0.08 -1.91	12.70 -0.14 -1.19	9.37 -0.08 -2.40	8.44 -0.07 -2.89	13.67 -0.14 -2.18	15.57 -0.17 -1.93	15.47 -0.16 -2.03	15.57 -0.16 -2.20	15.26 -0.16 -2.24	13.92 -0.14 -2.57	11.45 -0.10 -3.25	14.53 -0.14 -3.08	20.72 -0.25 -2.97	27.07 -0.38 -3.96	28.39 -0.42 -2.51	29.07 -0.49 -0.51	27.31 -0.49 -0.43	24.94 -0.48 0.00	20.75 -0.36 0.00
SITHE_IND_GS3 24171	7.74 -0.07 -2.71	7.94 -0.07 -2.35	8.07 -0.08 -2.13	7.19 -0.07 -2.15	7.14 -0.07 -2.12	8.25 -0.08 -1.91	12.70 -0.14 -1.19	9.37 -0.08 -2.40	8.44 -0.07 -2.89	13.67 -0.14 -2.18	15.57 -0.17 -1.93	15.47 -0.16 -2.03	15.57 -0.16 -2.20	15.26 -0.16 -2.24	13.92 -0.14 -2.57	11.45 -0.10 -3.25	14.53 -0.14 -3.08	20.72 -0.25 -2.97	27.07 -0.38 -3.96	28.39 -0.42 -2.51	29.07 -0.49 -0.51	27.31 -0.49 -0.43	24.94 -0.48 0.00	20.75 -0.36 0.00
SITHE_IND_GS4 24172	7.74 -0.07 -2.71	7.94 -0.07 -2.35	8.07 -0.08 -2.13	7.19 -0.07 -2.15	7.14 -0.07 -2.12	8.25 -0.08 -1.91	12.70 -0.14 -1.19	9.37 -0.08 -2.40	8.44 -0.07 -2.89	13.67 -0.14 -2.18	15.57 -0.17 -1.93	15.47 -0.16 -2.03	15.57 -0.16 -2.20	15.26 -0.16 -2.24	13.92 -0.14 -2.57	11.45 -0.10 -3.25	14.53 -0.14 -3.08	20.72 -0.25 -2.97	27.07 -0.38 -3.96	28.39 -0.42 -2.51	29.07 -0.49 -0.51	27.31 -0.49 -0.43	24.94 -0.48 0.00	20.75 -0.36 0.00
SITHE____BATAVIA 24024	9.89 0.18 -4.61	9.89 0.23 -4.00	9.87 0.22 -3.63	8.96 0.20 -3.66	8.88 0.18 -3.61	9.96 0.30 -3.25	14.18 0.50 -2.03	11.37 0.25 -4.08	10.70 0.16 -4.92	15.57 0.24 -3.70	17.28 0.19 -3.27	17.26 0.20 -3.45	17.48 0.22 -3.73	17.23 0.24 -3.81	16.11 0.25 -4.37	13.98 0.16 -5.53	17.10 0.28 -5.24	23.43 0.38 -5.04	30.52 0.30 -6.73	30.91 0.34 -4.27	30.04 0.12 -0.87	28.10 0.00 -0.73	25.63 0.20 0.00	21.75 0.63 0.00
SITHE____INDEPEND 23800	7.74 -0.07 -2.71	7.94 -0.07 -2.35	8.07 -0.08 -2.13	7.19 -0.07 -2.15	7.14 -0.07 -2.12	8.25 -0.08 -1.91	12.70 -0.14 -1.19	9.37 -0.08 -2.40	8.44 -0.07 -2.89	13.66 -0.14 -2.18	15.57 -0.17 -1.93	15.47 -0.16 -2.03	15.57 -0.16 -2.20	15.26 -0.16 -2.24	13.92 -0.14 -2.57	11.45 -0.10 -3.25	14.53 -0.14 -3.08	20.72 -0.25 -2.97	27.07 -0.38 -3.96	28.39 -0.42 -2.51	29.07 -0.49 -0.51	27.31 -0.49 -0.43	24.94 -0.48 0.00	20.75 -0.36 0.00
SITHE____MASSENA 23902	5.18 -0.12 -0.21	5.74 -0.14 -0.23	6.14 -0.13 -0.24	5.18 -0.13 -0.21	5.18 -0.12 -0.21	6.50 -0.17 -0.25	6.47 -0.30 4.88	3.32 -0.19 3.53	3.25 -0.15 2.22	4.23 -0.30 7.09	11.16 -0.34 2.30	5.40 -0.35 7.85	5.18 -0.38 7.98	5.88 -0.37 6.93	7.69 -0.32 3.47	8.07 -0.22 0.00	11.05 -0.35 0.19	11.13 -0.54 6.34	22.85 -0.63 0.00	25.56 -0.74 0.00	28.39 -0.67 0.00	26.79 -0.58 0.00	24.97 -0.46 0.00	20.71 -0.40 0.00
SITHE____OGDNSBRG 24021	6.01 -0.11 -1.02	6.56 -0.12 -1.02	6.96 -0.10 -1.03	5.93 -0.11 -0.93	5.92 -0.10 -0.93	7.30 -0.15 -1.03	7.72 -0.24 3.69	4.37 -0.16 2.51	4.19 -0.12 1.30	5.69 -0.23 5.70	11.81 -0.25 1.75	6.63 -0.29 6.69	6.41 -0.35 6.77	6.99 -0.36 5.83	8.47 -0.32 2.69	8.60 -0.21 -0.51	11.56 -0.34 -0.31	12.33 -0.49 5.19	23.59 -0.52 -0.62	26.12 -0.58 -0.39	28.70 -0.44 -0.08	27.16 -0.27 -0.07	25.22 -0.20 0.00	20.88 -0.23 0.00
SITHE____STERLING 23777	7.06 0.15 -1.81	7.42 0.19 -1.57	7.64 0.19 -1.43	6.70 0.16 -1.44	6.66 0.15 -1.42	7.90 0.21 -1.28	12.84 0.40 -0.80	8.87 0.22 -1.61	7.73 0.18 -1.94	13.50 0.42 -1.46	15.63 0.54 -1.29	15.49 0.53 -1.36	15.53 0.53 -1.47	15.16 0.49 -1.50	13.63 0.43 -1.72	10.79 0.32 -2.18	14.11 0.46 -2.06	20.73 0.74 -1.98	27.12 0.99 -2.65	29.11 1.13 -1.68	30.64 1.25 -0.34	28.78 1.12 -0.29	26.42 0.99 0.00	21.90 0.78 0.00
SLEIGHT__34_KV_TB1 80719	9.39 0.08 -4.21	9.40 0.08 -3.66	9.41 0.07 -3.31	8.51 0.07 -3.34	8.45 0.06 -3.30	9.52 0.13 -2.97	13.73 0.23 -1.85	10.93 0.15 -3.73	10.23 0.12 -4.50	15.24 0.23 -3.38	17.03 0.23 -2.99	17.00 0.24 -3.16	17.19 0.24 -3.41	16.93 0.26 -3.48	15.71 0.23 -3.99	13.50 0.15 -5.06	16.61 0.23 -4.79	22.96 0.34 -4.61	30.04 0.40 -6.15	30.62 0.42 -3.90	30.14 0.29 -0.79	28.23 0.19 -0.67	25.53 0.10 0.00	21.28 0.17 0.00
SOUTH CAIRO____GT 23612	25.15 0.28 -19.77	23.13 0.29 -17.18	21.89 0.31 -15.55	21.05 0.27 -15.68	20.83 0.26 -15.48	20.67 0.31 -13.94	20.91 0.57 -8.69	24.87 0.32 -17.51	26.99 0.27 -21.11	28.01 0.54 -15.85	28.34 0.62 -13.91	28.87 0.60 -14.67	30.00 0.64 -15.83	29.97 0.62 -16.18	30.60 0.55 -18.56	32.23 0.43 -23.50	34.43 0.65 -22.20	40.43 1.21 -21.22	53.40 1.69 -28.23	46.21 2.13 -17.78	34.71 2.24 -3.42	32.20 1.94 -2.89	26.98 1.68 0.13	22.34 1.22 0.00
SOUTH HAMPTN____IC 23720	23.00 0.65 -17.26	21.38 0.74 -14.99	20.27 0.67 -13.57	19.40 0.61 -13.69	19.21 0.61 -13.51	19.41 0.83 -12.16	20.44 1.20 -7.59	23.15 0.83 -15.28	24.70 0.67 -18.42	26.85 1.27 -13.96	27.88 1.53 -12.54	28.34 1.48 -13.25	29.25 1.33 -14.39	29.26 1.38 -14.70	29.43 1.17 -16.77	36.72 0.90 -27.53	39.38 1.12 -26.67	73.09 1.75 -53.34	90.38 2.40 -64.50	46.27 2.68 -17.29	41.30 3.02 -9.22	41.13 2.96 -10.81	37.17 3.38 -8.36	23.97 2.85 -0.01

SOUTHDOWN_115KV_TB1 355954	10.56 0.19 -5.27	10.44 0.20 -4.58	10.37 0.20 -4.15	9.47 0.19 -4.18	9.36 0.14 -4.13	10.35 0.22 -3.71	14.37 0.41 -2.32	11.91 0.20 -4.67	11.33 0.09 -5.63	15.94 0.08 -4.23	17.59 0.04 -3.74	17.58 0.03 -3.95	17.88 0.08 -4.27	17.62 0.08 -4.36	16.58 0.10 -5.00	14.65 0.03 -6.33	17.70 0.13 -5.99	23.93 0.16 -5.76	31.25 0.07 -7.70	31.24 0.05 -4.88	29.99 -0.06 -0.99	28.18 -0.03 -0.84	26.37 0.94 0.00	22.46 1.35 0.00
SOUTHOLD_69_KV_BK 2 55809	23.08 0.73 -17.26	21.47 0.83 -14.99	20.36 0.76 -13.57	19.47 0.68 -13.69	19.29 0.69 -13.51	19.51 0.93 -12.16	20.61 1.37 -7.59	23.27 0.94 -15.28	24.80 0.76 -18.42	27.05 1.46 -13.96	28.10 1.75 -12.54	28.57 1.71 -13.25	29.47 1.54 -14.39	29.48 1.61 -14.70	29.62 1.37 -16.77	36.86 1.04 -27.53	39.60 1.34 -26.67	73.43 2.11 -53.32	90.82 2.87 -64.47	46.80 3.21 -17.29	41.85 3.57 -9.22	41.59 3.42 -10.80	37.59 3.81 -8.35	24.31 3.19 -0.01
SOUTHOLD___IC 23719	23.08 0.72 -17.26	21.47 0.83 -14.99	20.36 0.76 -13.57	19.47 0.68 -13.69	19.29 0.69 -13.51	19.51 0.93 -12.16	20.61 1.37 -7.59	23.27 0.94 -15.28	24.80 0.76 -18.42	27.05 1.46 -13.96	28.10 1.75 -12.54	28.57 1.71 -13.25	29.47 1.54 -14.39	29.48 1.61 -14.70	29.62 1.37 -16.77	36.86 1.04 -27.53	39.60 1.34 -26.67	73.42 2.09 -53.32	90.82 2.86 -64.47	46.80 3.21 -17.29	41.85 3.57 -9.22	41.59 3.42 -10.80	37.59 3.81 -8.35	24.31 3.19 -0.01
SPIERFLS_115KV_TB 1 80737	26.80 0.30 -21.40	24.58 0.33 -18.59	23.26 0.40 -16.84	22.41 0.33 -16.98	22.18 0.33 -16.76	21.92 0.42 -15.08	21.85 0.79 -9.41	26.48 0.49 -18.95	28.86 0.40 -22.85	29.59 0.84 -17.12	29.75 0.99 -14.94	30.35 0.99 -15.76	31.47 0.96 -16.97	31.47 0.95 -17.35	32.12 0.71 -19.93	34.00 0.47 -25.23	36.06 0.70 -23.78	41.78 1.17 -22.60	55.00 1.55 -29.96	46.85 1.79 -18.76	34.33 1.83 -3.44	31.87 1.59 -2.91	26.48 1.30 0.25	22.15 1.03 0.00
ST LAWRENCE____ 23600	4.94 -0.16 0.00	5.47 -0.19 0.00	5.84 -0.18 0.00	4.93 -0.17 0.00	4.93 -0.16 0.00	6.20 -0.22 0.00	5.93 -0.41 5.31	3.00 -0.25 3.80	3.00 -0.20 2.42	3.73 -0.41 7.49	10.95 -0.47 2.39	5.00 -0.46 8.14	4.79 -0.47 8.27	5.53 -0.46 7.19	7.48 -0.40 3.60	8.01 -0.28 0.00	10.97 -0.42 0.20	10.81 -0.63 6.57	22.71 -0.77 0.00	25.43 -0.87 0.00	28.18 -0.87 0.00	26.58 -0.79 0.00	24.74 -0.69 0.00	20.52 -0.59 0.00
STATE_CA_115KV_115_LB 55624	26.32 0.22 -21.00	24.15 0.24 -18.25	22.80 0.25 -16.52	21.97 0.21 -16.66	21.76 0.22 -16.45	21.50 0.28 -14.80	21.40 0.51 -9.23	25.95 0.31 -18.60	28.28 0.24 -22.42	28.92 0.50 -16.79	29.05 0.61 -14.64	29.63 0.60 -15.43	30.76 0.61 -16.61	30.75 0.59 -16.98	31.52 0.52 -19.51	33.37 0.36 -24.71	35.38 0.52 -23.27	40.98 0.88 -22.09	53.89 1.15 -29.25	45.87 1.29 -18.28	33.73 1.37 -3.31	31.43 1.26 -2.80	26.27 1.12 0.27	22.02 0.91 0.00
STATE_ST_34_KV_LOAD 55959	9.68 0.16 -4.43	9.68 0.18 -3.84	9.68 0.17 -3.48	8.77 0.16 -3.51	8.70 0.15 -3.47	9.76 0.22 -3.12	14.01 0.42 -1.95	11.24 0.27 -3.92	10.55 0.21 -4.72	15.62 0.44 -3.56	17.46 0.51 -3.14	17.42 0.50 -3.32	17.63 0.51 -3.58	17.35 0.51 -3.66	16.12 0.44 -4.20	13.91 0.30 -5.31	17.06 0.44 -5.03	23.53 0.68 -4.84	30.84 0.89 -6.47	31.40 1.00 -4.10	30.84 0.96 -0.83	28.92 0.85 -0.70	26.16 0.74 0.00	21.77 0.65 0.00
STATION 5_MISC_HYD 23604	9.44 0.11 -4.23	9.47 0.14 -3.67	9.48 0.13 -3.33	8.58 0.12 -3.35	8.51 0.11 -3.31	9.59 0.19 -2.98	13.83 0.33 -1.86	10.98 0.19 -3.74	10.27 0.14 -4.51	15.27 0.24 -3.40	17.06 0.25 -3.00	17.03 0.26 -3.17	17.22 0.26 -3.43	16.94 0.26 -3.50	15.76 0.26 -4.01	13.54 0.17 -5.08	16.66 0.27 -4.81	23.01 0.38 -4.63	30.06 0.40 -6.18	30.67 0.45 -3.92	30.14 0.29 -0.80	28.21 0.17 -0.67	25.53 0.10 0.00	21.41 0.30 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	9.51 0.15 -4.27	9.52 0.16 -3.71	9.54 0.16 -3.36	8.63 0.14 -3.38	8.56 0.13 -3.34	9.64 0.21 -3.01	13.91 0.38 -1.88	11.07 0.25 -3.78	10.36 0.19 -4.56	15.43 0.37 -3.43	17.24 0.40 -3.03	17.19 0.39 -3.20	17.38 0.39 -3.46	17.12 0.41 -3.53	15.90 0.37 -4.05	13.66 0.24 -5.12	16.81 0.37 -4.85	23.23 0.56 -4.67	30.40 0.68 -6.23	31.02 0.76 -3.95	30.50 0.64 -0.80	28.54 0.49 -0.68	25.86 0.43 0.00	21.58 0.46 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	9.41 0.10 -4.22	9.42 0.10 -3.66	9.43 0.09 -3.32	8.53 0.08 -3.34	8.47 0.07 -3.30	9.53 0.14 -2.97	13.75 0.24 -1.85	10.93 0.15 -3.73	10.22 0.11 -4.50	15.20 0.19 -3.39	16.98 0.18 -2.99	16.95 0.19 -3.16	17.14 0.19 -3.42	16.88 0.21 -3.49	15.69 0.21 -4.00	13.48 0.12 -5.06	16.59 0.21 -4.79	22.91 0.29 -4.61	29.93 0.28 -6.16	30.52 0.32 -3.91	29.99 0.15 -0.79	28.09 0.05 -0.67	25.40 -0.03 0.00	21.26 0.15 0.00
STA_56___34_KV_BUS2 355983	9.41 0.10 -4.22	9.42 0.10 -3.66	9.43 0.09 -3.32	8.53 0.08 -3.34	8.47 0.07 -3.30	9.53 0.14 -2.97	13.75 0.24 -1.85	10.93 0.15 -3.73	10.22 0.11 -4.50	15.20 0.19 -3.39	16.98 0.18 -2.99	16.95 0.19 -3.16	17.14 0.19 -3.42	16.88 0.21 -3.49	15.69 0.21 -4.00	13.48 0.12 -5.06	16.59 0.21 -4.79	22.91 0.29 -4.61	29.93 0.28 -6.16	30.52 0.32 -3.91	29.99 0.15 -0.79	28.09 0.05 -0.67	25.40 -0.03 0.00	21.26 0.15 0.00
STA_67___115KV_BK2 355882	9.45 0.13 -4.23	9.46 0.13 -3.67	9.47 0.12 -3.32	8.57 0.11 -3.35	8.50 0.10 -3.31	9.58 0.18 -2.98	13.81 0.30 -1.86	10.96 0.18 -3.74	10.25 0.13 -4.51	15.24 0.22 -3.40	17.03 0.22 -3.00	16.99 0.22 -3.17	17.19 0.23 -3.42	16.91 0.24 -3.50	15.72 0.23 -4.01	13.52 0.15 -5.07	16.63 0.24 -4.80	22.97 0.34 -4.62	30.01 0.35 -6.17	30.58 0.37 -3.92	30.08 0.23 -0.79	28.15 0.11 -0.67	25.48 0.05 0.00	21.37 0.25 0.00
STA_7___115KV_9TRANS 80674	9.48 0.15 -4.23	9.49 0.16 -3.67	9.50 0.15 -3.33	8.59 0.14 -3.35	8.53 0.12 -3.31	9.61 0.21 -2.98	13.87 0.36 -1.86	11.01 0.22 -3.74	10.29 0.16 -4.51	15.33 0.30 -3.40	17.12 0.30 -3.00	17.08 0.31 -3.17	17.27 0.31 -3.43	17.01 0.33 -3.50	15.80 0.31 -4.01	13.58 0.21 -5.08	16.72 0.32 -4.81	23.10 0.47 -4.63	30.18 0.52 -6.18	30.80 0.58 -3.92	30.28 0.44 -0.80	28.34 0.30 -0.67	25.66 0.23 0.00	21.49 0.38 0.00
STA_82___115KV_TB1 80780	9.47 0.13 -4.24	9.47 0.13 -3.69	9.49 0.13 -3.34	8.58 0.12 -3.36	8.52 0.10 -3.32	9.59 0.18 -2.99	13.83 0.31 -1.87	10.98 0.18 -3.76	10.28 0.13 -4.53	15.27 0.23 -3.41	17.04 0.22 -3.01	17.01 0.23 -3.18	17.20 0.23 -3.44	16.94 0.25 -3.51	15.75 0.24 -4.02	13.54 0.16 -5.09	16.66 0.25 -4.82	22.99 0.34 -4.64	30.04 0.35 -6.20	30.63 0.39 -3.93	30.08 0.23 -0.80	28.18 0.14 -0.67	25.50 0.08 0.00	21.37 0.25 0.00
STEEL___WIND 323596	10.26 0.10 -5.06	10.20 0.15 -4.39	10.15 0.14 -3.98	9.25 0.14 -4.01	9.15 0.10 -3.96	10.17 0.19 -3.56	14.19 0.31 -2.22	11.65 0.13 -4.48	11.06 0.04 -5.40	15.68 -0.01 -4.06	17.30 -0.10 -3.59	17.31 -0.08 -3.79	17.58 -0.05 -4.10	17.32 -0.04 -4.19	16.29 0.01 -4.79	14.33 -0.03 -6.07	17.36 0.02 -5.75	23.47 -0.07 -5.53	30.59 -0.28 -7.39	30.62 -0.37 -4.69	29.39 -0.61 -0.95	27.60 -0.58 -0.80	25.56 0.13 0.00	21.81 0.70 0.00

STEPHTWN_115KV_BK_2 55603	26.20 0.25 -20.85	24.04 0.27 -18.11	22.71 0.28 -16.40	21.88 0.24 -16.53	21.66 0.24 -16.32	21.42 0.31 -14.69	21.40 0.58 -9.17	25.85 0.35 -18.46	28.15 0.29 -22.25	28.89 0.59 -16.67	29.04 0.70 -14.53	29.60 0.68 -15.32	30.71 0.69 -16.49	30.70 0.67 -16.86	31.43 0.57 -19.37	33.23 0.41 -24.52	35.29 0.60 -23.10	40.94 1.01 -21.92	53.83 1.32 -29.03	45.95 1.50 -18.15	33.94 1.60 -3.29	31.57 1.42 -2.78	26.43 1.27 0.27	22.13 1.01 0.00
STEBEN_REC_LFGE 323667	11.24 0.20 -5.94	11.05 0.23 -5.16	10.92 0.23 -4.67	10.02 0.21 -4.71	9.92 0.18 -4.65	10.89 0.28 -4.19	14.77 0.51 -2.61	12.60 0.30 -5.26	12.16 0.20 -6.34	16.75 0.35 -4.77	18.37 0.35 -4.22	18.38 0.33 -4.45	18.67 0.32 -4.81	18.42 0.33 -4.91	17.39 0.28 -5.63	15.59 0.17 -7.13	18.63 0.29 -6.75	24.95 0.45 -6.50	32.68 0.52 -8.68	32.38 0.58 -5.50	30.64 0.46 -1.12	28.78 0.47 -0.94	26.32 0.89 0.00	22.21 1.10 0.00
STILLWATER___SOLAR 323814	26.73 0.28 -21.35	24.51 0.31 -18.55	23.17 0.34 -16.80	22.32 0.29 -16.94	22.10 0.29 -16.72	21.83 0.36 -15.05	21.71 0.68 -9.39	26.36 0.41 -18.91	28.74 0.33 -22.79	29.39 0.69 -17.08	29.51 0.81 -14.89	30.10 0.80 -15.70	31.24 0.80 -16.90	31.25 0.79 -17.28	31.98 0.64 -19.85	33.90 0.46 -25.14	35.94 0.67 -23.68	41.59 1.10 -22.49	54.73 1.46 -29.79	46.59 1.66 -18.63	34.19 1.74 -3.39	31.79 1.56 -2.86	26.51 1.35 0.27	22.19 1.08 0.00
STONY___BROOK 24151	22.88 0.53 -17.26	21.25 0.61 -14.99	20.14 0.54 -13.57	19.29 0.50 -13.69	19.10 0.49 -13.51	19.26 0.67 -12.16	20.19 0.96 -7.59	22.99 0.67 -15.28	24.57 0.53 -18.42	26.59 1.01 -13.96	27.57 1.22 -12.54	28.02 1.17 -13.25	28.95 1.03 -14.39	28.96 1.09 -14.69	29.17 0.92 -16.77	36.83 0.70 -27.84	39.44 0.82 -27.03	74.34 1.24 -55.09	91.60 1.64 -66.47	45.45 1.84 -17.31	40.69 2.12 -9.52	40.83 2.24 -11.21	37.02 2.80 -8.79	23.47 2.34 -0.02
STURGEON_POOL_HYD 23609	22.76 0.25 -17.40	21.05 0.28 -15.12	19.99 0.27 -13.69	19.14 0.23 -13.80	18.94 0.22 -13.63	18.98 0.30 -12.26	19.80 0.50 -7.65	22.76 0.31 -15.41	24.44 0.25 -18.58	26.14 0.50 -14.02	26.85 0.58 -12.46	27.32 0.56 -13.16	28.34 0.55 -14.25	28.27 0.54 -14.55	28.61 0.48 -16.64	29.73 0.36 -21.08	32.07 0.48 -20.01	38.21 0.83 -19.37	50.55 1.10 -25.96	44.34 1.47 -16.57	34.13 1.57 -3.51	31.86 1.53 -2.96	27.03 1.50 -0.10	22.21 1.10 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	21.17 0.30 -15.77	19.68 0.33 -13.70	18.75 0.33 -12.40	17.89 0.28 -12.50	17.71 0.27 -12.35	17.89 0.36 -11.11	19.21 0.39 -6.93	21.39 0.31 -13.96	22.75 0.31 -16.83	24.99 0.63 -12.74	25.96 0.73 -11.42	26.39 0.72 -12.07	27.35 0.72 -13.09	27.23 0.69 -13.37	27.36 0.61 -15.27	28.07 0.44 -19.33	30.60 0.60 -18.41	36.98 1.01 -17.97	49.05 1.36 -24.20	43.36 1.50 -15.56	34.16 1.63 -3.48	31.86 1.56 -2.93	27.15 1.50 -0.22	22.30 1.18 0.00
SWANROAD_115KV_TB1 355699	10.05 0.11 -4.84	9.98 0.12 -4.21	9.94 0.10 -3.81	9.04 0.10 -3.84	8.95 0.07 -3.79	9.98 0.15 -3.41	13.98 0.20 -2.13	11.34 0.01 -4.29	10.73 -0.06 -5.17	15.30 -0.22 -3.89	16.89 -0.36 -3.44	16.89 -0.34 -3.63	17.13 -0.32 -3.92	16.89 -0.29 -4.01	15.87 -0.21 -4.59	13.93 -0.17 -5.81	16.91 -0.19 -5.51	22.87 -0.43 -5.30	29.71 -0.85 -7.07	29.81 -0.97 -4.49	28.71 -1.25 -0.91	26.93 -1.20 -0.77	24.64 -0.79 0.00	21.11 0.00 0.00
SYNERGY___BIOGAS 323694	9.89 0.18 -4.61	9.89 0.23 -4.00	9.87 0.22 -3.63	8.96 0.20 -3.66	8.88 0.18 -3.61	9.96 0.30 -3.25	14.18 0.50 -2.03	11.37 0.25 -4.08	10.70 0.16 -4.92	15.57 0.24 -3.70	17.28 0.19 -3.27	17.26 0.20 -3.45	17.48 0.22 -3.73	17.23 0.24 -3.81	16.11 0.25 -4.37	13.98 0.16 -5.53	17.10 0.28 -5.24	23.43 0.38 -5.04	30.52 0.30 -6.73	30.91 0.34 -4.27	30.04 0.12 -0.87	28.10 0.00 -0.73	25.63 0.20 0.00	21.75 0.63 0.00
SYRACUSE___ENERGY_ST1 323597	9.14 0.11 -3.94	9.20 0.12 -3.42	9.24 0.12 -3.10	8.33 0.11 -3.12	8.27 0.10 -3.08	9.34 0.15 -2.77	13.66 0.28 -1.73	10.71 0.18 -3.48	9.96 0.14 -4.20	15.08 0.29 -3.16	16.95 0.35 -2.79	16.89 0.34 -2.95	17.07 0.35 -3.19	16.78 0.34 -3.26	15.50 0.29 -3.73	13.22 0.20 -4.72	16.35 0.29 -4.47	22.73 0.41 -4.30	29.77 0.54 -5.75	30.53 0.58 -3.65	30.35 0.55 -0.74	28.49 0.49 -0.62	25.86 0.43 0.00	21.51 0.40 0.00
SYRACUSE___ENERGY_ST2 323598	9.14 0.11 -3.94	9.20 0.12 -3.42	9.24 0.12 -3.10	8.33 0.11 -3.12	8.27 0.10 -3.08	9.34 0.15 -2.77	13.66 0.28 -1.73	10.71 0.18 -3.48	9.96 0.14 -4.20	15.08 0.29 -3.16	16.95 0.35 -2.79	16.89 0.34 -2.95	17.07 0.35 -3.19	16.78 0.34 -3.26	15.50 0.29 -3.73	13.22 0.20 -4.72	16.35 0.29 -4.47	22.73 0.41 -4.30	29.77 0.54 -5.75	30.53 0.58 -3.65	30.35 0.55 -0.74	28.49 0.49 -0.62	25.86 0.43 0.00	21.51 0.40 0.00
SYRACUSE___POWER 24017	9.14 0.09 -3.96	9.19 0.10 -3.44	9.23 0.10 -3.11	8.33 0.09 -3.14	8.27 0.08 -3.10	9.33 0.12 -2.79	13.61 0.22 -1.74	10.69 0.15 -3.50	9.95 0.11 -4.22	15.04 0.23 -3.18	16.89 0.28 -2.81	16.84 0.27 -2.96	17.02 0.28 -3.20	16.73 0.28 -3.27	15.48 0.24 -3.75	13.21 0.17 -4.75	16.33 0.24 -4.50	22.68 0.34 -4.33	29.71 0.45 -5.78	30.44 0.47 -3.67	30.23 0.44 -0.74	28.38 0.38 -0.63	25.76 0.33 0.00	21.43 0.32 0.00
TALLMAN__138KV_BK151 55660	21.27 0.31 -15.86	19.77 0.34 -13.77	18.83 0.34 -12.47	17.97 0.29 -12.57	17.79 0.28 -12.42	17.97 0.37 -11.17	19.27 0.65 -6.97	21.49 0.41 -14.04	22.87 0.33 -16.93	25.11 0.67 -12.81	26.07 0.77 -11.49	26.50 0.76 -12.14	27.47 0.76 -13.18	27.35 0.72 -13.45	27.49 0.64 -15.36	28.20 0.46 -19.45	30.73 0.61 -18.53	37.12 1.03 -18.09	49.21 1.36 -24.36	43.50 1.53 -15.67	34.19 1.63 -3.51	31.92 1.59 -2.96	27.18 1.53 -0.23	22.32 1.20 0.00
TEALLAVE_115KV_TB7 355573	8.78 0.07 -3.62	8.87 0.07 -3.14	8.94 0.07 -2.84	8.03 0.06 -2.87	7.97 0.05 -2.83	9.06 0.09 -2.55	13.40 0.16 -1.59	10.36 0.11 -3.20	9.56 0.08 -3.86	14.71 0.17 -2.91	16.58 0.21 -2.57	16.52 0.20 -2.71	16.68 0.22 -2.93	16.38 0.21 -2.99	15.08 0.17 -3.43	12.75 0.12 -4.34	15.87 0.17 -4.11	22.21 0.25 -3.96	29.05 0.28 -5.28	29.97 0.32 -3.35	30.00 0.26 -0.68	28.16 0.22 -0.57	25.61 0.18 0.00	21.30 0.19 0.00
TELGRAPH_34_KV_EAST 80808	9.97 0.17 -4.70	9.92 0.19 -4.08	9.89 0.17 -3.69	8.99 0.16 -3.73	8.91 0.14 -3.68	9.97 0.24 -3.31	14.10 0.38 -2.07	11.36 0.15 -4.16	10.71 0.08 -5.01	15.47 0.07 -3.77	17.13 -0.01 -3.34	17.12 0.00 -3.52	17.35 0.01 -3.80	17.10 0.04 -3.89	16.02 0.08 -4.45	13.96 0.03 -5.64	17.03 0.10 -5.34	23.20 0.05 -5.14	30.21 -0.14 -6.86	30.47 -0.18 -4.35	29.50 -0.44 -0.88	27.65 -0.47 -0.74	25.27 -0.15 0.00	21.51 0.40 0.00
TEMPLE___115KV_TB 2 55572	8.82 0.07 -3.65	8.91 0.08 -3.17	8.97 0.07 -2.87	8.06 0.07 -2.89	8.01 0.06 -2.86	9.09 0.10 -2.57	13.44 0.19 -1.60	10.39 0.12 -3.23	9.60 0.09 -3.89	14.74 0.19 -2.93	16.62 0.22 -2.59	16.55 0.22 -2.73	16.72 0.23 -2.95	16.42 0.22 -3.02	15.14 0.20 -3.46	12.81 0.13 -4.38	15.93 0.20 -4.15	22.27 0.27 -3.99	29.14 0.33 -5.33	30.02 0.34 -3.38	30.03 0.29 -0.69	28.22 0.27 -0.58	25.66 0.23 0.00	21.32 0.21 0.00

TIANA____69_KV_BK 1 55817	22.98 0.63 -17.26	21.36 0.71 -14.99	20.25 0.65 -13.57	19.38 0.59 -13.69	19.19 0.59 -13.51	19.38 0.80 -12.16	20.40 1.16 -7.59	23.12 0.80 -15.28	24.68 0.65 -18.42	26.80 1.22 -13.96	27.83 1.48 -12.54	28.28 1.43 -13.25	29.20 1.27 -14.39	29.20 1.33 -14.70	29.39 1.14 -16.77	36.69 0.86 -27.53	39.33 1.08 -26.67	73.01 1.67 -53.32	90.27 2.30 -64.48	46.14 2.55 -17.29	41.15 2.88 -9.22	41.02 2.85 -10.80	37.06 3.28 -8.35	23.89 2.77 -0.01
TILDEN____115KV_TB1 80814	9.14 0.09 -3.96	9.19 0.10 -3.44	9.23 0.10 -3.11	8.33 0.09 -3.14	8.27 0.08 -3.10	9.33 0.12 -2.79	13.61 0.22 -1.74	10.69 0.15 -3.50	9.95 0.11 -4.22	15.04 0.23 -3.18	16.89 0.28 -2.81	16.84 0.27 -2.96	17.02 0.28 -3.20	16.73 0.28 -3.27	15.48 0.24 -3.75	13.21 0.17 -4.75	16.33 0.24 -4.50	22.68 0.34 -4.33	29.71 0.45 -5.78	30.44 0.47 -3.67	30.23 0.44 -0.74	28.38 0.38 -0.63	25.76 0.33 0.00	21.43 0.32 0.00
TRIGEN____CC 323695	22.75 0.39 -17.26	21.11 0.46 -14.99	20.01 0.41 -13.57	19.17 0.38 -13.69	18.97 0.37 -13.51	19.09 0.51 -12.16	19.96 0.72 -7.59	22.82 0.50 -15.28	24.43 0.40 -18.42	26.35 0.77 -13.96	27.26 0.91 -12.54	27.74 0.88 -13.25	28.71 0.79 -14.39	28.68 0.82 -14.69	28.94 0.69 -16.77	30.04 0.51 -21.23	32.45 0.63 -20.24	38.79 0.99 -19.79	51.52 1.34 -26.69	45.01 1.50 -17.21	34.67 1.71 -3.90	32.41 1.75 -3.29	27.79 2.09 -0.28	22.82 1.71 0.00
TRINITY____115KV__ 4 BK 55933	26.19 0.20 -20.88	24.03 0.23 -18.14	22.69 0.23 -16.43	21.86 0.20 -16.56	21.65 0.20 -16.35	21.40 0.26 -14.72	21.31 0.48 -9.18	25.82 0.28 -18.49	28.13 0.22 -22.29	28.79 0.47 -16.70	28.91 0.55 -14.55	29.49 0.54 -15.34	30.60 0.55 -16.51	30.60 0.54 -16.88	31.36 0.47 -19.40	33.19 0.33 -24.57	35.20 0.48 -23.14	40.78 0.81 -21.96	53.62 1.06 -29.08	45.66 1.18 -18.17	33.62 1.28 -3.29	31.33 1.18 -2.78	26.20 1.04 0.27	21.96 0.84 0.00
UNION____PROCESSING_DRP 323587	9.48 0.13 -4.25	9.48 0.14 -3.69	9.49 0.13 -3.34	8.59 0.12 -3.37	8.52 0.11 -3.32	9.60 0.19 -2.99	13.83 0.31 -1.87	10.99 0.18 -3.76	10.28 0.13 -4.53	15.28 0.24 -3.41	17.06 0.23 -3.02	17.02 0.23 -3.18	17.22 0.24 -3.44	16.94 0.25 -3.51	15.75 0.24 -4.02	13.55 0.16 -5.10	16.67 0.25 -4.83	23.01 0.36 -4.65	30.06 0.38 -6.20	30.63 0.39 -3.93	30.11 0.26 -0.80	28.18 0.14 -0.67	25.50 0.08 0.00	21.39 0.27 0.00
UPPER HUDSON____HYD 24058	26.80 0.30 -21.40	24.58 0.33 -18.59	23.26 0.40 -16.84	22.41 0.33 -16.98	22.18 0.33 -16.76	21.92 0.42 -15.08	21.85 0.79 -9.41	26.48 0.49 -18.95	28.86 0.40 -22.85	29.59 0.84 -17.12	29.75 0.99 -14.94	30.35 0.99 -15.76	31.47 0.96 -16.97	31.47 0.95 -17.35	32.12 0.71 -19.93	34.00 0.47 -25.23	36.06 0.70 -23.78	41.78 1.17 -22.60	55.00 1.55 -29.96	46.85 1.79 -18.76	34.33 1.83 -3.44	31.86 1.59 -2.91	26.48 1.30 0.25	22.15 1.03 0.00
UPPER RAQUET____HYD 24056	6.31 -0.17 -1.38	6.86 -0.19 -1.39	7.26 -0.17 -1.41	6.20 -0.17 -1.27	6.19 -0.16 -1.26	7.60 -0.24 -1.42	8.25 -0.40 3.00	4.78 -0.26 2.01	4.53 -0.20 0.89	6.28 -0.40 4.95	11.86 -0.43 1.52	7.05 -0.49 6.07	6.76 -0.64 6.14	7.29 -0.62 5.27	8.58 -0.55 2.35	8.57 -0.36 -0.64	11.46 -0.58 4.63	12.49 -0.88 -0.78	23.21 -1.06 -0.50	25.61 -1.18 -0.10	28.11 -1.04 -0.10	26.74 -0.71 -0.08	24.92 -0.51 0.00	20.63 -0.48 0.00
VALLEY44_115KV_TB2 355964	10.49 0.06 -5.33	10.34 0.06 -4.63	10.26 0.04 -4.19	9.38 0.05 -4.23	9.28 0.02 -4.17	10.25 0.08 -3.76	14.12 0.13 -2.34	11.80 0.04 -4.72	11.28 -0.02 -5.69	15.77 -0.14 -4.28	17.36 -0.23 -3.78	17.35 -0.24 -3.99	17.64 -0.22 -4.32	17.38 -0.21 -4.41	16.38 -0.16 -5.05	14.52 -0.17 -6.40	17.46 -0.19 -6.06	23.51 -0.32 -5.83	30.71 -0.56 -7.79	30.58 -0.66 -4.94	29.16 -0.90 -1.00	27.37 -0.85 -0.85	25.99 0.56 0.00	22.13 1.01 0.00
VALLEY____115KV_TB 1-4 80826	5.46 -0.06 -0.42	5.96 -0.06 -0.37	6.29 -0.07 -0.33	5.38 -0.06 -0.34	5.37 -0.06 -0.33	6.66 -0.06 -0.30	12.04 -0.09 -0.49	7.57 -0.06 -0.59	6.16 -0.04 -0.59	12.34 -0.05 -0.77	14.22 -0.03 -0.44	14.35 -0.03 -0.78	14.32 -0.03 -0.81	13.90 -0.04 -0.76	12.04 -0.05 -0.61	8.78 -0.02 -0.51	12.05 -0.03 -0.49	18.81 -0.04 -0.84	24.06 -0.05 -0.62	26.67 -0.03 -0.39	29.13 0.00 -0.08	27.47 0.03 -0.07	25.45 0.03 0.00	21.11 0.00 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	15.89 0.32 -10.46	15.12 0.37 -9.09	14.64 0.38 -8.23	13.73 0.33 -8.30	13.60 0.31 -8.19	14.20 0.40 -7.38	17.01 0.76 -4.60	16.76 0.45 -9.27	17.16 0.37 -11.17	20.87 0.84 -8.41	22.26 1.02 -7.43	22.44 0.99 -7.84	23.00 0.99 -8.48	22.76 0.92 -8.66	22.20 0.79 -9.92	21.42 0.56 -12.56	24.26 0.78 -11.90	30.70 1.24 -11.45	40.37 1.60 -15.29	37.81 1.81 -9.70	33.08 2.06 -1.97	30.92 1.89 -1.66	27.18 1.75 0.00	22.53 1.41 0.00
VISCHER____FERRY HYD 24020	26.48 0.22 -21.16	24.29 0.25 -18.38	22.93 0.26 -16.65	22.11 0.22 -16.78	21.88 0.22 -16.57	21.62 0.29 -14.91	21.49 0.54 -9.30	26.10 0.32 -18.74	28.46 0.25 -22.59	29.05 0.52 -16.90	29.12 0.62 -14.69	29.69 0.61 -15.48	30.79 0.61 -16.65	30.81 0.61 -17.03	31.58 0.52 -19.58	33.46 0.37 -24.79	35.44 0.53 -23.32	40.97 0.90 -22.06	53.83 1.17 -29.17	45.79 1.31 -18.17	33.65 1.39 -3.20	31.34 1.26 -2.71	26.21 1.12 0.33	22.02 0.91 0.00
V_A_10_SYNC_DSASP 323832	9.84 0.10 -4.65	9.84 0.14 -4.04	9.81 0.13 -3.66	8.91 0.12 -3.69	8.83 0.10 -3.64	9.88 0.18 -3.28	13.99 0.30 -2.04	11.28 0.13 -4.11	10.63 0.06 -4.96	15.40 0.03 -3.73	17.05 -0.06 -3.30	17.04 -0.04 -3.48	17.27 -0.03 -3.76	17.01 -0.01 -3.85	15.92 0.03 -4.41	13.87 0.00 -5.58	16.92 0.05 -5.28	23.06 -0.04 -5.08	30.02 -0.26 -6.79	30.26 -0.34 -4.31	29.35 -0.58 -0.87	27.53 -0.58 -0.74	24.94 -0.48 0.00	21.18 0.06 0.00
V_CMM_10_SYNC_DSASP 323787	4.95 -0.15 0.00	5.49 -0.17 0.00	5.86 -0.16 0.00	4.95 -0.15 0.00	4.95 -0.14 0.00	6.22 -0.21 0.00	5.97 -0.37 5.31	3.02 -0.23 3.80	3.02 -0.17 2.42	3.77 -0.36 7.49	10.99 -0.43 2.39	5.04 -0.42 8.14	4.85 -0.42 8.27	5.58 -0.41 7.19	7.52 -0.37 3.60	8.05 -0.25 0.00	11.02 -0.37 0.20	10.86 -0.58 6.57	22.78 -0.70 0.00	25.51 -0.79 0.00	28.27 -0.78 0.00	26.66 -0.71 0.00	24.82 -0.61 0.00	20.59 -0.53 0.00
V_CMP_10_SYNC_DSASP 323788	-0.54 -0.30 5.33	-0.53 -0.35 5.84	-0.52 -0.33 6.21	-0.53 -0.31 5.33	-0.53 -0.29 5.33	-0.52 -0.39 6.55	-0.44 -0.68 11.42	-0.48 -0.41 7.11	0.01 -0.33 5.28	-0.02 -0.67 10.97	10.68 -0.77 2.36	4.84 -0.73 8.03	4.68 -0.70 8.15	5.46 -0.63 7.09	7.41 -0.53 3.55	7.96 -0.33 0.00	10.92 -0.48 0.20	10.79 -0.74 6.48	22.71 -0.77 0.00	25.49 -0.82 0.00	28.44 -0.61 0.00	26.85 -0.52 0.00	25.07 -0.36 0.00	20.75 -0.36 0.00
V_E_10_SYNC_DSASP 323830	13.20 0.35 -7.75	12.82 0.44 -6.73	12.56 0.45 -6.09	11.62 0.38 -6.14	11.51 0.36 -6.07	12.38 0.49 -5.46	16.02 0.97 -3.41	14.47 0.57 -6.86	14.36 0.48 -8.27	18.93 1.08 -6.23	20.65 1.34 -5.50	20.70 1.29 -5.81	21.08 1.27 -6.27	20.77 1.19 -6.41	19.83 1.00 -7.34	18.32 0.73 -9.30	21.44 1.04 -8.81	28.18 1.69 -8.48	37.08 2.28 -11.32	36.11 2.63 -7.18	33.44 2.93 -1.46	31.23 2.63 -1.23	27.82 2.39 0.00	23.05 1.94 0.00

V_F_30_NSYNC___DSASP 323816	26.76 0.29 -21.38	24.54 0.32 -18.57	23.19 0.35 -16.82	22.35 0.29 -16.95	22.12 0.29 -16.74	21.85 0.37 -15.07	21.73 0.69 -9.40	26.39 0.42 -18.93	28.77 0.34 -22.82	29.42 0.70 -17.10	29.55 0.83 -14.91	30.16 0.83 -15.72	31.28 0.81 -16.93	31.29 0.80 -17.31	32.04 0.67 -19.89	33.95 0.47 -25.18	36.00 0.68 -23.72	41.68 1.14 -22.54	54.83 1.48 -29.87	46.67 1.68 -18.69	34.24 1.77 -3.41	31.84 1.59 -2.88	26.54 1.37 0.26	22.21 1.10 0.00
V_F_30_SYNC_DSASP 323786	26.31 0.22 -20.99	24.14 0.24 -18.24	22.79 0.25 -16.51	21.97 0.21 -16.65	21.75 0.22 -16.44	21.49 0.28 -14.80	21.39 0.51 -9.23	25.93 0.30 -18.59	28.27 0.24 -22.41	28.91 0.50 -16.79	29.05 0.61 -14.63	29.62 0.60 -15.42	30.73 0.60 -16.60	30.74 0.59 -16.97	31.51 0.52 -19.51	33.36 0.36 -24.70	35.37 0.52 -23.26	40.95 0.86 -22.08	53.88 1.15 -29.24	45.87 1.29 -18.28	33.73 1.37 -3.31	31.43 1.26 -2.80	26.27 1.12 0.27	22.02 0.91 0.00
V_XM_10_SYNC_DSASP 323789	-0.54 -0.30 5.33	-0.53 -0.35 5.84	-0.52 -0.33 6.21	-0.53 -0.31 5.33	-0.53 -0.29 5.33	-0.52 -0.39 6.55	-0.44 -0.68 11.42	-0.48 -0.41 7.11	0.01 -0.33 5.28	-0.02 -0.67 10.97	10.68 -0.77 2.36	4.84 -0.73 8.03	4.68 -0.70 8.15	5.46 -0.63 7.09	7.41 -0.53 3.55	7.96 -0.33 0.00	10.92 -0.48 0.20	10.79 -0.74 6.48	22.71 -0.77 0.00	25.49 -0.82 0.00	28.44 -0.61 0.00	26.85 -0.52 0.00	25.07 -0.36 0.00	20.75 -0.36 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	21.29 0.33 -15.87	19.79 0.35 -13.78	18.86 0.35 -12.48	17.99 0.30 -12.58	17.81 0.29 -12.42	17.99 0.39 -11.18	19.30 0.68 -6.98	21.51 0.42 -14.05	22.89 0.34 -16.94	25.15 0.70 -12.82	26.11 0.80 -11.50	26.54 0.79 -12.15	27.51 0.79 -13.19	27.39 0.75 -13.46	27.52 0.67 -15.37	28.23 0.47 -19.47	30.78 0.65 -18.54	37.19 1.08 -18.10	49.30 1.43 -24.38	43.59 1.60 -15.69	34.28 1.71 -3.51	32.00 1.67 -2.96	27.26 1.60 -0.23	22.36 1.25 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	22.72 0.37 -17.25	21.05 0.40 -14.99	19.99 0.39 -13.57	19.12 0.34 -13.68	18.93 0.33 -13.51	19.03 0.45 -12.16	20.02 0.78 -7.59	22.81 0.49 -15.28	24.43 0.39 -18.42	26.39 0.81 -13.95	27.29 0.94 -12.54	27.78 0.92 -13.25	28.84 0.92 -14.39	28.75 0.88 -14.69	29.03 0.78 -16.76	30.09 0.56 -21.23	32.59 0.76 -20.24	39.02 1.22 -19.79	51.77 1.60 -26.69	45.29 1.79 -17.20	34.87 1.92 -3.90	32.57 1.92 -3.29	27.59 1.88 -0.28	22.61 1.50 0.00
W50THST__13_KV_LOAD 356117	22.75 0.39 -17.25	21.08 0.43 -14.99	20.01 0.42 -13.57	19.14 0.36 -13.68	18.95 0.35 -13.51	19.06 0.48 -12.16	20.07 0.84 -7.59	22.85 0.53 -15.28	24.45 0.42 -18.42	26.45 0.87 -13.95	27.34 0.99 -12.54	27.83 0.98 -13.25	28.91 0.99 -14.39	28.81 0.95 -14.69	29.09 0.84 -16.76	30.13 0.61 -21.23	32.64 0.81 -20.24	39.11 1.31 -19.79	51.89 1.71 -26.69	45.40 1.89 -17.20	34.99 2.03 -3.90	32.68 2.03 -3.29	27.69 1.98 -0.28	22.70 1.58 0.00
WADING RIVER_IC_1 23522	22.94 0.59 -17.26	21.31 0.67 -14.99	20.21 0.61 -13.57	19.34 0.56 -13.69	19.16 0.56 -13.51	19.33 0.75 -12.16	20.31 1.07 -7.59	23.08 0.75 -15.28	24.64 0.60 -18.42	26.71 1.13 -13.96	27.72 1.37 -12.54	28.17 1.32 -13.25	29.09 1.16 -14.39	29.10 1.23 -14.70	29.30 1.04 -16.77	36.65 0.80 -27.56	39.27 0.98 -26.70	72.98 1.51 -53.46	90.19 2.07 -64.64	45.87 2.29 -17.29	40.91 2.62 -9.24	40.81 2.60 -10.83	36.89 3.08 -8.39	23.72 2.60 -0.01
WADING RIVER_IC_2 23547	22.94 0.59 -17.26	21.31 0.67 -14.99	20.21 0.61 -13.57	19.34 0.56 -13.69	19.16 0.56 -13.51	19.33 0.75 -12.16	20.31 1.07 -7.59	23.08 0.75 -15.28	24.64 0.60 -18.42	26.71 1.13 -13.96	27.72 1.37 -12.54	28.17 1.32 -13.25	29.09 1.16 -14.39	29.10 1.23 -14.70	29.30 1.04 -16.77	36.65 0.80 -27.56	39.27 0.98 -26.70	72.98 1.51 -53.46	90.19 2.07 -64.64	45.87 2.29 -17.29	40.91 2.62 -9.24	40.81 2.60 -10.83	36.89 3.08 -8.39	23.72 2.60 -0.01
WADING RIVER_IC_3 23601	22.94 0.59 -17.26	21.31 0.67 -14.99	20.21 0.61 -13.57	19.34 0.56 -13.69	19.16 0.56 -13.51	19.33 0.75 -12.16	20.31 1.07 -7.59	23.08 0.75 -15.28	24.64 0.60 -18.42	26.71 1.13 -13.96	27.72 1.37 -12.54	28.17 1.32 -13.25	29.09 1.16 -14.39	29.10 1.23 -14.70	29.30 1.04 -16.77	36.65 0.80 -27.56	39.27 0.98 -26.70	72.98 1.51 -53.46	90.19 2.07 -64.64	45.87 2.29 -17.29	40.91 2.62 -9.24	40.81 2.60 -10.83	36.89 3.08 -8.39	23.72 2.60 -0.01
WALDENNY_12_KV_BK2 80841	10.29 0.15 -5.04	10.20 0.16 -4.37	10.14 0.15 -3.96	9.24 0.15 -3.99	9.15 0.11 -3.94	10.17 0.20 -3.55	14.20 0.34 -2.21	11.64 0.13 -4.46	11.03 0.04 -5.38	15.67 0.00 -4.05	17.30 -0.08 -3.58	17.29 -0.08 -3.77	17.57 -0.04 -4.08	17.32 -0.03 -4.17	16.28 0.02 -4.77	14.32 -0.02 -6.04	17.36 0.05 -5.72	23.46 -0.05 -5.51	30.56 -0.28 -7.36	30.60 -0.37 -4.67	29.42 -0.58 -0.95	27.62 -0.55 -0.80	25.53 0.10 0.00	21.77 0.65 0.00
WALDEN___HYDRO 24148	21.78 0.30 -16.38	20.22 0.33 -14.23	19.24 0.33 -12.89	18.38 0.28 -12.99	18.19 0.27 -12.83	18.33 0.36 -11.55	19.47 0.62 -7.20	21.93 0.38 -14.51	23.41 0.31 -17.49	25.48 0.63 -13.23	26.36 0.72 -11.84	26.81 0.71 -12.50	27.80 0.70 -13.56	27.71 0.68 -13.84	27.90 0.60 -15.82	28.76 0.44 -20.03	31.25 0.60 -19.06	37.60 1.03 -18.57	49.85 1.39 -24.97	43.91 1.58 -16.03	34.28 1.68 -3.54	31.97 1.61 -2.98	27.15 1.53 -0.20	22.32 1.20 0.00
WARRENSBURG___ 23737	26.80 0.30 -21.40	24.58 0.33 -18.59	23.26 0.40 -16.84	22.41 0.33 -16.98	22.18 0.33 -16.76	21.92 0.42 -15.08	21.85 0.79 -9.41	26.48 0.49 -18.95	28.86 0.40 -22.85	29.59 0.84 -17.12	29.75 0.99 -14.94	30.35 0.99 -15.76	31.47 0.96 -16.97	31.47 0.95 -17.35	32.12 0.71 -19.93	34.00 0.47 -25.23	36.06 0.70 -23.78	41.78 1.17 -22.60	55.00 1.55 -29.96	46.85 1.79 -18.76	34.33 1.83 -3.44	31.86 1.59 -2.91	26.48 1.30 0.25	22.15 1.03 0.00
WATERSIDE___6 8 9 23538	22.72 0.37 -17.25	21.04 0.40 -14.99	19.98 0.38 -13.57	19.11 0.32 -13.68	18.92 0.32 -13.51	19.00 0.42 -12.16	19.93 0.70 -7.59	22.76 0.44 -15.28	24.39 0.35 -18.42	26.31 0.73 -13.95	27.19 0.84 -12.54	27.68 0.83 -13.25	28.74 0.81 -14.39	28.66 0.79 -14.69	28.95 0.70 -16.76	30.03 0.51 -21.23	32.50 0.67 -20.24	38.90 1.10 -19.79	51.58 1.41 -26.69	45.08 1.58 -17.20	34.67 1.71 -3.90	32.38 1.72 -3.29	27.41 1.70 -0.28	22.55 1.44 0.00
WATKINRD_115KV_LN8_ILLION 55919	5.52 0.00 -0.42	6.03 0.00 -0.37	6.36 0.00 -0.33	5.44 0.00 -0.34	5.42 0.00 -0.33	6.73 0.01 -0.30	12.16 0.02 -0.49	7.64 0.01 -0.59	6.22 0.01 -0.59	12.44 0.05 -0.77	14.31 0.07 -0.44	14.45 0.07 -0.78	14.42 0.07 -0.81	14.00 0.07 -0.76	12.15 0.06 -0.61	8.84 0.04 -0.51	12.14 0.06 -0.49	18.95 0.11 -0.84	24.25 0.14 -0.62	26.88 0.18 -0.39	29.34 0.20 -0.08	27.63 0.19 -0.07	25.58 0.15 0.00	21.24 0.13 0.00
WATSON___69_KV_BK 1 55734	22.91 0.56 -17.26	21.28 0.63 -14.99	20.16 0.57 -13.57	19.31 0.52 -13.69	19.12 0.52 -13.51	19.29 0.71 -12.16	20.24 1.00 -7.59	23.03 0.70 -15.28	24.60 0.56 -18.42	26.64 1.06 -13.96	27.62 1.27 -12.54	28.08 1.22 -13.25	29.00 1.07 -14.39	29.00 1.13 -14.69	29.22 0.96 -16.77	33.31 0.73 -24.28	35.84 0.89 -23.36	55.41 1.37 -36.04	70.39 1.90 -45.00	45.68 2.13 -17.25	37.94 2.41 -6.48	36.71 2.41 -6.93	32.52 2.90 -4.19	23.57 2.45 -0.01

WDELAWARE___HYD 323627	20.45 0.33 -15.02	19.07 0.36 -13.05	18.20 0.36 -11.81	17.32 0.31 -11.91	17.15 0.30 -11.76	17.38 0.38 -10.58	18.90 0.65 -6.60	20.74 0.40 -13.30	21.97 0.33 -16.03	24.41 0.67 -12.11	25.38 0.77 -10.80	25.77 0.76 -11.40	26.65 0.76 -12.36	26.52 0.72 -12.62	26.55 0.64 -14.43	27.04 0.48 -18.27	29.61 0.66 -17.36	36.02 1.15 -16.86	47.69 1.57 -22.63	42.52 1.74 -14.48	34.04 1.86 -3.13	31.79 1.78 -2.64	27.24 1.68 -0.13	22.42 1.31 0.00
WEST BABYLON___IC 23714	22.87 0.52 -17.26	21.24 0.59 -14.99	20.13 0.53 -13.57	19.28 0.49 -13.69	19.09 0.48 -13.51	19.24 0.66 -12.16	20.17 0.93 -7.59	22.97 0.65 -15.28	24.55 0.52 -18.42	26.56 0.98 -13.96	27.52 1.17 -12.54	27.98 1.13 -13.25	28.93 1.00 -14.39	28.92 1.05 -14.69	29.15 0.90 -16.77	31.00 0.68 -22.02	33.45 0.82 -21.05	43.27 1.28 -23.99	56.66 1.76 -31.42	45.49 1.97 -17.22	35.89 2.27 -4.57	33.84 2.24 -4.23	29.44 2.72 -1.29	23.39 2.28 0.00
WEST CANADA___HYD 24049	5.54 0.02 -0.42	6.04 0.02 -0.37	6.38 0.02 -0.33	5.45 0.02 -0.34	5.44 0.02 -0.33	6.75 0.03 -0.30	12.18 0.05 -0.49	7.65 0.02 -0.59	6.22 0.02 -0.59	12.44 0.05 -0.77	14.31 0.07 -0.44	14.45 0.07 -0.78	14.42 0.07 -0.81	13.99 0.05 -0.76	12.14 0.05 -0.61	8.84 0.04 -0.51	12.14 0.06 -0.49	18.93 0.09 -0.84	24.22 0.12 -0.62	26.83 0.13 -0.39	29.28 0.15 -0.08	27.58 0.14 -0.07	25.53 0.10 0.00	21.20 0.08 0.00
WESTERN_NY_WIND 24143	9.96 0.21 -4.64	9.92 0.23 -4.03	9.90 0.22 -3.65	8.99 0.20 -3.68	8.91 0.18 -3.64	9.99 0.30 -3.27	14.18 0.49 -2.04	11.39 0.24 -4.11	10.72 0.15 -4.96	15.59 0.23 -3.73	17.29 0.18 -3.30	17.26 0.18 -3.48	17.49 0.19 -3.76	17.23 0.21 -3.84	16.12 0.23 -4.40	14.01 0.14 -5.57	17.13 0.27 -5.28	23.43 0.34 -5.08	30.53 0.26 -6.78	30.89 0.29 -4.30	29.98 0.06 -0.87	28.05 -0.05 -0.74	25.61 0.18 0.00	21.73 0.61 0.00
WESTOVER___LESR 323668	12.98 0.19 -7.69	12.55 0.21 -6.68	12.29 0.21 -6.05	11.39 0.18 -6.10	11.29 0.17 -6.02	12.09 0.24 -5.42	15.47 0.44 -3.38	14.12 0.27 -6.81	14.03 0.20 -8.21	18.20 0.40 -6.18	19.73 0.46 -5.46	19.82 0.45 -5.77	20.21 0.45 -6.23	19.98 0.43 -6.37	19.16 0.38 -7.29	17.79 0.26 -9.24	20.70 0.37 -8.75	26.98 0.56 -8.42	35.43 0.70 -11.24	34.22 0.79 -7.13	31.28 0.78 -1.45	29.33 0.74 -1.22	26.29 0.86 0.00	21.94 0.82 0.00
WETHRSFD_WT_PWR 323626	10.59 0.08 -5.41	10.49 0.13 -4.70	10.40 0.12 -4.26	9.51 0.12 -4.29	9.41 0.08 -4.24	10.40 0.16 -3.81	14.30 0.27 -2.38	11.95 0.11 -4.79	11.43 0.04 -5.78	15.96 -0.01 -4.35	17.57 -0.08 -3.84	17.59 -0.07 -4.06	17.85 -0.07 -4.38	17.60 -0.05 -4.48	16.60 -0.01 -5.13	14.75 -0.04 -6.50	17.74 0.00 -6.15	23.86 -0.07 -5.92	31.16 -0.23 -7.91	31.05 -0.26 -5.01	29.61 -0.47 -1.02	27.79 -0.44 -0.86	25.53 0.10 0.00	21.68 0.57 0.00
WHAVSTOR_138KV_BK127 55557	21.27 0.31 -15.87	19.78 0.33 -13.78	18.84 0.33 -12.48	17.97 0.29 -12.59	17.79 0.27 -12.43	17.98 0.37 -11.18	19.27 0.64 -6.98	21.50 0.40 -14.05	22.87 0.32 -16.94	25.11 0.66 -12.82	26.08 0.77 -11.50	26.50 0.75 -12.15	27.47 0.74 -13.19	27.35 0.71 -13.46	27.49 0.63 -15.37	28.21 0.45 -19.47	30.74 0.60 -18.55	37.12 1.01 -18.10	49.21 1.34 -24.39	43.49 1.50 -15.69	34.17 1.60 -3.52	31.89 1.56 -2.96	27.15 1.50 -0.23	22.30 1.18 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	21.27 0.31 -15.87	19.78 0.33 -13.78	18.84 0.33 -12.48	17.97 0.29 -12.59	17.79 0.27 -12.43	17.98 0.37 -11.18	19.27 0.64 -6.98	21.50 0.40 -14.05	22.87 0.32 -16.94	25.11 0.66 -12.82	26.08 0.77 -11.50	26.50 0.75 -12.15	27.47 0.74 -13.19	27.35 0.71 -13.46	27.49 0.63 -15.37	28.21 0.45 -19.47	30.74 0.60 -18.55	37.12 1.01 -18.10	49.21 1.34 -24.39	43.49 1.50 -15.69	34.17 1.60 -3.52	31.89 1.56 -2.96	27.15 1.50 -0.23	22.30 1.18 0.00
WHITEHAL_115KV_TB1 80871	26.89 0.40 -21.39	24.67 0.43 -18.58	23.35 0.50 -16.83	22.48 0.41 -16.97	22.25 0.41 -16.75	22.02 0.53 -15.08	22.06 1.00 -9.41	26.60 0.62 -18.94	28.96 0.51 -22.84	29.81 1.07 -17.11	30.01 1.27 -14.93	30.60 1.25 -15.74	31.64 1.15 -16.95	31.64 1.13 -17.33	32.27 0.87 -19.91	34.12 0.61 -25.21	36.26 0.92 -23.76	42.11 1.53 -22.58	55.45 2.04 -29.92	47.53 2.50 -18.73	35.04 2.56 -3.43	32.46 2.19 -2.90	26.98 1.81 0.25	22.55 1.44 0.00
WHITEPLN_13_KV_LOAD 356215	22.70 0.37 -17.23	21.04 0.41 -14.97	19.99 0.41 -13.55	19.11 0.35 -13.66	18.92 0.34 -13.49	19.03 0.46 -12.14	20.05 0.83 -7.58	22.82 0.52 -15.26	24.42 0.42 -18.39	26.41 0.85 -13.93	27.33 0.99 -12.52	27.81 0.98 -13.23	28.87 0.96 -14.37	28.78 0.94 -14.67	29.05 0.83 -16.74	30.09 0.60 -21.20	32.62 0.82 -20.21	39.12 1.35 -19.77	51.92 1.78 -26.66	45.45 1.97 -17.18	35.07 2.12 -3.90	32.71 2.05 -3.28	27.67 1.96 -0.28	22.65 1.54 0.00
WM_FLOYD_69_KV_BK2 356380	22.94 0.58 -17.26	21.31 0.66 -14.99	20.19 0.60 -13.57	19.34 0.55 -13.69	19.15 0.54 -13.51	19.33 0.74 -12.16	20.30 1.06 -7.59	23.06 0.74 -15.28	24.62 0.59 -18.42	26.70 1.12 -13.96	27.69 1.34 -12.54	28.14 1.29 -13.25	29.08 1.15 -14.39	29.07 1.20 -14.70	29.28 1.02 -16.77	36.49 0.78 -27.42	39.11 0.96 -26.56	72.23 1.48 -52.75	89.33 2.02 -63.83	45.85 2.26 -17.29	40.74 2.56 -9.13	40.59 2.55 -10.67	36.67 3.03 -8.22	23.70 2.58 -0.01
WOODARD___115KV_TB2 355635	8.79 0.05 -3.64	8.88 0.06 -3.16	8.94 0.05 -2.86	8.04 0.05 -2.89	7.98 0.04 -2.85	9.06 0.08 -2.57	13.39 0.14 -1.60	10.36 0.09 -3.22	9.57 0.07 -3.89	14.70 0.15 -2.93	16.56 0.17 -2.58	16.51 0.18 -2.73	16.66 0.18 -2.95	16.37 0.18 -3.01	15.08 0.15 -3.45	12.76 0.10 -4.37	15.88 0.15 -4.14	22.19 0.20 -3.98	29.04 0.23 -5.32	29.94 0.26 -3.37	29.94 0.20 -0.68	28.11 0.16 -0.58	25.55 0.13 0.00	21.24 0.13 0.00
YORK___WARBASSE 23770	22.75 0.39 -17.25	21.07 0.42 -14.99	19.99 0.40 -13.57	19.13 0.34 -13.68	18.94 0.34 -13.51	19.02 0.44 -12.16	19.97 0.73 -7.59	22.78 0.46 -15.28	24.40 0.37 -18.42	26.36 0.78 -13.95	27.25 0.90 -12.54	27.74 0.88 -13.25	28.79 0.87 -14.39	28.71 0.84 -14.69	29.01 0.76 -16.76	30.06 0.54 -21.23	32.56 0.73 -20.24	38.99 1.19 -19.79	51.70 1.53 -26.69	45.21 1.71 -17.20	34.84 1.89 -3.90	32.52 1.86 -3.29	27.54 1.83 -0.28	22.63 1.52 0.00