

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/19/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	29.93	29.14	27.50	27.49	27.77	29.55	31.29	30.84	29.05	27.86	28.22	28.22	27.58	27.74	29.13	31.30	40.75	51.80	46.34	43.68	40.20	37.30	33.07	30.59
24138	1.04	0.65	0.68	0.65	0.66	0.87	1.04	0.67	1.02	0.77	1.11	1.12	1.35	1.22	1.12	1.55	2.00	2.26	2.46	2.28	2.20	1.98	1.93	1.76
	-12.17	-17.80	-15.66	-15.63	-15.89	-13.84	-11.91	-19.26	-12.28	-15.38	-9.20	-9.13	-5.71	-7.44	-10.26	-5.23	-6.95	-9.79	-2.12	-4.04	-1.86	-5.34	0.00	0.00
74TH STREET_GT_1	29.97	29.16	27.52	27.51	27.74	29.56	31.31	30.84	29.05	27.87	28.26	28.26	27.60	27.76	29.15	31.32	40.78	51.84	46.42	43.72	40.23	37.34	33.10	30.64
24260	1.07	0.67	0.70	0.67	0.63	0.89	1.06	0.67	1.02	0.78	1.15	1.15	1.37	1.24	1.14	1.57	2.03	2.31	2.55	2.32	2.24	2.01	1.96	1.82
	-12.17	-17.80	-15.66	-15.63	-15.89	-13.84	-11.91	-19.27	-12.28	-15.39	-9.20	-9.13	-5.71	-7.44	-10.26	-5.23	-6.95	-9.79	-2.12	-4.04	-1.86	-5.34	0.00	0.00
74TH STREET_GT_2	29.97	29.16	27.52	27.51	27.74	29.56	31.31	30.84	29.05	27.87	28.26	28.26	27.60	27.76	29.15	31.32	40.78	51.84	46.42	43.72	40.23	37.34	33.10	30.64
24261	1.07	0.67	0.70	0.67	0.63	0.89	1.06	0.67	1.02	0.78	1.15	1.15	1.37	1.24	1.14	1.57	2.03	2.31	2.55	2.32	2.24	2.01	1.96	1.82
	-12.17	-17.80	-15.66	-15.63	-15.89	-13.84	-11.91	-19.27	-12.28	-15.39	-9.20	-9.13	-5.71	-7.44	-10.26	-5.23	-6.95	-9.79	-2.12	-4.04	-1.86	-5.34	0.00	0.00
ADK HUDSON___FALLS	32.88	33.37	31.23	31.22	31.61	32.98	34.35	35.42	32.03	31.50	30.52	30.46	28.91	29.49	31.59	32.66	42.75	54.91	47.54	44.99	40.88	38.55	33.44	31.08
24011	1.15	0.75	0.77	0.75	0.80	1.08	1.34	0.76	1.15	0.83	1.27	1.22	1.35	1.24	1.19	1.69	2.38	3.10	3.17	2.65	2.46	1.98	2.30	2.25
	-15.00	-21.94	-19.30	-19.27	-19.59	-17.06	-14.68	-23.75	-15.13	-18.96	-11.33	-11.25	-7.04	-9.17	-12.65	-6.45	-8.57	-12.07	-2.62	-4.98	-2.29	-6.58	0.00	0.00
ADK RESOURCE___RCVRY	33.00	33.46	31.32	31.31	31.71	33.10	34.49	35.53	32.18	31.61	30.67	30.62	29.07	29.63	31.72	32.83	43.07	55.35	47.96	45.37	41.21	38.82	33.69	31.25
23798	1.27	0.82	0.85	0.83	0.89	1.20	1.47	0.86	1.29	0.94	1.42	1.38	1.52	1.37	1.31	1.86	2.70	3.54	3.59	3.03	2.78	2.25	2.55	2.42
	-15.01	-21.95	-19.31	-19.28	-19.60	-17.07	-14.68	-23.76	-15.14	-18.97	-11.34	-11.26	-7.04	-9.17	-12.66	-6.45	-8.57	-12.07	-2.62	-4.98	-2.29	-6.58	0.00	0.00
ADK S GLENS___FALLS	32.88	33.37	31.23	31.22	31.61	32.98	34.35	35.42	32.03	31.50	30.52	30.46	28.91	29.49	31.59	32.66	42.75	54.91	47.54	44.99	40.88	38.55	33.44	31.08
24028	1.15	0.75	0.77	0.75	0.80	1.08	1.34	0.76	1.15	0.83	1.27	1.22	1.35	1.24	1.19	1.69	2.38	3.10	3.17	2.65	2.46	1.98	2.30	2.25
	-15.00	-21.94	-19.30	-19.27	-19.59	-17.06	-14.68	-23.75	-15.13	-18.96	-11.33	-11.25	-7.04	-9.17	-12.65	-6.45	-8.57	-12.07	-2.62	-4.98	-2.29	-6.58	0.00	0.00
ADK_NYS___DAM	31.96	32.39	30.32	30.33	30.69	32.01	33.40	34.37	31.10	30.60	29.77	29.75	28.27	28.87	30.86	32.11	41.87	53.89	46.71	44.31	40.45	38.03	32.97	30.41
23527	0.72	0.47	0.48	0.47	0.51	0.67	0.86	0.48	0.71	0.54	0.88	0.88	0.94	0.92	0.87	1.35	1.78	2.47	2.42	2.13	2.09	1.68	1.84	1.58
	-14.52	-21.23	-18.68	-18.65	-18.96	-16.51	-14.21	-22.98	-14.65	-18.36	-10.97	-10.89	-6.81	-8.87	-12.24	-6.24	-8.29	-11.68	-2.53	-4.82	-2.22	-6.37	0.00	0.00
AIR_PRODUCTS___DRP	31.45	32.10	30.01	30.02	30.36	31.54	32.76	34.08	30.63	30.26	29.16	29.15	27.64	28.26	30.25	31.15	40.66	52.15	45.01	42.80	38.94	36.83	31.60	29.23
24190	0.15	0.10	0.10	0.09	0.10	0.13	0.17	0.10	0.17	0.13	0.23	0.23	0.29	0.27	0.21	0.37	0.54	0.68	0.71	0.60	0.58	0.45	0.47	0.40
	-14.58	-21.32	-18.76	-18.72	-19.03	-16.58	-14.26	-23.07	-14.70	-18.43	-11.01	-10.93	-6.84	-8.91	-12.29	-6.27	-8.33	-11.73	-2.54	-4.83	-2.23	-6.39	0.00	0.00
AKWESSNE_115KV_BK	15.03	10.15	10.44	10.35	10.42	13.44	17.26	10.92	14.91	11.30	16.69	16.83	18.88	17.51	16.43	22.34	29.99	39.00	40.96	36.77	34.68	28.54	29.21	27.33
355683	-2.16	-1.21	-1.31	-1.45	-1.40	-1.91	-1.52	-0.72	-1.31	-0.98	-1.58	-1.49	-1.85	-1.85	-1.70	-2.38	-2.07	-1.11	-0.88	-0.75	-1.52	-1.65	-1.93	-1.50
	-0.46	-0.67	-0.59	-0.59	-0.60	-0.52	-0.45	-0.73	-0.46	-0.58	-0.35	-0.35	-0.22	-0.28	-0.39	-0.20	-0.26	-0.37	-0.08	-0.15	-0.07	-0.20	0.00	0.00
ALBANY___1	31.45	32.10	30.01	30.02	30.36	31.54	32.76	34.08	30.63	30.26	29.16	29.15	27.64	28.26	30.25	31.15	40.66	52.15	45.01	42.80	38.94	36.83	31.60	29.23
23571	0.15	0.10	0.10	0.09	0.10	0.13	0.17	0.10	0.17	0.13	0.23	0.23	0.29	0.27	0.21	0.37	0.54	0.68	0.71	0.60	0.58	0.45	0.47	0.40
	-14.58	-21.32	-18.76	-18.72	-19.03	-16.58	-14.26	-23.07	-14.70	-18.43	-11.01	-10.93	-6.84	-8.91	-12.29	-6.27	-8.33	-11.73	-2.54	-4.83	-2.23	-6.39	0.00	0.00
ALBANY___2	31.45	32.10	30.01	30.02	30.36	31.54	32.76	34.08	30.63	30.26	29.16	29.15	27.64	28.26	30.25	31.15	40.66	52.15	45.01	42.80	38.94	36.83	31.60	29.23
23572	0.15	0.10	0.10	0.09	0.10	0.13	0.17	0.10	0.17	0.13	0.23	0.23	0.29	0.27	0.21	0.37	0.54	0.68	0.71	0.60	0.58	0.45	0.47	0.40
	-14.58	-21.32	-18.76	-18.72	-19.03	-16.58	-14.26	-23.07	-14.70	-18.43	-11.01	-10.93	-6.84	-8.91	-12.29	-6.27	-8.33	-11.73	-2.54	-4.83	-2.23	-6.39	0.00	0.00
ALBANY___3	31.45	32.10	30.01	30.02	30.36	31.54	32.76	34.08	30.63	30.26	29.16	29.15	27.64	28.26	30.25	31.15	40.66	52.15	45.01	42.80	38.94	36.83	31.60	29.23
23573	0.15	0.10	0.10	0.09	0.10	0.13	0.17	0.10	0.17	0.13	0.23	0.23	0.29	0.27	0.21	0.37	0.54	0.68	0.71	0.60	0.58	0.45	0.47	0.40
	-14.58	-21.32	-18.76	-18.72	-19.03	-16.58	-14.26	-23.07	-14.70	-18.43	-11.01	-10.93	-6.84	-8.91	-12.29	-6.27	-8.33	-11.73	-2.54	-4.83	-2.23	-6.39	0.00	0.00

ALBANY___4 23574	31.45 0.15 -14.58	32.10 0.10 -21.32	30.01 0.10 -18.76	30.02 0.09 -18.72	30.36 0.10 -19.03	31.54 0.13 -16.58	32.76 0.17 -14.26	34.08 0.10 -23.07	30.63 0.17 -14.70	30.26 0.13 -18.43	29.16 0.23 -11.01	29.15 0.23 -10.93	27.64 0.29 -6.84	28.26 0.27 -8.91	30.25 0.21 -12.29	31.15 0.37 -6.27	40.66 0.54 -8.33	52.15 0.68 -11.73	45.01 0.71 -2.54	42.80 0.60 -4.83	38.94 0.58 -2.23	36.83 0.45 -6.39	31.60 0.47 0.00	29.23 0.40 0.00
ALBANY___LFGE 323615	31.74 0.32 -14.70	32.38 0.20 -21.49	30.28 0.21 -18.91	30.30 0.21 -18.88	30.64 0.22 -19.19	31.84 0.30 -16.72	33.06 0.35 -14.38	34.38 0.21 -23.26	30.92 0.35 -14.83	30.54 0.26 -18.58	29.43 0.41 -11.10	29.44 0.43 -11.02	27.90 0.49 -6.90	28.52 0.46 -8.98	30.55 0.41 -12.39	31.47 0.64 -6.32	41.11 0.92 -8.40	52.72 1.15 -11.82	45.48 1.17 -2.56	43.25 1.01 -4.87	39.35 0.98 -2.25	37.21 0.78 -6.45	31.95 0.81 0.00	29.52 0.69 0.00
ALCOA_PA_115KV_PL-6C 55860	15.17 -2.04 -0.49	10.28 -1.12 -0.71	10.57 -1.22 -0.62	10.46 -1.37 -0.62	10.54 -1.31 -0.63	13.57 -1.81 -0.55	17.40 -1.41 -0.47	11.04 -0.64 -0.77	15.04 -1.20 -0.49	11.40 -0.91 -0.61	16.82 -1.47 -0.37	16.96 -1.38 -0.36	19.02 -1.72 -0.23	17.64 -1.74 -0.30	16.56 -1.60 -0.41	22.50 -2.23 -0.21	30.22 -1.84 -0.28	39.30 -0.83 -0.39	41.30 -0.54 -0.08	37.04 -0.49 -0.16	34.94 -1.26 -0.07	28.73 -1.47 -0.21	29.42 -1.71 0.00	27.56 -1.27 0.00
ALCOA_RYNLDS___DRP 24188	15.17 -2.04 -0.49	10.28 -1.12 -0.71	10.57 -1.22 -0.62	10.46 -1.37 -0.62	10.54 -1.31 -0.63	13.57 -1.81 -0.55	17.40 -1.41 -0.47	11.04 -0.64 -0.77	15.04 -1.20 -0.49	11.40 -0.91 -0.61	16.82 -1.47 -0.37	16.96 -1.38 -0.36	19.02 -1.72 -0.23	17.64 -1.74 -0.30	16.56 -1.60 -0.41	22.50 -2.23 -0.21	30.22 -1.84 -0.28	39.30 -0.83 -0.39	41.30 -0.54 -0.08	37.04 -0.49 -0.16	34.94 -1.26 -0.07	28.73 -1.47 -0.21	29.42 -1.71 0.00	27.56 -1.27 0.00
ALCOA___DSASP 323711	15.17 -2.04 -0.49	10.28 -1.12 -0.71	10.57 -1.22 -0.62	10.46 -1.37 -0.62	10.54 -1.31 -0.63	13.57 -1.81 -0.55	17.40 -1.41 -0.47	11.04 -0.64 -0.77	15.04 -1.20 -0.49	11.40 -0.91 -0.61	16.82 -1.47 -0.37	16.96 -1.38 -0.36	19.02 -1.72 -0.23	17.64 -1.74 -0.30	16.56 -1.60 -0.41	22.50 -2.23 -0.21	30.19 -1.88 -0.28	39.30 -0.84 -0.39	41.30 -0.54 -0.08	37.04 -0.49 -0.16	34.91 -1.30 -0.07	28.73 -1.47 -0.21	29.83 -1.31 0.00	27.93 -0.89 0.00
ALLEGHENY___COGEN 23514	20.76 0.65 -3.38	16.02 0.40 -4.94	15.93 0.42 -4.35	15.98 0.44 -4.34	16.08 0.45 -4.41	19.25 0.58 -3.84	22.23 0.59 -3.30	16.55 0.29 -5.35	19.44 0.28 -3.41	16.11 0.14 -4.27	20.67 0.20 -2.55	20.64 0.13 -2.53	22.20 0.10 -1.59	21.28 0.13 -2.06	20.72 0.13 -2.85	26.27 0.30 -1.45	34.58 0.86 -1.93	43.81 1.35 -2.72	44.12 1.79 -0.57	40.02 1.53 -1.12	38.35 1.70 -0.52	32.70 1.23 -1.48	32.26 1.12 0.00	29.98 1.15 0.00
ALTAMONT_115KV_TB 2 55880	31.71 0.40 -14.58	32.27 0.26 -21.32	30.19 0.27 -18.76	30.20 0.27 -18.73	30.53 0.27 -19.04	31.77 0.36 -16.58	33.02 0.42 -14.26	34.24 0.25 -23.08	30.85 0.39 -14.71	30.43 0.29 -18.43	29.38 0.45 -11.02	29.37 0.45 -10.94	27.87 0.51 -6.84	28.47 0.48 -8.91	30.49 0.44 -12.29	31.47 0.69 -6.27	41.04 0.92 -8.33	52.63 1.15 -11.73	45.51 1.21 -2.54	43.28 1.08 -4.84	39.41 1.05 -2.23	37.25 0.87 -6.39	32.04 0.90 0.00	29.63 0.81 0.00
ALTONA_WT_PWR 323606	14.99 -2.19 -0.46	10.13 -1.23 -0.67	10.42 -1.33 -0.59	10.30 -1.49 -0.59	10.39 -1.43 -0.60	13.39 -1.96 -0.52	17.21 -1.58 -0.45	10.89 -0.74 -0.72	14.87 -1.34 -0.46	11.26 -1.02 -0.58	16.63 -1.63 -0.35	16.76 -1.56 -0.34	18.78 -1.95 -0.21	17.40 -1.97 -0.28	16.34 -1.79 -0.39	22.22 -2.50 -0.20	29.95 -2.10 -0.26	39.12 -0.99 -0.37	41.25 -0.58 -0.08	36.92 -0.60 -0.15	34.75 -1.45 -0.07	28.54 -1.65 -0.20	29.71 -1.43 0.00	27.85 -0.98 0.00
AMERICAN_REF_FUEL 24010	19.36 -0.50 -3.13	14.97 -0.30 -4.58	14.91 -0.28 -4.03	14.94 -0.29 -4.03	15.01 -0.30 -4.09	17.95 -0.44 -3.56	20.52 -0.88 -3.07	15.20 -0.68 -4.96	17.89 -1.02 -3.16	14.94 -0.73 -3.96	19.28 -1.00 -2.37	19.29 -1.04 -2.35	20.86 -1.13 -1.47	19.93 -1.07 -1.92	19.38 -1.01 -2.64	24.42 -1.45 -1.35	31.80 -1.78 -1.79	39.72 -2.54 -2.52	39.69 -2.55 -0.48	35.98 -2.43 -1.04	34.62 -1.99 -0.48	29.74 -1.62 -1.37	29.46 -1.68 0.00	27.59 -1.24 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	19.91 -0.15 -3.34	15.52 -0.05 -4.88	15.44 -0.01 -4.29	15.51 0.02 -4.29	15.62 0.05 -4.36	18.67 0.04 -3.80	21.42 -0.18 -3.27	15.96 -0.23 -5.28	18.69 -0.42 -3.37	15.59 -0.33 -4.22	19.97 -0.47 -2.52	19.98 -0.50 -2.50	21.51 -0.57 -1.57	20.63 -0.50 -2.04	20.17 -0.39 -2.81	25.42 -0.54 -1.43	33.28 -0.41 -1.91	41.91 -0.52 -2.68	41.86 -0.42 -0.53	37.95 -0.52 -1.11	36.42 -0.22 -0.51	31.30 -0.15 -1.46	31.04 -0.09 0.00	28.94 0.12 0.00
ARTHUR_KILL_GT_1 23520	30.33 1.42 -12.18	29.38 0.89 -17.81	27.75 0.93 -15.67	27.72 0.89 -15.63	28.00 0.89 -15.89	29.71 1.04 -13.84	31.36 1.12 -11.91	30.80 0.62 -19.27	28.91 0.88 -12.28	27.78 0.69 -15.39	28.08 0.97 -9.20	28.10 0.99 -9.13	27.46 1.23 -5.71	27.64 1.13 -7.44	29.04 1.03 -10.26	31.15 1.40 -5.23	40.56 1.81 -6.95	51.44 1.91 -9.78	46.00 2.13 -2.11	43.37 1.98 -4.03	40.01 2.02 -1.86	37.46 2.13 -5.34	33.35 2.21 0.00	31.02 2.19 0.00
ARTHUR_KILL_2 23512	30.28 1.37 -12.18	29.35 0.86 -17.81	27.72 0.89 -15.67	27.69 0.85 -15.63	27.97 0.85 -15.89	29.67 0.99 -13.84	31.31 1.06 -11.91	30.78 0.60 -19.27	28.86 0.83 -12.28	27.75 0.67 -15.39	28.04 0.93 -9.20	28.04 0.93 -9.13	27.41 1.19 -5.71	27.59 1.07 -7.44	28.99 0.98 -10.26	31.08 1.32 -5.23	40.46 1.72 -6.95	51.32 1.79 -9.78	45.87 2.00 -2.11	43.26 1.87 -4.03	39.91 1.91 -1.86	37.37 2.04 -5.34	33.26 2.12 0.00	30.93 2.10 0.00
ARTHUR_KILL_3 23513	29.78 0.89 -12.17	29.06 0.58 -17.80	27.42 0.60 -15.66	27.40 0.56 -15.63	27.68 0.57 -15.89	29.41 0.74 -13.84	31.14 0.90 -11.91	30.75 0.58 -19.26	28.95 0.93 -12.28	27.79 0.70 -15.39	28.10 0.98 -9.20	28.10 0.99 -9.13	27.43 1.21 -5.71	27.61 1.09 -7.44	29.00 0.99 -10.26	31.10 1.35 -5.23	40.46 1.72 -6.95	51.33 1.79 -9.79	45.84 1.96 -2.12	43.30 1.90 -4.04	39.90 1.91 -1.86	37.03 1.71 -5.34	32.79 1.65 0.00	30.35 1.53 0.00
ARTHUR_KILL_COGEN 323718	30.33 1.42 -12.18	29.38 0.89 -17.81	27.75 0.93 -15.67	27.72 0.89 -15.63	28.00 0.89 -15.89	29.71 1.04 -13.84	31.36 1.12 -11.91	30.80 0.62 -19.27	28.91 0.88 -12.28	27.78 0.69 -15.39	28.08 0.97 -9.20	28.10 0.99 -9.13	27.46 1.23 -5.71	27.64 1.13 -7.44	29.04 1.03 -10.26	31.15 1.40 -5.23	40.56 1.81 -6.95	51.44 1.91 -9.78	46.00 2.13 -2.11	43.37 1.98 -4.03	40.01 2.02 -1.86	37.46 2.13 -5.34	33.35 2.21 0.00	31.02 2.19 0.00
ASHOKAN____ 23654	30.89 0.85 -13.31	30.68 0.52 -19.46	28.82 0.54 -17.13	28.83 0.53 -17.10	29.15 0.55 -17.38	30.71 0.74 -15.14	32.13 0.77 -13.02	32.45 0.47 -21.07	29.90 0.72 -13.43	29.02 0.49 -16.83	28.56 0.59 -10.06	28.54 0.58 -9.98	27.42 0.66 -6.25	27.73 0.52 -8.13	29.52 0.55 -11.22	31.25 1.01 -5.72	41.40 2.00 -7.60	53.12 2.66 -10.71	46.67 2.59 -2.32	44.17 2.39 -4.41	40.41 2.24 -2.03	37.63 1.80 -5.84	32.82 1.68 0.00	30.33 1.50 0.00

ASTORIA_EAST_ENERGY_CC1 323581	29.88 0.99 -12.17	29.10 0.61 -17.80	27.44 0.62 -15.66	27.41 0.57 -15.63	27.73 0.62 -15.89	29.34 0.67 -13.84	31.01 0.77 -11.90	30.68 0.51 -19.26	28.82 0.80 -12.27	27.75 0.67 -15.38	28.09 0.98 -9.19	28.11 1.01 -9.12	27.53 1.31 -5.70	27.66 1.14 -7.43	28.96 0.96 -10.25	30.97 1.23 -5.22	40.29 1.56 -6.95	51.16 1.63 -9.78	45.70 1.84 -2.11	43.11 1.72 -4.03	39.68 1.70 -1.85	36.88 1.56 -5.33	32.62 1.49 0.01	30.33 1.50 0.00
ASTORIA_EAST_ENERGY_CC2 323582	29.85 0.95 -12.17	29.06 0.58 -17.80	27.44 0.62 -15.66	27.41 0.57 -15.63	27.73 0.62 -15.89	29.34 0.67 -13.84	31.01 0.77 -11.90	30.68 0.51 -19.26	28.82 0.80 -12.27	27.75 0.67 -15.38	28.09 0.98 -9.19	28.09 0.99 -9.12	27.53 1.31 -5.70	27.66 1.14 -7.43	28.96 0.96 -10.25	30.97 1.23 -5.22	40.29 1.56 -6.95	51.16 1.63 -9.78	45.70 1.84 -2.11	43.11 1.72 -4.03	39.68 1.70 -1.85	36.88 1.56 -5.33	32.62 1.49 0.01	30.33 1.50 0.00
ASTORIA_GT2_1 24094	29.90 1.00 -12.17	29.10 0.61 -17.80	27.45 0.64 -15.66	27.47 0.63 -15.63	27.65 0.54 -15.89	29.34 0.67 -13.84	31.01 0.77 -11.91	30.69 0.51 -19.27	28.83 0.80 -12.28	27.75 0.67 -15.39	28.12 1.00 -9.20	28.13 1.02 -9.13	27.54 1.31 -5.71	27.68 1.16 -7.44	28.95 0.94 -10.26	31.00 1.25 -5.23	40.30 1.56 -6.95	51.20 1.67 -9.79	45.76 1.88 -2.12	43.16 1.76 -4.04	39.69 1.70 -1.86	36.89 1.56 -5.34	32.60 1.46 0.00	30.33 1.50 0.00
ASTORIA_GT2_2 24095	29.90 1.00 -12.17	29.10 0.61 -17.80	27.45 0.64 -15.66	27.47 0.63 -15.63	27.65 0.54 -15.89	29.34 0.67 -13.84	31.01 0.77 -11.91	30.69 0.51 -19.27	28.83 0.80 -12.28	27.75 0.67 -15.39	28.12 1.00 -9.20	28.13 1.02 -9.13	27.54 1.31 -5.71	27.68 1.16 -7.44	28.95 0.94 -10.26	31.00 1.25 -5.23	40.30 1.56 -6.95	51.20 1.67 -9.79	45.76 1.88 -2.12	43.16 1.76 -4.04	39.69 1.70 -1.86	36.89 1.56 -5.34	32.60 1.46 0.00	30.33 1.50 0.00
ASTORIA_GT2_3 24096	29.90 1.00 -12.17	29.10 0.61 -17.80	27.45 0.64 -15.66	27.47 0.63 -15.63	27.65 0.54 -15.89	29.34 0.67 -13.84	31.01 0.77 -11.91	30.69 0.51 -19.27	28.83 0.80 -12.28	27.75 0.67 -15.39	28.12 1.00 -9.20	28.13 1.02 -9.13	27.54 1.31 -5.71	27.68 1.16 -7.44	28.95 0.94 -10.26	31.00 1.25 -5.23	40.30 1.56 -6.95	51.20 1.67 -9.79	45.76 1.88 -2.12	43.16 1.76 -4.04	39.69 1.70 -1.86	36.89 1.56 -5.34	32.60 1.46 0.00	30.33 1.50 0.00
ASTORIA_GT2_4 24097	29.90 1.00 -12.17	29.10 0.61 -17.80	27.45 0.64 -15.66	27.47 0.63 -15.63	27.65 0.54 -15.89	29.34 0.67 -13.84	31.01 0.77 -11.91	30.69 0.51 -19.27	28.83 0.80 -12.28	27.75 0.67 -15.39	28.12 1.00 -9.20	28.13 1.02 -9.13	27.54 1.31 -5.71	27.68 1.16 -7.44	28.95 0.94 -10.26	31.00 1.25 -5.23	40.30 1.56 -6.95	51.20 1.67 -9.79	45.76 1.88 -2.12	43.16 1.76 -4.04	39.69 1.70 -1.86	36.89 1.56 -5.34	32.60 1.46 0.00	30.33 1.50 0.00
ASTORIA_GT3_1 24098	29.85 0.95 -12.17	29.07 0.59 -17.80	27.45 0.64 -15.66	27.47 0.63 -15.63	27.65 0.54 -15.89	29.34 0.67 -13.84	31.01 0.77 -11.91	30.69 0.51 -19.27	28.83 0.80 -12.28	27.75 0.67 -15.39	28.12 1.00 -9.20	28.13 1.02 -9.13	27.54 1.31 -5.71	27.68 1.16 -7.44	28.95 0.94 -10.26	31.00 1.25 -5.23	40.30 1.56 -6.95	51.20 1.67 -9.79	45.76 1.88 -2.12	43.16 1.76 -4.04	39.69 1.70 -1.86	36.89 1.56 -5.34	32.60 1.46 0.00	30.33 1.50 0.00
ASTORIA_GT3_2 24099	29.85 0.95 -12.17	29.07 0.59 -17.80	27.45 0.64 -15.66	27.47 0.63 -15.63	27.65 0.54 -15.89	29.34 0.67 -13.84	31.01 0.77 -11.91	30.69 0.51 -19.27	28.83 0.80 -12.28	27.75 0.67 -15.39	28.12 1.00 -9.20	28.13 1.02 -9.13	27.54 1.31 -5.71	27.68 1.16 -7.44	28.95 0.94 -10.26	31.00 1.25 -5.23	40.30 1.56 -6.95	51.20 1.67 -9.79	45.76 1.88 -2.12	43.16 1.76 -4.04	39.69 1.70 -1.86	36.89 1.56 -5.34	32.60 1.46 0.00	30.33 1.50 0.00
ASTORIA_GT3_3 24100	29.85 0.95 -12.17	29.07 0.59 -17.80	27.45 0.64 -15.66	27.47 0.63 -15.63	27.65 0.54 -15.89	29.34 0.67 -13.84	31.01 0.77 -11.91	30.69 0.51 -19.27	28.83 0.80 -12.28	27.75 0.67 -15.39	28.12 1.00 -9.20	28.13 1.02 -9.13	27.54 1.31 -5.71	27.68 1.16 -7.44	28.95 0.94 -10.26	31.00 1.25 -5.23	40.30 1.56 -6.95	51.20 1.67 -9.79	45.76 1.88 -2.12	43.16 1.76 -4.04	39.69 1.70 -1.86	36.89 1.56 -5.34	32.60 1.46 0.00	30.33 1.50 0.00
ASTORIA_GT3_4 24101	29.85 0.95 -12.17	29.07 0.59 -17.80	27.45 0.64 -15.66	27.47 0.63 -15.63	27.65 0.54 -15.89	29.34 0.67 -13.84	31.01 0.77 -11.91	30.69 0.51 -19.27	28.83 0.80 -12.28	27.75 0.67 -15.39	28.12 1.00 -9.20	28.13 1.02 -9.13	27.54 1.31 -5.71	27.68 1.16 -7.44	28.95 0.94 -10.26	31.00 1.25 -5.23	40.30 1.56 -6.95	51.20 1.67 -9.79	45.76 1.88 -2.12	43.16 1.76 -4.04	39.69 1.70 -1.86	36.89 1.56 -5.34	32.60 1.46 0.00	30.33 1.50 0.00
ASTORIA_GT4_1 24102	29.85 0.95 -12.17	29.07 0.59 -17.80	27.45 0.64 -15.66	27.47 0.63 -15.63	27.65 0.54 -15.89	29.34 0.67 -13.84	31.01 0.77 -11.91	30.69 0.51 -19.27	28.83 0.80 -12.28	27.75 0.67 -15.39	28.12 1.00 -9.20	28.13 1.02 -9.13	27.54 1.31 -5.71	27.68 1.16 -7.44	28.95 0.94 -10.26	31.00 1.25 -5.23	40.30 1.56 -6.95	51.20 1.67 -9.79	45.76 1.88 -2.12	43.16 1.76 -4.04	39.69 1.70 -1.86	36.89 1.56 -5.34	32.60 1.46 0.00	30.33 1.50 0.00
ASTORIA_GT4_2 24103	29.85 0.95 -12.17	29.07 0.59 -17.80	27.45 0.64 -15.66	27.47 0.63 -15.63	27.65 0.54 -15.89	29.34 0.67 -13.84	31.01 0.77 -11.91	30.69 0.51 -19.27	28.83 0.80 -12.28	27.75 0.67 -15.39	28.12 1.00 -9.20	28.13 1.02 -9.13	27.54 1.31 -5.71	27.68 1.16 -7.44	28.95 0.94 -10.26	31.00 1.25 -5.23	40.30 1.56 -6.95	51.20 1.67 -9.79	45.76 1.88 -2.12	43.16 1.76 -4.04	39.69 1.70 -1.86	36.89 1.56 -5.34	32.60 1.46 0.00	30.33 1.50 0.00
ASTORIA_GT4_3 24104	29.85 0.95 -12.17	29.07 0.59 -17.80	27.45 0.64 -15.66	27.47 0.63 -15.63	27.65 0.54 -15.89	29.34 0.67 -13.84	31.01 0.77 -11.91	30.69 0.51 -19.27	28.83 0.80 -12.28	27.75 0.67 -15.39	28.12 1.00 -9.20	28.13 1.02 -9.13	27.54 1.31 -5.71	27.68 1.16 -7.44	28.95 0.94 -10.26	31.00 1.25 -5.23	40.30 1.56 -6.95	51.20 1.67 -9.79	45.76 1.88 -2.12	43.16 1.76 -4.04	39.69 1.70 -1.86	36.89 1.56 -5.34	32.60 1.46 0.00	30.33 1.50 0.00
ASTORIA_GT4_4 24105	29.85 0.95 -12.17	29.07 0.59 -17.80	27.45 0.64 -15.66	27.47 0.63 -15.63	27.65 0.54 -15.89	29.34 0.67 -13.84	31.01 0.77 -11.91	30.69 0.51 -19.27	28.83 0.80 -12.28	27.75 0.67 -15.39	28.12 1.00 -9.20	28.13 1.02 -9.13	27.54 1.31 -5.71	27.68 1.16 -7.44	28.95 0.94 -10.26	31.00 1.25 -5.23	40.30 1.56 -6.95	51.20 1.67 -9.79	45.76 1.88 -2.12	43.16 1.76 -4.04	39.69 1.70 -1.86	36.89 1.56 -5.34	32.60 1.46 0.00	30.33 1.50 0.00
ASTORIA_GT_1 23523	29.90 1.00 -12.17	29.11 0.62 -17.80	27.46 0.65 -15.66	27.43 0.59 -15.63	27.75 0.64 -15.89	29.37 0.70 -13.84	31.04 0.81 -11.90	30.70 0.53 -19.26	28.85 0.83 -12.27	27.77 0.69 -15.38	28.13 1.02 -9.19	28.14 1.04 -9.12	27.57 1.35 -5.70	27.69 1.18 -7.43	29.00 0.99 -10.25	31.04 1.30 -5.22	40.36 1.62 -6.95	51.27 1.75 -9.78	45.83 1.96 -2.11	43.22 1.83 -4.03	39.75 1.77 -1.85	36.97 1.65 -5.33	32.69 1.56 0.01	30.38 1.56 0.00

ASTORIA_GT_10 24110	29.95 1.05 -12.17	29.15 0.66 -17.80	27.51 0.69 -15.66	27.50 0.66 -15.63	27.72 0.61 -15.89	29.49 0.82 -13.84	31.20 0.95 -11.91	30.78 0.60 -19.27	28.96 0.93 -12.28	27.81 0.73 -15.39	28.13 1.02 -9.20	28.15 1.04 -9.13	27.52 1.29 -5.71	27.68 1.16 -7.44	29.04 1.03 -10.26	31.17 1.42 -5.23	40.56 1.81 -6.95	51.56 2.03 -9.79	46.09 2.21 -2.12	43.46 2.06 -4.04	39.98 1.99 -1.86	37.16 1.83 -5.34	32.91 1.77 0.00	30.53 1.70 0.00
ASTORIA_GT_11 24225	29.95 1.05 -12.17	29.15 0.66 -17.80	27.51 0.69 -15.66	27.50 0.66 -15.63	27.72 0.61 -15.89	29.49 0.82 -13.84	31.20 0.95 -11.91	30.78 0.60 -19.27	28.96 0.93 -12.28	27.81 0.73 -15.39	28.13 1.02 -9.20	28.15 1.04 -9.13	27.52 1.29 -5.71	27.68 1.16 -7.44	29.04 1.03 -10.26	31.17 1.42 -5.23	40.56 1.81 -6.95	51.56 2.03 -9.79	46.09 2.21 -2.12	43.46 2.06 -4.04	39.98 1.99 -1.86	37.16 1.83 -5.34	32.91 1.77 0.00	30.53 1.70 0.00
ASTORIA_GT_12 24226	29.95 1.05 -12.17	29.15 0.66 -17.80	27.51 0.69 -15.66	27.50 0.66 -15.63	27.72 0.61 -15.89	29.49 0.82 -13.84	31.20 0.95 -11.91	30.78 0.60 -19.27	28.96 0.93 -12.28	27.81 0.73 -15.39	28.13 1.02 -9.20	28.15 1.04 -9.13	27.52 1.29 -5.71	27.68 1.16 -7.44	29.04 1.03 -10.26	31.17 1.42 -5.23	40.56 1.81 -6.95	51.56 2.03 -9.79	46.09 2.21 -2.12	43.46 2.06 -4.04	39.98 1.99 -1.86	37.16 1.83 -5.34	32.91 1.77 0.00	30.53 1.70 0.00
ASTORIA_GT_13 24227	29.95 1.05 -12.17	29.15 0.66 -17.80	27.51 0.69 -15.66	27.50 0.66 -15.63	27.72 0.61 -15.89	29.49 0.82 -13.84	31.20 0.95 -11.91	30.78 0.60 -19.27	28.96 0.93 -12.28	27.81 0.73 -15.39	28.13 1.02 -9.20	28.15 1.04 -9.13	27.52 1.29 -5.71	27.68 1.16 -7.44	29.04 1.03 -10.26	31.17 1.42 -5.23	40.56 1.81 -6.95	51.56 2.03 -9.79	46.09 2.21 -2.12	43.46 2.06 -4.04	39.98 1.99 -1.86	37.16 1.83 -5.34	32.91 1.77 0.00	30.53 1.70 0.00
ASTORIA_GT_5 24106	29.90 1.00 -12.17	29.11 0.62 -17.80	27.46 0.65 -15.66	27.43 0.59 -15.63	27.75 0.64 -15.89	29.37 0.70 -13.84	31.04 0.81 -11.90	30.70 0.53 -19.26	28.85 0.83 -12.27	27.77 0.69 -15.38	28.13 1.02 -9.19	28.14 1.04 -9.12	27.57 1.35 -5.70	27.69 1.18 -7.43	29.00 0.99 -10.25	31.04 1.30 -5.22	40.36 1.62 -6.95	51.27 1.75 -9.78	45.83 1.96 -2.11	43.22 1.83 -4.03	39.75 1.77 -1.85	36.97 1.65 -5.33	32.69 1.56 0.01	30.38 1.56 0.00
ASTORIA_GT_7 24107	29.90 1.00 -12.17	29.11 0.62 -17.80	27.46 0.65 -15.66	27.43 0.59 -15.63	27.75 0.64 -15.89	29.37 0.70 -13.84	31.04 0.81 -11.90	30.70 0.53 -19.26	28.85 0.83 -12.27	27.77 0.69 -15.38	28.13 1.02 -9.19	28.14 1.04 -9.12	27.57 1.35 -5.70	27.69 1.18 -7.43	29.00 0.99 -10.25	31.04 1.30 -5.22	40.36 1.62 -6.95	51.27 1.75 -9.78	45.83 1.96 -2.11	43.22 1.83 -4.03	39.75 1.77 -1.85	36.97 1.65 -5.33	32.69 1.56 0.01	30.38 1.56 0.00
ASTORIA_GT_8 24108	29.90 1.00 -12.17	29.11 0.62 -17.80	27.46 0.65 -15.66	27.48 0.64 -15.63	27.66 0.55 -15.89	29.37 0.70 -13.84	31.05 0.81 -11.91	30.71 0.53 -19.27	28.86 0.83 -12.28	27.78 0.69 -15.39	28.13 1.02 -9.20	28.15 1.04 -9.13	27.58 1.35 -5.71	27.70 1.18 -7.44	28.99 0.98 -10.26	31.05 1.30 -5.23	40.37 1.62 -6.95	51.28 1.75 -9.79	45.84 1.96 -2.12	43.23 1.83 -4.04	39.76 1.77 -1.86	36.95 1.62 -5.34	32.66 1.53 0.00	30.38 1.56 0.00
ASTORIA___2 24149	29.85 0.95 -12.17	29.07 0.59 -17.80	27.45 0.64 -15.66	27.42 0.58 -15.63	27.73 0.62 -15.89	29.34 0.67 -13.84	31.01 0.77 -11.90	30.68 0.51 -19.26	28.82 0.80 -12.27	27.75 0.67 -15.38	28.11 1.00 -9.19	28.11 1.01 -9.12	27.53 1.31 -5.70	27.68 1.16 -7.43	28.96 0.96 -10.25	30.99 1.25 -5.22	40.29 1.56 -6.95	51.20 1.67 -9.78	45.75 1.88 -2.11	43.15 1.76 -4.03	39.68 1.70 -1.85	36.91 1.59 -5.33	32.62 1.49 0.01	30.33 1.50 0.00
ASTORIA___3 23516	29.95 1.05 -12.17	29.15 0.66 -17.80	27.51 0.69 -15.66	27.49 0.65 -15.63	27.78 0.66 -15.89	29.49 0.82 -13.84	31.20 0.95 -11.91	30.78 0.60 -19.27	28.96 0.93 -12.28	27.81 0.73 -15.39	28.13 1.02 -9.20	28.13 1.02 -9.13	27.52 1.29 -5.71	27.68 1.16 -7.44	29.06 1.05 -10.26	31.17 1.42 -5.23	40.59 1.84 -6.95	51.56 2.03 -9.79	46.13 2.25 -2.12	43.45 2.05 -4.04	40.01 2.02 -1.86	37.19 1.86 -5.34	32.94 1.81 0.00	30.53 1.70 0.00
ASTORIA___4 23517	29.95 1.05 -12.17	29.15 0.66 -17.80	27.51 0.69 -15.66	27.50 0.66 -15.63	27.72 0.61 -15.89	29.49 0.82 -13.84	31.20 0.95 -11.91	30.78 0.60 -19.27	28.96 0.93 -12.28	27.81 0.73 -15.39	28.13 1.02 -9.20	28.15 1.04 -9.13	27.52 1.29 -5.71	27.68 1.16 -7.44	29.04 1.03 -10.26	31.17 1.42 -5.23	40.56 1.81 -6.95	51.56 2.03 -9.79	46.09 2.21 -2.12	43.46 2.06 -4.04	39.98 1.99 -1.86	37.16 1.83 -5.34	32.91 1.77 0.00	30.53 1.70 0.00
ASTORIA___5 23518	29.95 1.05 -12.17	29.15 0.66 -17.80	27.51 0.69 -15.66	27.49 0.65 -15.63	27.78 0.66 -15.89	29.49 0.82 -13.84	31.20 0.95 -11.91	30.78 0.60 -19.27	28.96 0.93 -12.28	27.81 0.73 -15.39	28.13 1.02 -9.20	28.13 1.02 -9.13	27.52 1.29 -5.71	27.68 1.16 -7.44	29.06 1.05 -10.26	31.17 1.42 -5.23	40.59 1.84 -6.95	51.56 2.03 -9.79	46.13 2.25 -2.12	43.45 2.05 -4.04	40.01 2.02 -1.86	37.19 1.86 -5.34	32.94 1.81 0.00	30.53 1.70 0.00
AST_ENERGY_2_CC3 323677	29.81 0.92 -12.16	29.07 0.59 -17.79	27.42 0.61 -15.65	27.41 0.58 -15.62	27.69 0.58 -15.88	29.44 0.77 -13.83	31.14 0.92 -11.89	30.74 0.58 -19.25	28.92 0.91 -12.26	27.76 0.69 -15.37	28.08 0.98 -9.18	28.08 0.99 -9.11	27.43 1.21 -5.71	27.59 1.09 -7.42	28.99 0.99 -10.25	31.08 1.35 -5.21	40.51 1.78 -6.94	46.56 1.95 -4.87	42.05 2.13 1.83	43.40 2.02 -4.02	39.93 1.95 -1.84	37.08 1.77 -5.32	32.83 1.71 0.02	30.38 1.56 0.01
AST_ENERGY_2_CC4 323678	29.81 0.92 -12.16	29.07 0.59 -17.79	27.42 0.61 -15.65	27.41 0.58 -15.62	27.69 0.58 -15.88	29.44 0.77 -13.83	31.14 0.92 -11.89	30.74 0.58 -19.25	28.92 0.91 -12.26	27.76 0.69 -15.37	28.08 0.98 -9.18	28.08 0.99 -9.11	27.43 1.21 -5.71	27.59 1.09 -7.42	28.99 0.99 -10.25	31.08 1.35 -5.21	40.51 1.78 -6.94	46.56 1.95 -4.87	42.05 2.13 1.83	43.40 2.02 -4.02	39.93 1.95 -1.84	37.08 1.77 -5.32	32.83 1.71 0.02	30.38 1.56 0.01
ATHENS_STG_1 23668	30.56 0.47 -13.36	30.52 0.29 -19.54	28.65 0.30 -17.19	28.68 0.31 -17.16	28.97 0.30 -17.45	30.43 0.40 -15.20	31.89 0.48 -13.07	32.34 0.28 -21.15	29.67 0.44 -13.48	28.93 0.34 -16.89	28.51 0.50 -10.10	28.51 0.50 -10.02	27.38 0.60 -6.27	27.78 0.53 -8.16	29.51 0.50 -11.27	31.00 0.73 -5.74	40.41 0.99 -7.63	51.65 1.15 -10.75	45.34 1.25 -2.33	42.92 1.12 -4.43	39.26 1.08 -2.04	36.78 0.93 -5.86	32.10 0.97 0.00	29.66 0.84 0.00
ATHENS_STG_2 23670	30.56 0.47 -13.36	30.52 0.29 -19.54	28.65 0.30 -17.19	28.68 0.31 -17.16	28.97 0.30 -17.45	30.43 0.40 -15.20	31.89 0.48 -13.07	32.34 0.28 -21.15	29.67 0.44 -13.48	28.93 0.34 -16.89	28.51 0.50 -10.10	28.51 0.50 -10.02	27.38 0.60 -6.27	27.78 0.53 -8.16	29.51 0.50 -11.27	31.00 0.73 -5.74	40.41 0.99 -7.63	51.65 1.15 -10.75	45.34 1.25 -2.33	42.92 1.12 -4.43	39.26 1.08 -2.04	36.78 0.93 -5.86	32.10 0.97 0.00	29.66 0.84 0.00

ATHENS_STG_3 23677	30.56 0.47 -13.36	30.52 0.29 -19.54	28.65 0.30 -17.19	28.68 0.31 -17.16	28.97 0.30 -17.45	30.43 0.40 -15.20	31.89 0.48 -13.07	32.34 0.28 -21.15	29.67 0.44 -13.48	28.93 0.34 -16.89	28.51 0.50 -10.10	28.51 0.50 -10.02	27.38 0.60 -6.27	27.78 0.53 -8.16	29.51 0.50 -11.27	31.00 0.73 -5.74	40.41 0.99 -7.63	51.65 1.15 -10.75	45.34 1.25 -2.33	42.92 1.12 -4.43	39.26 1.08 -2.04	36.78 0.93 -5.86	32.10 0.97 0.00	29.66 0.84 0.00
AUBURN____LFGE 323710	19.71 0.20 -2.79	14.87 0.11 -4.08	14.85 0.11 -3.59	14.91 0.12 -3.58	14.99 0.13 -3.64	18.19 0.19 -3.17	21.26 0.20 -2.73	15.44 0.12 -4.41	18.72 0.16 -2.81	15.33 0.11 -3.52	20.20 0.18 -2.11	20.25 0.18 -2.09	22.05 0.23 -1.31	21.01 0.23 -1.70	20.31 0.21 -2.35	25.99 0.27 -1.20	33.73 0.35 -1.59	42.38 0.40 -2.24	42.83 0.58 -0.49	38.62 0.34 -0.92	36.95 0.40 -0.43	31.48 0.27 -1.22	31.42 0.28 0.00	29.06 0.23 0.00
BABYLON_RES_REC 323704	30.20 1.31 -12.17	29.24 0.75 -17.80	27.62 0.80 -15.66	27.61 0.77 -15.63	27.87 0.75 -15.89	29.64 0.96 -13.84	31.47 1.23 -11.91	30.96 0.79 -19.27	29.22 1.20 -12.28	27.96 0.87 -15.39	28.26 1.15 -9.20	28.21 1.10 -9.13	27.62 1.40 -5.71	27.91 1.39 -7.44	29.51 1.49 -10.27	32.53 2.33 -5.68	44.10 3.02 -9.28	58.40 2.82 -15.83	55.49 4.01 -9.73	49.46 3.36 -8.73	44.88 3.32 -5.43	40.43 2.91 -7.53	34.68 2.90 -0.64	30.96 2.13 0.00
BABYLON__69_KV_BK2 356345	30.42 1.52 -12.17	29.37 0.88 -17.80	27.75 0.93 -15.66	27.73 0.89 -15.63	27.95 0.83 -15.89	29.82 1.14 -13.84	31.71 1.47 -11.91	31.09 0.92 -19.27	29.42 1.39 -12.28	28.08 0.99 -15.39	28.44 1.33 -9.20	28.42 1.31 -9.13	27.85 1.62 -5.71	28.11 1.58 -7.44	29.67 1.65 -10.27	33.36 2.48 -6.36	47.83 3.21 -12.83	71.31 2.94 -28.63	69.40 4.01 -23.64	57.49 3.47 -16.66	50.45 3.47 -10.85	43.91 3.06 -10.86	35.80 3.02 -1.64	31.34 2.51 -0.01
BALL_HILL_WT_PWR 323825	19.93 -0.10 -3.30	15.49 -0.03 -4.83	15.40 -0.01 -4.25	15.45 0.00 -4.24	15.53 0.00 -4.31	18.56 -0.03 -3.76	21.26 -0.31 -3.23	15.84 -0.29 -5.23	18.58 -0.50 -3.33	15.53 -0.35 -4.17	19.97 -0.45 -2.50	19.95 -0.50 -2.48	21.51 -0.55 -1.55	20.60 -0.50 -2.02	20.07 -0.46 -2.78	25.25 -0.69 -1.42	32.91 -0.76 -1.89	41.33 -1.07 -2.66	41.23 -1.04 -0.52	37.37 -1.08 -1.10	35.87 -0.76 -0.50	30.80 -0.63 -1.44	30.54 -0.59 0.00	28.48 -0.34 0.00
BARON_WINDS____WT_PWR 323822	20.72 0.02 -3.97	16.51 0.01 -5.81	16.29 0.02 -5.11	16.35 0.03 -5.11	16.46 0.05 -5.19	19.41 0.06 -4.52	22.13 -0.09 -3.89	17.09 -0.11 -6.29	19.52 -0.24 -4.01	16.53 -0.20 -5.03	20.63 -0.29 -3.00	20.64 -0.32 -2.98	22.01 -0.37 -1.87	21.17 -0.34 -2.43	20.80 -0.30 -3.35	25.81 -0.42 -1.71	33.68 -0.38 -2.27	42.47 -0.48 -3.20	42.08 -0.34 -0.67	38.35 -0.34 -1.32	36.59 -0.14 -0.61	31.61 -0.12 -1.74	31.08 -0.06 0.00	28.83 0.00 0.00
BARRETT_IC_1 23704	30.00 1.10 -12.17	29.13 0.64 -17.80	27.50 0.68 -15.66	27.49 0.65 -15.63	27.75 0.64 -15.89	29.49 0.82 -13.84	31.29 1.04 -11.91	30.84 0.67 -19.27	29.05 1.02 -12.28	27.84 0.75 -15.39	28.12 1.00 -9.20	28.08 0.97 -9.13	27.46 1.23 -5.71	27.74 1.22 -7.44	29.31 1.30 -10.26	31.81 2.06 -5.23	41.43 2.67 -6.97	51.88 2.34 -9.79	47.29 3.38 -2.15	44.42 2.99 -4.06	41.02 3.00 -1.89	37.98 2.64 -5.35	33.75 2.62 0.00	30.64 1.82 0.00
BARRETT_IC_10 23701	30.00 1.10 -12.17	29.13 0.64 -17.80	27.50 0.68 -15.66	27.49 0.65 -15.63	27.75 0.64 -15.89	29.49 0.82 -13.84	31.29 1.04 -11.91	30.84 0.67 -19.27	29.05 1.02 -12.28	27.84 0.75 -15.39	28.12 1.00 -9.20	28.08 0.97 -9.13	27.46 1.23 -5.71	27.74 1.22 -7.44	29.31 1.30 -10.26	31.81 2.06 -5.23	41.43 2.67 -6.97	51.88 2.34 -9.79	47.29 3.38 -2.15	44.42 2.99 -4.06	41.02 3.00 -1.89	37.98 2.64 -5.35	33.75 2.62 0.00	30.64 1.82 0.00
BARRETT_IC_11 23702	30.00 1.10 -12.17	29.13 0.64 -17.80	27.50 0.68 -15.66	27.49 0.65 -15.63	27.75 0.64 -15.89	29.49 0.82 -13.84	31.29 1.04 -11.91	30.84 0.67 -19.27	29.05 1.02 -12.28	27.84 0.75 -15.39	28.12 1.00 -9.20	28.08 0.97 -9.13	27.46 1.23 -5.71	27.74 1.22 -7.44	29.31 1.30 -10.26	31.81 2.06 -5.23	41.43 2.67 -6.97	51.88 2.34 -9.79	47.29 3.38 -2.15	44.42 2.99 -4.06	41.02 3.00 -1.89	37.98 2.64 -5.35	33.75 2.62 0.00	30.64 1.82 0.00
BARRETT_IC_12 23703	30.00 1.10 -12.17	29.13 0.64 -17.80	27.50 0.68 -15.66	27.49 0.65 -15.63	27.75 0.64 -15.89	29.49 0.82 -13.84	31.29 1.04 -11.91	30.84 0.67 -19.27	29.05 1.02 -12.28	27.84 0.75 -15.39	28.12 1.00 -9.20	28.08 0.97 -9.13	27.46 1.23 -5.71	27.74 1.22 -7.44	29.31 1.30 -10.26	31.81 2.06 -5.23	41.43 2.67 -6.97	51.88 2.34 -9.79	47.29 3.38 -2.15	44.42 2.99 -4.06	41.02 3.00 -1.89	37.98 2.64 -5.35	33.75 2.62 0.00	30.64 1.82 0.00
BARRETT_IC_2 23705	30.00 1.10 -12.17	29.13 0.64 -17.80	27.50 0.68 -15.66	27.49 0.65 -15.63	27.75 0.64 -15.89	29.49 0.82 -13.84	31.29 1.04 -11.91	30.84 0.67 -19.27	29.05 1.02 -12.28	27.84 0.75 -15.39	28.12 1.00 -9.20	28.08 0.97 -9.13	27.46 1.23 -5.71	27.74 1.22 -7.44	29.31 1.30 -10.26	31.81 2.06 -5.23	41.43 2.67 -6.97	51.88 2.34 -9.79	47.29 3.38 -2.15	44.42 2.99 -4.06	41.02 3.00 -1.89	37.98 2.64 -5.35	33.75 2.62 0.00	30.64 1.82 0.00
BARRETT_IC_3 23706	30.00 1.10 -12.17	29.13 0.64 -17.80	27.50 0.68 -15.66	27.49 0.65 -15.63	27.75 0.64 -15.89	29.49 0.82 -13.84	31.29 1.04 -11.91	30.84 0.67 -19.27	29.05 1.02 -12.28	27.84 0.75 -15.39	28.12 1.00 -9.20	28.08 0.97 -9.13	27.46 1.23 -5.71	27.74 1.22 -7.44	29.31 1.30 -10.26	31.81 2.06 -5.23	41.43 2.67 -6.97	51.88 2.34 -9.79	47.29 3.38 -2.15	44.42 2.99 -4.06	41.02 3.00 -1.89	37.98 2.64 -5.35	33.75 2.62 0.00	30.64 1.82 0.00
BARRETT_IC_4 23707	30.00 1.10 -12.17	29.13 0.64 -17.80	27.50 0.68 -15.66	27.49 0.65 -15.63	27.75 0.64 -15.89	29.49 0.82 -13.84	31.29 1.04 -11.91	30.84 0.67 -19.27	29.05 1.02 -12.28	27.84 0.75 -15.39	28.12 1.00 -9.20	28.08 0.97 -9.13	27.46 1.23 -5.71	27.74 1.22 -7.44	29.31 1.30 -10.26	31.81 2.06 -5.23	41.43 2.67 -6.97	51.88 2.34 -9.79	47.29 3.38 -2.15	44.42 2.99 -4.06	41.02 3.00 -1.89	37.98 2.64 -5.35	33.75 2.62 0.00	30.64 1.82 0.00
BARRETT_IC_5 23708	30.00 1.10 -12.17	29.13 0.64 -17.80	27.50 0.68 -15.66	27.49 0.65 -15.63	27.75 0.64 -15.89	29.49 0.82 -13.84	31.29 1.04 -11.91	30.84 0.67 -19.27	29.05 1.02 -12.28	27.84 0.75 -15.39	28.12 1.00 -9.20	28.08 0.97 -9.13	27.46 1.23 -5.71	27.74 1.22 -7.44	29.31 1.30 -10.26	31.81 2.06 -5.23	41.43 2.67 -6.97	51.88 2.34 -9.79	47.29 3.38 -2.15	44.42 2.99 -4.06	41.02 3.00 -1.89	37.98 2.64 -5.35	33.75 2.62 0.00	30.64 1.82 0.00
BARRETT_IC_6 23709	30.00 1.10 -12.17	29.13 0.64 -17.80	27.50 0.68 -15.66	27.49 0.65 -15.63	27.75 0.64 -15.89	29.49 0.82 -13.84	31.29 1.04 -11.91	30.84 0.67 -19.27	29.05 1.02 -12.28	27.84 0.75 -15.39	28.12 1.00 -9.20	28.08 0.97 -9.13	27.46 1.23 -5.71	27.74 1.22 -7.44	29.31 1.30 -10.26	31.81 2.06 -5.23	41.43 2.67 -6.97	51.88 2.34 -9.79	47.29 3.38 -2.15	44.42 2.99 -4.06	41.02 3.00 -1.89	37.98 2.64 -5.35	33.75 2.62 0.00	30.64 1.82 0.00

BARRETT_IC_7 23710	30.00 1.10 -12.17	29.13 0.64 -17.80	27.49 0.67 -15.66	27.47 0.63 -15.63	27.70 0.58 -15.89	29.49 0.82 -13.84	31.29 1.05 -11.91	30.84 0.67 -19.27	29.05 1.02 -12.28	27.84 0.75 -15.39	28.12 1.00 -9.20	28.10 0.99 -9.13	27.46 1.23 -5.71	27.74 1.22 -7.44	29.29 1.28 -10.26	31.80 2.06 -5.22	41.40 2.64 -6.97	51.80 2.27 -9.79	47.16 3.26 -2.15	44.38 2.95 -4.06	40.98 2.96 -1.89	37.92 2.58 -5.35	33.72 2.58 0.00	30.67 1.84 0.00
BARRETT_IC_8 23711	30.00 1.10 -12.17	29.13 0.64 -17.80	27.50 0.68 -15.66	27.49 0.65 -15.63	27.75 0.64 -15.89	29.49 0.82 -13.84	31.29 1.04 -11.91	30.84 0.67 -19.27	29.05 1.02 -12.28	27.84 0.75 -15.39	28.12 1.00 -9.20	28.08 0.97 -9.13	27.46 1.23 -5.71	27.74 1.22 -7.44	29.31 1.30 -10.26	31.81 2.06 -5.23	41.43 2.67 -6.97	51.88 2.34 -9.79	47.29 3.38 -2.15	44.42 2.99 -4.06	41.02 3.00 -1.89	37.98 2.64 -5.35	33.75 2.62 0.00	30.64 1.82 0.00
BARRETT_IC_9 23700	30.00 1.10 -12.17	29.13 0.64 -17.80	27.50 0.68 -15.66	27.49 0.65 -15.63	27.75 0.64 -15.89	29.49 0.82 -13.84	31.29 1.04 -11.91	30.84 0.67 -19.27	29.05 1.02 -12.28	27.84 0.75 -15.39	28.12 1.00 -9.20	28.08 0.97 -9.13	27.46 1.23 -5.71	27.74 1.22 -7.44	29.31 1.30 -10.26	31.81 2.06 -5.23	41.43 2.67 -6.97	51.88 2.34 -9.79	47.29 3.38 -2.15	44.42 2.99 -4.06	41.02 3.00 -1.89	37.98 2.64 -5.35	33.75 2.62 0.00	30.64 1.82 0.00
BARRETT___1 23545	30.00 1.10 -12.17	29.13 0.64 -17.80	27.50 0.68 -15.66	27.49 0.65 -15.63	27.75 0.64 -15.89	29.49 0.82 -13.84	31.29 1.04 -11.91	30.84 0.67 -19.27	29.05 1.02 -12.28	27.84 0.75 -15.39	28.12 1.00 -9.20	28.08 0.97 -9.13	27.46 1.23 -5.71	27.74 1.22 -7.44	29.31 1.30 -10.26	31.81 2.06 -5.23	41.43 2.67 -6.97	51.88 2.34 -9.79	47.29 3.38 -2.15	44.42 2.99 -4.06	41.02 3.00 -1.89	37.98 2.64 -5.35	33.75 2.62 0.00	30.64 1.82 0.00
BARRETT___2 23546	30.00 1.10 -12.17	29.13 0.64 -17.80	27.50 0.68 -15.66	27.49 0.65 -15.63	27.75 0.64 -15.89	29.49 0.82 -13.84	31.29 1.04 -11.91	30.84 0.67 -19.27	29.05 1.02 -12.28	27.84 0.75 -15.39	28.12 1.00 -9.20	28.08 0.97 -9.13	27.46 1.23 -5.71	27.74 1.22 -7.44	29.31 1.30 -10.26	31.81 2.06 -5.23	41.43 2.67 -6.97	51.88 2.34 -9.79	47.29 3.38 -2.15	44.42 2.99 -4.06	41.02 3.00 -1.89	37.98 2.64 -5.35	33.75 2.62 0.00	30.64 1.82 0.00
BATAVIA___115KV_TB1 55881	19.74 -0.07 -3.09	15.17 -0.03 -4.51	15.12 -0.01 -3.97	15.16 -0.01 -3.96	15.25 0.00 -4.03	18.27 -0.07 -3.51	20.95 -0.40 -3.02	15.42 -0.37 -4.88	18.26 -0.60 -3.11	15.19 -0.41 -3.90	19.73 -0.52 -2.33	19.72 -0.58 -2.31	21.35 -0.62 -1.45	20.40 -0.57 -1.89	19.80 -0.55 -2.60	25.09 -0.76 -1.33	32.41 -1.14 -1.76	40.32 -1.91 -2.48	40.44 -1.80 -0.48	36.59 -1.79 -1.02	35.81 -0.79 -0.47	30.71 -0.63 -1.35	30.76 -0.37 0.00	28.68 -0.14 0.00
BAYONEEC___CTG1 323682	29.87 0.97 -12.17	29.11 0.62 -17.80	27.46 0.65 -15.66	27.44 0.60 -15.63	27.73 0.62 -15.89	29.47 0.80 -13.84	31.21 0.97 -11.91	30.79 0.61 -19.26	28.99 0.96 -12.28	27.81 0.73 -15.39	28.15 1.04 -9.20	28.15 1.04 -9.13	27.50 1.27 -5.71	27.66 1.14 -7.44	29.06 1.05 -10.26	31.17 1.42 -5.23	40.59 1.84 -6.95	51.56 2.03 -9.79	46.09 2.21 -2.12	43.49 2.09 -4.04	40.05 2.06 -1.86	37.16 1.83 -5.34	32.94 1.81 0.00	30.47 1.64 0.00
BAYONEEC___CTG10 323750	29.87 0.97 -12.17	29.11 0.62 -17.80	27.46 0.65 -15.66	27.44 0.60 -15.63	27.73 0.62 -15.89	29.47 0.80 -13.84	31.21 0.97 -11.91	30.79 0.61 -19.26	28.99 0.96 -12.28	27.81 0.73 -15.39	28.15 1.04 -9.20	28.15 1.04 -9.13	27.50 1.27 -5.71	27.66 1.14 -7.44	29.06 1.05 -10.26	31.17 1.42 -5.23	40.59 1.84 -6.95	51.56 2.03 -9.79	46.09 2.21 -2.12	43.49 2.09 -4.04	40.05 2.06 -1.86	37.16 1.83 -5.34	32.94 1.81 0.00	30.47 1.64 0.00
BAYONEEC___CTG2 323683	29.87 0.97 -12.17	29.11 0.62 -17.80	27.46 0.65 -15.66	27.44 0.60 -15.63	27.73 0.62 -15.89	29.47 0.80 -13.84	31.21 0.97 -11.91	30.79 0.61 -19.26	28.99 0.96 -12.28	27.81 0.73 -15.39	28.15 1.04 -9.20	28.15 1.04 -9.13	27.50 1.27 -5.71	27.66 1.14 -7.44	29.06 1.05 -10.26	31.17 1.42 -5.23	40.59 1.84 -6.95	51.56 2.03 -9.79	46.09 2.21 -2.12	43.49 2.09 -4.04	40.05 2.06 -1.86	37.16 1.83 -5.34	32.94 1.81 0.00	30.47 1.64 0.00
BAYONEEC___CTG3 323684	29.87 0.97 -12.17	29.11 0.62 -17.80	27.46 0.65 -15.66	27.44 0.60 -15.63	27.73 0.62 -15.89	29.47 0.80 -13.84	31.21 0.97 -11.91	30.79 0.61 -19.26	28.99 0.96 -12.28	27.81 0.73 -15.39	28.15 1.04 -9.20	28.15 1.04 -9.13	27.50 1.27 -5.71	27.66 1.14 -7.44	29.06 1.05 -10.26	31.17 1.42 -5.23	40.59 1.84 -6.95	51.56 2.03 -9.79	46.09 2.21 -2.12	43.49 2.09 -4.04	40.05 2.06 -1.86	37.16 1.83 -5.34	32.94 1.81 0.00	30.47 1.64 0.00
BAYONEEC___CTG4 323685	29.87 0.97 -12.17	29.11 0.62 -17.80	27.46 0.65 -15.66	27.44 0.60 -15.63	27.73 0.62 -15.89	29.47 0.80 -13.84	31.21 0.97 -11.91	30.79 0.61 -19.26	28.99 0.96 -12.28	27.81 0.73 -15.39	28.15 1.04 -9.20	28.15 1.04 -9.13	27.50 1.27 -5.71	27.66 1.14 -7.44	29.06 1.05 -10.26	31.17 1.42 -5.23	40.59 1.84 -6.95	51.56 2.03 -9.79	46.09 2.21 -2.12	43.49 2.09 -4.04	40.05 2.06 -1.86	37.16 1.83 -5.34	32.94 1.81 0.00	30.47 1.64 0.00
BAYONEEC___CTG5 323686	29.87 0.97 -12.17	29.11 0.62 -17.80	27.46 0.65 -15.66	27.44 0.60 -15.63	27.73 0.62 -15.89	29.47 0.80 -13.84	31.21 0.97 -11.91	30.79 0.61 -19.26	28.99 0.96 -12.28	27.81 0.73 -15.39	28.15 1.04 -9.20	28.15 1.04 -9.13	27.50 1.27 -5.71	27.66 1.14 -7.44	29.06 1.05 -10.26	31.17 1.42 -5.23	40.59 1.84 -6.95	51.56 2.03 -9.79	46.09 2.21 -2.12	43.49 2.09 -4.04	40.05 2.06 -1.86	37.16 1.83 -5.34	32.94 1.81 0.00	30.47 1.64 0.00
BAYONEEC___CTG6 323687	29.87 0.97 -12.17	29.11 0.62 -17.80	27.46 0.65 -15.66	27.44 0.60 -15.63	27.73 0.62 -15.89	29.47 0.80 -13.84	31.21 0.97 -11.91	30.79 0.61 -19.26	28.99 0.96 -12.28	27.81 0.73 -15.39	28.15 1.04 -9.20	28.15 1.04 -9.13	27.50 1.27 -5.71	27.66 1.14 -7.44	29.06 1.05 -10.26	31.17 1.42 -5.23	40.59 1.84 -6.95	51.56 2.03 -9.79	46.09 2.21 -2.12	43.49 2.09 -4.04	40.05 2.06 -1.86	37.16 1.83 -5.34	32.94 1.81 0.00	30.47 1.64 0.00
BAYONEEC___CTG7 323688	29.87 0.97 -12.17	29.11 0.62 -17.80	27.46 0.65 -15.66	27.44 0.60 -15.63	27.73 0.62 -15.89	29.47 0.80 -13.84	31.21 0.97 -11.91	30.79 0.61 -19.26	28.99 0.96 -12.28	27.81 0.73 -15.39	28.15 1.04 -9.20	28.15 1.04 -9.13	27.50 1.27 -5.71	27.66 1.14 -7.44	29.06 1.05 -10.26	31.17 1.42 -5.23	40.59 1.84 -6.95	51.56 2.03 -9.79	46.09 2.21 -2.12	43.49 2.09 -4.04	40.05 2.06 -1.86	37.16 1.83 -5.34	32.94 1.81 0.00	30.47 1.64 0.00
BAYONEEC___CTG8 323689	29.87 0.97 -12.17	29.11 0.62 -17.80	27.46 0.65 -15.66	27.44 0.60 -15.63	27.73 0.62 -15.89	29.47 0.80 -13.84	31.21 0.97 -11.91	30.79 0.61 -19.26	28.99 0.96 -12.28	27.81 0.73 -15.39	28.15 1.04 -9.20	28.15 1.04 -9.13	27.50 1.27 -5.71	27.66 1.14 -7.44	29.06 1.05 -10.26	31.17 1.42 -5.23	40.59 1.84 -6.95	51.56 2.03 -9.79	46.09 2.21 -2.12	43.49 2.09 -4.04	40.05 2.06 -1.86	37.16 1.83 -5.34	32.94 1.81 0.00	30.47 1.64 0.00

BAYONEEC___CTG9 323749	29.87 0.97 -12.17	29.11 0.62 -17.80	27.46 0.65 -15.66	27.44 0.60 -15.63	27.73 0.62 -15.89	29.47 0.80 -13.84	31.21 0.97 -11.91	30.79 0.61 -19.26	28.99 0.96 -12.28	27.81 0.73 -15.39	28.15 1.04 -9.20	28.15 1.04 -9.13	27.50 1.27 -5.71	27.66 1.14 -7.44	29.06 1.05 -10.26	31.17 1.42 -5.23	40.59 1.84 -6.95	51.56 2.03 -9.79	46.09 2.21 -2.12	43.49 2.09 -4.04	40.05 2.06 -1.86	37.16 1.83 -5.34	32.94 1.81 0.00	30.47 1.64 0.00
BEACON___LESR 323632	31.72 0.43 -14.56	32.27 0.29 -21.29	30.18 0.29 -18.74	30.19 0.28 -18.70	30.54 0.30 -19.01	31.79 0.40 -16.56	33.08 0.50 -14.25	34.28 0.32 -23.05	30.93 0.49 -14.69	30.46 0.35 -18.41	29.49 0.57 -11.00	29.46 0.56 -10.92	27.98 0.64 -6.83	28.57 0.59 -8.90	30.56 0.53 -12.28	31.59 0.81 -6.26	41.29 1.18 -8.32	53.01 1.55 -11.71	45.84 1.55 -2.54	43.58 1.38 -4.83	39.66 1.30 -2.23	37.42 1.05 -6.39	32.20 1.06 0.00	29.72 0.89 0.00
BEAVER RIVER___HYD 24048	17.04 -0.70 -1.02	11.77 -0.41 -1.49	12.01 -0.46 -1.31	12.04 -0.47 -1.31	12.10 -0.45 -1.33	15.41 -0.58 -1.16	18.84 -0.49 -1.00	12.31 -0.22 -1.61	16.34 -0.44 -1.03	12.62 -0.37 -1.29	18.04 -0.64 -0.77	18.11 -0.63 -0.76	20.19 -0.80 -0.48	18.96 -0.74 -0.62	17.92 -0.69 -0.86	24.13 -0.83 -0.44	31.74 -0.64 -0.58	40.56 0.00 -0.82	42.06 0.13 -0.18	37.78 0.07 -0.34	36.00 -0.29 -0.16	29.99 -0.45 -0.45	30.67 -0.47 0.00	28.45 -0.38 0.00
BEEBEE_GT_13 23619	19.58 0.08 -2.77	14.80 0.05 -4.05	14.79 0.07 -3.57	14.83 0.07 -3.56	14.91 0.07 -3.62	18.04 0.06 -3.15	20.96 -0.09 -2.71	15.18 -0.12 -4.39	18.34 -0.20 -2.80	15.08 -0.13 -3.50	19.90 -0.11 -2.09	19.93 -0.13 -2.08	21.69 -0.12 -1.30	20.68 -0.10 -1.69	19.96 -0.12 -2.34	25.52 -0.20 -1.19	33.03 -0.35 -1.58	41.22 -0.76 -2.23	41.53 -0.71 -0.49	37.57 -0.71 -0.92	36.01 -0.54 -0.42	30.75 -0.45 -1.22	30.70 -0.44 0.00	28.54 -0.29 0.00
BENSHRST_27_KV_BENSHRST_1 355998	30.13 1.24 -12.17	29.26 0.77 -17.80	27.62 0.80 -15.66	27.60 0.76 -15.63	27.82 0.71 -15.89	29.61 0.93 -13.84	31.34 1.10 -11.91	30.84 0.67 -19.27	29.03 1.01 -12.28	27.88 0.80 -15.39	28.26 1.15 -9.20	28.26 1.15 -9.13	27.64 1.42 -5.71	27.80 1.28 -7.44	29.18 1.17 -10.26	31.35 1.59 -5.23	40.84 2.10 -6.95	51.92 2.38 -9.79	46.47 2.59 -2.12	43.79 2.39 -4.04	40.30 2.31 -1.86	37.46 2.13 -5.34	33.25 2.12 0.00	30.85 2.02 0.00
BETHLEHEM___GRP 23843	31.45 0.15 -14.58	32.10 0.10 -21.32	30.01 0.10 -18.76	30.02 0.09 -18.72	30.36 0.10 -19.03	31.54 0.13 -16.58	32.76 0.17 -14.26	34.08 0.10 -23.07	30.63 0.17 -14.70	30.26 0.13 -18.43	29.16 0.23 -11.01	29.15 0.23 -10.93	27.64 0.29 -6.84	28.26 0.27 -8.91	30.25 0.21 -12.29	31.15 0.37 -6.27	40.66 0.54 -8.33	52.15 0.68 -11.73	45.01 0.71 -2.54	42.80 0.60 -4.83	38.94 0.58 -2.23	36.83 0.45 -6.39	31.60 0.47 0.00	29.23 0.40 0.00
BETHLEHEM___GS1 323560	31.45 0.15 -14.58	32.10 0.10 -21.32	30.01 0.10 -18.76	30.02 0.09 -18.72	30.37 0.11 -19.03	31.54 0.13 -16.58	32.76 0.16 -14.26	34.08 0.10 -23.07	30.63 0.17 -14.70	30.26 0.13 -18.43	29.16 0.23 -11.01	29.15 0.23 -10.93	27.64 0.29 -6.84	28.26 0.27 -8.91	30.25 0.21 -12.29	31.15 0.37 -6.27	40.66 0.54 -8.33	52.15 0.68 -11.73	45.01 0.71 -2.54	42.79 0.60 -4.83	38.94 0.58 -2.23	36.86 0.48 -6.39	31.63 0.50 0.00	29.23 0.40 0.00
BETHLEHEM___GS2 323561	31.45 0.15 -14.58	32.10 0.10 -21.32	30.01 0.10 -18.76	30.02 0.09 -18.72	30.37 0.11 -19.03	31.54 0.13 -16.58	32.76 0.16 -14.26	34.08 0.10 -23.07	30.63 0.17 -14.70	30.26 0.13 -18.43	29.16 0.23 -11.01	29.15 0.23 -10.93	27.64 0.29 -6.84	28.26 0.27 -8.91	30.25 0.21 -12.29	31.15 0.37 -6.27	40.66 0.54 -8.33	52.15 0.68 -11.73	45.01 0.71 -2.54	42.79 0.60 -4.83	38.94 0.58 -2.23	36.86 0.48 -6.39	31.63 0.50 0.00	29.23 0.40 0.00
BETHLEHEM___GS3 323562	31.45 0.15 -14.58	32.10 0.10 -21.32	30.01 0.10 -18.76	30.02 0.09 -18.72	30.37 0.11 -19.03	31.54 0.13 -16.58	32.76 0.16 -14.26	34.08 0.10 -23.07	30.63 0.17 -14.70	30.26 0.13 -18.43	29.16 0.23 -11.01	29.15 0.23 -10.93	27.64 0.29 -6.84	28.26 0.27 -8.91	30.25 0.21 -12.29	31.15 0.37 -6.27	40.66 0.54 -8.33	52.15 0.68 -11.73	45.01 0.71 -2.54	42.79 0.60 -4.83	38.94 0.58 -2.23	36.86 0.48 -6.39	31.63 0.50 0.00	29.23 0.40 0.00
BETHLEHEM___STEEL 23779	19.83 -0.15 -3.25	15.37 -0.07 -4.75	15.28 -0.06 -4.18	15.32 -0.06 -4.17	15.41 -0.06 -4.24	18.41 -0.12 -3.70	21.09 -0.42 -3.18	15.68 -0.37 -5.14	18.43 -0.60 -3.28	15.39 -0.42 -4.11	19.82 -0.56 -2.46	19.82 -0.59 -2.44	21.38 -0.66 -1.53	20.48 -0.59 -1.99	19.94 -0.55 -2.74	25.08 -0.83 -1.40	32.34 -1.30 -1.86	40.37 -1.99 -2.61	40.30 -1.96 -0.51	36.50 -1.94 -1.08	35.04 -1.59 -0.50	30.21 -1.20 -1.43	30.61 -0.53 0.00	28.57 -0.26 0.00
BETHLHEM_115KV_TB1 79974	31.49 0.20 -14.57	32.12 0.13 -21.30	30.04 0.13 -18.75	30.05 0.13 -18.71	30.38 0.13 -19.02	31.58 0.18 -16.57	32.81 0.22 -14.25	34.10 0.13 -23.06	30.67 0.22 -14.70	30.28 0.16 -18.42	29.21 0.29 -11.01	29.20 0.29 -10.93	27.70 0.35 -6.84	28.31 0.32 -8.90	30.30 0.27 -12.28	31.20 0.42 -6.26	40.72 0.60 -8.32	52.22 0.76 -11.72	45.09 0.79 -2.54	42.87 0.67 -4.83	39.01 0.65 -2.23	36.92 0.54 -6.39	31.70 0.56 0.00	29.32 0.49 0.00
BETHPAGE_CC_5 323564	30.14 1.24 -12.17	29.21 0.72 -17.80	27.58 0.76 -15.66	27.58 0.74 -15.63	27.83 0.72 -15.89	29.61 0.93 -13.84	31.42 1.17 -11.91	30.93 0.75 -19.27	29.18 1.15 -12.28	27.93 0.84 -15.39	28.23 1.11 -9.20	28.21 1.10 -9.13	27.60 1.37 -5.71	27.89 1.37 -7.44	29.47 1.46 -10.26	32.12 2.25 -5.34	42.18 2.83 -7.56	52.20 2.66 -9.79	48.55 3.71 -3.08	45.45 3.17 -4.91	42.06 3.14 -2.79	38.62 2.73 -5.91	34.07 2.77 -0.16	30.82 1.99 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	19.83 -0.17 -3.27	15.37 -0.10 -4.78	15.28 -0.08 -4.21	15.34 -0.07 -4.20	15.42 -0.07 -4.27	18.42 -0.13 -3.72	21.09 -0.44 -3.20	15.70 -0.38 -5.17	18.43 -0.61 -3.30	15.40 -0.43 -4.13	19.81 -0.57 -2.47	19.80 -0.63 -2.45	21.35 -0.70 -1.53	20.45 -0.63 -2.00	19.94 -0.57 -2.76	25.07 -0.86 -1.40	32.35 -1.30 -1.87	40.43 -1.95 -2.63	40.35 -1.92 -0.51	36.54 -1.91 -1.08	35.04 -1.59 -0.50	30.22 -1.20 -1.43	30.70 -0.44 0.00	28.65 -0.17 0.00
BINGHAMTON___COGEN 23790	22.23 0.27 -5.24	18.51 0.16 -7.66	18.07 0.17 -6.74	18.11 0.18 -6.73	18.24 0.18 -6.84	21.03 0.24 -5.96	23.70 0.24 -5.13	19.34 0.13 -8.29	21.21 0.17 -5.29	18.44 0.12 -6.62	22.07 0.20 -3.96	22.09 0.18 -3.93	23.20 0.23 -2.46	22.49 0.21 -3.20	22.36 0.20 -4.42	27.04 0.27 -2.25	35.07 0.29 -2.99	44.28 0.32 -4.22	42.95 0.29 -0.91	39.36 0.26 -1.74	37.22 0.29 -0.80	32.56 0.27 -2.30	31.60 0.47 0.00	29.26 0.43 0.00
BIXINCNT_115KV_LOAD 355685	19.73 -0.35 -3.35	15.37 -0.22 -4.90	15.26 -0.21 -4.31	15.34 -0.17 -4.31	15.43 -0.17 -4.38	18.39 -0.25 -3.81	21.05 -0.57 -3.28	15.77 -0.45 -5.31	18.39 -0.74 -3.38	15.38 -0.56 -4.24	19.55 -0.90 -2.53	19.49 -1.01 -2.51	20.83 -1.25 -1.57	20.02 -1.11 -2.05	19.63 -0.94 -2.83	24.78 -1.18 -1.44	32.15 -1.56 -1.91	40.41 -2.03 -2.70	40.57 -1.71 -0.53	36.76 -1.72 -1.11	35.23 -1.41 -0.51	30.41 -1.05 -1.47	31.17 0.03 0.00	29.03 0.20 0.00

BLACK RIVER___HYD 24047	18.10 -0.23 -1.60	12.89 -0.14 -2.34	13.03 -0.19 -2.06	13.10 -0.17 -2.06	13.17 -0.15 -2.09	16.49 -0.16 -1.82	19.74 -0.17 -1.57	13.39 -0.05 -2.54	17.18 -0.19 -1.62	13.53 -0.20 -2.03	18.75 -0.38 -1.21	18.79 -0.40 -1.20	20.75 -0.51 -0.75	19.64 -0.42 -0.98	18.71 -0.39 -1.35	24.84 -0.37 -0.69	32.55 -0.16 -0.92	41.51 0.48 -1.29	42.54 0.50 -0.28	38.31 0.41 -0.53	36.59 0.22 -0.25	30.69 0.00 -0.70	31.04 -0.09 0.00	28.71 -0.11 0.00
BLACKRVR_115KV_TB2 79977	18.10 -0.23 -1.60	12.89 -0.14 -2.34	13.03 -0.19 -2.06	13.10 -0.17 -2.06	13.18 -0.13 -2.09	16.49 -0.16 -1.82	19.74 -0.17 -1.57	13.39 -0.05 -2.54	17.18 -0.19 -1.62	13.53 -0.20 -2.03	18.75 -0.38 -1.21	18.79 -0.40 -1.20	20.75 -0.51 -0.75	19.64 -0.42 -0.98	18.71 -0.39 -1.35	24.84 -0.37 -0.69	32.55 -0.16 -0.92	41.47 0.44 -1.29	42.54 0.50 -0.28	38.31 0.41 -0.53	36.59 0.22 -0.25	30.69 0.00 -0.70	31.01 -0.12 0.00	28.68 -0.14 0.00
BLISS_WT_PWR 323608	19.66 -0.42 -3.35	15.32 -0.27 -4.90	15.20 -0.27 -4.31	15.30 -0.21 -4.31	15.40 -0.20 -4.38	18.33 -0.31 -3.81	20.97 -0.64 -3.28	15.73 -0.49 -5.31	18.33 -0.80 -3.38	15.32 -0.62 -4.24	19.45 -1.00 -2.53	19.34 -1.15 -2.51	20.65 -1.44 -1.57	19.87 -1.26 -2.05	19.49 -1.08 -2.83	24.66 -1.30 -1.44	32.37 -1.33 -1.91	40.93 -1.51 -2.70	41.16 -1.13 -0.53	37.28 -1.20 -1.11	35.77 -0.87 -0.51	30.77 -0.69 -1.46	30.51 -0.62 0.00	28.42 -0.40 0.00
BLUESTONE___WT_PWR 323821	23.23 1.07 -5.43	19.29 0.66 -7.94	18.82 0.68 -6.99	18.92 0.74 -6.97	19.05 0.74 -7.09	22.02 1.01 -6.18	24.79 1.14 -5.31	20.20 0.70 -8.60	22.19 0.96 -5.48	19.23 0.67 -6.86	23.01 0.98 -4.10	23.02 0.97 -4.07	24.15 1.09 -2.55	23.49 1.09 -3.32	23.30 0.98 -4.58	28.35 1.50 -2.33	36.99 2.10 -3.10	47.01 2.90 -4.37	45.62 2.92 -0.94	41.78 2.61 -1.80	39.49 2.53 -0.83	34.41 2.04 -2.38	33.19 2.05 0.00	30.70 1.87 0.00
BLUE_CIRC_CHEM_DRP 24182	31.58 0.33 -14.52	32.15 0.22 -21.24	30.08 0.23 -18.69	30.09 0.24 -18.65	30.42 0.24 -18.96	31.66 0.31 -16.52	32.91 0.37 -14.21	34.12 0.22 -22.99	30.74 0.35 -14.65	30.32 0.26 -18.36	29.28 0.39 -10.97	29.27 0.40 -10.89	27.80 0.47 -6.81	28.40 0.44 -8.87	30.39 0.39 -12.25	31.35 0.59 -6.24	40.91 0.83 -8.30	52.42 0.99 -11.68	45.33 1.04 -2.53	43.11 0.93 -4.82	39.25 0.90 -2.22	37.11 0.75 -6.37	31.92 0.78 0.00	29.52 0.69 0.00
BOC_GAS_DRP 24189	31.57 0.32 -14.53	32.14 0.20 -21.24	30.07 0.22 -18.69	30.09 0.22 -18.66	30.41 0.22 -18.97	31.64 0.28 -16.52	32.90 0.35 -14.21	34.10 0.20 -22.99	30.73 0.33 -14.65	30.31 0.25 -18.36	29.27 0.38 -10.98	29.25 0.38 -10.90	27.78 0.45 -6.82	28.38 0.42 -8.88	30.37 0.37 -12.25	31.33 0.56 -6.24	40.85 0.76 -8.30	52.34 0.91 -11.69	45.29 1.00 -2.53	43.04 0.86 -4.82	39.22 0.87 -2.22	37.08 0.72 -6.37	31.88 0.75 0.00	29.49 0.66 0.00
BOONVILLE_115KV_TB1 79983	17.62 0.02 -0.88	12.00 0.02 -1.29	12.30 0.01 -1.13	12.36 0.02 -1.13	12.40 0.03 -1.15	15.89 0.06 -1.00	19.33 0.13 -0.86	12.41 0.11 -1.39	16.75 0.11 -0.89	12.86 0.05 -1.11	18.62 0.04 -0.66	18.68 0.04 -0.66	20.93 0.00 -0.41	19.64 0.02 -0.54	18.49 0.00 -0.74	25.00 0.10 -0.38	32.64 0.35 -0.50	41.29 0.83 -0.71	42.66 0.75 -0.15	38.40 0.75 -0.29	36.84 0.58 -0.13	30.73 0.36 -0.39	31.48 0.34 0.00	29.17 0.35 0.00
BORALEX_4TH_BRANCH 23824	31.96 0.72 -14.52	32.39 0.47 -21.23	30.32 0.48 -18.68	30.33 0.47 -18.65	30.66 0.48 -18.96	32.01 0.67 -16.51	33.40 0.86 -14.21	34.37 0.48 -22.98	31.10 0.71 -14.65	30.60 0.54 -18.36	29.77 0.88 -10.97	29.75 0.88 -10.89	28.27 0.94 -6.81	28.87 0.92 -8.87	30.88 0.89 -12.24	32.11 1.35 -6.24	41.87 1.78 -8.29	53.85 2.42 -11.68	46.67 2.38 -2.53	44.27 2.09 -4.82	40.45 2.10 -2.22	38.04 1.68 -6.37	32.97 1.84 0.00	30.41 1.59 0.00
BOWLINE___1 23526	29.78 0.90 -12.15	29.02 0.57 -17.76	27.38 0.59 -15.63	27.38 0.57 -15.60	27.66 0.57 -15.86	29.40 0.76 -13.82	31.12 0.90 -11.89	30.71 0.57 -19.23	28.87 0.87 -12.25	27.73 0.67 -15.36	28.06 0.97 -9.18	28.06 0.97 -9.11	27.36 1.15 -5.70	27.55 1.05 -7.42	28.95 0.96 -10.24	31.09 1.35 -5.22	40.51 1.78 -6.94	51.58 2.07 -9.77	46.13 2.25 -2.12	43.45 2.05 -4.03	39.97 1.99 -1.86	37.06 1.74 -5.33	32.88 1.74 0.00	30.35 1.53 0.00
BOWLINE___2 23595	29.78 0.89 -12.17	29.05 0.57 -17.79	27.41 0.59 -15.66	27.41 0.57 -15.63	27.68 0.57 -15.89	29.43 0.76 -13.84	31.14 0.90 -11.91	30.74 0.57 -19.26	28.89 0.87 -12.28	27.75 0.67 -15.38	28.08 0.97 -9.19	28.06 0.95 -9.13	27.37 1.15 -5.71	27.57 1.05 -7.44	28.97 0.96 -10.26	31.10 1.35 -5.23	40.52 1.78 -6.95	51.56 2.03 -9.79	46.13 2.25 -2.12	43.45 2.05 -4.04	39.98 1.99 -1.86	37.06 1.74 -5.34	32.88 1.74 0.00	30.35 1.53 0.00
BRADY___115KV_TB2 356060	15.37 -1.89 -0.53	10.44 -1.03 -0.77	10.72 -1.12 -0.68	10.62 -1.27 -0.68	10.70 -1.21 -0.69	13.77 -1.66 -0.60	17.63 -1.23 -0.52	11.21 -0.53 -0.84	15.23 -1.06 -0.53	11.55 -0.82 -0.67	16.97 -1.34 -0.40	17.12 -1.26 -0.40	19.16 -1.60 -0.25	17.80 -1.60 -0.32	16.72 -1.47 -0.45	22.71 -2.04 -0.23	30.57 -1.53 -0.30	39.85 -0.32 -0.43	41.85 0.00 -0.09	37.54 0.00 -0.18	35.38 -0.83 -0.08	29.08 -1.14 -0.23	29.77 -1.37 0.00	27.85 -0.98 0.00
BRANSCOMB___SOLAR 323811	32.53 0.89 -14.92	33.08 0.58 -21.82	30.94 0.59 -19.20	30.95 0.58 -19.16	31.32 0.62 -19.48	32.63 0.83 -16.97	33.94 1.01 -14.60	35.10 0.58 -23.61	31.66 0.87 -15.05	31.18 0.62 -18.86	30.14 0.95 -11.27	30.12 0.95 -11.19	28.54 1.03 -7.00	29.15 0.95 -9.12	31.23 0.90 -12.58	32.31 1.37 -6.41	42.25 1.94 -8.52	54.29 2.55 -12.00	46.95 2.59 -2.60	44.52 2.20 -4.95	40.51 2.09 -2.28	38.21 1.68 -6.54	33.01 1.87 0.00	30.56 1.73 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	30.37 1.47 -12.17	29.33 0.84 -17.80	27.70 0.88 -15.66	27.68 0.84 -15.63	27.91 0.80 -15.89	29.77 1.10 -13.84	31.66 1.41 -11.91	31.06 0.88 -19.27	29.37 1.34 -12.28	28.05 0.96 -15.39	28.37 1.25 -9.20	28.35 1.24 -9.13	27.74 1.52 -5.71	28.03 1.51 -7.44	29.58 1.56 -10.27	32.91 2.28 -6.11	46.24 2.92 -11.53	66.14 2.50 -23.89	63.81 3.55 -18.50	54.12 3.03 -13.73	48.02 3.03 -8.86	42.41 2.79 -9.64	35.15 2.74 -1.27	31.22 2.39 0.00
BRISTLHL_115KV_TB1 79998	18.78 -0.12 -2.17	13.77 -0.10 -3.17	13.85 -0.10 -2.79	13.90 -0.09 -2.79	13.96 -0.09 -2.83	17.18 -0.12 -2.47	20.29 -0.17 -2.12	14.24 -0.11 -3.44	17.78 -0.16 -2.19	14.33 -0.12 -2.74	19.38 -0.18 -1.64	19.45 -0.16 -1.63	21.35 -0.18 -1.02	20.24 -0.17 -1.33	19.44 -0.14 -1.83	25.21 -0.25 -0.93	32.62 -0.41 -1.24	40.93 -0.56 -1.75	41.38 -0.75 -0.38	37.49 -0.60 -0.72	35.96 -0.51 -0.33	30.52 -0.42 -0.95	30.67 -0.47 0.00	28.37 -0.46 0.00
BROOKHAVEN___DRP 24191	30.37 1.47 -12.17	29.32 0.83 -17.80	27.70 0.88 -15.66	27.68 0.84 -15.63	27.91 0.80 -15.89	29.77 1.10 -13.84	31.64 1.39 -11.91	31.06 0.88 -19.27	29.43 1.39 -12.30	28.08 0.99 -15.39	28.42 1.31 -9.20	28.42 1.31 -9.13	27.85 1.62 -5.71	28.18 1.62 -7.48	29.76 1.70 -10.31	40.21 2.62 -13.07	82.23 3.37 -47.07	194.05 3.18 -151.13	203.44 4.43 -157.26	134.00 3.70 -92.93	102.98 3.65 -63.20	76.25 3.21 -43.05	45.56 3.21 -11.22	31.32 2.45 -0.04

BROOKLYN_NAVY_YARD 23515	29.85 0.95 -12.17	29.08 0.60 -17.80	27.44 0.62 -15.66	27.43 0.59 -15.63	27.71 0.59 -15.89	29.46 0.79 -13.84	31.18 0.93 -11.91	30.78 0.60 -19.26	28.95 0.93 -12.28	27.80 0.71 -15.39	28.13 1.02 -9.20	28.13 1.02 -9.13	27.48 1.25 -5.71	27.64 1.13 -7.44	29.04 1.03 -10.26	31.15 1.40 -5.23	40.59 1.84 -6.95	51.56 2.03 -9.79	46.13 2.25 -2.12	43.49 2.09 -4.04	40.01 2.02 -1.86	37.16 1.83 -5.34	32.91 1.77 0.00	30.44 1.61 0.00
BROOKLYN___ARMY_DRP 323595	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.57 0.73 -15.63	27.79 0.67 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.08 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.19 -9.79	46.30 2.42 -2.12	43.61 2.20 -4.04	40.16 2.17 -1.86	37.34 2.01 -5.34	33.13 1.99 0.00	30.73 1.90 0.00
BROOKVLE_69_KV_TB1 55790	30.05 1.15 -12.17	29.17 0.68 -17.80	27.53 0.71 -15.66	27.52 0.68 -15.63	27.75 0.64 -15.89	29.58 0.90 -13.84	31.36 1.12 -11.91	30.88 0.70 -19.27	29.11 1.09 -12.28	27.89 0.80 -15.39	28.21 1.09 -9.20	28.21 1.10 -9.13	27.58 1.35 -5.71	27.82 1.30 -7.44	29.31 1.30 -10.26	31.80 2.01 -5.27	41.61 2.58 -7.25	52.12 2.58 -9.79	47.64 3.30 -2.59	44.78 2.95 -4.46	41.33 2.89 -2.31	38.09 2.49 -5.61	33.70 2.49 -0.08	30.76 1.93 0.00
BROOME_2_LFGE 323671	22.23 0.27 -5.24	18.51 0.16 -7.66	18.07 0.17 -6.74	18.11 0.18 -6.73	18.24 0.18 -6.84	21.03 0.24 -5.96	23.70 0.24 -5.13	19.34 0.13 -8.29	21.21 0.17 -5.29	18.44 0.12 -6.62	22.07 0.20 -3.96	22.09 0.18 -3.93	23.20 0.23 -2.46	22.49 0.21 -3.20	22.36 0.20 -4.42	27.04 0.27 -2.25	35.17 0.38 -2.99	44.40 0.44 -4.22	43.08 0.42 -0.91	39.48 0.37 -1.74	37.33 0.40 -0.80	32.65 0.36 -2.30	31.51 0.37 0.00	29.15 0.32 0.00
BROOME___LFGE 323600	22.23 0.27 -5.24	18.51 0.16 -7.66	18.07 0.17 -6.74	18.11 0.18 -6.73	18.24 0.18 -6.84	21.03 0.24 -5.96	23.70 0.24 -5.13	19.34 0.13 -8.29	21.21 0.17 -5.29	18.44 0.12 -6.62	22.07 0.20 -3.96	22.09 0.18 -3.93	23.20 0.23 -2.46	22.49 0.21 -3.20	22.36 0.20 -4.42	27.04 0.27 -2.25	35.17 0.38 -2.99	44.40 0.44 -4.22	43.08 0.42 -0.91	39.48 0.37 -1.74	37.33 0.40 -0.80	32.65 0.36 -2.30	31.51 0.37 0.00	29.15 0.32 0.00
BROWNFLS_115KV_TB_3_5 80003	16.23 -1.32 -0.82	11.15 -0.75 -1.21	11.40 -0.81 -1.06	11.38 -0.89 -1.06	11.46 -0.84 -1.08	14.63 -1.14 -0.94	18.19 -0.95 -0.81	11.78 -0.44 -1.31	15.76 -0.82 -0.83	12.10 -0.64 -1.04	17.48 -1.06 -0.62	17.59 -1.01 -0.62	19.63 -1.27 -0.39	18.37 -1.22 -0.50	17.31 -1.14 -0.70	23.36 -1.52 -0.35	31.02 -1.24 -0.47	39.97 -0.44 -0.66	41.65 -0.25 -0.14	37.38 -0.26 -0.27	35.46 -0.79 -0.13	29.36 -0.99 -0.36	29.95 -1.18 0.00	27.91 -0.92 0.00
BROWNSV1_27_KV_LOAD 356125	29.98 1.09 -12.17	29.18 0.69 -17.80	27.53 0.71 -15.66	27.52 0.68 -15.63	27.75 0.64 -15.89	29.58 0.90 -13.84	31.34 1.10 -11.91	30.86 0.69 -19.26	29.10 1.07 -12.28	27.91 0.82 -15.39	28.30 1.18 -9.20	28.30 1.19 -9.13	27.66 1.44 -5.71	27.80 1.28 -7.44	29.18 1.17 -10.26	31.37 1.62 -5.23	40.87 2.13 -6.95	51.92 2.38 -9.79	46.47 2.59 -2.12	43.83 2.43 -4.04	40.30 2.31 -1.86	37.40 2.07 -5.34	33.13 1.99 0.00	30.67 1.84 0.00
BURROWS___LYONSDAL 23803	17.50 -0.13 -0.91	11.95 -0.06 -1.33	12.23 -0.09 -1.17	12.29 -0.08 -1.17	12.35 -0.06 -1.18	15.79 -0.07 -1.03	19.22 0.00 -0.89	12.39 0.04 -1.44	16.66 0.00 -0.92	12.81 -0.04 -1.15	18.50 -0.11 -0.69	18.55 -0.11 -0.68	20.78 -0.16 -0.43	19.50 -0.13 -0.55	18.37 -0.14 -0.76	24.81 -0.10 -0.39	32.47 0.16 -0.52	41.15 0.68 -0.73	42.54 0.63 -0.16	38.30 0.64 -0.30	36.67 0.40 -0.14	30.60 0.21 -0.40	31.29 0.16 0.00	29.00 0.17 0.00
CAITHNESS_CC_1 323624	30.30 1.41 -12.17	29.29 0.80 -17.80	27.69 0.87 -15.66	27.69 0.85 -15.63	27.93 0.82 -15.89	29.71 1.04 -13.84	31.58 1.34 -11.91	31.03 0.85 -19.27	29.35 1.31 -12.30	28.05 0.96 -15.39	28.37 1.25 -9.20	28.33 1.22 -9.13	27.78 1.56 -5.71	28.13 1.57 -7.48	29.71 1.65 -10.31	40.13 2.53 -13.08	82.18 3.28 -47.11	194.17 3.14 -151.29	203.60 4.42 -157.42	133.97 3.59 -93.02	102.97 3.58 -63.26	76.19 3.12 -43.09	45.48 3.11 -11.23	31.20 2.33 -0.04
CALPINE_BETH_PAGE_GT4 24209	30.14 1.24 -12.17	29.21 0.72 -17.80	27.57 0.75 -15.66	27.55 0.71 -15.63	27.78 0.66 -15.89	29.60 0.92 -13.84	31.42 1.17 -11.91	30.92 0.74 -19.27	29.18 1.15 -12.28	27.92 0.83 -15.39	28.23 1.11 -9.20	28.23 1.11 -9.13	27.60 1.37 -5.71	27.87 1.35 -7.44	29.45 1.44 -10.26	32.06 2.21 -5.33	42.01 2.67 -7.55	51.96 2.42 -9.79	48.21 3.38 -3.07	45.30 3.03 -4.90	41.87 2.96 -2.78	38.47 2.58 -5.90	33.98 2.68 -0.16	30.76 1.93 0.00
CALPINE_BETH_PAGE_GT_4 323586	30.14 1.24 -12.17	29.21 0.72 -17.80	27.58 0.76 -15.66	27.57 0.73 -15.63	27.83 0.72 -15.89	29.60 0.92 -13.84	31.42 1.17 -11.91	30.92 0.74 -19.27	29.16 1.13 -12.28	27.92 0.83 -15.39	28.23 1.11 -9.20	28.21 1.10 -9.13	27.60 1.37 -5.71	27.88 1.36 -7.44	29.45 1.44 -10.26	32.07 2.21 -5.34	42.04 2.70 -7.55	52.04 2.51 -9.79	48.37 3.55 -3.07	45.29 3.03 -4.90	41.91 3.00 -2.78	38.50 2.61 -5.90	34.01 2.71 -0.16	30.73 1.90 0.00
CALPINE_BP_GT1 23823	30.14 1.24 -12.17	29.21 0.72 -17.80	27.58 0.76 -15.66	27.57 0.73 -15.63	27.83 0.72 -15.89	29.60 0.92 -13.84	31.42 1.17 -11.91	30.92 0.74 -19.27	29.16 1.13 -12.28	27.92 0.83 -15.39	28.23 1.11 -9.20	28.21 1.10 -9.13	27.60 1.37 -5.71	27.88 1.36 -7.44	29.45 1.44 -10.26	32.07 2.21 -5.34	42.04 2.70 -7.55	52.04 2.51 -9.79	48.37 3.55 -3.07	45.29 3.03 -4.90	41.91 3.00 -2.78	38.50 2.61 -5.90	34.01 2.71 -0.16	30.73 1.90 0.00
CALSPAN___DRP 24200	19.83 -0.15 -3.25	15.37 -0.07 -4.75	15.28 -0.06 -4.18	15.32 -0.06 -4.17	15.41 -0.06 -4.24	18.41 -0.12 -3.70	21.09 -0.42 -3.18	15.68 -0.37 -5.14	18.43 -0.60 -3.28	15.39 -0.42 -4.11	19.82 -0.56 -2.46	19.82 -0.59 -2.44	21.38 -0.66 -1.53	20.48 -0.59 -1.99	19.94 -0.55 -2.74	25.08 -0.83 -1.40	32.34 -1.30 -1.86	40.37 -1.99 -2.61	40.30 -1.96 -0.51	36.50 -1.94 -1.08	35.04 -1.59 -0.50	30.21 -1.20 -1.43	30.61 -0.53 0.00	28.57 -0.26 0.00
CALVERTON___SOLAR 323806	30.44 1.54 -12.17	29.37 0.88 -17.80	27.77 0.95 -15.66	27.77 0.93 -15.63	28.01 0.90 -15.89	29.83 1.16 -13.84	31.71 1.47 -11.91	31.11 0.93 -19.27	29.46 1.42 -12.30	28.13 1.04 -15.39	28.49 1.38 -9.20	28.44 1.33 -9.13	27.93 1.70 -5.71	28.26 1.70 -7.48	29.85 1.79 -10.31	40.34 2.75 -13.08	82.43 3.56 -47.08	194.40 3.50 -151.15	203.93 4.88 -157.29	134.24 3.92 -92.95	103.25 3.90 -63.21	76.44 3.39 -43.06	45.72 3.36 -11.22	31.41 2.54 -0.04
CANDIGU_WT_PWR 323617	20.72 0.02 -3.97	16.51 0.01 -5.81	16.29 0.02 -5.11	16.35 0.03 -5.11	16.46 0.05 -5.19	19.41 0.06 -4.52	22.13 -0.09 -3.89	17.09 -0.11 -6.29	19.52 -0.24 -4.01	16.53 -0.20 -5.03	20.63 -0.29 -3.00	20.64 -0.32 -2.98	22.01 -0.37 -1.87	21.17 -0.34 -2.43	20.80 -0.30 -3.35	25.81 -0.42 -1.71	33.68 -0.38 -2.27	42.47 -0.48 -3.20	42.08 -0.34 -0.67	38.35 -0.34 -1.32	36.59 -0.14 -0.61	31.61 -0.12 -1.74	31.08 -0.06 0.00	28.83 0.00 0.00

CARR STREET_E_SYR 24060	19.06 0.00 -2.33	14.08 -0.02 -3.41	14.14 -0.01 -3.00	14.19 -0.01 -2.99	14.25 -0.01 -3.04	17.48 0.00 -2.65	20.56 -0.05 -2.28	14.56 -0.04 -3.69	18.04 -0.06 -2.35	14.60 -0.05 -2.95	19.61 -0.07 -1.76	19.67 -0.05 -1.75	21.55 -0.06 -1.09	20.47 -0.04 -1.42	19.68 -0.04 -1.96	25.43 -0.10 -1.00	32.87 -0.26 -1.33	41.06 -0.56 -1.87	41.49 -0.67 -0.41	37.58 -0.56 -0.77	36.13 -0.36 -0.36	30.77 -0.24 -1.02	30.86 -0.28 0.00	28.57 -0.26 0.00
CARTHAGE___PAPER 23857	17.53 -0.57 -1.38	12.37 -0.33 -2.01	12.55 -0.38 -1.77	12.59 -0.38 -1.77	12.66 -0.36 -1.80	15.94 -0.46 -1.57	19.28 -0.40 -1.35	12.92 -0.17 -2.18	16.76 -0.38 -1.39	13.12 -0.33 -1.74	18.38 -0.57 -1.04	18.44 -0.58 -1.03	20.42 -0.74 -0.65	19.26 -0.67 -0.84	18.29 -0.62 -1.16	24.40 -0.71 -0.59	32.10 -0.48 -0.79	41.05 0.20 -1.11	42.29 0.29 -0.24	38.05 0.23 -0.46	36.27 -0.07 -0.21	30.29 -0.30 -0.60	30.80 -0.34 0.00	28.54 -0.29 0.00
CASSADAGA_WT_PWR 323784	19.94 -0.13 -3.34	15.53 -0.05 -4.89	15.46 0.00 -4.30	15.55 0.05 -4.30	15.66 0.07 -4.37	18.73 0.09 -3.80	21.50 -0.11 -3.27	16.02 -0.19 -5.30	18.76 -0.36 -3.37	15.64 -0.29 -4.23	20.00 -0.45 -2.53	20.00 -0.48 -2.51	21.51 -0.57 -1.57	20.63 -0.50 -2.04	20.18 -0.39 -2.82	25.44 -0.52 -1.44	33.35 -0.35 -1.91	42.08 -0.36 -2.69	42.04 -0.25 -0.53	38.14 -0.34 -1.11	36.60 -0.04 -0.51	31.42 -0.03 -1.46	31.20 0.06 0.00	29.06 0.23 0.00
CE_DUNWOOD___DRP 24194	29.80 0.92 -12.16	29.04 0.58 -17.78	27.40 0.60 -15.64	27.40 0.58 -15.62	27.65 0.55 -15.87	29.43 0.77 -13.83	31.17 0.94 -11.89	30.73 0.58 -19.24	28.91 0.90 -12.26	27.75 0.68 -15.37	28.09 0.99 -9.19	28.09 0.99 -9.12	27.41 1.19 -5.70	27.58 1.07 -7.43	28.98 0.98 -10.25	31.12 1.37 -5.23	40.52 1.78 -6.95	51.59 2.07 -9.78	46.13 2.25 -2.12	43.45 2.06 -4.03	39.98 1.99 -1.86	37.06 1.74 -5.33	32.85 1.71 0.00	30.38 1.56 0.00
CE_MILLWOOD___DRP 24193	29.72 0.89 -12.11	28.95 0.56 -17.70	27.31 0.58 -15.58	27.32 0.56 -15.55	27.56 0.53 -15.81	29.34 0.74 -13.77	31.08 0.90 -11.84	30.63 0.56 -19.16	28.83 0.87 -12.21	27.66 0.66 -15.30	28.01 0.95 -9.15	28.01 0.95 -9.08	27.34 1.15 -5.68	27.51 1.03 -7.40	28.90 0.94 -10.21	31.05 1.32 -5.20	40.42 1.72 -6.92	51.47 1.99 -9.74	46.04 2.17 -2.11	43.36 1.98 -4.02	39.90 1.91 -1.85	36.98 1.68 -5.31	32.79 1.65 0.00	30.33 1.50 0.00
CE_NYC2_DRP 24202	29.95 1.05 -12.17	29.15 0.66 -17.80	27.51 0.69 -15.66	27.50 0.66 -15.63	27.72 0.61 -15.89	29.49 0.82 -13.84	31.22 0.97 -11.91	30.79 0.61 -19.27	28.97 0.94 -12.28	27.83 0.74 -15.39	28.15 1.04 -9.20	28.17 1.06 -9.13	27.52 1.29 -5.71	27.68 1.16 -7.44	29.06 1.05 -10.26	31.20 1.45 -5.23	40.62 1.88 -6.95	51.60 2.07 -9.79	46.13 2.25 -2.12	43.49 2.09 -4.04	40.01 2.02 -1.86	37.19 1.86 -5.34	32.94 1.81 0.00	30.56 1.73 0.00
CE_NYC_DRP 24195	29.88 0.99 -12.17	29.12 0.63 -17.80	27.47 0.66 -15.66	27.47 0.63 -15.63	27.68 0.57 -15.89	29.49 0.82 -13.84	31.23 0.99 -11.91	30.80 0.62 -19.26	29.00 0.98 -12.28	27.82 0.74 -15.39	28.17 1.06 -9.20	28.19 1.08 -9.13	27.52 1.29 -5.71	27.66 1.14 -7.44	29.06 1.05 -10.26	31.20 1.45 -5.23	40.62 1.88 -6.95	51.30 2.07 -9.48	45.89 2.25 -1.88	43.53 2.13 -4.04	40.05 2.06 -1.86	37.16 1.83 -5.34	32.91 1.77 0.00	30.47 1.64 0.00
CHAFFEE___LFGE 323603	19.88 -0.15 -3.30	15.44 -0.07 -4.83	15.35 -0.06 -4.25	15.39 -0.06 -4.24	15.46 -0.07 -4.31	18.47 -0.12 -3.75	21.16 -0.40 -3.23	15.78 -0.36 -5.22	18.50 -0.58 -3.33	15.48 -0.40 -4.17	19.89 -0.52 -2.49	19.90 -0.56 -2.48	21.45 -0.61 -1.55	20.55 -0.55 -2.02	20.02 -0.52 -2.78	25.15 -0.79 -1.42	32.82 -0.86 -1.89	41.21 -1.19 -2.66	41.06 -1.21 -0.52	37.23 -1.23 -1.09	35.73 -0.90 -0.50	30.68 -0.75 -1.44	30.36 -0.78 0.00	28.31 -0.52 0.00
CHATEAUG_35_KV_LOAD 355732	14.94 -2.26 -0.47	10.11 -1.27 -0.69	10.39 -1.37 -0.61	10.28 -1.54 -0.61	10.37 -1.47 -0.62	13.35 -2.02 -0.54	17.15 -1.65 -0.46	10.88 -0.77 -0.75	14.84 -1.39 -0.48	11.23 -1.06 -0.60	16.61 -1.67 -0.36	16.73 -1.60 -0.35	18.72 -2.01 -0.22	17.37 -2.00 -0.29	16.30 -1.85 -0.40	22.15 -2.57 -0.20	29.90 -2.16 -0.27	39.05 -1.07 -0.38	41.13 -0.71 -0.08	36.85 -0.67 -0.16	34.69 -1.52 -0.07	28.49 -1.71 -0.21	29.18 -1.96 0.00	27.36 -1.47 0.00
CHATEAUG_WT_PWR 323614	14.94 -2.24 -0.46	10.08 -1.28 -0.67	10.37 -1.37 -0.59	10.26 -1.53 -0.59	10.35 -1.47 -0.60	13.32 -2.03 -0.52	17.12 -1.67 -0.45	10.84 -0.80 -0.72	14.79 -1.42 -0.46	11.20 -1.08 -0.58	16.56 -1.70 -0.35	16.69 -1.64 -0.34	18.70 -2.03 -0.21	17.34 -2.02 -0.28	16.27 -1.86 -0.39	22.14 -2.57 -0.20	29.83 -2.23 -0.26	38.92 -1.19 -0.37	41.04 -0.79 -0.08	36.77 -0.75 -0.15	34.61 -1.59 -0.07	28.42 -1.77 -0.20	29.58 -1.56 0.00	27.73 -1.10 0.00
CHAT_HIGH_FALL_HYD 323578	14.94 -2.26 -0.47	10.11 -1.27 -0.69	10.39 -1.37 -0.61	10.28 -1.53 -0.61	10.37 -1.47 -0.62	13.35 -2.02 -0.54	17.15 -1.65 -0.46	10.88 -0.77 -0.75	14.84 -1.39 -0.48	11.23 -1.06 -0.60	16.61 -1.67 -0.36	16.72 -1.62 -0.35	18.73 -2.01 -0.22	17.37 -2.00 -0.29	16.30 -1.85 -0.40	22.15 -2.57 -0.20	29.87 -2.19 -0.27	39.01 -1.11 -0.38	41.13 -0.71 -0.08	36.85 -0.67 -0.16	34.65 -1.55 -0.07	28.46 -1.74 -0.21	29.61 -1.53 0.00	27.76 -1.07 0.00
CHAUTAUQUA___LFGE 323629	20.03 -0.02 -3.32	15.56 0.01 -4.86	15.49 0.06 -4.27	15.54 0.07 -4.26	15.64 0.08 -4.34	18.68 0.07 -3.78	21.42 -0.17 -3.25	15.95 -0.22 -5.26	18.72 -0.38 -3.35	15.62 -0.28 -4.20	20.07 -0.36 -2.51	20.07 -0.40 -2.49	21.62 -0.45 -1.56	20.73 -0.38 -2.03	20.21 -0.34 -2.80	25.46 -0.49 -1.43	33.24 -0.45 -1.90	41.82 -0.60 -2.67	41.69 -0.58 -0.52	37.79 -0.67 -1.10	36.31 -0.33 -0.51	31.17 -0.27 -1.45	30.92 -0.22 0.00	28.80 -0.03 0.00
CHERRYST_13_KV_LD 356241	29.93 1.04 -12.17	29.14 0.65 -17.80	27.50 0.68 -15.66	27.49 0.65 -15.63	27.72 0.61 -15.89	29.53 0.86 -13.84	31.29 1.05 -11.91	30.83 0.65 -19.26	29.03 1.01 -12.28	27.86 0.77 -15.39	28.22 1.11 -9.20	28.22 1.11 -9.13	27.58 1.35 -5.71	27.72 1.20 -7.44	29.09 1.08 -10.26	31.25 1.50 -5.23	40.68 1.94 -6.95	51.37 2.15 -9.48	46.01 2.38 -1.88	43.60 2.20 -4.04	40.12 2.13 -1.86	37.25 1.92 -5.34	32.97 1.84 0.00	30.56 1.73 0.00
CHESTROR_138KV_BK263 355645	28.59 0.69 -11.18	27.47 0.43 -16.35	25.99 0.45 -14.39	25.99 0.43 -14.36	26.22 0.40 -14.60	28.13 0.58 -12.72	29.95 0.68 -10.94	29.03 0.43 -17.70	27.69 0.66 -11.28	26.33 0.49 -14.13	27.08 0.72 -8.45	27.07 0.70 -8.39	26.60 0.84 -5.25	26.66 0.74 -6.83	27.87 0.69 -9.43	30.31 0.98 -4.81	39.45 1.27 -6.39	50.25 1.51 -8.99	45.33 1.63 -1.95	42.57 1.49 -3.71	39.25 1.41 -1.71	36.15 1.26 -4.90	32.38 1.25 0.00	29.95 1.12 0.00
CH_MIDHUDSON___DRP 24192	29.88 0.80 -12.36	29.27 0.51 -18.07	27.59 0.54 -15.90	27.59 0.52 -15.87	27.85 0.49 -16.13	29.58 0.70 -14.05	31.25 0.83 -12.09	30.97 0.50 -19.56	29.00 0.79 -12.47	27.92 0.60 -15.62	28.11 0.86 -9.34	28.11 0.86 -9.27	27.32 1.01 -5.80	27.53 0.90 -7.55	29.02 0.85 -10.42	31.06 1.23 -5.31	40.54 1.68 -7.06	51.67 1.99 -9.94	46.08 2.17 -2.15	43.41 1.94 -4.10	39.90 1.88 -1.89	37.03 1.62 -5.42	32.73 1.59 0.00	30.24 1.41 0.00

CH_MISC_IPPS 23765	29.74 0.89 -12.12	28.98 0.56 -17.73	27.34 0.58 -15.60	27.34 0.56 -15.58	27.62 0.56 -15.83	29.38 0.76 -13.79	31.08 0.88 -11.86	30.65 0.55 -19.19	28.83 0.85 -12.23	27.67 0.64 -15.33	27.99 0.91 -9.16	27.97 0.90 -9.10	27.27 1.07 -5.69	27.43 0.93 -7.41	28.86 0.89 -10.22	31.03 1.30 -5.21	40.56 1.84 -6.93	51.68 2.18 -9.75	46.29 2.42 -2.11	43.51 2.13 -4.02	40.04 2.06 -1.85	37.08 1.77 -5.32	32.88 1.74 0.00	30.33 1.50 0.00
CH_RES_BVR_FALLS 23983	15.80 -1.24 -0.31	10.44 -0.71 -0.46	10.80 -0.76 -0.40	10.78 -0.83 -0.40	10.83 -0.80 -0.41	14.11 -1.08 -0.36	17.71 -0.93 -0.31	10.94 -0.47 -0.50	15.26 -0.80 -0.32	11.49 -0.61 -0.40	17.19 -0.97 -0.24	17.28 -0.94 -0.24	19.51 -1.15 -0.15	18.17 -1.11 -0.19	17.00 -1.01 -0.26	23.28 -1.37 -0.14	30.70 -1.27 -0.18	39.16 -0.84 -0.25	41.14 -0.67 -0.05	36.83 -0.64 -0.10	35.17 -1.01 -0.05	29.11 -1.02 -0.14	30.20 -0.93 0.00	28.14 -0.69 0.00
CH_RES_NIAGARA 23895	19.34 -0.50 -3.12	14.97 -0.28 -4.56	14.93 -0.23 -4.01	14.94 -0.27 -4.00	15.01 -0.28 -4.07	17.94 -0.43 -3.54	20.45 -0.93 -3.05	15.13 -0.71 -4.93	17.82 -1.07 -3.14	14.88 -0.76 -3.94	19.27 -1.00 -2.35	19.27 -1.04 -2.34	20.79 -1.19 -1.46	19.92 -1.07 -1.90	19.37 -1.01 -2.63	24.34 -1.52 -1.34	31.73 -1.84 -1.78	39.63 -2.62 -2.51	39.52 -2.71 -0.47	35.82 -2.58 -1.03	34.47 -2.13 -0.47	29.58 -1.77 -1.36	29.30 -1.84 0.00	27.47 -1.35 0.00
CH_RES_SYRACUSE 23985	19.30 0.10 -2.47	14.35 0.04 -3.62	14.38 0.04 -3.18	14.44 0.06 -3.18	14.51 0.06 -3.23	17.73 0.09 -2.81	20.83 0.07 -2.42	14.86 0.03 -3.92	18.28 0.03 -2.50	14.85 0.02 -3.13	19.84 0.05 -1.87	19.89 0.05 -1.86	21.76 0.08 -1.16	20.67 0.08 -1.51	19.92 0.09 -2.09	25.66 0.07 -1.06	33.24 0.03 -1.41	41.69 -0.04 -1.99	42.02 -0.17 -0.43	38.11 -0.07 -0.82	36.51 0.00 -0.38	31.07 0.00 -1.08	31.08 -0.06 0.00	28.77 -0.06 0.00
CLINTON_WT_PWR 323605	14.94 -2.24 -0.46	10.08 -1.28 -0.67	10.37 -1.37 -0.59	10.26 -1.53 -0.59	10.35 -1.47 -0.60	13.32 -2.03 -0.52	17.12 -1.67 -0.45	10.84 -0.80 -0.72	14.79 -1.42 -0.46	11.20 -1.08 -0.58	16.56 -1.70 -0.35	16.69 -1.64 -0.34	18.70 -2.03 -0.21	17.34 -2.02 -0.28	16.27 -1.86 -0.39	22.14 -2.57 -0.20	29.83 -2.23 -0.26	38.92 -1.19 -0.37	41.04 -0.79 -0.08	36.77 -0.75 -0.15	34.61 -1.59 -0.07	28.42 -1.77 -0.20	29.58 -1.56 0.00	27.73 -1.10 0.00
CLINTON__LFGE 323618	15.10 -2.09 -0.46	10.21 -1.15 -0.67	10.50 -1.25 -0.59	10.37 -1.42 -0.59	10.47 -1.36 -0.60	13.49 -1.87 -0.52	17.32 -1.47 -0.45	10.99 -0.65 -0.73	14.99 -1.23 -0.47	11.35 -0.94 -0.58	16.78 -1.49 -0.35	16.91 -1.42 -0.35	18.92 -1.81 -0.22	17.55 -1.81 -0.28	16.47 -1.67 -0.39	22.39 -2.33 -0.20	30.24 -1.81 -0.26	39.60 -0.52 -0.37	41.75 -0.08 -0.08	37.41 -0.11 -0.15	35.12 -1.08 -0.07	28.81 -1.38 -0.20	29.95 -1.18 0.00	28.11 -0.72 0.00
COBBLENY_34_KV_TB1 80064	19.88 -0.15 -3.30	15.44 -0.07 -4.83	15.35 -0.06 -4.25	15.39 -0.06 -4.24	15.47 -0.06 -4.31	18.47 -0.12 -3.75	21.16 -0.40 -3.23	15.78 -0.36 -5.22	18.50 -0.58 -3.33	15.48 -0.40 -4.17	19.89 -0.52 -2.49	19.90 -0.56 -2.48	21.45 -0.62 -1.55	20.55 -0.55 -2.02	20.02 -0.51 -2.78	25.16 -0.78 -1.42	32.47 -1.21 -1.89	40.57 -1.83 -2.66	40.48 -1.80 -0.52	36.63 -1.83 -1.09	35.15 -1.48 -0.50	30.30 -1.14 -1.45	30.70 -0.44 0.00	28.60 -0.23 0.00
COFFEEN__115KV_TB3 355620	18.23 -0.12 -1.62	12.99 -0.07 -2.37	13.12 -0.12 -2.09	13.20 -0.09 -2.08	13.27 -0.07 -2.12	16.62 -0.06 -1.85	19.87 -0.06 -1.59	13.49 0.01 -2.57	17.28 -0.11 -1.64	13.61 -0.14 -2.05	18.84 -0.30 -1.23	18.89 -0.31 -1.22	20.84 -0.43 -0.76	19.75 -0.32 -0.99	18.80 -0.32 -1.37	25.00 -0.22 -0.70	32.75 0.03 -0.93	41.81 0.76 -1.31	42.83 0.79 -0.28	38.57 0.67 -0.54	36.85 0.47 -0.25	30.88 0.18 -0.71	31.20 0.06 0.00	28.86 0.03 0.00
COLDSPRG_115KV_BK1 355956	20.21 0.10 -3.38	15.72 0.09 -4.95	15.63 0.12 -4.36	15.71 0.16 -4.35	15.81 0.17 -4.42	18.89 0.21 -3.85	21.68 0.04 -3.31	16.20 -0.07 -5.36	18.97 -0.19 -3.41	15.85 -0.13 -4.28	20.31 -0.16 -2.56	20.30 -0.22 -2.54	21.86 -0.25 -1.59	20.94 -0.21 -2.07	20.44 -0.16 -2.85	25.71 -0.27 -1.45	33.28 -0.45 -1.93	41.83 -0.64 -2.72	41.67 -0.63 -0.54	37.81 -0.67 -1.12	36.21 -0.43 -0.52	31.20 -0.27 -1.48	31.95 0.81 0.00	29.72 0.89 0.00
COLONIE_LFGE__ 323577	32.05 0.59 -14.74	32.63 0.38 -21.56	30.53 0.40 -18.97	30.53 0.39 -18.94	30.89 0.42 -19.25	32.15 0.55 -16.77	33.44 0.68 -14.42	34.63 0.38 -23.34	31.20 0.58 -14.87	30.77 0.43 -18.64	29.75 0.70 -11.14	29.74 0.70 -11.06	28.19 0.76 -6.92	28.82 0.72 -9.01	30.86 0.67 -12.43	31.89 1.03 -6.34	41.65 1.43 -8.42	53.47 1.87 -11.86	46.21 1.88 -2.57	43.90 1.64 -4.89	39.97 1.59 -2.25	37.74 1.29 -6.47	32.54 1.40 0.00	30.07 1.24 0.00
COOPERNY_115KV_TB1 80082	26.71 0.54 -9.45	24.84 0.33 -13.82	23.66 0.35 -12.16	23.69 0.35 -12.14	23.88 0.33 -12.34	26.02 0.44 -10.75	28.09 0.51 -9.24	26.19 0.33 -14.95	25.78 0.50 -9.53	24.02 0.37 -11.94	25.61 0.56 -7.14	25.61 0.54 -7.09	25.58 0.64 -4.43	25.45 0.59 -5.77	26.25 0.53 -7.97	29.34 0.76 -4.06	38.14 0.95 -5.40	48.46 1.11 -7.60	44.61 1.21 -1.65	41.62 1.12 -3.13	38.62 1.05 -1.44	35.06 0.93 -4.14	32.10 0.97 0.00	29.69 0.86 0.00
COPENHAGEN_WT_PWR 323753	18.15 -0.23 -1.66	12.98 -0.14 -2.42	13.10 -0.19 -2.13	13.18 -0.16 -2.13	13.25 -0.13 -2.17	16.55 -0.16 -1.89	19.78 -0.18 -1.62	13.47 -0.07 -2.62	17.22 -0.21 -1.67	13.61 -0.19 -2.10	18.79 -0.38 -1.25	18.85 -0.38 -1.24	20.80 -0.49 -0.78	19.69 -0.40 -1.01	18.77 -0.37 -1.40	24.87 -0.37 -0.71	32.52 -0.22 -0.95	41.39 0.32 -1.33	42.42 0.37 -0.29	38.21 0.30 -0.55	36.53 0.15 -0.25	30.66 -0.06 -0.73	30.98 -0.15 0.00	28.68 -0.14 0.00
CORNELL____ 23752	21.13 0.47 -3.93	16.72 0.28 -5.75	16.51 0.29 -5.06	16.56 0.30 -5.05	16.67 0.31 -5.14	19.73 0.43 -4.47	22.68 0.50 -3.85	17.43 0.29 -6.23	20.11 0.39 -3.97	16.94 0.27 -4.97	21.28 0.39 -2.97	21.33 0.40 -2.95	22.83 0.47 -1.85	21.92 0.44 -2.40	21.49 0.43 -3.32	26.82 0.61 -1.69	34.86 0.83 -2.25	43.98 1.07 -3.16	43.39 0.96 -0.68	39.68 1.01 -1.30	37.74 1.01 -0.60	32.49 0.78 -1.72	32.01 0.87 0.00	29.61 0.78 0.00
CORONAAV_69_KV_TB1 355595	30.05 1.15 -12.17	29.16 0.67 -17.80	27.52 0.70 -15.66	27.51 0.67 -15.63	27.74 0.63 -15.89	29.55 0.88 -13.84	31.35 1.10 -11.91	30.88 0.70 -19.27	29.10 1.07 -12.28	27.87 0.78 -15.39	28.17 1.06 -9.20	28.17 1.06 -9.13	27.54 1.31 -5.71	27.80 1.28 -7.44	29.34 1.33 -10.26	31.89 2.13 -5.23	41.59 2.77 -7.04	52.08 2.54 -9.79	47.48 3.47 -2.26	44.70 3.18 -4.16	41.23 3.11 -1.99	38.10 2.70 -5.42	33.83 2.68 -0.02	30.79 1.96 0.00
CORTLAND_115KV_TB3 80093	20.41 0.30 -3.38	15.81 0.18 -4.94	15.69 0.19 -4.35	15.75 0.20 -4.34	15.84 0.20 -4.41	18.96 0.28 -3.84	21.95 0.31 -3.31	16.45 0.19 -5.35	19.39 0.24 -3.41	16.14 0.16 -4.27	20.72 0.25 -2.55	20.77 0.25 -2.53	22.39 0.29 -1.59	21.43 0.29 -2.06	20.86 0.27 -2.85	26.34 0.37 -1.45	34.20 0.48 -1.93	43.06 0.60 -2.72	42.84 0.50 -0.59	39.01 0.52 -1.12	37.19 0.54 -0.52	31.89 0.42 -1.48	31.67 0.53 0.00	29.29 0.46 0.00

COXSACKIE___GT 23611	31.63 1.05 -13.85	31.59 0.65 -20.25	29.65 0.68 -17.82	29.65 0.66 -17.79	30.01 0.71 -18.08	31.56 0.98 -15.75	32.98 1.10 -13.55	33.50 0.68 -21.92	30.74 1.02 -13.97	29.90 0.69 -17.50	29.27 0.90 -10.46	29.25 0.88 -10.39	28.02 1.00 -6.50	28.40 0.86 -8.46	30.29 0.87 -11.68	31.94 1.47 -5.95	42.44 2.73 -7.91	54.54 3.65 -11.14	47.97 3.80 -2.41	45.25 3.29 -4.59	41.32 3.07 -2.12	38.46 2.40 -6.07	33.38 2.24 0.00	30.79 1.96 0.00
CPV_VALLEY___CC1 323721	27.87 0.59 -10.56	26.49 0.36 -15.44	25.11 0.37 -13.58	25.12 0.36 -13.56	25.36 0.36 -13.78	27.31 0.47 -12.01	29.23 0.57 -10.33	27.97 0.35 -16.71	26.95 0.55 -10.65	25.47 0.42 -13.35	26.50 0.61 -7.98	26.49 0.59 -7.92	26.18 0.72 -4.95	26.18 0.65 -6.45	27.24 0.58 -8.90	29.89 0.83 -4.54	38.90 1.08 -6.03	49.47 1.23 -8.49	44.97 1.38 -1.84	42.10 1.23 -3.50	38.94 1.19 -1.61	35.67 1.05 -4.63	32.23 1.09 0.00	29.75 0.92 0.00
CPV_VALLEY___CC2 323722	27.87 0.59 -10.56	26.49 0.36 -15.44	25.11 0.37 -13.58	25.12 0.36 -13.56	25.36 0.36 -13.78	27.31 0.47 -12.01	29.23 0.57 -10.33	27.97 0.35 -16.71	26.95 0.55 -10.65	25.47 0.42 -13.35	26.50 0.61 -7.98	26.49 0.59 -7.92	26.18 0.72 -4.95	26.18 0.65 -6.45	27.24 0.58 -8.90	29.89 0.83 -4.54	38.90 1.08 -6.03	49.47 1.23 -8.49	44.97 1.38 -1.84	42.10 1.23 -3.50	38.94 1.19 -1.61	35.67 1.05 -4.63	32.23 1.09 0.00	29.75 0.92 0.00
CRESCENT___HYD 24018	32.05 0.59 -14.74	32.63 0.38 -21.56	30.53 0.40 -18.97	30.53 0.39 -18.94	30.89 0.42 -19.25	32.15 0.55 -16.77	33.44 0.68 -14.42	34.63 0.38 -23.34	31.20 0.58 -14.87	30.77 0.43 -18.64	29.75 0.70 -11.14	29.74 0.70 -11.06	28.19 0.76 -6.92	28.82 0.72 -9.01	30.86 0.67 -12.43	31.89 1.03 -6.34	41.65 1.43 -8.42	53.47 1.87 -11.86	46.21 1.88 -2.57	43.90 1.64 -4.89	39.97 1.59 -2.25	37.74 1.29 -6.47	32.54 1.40 0.00	30.07 1.24 0.00
CRICKET___VALLEY_CC1 323756	30.05 0.62 -12.71	29.69 0.42 -18.59	27.95 0.43 -16.35	27.96 0.43 -16.33	28.25 0.44 -16.60	29.85 0.56 -14.46	31.45 0.68 -12.43	31.43 0.40 -20.12	29.18 0.61 -12.82	28.24 0.47 -16.07	28.26 0.73 -9.60	28.23 0.72 -9.53	27.32 0.84 -5.96	27.63 0.78 -7.77	29.19 0.73 -10.72	31.06 1.08 -5.46	40.42 1.37 -7.26	51.68 1.71 -10.22	45.85 1.88 -2.22	43.18 1.61 -4.22	39.66 1.59 -1.94	36.94 1.38 -5.57	32.57 1.43 0.00	30.04 1.21 0.00
CRICKET___VALLEY_CC2 323757	30.05 0.62 -12.71	29.69 0.42 -18.59	27.95 0.43 -16.35	27.96 0.43 -16.33	28.25 0.44 -16.60	29.85 0.56 -14.46	31.45 0.68 -12.43	31.43 0.40 -20.12	29.18 0.61 -12.82	28.24 0.47 -16.07	28.26 0.73 -9.60	28.23 0.72 -9.53	27.32 0.84 -5.96	27.63 0.78 -7.77	29.19 0.73 -10.72	31.06 1.08 -5.46	40.42 1.37 -7.26	51.68 1.71 -10.22	45.85 1.88 -2.22	43.18 1.61 -4.22	39.66 1.59 -1.94	36.94 1.38 -5.57	32.57 1.43 0.00	30.04 1.21 0.00
CRICKET___VALLEY_CC3 323758	30.05 0.62 -12.71	29.69 0.42 -18.59	27.95 0.43 -16.35	27.96 0.43 -16.33	28.25 0.44 -16.60	29.85 0.56 -14.46	31.45 0.68 -12.43	31.43 0.40 -20.12	29.18 0.61 -12.82	28.24 0.47 -16.07	28.26 0.73 -9.60	28.23 0.72 -9.53	27.32 0.84 -5.96	27.63 0.78 -7.77	29.19 0.73 -10.72	31.06 1.08 -5.46	40.42 1.37 -7.26	51.68 1.71 -10.22	45.85 1.88 -2.22	43.18 1.61 -4.22	39.66 1.59 -1.94	36.94 1.38 -5.57	32.57 1.43 0.00	30.04 1.21 0.00
CRUCIBLE_METL_DRP 24180	19.30 0.10 -2.47	14.35 0.04 -3.62	14.38 0.04 -3.18	14.44 0.06 -3.18	14.51 0.06 -3.23	17.73 0.09 -2.81	20.83 0.07 -2.42	14.86 0.03 -3.92	18.27 0.03 -2.50	14.85 0.02 -3.13	19.84 0.05 -1.87	19.89 0.05 -1.86	21.76 0.08 -1.16	20.67 0.08 -1.51	19.92 0.09 -2.09	25.66 0.07 -1.06	33.24 0.03 -1.41	41.69 -0.04 -1.99	42.02 -0.17 -0.43	38.11 -0.07 -0.82	36.51 0.00 -0.38	31.07 0.00 -1.08	31.14 0.00 0.00	28.80 -0.03 0.00
DAHOWA___HYDRO 323763	32.64 0.97 -14.95	33.18 0.63 -21.86	31.04 0.65 -19.24	31.05 0.64 -19.20	31.42 0.67 -19.52	32.74 0.90 -17.00	34.08 1.12 -14.63	35.22 0.64 -23.66	31.79 0.96 -15.08	31.29 0.69 -18.90	30.27 1.06 -11.30	30.24 1.04 -11.21	28.66 1.13 -7.02	29.27 1.05 -9.13	31.35 0.99 -12.61	32.42 1.47 -6.43	42.43 2.10 -8.54	54.55 2.78 -12.03	47.16 2.80 -2.61	44.72 2.39 -4.96	40.66 2.24 -2.29	38.34 1.80 -6.56	33.16 2.02 0.00	30.70 1.87 0.00
DANC___LFGE 323619	18.36 -0.22 -1.85	13.26 -0.14 -2.71	13.37 -0.17 -2.38	13.44 -0.15 -2.38	13.51 -0.13 -2.42	16.78 -0.16 -2.11	19.95 -0.20 -1.81	13.73 -0.11 -2.93	17.40 -0.22 -1.87	13.87 -0.18 -2.34	19.00 -0.32 -1.40	19.05 -0.32 -1.39	20.97 -0.41 -0.87	19.87 -0.34 -1.13	18.99 -0.32 -1.56	24.97 -0.34 -0.80	32.50 -0.35 -1.06	41.16 -0.08 -1.49	41.99 -0.08 -0.32	37.87 -0.11 -0.61	36.27 -0.14 -0.28	30.56 -0.24 -0.81	30.80 -0.34 0.00	28.51 -0.32 0.00
DANSKAMMER___1 23586	29.74 0.89 -12.12	28.98 0.56 -17.73	27.34 0.58 -15.60	27.34 0.56 -15.58	27.62 0.56 -15.83	29.38 0.76 -13.79	31.08 0.88 -11.86	30.65 0.55 -19.19	28.83 0.85 -12.23	27.67 0.64 -15.33	27.99 0.91 -9.16	27.97 0.90 -9.10	27.27 1.07 -5.69	27.43 0.93 -7.41	28.86 0.89 -10.22	31.03 1.30 -5.21	40.56 1.84 -6.93	51.68 2.18 -9.75	46.29 2.42 -2.11	43.51 2.13 -4.02	40.04 2.06 -1.85	37.08 1.77 -5.32	32.88 1.74 0.00	30.33 1.50 0.00
DANSKAMMER___2 23589	29.74 0.89 -12.12	28.98 0.56 -17.73	27.34 0.58 -15.60	27.34 0.56 -15.58	27.62 0.56 -15.83	29.38 0.76 -13.79	31.08 0.88 -11.86	30.65 0.55 -19.19	28.83 0.85 -12.23	27.67 0.64 -15.33	27.99 0.91 -9.16	27.97 0.90 -9.10	27.27 1.07 -5.69	27.43 0.93 -7.41	28.86 0.89 -10.22	31.03 1.30 -5.21	40.56 1.84 -6.93	51.68 2.18 -9.75	46.29 2.42 -2.11	43.51 2.13 -4.02	40.04 2.06 -1.85	37.08 1.77 -5.32	32.88 1.74 0.00	30.33 1.50 0.00
DANSKAMMER___3 23590	29.74 0.89 -12.12	28.98 0.56 -17.73	27.34 0.58 -15.60	27.34 0.56 -15.58	27.62 0.56 -15.83	29.38 0.76 -13.79	31.08 0.88 -11.86	30.65 0.55 -19.19	28.83 0.85 -12.23	27.67 0.64 -15.33	27.99 0.91 -9.16	27.97 0.90 -9.10	27.27 1.07 -5.69	27.43 0.93 -7.41	28.86 0.89 -10.22	31.03 1.30 -5.21	40.56 1.84 -6.93	51.68 2.18 -9.75	46.29 2.42 -2.11	43.51 2.13 -4.02	40.04 2.06 -1.85	37.08 1.77 -5.32	32.88 1.74 0.00	30.33 1.50 0.00
DANSKAMMER___4 23591	29.74 0.89 -12.12	28.98 0.56 -17.73	27.34 0.58 -15.60	27.34 0.56 -15.58	27.62 0.56 -15.83	29.38 0.76 -13.79	31.08 0.88 -11.86	30.65 0.55 -19.19	28.83 0.85 -12.23	27.67 0.64 -15.33	27.99 0.91 -9.16	27.97 0.90 -9.10	27.27 1.07 -5.69	27.43 0.93 -7.41	28.86 0.89 -10.22	31.03 1.30 -5.21	40.56 1.84 -6.93	51.68 2.18 -9.75	46.29 2.42 -2.11	43.51 2.13 -4.02	40.04 2.06 -1.85	37.08 1.77 -5.32	32.88 1.74 0.00	30.33 1.50 0.00
DANSKAMMER___DIESEL 23592	29.74 0.89 -12.12	28.98 0.56 -17.73	27.34 0.58 -15.60	27.34 0.56 -15.58	27.59 0.54 -15.83	29.38 0.76 -13.79	31.08 0.88 -11.86	30.65 0.55 -19.19	28.83 0.85 -12.23	27.67 0.64 -15.33	27.99 0.91 -9.16	27.97 0.90 -9.10	27.27 1.07 -5.69	27.43 0.94 -7.41	28.86 0.89 -10.22	31.03 1.30 -5.21	40.53 1.81 -6.93	51.65 2.15 -9.75	46.25 2.38 -2.11	43.52 2.13 -4.02	40.01 2.02 -1.85	37.05 1.74 -5.32	32.85 1.71 0.00	30.33 1.50 0.00

DARBY___SOLAR 323810	32.55 0.90 -14.92	33.09 0.59 -21.82	30.96 0.60 -19.20	30.96 0.59 -19.16	31.33 0.63 -19.48	32.65 0.84 -16.97	33.98 1.04 -14.60	35.13 0.60 -23.62	31.70 0.90 -15.05	31.21 0.64 -18.86	30.18 0.98 -11.27	30.16 0.99 -11.19	28.60 1.09 -7.00	29.19 0.99 -9.12	31.27 0.94 -12.58	32.33 1.40 -6.41	42.29 1.97 -8.52	54.33 2.58 -12.00	46.99 2.63 -2.60	44.55 2.24 -4.95	40.54 2.13 -2.28	38.24 1.71 -6.54	33.04 1.90 0.00	30.59 1.76 0.00
DASHVILLE___HYD 23610	29.98 0.69 -12.56	29.48 0.42 -18.37	27.77 0.45 -16.17	27.78 0.44 -16.14	28.03 0.40 -16.41	29.69 0.56 -14.29	31.25 0.62 -12.29	31.18 0.38 -19.89	29.02 0.60 -12.68	28.04 0.46 -15.89	28.04 0.63 -9.49	28.02 0.61 -9.43	27.15 0.74 -5.90	27.39 0.63 -7.68	28.95 0.60 -10.60	30.83 0.91 -5.40	40.27 1.30 -7.18	51.36 1.51 -10.11	45.57 1.63 -2.19	43.06 1.53 -4.17	39.53 1.48 -1.92	36.79 1.29 -5.51	32.41 1.28 0.00	29.95 1.12 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	30.75 1.86 -12.17	29.58 1.09 -17.80	27.97 1.15 -15.66	27.95 1.11 -15.63	28.17 1.05 -15.89	30.13 1.45 -13.84	32.08 1.83 -11.91	31.32 1.15 -19.27	29.81 1.76 -12.30	28.35 1.26 -15.39	28.82 1.70 -9.20	28.82 1.71 -9.13	28.30 2.07 -5.71	28.62 2.06 -7.48	30.20 2.15 -10.31	40.84 3.26 -13.06	83.05 4.23 -47.03	195.01 4.29 -150.98	204.54 5.68 -157.10	134.92 4.71 -92.85	103.90 4.62 -63.14	76.96 3.96 -43.02	46.33 3.99 -11.21	32.01 3.14 -0.04
DELAWARE___LFGE 323621	23.62 0.59 -6.31	20.29 0.37 -9.23	19.66 0.38 -8.12	19.72 0.41 -8.10	19.88 0.42 -8.24	22.54 0.53 -7.18	25.11 0.61 -6.17	21.27 0.37 -9.99	22.66 0.55 -6.37	20.08 0.40 -7.98	23.28 0.59 -4.77	23.29 0.58 -4.73	24.13 0.66 -2.96	23.57 0.63 -3.86	23.64 0.57 -5.32	28.07 0.83 -2.71	36.51 1.11 -3.60	46.17 1.35 -5.08	44.27 1.42 -1.10	40.73 1.27 -2.09	38.32 1.23 -0.96	33.81 1.05 -2.77	32.26 1.12 0.00	29.84 1.01 0.00
DERFIELD_115KV_TB7 355931	17.01 -0.08 -0.37	11.19 -0.04 -0.54	11.58 -0.06 -0.48	11.63 -0.06 -0.48	11.66 -0.04 -0.49	15.19 -0.06 -0.42	18.65 -0.06 -0.36	11.48 -0.02 -0.59	16.08 -0.05 -0.38	12.14 -0.04 -0.47	18.13 -0.07 -0.28	18.20 -0.05 -0.28	20.61 -0.08 -0.17	19.23 -0.08 -0.23	17.99 -0.07 -0.31	24.58 -0.10 -0.16	31.94 -0.06 -0.21	40.08 0.04 -0.30	41.86 0.04 -0.06	37.52 0.04 -0.12	36.19 0.00 -0.06	30.12 -0.03 -0.16	31.11 -0.03 0.00	28.83 0.00 0.00
DOGLEVILLE___HYD 23807	17.20 0.10 -0.37	11.30 0.06 -0.54	11.70 0.07 -0.48	11.75 0.07 -0.48	11.79 0.08 -0.49	15.36 0.10 -0.42	18.85 0.15 -0.36	11.59 0.09 -0.59	16.22 0.10 -0.38	12.21 0.04 -0.47	18.20 0.00 -0.28	18.22 -0.08 -0.28	20.61 -0.09 -0.17	19.22 -0.11 -0.23	17.96 -0.11 -0.31	24.58 -0.10 -0.16	32.04 0.03 -0.21	40.28 0.24 -0.30	41.95 0.13 -0.06	37.86 0.37 -0.12	36.51 0.32 -0.06	30.48 0.33 -0.16	31.51 0.37 0.00	29.23 0.40 0.00
DUNKIRK___115KV_TB_200 55889	20.03 -0.02 -3.32	15.56 0.02 -4.85	15.48 0.06 -4.27	15.53 0.07 -4.26	15.63 0.08 -4.33	18.66 0.06 -3.77	21.42 -0.17 -3.25	15.94 -0.22 -5.25	18.70 -0.39 -3.35	15.62 -0.28 -4.19	20.07 -0.40 -2.51	20.07 -0.43 -2.49	21.64 -0.43 -1.56	20.73 -0.38 -2.03	20.21 -0.34 -2.80	25.43 -0.51 -1.43	32.86 -0.83 -1.90	41.10 -1.31 -2.67	41.03 -1.25 -0.52	37.16 -1.31 -1.10	35.66 -0.98 -0.51	30.72 -0.72 -1.46	31.11 -0.03 0.00	29.00 0.17 0.00
DUNKIRK___1 23563	20.03 -0.02 -3.32	15.56 0.02 -4.85	15.48 0.06 -4.27	15.53 0.07 -4.26	15.63 0.08 -4.33	18.66 0.06 -3.77	21.42 -0.17 -3.25	15.94 -0.22 -5.25	18.70 -0.39 -3.35	15.62 -0.28 -4.19	20.07 -0.43 -2.51	20.07 -0.40 -2.49	21.64 -0.43 -1.56	20.73 -0.38 -2.03	20.21 -0.34 -2.80	25.43 -0.51 -1.43	32.86 -0.83 -1.90	41.10 -1.31 -2.67	41.03 -1.25 -0.52	37.16 -1.31 -1.10	35.66 -0.98 -0.51	30.72 -0.72 -1.46	31.11 -0.03 0.00	29.00 0.17 0.00
DUNKIRK___2 23564	20.03 -0.02 -3.32	15.56 0.02 -4.85	15.48 0.06 -4.27	15.53 0.07 -4.26	15.63 0.08 -4.33	18.66 0.06 -3.77	21.42 -0.17 -3.25	15.94 -0.22 -5.25	18.70 -0.39 -3.35	15.62 -0.28 -4.19	20.07 -0.43 -2.51	20.07 -0.40 -2.49	21.64 -0.43 -1.56	20.73 -0.38 -2.03	20.21 -0.34 -2.80	25.43 -0.51 -1.43	32.86 -0.83 -1.90	41.10 -1.31 -2.67	41.03 -1.25 -0.52	37.16 -1.31 -1.10	35.66 -0.98 -0.51	30.72 -0.72 -1.46	31.11 -0.03 0.00	29.00 0.17 0.00
DUNKIRK___3 23565	19.98 -0.07 -3.32	15.54 -0.01 -4.86	15.46 0.02 -4.28	15.51 0.03 -4.27	15.59 0.03 -4.34	18.61 0.00 -3.78	21.35 -0.24 -3.25	15.91 -0.26 -5.26	18.66 -0.44 -3.35	15.59 -0.32 -4.20	20.03 -0.39 -2.51	20.02 -0.45 -2.49	21.58 -0.49 -1.56	20.67 -0.44 -2.03	20.14 -0.41 -2.80	25.34 -0.61 -1.43	32.70 -0.99 -1.90	40.87 -1.55 -2.67	40.82 -1.46 -0.52	36.93 -1.53 -1.10	35.45 -1.19 -0.51	30.55 -0.90 -1.46	30.98 -0.16 0.00	28.86 0.03 0.00
DUNKIRK___4 23566	19.94 -0.07 -3.28	15.47 -0.02 -4.80	15.39 0.01 -4.22	15.44 0.02 -4.22	15.54 0.03 -4.29	18.56 0.00 -3.73	21.29 -0.26 -3.21	15.83 -0.27 -5.20	18.59 -0.47 -3.31	15.52 -0.33 -4.15	19.97 -0.43 -2.48	19.97 -0.47 -2.46	21.52 -0.53 -1.54	20.63 -0.46 -2.01	20.11 -0.41 -2.77	25.29 -0.64 -1.41	32.68 -0.99 -1.88	40.84 -1.55 -2.64	40.81 -1.46 -0.51	36.92 -1.53 -1.09	35.44 -1.19 -0.50	30.53 -0.90 -1.44	30.95 -0.19 0.00	28.86 0.03 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	29.85 0.95 -12.17	29.09 0.60 -17.80	27.44 0.62 -15.66	27.44 0.61 -15.63	27.67 0.56 -15.89	29.47 0.80 -13.84	31.20 0.95 -11.91	30.78 0.60 -19.26	28.94 0.91 -12.28	27.79 0.70 -15.39	28.13 1.02 -9.20	28.13 1.02 -9.13	27.46 1.23 -5.71	27.64 1.13 -7.44	29.02 1.01 -10.26	31.17 1.42 -5.23	40.59 1.84 -6.95	51.64 2.11 -9.79	46.22 2.34 -2.12	43.53 2.13 -4.04	40.05 2.06 -1.86	37.16 1.83 -5.34	32.91 1.77 0.00	30.44 1.61 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	29.25 0.77 -11.75	28.36 0.48 -17.19	26.78 0.50 -15.12	26.78 0.48 -15.10	27.03 0.46 -15.35	28.84 0.64 -13.37	30.59 0.75 -11.50	29.98 0.47 -18.60	28.34 0.74 -11.86	27.11 0.55 -14.86	27.59 0.79 -8.88	27.57 0.77 -8.82	26.95 0.92 -5.52	27.08 0.82 -7.18	28.42 0.76 -9.91	30.68 1.10 -5.05	40.00 1.49 -6.71	50.95 1.75 -9.45	45.77 1.96 -2.05	43.02 1.76 -3.90	39.59 1.66 -1.80	36.58 1.44 -5.15	32.57 1.43 0.00	30.10 1.27 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	29.97 1.07 -12.17	29.15 0.66 -17.80	27.51 0.69 -15.66	27.50 0.66 -15.63	27.71 0.59 -15.89	29.43 0.76 -13.84	31.12 0.88 -11.91	30.72 0.55 -19.27	28.89 0.87 -12.28	27.77 0.68 -15.39	28.06 0.95 -9.20	28.08 0.97 -9.13	27.41 1.19 -5.71	27.59 1.07 -7.44	28.97 0.96 -10.26	31.05 1.30 -5.23	40.43 1.68 -6.95	51.40 1.87 -9.79	45.92 2.05 -2.12	43.31 1.91 -4.04	39.83 1.84 -1.86	37.01 1.68 -5.34	32.79 1.65 0.00	30.47 1.64 0.00
E179THST_13_KV_LOAD 356214	30.03 1.14 -12.17	29.19 0.71 -17.80	27.55 0.74 -15.66	27.54 0.71 -15.63	27.75 0.64 -15.89	29.48 0.80 -13.84	31.18 0.94 -11.91	30.77 0.59 -19.27	28.96 0.93 -12.28	27.81 0.73 -15.39	28.13 1.02 -9.20	28.15 1.04 -9.13	27.52 1.29 -5.71	27.68 1.16 -7.44	29.04 1.03 -10.26	31.17 1.42 -5.23	40.59 1.84 -6.95	51.56 2.03 -9.79	46.13 2.25 -2.12	43.49 2.09 -4.04	39.98 1.99 -1.86	37.16 1.83 -5.34	32.91 1.77 0.00	30.59 1.76 0.00

EAST HAMPTON___GT 23717	30.95 2.06 -12.17	29.71 1.22 -17.80	28.12 1.30 -15.66	28.13 1.29 -15.63	28.37 1.26 -15.89	30.31 1.63 -13.84	32.30 2.05 -11.91	31.47 1.29 -19.27	29.98 1.94 -12.30	28.49 1.40 -15.39	29.01 1.90 -9.20	28.98 1.87 -9.13	28.54 2.32 -5.71	28.85 2.29 -7.48	30.42 2.36 -10.31	41.17 3.58 -13.07	83.52 4.70 -47.03	195.62 4.93 -150.95	205.56 6.72 -157.08	135.47 5.27 -92.83	104.47 5.20 -63.13	77.41 4.41 -43.01	46.74 4.39 -11.21	32.33 3.46 -0.04
EAST RIVER___6 23660	29.95 1.05 -12.17	29.16 0.67 -17.80	27.52 0.70 -15.66	27.50 0.66 -15.63	27.77 0.66 -15.89	29.55 0.87 -13.84	31.31 1.06 -11.91	30.84 0.67 -19.26	29.08 1.06 -12.28	27.88 0.80 -15.39	28.26 1.15 -9.20	28.26 1.15 -9.13	27.62 1.40 -5.71	27.64 1.13 -7.44	29.02 1.01 -10.26	31.12 1.37 -5.23	40.52 1.78 -6.95	51.14 1.91 -9.48	45.80 2.17 -1.88	43.38 1.98 -4.04	39.94 1.95 -1.86	37.10 1.77 -5.34	32.85 1.71 0.00	30.35 1.53 0.00
EAST RIVER___7 23524	29.95 1.05 -12.17	29.16 0.67 -17.80	27.52 0.70 -15.66	27.50 0.66 -15.63	27.77 0.66 -15.89	29.55 0.87 -13.84	31.31 1.06 -11.91	30.84 0.67 -19.26	29.08 1.06 -12.28	27.88 0.80 -15.39	28.26 1.15 -9.20	28.26 1.15 -9.13	27.62 1.40 -5.71	27.64 1.13 -7.44	29.02 1.01 -10.26	31.12 1.37 -5.23	40.52 1.78 -6.95	51.14 1.91 -9.48	45.80 2.17 -1.88	43.38 1.98 -4.04	39.94 1.95 -1.86	37.10 1.77 -5.34	32.85 1.71 0.00	30.35 1.53 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	29.80 0.92 -12.16	29.04 0.58 -17.78	27.40 0.60 -15.64	27.40 0.58 -15.62	27.65 0.55 -15.87	29.43 0.77 -13.83	31.17 0.94 -11.89	30.73 0.58 -19.24	28.91 0.90 -12.26	27.75 0.68 -15.37	28.09 0.99 -9.19	28.09 0.99 -9.12	27.41 1.19 -5.70	27.58 1.07 -7.43	28.98 0.98 -10.25	31.12 1.37 -5.23	40.52 1.78 -6.95	51.59 2.07 -9.78	46.13 2.25 -2.12	43.45 2.06 -4.03	39.98 1.99 -1.86	37.06 1.74 -5.33	32.85 1.71 0.00	30.38 1.56 0.00
EAST_HAMPTON___DIESEL 23722	30.97 2.07 -12.17	29.71 1.22 -17.80	28.12 1.30 -15.66	28.13 1.29 -15.63	28.37 1.26 -15.89	30.31 1.63 -13.84	32.30 2.05 -11.91	31.47 1.29 -19.27	29.98 1.94 -12.30	28.49 1.40 -15.39	29.01 1.90 -9.20	28.98 1.87 -9.13	28.54 2.32 -5.71	28.85 2.29 -7.48	30.43 2.38 -10.31	41.17 3.58 -13.07	83.56 4.74 -47.03	195.67 4.97 -150.95	205.60 6.76 -157.08	135.50 5.30 -92.83	104.47 5.20 -63.13	77.41 4.41 -43.01	46.74 4.39 -11.21	32.33 3.46 -0.04
EAST_PULASKI___ESR 323781	18.61 -0.15 -2.03	13.55 -0.11 -2.97	13.65 -0.12 -2.61	13.70 -0.11 -2.61	13.77 -0.10 -2.65	17.02 -0.12 -2.31	20.14 -0.18 -1.99	14.02 -0.11 -3.21	17.61 -0.19 -2.05	14.13 -0.14 -2.57	19.22 -0.23 -1.53	19.27 -0.23 -1.52	21.20 -0.27 -0.95	20.09 -0.23 -1.24	19.25 -0.21 -1.71	25.10 -0.29 -0.87	32.57 -0.38 -1.16	40.98 -0.40 -1.63	41.65 -0.46 -0.35	37.66 -0.37 -0.67	36.12 -0.33 -0.31	30.55 -0.33 -0.89	30.73 -0.40 0.00	28.42 -0.40 0.00
EAST_RIVER___1 323558	29.88 0.99 -12.17	29.12 0.63 -17.80	27.47 0.66 -15.66	27.47 0.63 -15.63	27.74 0.63 -15.89	29.49 0.82 -13.84	31.23 0.99 -11.91	30.80 0.62 -19.26	29.00 0.98 -12.28	27.82 0.74 -15.39	28.17 1.06 -9.20	28.17 1.06 -9.13	27.52 1.29 -5.71	27.66 1.14 -7.44	29.06 1.05 -10.26	31.20 1.45 -5.23	40.62 1.88 -6.95	51.29 2.07 -9.48	45.93 2.29 -1.88	43.53 2.13 -4.04	40.05 2.06 -1.86	37.19 1.86 -5.34	32.94 1.81 0.00	30.47 1.64 0.00
EAST_RIVER___2 323559	29.95 1.05 -12.17	29.16 0.67 -17.80	27.52 0.70 -15.66	27.50 0.66 -15.63	27.77 0.66 -15.89	29.55 0.87 -13.84	31.31 1.06 -11.91	30.84 0.67 -19.26	29.08 1.06 -12.28	27.88 0.80 -15.39	28.26 1.15 -9.20	28.26 1.15 -9.13	27.62 1.40 -5.71	27.64 1.13 -7.44	29.02 1.01 -10.26	31.12 1.37 -5.23	40.52 1.78 -6.95	51.14 1.91 -9.48	45.80 2.17 -1.88	43.38 1.98 -4.04	39.94 1.95 -1.86	37.10 1.77 -5.34	32.85 1.71 0.00	30.35 1.53 0.00
EAST___DELAWARE_HYD 23607	28.34 0.54 -11.08	27.22 0.32 -16.21	25.75 0.33 -14.26	25.77 0.33 -14.23	26.01 0.31 -14.47	27.88 0.44 -12.60	29.65 0.48 -10.84	28.77 0.32 -17.54	27.45 0.52 -11.18	26.10 0.39 -14.01	26.77 0.48 -8.37	26.74 0.45 -8.31	26.27 0.55 -5.20	26.31 0.46 -6.77	27.55 0.46 -9.34	30.00 0.71 -4.76	39.27 1.14 -6.33	50.01 1.35 -8.92	45.36 1.67 -1.93	42.42 1.38 -3.68	39.12 1.30 -1.69	35.99 1.14 -4.86	32.20 1.06 0.00	29.66 0.84 0.00
EIGHT_POINT___WT_PWR 323820	20.63 0.12 -3.79	16.30 0.06 -5.54	16.12 0.09 -4.88	16.17 0.10 -4.87	16.28 0.11 -4.95	19.31 0.16 -4.31	22.08 0.04 -3.71	16.87 -0.04 -6.00	19.40 -0.17 -3.82	16.33 -0.16 -4.79	20.51 -0.27 -2.86	20.50 -0.32 -2.84	21.90 -0.39 -1.78	21.06 -0.34 -2.32	20.66 -0.28 -3.20	25.81 -0.34 -1.63	33.74 -0.22 -2.17	42.67 -0.12 -3.05	42.48 0.08 -0.64	38.70 0.07 -1.26	37.03 0.32 -0.58	31.89 0.24 -1.66	31.45 0.31 0.00	29.20 0.37 0.00
ELBRIDGE_115KV_TB2 80188	19.31 0.03 -2.55	14.42 0.00 -3.73	14.44 0.00 -3.28	14.49 0.01 -3.27	14.56 0.01 -3.33	17.76 0.03 -2.90	20.83 0.00 -2.49	14.94 -0.01 -4.04	18.29 -0.03 -2.57	14.90 -0.02 -3.22	19.81 -0.04 -1.93	19.86 -0.04 -1.91	21.69 -0.02 -1.20	20.62 -0.02 -1.56	19.90 0.00 -2.15	25.57 -0.05 -1.10	33.12 -0.13 -1.46	41.56 -0.24 -2.05	41.91 -0.29 -0.44	37.95 -0.26 -0.85	36.34 -0.18 -0.39	30.96 -0.15 -1.12	30.98 -0.16 0.00	28.68 -0.14 0.00
ELEC_TRO_TEK 24086	29.97 1.07 -12.17	29.11 0.62 -17.80	27.47 0.65 -15.66	27.45 0.61 -15.63	27.69 0.57 -15.89	29.48 0.80 -13.84	31.25 1.01 -11.91	30.82 0.64 -19.27	29.02 0.99 -12.28	27.81 0.73 -15.39	28.08 0.97 -9.20	28.08 0.97 -9.13	27.44 1.21 -5.71	27.70 1.18 -7.44	29.26 1.24 -10.26	31.75 1.99 -5.24	41.43 2.54 -7.09	51.84 2.31 -9.79	47.36 3.26 -2.35	44.52 2.91 -4.24	41.03 2.82 -2.08	37.92 2.46 -5.47	33.63 2.46 -0.03	30.59 1.76 0.00
ELLENBURG_WT_PWR 323604	14.94 -2.24 -0.46	10.08 -1.28 -0.67	10.37 -1.37 -0.59	10.26 -1.53 -0.59	10.35 -1.47 -0.60	13.32 -2.03 -0.52	17.12 -1.67 -0.45	10.84 -0.80 -0.72	14.79 -1.42 -0.46	11.20 -1.08 -0.58	16.56 -1.70 -0.35	16.69 -1.64 -0.34	18.70 -2.03 -0.21	17.34 -2.02 -0.28	16.27 -1.86 -0.39	22.14 -2.57 -0.20	29.83 -2.23 -0.26	38.92 -1.19 -0.37	41.04 -0.79 -0.08	36.77 -0.75 -0.15	34.61 -1.59 -0.07	28.42 -1.77 -0.20	29.58 -1.56 0.00	27.73 -1.10 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	19.74 -0.20 -3.21	15.28 -0.11 -4.70	15.22 -0.08 -4.14	15.26 -0.08 -4.13	15.34 -0.08 -4.20	18.33 -0.16 -3.66	21.01 -0.48 -3.15	15.59 -0.41 -5.09	18.33 -0.66 -3.24	15.30 -0.47 -4.06	19.74 -0.61 -2.43	19.73 -0.67 -2.41	21.30 -0.72 -1.51	20.40 -0.65 -1.96	19.86 -0.60 -2.71	24.97 -0.93 -1.38	32.20 -1.43 -1.84	40.14 -2.19 -2.59	40.08 -2.17 -0.50	36.30 -2.13 -1.07	34.85 -1.77 -0.49	30.05 -1.35 -1.41	30.36 -0.78 0.00	28.31 -0.52 0.00
EMPIRE_CC_1 323656	31.18 0.35 -14.10	31.54 0.23 -20.62	29.54 0.25 -18.14	29.56 0.25 -18.11	29.89 0.26 -18.41	31.19 0.33 -16.04	32.52 0.39 -13.79	33.41 0.19 -22.32	30.30 0.33 -14.22	29.77 0.25 -17.82	28.98 0.41 -10.65	28.97 0.41 -10.58	27.58 0.45 -6.62	28.14 0.44 -8.61	30.05 0.41 -11.89	31.22 0.64 -6.06	40.67 0.83 -8.05	52.12 1.03 -11.34	45.30 1.08 -2.46	42.97 0.93 -4.68	39.22 0.94 -2.16	36.95 0.78 -6.18	32.04 0.90 0.00	29.66 0.84 0.00

EMPIRE_CC_2 323658	31.18 0.35 -14.10	31.54 0.23 -20.62	29.54 0.25 -18.14	29.56 0.25 -18.11	29.89 0.26 -18.41	31.19 0.33 -16.04	32.52 0.39 -13.79	33.41 0.19 -22.32	30.30 0.33 -14.22	29.77 0.25 -17.82	28.98 0.41 -10.65	28.97 0.41 -10.58	27.58 0.45 -6.62	28.14 0.44 -8.61	30.05 0.41 -11.89	31.22 0.64 -6.06	40.67 0.83 -8.05	52.12 1.03 -11.34	45.30 1.08 -2.46	42.97 0.93 -4.68	39.22 0.94 -2.16	36.95 0.78 -6.18	32.04 0.90 0.00	29.66 0.84 0.00
ENORWICH_115KV_TB1 80156	22.98 1.29 -4.97	18.74 0.79 -7.26	18.36 0.81 -6.39	18.47 0.89 -6.38	18.60 0.90 -6.48	21.70 1.22 -5.65	24.59 1.39 -4.86	19.61 0.84 -7.86	21.89 1.13 -5.01	18.75 0.77 -6.28	22.78 1.11 -3.75	22.80 1.10 -3.73	24.05 1.21 -2.33	23.34 1.22 -3.03	23.06 1.12 -4.19	28.40 1.74 -2.13	37.08 2.45 -2.84	47.20 3.46 -4.00	46.04 3.42 -0.86	42.19 3.18 -1.65	39.93 3.03 -0.76	34.63 2.46 -2.18	33.82 2.68 0.00	31.28 2.45 0.00
ERIE_ST__34_KV_TB1-2 80199	19.73 -0.27 -3.27	15.32 -0.15 -4.78	15.23 -0.13 -4.20	15.27 -0.13 -4.20	15.35 -0.13 -4.27	18.34 -0.21 -3.72	21.02 -0.51 -3.20	15.66 -0.43 -5.17	18.37 -0.68 -3.30	15.35 -0.48 -4.13	19.74 -0.65 -2.47	19.75 -0.68 -2.45	21.29 -0.76 -1.53	20.39 -0.69 -2.00	19.87 -0.64 -2.76	24.97 -0.96 -1.40	32.23 -1.43 -1.87	40.31 -2.07 -2.63	40.22 -2.05 -0.51	36.43 -2.02 -1.08	34.90 -1.73 -0.50	30.07 -1.35 -1.43	30.89 -0.25 0.00	28.77 -0.06 0.00
ERIE_WT_PWR 323693	19.84 -0.13 -3.25	15.37 -0.07 -4.75	15.29 -0.04 -4.18	15.34 -0.04 -4.17	15.42 -0.04 -4.24	18.42 -0.10 -3.70	21.11 -0.40 -3.18	15.68 -0.37 -5.14	18.43 -0.60 -3.28	15.40 -0.41 -4.11	19.84 -0.54 -2.46	19.84 -0.58 -2.44	21.38 -0.66 -1.53	20.48 -0.59 -1.99	19.94 -0.55 -2.74	25.11 -0.81 -1.40	32.76 -0.89 -1.86	41.09 -1.27 -2.61	40.92 -1.34 -0.51	37.13 -1.31 -1.08	35.69 -0.94 -0.49	30.63 -0.78 -1.42	30.36 -0.78 0.00	28.34 -0.49 0.00
ESPRGFLD_115KV_TB1 80157	17.17 0.87 0.43	10.62 0.56 0.63	11.18 0.58 0.55	11.27 0.62 0.55	11.29 0.63 0.56	15.19 0.85 0.49	18.91 0.99 0.42	10.85 0.62 0.68	16.20 0.88 0.43	11.78 0.62 0.54	18.47 0.88 0.33	18.54 0.88 0.32	21.28 0.96 0.20	19.72 0.90 0.26	18.24 0.85 0.36	25.66 1.32 0.19	33.45 1.91 0.25	41.94 2.54 0.35	44.35 2.67 0.08	39.50 2.28 0.14	38.16 2.10 0.07	31.57 1.77 0.19	32.91 1.77 0.00	30.44 1.61 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	21.11 0.45 -3.93	16.69 0.26 -5.74	16.49 0.28 -5.06	16.54 0.29 -5.05	16.64 0.29 -5.13	19.70 0.40 -4.47	22.66 0.48 -3.84	17.40 0.27 -6.22	20.07 0.36 -3.96	16.91 0.25 -4.97	21.26 0.38 -2.97	21.30 0.38 -2.95	22.79 0.43 -1.84	21.90 0.42 -2.40	21.47 0.41 -3.31	26.77 0.56 -1.69	34.80 0.76 -2.24	43.90 0.99 -3.16	43.35 0.92 -0.68	39.56 0.90 -1.30	37.63 0.90 -0.60	32.43 0.72 -1.72	31.95 0.81 0.00	29.55 0.72 0.00
ETNA_____115KV_TB2 80207	21.11 0.45 -3.93	16.69 0.26 -5.74	16.49 0.28 -5.06	16.54 0.29 -5.05	16.64 0.29 -5.13	19.70 0.40 -4.47	22.66 0.48 -3.84	17.40 0.27 -6.22	20.07 0.36 -3.96	16.91 0.25 -4.97	21.26 0.38 -2.97	21.30 0.38 -2.95	22.79 0.43 -1.84	21.90 0.42 -2.40	21.47 0.41 -3.31	26.77 0.56 -1.69	34.80 0.76 -2.24	43.90 0.99 -3.16	43.35 0.92 -0.68	39.56 0.90 -1.30	37.63 0.90 -0.60	32.43 0.72 -1.72	31.95 0.81 0.00	29.55 0.72 0.00
EUCLID___115KV_TB2 356179	18.93 -0.08 -2.29	13.97 -0.06 -3.35	14.04 -0.07 -2.95	14.09 -0.06 -2.94	14.15 -0.06 -2.99	17.36 -0.07 -2.60	20.43 -0.15 -2.24	14.44 -0.10 -3.62	17.92 -0.14 -2.31	14.49 -0.11 -2.89	19.50 -0.14 -1.73	19.55 -0.14 -1.72	21.42 -0.16 -1.07	20.35 -0.13 -1.40	19.56 -0.12 -1.93	25.28 -0.22 -0.98	32.72 -0.38 -1.31	40.99 -0.60 -1.84	41.44 -0.71 -0.40	37.53 -0.60 -0.76	35.98 -0.51 -0.35	30.60 -0.39 -1.00	30.73 -0.40 0.00	28.45 -0.37 0.00
E_CANADA_CAP_HY 24051	36.13 0.95 -18.45	38.29 0.62 -26.98	35.53 0.64 -23.74	35.56 0.66 -23.70	35.98 0.67 -24.09	36.75 0.93 -20.98	37.51 1.12 -18.05	40.81 0.70 -29.20	35.35 0.99 -18.61	35.70 0.68 -23.32	32.82 0.97 -13.94	32.83 1.01 -13.84	30.20 1.03 -8.66	31.33 0.97 -11.27	34.25 0.94 -15.56	33.95 1.50 -7.93	44.62 2.29 -10.54	57.73 3.14 -14.84	48.27 3.30 -3.22	46.25 2.76 -6.12	41.48 2.53 -2.82	40.24 2.16 -8.09	33.19 2.05 0.00	30.62 1.79 0.00
E_CANADA_MHWK_HY 24050	17.20 0.10 -0.37	11.30 0.06 -0.54	11.70 0.07 -0.48	11.75 0.07 -0.48	11.79 0.08 -0.49	15.36 0.10 -0.42	18.85 0.15 -0.36	11.59 0.09 -0.59	16.22 0.10 -0.38	12.21 0.04 -0.47	18.20 0.00 -0.28	18.22 -0.04 -0.28	20.61 -0.08 -0.17	19.22 -0.09 -0.23	17.96 -0.11 -0.31	24.58 -0.10 -0.16	32.04 0.03 -0.21	40.28 0.24 -0.30	41.95 0.13 -0.06	37.86 0.37 -0.12	36.51 0.32 -0.06	30.48 0.33 -0.16	31.51 0.37 0.00	29.23 0.40 0.00
E_FISHKILL___LBMP 23776	29.80 0.77 -12.31	29.18 0.49 -18.00	27.51 0.51 -15.84	27.51 0.49 -15.81	27.76 0.47 -16.07	29.48 0.65 -14.00	31.17 0.79 -12.04	30.88 0.49 -19.48	28.92 0.76 -12.41	27.83 0.57 -15.56	28.06 0.84 -9.30	28.06 0.85 -9.23	27.29 1.01 -5.77	27.52 0.92 -7.52	28.96 0.83 -10.38	31.01 1.20 -5.29	40.38 1.56 -7.03	51.47 1.83 -9.90	45.90 2.00 -2.15	43.24 1.79 -4.08	39.75 1.73 -1.88	36.92 1.53 -5.40	32.63 1.49 0.00	30.18 1.35 0.00
FALCON___SEABRD_CC1 323796	15.11 -2.07 -0.46	10.21 -1.15 -0.67	10.50 -1.25 -0.59	10.37 -1.42 -0.59	10.46 -1.36 -0.60	13.48 -1.87 -0.52	17.32 -1.47 -0.45	10.97 -0.67 -0.73	14.97 -1.24 -0.46	11.34 -0.95 -0.58	16.76 -1.51 -0.35	16.89 -1.44 -0.34	18.90 -1.83 -0.22	17.53 -1.83 -0.28	16.45 -1.69 -0.39	22.36 -2.35 -0.20	30.18 -1.88 -0.26	39.44 -0.68 -0.37	41.59 -0.25 -0.08	37.26 -0.26 -0.15	35.04 -1.16 -0.07	28.75 -1.44 -0.20	29.92 -1.21 0.00	28.08 -0.75 0.00
FALCON___SEABRD_CC2 323797	15.11 -2.07 -0.46	10.21 -1.15 -0.67	10.50 -1.25 -0.59	10.37 -1.42 -0.59	10.46 -1.36 -0.60	13.48 -1.87 -0.52	17.32 -1.47 -0.45	10.97 -0.67 -0.73	14.97 -1.24 -0.46	11.34 -0.95 -0.58	16.76 -1.51 -0.35	16.89 -1.44 -0.34	18.90 -1.83 -0.22	17.53 -1.83 -0.28	16.45 -1.69 -0.39	22.36 -2.35 -0.20	30.18 -1.88 -0.26	39.44 -0.68 -0.37	41.59 -0.25 -0.08	37.26 -0.26 -0.15	35.04 -1.16 -0.07	28.75 -1.44 -0.20	29.92 -1.21 0.00	28.08 -0.75 0.00
FAR ROCKAWAY___4 23548	30.19 1.29 -12.17	29.25 0.76 -17.80	27.61 0.79 -15.66	27.59 0.75 -15.63	27.82 0.71 -15.89	29.65 0.98 -13.84	31.47 1.23 -11.91	30.95 0.77 -19.27	29.22 1.20 -12.28	27.96 0.87 -15.39	28.30 1.18 -9.20	28.30 1.19 -9.13	27.68 1.46 -5.71	27.95 1.43 -7.44	29.50 1.49 -10.26	32.11 2.35 -5.23	41.91 3.08 -7.04	52.44 2.90 -9.79	47.90 3.88 -2.26	45.08 3.55 -4.16	41.59 3.47 -1.99	38.37 2.97 -5.42	34.14 2.99 -0.02	31.02 2.19 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	29.88 0.99 -12.17	29.12 0.63 -17.80	27.48 0.66 -15.66	27.47 0.63 -15.63	27.70 0.58 -15.89	29.50 0.83 -13.84	31.23 0.99 -11.91	30.81 0.63 -19.26	29.00 0.98 -12.28	27.84 0.75 -15.39	28.19 1.08 -9.20	28.19 1.08 -9.13	27.54 1.31 -5.71	27.68 1.16 -7.44	29.08 1.06 -10.26	31.22 1.47 -5.23	40.65 1.91 -6.95	51.64 2.11 -9.79	46.17 2.30 -2.12	43.57 2.17 -4.04	40.09 2.10 -1.86	37.19 1.86 -5.34	32.94 1.81 0.00	30.53 1.70 0.00

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	29.90 1.00 -12.17	29.12 0.63 -17.80	27.48 0.66 -15.66	27.47 0.63 -15.63	27.70 0.58 -15.89	29.50 0.83 -13.84	31.23 0.99 -11.91	30.81 0.63 -19.26	29.00 0.98 -12.28	27.84 0.75 -15.39	28.19 1.08 -9.20	28.19 1.08 -9.13	27.54 1.31 -5.71	27.68 1.16 -7.44	29.08 1.06 -10.26	31.22 1.47 -5.23	40.65 1.91 -6.95	51.64 2.11 -9.79	46.22 2.34 -2.12	43.57 2.17 -4.04	40.09 2.10 -1.86	37.22 1.89 -5.34	32.94 1.81 0.00	30.53 1.70 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	29.88 0.99 -12.17	29.12 0.63 -17.80	27.48 0.66 -15.66	27.47 0.63 -15.63	27.68 0.57 -15.89	29.49 0.82 -13.84	31.23 0.99 -11.91	30.80 0.62 -19.26	29.00 0.98 -12.28	27.82 0.74 -15.39	28.17 1.06 -9.20	28.17 1.06 -9.13	27.52 1.29 -5.71	27.68 1.16 -7.44	29.06 1.05 -10.26	31.20 1.45 -5.23	40.62 1.88 -6.95	51.60 2.07 -9.79	46.17 2.30 -2.12	43.53 2.13 -4.04	40.05 2.06 -1.86	37.19 1.86 -5.34	32.94 1.81 0.00	30.50 1.67 0.00
FARRAGUT___LBMP 323566	29.87 0.97 -12.17	29.11 0.62 -17.80	27.46 0.65 -15.66	27.45 0.62 -15.63	27.68 0.57 -15.89	29.49 0.82 -13.84	31.22 0.97 -11.91	30.80 0.62 -19.26	28.99 0.96 -12.28	27.82 0.74 -15.39	28.17 1.06 -9.20	28.17 1.06 -9.13	27.50 1.27 -5.71	27.66 1.14 -7.44	29.06 1.05 -10.26	31.20 1.45 -5.23	40.62 1.88 -6.95	51.60 2.07 -9.79	46.13 2.25 -2.12	43.49 2.09 -4.04	40.01 2.02 -1.86	37.16 1.83 -5.34	32.91 1.77 0.00	30.47 1.64 0.00
FENNER___WINDPWR 24204	19.45 0.30 -2.42	14.41 0.18 -3.54	14.46 0.19 -3.11	14.52 0.20 -3.11	14.59 0.21 -3.16	17.88 0.30 -2.75	21.05 0.35 -2.37	14.96 0.22 -3.83	18.47 0.28 -2.44	14.95 0.19 -3.06	20.02 0.27 -1.83	20.08 0.29 -1.82	21.96 0.31 -1.14	20.87 0.30 -1.48	20.07 0.28 -2.04	25.98 0.42 -1.04	33.81 0.64 -1.38	42.57 0.87 -1.95	42.97 0.79 -0.42	38.95 0.79 -0.80	37.22 0.72 -0.37	31.62 0.57 -1.06	31.70 0.56 0.00	29.37 0.55 0.00
FIBERTEK___ENERGY 23856	19.30 0.10 -2.47	14.35 0.04 -3.62	14.38 0.04 -3.18	14.44 0.06 -3.18	14.51 0.06 -3.23	17.73 0.09 -2.81	20.83 0.07 -2.42	14.86 0.03 -3.92	18.27 0.03 -2.50	14.85 0.02 -3.13	19.84 0.05 -1.87	19.89 0.05 -1.86	21.76 0.08 -1.16	20.67 0.08 -1.51	19.92 0.09 -2.09	25.66 0.07 -1.06	33.24 0.03 -1.41	41.69 -0.04 -1.99	42.02 -0.17 -0.43	38.11 -0.07 -0.82	36.51 0.00 -0.38	31.07 0.00 -1.08	31.14 0.00 0.00	28.80 -0.03 0.00
FITZPATRICK____ 23598	18.18 -0.35 -1.81	13.11 -0.22 -2.64	13.25 -0.23 -2.33	13.29 -0.24 -2.32	13.35 -0.24 -2.36	16.58 -0.31 -2.06	19.70 -0.40 -1.77	13.52 -0.25 -2.86	17.19 -0.38 -1.82	13.72 -0.27 -2.29	18.87 -0.41 -1.37	18.92 -0.41 -1.36	20.89 -0.47 -0.85	19.77 -0.42 -1.10	18.88 -0.39 -1.52	24.69 -0.61 -0.78	31.93 -0.89 -1.03	40.01 -1.19 -1.45	40.78 -1.29 -0.32	36.81 -1.16 -0.60	35.32 -1.08 -0.28	29.91 -0.87 -0.79	30.20 -0.93 0.00	27.99 -0.84 0.00
FLOWRFLD_69_KV_BK1 356044	30.35 1.46 -12.17	29.32 0.83 -17.80	27.69 0.87 -15.66	27.67 0.83 -15.63	27.90 0.79 -15.89	29.76 1.08 -13.84	31.62 1.38 -11.91	31.06 0.88 -19.27	29.40 1.35 -12.30	28.07 0.98 -15.39	28.42 1.31 -9.20	28.41 1.29 -9.13	27.83 1.60 -5.71	28.17 1.60 -7.49	29.77 1.70 -10.31	41.83 2.70 -14.61	90.15 3.40 -54.96	221.33 3.26 -178.32	233.73 4.59 -187.38	151.42 3.77 -110.28	115.11 3.72 -75.26	83.75 3.30 -50.47	47.83 3.27 -13.43	31.33 2.45 -0.05
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	29.81 0.92 -12.16	29.04 0.57 -17.78	27.40 0.59 -15.65	27.41 0.58 -15.62	27.65 0.55 -15.88	29.43 0.77 -13.83	31.15 0.92 -11.90	30.72 0.56 -19.25	28.90 0.88 -12.27	27.74 0.67 -15.37	28.06 0.95 -9.19	28.04 0.93 -9.12	27.33 1.11 -5.71	27.49 0.97 -7.43	28.93 0.92 -10.25	31.10 1.35 -5.23	40.65 1.91 -6.95	51.75 2.23 -9.78	46.38 2.51 -2.12	43.60 2.20 -4.03	40.12 2.13 -1.86	37.12 1.80 -5.33	32.91 1.77 0.00	30.38 1.56 0.00
FORT ORANGE____ 23900	31.58 0.37 -14.48	32.11 0.23 -21.18	30.04 0.25 -18.64	30.06 0.25 -18.61	30.39 0.26 -18.91	31.65 0.34 -16.48	32.91 0.40 -14.17	34.08 0.24 -22.93	30.74 0.38 -14.61	30.28 0.27 -18.31	29.29 0.43 -10.94	29.28 0.43 -10.87	27.80 0.49 -6.80	28.39 0.46 -8.85	30.37 0.41 -12.21	31.41 0.66 -6.23	41.08 1.02 -8.28	52.75 1.35 -11.65	45.66 1.38 -2.53	43.36 1.20 -4.80	39.47 1.12 -2.21	37.24 0.90 -6.35	32.04 0.90 0.00	29.61 0.78 0.00
FORT_DRUM_COGEN 23780	18.10 -0.23 -1.60	12.89 -0.14 -2.34	13.03 -0.19 -2.06	13.10 -0.17 -2.06	13.18 -0.13 -2.09	16.49 -0.16 -1.82	19.74 -0.17 -1.57	13.39 -0.05 -2.54	17.18 -0.19 -1.62	13.53 -0.20 -2.03	18.75 -0.38 -1.21	18.79 -0.40 -1.20	20.75 -0.51 -0.75	19.64 -0.42 -0.98	18.71 -0.39 -1.35	24.84 -0.37 -0.69	32.55 -0.16 -0.92	41.47 0.44 -1.29	42.54 0.50 -0.28	38.31 0.41 -0.53	36.59 0.22 -0.25	30.69 0.00 -0.70	31.01 -0.12 0.00	28.68 -0.14 0.00
FOX_HILLS___ESR 323835	30.13 1.24 -12.17	29.26 0.77 -17.80	27.62 0.80 -15.66	27.60 0.76 -15.63	27.82 0.71 -15.89	29.59 0.92 -13.84	31.31 1.06 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.08 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.19 -9.79	46.30 2.42 -2.12	43.61 2.20 -4.04	40.20 2.20 -1.86	37.37 2.04 -5.34	33.19 2.06 0.00	30.82 1.99 0.00
FPL_FAR_ROCK_GT1 24212	30.19 1.29 -12.17	29.25 0.76 -17.80	27.62 0.80 -15.66	27.61 0.77 -15.63	27.88 0.76 -15.89	29.65 0.98 -13.84	31.47 1.23 -11.91	30.95 0.77 -19.27	29.21 1.18 -12.28	27.96 0.87 -15.39	28.30 1.18 -9.20	28.26 1.15 -9.13	27.68 1.46 -5.71	27.95 1.43 -7.44	29.50 1.49 -10.26	32.12 2.35 -5.24	41.91 3.08 -7.04	52.52 2.98 -9.79	47.98 3.97 -2.26	45.08 3.55 -4.16	41.63 3.50 -1.99	38.43 3.03 -5.42	34.17 3.02 -0.02	30.99 2.16 0.00
FPL_FAR_ROCK_GT2 23815	30.19 1.29 -12.17	29.25 0.76 -17.80	27.62 0.80 -15.66	27.61 0.77 -15.63	27.88 0.76 -15.89	29.65 0.98 -13.84	31.47 1.23 -11.91	30.95 0.77 -19.27	29.21 1.18 -12.28	27.96 0.87 -15.39	28.30 1.18 -9.20	28.26 1.15 -9.13	27.68 1.46 -5.71	27.95 1.43 -7.44	29.50 1.49 -10.26	32.12 2.35 -5.24	41.91 3.08 -7.04	52.52 2.98 -9.79	47.98 3.97 -2.26	45.08 3.55 -4.16	41.63 3.50 -1.99	38.43 3.03 -5.42	34.17 3.02 -0.02	30.99 2.16 0.00
FRANKLIN_FALL_HYD 24054	15.14 -2.09 -0.51	10.28 -1.15 -0.74	10.56 -1.25 -0.66	10.45 -1.41 -0.65	10.53 -1.36 -0.66	13.54 -1.87 -0.58	17.39 -1.45 -0.50	11.07 -0.64 -0.81	15.05 -1.21 -0.51	11.42 -0.92 -0.64	16.82 -1.49 -0.38	16.96 -1.40 -0.38	18.97 -1.78 -0.24	17.60 -1.79 -0.31	16.51 -1.67 -0.43	22.41 -2.33 -0.22	30.27 -1.81 -0.29	39.56 -0.60 -0.41	41.59 -0.25 -0.09	37.31 -0.22 -0.17	35.09 -1.12 -0.08	28.80 -1.41 -0.22	29.49 -1.65 0.00	27.62 -1.21 0.00
FREEPORT_EQUS_GT1 23764	30.12 1.22 -12.17	29.19 0.71 -17.80	27.57 0.75 -15.66	27.56 0.72 -15.63	27.82 0.71 -15.89	29.60 0.92 -13.84	31.40 1.16 -11.91	30.91 0.73 -19.27	29.15 1.12 -12.28	27.91 0.82 -15.39	28.23 1.11 -9.20	28.19 1.08 -9.13	27.60 1.37 -5.71	27.88 1.36 -7.44	29.43 1.42 -10.26	32.04 2.23 -5.28	41.94 2.89 -7.26	52.28 2.74 -9.79	48.16 3.80 -2.61	45.13 3.29 -4.48	41.67 3.21 -2.33	38.40 2.79 -5.62	34.02 2.80 -0.08	30.82 1.99 0.00

FREEPORT___CT2 23818	30.12 1.22 -12.17	29.19 0.71 -17.80	27.57 0.75 -15.66	27.56 0.72 -15.63	27.82 0.71 -15.89	29.60 0.92 -13.84	31.40 1.16 -11.91	30.91 0.73 -19.27	29.15 1.12 -12.28	27.91 0.82 -15.39	28.23 1.11 -9.20	28.19 1.08 -9.13	27.60 1.37 -5.71	27.88 1.36 -7.44	29.43 1.42 -10.26	32.04 2.23 -5.28	41.94 2.89 -7.26	52.28 2.74 -9.79	48.16 3.80 -2.61	45.13 3.29 -4.48	41.67 3.21 -2.33	38.40 2.79 -5.62	34.02 2.80 -0.08	30.82 1.99 0.00
FRESHKLS_33_KV_LOAD 356253	30.32 1.42 -12.17	29.37 0.89 -17.80	27.74 0.93 -15.66	27.72 0.89 -15.63	27.94 0.83 -15.89	29.71 1.04 -13.84	31.36 1.12 -11.91	30.80 0.62 -19.27	28.91 0.88 -12.28	27.78 0.69 -15.39	28.08 0.97 -9.20	28.10 0.99 -9.13	27.46 1.23 -5.71	27.65 1.13 -7.44	29.02 1.01 -10.26	31.15 1.40 -5.23	40.56 1.81 -6.95	51.44 1.91 -9.79	45.96 2.09 -2.12	43.38 1.98 -4.04	40.12 2.13 -1.86	37.43 2.10 -5.34	33.32 2.18 0.00	31.05 2.22 0.00
FULTON COGEN____ 23766	18.78 -0.12 -2.17	13.77 -0.10 -3.17	13.85 -0.10 -2.79	13.90 -0.09 -2.79	13.96 -0.09 -2.83	17.18 -0.12 -2.47	20.29 -0.17 -2.12	14.24 -0.11 -3.44	17.78 -0.16 -2.19	14.33 -0.12 -2.74	19.38 -0.18 -1.64	19.45 -0.16 -1.63	21.35 -0.18 -1.02	20.24 -0.17 -1.33	19.44 -0.14 -1.83	25.21 -0.25 -0.93	32.62 -0.41 -1.24	40.93 -0.56 -1.75	41.38 -0.75 -0.38	37.49 -0.60 -0.72	35.96 -0.51 -0.33	30.52 -0.42 -0.95	30.67 -0.47 0.00	28.37 -0.46 0.00
FULTON___LFGE 323630	35.56 1.44 -17.40	37.07 0.94 -25.44	34.51 0.97 -22.38	34.54 0.99 -22.35	34.96 1.02 -22.72	36.03 1.41 -19.79	37.10 1.74 -17.02	39.53 1.08 -27.54	34.91 1.61 -17.55	34.79 1.10 -21.99	32.62 1.56 -13.14	32.74 1.71 -13.05	30.54 1.87 -8.16	31.49 1.77 -10.63	34.16 1.74 -14.67	34.62 2.63 -7.48	45.64 3.91 -9.94	58.90 5.16 -13.99	49.46 4.68 -3.03	47.54 4.41 -5.77	42.80 4.01 -2.66	40.95 3.33 -7.63	34.28 3.14 0.00	31.60 2.77 0.00
G.F.CEMENT___DRP 24184	32.88 1.15 -15.00	33.37 0.75 -21.94	31.23 0.77 -19.30	31.22 0.75 -19.27	31.61 0.80 -19.59	32.98 1.08 -17.06	34.35 1.34 -14.68	35.42 0.76 -23.75	32.03 1.15 -15.13	31.50 0.83 -18.96	30.52 1.27 -11.33	30.46 1.22 -11.25	28.91 1.35 -7.04	29.49 1.24 -9.17	31.59 1.19 -12.65	32.66 1.69 -6.45	42.75 2.38 -8.57	54.91 3.10 -12.07	47.54 3.17 -2.62	44.99 2.65 -4.98	40.88 2.46 -2.29	38.55 1.98 -6.58	33.44 2.30 0.00	31.08 2.25 0.00
GARDENVILLE___LBMP 24039	19.79 -0.18 -3.25	15.35 -0.10 -4.75	15.26 -0.08 -4.18	15.31 -0.07 -4.18	15.40 -0.07 -4.25	18.38 -0.15 -3.70	21.06 -0.46 -3.18	15.65 -0.40 -5.15	18.38 -0.65 -3.28	15.37 -0.44 -4.11	19.78 -0.59 -2.46	19.77 -0.65 -2.44	21.32 -0.72 -1.53	20.44 -0.63 -1.99	19.90 -0.59 -2.74	25.04 -0.88 -1.40	32.28 -1.37 -1.86	40.29 -2.07 -2.62	40.22 -2.05 -0.51	36.42 -2.02 -1.08	34.97 -1.66 -0.50	30.13 -1.29 -1.43	30.51 -0.62 0.00	28.45 -0.37 0.00
GARDNVLA_35_KV_LD 355827	19.86 -0.12 -3.25	15.39 -0.05 -4.75	15.30 -0.03 -4.18	15.35 -0.03 -4.17	15.43 -0.03 -4.24	18.44 -0.09 -3.70	21.15 -0.37 -3.18	15.71 -0.35 -5.14	18.46 -0.57 -3.28	15.41 -0.40 -4.11	19.85 -0.52 -2.46	19.86 -0.56 -2.44	21.42 -0.62 -1.52	20.51 -0.55 -1.99	19.97 -0.51 -2.74	25.13 -0.78 -1.40	32.44 -1.21 -1.86	40.49 -1.87 -2.61	40.43 -1.84 -0.51	36.57 -1.87 -1.08	35.11 -1.52 -0.50	30.27 -1.14 -1.43	30.67 -0.47 0.00	28.63 -0.20 0.00
GELCKHM___115KV_LOAD 80723	19.07 -0.02 -2.37	14.12 -0.03 -3.46	14.17 -0.03 -3.04	14.22 -0.02 -3.04	14.29 -0.02 -3.09	17.49 -0.03 -2.69	20.58 -0.07 -2.31	14.60 -0.05 -3.74	18.06 -0.08 -2.39	14.63 -0.06 -2.99	19.63 -0.07 -1.79	19.68 -0.07 -1.77	21.54 -0.08 -1.11	20.47 -0.06 -1.45	19.69 -0.05 -1.99	25.42 -0.12 -1.02	32.92 -0.22 -1.35	41.25 -0.40 -1.90	41.67 -0.50 -0.41	37.74 -0.41 -0.78	36.17 -0.33 -0.36	30.76 -0.27 -1.04	30.86 -0.28 0.00	28.57 -0.26 0.00
GENERAL___MILLS 23808	19.83 -0.15 -3.25	15.37 -0.07 -4.75	15.28 -0.06 -4.18	15.32 -0.06 -4.17	15.41 -0.06 -4.24	18.41 -0.12 -3.70	21.09 -0.42 -3.18	15.68 -0.37 -5.14	18.43 -0.60 -3.28	15.39 -0.42 -4.11	19.82 -0.56 -2.46	19.82 -0.59 -2.44	21.38 -0.66 -1.53	20.48 -0.59 -1.99	19.94 -0.55 -2.74	25.08 -0.83 -1.40	32.34 -1.30 -1.86	40.37 -1.99 -2.61	40.30 -1.96 -0.51	36.50 -1.94 -1.08	35.04 -1.59 -0.50	30.21 -1.20 -1.43	30.61 -0.53 0.00	28.57 -0.26 0.00
GE_PLASTICS___DRP 24183	31.55 0.32 -14.51	32.11 0.20 -21.22	30.04 0.21 -18.67	30.06 0.21 -18.64	30.39 0.22 -18.95	31.63 0.30 -16.50	32.88 0.35 -14.20	34.09 0.21 -22.97	30.72 0.33 -14.64	30.28 0.23 -18.34	29.26 0.38 -10.96	29.24 0.38 -10.89	27.77 0.45 -6.81	28.37 0.42 -8.87	30.36 0.37 -12.24	31.32 0.56 -6.24	40.88 0.79 -8.29	52.41 0.99 -11.67	45.33 1.04 -2.53	43.11 0.93 -4.81	39.25 0.90 -2.22	37.10 0.75 -6.36	31.88 0.75 0.00	29.52 0.69 0.00
GILBOA___1 23756	29.22 0.42 -12.07	28.60 0.26 -17.66	26.96 0.27 -15.54	27.03 0.31 -15.51	27.26 0.27 -15.77	28.92 0.36 -13.73	30.57 0.42 -11.81	30.27 0.25 -19.11	28.32 0.39 -12.18	27.26 0.29 -15.26	27.49 0.45 -9.12	27.47 0.43 -9.06	26.69 0.51 -5.67	26.94 0.48 -7.38	28.37 0.44 -10.18	30.35 0.64 -5.19	39.55 0.86 -6.90	50.41 0.95 -9.71	44.90 1.04 -2.11	42.34 0.97 -4.00	38.95 0.98 -1.85	36.09 0.81 -5.30	31.98 0.84 0.00	29.55 0.72 0.00
GILBOA___2 23757	29.22 0.42 -12.07	28.60 0.26 -17.66	26.96 0.27 -15.54	27.03 0.31 -15.51	27.26 0.27 -15.77	28.92 0.36 -13.73	30.57 0.42 -11.81	30.27 0.25 -19.11	28.32 0.39 -12.18	27.26 0.29 -15.26	27.49 0.45 -9.12	27.47 0.43 -9.06	26.69 0.51 -5.67	26.94 0.48 -7.38	28.37 0.44 -10.18	30.35 0.64 -5.19	39.55 0.86 -6.90	50.41 0.95 -9.71	44.90 1.04 -2.11	42.34 0.97 -4.00	38.95 0.98 -1.85	36.09 0.81 -5.30	31.98 0.84 0.00	29.55 0.72 0.00
GILBOA___3 23758	29.22 0.42 -12.07	28.60 0.26 -17.66	26.96 0.27 -15.54	27.03 0.31 -15.51	27.26 0.27 -15.77	28.92 0.36 -13.73	30.57 0.42 -11.81	30.27 0.25 -19.11	28.32 0.39 -12.18	27.26 0.29 -15.26	27.49 0.45 -9.12	27.47 0.43 -9.06	26.69 0.51 -5.67	26.94 0.48 -7.38	28.37 0.44 -10.18	30.35 0.64 -5.19	39.55 0.86 -6.90	50.41 0.95 -9.71	44.90 1.04 -2.11	42.34 0.97 -4.00	38.95 0.98 -1.85	36.09 0.81 -5.30	31.98 0.84 0.00	29.55 0.72 0.00
GILBOA___4 23759	29.22 0.42 -12.07	28.60 0.26 -17.66	26.96 0.27 -15.54	27.03 0.31 -15.51	27.26 0.27 -15.77	28.92 0.36 -13.73	30.57 0.42 -11.81	30.27 0.25 -19.11	28.32 0.39 -12.18	27.26 0.29 -15.26	27.49 0.45 -9.12	27.47 0.43 -9.06	26.69 0.51 -5.67	26.94 0.48 -7.38	28.37 0.44 -10.18	30.35 0.64 -5.19	39.55 0.86 -6.90	50.41 0.95 -9.71	44.90 1.04 -2.11	42.34 0.97 -4.00	38.95 0.98 -1.85	36.09 0.81 -5.30	31.98 0.84 0.00	29.55 0.72 0.00
GILBOA____ 23599	29.22 0.42 -12.07	28.60 0.26 -17.66	26.96 0.27 -15.54	27.03 0.31 -15.51	27.29 0.30 -15.77	28.92 0.36 -13.73	30.57 0.42 -11.81	30.27 0.25 -19.11	28.32 0.39 -12.18	27.26 0.29 -15.26	27.49 0.45 -9.12	27.49 0.45 -9.06	26.69 0.51 -5.67	26.94 0.48 -7.38	28.37 0.44 -10.18	30.35 0.64 -5.19	39.52 0.83 -6.90	50.41 0.95 -9.71	44.86 1.00 -2.11	42.30 0.93 -4.00	38.92 0.94 -1.85	36.09 0.81 -5.30	31.98 0.84 0.00	29.58 0.75 0.00

GINNA____ 23603	18.74 -0.72 -2.73	14.21 -0.47 -3.99	14.19 -0.48 -3.51	14.23 -0.48 -3.51	14.30 -0.48 -3.56	17.28 -0.65 -3.10	20.09 -0.92 -2.67	14.63 -0.60 -4.32	17.62 -0.88 -2.75	14.52 -0.63 -3.45	19.08 -0.90 -2.06	19.13 -0.90 -2.05	20.77 -1.03 -1.28	19.82 -0.93 -1.67	19.15 -0.90 -2.30	24.44 -1.25 -1.17	31.83 -1.53 -1.56	39.87 -2.07 -2.20	40.11 -2.13 -0.48	36.32 -1.94 -0.91	34.81 -1.73 -0.42	29.69 -1.50 -1.20	29.49 -1.65 0.00	27.42 -1.41 0.00
GLEN PARK____ 23778	18.18 -0.17 -1.62	12.95 -0.11 -2.37	13.08 -0.16 -2.08	13.16 -0.12 -2.08	13.23 -0.10 -2.11	16.57 -0.10 -1.84	19.81 -0.11 -1.58	13.45 -0.02 -2.56	17.22 -0.16 -1.63	13.58 -0.16 -2.04	18.80 -0.34 -1.22	18.83 -0.36 -1.21	20.78 -0.49 -0.76	19.69 -0.38 -0.99	18.76 -0.35 -1.36	24.92 -0.29 -0.70	32.65 -0.06 -0.92	41.64 0.60 -1.30	42.70 0.67 -0.28	38.46 0.56 -0.54	36.74 0.36 -0.25	30.79 0.09 -0.71	31.14 0.00 0.00	28.80 -0.03 0.00
GLENDALE_27_KV_LOAD 356172	30.02 1.12 -12.17	29.18 0.69 -17.80	27.55 0.74 -15.66	27.53 0.69 -15.63	27.76 0.65 -15.89	29.55 0.88 -13.84	31.27 1.03 -11.91	30.82 0.64 -19.27	29.03 1.01 -12.28	27.87 0.78 -15.39	28.22 1.11 -9.20	28.24 1.13 -9.13	27.60 1.37 -5.71	27.76 1.24 -7.44	29.13 1.12 -10.26	31.30 1.54 -5.23	40.75 2.00 -6.95	51.80 2.27 -9.79	46.34 2.46 -2.12	43.68 2.28 -4.04	40.20 2.20 -1.86	37.31 1.98 -5.34	33.07 1.93 0.00	30.67 1.84 0.00
GLENWOOD_IC_1_G5 23712	29.97 1.07 -12.17	29.13 0.64 -17.80	27.50 0.68 -15.66	27.49 0.65 -15.63	27.72 0.61 -15.89	29.52 0.85 -13.84	31.29 1.05 -11.91	30.84 0.67 -19.27	29.05 1.02 -12.28	27.85 0.76 -15.39	28.17 1.06 -9.20	28.17 1.06 -9.13	27.52 1.29 -5.71	27.74 1.22 -7.44	29.24 1.22 -10.26	31.66 1.86 -5.27	41.45 2.42 -7.25	51.96 2.42 -9.79	47.39 3.05 -2.59	44.59 2.76 -4.46	41.12 2.67 -2.31	37.94 2.34 -5.61	33.52 2.30 -0.08	30.64 1.82 0.00
GLENWOOD_IC_2_G1 23688	29.90 1.00 -12.17	29.10 0.61 -17.80	27.45 0.64 -15.66	27.46 0.62 -15.63	27.73 0.62 -15.89	29.48 0.80 -13.84	31.23 0.99 -11.91	30.80 0.62 -19.27	28.99 0.96 -12.28	27.80 0.71 -15.39	28.12 1.00 -9.20	28.10 0.99 -9.13	27.46 1.23 -5.71	27.66 1.14 -7.44	29.13 1.12 -10.26	31.43 1.67 -5.24	40.99 2.16 -7.04	51.80 2.26 -9.79	46.81 2.80 -2.26	44.03 2.50 -4.16	40.54 2.42 -1.99	37.53 2.13 -5.42	33.27 2.12 -0.02	30.50 1.67 0.00
GLENWOOD_IC_3_G1 23689	29.90 1.00 -12.17	29.10 0.61 -17.80	27.45 0.64 -15.66	27.46 0.62 -15.63	27.73 0.62 -15.89	29.48 0.80 -13.84	31.23 0.99 -11.91	30.80 0.62 -19.27	28.99 0.96 -12.28	27.80 0.71 -15.39	28.12 1.00 -9.20	28.10 0.99 -9.13	27.46 1.23 -5.71	27.66 1.14 -7.44	29.13 1.12 -10.26	31.43 1.67 -5.24	40.99 2.16 -7.04	51.80 2.26 -9.79	46.81 2.80 -2.26	44.03 2.50 -4.16	40.54 2.42 -1.99	37.53 2.13 -5.42	33.27 2.12 -0.02	30.50 1.67 0.00
GLENWOOD____4 23550	29.97 1.07 -12.17	29.13 0.64 -17.80	27.50 0.68 -15.66	27.49 0.65 -15.63	27.72 0.61 -15.89	29.52 0.85 -13.84	31.29 1.05 -11.91	30.84 0.67 -19.27	29.05 1.02 -12.28	27.85 0.76 -15.39	28.17 1.06 -9.20	28.17 1.06 -9.13	27.52 1.29 -5.71	27.74 1.22 -7.44	29.24 1.22 -10.26	31.66 1.86 -5.27	41.45 2.42 -7.25	51.96 2.42 -9.79	47.39 3.05 -2.59	44.59 2.76 -4.46	41.12 2.67 -2.31	37.94 2.34 -5.61	33.52 2.30 -0.08	30.64 1.82 0.00
GLENWOOD____5 23614	29.97 1.07 -12.17	29.13 0.64 -17.80	27.50 0.68 -15.66	27.49 0.65 -15.63	27.72 0.61 -15.89	29.52 0.85 -13.84	31.29 1.05 -11.91	30.84 0.67 -19.27	29.05 1.02 -12.28	27.85 0.76 -15.39	28.17 1.06 -9.20	28.17 1.06 -9.13	27.52 1.29 -5.71	27.74 1.22 -7.44	29.24 1.22 -10.26	31.66 1.86 -5.27	41.45 2.42 -7.25	51.96 2.42 -9.79	47.39 3.05 -2.59	44.59 2.76 -4.46	41.12 2.67 -2.31	37.94 2.34 -5.61	33.52 2.30 -0.08	30.64 1.82 0.00
GLOBAL GREEN_PORT_GT1 23814	30.92 2.02 -12.17	29.68 1.19 -17.80	28.10 1.28 -15.66	28.11 1.27 -15.63	28.35 1.23 -15.89	30.26 1.59 -13.84	32.26 2.02 -11.91	31.44 1.27 -19.27	29.95 1.90 -12.30	28.47 1.38 -15.39	29.00 1.88 -9.20	28.95 1.83 -9.13	28.50 2.28 -5.71	28.81 2.25 -7.48	30.40 2.34 -10.31	41.12 3.53 -13.07	83.49 4.67 -47.02	195.55 4.89 -150.92	205.31 6.51 -157.05	135.37 5.19 -92.81	104.38 5.13 -63.12	77.34 4.35 -43.00	46.67 4.33 -11.20	32.27 3.40 -0.04
GLOBE____DSASP 323697	19.30 -0.54 -3.11	14.94 -0.30 -4.55	14.90 -0.27 -4.01	14.91 -0.29 -4.00	14.99 -0.29 -4.07	17.90 -0.47 -3.54	20.39 -0.99 -3.05	15.10 -0.74 -4.93	17.77 -1.12 -3.14	14.84 -0.80 -3.94	19.21 -1.06 -2.35	19.22 -1.10 -2.34	20.74 -1.23 -1.46	19.86 -1.13 -1.90	19.31 -1.06 -2.63	24.29 -1.57 -1.34	31.25 -2.32 -1.78	38.83 -3.42 -2.50	38.76 -3.47 -0.47	35.07 -3.33 -1.03	33.72 -2.89 -0.48	29.08 -2.28 -1.37	29.14 -1.99 0.00	27.27 -1.56 0.00
GOETHSLN____LBMP 323567	29.78 0.89 -12.17	29.06 0.58 -17.80	27.42 0.60 -15.66	27.41 0.57 -15.63	27.64 0.53 -15.89	29.42 0.74 -13.84	31.14 0.90 -11.91	30.75 0.58 -19.26	28.95 0.93 -12.28	27.79 0.70 -15.39	28.10 0.99 -9.20	28.12 1.01 -9.13	27.43 1.21 -5.71	27.61 1.09 -7.44	28.99 0.98 -10.26	31.10 1.35 -5.23	40.46 1.72 -6.95	51.32 1.79 -9.79	45.84 1.96 -2.12	43.27 1.87 -4.04	39.87 1.88 -1.86	37.01 1.68 -5.34	32.76 1.62 0.00	30.36 1.53 0.00
GOLAH____69_KV_TB 1_2 80279	19.69 0.18 -2.78	14.87 0.12 -4.06	14.88 0.15 -3.57	14.92 0.15 -3.57	14.98 0.13 -3.63	18.14 0.15 -3.16	21.07 0.02 -2.72	15.24 -0.07 -4.40	18.41 -0.14 -2.80	15.13 -0.08 -3.51	19.98 -0.04 -2.10	19.99 -0.07 -2.08	21.73 -0.08 -1.30	20.68 -0.10 -1.70	19.95 -0.14 -2.34	25.49 -0.22 -1.19	33.09 -0.29 -1.59	41.26 -0.72 -2.23	41.57 -0.67 -0.49	37.61 -0.67 -0.92	35.87 -0.69 -0.42	30.61 -0.60 -1.22	30.64 -0.50 0.00	28.57 -0.26 0.00
GOODYEAR_LAKE_HYD 323669	21.83 0.75 -4.36	17.53 0.47 -6.37	17.24 0.48 -5.60	17.33 0.53 -5.59	17.44 0.53 -5.69	20.48 0.70 -4.95	23.40 0.81 -4.26	18.30 0.49 -6.89	20.87 0.72 -4.39	17.72 0.51 -5.51	21.96 0.75 -3.29	22.00 0.76 -3.27	23.40 0.84 -2.04	22.55 0.80 -2.66	22.15 0.73 -3.67	27.50 1.10 -1.87	35.77 1.49 -2.49	45.16 1.91 -3.50	44.47 1.96 -0.76	40.56 1.76 -1.44	38.46 1.66 -0.67	33.28 1.38 -1.91	32.57 1.43 0.00	30.15 1.33 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	22.22 0.27 -5.22	18.49 0.16 -7.64	18.05 0.17 -6.72	18.11 0.19 -6.71	18.22 0.18 -6.82	21.01 0.24 -5.94	23.68 0.24 -5.11	19.31 0.13 -8.27	21.17 0.16 -5.27	18.42 0.12 -6.60	22.04 0.18 -3.95	22.08 0.18 -3.92	23.19 0.23 -2.45	22.48 0.21 -3.19	22.35 0.20 -4.40	27.01 0.25 -2.24	35.06 0.29 -2.98	44.22 0.28 -4.20	42.91 0.25 -0.90	39.36 0.26 -1.73	37.22 0.29 -0.80	32.55 0.27 -2.29	31.60 0.47 0.00	29.26 0.43 0.00
GOUDEY____7 23579	22.23 0.28 -5.22	18.50 0.17 -7.64	18.06 0.18 -6.72	18.11 0.19 -6.71	18.23 0.19 -6.82	21.02 0.25 -5.94	23.70 0.26 -5.11	19.32 0.14 -8.27	21.19 0.17 -5.27	18.43 0.13 -6.60	22.06 0.20 -3.95	22.10 0.20 -3.92	23.21 0.25 -2.45	22.50 0.23 -3.19	22.37 0.21 -4.40	27.04 0.27 -2.24	35.09 0.32 -2.98	44.26 0.32 -4.20	42.95 0.29 -0.90	39.40 0.30 -1.73	37.25 0.33 -0.80	32.58 0.30 -2.29	31.64 0.50 0.00	29.29 0.46 0.00

GOUDEY___8 23580	22.22 0.27 -5.22	18.49 0.16 -7.64	18.05 0.17 -6.72	18.11 0.19 -6.71	18.22 0.18 -6.82	21.01 0.24 -5.94	23.68 0.24 -5.11	19.31 0.13 -8.27	21.17 0.16 -5.27	18.42 0.12 -6.60	22.04 0.18 -3.95	22.08 0.18 -3.92	23.19 0.23 -2.45	22.48 0.21 -3.19	22.35 0.20 -4.40	27.01 0.25 -2.24	35.06 0.29 -2.98	44.22 0.28 -4.20	42.91 0.25 -0.90	39.36 0.26 -1.73	37.22 0.29 -0.80	32.55 0.27 -2.29	31.60 0.47 0.00	29.26 0.43 0.00
GOWANUS_GT1_1 24077	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.57 0.73 -15.63	27.79 0.67 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.08 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.19 -9.79	46.30 2.42 -2.12	43.61 2.20 -4.04	40.16 2.17 -1.86	37.34 2.01 -5.34	33.13 1.99 0.00	30.73 1.90 0.00
GOWANUS_GT1_2 24078	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.57 0.73 -15.63	27.79 0.67 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.08 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.19 -9.79	46.30 2.42 -2.12	43.61 2.20 -4.04	40.16 2.17 -1.86	37.34 2.01 -5.34	33.13 1.99 0.00	30.73 1.90 0.00
GOWANUS_GT1_3 24079	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.57 0.73 -15.63	27.79 0.67 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.08 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.19 -9.79	46.30 2.42 -2.12	43.61 2.20 -4.04	40.16 2.17 -1.86	37.34 2.01 -5.34	33.13 1.99 0.00	30.73 1.90 0.00
GOWANUS_GT1_4 24080	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.57 0.73 -15.63	27.79 0.67 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.08 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.19 -9.79	46.30 2.42 -2.12	43.61 2.20 -4.04	40.16 2.17 -1.86	37.34 2.01 -5.34	33.13 1.99 0.00	30.73 1.90 0.00
GOWANUS_GT1_5 24084	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.57 0.73 -15.63	27.79 0.67 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.08 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.19 -9.79	46.30 2.42 -2.12	43.61 2.20 -4.04	40.16 2.17 -1.86	37.34 2.01 -5.34	33.13 1.99 0.00	30.73 1.90 0.00
GOWANUS_GT1_6 24111	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.57 0.73 -15.63	27.79 0.67 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.08 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.19 -9.79	46.30 2.42 -2.12	43.61 2.20 -4.04	40.16 2.17 -1.86	37.34 2.01 -5.34	33.13 1.99 0.00	30.73 1.90 0.00
GOWANUS_GT1_7 24112	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.57 0.73 -15.63	27.79 0.67 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.08 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.19 -9.79	46.30 2.42 -2.12	43.61 2.20 -4.04	40.16 2.17 -1.86	37.34 2.01 -5.34	33.13 1.99 0.00	30.73 1.90 0.00
GOWANUS_GT1_8 24113	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.57 0.73 -15.63	27.79 0.67 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.08 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.19 -9.79	46.30 2.42 -2.12	43.61 2.20 -4.04	40.16 2.17 -1.86	37.34 2.01 -5.34	33.13 1.99 0.00	30.73 1.90 0.00
GOWANUS_GT2_1 24114	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.56 0.72 -15.63	27.84 0.73 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.07 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.18 -9.79	46.30 2.42 -2.12	43.64 2.24 -4.04	40.16 2.17 -1.86	37.37 2.04 -5.34	33.16 2.02 0.00	30.73 1.90 0.00
GOWANUS_GT2_2 24115	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.56 0.72 -15.63	27.84 0.73 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.07 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.18 -9.79	46.30 2.42 -2.12	43.64 2.24 -4.04	40.16 2.17 -1.86	37.37 2.04 -5.34	33.16 2.02 0.00	30.73 1.90 0.00
GOWANUS_GT2_3 24116	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.56 0.72 -15.63	27.84 0.73 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.07 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.18 -9.79	46.30 2.42 -2.12	43.64 2.24 -4.04	40.16 2.17 -1.86	37.37 2.04 -5.34	33.16 2.02 0.00	30.73 1.90 0.00
GOWANUS_GT2_4 24117	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.56 0.72 -15.63	27.84 0.73 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.07 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.18 -9.79	46.30 2.42 -2.12	43.64 2.24 -4.04	40.16 2.17 -1.86	37.37 2.04 -5.34	33.16 2.02 0.00	30.73 1.90 0.00
GOWANUS_GT2_5 24118	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.56 0.72 -15.63	27.84 0.73 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.07 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.18 -9.79	46.30 2.42 -2.12	43.64 2.24 -4.04	40.16 2.17 -1.86	37.37 2.04 -5.34	33.16 2.02 0.00	30.73 1.90 0.00
GOWANUS_GT2_6 24119	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.56 0.72 -15.63	27.84 0.73 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.07 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.18 -9.79	46.30 2.42 -2.12	43.64 2.24 -4.04	40.16 2.17 -1.86	37.37 2.04 -5.34	33.16 2.02 0.00	30.73 1.90 0.00

GOWANUS_GT2_7 24120	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.56 0.72 -15.63	27.84 0.73 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.07 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.18 -9.79	46.30 2.42 -2.12	43.64 2.24 -4.04	40.16 2.17 -1.86	37.37 2.04 -5.34	33.16 2.02 0.00	30.73 1.90 0.00
GOWANUS_GT2_8 24121	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.56 0.72 -15.63	27.84 0.73 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.07 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.18 -9.79	46.30 2.42 -2.12	43.64 2.24 -4.04	40.16 2.17 -1.86	37.37 2.04 -5.34	33.16 2.02 0.00	30.73 1.90 0.00
GOWANUS_GT3_1 24122	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.56 0.72 -15.63	27.84 0.73 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.07 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.18 -9.79	46.30 2.42 -2.12	43.64 2.24 -4.04	40.16 2.17 -1.86	37.37 2.04 -5.34	33.16 2.02 0.00	30.73 1.90 0.00
GOWANUS_GT3_2 24123	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.56 0.72 -15.63	27.84 0.73 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.07 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.18 -9.79	46.30 2.42 -2.12	43.64 2.24 -4.04	40.16 2.17 -1.86	37.37 2.04 -5.34	33.16 2.02 0.00	30.73 1.90 0.00
GOWANUS_GT3_3 24124	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.56 0.72 -15.63	27.84 0.73 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.07 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.18 -9.79	46.30 2.42 -2.12	43.64 2.24 -4.04	40.16 2.17 -1.86	37.37 2.04 -5.34	33.16 2.02 0.00	30.73 1.90 0.00
GOWANUS_GT3_4 24125	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.56 0.72 -15.63	27.84 0.73 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.07 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.18 -9.79	46.30 2.42 -2.12	43.64 2.24 -4.04	40.16 2.17 -1.86	37.37 2.04 -5.34	33.16 2.02 0.00	30.73 1.90 0.00
GOWANUS_GT3_5 24126	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.56 0.72 -15.63	27.84 0.73 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.07 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.18 -9.79	46.30 2.42 -2.12	43.64 2.24 -4.04	40.16 2.17 -1.86	37.37 2.04 -5.34	33.16 2.02 0.00	30.73 1.90 0.00
GOWANUS_GT3_6 24127	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.56 0.72 -15.63	27.84 0.73 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.07 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.18 -9.79	46.30 2.42 -2.12	43.64 2.24 -4.04	40.16 2.17 -1.86	37.37 2.04 -5.34	33.16 2.02 0.00	30.73 1.90 0.00
GOWANUS_GT3_7 24128	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.56 0.72 -15.63	27.84 0.73 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.07 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.18 -9.79	46.30 2.42 -2.12	43.64 2.24 -4.04	40.16 2.17 -1.86	37.37 2.04 -5.34	33.16 2.02 0.00	30.73 1.90 0.00
GOWANUS_GT3_8 24129	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.56 0.72 -15.63	27.84 0.73 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.07 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.18 -9.79	46.30 2.42 -2.12	43.64 2.24 -4.04	40.16 2.17 -1.86	37.37 2.04 -5.34	33.16 2.02 0.00	30.73 1.90 0.00
GOWANUS_GT4_1 24130	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.57 0.73 -15.63	27.79 0.67 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.08 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.19 -9.79	46.30 2.42 -2.12	43.61 2.20 -4.04	40.16 2.17 -1.86	37.34 2.01 -5.34	33.13 1.99 0.00	30.73 1.90 0.00
GOWANUS_GT4_2 24131	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.57 0.73 -15.63	27.79 0.67 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.08 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.19 -9.79	46.30 2.42 -2.12	43.61 2.20 -4.04	40.16 2.17 -1.86	37.34 2.01 -5.34	33.13 1.99 0.00	30.73 1.90 0.00
GOWANUS_GT4_3 24132	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.57 0.73 -15.63	27.79 0.67 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.08 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.19 -9.79	46.30 2.42 -2.12	43.61 2.20 -4.04	40.16 2.17 -1.86	37.34 2.01 -5.34	33.13 1.99 0.00	30.73 1.90 0.00
GOWANUS_GT4_4 24133	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.57 0.73 -15.63	27.79 0.67 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.08 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.19 -9.79	46.30 2.42 -2.12	43.61 2.20 -4.04	40.16 2.17 -1.86	37.34 2.01 -5.34	33.13 1.99 0.00	30.73 1.90 0.00
GOWANUS_GT4_5 24134	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.57 0.73 -15.63	27.79 0.67 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.08 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.19 -9.79	46.30 2.42 -2.12	43.61 2.20 -4.04	40.16 2.17 -1.86	37.34 2.01 -5.34	33.13 1.99 0.00	30.73 1.90 0.00

GOWANUS_GT4_6 24135	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.57 0.73 -15.63	27.79 0.67 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.08 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.19 -9.79	46.30 2.42 -2.12	43.61 2.20 -4.04	40.16 2.17 -1.86	37.34 2.01 -5.34	33.13 1.99 0.00	30.73 1.90 0.00
GOWANUS_GT4_7 24136	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.57 0.73 -15.63	27.79 0.67 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.08 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.19 -9.79	46.30 2.42 -2.12	43.61 2.20 -4.04	40.16 2.17 -1.86	37.34 2.01 -5.34	33.13 1.99 0.00	30.73 1.90 0.00
GOWANUS_GT4_8 24137	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.57 0.73 -15.63	27.79 0.67 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.08 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.19 -9.79	46.30 2.42 -2.12	43.61 2.20 -4.04	40.16 2.17 -1.86	37.34 2.01 -5.34	33.13 1.99 0.00	30.73 1.90 0.00
GREENBSH_115KV_TB3 55895	31.52 0.23 -14.56	32.14 0.16 -21.29	30.06 0.17 -18.74	30.07 0.16 -18.70	30.40 0.17 -19.01	31.62 0.22 -16.56	32.84 0.26 -14.25	34.11 0.15 -23.05	30.71 0.27 -14.69	30.30 0.19 -18.41	29.24 0.32 -11.00	29.23 0.32 -10.92	27.74 0.39 -6.83	28.34 0.36 -8.90	30.33 0.30 -12.28	31.27 0.49 -6.26	40.81 0.70 -8.32	52.37 0.91 -11.71	45.21 0.92 -2.54	42.98 0.78 -4.83	39.15 0.79 -2.23	37.00 0.63 -6.39	31.79 0.65 0.00	29.40 0.58 0.00
GREENDGE_115KV_TB5 80291	20.63 0.30 -3.60	16.12 0.17 -5.26	15.98 0.19 -4.63	16.02 0.19 -4.62	16.12 0.20 -4.70	19.21 0.28 -4.09	22.15 0.29 -3.52	16.75 0.14 -5.70	19.52 0.14 -3.63	16.34 0.09 -4.55	20.78 0.14 -2.72	20.80 0.13 -2.70	22.35 0.14 -1.69	21.43 0.15 -2.20	20.94 0.16 -3.03	26.29 0.22 -1.55	34.16 0.32 -2.06	42.64 0.00 -2.89	42.29 -0.08 -0.62	38.93 0.37 -1.19	37.15 0.47 -0.55	31.90 0.33 -1.58	31.67 0.53 0.00	29.32 0.49 0.00
GREENIDGE___3 23582	20.63 0.30 -3.60	16.12 0.17 -5.26	15.98 0.19 -4.63	16.02 0.19 -4.62	16.12 0.20 -4.70	19.21 0.28 -4.09	22.15 0.29 -3.52	16.75 0.14 -5.70	19.52 0.14 -3.63	16.34 0.09 -4.55	20.78 0.14 -2.72	20.80 0.13 -2.70	22.35 0.14 -1.69	21.43 0.15 -2.20	20.94 0.16 -3.03	26.29 0.22 -1.55	34.16 0.32 -2.06	42.64 0.00 -2.89	42.29 -0.08 -0.62	38.93 0.37 -1.19	37.15 0.47 -0.55	31.90 0.33 -1.58	31.67 0.53 0.00	29.32 0.49 0.00
GREENIDGE___4 23583	20.63 0.30 -3.60	16.12 0.17 -5.26	15.98 0.19 -4.63	16.02 0.19 -4.62	16.12 0.20 -4.70	19.21 0.28 -4.09	22.15 0.29 -3.52	16.75 0.14 -5.70	19.52 0.14 -3.63	16.34 0.09 -4.55	20.78 0.14 -2.72	20.81 0.13 -2.70	22.35 0.14 -1.69	21.43 0.15 -2.20	20.94 0.16 -3.03	26.29 0.22 -1.55	34.32 0.48 -2.06	42.92 0.28 -2.89	43.00 0.63 -0.62	39.19 0.63 -1.19	37.40 0.72 -0.55	32.04 0.48 -1.58	31.57 0.44 0.00	29.26 0.43 0.00
GREENLWN_69_KV_BK 3 55738	30.09 1.19 -12.17	29.16 0.67 -17.80	27.52 0.70 -15.66	27.51 0.67 -15.63	27.74 0.63 -15.89	29.55 0.88 -13.84	31.36 1.12 -11.91	30.89 0.71 -19.27	29.13 1.10 -12.28	27.90 0.81 -15.39	28.17 1.06 -9.20	28.17 1.06 -9.13	27.56 1.33 -5.71	27.83 1.32 -7.43	29.41 1.40 -10.26	31.48 2.43 -4.53	38.38 3.12 -3.47	34.03 2.94 8.66	30.42 4.01 15.34	35.89 3.55 5.02	36.15 3.47 3.45	35.05 3.00 -2.07	33.17 3.02 0.98	30.78 1.96 0.01
GREENWD_138_KV_38B11_REV_LBMP_J 345004	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.57 0.73 -15.63	27.79 0.67 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.08 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.19 -9.79	46.30 2.42 -2.12	43.61 2.20 -4.04	40.16 2.17 -1.86	37.34 2.01 -5.34	33.13 1.99 0.00	30.73 1.90 0.00
GRISSOM___SOLAR 323813	35.56 1.44 -17.40	37.07 0.94 -25.44	34.51 0.97 -22.38	34.54 0.99 -22.35	34.96 1.02 -22.72	36.03 1.41 -19.79	37.10 1.74 -17.02	39.53 1.08 -27.54	34.91 1.61 -17.55	34.79 1.10 -21.99	32.62 1.56 -13.14	32.74 1.71 -13.05	30.54 1.87 -8.16	31.49 1.77 -10.63	34.16 1.74 -14.67	34.62 2.63 -7.48	45.64 3.91 -9.94	58.90 5.16 -13.99	49.46 4.68 -3.03	47.54 4.41 -5.77	42.80 4.01 -2.66	40.95 3.33 -7.63	34.28 3.14 0.00	31.60 2.77 0.00
GROVEVILLE___HYD 323602	29.81 0.92 -12.16	29.04 0.57 -17.78	27.40 0.59 -15.65	27.41 0.58 -15.62	27.65 0.55 -15.88	29.43 0.77 -13.83	31.15 0.92 -11.90	30.72 0.56 -19.25	28.90 0.88 -12.27	27.74 0.67 -15.37	28.06 0.95 -9.19	28.04 0.93 -9.12	27.33 1.11 -5.71	27.49 0.97 -7.43	28.93 0.92 -10.25	31.10 1.35 -5.23	40.65 1.91 -6.95	51.75 2.23 -9.78	46.38 2.51 -2.12	43.60 2.20 -4.03	40.12 2.13 -1.86	37.12 1.80 -5.33	32.91 1.77 0.00	30.38 1.56 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	19.30 0.10 -2.47	14.35 0.04 -3.62	14.38 0.04 -3.18	14.44 0.06 -3.18	14.51 0.06 -3.23	17.73 0.09 -2.81	20.83 0.07 -2.42	14.86 0.03 -3.92	18.27 0.03 -2.50	14.85 0.02 -3.13	19.84 0.05 -1.87	19.89 0.05 -1.86	21.76 0.08 -1.16	20.67 0.08 -1.51	19.92 0.09 -2.09	25.66 0.07 -1.06	33.24 0.03 -1.41	41.69 -0.04 -1.99	42.02 -0.17 -0.43	38.11 -0.07 -0.82	36.51 0.00 -0.38	31.07 0.00 -1.08	31.14 0.00 0.00	28.80 -0.03 0.00
HAMLTNNY_34_KV_TB 80303	19.40 0.12 -2.56	14.48 0.05 -3.74	14.51 0.07 -3.29	14.56 0.07 -3.28	14.64 0.08 -3.34	17.84 0.10 -2.91	20.93 0.09 -2.50	15.00 0.04 -4.05	18.38 0.05 -2.58	14.97 0.04 -3.23	19.92 0.07 -1.93	19.97 0.07 -1.92	21.82 0.10 -1.20	20.74 0.10 -1.56	20.01 0.11 -2.16	25.72 0.10 -1.10	33.35 0.10 -1.46	41.84 0.04 -2.06	42.20 0.00 -0.45	38.21 0.00 -0.85	36.59 0.07 -0.39	31.14 0.03 -1.12	31.17 0.03 0.00	28.86 0.03 0.00
HAMPSHIRE___PAPER_HYD 323593	16.23 -1.32 -0.82	11.15 -0.75 -1.21	11.40 -0.81 -1.06	11.38 -0.89 -1.06	11.46 -0.84 -1.08	14.63 -1.14 -0.94	18.19 -0.95 -0.81	11.78 -0.44 -1.31	15.76 -0.82 -0.83	12.10 -0.64 -1.04	17.48 -1.06 -0.62	17.59 -1.01 -0.62	19.63 -1.27 -0.39	18.36 -1.22 -0.50	17.31 -1.14 -0.70	23.36 -1.52 -0.35	30.99 -1.27 -0.47	39.97 -0.44 -0.66	41.69 -0.21 -0.14	37.38 -0.26 -0.27	35.43 -0.83 -0.13	29.36 -0.99 -0.36	30.20 -0.93 0.00	28.14 -0.69 0.00
HARDSCRABBLE_WT_PWR 323673	17.13 0.03 -0.37	11.24 0.01 -0.54	11.65 0.01 -0.48	11.69 0.01 -0.48	11.74 0.03 -0.49	15.28 0.03 -0.42	18.76 0.06 -0.36	11.53 0.03 -0.59	16.16 0.03 -0.38	12.15 -0.02 -0.47	18.09 -0.11 -0.28	18.10 -0.16 -0.28	20.46 -0.23 -0.17	19.10 -0.21 -0.23	17.83 -0.23 -0.31	24.44 -0.25 -0.16	31.81 -0.19 -0.21	40.04 0.00 -0.30	41.74 -0.08 -0.06	37.64 0.15 -0.12	36.33 0.15 -0.06	30.33 0.18 -0.16	31.36 0.22 0.00	29.09 0.26 0.00

HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	28.83 0.82 -11.29	27.71 0.51 -16.51	26.21 0.52 -14.52	26.22 0.52 -14.50	26.44 0.48 -14.74	28.35 0.68 -12.84	30.19 0.81 -11.04	29.28 0.50 -17.87	27.92 0.79 -11.39	26.57 0.60 -14.27	27.29 0.84 -8.53	27.29 0.85 -8.47	26.82 1.01 -5.30	26.86 0.88 -6.90	28.08 0.82 -9.52	30.55 1.18 -4.85	39.83 1.59 -6.45	50.69 1.87 -9.08	45.69 1.96 -1.97	42.94 1.83 -3.74	39.59 1.73 -1.73	36.47 1.53 -4.95	32.63 1.49 0.00	30.15 1.33 0.00
HARSNRAD_115KV_TB1 81005	19.53 -0.30 -3.10	15.05 -0.17 -4.53	15.00 -0.15 -3.99	15.04 -0.15 -3.98	15.12 -0.15 -4.05	18.11 -0.25 -3.53	20.73 -0.64 -3.03	15.29 -0.52 -4.91	18.06 -0.82 -3.13	15.05 -0.57 -3.92	19.49 -0.77 -2.34	19.50 -0.81 -2.33	21.09 -0.88 -1.45	20.18 -0.80 -1.89	19.60 -0.76 -2.61	24.73 -1.13 -1.33	31.88 -1.68 -1.77	39.62 -2.62 -2.49	39.65 -2.59 -0.48	35.89 -2.50 -1.03	34.55 -2.06 -0.47	29.76 -1.59 -1.36	29.92 -1.21 0.00	27.96 -0.86 0.00
HARZA MOOSE__RIVER 24016	17.50 -0.13 -0.91	11.95 -0.06 -1.33	12.23 -0.09 -1.17	12.29 -0.08 -1.17	12.35 -0.06 -1.18	15.79 -0.07 -1.03	19.22 0.00 -0.89	12.39 0.04 -1.44	16.66 0.00 -0.92	12.81 -0.04 -1.15	18.50 -0.11 -0.69	18.55 -0.11 -0.68	20.78 -0.16 -0.43	19.50 -0.13 -0.55	18.37 -0.14 -0.76	24.81 -0.10 -0.39	32.47 0.16 -0.52	41.15 0.68 -0.73	42.54 0.63 -0.16	38.30 0.64 -0.30	36.67 0.40 -0.14	30.60 0.21 -0.40	31.29 0.16 0.00	29.00 0.17 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	19.07 0.00 -2.35	14.10 -0.02 -3.43	14.16 -0.02 -3.02	14.21 -0.01 -3.02	14.28 -0.01 -3.07	17.49 -0.01 -2.67	20.58 -0.06 -2.30	14.58 -0.04 -3.72	18.04 -0.08 -2.37	14.61 -0.06 -2.97	19.62 -0.07 -1.77	19.67 -0.07 -1.76	21.55 -0.06 -1.10	20.48 -0.04 -1.43	19.69 -0.04 -1.98	25.43 -0.10 -1.01	32.91 -0.22 -1.34	41.20 -0.44 -1.89	41.62 -0.54 -0.41	37.66 -0.49 -0.78	36.16 -0.33 -0.36	30.78 -0.24 -1.03	30.89 -0.25 0.00	28.60 -0.23 0.00
HELLGATE_13_KV_LD 55870	29.95 1.05 -12.17	29.15 0.66 -17.80	27.51 0.69 -15.66	27.50 0.66 -15.63	27.72 0.61 -15.89	29.49 0.82 -13.84	31.20 0.95 -11.91	30.78 0.60 -19.27	28.96 0.93 -12.28	27.81 0.73 -15.39	28.13 1.02 -9.20	28.15 1.04 -9.13	27.52 1.29 -5.71	27.68 1.16 -7.44	29.04 1.03 -10.26	31.17 1.42 -5.23	40.59 1.84 -6.95	51.56 2.03 -9.79	46.09 2.21 -2.12	43.46 2.06 -4.04	39.98 1.99 -1.86	37.16 1.83 -5.34	32.91 1.77 0.00	30.53 1.70 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	29.95 1.05 -12.17	29.15 0.66 -17.80	27.51 0.69 -15.66	27.50 0.66 -15.63	27.72 0.61 -15.89	29.49 0.82 -13.84	31.20 0.95 -11.91	30.78 0.60 -19.27	28.96 0.93 -12.28	27.81 0.73 -15.39	28.13 1.02 -9.20	28.15 1.04 -9.13	27.52 1.29 -5.71	27.68 1.16 -7.44	29.04 1.03 -10.26	31.17 1.42 -5.23	40.59 1.84 -6.95	51.56 2.03 -9.79	46.09 2.21 -2.12	43.46 2.06 -4.04	39.98 1.99 -1.86	37.16 1.83 -5.34	32.91 1.77 0.00	30.53 1.70 0.00
HEMPSTEAD____ 23647	29.97 1.07 -12.17	29.11 0.62 -17.80	27.48 0.66 -15.66	27.48 0.64 -15.63	27.74 0.63 -15.89	29.48 0.80 -13.84	31.25 1.01 -11.91	30.82 0.64 -19.27	29.02 0.99 -12.28	27.83 0.74 -15.39	28.10 0.98 -9.20	28.08 0.97 -9.13	27.46 1.23 -5.71	27.72 1.20 -7.44	29.26 1.24 -10.26	31.77 1.96 -5.28	41.55 2.51 -7.24	51.92 2.38 -9.79	47.68 3.34 -2.59	44.70 2.88 -4.46	41.26 2.82 -2.31	38.06 2.46 -5.61	33.67 2.46 -0.07	30.59 1.76 0.00
HEWLETT__69_KV_BK3 55828	30.12 1.22 -12.17	29.19 0.71 -17.80	27.57 0.75 -15.66	27.55 0.71 -15.63	27.78 0.66 -15.89	29.60 0.92 -13.84	31.40 1.16 -11.91	30.91 0.73 -19.27	29.16 1.13 -12.28	27.91 0.82 -15.39	28.23 1.11 -9.20	28.23 1.11 -9.13	27.60 1.37 -5.71	27.87 1.35 -7.44	29.42 1.40 -10.26	31.98 2.23 -5.23	41.75 2.92 -7.04	52.24 2.70 -9.79	47.69 3.67 -2.26	44.85 3.33 -4.16	41.41 3.29 -1.99	38.22 2.82 -5.42	33.99 2.83 -0.02	30.87 2.05 0.00
HICKLING____1 23621	21.37 0.28 -4.36	17.25 0.18 -6.37	16.96 0.19 -5.61	17.01 0.20 -5.60	17.13 0.21 -5.69	20.07 0.28 -4.96	22.82 0.22 -4.26	17.91 0.10 -6.90	20.22 0.08 -4.40	17.26 0.05 -5.51	21.30 0.09 -3.29	21.30 0.05 -3.27	22.64 0.08 -2.05	21.82 0.08 -2.66	21.50 0.07 -3.68	26.47 0.07 -1.87	34.31 0.03 -2.49	43.21 -0.04 -3.51	42.50 0.00 -0.74	38.77 -0.04 -1.45	36.91 0.11 -0.67	32.02 0.12 -1.91	31.73 0.59 0.00	29.43 0.61 0.00
HICKLING____2 23622	21.37 0.28 -4.36	17.25 0.18 -6.37	16.96 0.19 -5.61	17.01 0.20 -5.60	17.13 0.21 -5.69	20.07 0.28 -4.96	22.82 0.22 -4.26	17.91 0.10 -6.90	20.22 0.08 -4.40	17.26 0.05 -5.51	21.30 0.09 -3.29	21.30 0.05 -3.27	22.64 0.08 -2.05	21.82 0.08 -2.66	21.50 0.07 -3.68	26.47 0.07 -1.87	34.31 0.03 -2.49	43.21 -0.04 -3.51	42.50 0.00 -0.74	38.77 -0.04 -1.45	36.91 0.11 -0.67	32.02 0.12 -1.91	31.73 0.59 0.00	29.43 0.61 0.00
HIGH FALLS____HY 23754	29.67 0.80 -12.15	28.94 0.49 -17.76	27.30 0.51 -15.63	27.31 0.50 -15.60	27.55 0.47 -15.86	29.31 0.67 -13.82	30.99 0.77 -11.88	30.63 0.49 -19.23	28.77 0.77 -12.25	27.63 0.57 -15.35	27.87 0.77 -9.18	27.85 0.76 -9.11	27.12 0.90 -5.70	27.29 0.78 -7.42	28.74 0.75 -10.24	30.85 1.10 -5.22	40.32 1.59 -6.94	51.38 1.87 -9.77	45.84 1.96 -2.12	43.30 1.91 -4.03	39.79 1.81 -1.86	36.88 1.56 -5.33	32.63 1.49 0.00	30.12 1.30 0.00
HILLBURN____GT 23639	28.98 0.84 -11.42	27.93 0.53 -16.70	26.40 0.55 -14.70	26.40 0.53 -14.67	26.66 0.53 -14.91	28.52 0.70 -12.99	30.34 0.83 -11.17	29.51 0.52 -18.08	28.07 0.80 -11.52	26.76 0.62 -14.44	27.44 0.90 -8.63	27.43 0.88 -8.57	26.92 1.05 -5.36	27.02 0.95 -6.98	28.25 0.87 -9.63	30.63 1.20 -4.91	39.91 1.59 -6.53	50.76 1.83 -9.19	45.63 1.88 -1.99	42.98 1.83 -3.79	39.61 1.73 -1.75	36.56 1.56 -5.01	32.69 1.56 0.00	30.18 1.36 0.00
HILLSIDE_115KV_TB1 80332	21.29 0.05 -4.51	17.33 0.04 -6.60	17.02 0.06 -5.81	17.07 0.07 -5.80	17.18 0.07 -5.89	20.04 0.07 -5.13	22.73 -0.02 -4.41	18.01 -0.04 -7.14	20.17 -0.13 -4.55	17.31 -0.09 -5.70	21.22 -0.11 -3.41	21.22 -0.14 -3.38	22.47 -0.16 -2.12	21.69 -0.15 -2.76	21.41 -0.14 -3.80	26.22 -0.25 -1.94	33.96 -0.41 -2.58	42.74 -0.64 -3.63	41.82 -0.71 -0.77	38.23 -0.64 -1.50	36.31 -0.51 -0.69	31.61 -0.36 -1.98	31.29 0.16 0.00	29.00 0.17 0.00
HISHELDN_WT_PWR 323625	19.97 -0.18 -3.43	15.59 -0.11 -5.01	15.49 -0.08 -4.41	15.53 -0.08 -4.40	15.62 -0.08 -4.47	18.59 -0.13 -3.90	21.28 -0.40 -3.35	15.97 -0.36 -5.42	18.62 -0.58 -3.46	15.61 -0.42 -4.33	19.92 -0.59 -2.59	19.92 -0.63 -2.57	21.40 -0.72 -1.61	20.53 -0.65 -2.09	20.05 -0.59 -2.89	25.16 -0.83 -1.47	32.80 -0.95 -1.96	41.23 -1.27 -2.76	41.09 -1.21 -0.55	37.30 -1.20 -1.14	35.79 -0.87 -0.52	30.77 -0.72 -1.50	30.42 -0.71 0.00	28.37 -0.46 0.00
HOLTSVILLE_IC_1 23690	30.29 1.39 -12.17	29.28 0.79 -17.80	27.67 0.85 -15.66	27.67 0.83 -15.63	27.92 0.81 -15.89	29.70 1.02 -13.84	31.57 1.32 -11.91	31.02 0.84 -19.27	29.34 1.29 -12.30	28.03 0.94 -15.39	28.35 1.24 -9.20	28.32 1.20 -9.13	27.76 1.54 -5.71	28.11 1.55 -7.48	29.69 1.63 -10.31	40.12 2.50 -13.09	82.16 3.21 -47.16	194.32 3.06 -151.52	203.71 4.30 -157.65	134.02 3.51 -93.15	102.97 3.50 -63.34	76.21 3.09 -43.13	45.46 3.08 -11.24	31.18 2.31 -0.04

HOLTSVILLE_IC_10 23699	30.39 1.49 -12.17	29.34 0.86 -17.80	27.73 0.92 -15.66	27.74 0.90 -15.63	27.98 0.86 -15.89	29.79 1.11 -13.84	31.66 1.41 -11.91	31.07 0.89 -19.27	29.41 1.37 -12.29	28.08 0.99 -15.39	28.44 1.33 -9.20	28.39 1.28 -9.13	27.87 1.64 -5.71	28.20 1.64 -7.48	29.77 1.72 -10.30	39.97 2.65 -12.80	80.88 3.40 -45.69	188.90 3.30 -145.86	198.08 4.68 -151.65	130.88 3.74 -89.78	100.93 3.72 -61.08	75.00 3.27 -41.75	45.21 3.24 -10.83	31.32 2.45 -0.04
HOLTSVILLE_IC_2 23691	30.29 1.39 -12.17	29.28 0.79 -17.80	27.67 0.85 -15.66	27.67 0.83 -15.63	27.92 0.81 -15.89	29.70 1.02 -13.84	31.57 1.32 -11.91	31.02 0.84 -19.27	29.34 1.29 -12.30	28.03 0.94 -15.39	28.35 1.24 -9.20	28.32 1.20 -9.13	27.76 1.54 -5.71	28.11 1.55 -7.48	29.69 1.63 -10.31	40.12 2.50 -13.09	82.16 3.21 -47.16	194.32 3.06 -151.52	203.71 4.30 -157.65	134.02 3.51 -93.15	102.97 3.50 -63.34	76.21 3.09 -43.13	45.46 3.08 -11.24	31.18 2.31 -0.04
HOLTSVILLE_IC_3 23692	30.29 1.39 -12.17	29.28 0.79 -17.80	27.67 0.85 -15.66	27.67 0.83 -15.63	27.92 0.81 -15.89	29.70 1.02 -13.84	31.57 1.32 -11.91	31.02 0.84 -19.27	29.34 1.29 -12.30	28.03 0.94 -15.39	28.35 1.24 -9.20	28.32 1.20 -9.13	27.76 1.54 -5.71	28.11 1.55 -7.48	29.69 1.63 -10.31	40.12 2.50 -13.09	82.16 3.21 -47.16	194.32 3.06 -151.52	203.71 4.30 -157.65	134.02 3.51 -93.15	102.97 3.50 -63.34	76.21 3.09 -43.13	45.46 3.08 -11.24	31.18 2.31 -0.04
HOLTSVILLE_IC_4 23693	30.29 1.39 -12.17	29.28 0.79 -17.80	27.67 0.85 -15.66	27.67 0.83 -15.63	27.92 0.81 -15.89	29.70 1.02 -13.84	31.57 1.32 -11.91	31.02 0.84 -19.27	29.34 1.29 -12.30	28.03 0.94 -15.39	28.35 1.24 -9.20	28.32 1.20 -9.13	27.76 1.54 -5.71	28.11 1.55 -7.48	29.69 1.63 -10.31	40.12 2.50 -13.09	82.16 3.21 -47.16	194.32 3.06 -151.52	203.71 4.30 -157.65	134.02 3.51 -93.15	102.97 3.50 -63.34	76.21 3.09 -43.13	45.46 3.08 -11.24	31.18 2.31 -0.04
HOLTSVILLE_IC_5 23694	30.29 1.39 -12.17	29.28 0.79 -17.80	27.67 0.85 -15.66	27.67 0.83 -15.63	27.92 0.81 -15.89	29.70 1.02 -13.84	31.57 1.32 -11.91	31.02 0.84 -19.27	29.34 1.29 -12.30	28.03 0.94 -15.39	28.35 1.24 -9.20	28.32 1.20 -9.13	27.76 1.54 -5.71	28.11 1.55 -7.48	29.69 1.63 -10.31	40.12 2.50 -13.09	82.16 3.21 -47.16	194.32 3.06 -151.52	203.71 4.30 -157.65	134.02 3.51 -93.15	102.97 3.50 -63.34	76.21 3.09 -43.13	45.46 3.08 -11.24	31.18 2.31 -0.04
HOLTSVILLE_IC_6 23695	30.39 1.49 -12.17	29.34 0.86 -17.80	27.73 0.92 -15.66	27.74 0.90 -15.63	27.98 0.86 -15.89	29.79 1.11 -13.84	31.66 1.41 -11.91	31.07 0.89 -19.27	29.41 1.37 -12.29	28.08 0.99 -15.39	28.44 1.33 -9.20	28.39 1.28 -9.13	27.87 1.64 -5.71	28.20 1.64 -7.48	29.77 1.72 -10.30	39.97 2.65 -12.80	80.88 3.40 -45.69	188.90 3.30 -145.86	198.08 4.68 -151.65	130.88 3.74 -89.78	100.93 3.72 -61.08	75.00 3.27 -41.75	45.21 3.24 -10.83	31.32 2.45 -0.04
HOLTSVILLE_IC_7 23696	30.39 1.49 -12.17	29.34 0.86 -17.80	27.73 0.92 -15.66	27.74 0.90 -15.63	27.98 0.86 -15.89	29.79 1.11 -13.84	31.66 1.41 -11.91	31.07 0.89 -19.27	29.41 1.37 -12.29	28.08 0.99 -15.39	28.44 1.33 -9.20	28.39 1.28 -9.13	27.87 1.64 -5.71	28.20 1.64 -7.48	29.77 1.72 -10.30	39.97 2.65 -12.80	80.88 3.40 -45.69	188.90 3.30 -145.86	198.08 4.68 -151.65	130.88 3.74 -89.78	100.93 3.72 -61.08	75.00 3.27 -41.75	45.21 3.24 -10.83	31.32 2.45 -0.04
HOLTSVILLE_IC_8 23697	30.39 1.49 -12.17	29.34 0.86 -17.80	27.73 0.92 -15.66	27.74 0.90 -15.63	27.98 0.86 -15.89	29.79 1.11 -13.84	31.66 1.41 -11.91	31.07 0.89 -19.27	29.41 1.37 -12.29	28.08 0.99 -15.39	28.44 1.33 -9.20	28.39 1.28 -9.13	27.87 1.64 -5.71	28.20 1.64 -7.48	29.77 1.72 -10.30	39.97 2.65 -12.80	80.88 3.40 -45.69	188.90 3.30 -145.86	198.08 4.68 -151.65	130.88 3.74 -89.78	100.93 3.72 -61.08	75.00 3.27 -41.75	45.21 3.24 -10.83	31.32 2.45 -0.04
HOLTSVILLE_IC_9 23698	30.39 1.49 -12.17	29.34 0.86 -17.80	27.73 0.92 -15.66	27.74 0.90 -15.63	27.98 0.86 -15.89	29.79 1.11 -13.84	31.66 1.41 -11.91	31.07 0.89 -19.27	29.41 1.37 -12.29	28.08 0.99 -15.39	28.44 1.33 -9.20	28.39 1.28 -9.13	27.87 1.64 -5.71	28.20 1.64 -7.48	29.77 1.72 -10.30	39.97 2.65 -12.80	80.88 3.40 -45.69	188.90 3.30 -145.86	198.08 4.68 -151.65	130.88 3.74 -89.78	100.93 3.72 -61.08	75.00 3.27 -41.75	45.21 3.24 -10.83	31.32 2.45 -0.04
HOMER_HL_115KV_TB2 355744	19.86 -0.28 -3.42	15.54 -0.15 -5.00	15.41 -0.15 -4.40	15.47 -0.12 -4.39	15.55 -0.13 -4.46	18.53 -0.19 -3.89	21.22 -0.46 -3.35	15.98 -0.34 -5.41	18.63 -0.57 -3.45	15.61 -0.41 -4.32	19.95 -0.56 -2.58	19.92 -0.63 -2.56	21.40 -0.72 -1.60	20.50 -0.67 -2.09	19.99 -0.64 -2.88	25.03 -0.96 -1.47	32.28 -1.46 -1.95	40.51 -1.99 -2.75	40.38 -1.92 -0.55	36.59 -1.91 -1.13	34.96 -1.70 -0.52	30.20 -1.29 -1.50	31.26 0.12 0.00	29.09 0.26 0.00
HOWARD_WT_PWR 323690	20.66 0.12 -3.81	16.33 0.06 -5.57	16.15 0.09 -4.90	16.19 0.09 -4.90	16.31 0.11 -4.98	19.33 0.16 -4.34	22.12 0.06 -3.73	16.90 -0.04 -6.03	19.44 -0.16 -3.85	16.35 -0.18 -4.82	20.51 -0.29 -2.88	20.52 -0.32 -2.86	21.89 -0.41 -1.79	21.05 -0.36 -2.33	20.68 -0.28 -3.21	25.79 -0.37 -1.64	33.78 -0.19 -2.18	42.73 -0.08 -3.07	42.57 0.17 -0.64	38.78 0.15 -1.26	37.11 0.40 -0.58	31.96 0.30 -1.67	31.51 0.37 0.00	29.26 0.43 0.00
HQ_GEN_CEDARS 23644	15.19 -2.04 -0.50	10.30 -1.12 -0.74	10.59 -1.22 -0.65	10.49 -1.37 -0.65	10.57 -1.31 -0.66	13.59 -1.81 -0.57	17.42 -1.41 -0.49	11.06 -0.64 -0.80	15.06 -1.20 -0.51	11.43 -0.91 -0.64	16.83 -1.47 -0.38	16.97 -1.38 -0.38	19.03 -1.72 -0.24	17.65 -1.74 -0.31	16.58 -1.60 -0.42	22.51 -2.23 -0.22	30.23 -1.84 -0.29	39.35 -0.79 -0.41	41.30 -0.54 -0.09	37.08 -0.45 -0.17	34.94 -1.26 -0.08	28.77 -1.44 -0.22	29.42 -1.71 0.00	27.56 -1.27 0.00
HQ_GEN_CEDARS_PROXY 323590	15.19 -2.04 -0.50	10.30 -1.12 -0.74	10.59 -1.22 -0.65	10.48 -1.37 -0.65	10.57 -1.31 -0.66	13.59 -1.81 -0.57	17.42 -1.41 -0.49	11.06 -0.64 -0.80	15.06 -1.20 -0.51	11.43 -0.91 -0.64	16.83 -1.47 -0.38	16.97 -1.38 -0.38	19.03 -1.72 -0.24	17.65 -1.74 -0.31	16.58 -1.60 -0.42	22.51 -2.23 -0.22	30.20 -1.88 -0.29	39.31 -0.84 -0.41	41.30 -0.54 -0.09	37.04 -0.49 -0.17	34.91 -1.30 -0.08	28.74 -1.47 -0.22	29.83 -1.31 0.00	27.93 -0.89 0.00
HQ_GEN_IMPORT 323601	16.73 0.00 0.00	10.69 0.00 0.00	11.16 0.00 0.00	11.21 0.00 0.00	11.22 0.00 0.00	14.83 0.00 0.00	18.34 0.00 0.00	10.91 0.00 0.00	15.75 0.00 0.00	11.70 0.00 0.00	17.92 0.00 0.00	17.98 0.00 0.00	20.51 0.00 0.00	19.08 0.00 0.00	17.75 0.00 0.00	24.52 0.00 0.00	31.79 0.00 0.00	39.74 0.00 0.00	41.75 0.00 0.00	37.36 0.00 0.00	36.13 0.00 0.00	29.99 0.00 0.00	31.14 0.00 0.00	28.83 0.00 0.00
HQ_GEN_WHEEL 23651	16.73 0.00 0.00	10.69 0.00 0.00	11.16 0.00 0.00	11.21 0.00 0.00	11.22 0.00 0.00	14.83 0.00 0.00	18.34 0.00 0.00	10.91 0.00 0.00	15.75 0.00 0.00	11.70 0.00 0.00	17.92 0.00 0.00	17.98 0.00 0.00	20.51 0.00 0.00	19.08 0.00 0.00	17.75 0.00 0.00	24.52 0.00 0.00	31.79 0.00 0.00	39.74 0.00 0.00	41.75 0.00 0.00	37.36 0.00 0.00	36.13 0.00 0.00	29.99 0.00 0.00	31.14 0.00 0.00	28.83 0.00 0.00

HUDSON AVE_GT_3 23810	29.88 0.99 -12.17	29.12 0.63 -17.80	27.48 0.66 -15.66	27.47 0.63 -15.63	27.70 0.58 -15.89	29.50 0.83 -13.84	31.23 0.99 -11.91	30.80 0.62 -19.26	29.00 0.98 -12.28	27.84 0.75 -15.39	28.19 1.08 -9.20	28.19 1.08 -9.13	27.52 1.29 -5.71	27.68 1.16 -7.44	29.08 1.06 -10.26	31.22 1.47 -5.23	40.65 1.91 -6.95	51.64 2.11 -9.79	46.17 2.30 -2.12	43.57 2.17 -4.04	40.09 2.10 -1.86	37.19 1.86 -5.34	32.94 1.81 0.00	30.53 1.70 0.00
HUDSON AVE_GT_4 23540	29.88 0.99 -12.17	29.12 0.63 -17.80	27.48 0.66 -15.66	27.47 0.63 -15.63	27.70 0.58 -15.89	29.50 0.83 -13.84	31.23 0.99 -11.91	30.80 0.62 -19.26	29.00 0.98 -12.28	27.84 0.75 -15.39	28.19 1.08 -9.20	28.19 1.08 -9.13	27.52 1.29 -5.71	27.68 1.16 -7.44	29.08 1.06 -10.26	31.22 1.47 -5.23	40.65 1.91 -6.95	51.64 2.11 -9.79	46.17 2.30 -2.12	43.57 2.17 -4.04	40.09 2.10 -1.86	37.19 1.86 -5.34	32.94 1.81 0.00	30.53 1.70 0.00
HUDSON AVE_GT_5 23657	29.88 0.99 -12.17	29.12 0.63 -17.80	27.48 0.66 -15.66	27.47 0.63 -15.63	27.70 0.58 -15.89	29.50 0.83 -13.84	31.23 0.99 -11.91	30.80 0.62 -19.26	29.00 0.98 -12.28	27.84 0.75 -15.39	28.19 1.08 -9.20	28.19 1.08 -9.13	27.52 1.29 -5.71	27.68 1.16 -7.44	29.08 1.06 -10.26	31.22 1.47 -5.23	40.65 1.91 -6.95	51.64 2.11 -9.79	46.17 2.30 -2.12	43.57 2.17 -4.04	40.09 2.10 -1.86	37.19 1.86 -5.34	32.94 1.81 0.00	30.53 1.70 0.00
HUDSON_AVE_10 24168	29.85 0.95 -12.17	29.08 0.60 -17.80	27.44 0.62 -15.66	27.43 0.59 -15.63	27.66 0.55 -15.89	29.46 0.79 -13.84	31.18 0.94 -11.91	30.78 0.60 -19.26	28.95 0.93 -12.28	27.80 0.71 -15.39	28.13 1.02 -9.20	28.15 1.04 -9.13	27.48 1.25 -5.71	27.64 1.13 -7.44	29.02 1.01 -10.26	31.15 1.40 -5.23	40.59 1.84 -6.95	51.56 2.03 -9.79	46.09 2.21 -2.12	43.49 2.09 -4.04	39.98 1.99 -1.86	37.13 1.80 -5.34	32.88 1.74 0.00	30.44 1.61 0.00
HUDSON___115KV_TB 4 355613	31.65 0.75 -14.17	31.89 0.48 -20.72	29.88 0.49 -18.23	29.89 0.48 -18.20	30.25 0.53 -18.50	31.65 0.70 -16.12	33.01 0.81 -13.86	33.83 0.49 -22.43	30.78 0.74 -14.30	30.12 0.50 -17.91	29.36 0.73 -10.71	29.33 0.72 -10.63	27.98 0.82 -6.65	28.49 0.74 -8.66	30.41 0.71 -11.95	31.76 1.15 -6.09	41.79 1.91 -8.10	53.65 2.50 -11.40	46.81 2.59 -2.47	44.31 2.24 -4.70	40.39 2.10 -2.17	37.88 1.68 -6.21	32.76 1.62 0.00	30.30 1.47 0.00
HUNTER MOUNT___DRP 323613	31.39 0.82 -13.85	31.45 0.51 -20.25	29.50 0.52 -17.82	29.51 0.52 -17.79	29.87 0.57 -18.08	31.34 0.76 -15.75	32.74 0.86 -13.55	33.35 0.52 -21.92	30.52 0.80 -13.97	29.74 0.54 -17.50	29.13 0.75 -10.46	29.09 0.72 -10.39	27.85 0.84 -6.50	28.29 0.74 -8.46	30.15 0.73 -11.68	31.67 1.20 -5.95	41.80 2.10 -7.91	53.71 2.82 -11.14	47.09 2.92 -2.41	44.42 2.47 -4.59	40.60 2.35 -2.12	37.89 1.83 -6.07	32.91 1.77 0.00	30.41 1.59 0.00
HUNTINGTON_RES_REC 323705	30.20 1.31 -12.17	29.24 0.75 -17.80	27.61 0.79 -15.66	27.61 0.77 -15.63	27.87 0.75 -15.89	29.64 0.96 -13.84	31.47 1.23 -11.91	30.96 0.79 -19.27	29.23 1.21 -12.27	27.97 0.88 -15.39	28.28 1.16 -9.20	28.24 1.13 -9.13	27.66 1.44 -5.71	27.95 1.45 -7.42	29.54 1.54 -10.25	29.23 2.55 -2.16	26.39 3.31 8.71	-7.70 3.18 50.63	-15.57 4.51 61.84	9.26 3.70 31.81	17.70 3.65 22.08	23.78 3.18 9.38	29.92 3.18 4.39	30.97 2.16 0.02
HUNTLEY___63 23557	19.71 -0.17 -3.15	15.21 -0.09 -4.61	15.15 -0.06 -4.05	15.19 -0.06 -4.05	15.27 -0.07 -4.11	18.26 -0.15 -3.58	20.89 -0.53 -3.08	15.44 -0.46 -4.99	18.20 -0.72 -3.18	15.19 -0.49 -3.98	19.65 -0.65 -2.38	19.66 -0.68 -2.36	21.25 -0.74 -1.48	20.34 -0.67 -1.92	19.78 -0.62 -2.66	24.94 -0.93 -1.35	32.13 -1.46 -1.80	40.01 -2.27 -2.53	39.99 -2.25 -0.49	36.17 -2.24 -1.04	34.81 -1.81 -0.48	29.96 -1.41 -1.38	30.17 -0.97 0.00	28.19 -0.63 0.00
HUNTLEY___64 23558	19.71 -0.17 -3.15	15.21 -0.09 -4.61	15.15 -0.06 -4.05	15.19 -0.06 -4.05	15.27 -0.07 -4.11	18.26 -0.15 -3.58	20.89 -0.53 -3.08	15.44 -0.46 -4.99	18.20 -0.72 -3.18	15.19 -0.49 -3.98	19.65 -0.65 -2.38	19.66 -0.68 -2.36	21.25 -0.74 -1.48	20.34 -0.67 -1.92	19.78 -0.62 -2.66	24.94 -0.93 -1.35	32.13 -1.46 -1.80	40.01 -2.27 -2.53	39.99 -2.25 -0.49	36.17 -2.24 -1.04	34.81 -1.81 -0.48	29.96 -1.41 -1.38	30.17 -0.97 0.00	28.19 -0.63 0.00
HUNTLEY___65 23559	19.71 -0.17 -3.15	15.21 -0.09 -4.61	15.15 -0.06 -4.05	15.19 -0.06 -4.05	15.27 -0.07 -4.11	18.26 -0.15 -3.58	20.89 -0.53 -3.08	15.44 -0.46 -4.99	18.20 -0.72 -3.18	15.19 -0.49 -3.98	19.65 -0.65 -2.38	19.66 -0.68 -2.36	21.25 -0.74 -1.48	20.34 -0.67 -1.92	19.78 -0.62 -2.66	24.94 -0.93 -1.35	32.13 -1.46 -1.80	40.01 -2.27 -2.53	39.99 -2.25 -0.49	36.17 -2.24 -1.04	34.81 -1.81 -0.48	29.96 -1.41 -1.38	30.17 -0.97 0.00	28.19 -0.63 0.00
HUNTLEY___66 23560	19.71 -0.17 -3.15	15.21 -0.09 -4.61	15.15 -0.06 -4.05	15.19 -0.06 -4.05	15.27 -0.07 -4.11	18.26 -0.15 -3.58	20.89 -0.53 -3.08	15.44 -0.46 -4.99	18.20 -0.72 -3.18	15.19 -0.49 -3.98	19.65 -0.65 -2.38	19.66 -0.68 -2.36	21.25 -0.74 -1.48	20.34 -0.67 -1.92	19.78 -0.62 -2.66	24.94 -0.93 -1.35	32.13 -1.46 -1.80	40.01 -2.27 -2.53	39.99 -2.25 -0.49	36.17 -2.24 -1.04	34.81 -1.81 -0.48	29.96 -1.41 -1.38	30.17 -0.97 0.00	28.19 -0.63 0.00
HUNTLEY___67 23561	19.64 -0.27 -3.18	15.19 -0.15 -4.65	15.13 -0.12 -4.09	15.17 -0.12 -4.09	15.25 -0.12 -4.15	18.23 -0.22 -3.62	20.88 -0.57 -3.11	15.47 -0.48 -5.04	18.22 -0.74 -3.21	15.21 -0.51 -4.02	19.64 -0.68 -2.40	19.63 -0.74 -2.39	21.19 -0.82 -1.49	20.30 -0.73 -1.94	19.74 -0.69 -2.68	24.83 -1.05 -1.37	32.02 -1.59 -1.82	39.84 -2.46 -2.56	39.82 -2.42 -0.49	36.03 -2.39 -1.06	34.63 -1.99 -0.49	29.85 -1.53 -1.40	30.08 -1.06 0.00	28.08 -0.75 0.00
HUNTLEY___68 23562	19.64 -0.27 -3.18	15.19 -0.15 -4.65	15.13 -0.12 -4.09	15.17 -0.12 -4.09	15.25 -0.12 -4.15	18.23 -0.22 -3.62	20.88 -0.57 -3.11	15.47 -0.48 -5.04	18.22 -0.74 -3.21	15.21 -0.51 -4.02	19.64 -0.68 -2.40	19.63 -0.74 -2.39	21.19 -0.82 -1.49	20.30 -0.73 -1.94	19.74 -0.69 -2.68	24.83 -1.05 -1.37	32.02 -1.59 -1.82	39.84 -2.46 -2.56	39.82 -2.42 -0.49	36.03 -2.39 -1.06	34.63 -1.99 -0.49	29.85 -1.53 -1.40	30.08 -1.06 0.00	28.08 -0.75 0.00
HYLAND___LFGE 323620	20.82 0.72 -3.38	16.06 0.43 -4.94	15.96 0.46 -4.35	16.01 0.47 -4.34	16.11 0.48 -4.41	19.30 0.62 -3.84	22.28 0.64 -3.30	16.60 0.34 -5.35	19.49 0.33 -3.41	16.14 0.16 -4.27	20.69 0.22 -2.55	20.64 0.13 -2.53	22.20 0.10 -1.59	21.26 0.12 -2.06	20.72 0.13 -2.85	26.29 0.32 -1.45	34.67 0.95 -1.93	43.97 1.51 -2.72	44.42 2.09 -0.57	40.24 1.76 -1.12	38.52 1.88 -0.52	32.85 1.38 -1.48	32.41 1.28 0.00	30.09 1.27 0.00
INDECK___CORINTH 23802	32.86 1.10 -15.03	33.38 0.72 -21.98	31.23 0.74 -19.34	31.24 0.73 -19.30	31.62 0.77 -19.62	32.96 1.04 -17.09	34.32 1.28 -14.70	35.43 0.73 -23.79	32.01 1.10 -15.16	31.50 0.80 -19.00	30.49 1.22 -11.36	30.42 1.17 -11.27	28.84 1.27 -7.05	29.43 1.16 -9.18	31.54 1.12 -12.67	32.53 1.55 -6.46	42.54 2.16 -8.59	54.70 2.86 -12.09	47.30 2.92 -2.62	44.78 2.43 -4.98	40.67 2.24 -2.30	38.38 1.80 -6.59	33.35 2.21 0.00	30.96 2.13 0.00

INDECK___ILION 23567	17.13 0.03 -0.37	11.25 0.02 -0.54	11.66 0.02 -0.48	11.71 0.02 -0.48	11.74 0.03 -0.49	15.30 0.04 -0.42	18.77 0.07 -0.36	11.54 0.04 -0.59	16.17 0.05 -0.38	12.20 0.02 -0.47	18.20 0.00 -0.28	18.24 -0.02 -0.28	20.65 -0.04 -0.17	19.27 -0.04 -0.23	18.03 -0.04 -0.31	24.66 -0.02 -0.16	32.07 0.06 -0.21	40.28 0.24 -0.30	42.03 0.21 -0.06	37.79 0.30 -0.12	36.40 0.22 -0.06	30.33 0.18 -0.16	31.36 0.22 0.00	29.06 0.23 0.00
INDECK___OLEAN 23982	19.86 -0.28 -3.42	15.54 -0.15 -5.00	15.41 -0.15 -4.40	15.46 -0.13 -4.39	15.55 -0.13 -4.46	18.53 -0.19 -3.89	21.22 -0.46 -3.34	15.98 -0.34 -5.41	18.63 -0.57 -3.45	15.61 -0.41 -4.32	19.95 -0.56 -2.58	19.91 -0.63 -2.56	21.40 -0.72 -1.60	20.50 -0.67 -2.09	19.99 -0.64 -2.88	25.03 -0.96 -1.47	32.60 -1.14 -1.95	41.03 -1.47 -2.75	40.84 -1.46 -0.55	37.04 -1.46 -1.13	35.39 -1.27 -0.52	30.52 -0.96 -1.49	30.30 -0.84 0.00	28.08 -0.75 0.00
INDECK___OSWEGO 23783	18.61 -0.22 -2.10	13.61 -0.15 -3.07	13.70 -0.16 -2.70	13.76 -0.15 -2.70	13.82 -0.15 -2.74	17.03 -0.19 -2.39	20.12 -0.27 -2.05	14.06 -0.17 -3.32	17.61 -0.25 -2.12	14.17 -0.19 -2.66	19.22 -0.29 -1.59	19.27 -0.29 -1.58	21.19 -0.31 -0.99	20.08 -0.29 -1.28	19.25 -0.27 -1.77	25.01 -0.42 -0.90	32.36 -0.64 -1.20	40.60 -0.84 -1.69	41.16 -0.96 -0.37	37.24 -0.82 -0.70	35.69 -0.76 -0.32	30.28 -0.63 -0.92	30.45 -0.69 0.00	28.19 -0.63 0.00
INDECK___YERKES 23781	19.72 -0.15 -3.15	15.22 -0.07 -4.61	15.16 -0.04 -4.05	15.19 -0.06 -4.05	15.28 -0.06 -4.11	18.28 -0.13 -3.58	20.90 -0.51 -3.08	15.45 -0.45 -4.99	18.22 -0.71 -3.18	15.20 -0.48 -3.98	19.67 -0.63 -2.38	19.70 -0.65 -2.36	21.27 -0.72 -1.48	20.36 -0.65 -1.92	19.80 -0.60 -2.66	24.94 -0.93 -1.35	32.54 -1.05 -1.80	40.77 -1.51 -2.53	40.66 -1.59 -0.49	36.87 -1.53 -1.04	35.49 -1.12 -0.48	30.40 -0.96 -1.37	30.14 -1.00 0.00	28.22 -0.61 0.00
INDIAN POINT_GT_1 24139	29.59 0.85 -12.01	28.80 0.55 -17.57	27.18 0.57 -15.46	27.18 0.55 -15.43	27.41 0.50 -15.69	29.21 0.71 -13.66	30.95 0.86 -11.75	30.46 0.53 -19.01	28.70 0.83 -12.12	27.52 0.63 -15.19	27.93 0.93 -9.08	27.91 0.92 -9.01	27.26 1.11 -5.64	27.41 0.99 -7.34	28.78 0.91 -10.13	30.96 1.28 -5.16	40.31 1.65 -6.86	51.32 1.91 -9.66	45.94 2.09 -2.09	43.25 1.91 -3.98	39.81 1.84 -1.84	36.88 1.62 -5.27	32.73 1.59 0.00	30.27 1.44 0.00
INDIAN POINT_GT_2 23659	29.59 0.85 -12.01	28.80 0.55 -17.57	27.18 0.57 -15.46	27.18 0.55 -15.43	27.41 0.50 -15.69	29.21 0.71 -13.66	30.95 0.86 -11.75	30.46 0.53 -19.01	28.70 0.83 -12.12	27.52 0.63 -15.19	27.93 0.93 -9.08	27.91 0.92 -9.01	27.26 1.11 -5.64	27.41 0.99 -7.34	28.78 0.91 -10.13	30.96 1.28 -5.16	40.31 1.65 -6.86	51.32 1.91 -9.66	45.94 2.09 -2.09	43.25 1.91 -3.98	39.81 1.84 -1.84	36.88 1.62 -5.27	32.73 1.59 0.00	30.27 1.44 0.00
INDIAN POINT_GT_3 24019	29.59 0.85 -12.01	28.80 0.55 -17.57	27.18 0.57 -15.46	27.18 0.55 -15.43	27.41 0.50 -15.69	29.21 0.71 -13.66	30.95 0.86 -11.75	30.46 0.53 -19.01	28.70 0.83 -12.12	27.52 0.63 -15.19	27.93 0.93 -9.08	27.91 0.92 -9.01	27.26 1.11 -5.64	27.41 0.99 -7.34	28.78 0.91 -10.13	30.96 1.28 -5.16	40.31 1.65 -6.86	51.32 1.91 -9.66	45.94 2.09 -2.09	43.25 1.91 -3.98	39.81 1.84 -1.84	36.88 1.62 -5.27	32.73 1.59 0.00	30.27 1.44 0.00
INDIAN POINT___2 23530	29.26 0.82 -11.72	28.35 0.52 -17.14	26.78 0.55 -15.08	26.79 0.53 -15.05	27.05 0.53 -15.30	28.86 0.70 -13.33	30.63 0.83 -11.47	29.99 0.52 -18.55	28.37 0.80 -11.82	27.13 0.61 -14.82	27.67 0.90 -8.85	27.65 0.88 -8.79	27.08 1.07 -5.50	27.20 0.95 -7.16	28.50 0.87 -9.88	30.78 1.23 -5.04	40.08 1.59 -6.70	51.00 1.83 -9.43	45.80 2.00 -2.04	43.08 1.83 -3.89	39.66 1.73 -1.79	36.69 1.56 -5.14	32.69 1.56 0.00	30.18 1.36 0.00
INDIAN POINT___3 23531	29.83 0.89 -12.21	29.12 0.57 -17.86	27.46 0.59 -15.72	27.45 0.56 -15.69	27.70 0.53 -15.95	29.48 0.76 -13.89	31.18 0.90 -11.95	30.80 0.56 -19.33	28.94 0.87 -12.32	27.80 0.66 -15.44	28.11 0.97 -9.23	28.11 0.97 -9.16	27.39 1.15 -5.73	27.58 1.03 -7.46	29.01 0.96 -10.30	31.12 1.35 -5.25	40.52 1.75 -6.98	51.60 2.03 -9.83	46.10 2.21 -2.13	43.43 2.02 -4.05	39.95 1.95 -1.87	37.05 1.71 -5.36	32.82 1.68 0.00	30.36 1.53 0.00
INGHAM_C_115KV_TB7 356103	17.20 0.10 -0.37	11.30 0.06 -0.54	11.70 0.07 -0.48	11.75 0.07 -0.48	11.79 0.08 -0.49	15.36 0.10 -0.42	18.85 0.15 -0.36	11.59 0.09 -0.59	16.22 0.09 -0.38	12.21 0.04 -0.47	18.20 0.00 -0.28	18.22 -0.04 -0.28	20.61 -0.08 -0.17	19.21 -0.10 -0.23	17.96 -0.11 -0.31	24.58 -0.10 -0.16	32.04 0.03 -0.21	40.28 0.24 -0.30	41.95 0.13 -0.06	37.86 0.37 -0.12	36.51 0.33 -0.06	30.48 0.33 -0.16	31.51 0.37 0.00	29.23 0.40 0.00
IP CORINTH___1 23988	32.86 1.10 -15.03	33.38 0.72 -21.98	31.23 0.74 -19.34	31.24 0.73 -19.30	31.62 0.77 -19.62	32.96 1.04 -17.09	34.32 1.28 -14.70	35.43 0.73 -23.79	32.01 1.10 -15.16	31.50 0.80 -19.00	30.49 1.22 -11.36	30.40 1.15 -11.27	28.84 1.27 -7.05	29.43 1.16 -9.18	31.54 1.12 -12.67	32.53 1.54 -6.46	42.51 2.13 -8.59	54.62 2.78 -12.09	47.26 2.88 -2.62	44.74 2.39 -4.98	40.63 2.20 -2.30	38.35 1.77 -6.59	33.32 2.18 0.00	30.99 2.16 0.00
IP___TICONDEROGA 23804	33.59 1.86 -15.01	33.83 1.20 -21.95	31.70 1.23 -19.31	31.69 1.21 -19.28	32.11 1.29 -19.60	33.67 1.76 -17.07	35.18 2.16 -14.68	35.97 1.30 -23.76	32.83 1.94 -15.14	32.07 1.39 -18.97	31.35 2.10 -11.34	31.29 2.05 -11.26	29.83 2.28 -7.04	30.30 2.04 -9.17	32.36 1.95 -12.66	33.74 2.77 -6.45	44.43 4.07 -8.57	57.06 5.25 -12.07	49.63 5.26 -2.62	46.86 4.52 -4.98	42.58 4.16 -2.29	39.93 3.36 -6.58	34.78 3.64 0.00	32.32 3.49 0.00
ISLIP_RES_REC 323679	30.45 1.56 -12.17	29.39 0.90 -17.80	27.78 0.96 -15.66	27.78 0.94 -15.63	28.04 0.92 -15.89	29.85 1.17 -13.84	31.75 1.50 -11.91	31.13 0.95 -19.27	29.47 1.43 -12.29	28.13 1.04 -15.39	28.49 1.38 -9.20	28.46 1.35 -9.13	27.93 1.70 -5.71	28.25 1.70 -7.47	29.84 1.79 -10.30	39.23 2.72 -11.98	76.81 3.53 -41.49	174.13 3.50 -130.89	181.94 4.88 -135.31	121.73 3.92 -80.44	94.67 3.87 -54.67	71.18 3.39 -37.80	44.16 3.36 -9.66	31.46 2.60 -0.04
JAMAICA___27_KV_LOAD 355505	29.90 1.00 -12.17	29.12 0.63 -17.80	27.46 0.65 -15.66	27.45 0.62 -15.63	27.68 0.57 -15.89	29.50 0.83 -13.84	31.25 1.01 -11.91	30.82 0.64 -19.26	29.02 0.99 -12.28	27.85 0.76 -15.39	28.21 1.09 -9.20	28.21 1.10 -9.13	27.58 1.35 -5.71	27.72 1.20 -7.44	29.09 1.08 -10.26	31.22 1.47 -5.23	40.71 1.97 -6.95	51.76 2.23 -9.79	46.34 2.46 -2.12	43.68 2.28 -4.04	40.16 2.17 -1.86	37.28 1.95 -5.34	33.01 1.87 0.00	30.56 1.73 0.00
JANIS___SOLAR 323808	22.09 0.87 -4.50	17.79 0.52 -6.58	17.48 0.54 -5.79	17.57 0.58 -5.78	17.68 0.58 -5.87	20.75 0.80 -5.12	23.67 0.93 -4.40	18.59 0.56 -7.12	21.01 0.72 -4.54	17.87 0.48 -5.69	21.98 0.66 -3.40	22.02 0.67 -3.37	23.36 0.74 -2.11	22.58 0.74 -2.75	22.25 0.71 -3.79	27.56 1.10 -1.93	36.05 1.68 -2.57	45.75 2.38 -3.62	44.87 2.34 -0.78	41.02 2.17 -1.49	38.95 2.13 -0.69	33.64 1.68 -1.97	32.79 1.65 0.00	30.33 1.50 0.00

JARVIS____ 23743	17.02 -0.08 -0.37	11.19 -0.04 -0.54	11.58 -0.06 -0.48	11.63 -0.06 -0.48	11.66 -0.04 -0.49	15.20 -0.06 -0.42	18.65 -0.05 -0.36	11.48 -0.02 -0.59	16.08 -0.05 -0.38	12.14 -0.04 -0.47	18.13 -0.07 -0.28	18.21 -0.05 -0.28	20.61 -0.08 -0.17	19.23 -0.08 -0.23	17.99 -0.07 -0.31	24.58 -0.10 -0.16	31.94 -0.06 -0.21	40.04 0.00 -0.30	41.86 0.04 -0.06	37.52 0.04 -0.12	36.15 -0.04 -0.06	30.12 -0.03 -0.16	31.14 0.00 0.00	28.83 0.00 0.00
JENNISON____1 23625	23.14 0.99 -5.43	19.24 0.61 -7.94	18.77 0.62 -6.99	18.86 0.68 -6.97	19.00 0.68 -7.09	21.93 0.92 -6.18	24.69 1.05 -5.31	20.14 0.63 -8.60	22.09 0.87 -5.48	19.17 0.61 -6.86	22.90 0.88 -4.10	22.93 0.88 -4.07	24.05 0.98 -2.55	23.37 0.97 -3.32	23.22 0.89 -4.58	28.20 1.35 -2.33	36.74 1.84 -3.10	46.62 2.50 -4.37	45.20 2.51 -0.94	41.44 2.28 -1.80	39.13 2.17 -0.83	34.14 1.77 -2.38	33.10 1.96 0.00	30.62 1.79 0.00
JENNISON____2 23626	23.14 0.99 -5.43	19.24 0.61 -7.94	18.77 0.62 -6.99	18.86 0.68 -6.97	19.00 0.68 -7.09	21.93 0.92 -6.18	24.69 1.05 -5.31	20.14 0.63 -8.60	22.09 0.87 -5.48	19.17 0.61 -6.86	22.90 0.88 -4.10	22.93 0.88 -4.07	24.05 0.98 -2.55	23.37 0.97 -3.32	23.22 0.89 -4.58	28.20 1.35 -2.33	36.74 1.84 -3.10	46.62 2.50 -4.37	45.20 2.51 -0.94	41.44 2.28 -1.80	39.13 2.17 -0.83	34.14 1.77 -2.38	33.10 1.96 0.00	30.62 1.79 0.00
JERICHO_RISE_WT_PWR 323719	14.89 -2.31 -0.47	10.07 -1.32 -0.69	10.36 -1.41 -0.61	10.24 -1.57 -0.61	10.34 -1.50 -0.62	13.31 -2.06 -0.54	17.09 -1.70 -0.46	10.84 -0.82 -0.75	14.78 -1.45 -0.48	11.20 -1.10 -0.60	16.55 -1.65 -0.35	16.68 -1.65 -0.22	18.66 -2.07 -0.22	17.31 -2.06 -0.29	16.25 -1.90 -0.40	22.10 -2.62 -0.20	29.77 -2.29 -0.27	38.85 -1.27 -0.38	40.92 -0.92 -0.08	36.66 -0.86 -0.16	34.54 -1.66 -0.07	28.37 -1.83 -0.21	29.49 -1.65 0.00	27.67 -1.15 0.00
KATONAH____115KV_46KV_TB4 355592	29.99 0.97 -12.29	29.28 0.61 -17.98	27.61 0.64 -15.82	27.61 0.62 -15.79	27.85 0.57 -16.05	29.63 0.82 -13.98	31.34 0.97 -12.03	30.97 0.60 -19.46	29.11 0.96 -12.40	27.97 0.73 -15.54	28.28 1.08 -9.29	28.26 1.06 -9.22	27.53 1.25 -5.77	27.72 1.13 -7.51	29.16 1.05 -10.37	31.30 1.50 -5.28	40.72 1.91 -7.02	51.90 2.27 -9.89	46.45 2.55 -2.14	43.72 2.28 -4.08	40.21 2.20 -1.88	37.27 1.89 -5.39	32.97 1.84 0.00	30.44 1.61 0.00
KCE_NY_1 323755	32.63 0.92 -14.99	33.20 0.60 -21.92	31.06 0.61 -19.29	31.06 0.60 -19.25	31.43 0.64 -19.57	32.74 0.86 -17.05	34.04 1.04 -14.66	35.25 0.61 -23.72	31.78 0.91 -15.12	31.30 0.65 -18.95	30.24 1.00 -11.32	30.23 1.01 -11.24	28.65 1.11 -7.03	29.27 1.03 -9.16	31.36 0.98 -12.64	32.41 1.45 -6.44	42.39 2.04 -8.56	54.46 2.66 -12.06	47.08 2.71 -2.61	44.65 2.32 -4.97	40.59 2.17 -2.29	38.33 1.77 -6.57	33.07 1.93 0.00	30.59 1.76 0.00
KCE_NY_6_ESR 323823	19.84 -0.13 -3.25	15.37 -0.07 -4.75	15.29 -0.04 -4.18	15.34 -0.04 -4.17	15.42 -0.04 -4.24	18.42 -0.10 -3.70	21.11 -0.40 -3.18	15.68 -0.37 -5.14	18.43 -0.60 -3.28	15.40 -0.41 -4.11	19.84 -0.54 -2.46	19.84 -0.58 -2.44	21.38 -0.66 -1.53	20.48 -0.59 -1.99	19.94 -0.55 -2.74	25.11 -0.81 -1.40	32.76 -0.89 -1.86	41.09 -1.27 -2.61	40.92 -1.34 -0.51	37.13 -1.31 -1.08	35.69 -0.94 -0.49	30.63 -0.78 -1.42	30.36 -0.78 0.00	28.34 -0.49 0.00
KEDC_PORT_JEFF_GT2 24210	30.35 1.45 -12.17	29.32 0.83 -17.80	27.71 0.89 -15.66	27.72 0.87 -15.63	27.97 0.85 -15.89	29.76 1.08 -13.84	31.64 1.39 -11.91	31.06 0.88 -19.27	29.40 1.35 -12.30	28.07 0.98 -15.39	28.42 1.31 -9.20	28.37 1.26 -9.13	27.85 1.62 -5.71	28.19 1.62 -7.48	29.76 1.70 -10.31	40.83 2.65 -13.66	85.16 3.31 -50.06	204.25 3.18 -161.33	214.83 4.47 -168.61	140.47 3.62 -99.49	107.51 3.61 -67.77	79.12 3.27 -45.86	46.43 3.24 -12.05	31.29 2.42 -0.04
KEDC_PORT_JEFF_GT3 24211	30.35 1.45 -12.17	29.32 0.83 -17.80	27.71 0.89 -15.66	27.72 0.87 -15.63	27.97 0.85 -15.89	29.76 1.08 -13.84	31.64 1.39 -11.91	31.06 0.88 -19.27	29.40 1.35 -12.30	28.07 0.98 -15.39	28.42 1.31 -9.20	28.37 1.26 -9.13	27.85 1.62 -5.71	28.19 1.62 -7.48	29.76 1.70 -10.31	40.83 2.65 -13.66	85.16 3.31 -50.06	204.25 3.18 -161.33	214.83 4.47 -168.61	140.47 3.62 -99.49	107.51 3.61 -67.77	79.12 3.27 -45.86	46.43 3.24 -12.05	31.29 2.42 -0.04
KEDC_GLWD_GT4 24219	29.97 1.07 -12.17	29.13 0.64 -17.80	27.50 0.68 -15.66	27.50 0.66 -15.63	27.77 0.65 -15.89	29.52 0.84 -13.84	31.29 1.04 -11.91	30.84 0.67 -19.27	29.05 1.02 -12.28	27.85 0.76 -15.39	28.17 1.06 -9.20	28.15 1.04 -9.13	27.52 1.29 -5.71	27.74 1.22 -7.44	29.24 1.22 -10.26	31.67 1.86 -5.28	41.45 2.41 -7.25	52.00 2.47 -9.79	47.48 3.13 -2.59	44.59 2.76 -4.46	41.15 2.71 -2.31	37.97 2.37 -5.61	33.58 2.37 -0.08	30.62 1.79 0.00
KEDC_GLWD_GT5 24220	29.97 1.07 -12.17	29.13 0.64 -17.80	27.50 0.68 -15.66	27.50 0.66 -15.63	27.77 0.65 -15.89	29.52 0.84 -13.84	31.29 1.04 -11.91	30.84 0.67 -19.27	29.05 1.02 -12.28	27.85 0.76 -15.39	28.17 1.06 -9.20	28.15 1.04 -9.13	27.52 1.29 -5.71	27.74 1.22 -7.44	29.24 1.22 -10.26	31.67 1.86 -5.28	41.45 2.41 -7.25	52.00 2.47 -9.79	47.48 3.13 -2.59	44.59 2.76 -4.46	41.15 2.71 -2.31	37.97 2.37 -5.61	33.58 2.37 -0.08	30.62 1.79 0.00
KENSICO____ 23655	29.80 0.92 -12.16	29.04 0.58 -17.78	27.40 0.60 -15.64	27.40 0.58 -15.62	27.65 0.55 -15.87	29.43 0.77 -13.83	31.17 0.94 -11.89	30.73 0.58 -19.24	28.91 0.90 -12.26	27.75 0.68 -15.37	28.09 0.99 -9.19	28.09 0.99 -9.12	27.41 1.19 -5.70	27.58 1.07 -7.43	28.98 0.98 -10.25	31.12 1.37 -5.23	40.52 1.78 -6.95	51.59 2.07 -9.78	46.13 2.25 -2.12	43.45 2.06 -4.03	39.98 1.99 -1.86	37.06 1.74 -5.33	32.85 1.71 0.00	30.38 1.56 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	29.09 0.82 -11.54	28.06 0.49 -16.88	26.52 0.51 -14.85	26.53 0.50 -14.82	26.77 0.48 -15.07	28.64 0.68 -13.13	30.40 0.77 -11.29	29.67 0.49 -18.27	28.18 0.79 -11.64	26.88 0.59 -14.59	27.41 0.77 -8.72	27.39 0.76 -8.66	26.83 0.90 -5.42	26.92 0.78 -7.05	28.23 0.75 -9.73	30.59 1.10 -4.96	40.04 1.65 -6.59	50.98 1.95 -9.28	45.85 2.09 -2.01	43.17 1.98 -3.83	39.77 1.88 -1.76	36.64 1.59 -5.06	32.66 1.53 0.00	30.15 1.33 0.00
KIAC_JFK_GT1 23816	29.85 0.95 -12.17	29.08 0.60 -17.80	27.44 0.62 -15.66	27.42 0.58 -15.63	27.65 0.54 -15.89	29.47 0.80 -13.84	31.20 0.95 -11.91	30.80 0.62 -19.26	28.97 0.94 -12.28	27.82 0.74 -15.39	28.15 1.04 -9.20	28.17 1.06 -9.13	27.52 1.29 -5.71	27.66 1.14 -7.44	29.04 1.03 -10.26	31.15 1.40 -5.23	40.62 1.88 -6.95	51.60 2.07 -9.79	46.22 2.34 -2.12	43.57 2.17 -4.04	40.05 2.06 -1.86	37.19 1.86 -5.34	32.91 1.77 0.00	30.47 1.64 0.00
KIAC_JFK_GT2 23817	29.85 0.95 -12.17	29.08 0.60 -17.80	27.44 0.62 -15.66	27.42 0.58 -15.63	27.65 0.54 -15.89	29.47 0.80 -13.84	31.20 0.95 -11.91	30.80 0.62 -19.26	28.97 0.94 -12.28	27.82 0.74 -15.39	28.15 1.04 -9.20	28.17 1.06 -9.13	27.52 1.29 -5.71	27.66 1.14 -7.44	29.04 1.03 -10.26	31.15 1.40 -5.23	40.62 1.88 -6.95	51.60 2.07 -9.79	46.22 2.34 -2.12	43.57 2.17 -4.04	40.05 2.06 -1.86	37.19 1.86 -5.34	32.91 1.77 0.00	30.47 1.64 0.00

KIAC_JFK____ 323774	29.85 0.95 -12.17	29.08 0.60 -17.80	27.44 0.62 -15.66	27.42 0.58 -15.63	27.71 0.59 -15.89	29.47 0.80 -13.84	31.20 0.95 -11.91	30.80 0.62 -19.26	28.97 0.94 -12.28	27.82 0.74 -15.39	28.15 1.04 -9.20	28.15 1.04 -9.13	27.52 1.29 -5.71	27.66 1.14 -7.44	29.04 1.03 -10.26	31.15 1.40 -5.23	40.62 1.88 -6.95	51.60 2.07 -9.79	46.26 2.38 -2.12	43.57 2.17 -4.04	40.05 2.06 -1.86	37.22 1.89 -5.34	32.97 1.84 0.00	30.47 1.64 0.00
KINTIGH____ 23543	19.49 -0.17 -2.93	14.90 -0.09 -4.29	14.87 -0.07 -3.78	14.91 -0.07 -3.77	14.98 -0.08 -3.83	18.02 -0.15 -3.34	20.79 -0.42 -2.87	15.19 -0.37 -4.65	18.13 -0.58 -2.96	15.01 -0.40 -3.71	19.63 -0.50 -2.22	19.64 -0.54 -2.20	21.30 -0.59 -1.38	20.34 -0.53 -1.79	19.71 -0.51 -2.48	24.97 -0.81 -1.26	32.20 -1.27 -1.68	40.08 -2.03 -2.36	40.24 -2.05 -0.54	36.36 -1.98 -0.97	34.95 -1.63 -0.45	30.02 -1.26 -1.29	29.95 -1.18 0.00	27.93 -0.89 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	15.10 -2.09 -0.46	10.21 -1.15 -0.67	10.50 -1.25 -0.59	10.38 -1.42 -0.59	10.47 -1.36 -0.60	13.49 -1.87 -0.52	17.32 -1.47 -0.45	10.99 -0.65 -0.73	14.99 -1.23 -0.47	11.35 -0.94 -0.58	16.78 -1.49 -0.35	16.91 -1.42 -0.35	18.92 -1.81 -0.22	17.55 -1.81 -0.28	16.47 -1.67 -0.39	22.39 -2.33 -0.20	30.27 -1.78 -0.26	39.60 -0.52 -0.37	41.75 -0.08 -0.08	37.40 -0.11 -0.15	35.15 -1.05 -0.07	28.81 -1.38 -0.20	29.55 -1.59 0.00	27.73 -1.10 0.00
LACHUTE____HYDRO 323717	33.59 1.86 -15.01	33.83 1.20 -21.95	31.70 1.23 -19.31	31.69 1.21 -19.28	32.11 1.29 -19.60	33.67 1.76 -17.07	35.18 2.16 -14.68	35.97 1.30 -23.76	32.83 1.94 -15.14	32.07 1.39 -18.97	31.35 2.10 -11.34	31.32 2.08 -11.26	29.83 2.28 -7.04	30.30 2.04 -9.17	32.36 1.95 -12.66	33.74 2.77 -6.45	44.47 4.10 -8.57	57.18 5.36 -12.07	49.72 5.35 -2.62	46.94 4.59 -4.98	42.65 4.23 -2.29	39.96 3.39 -6.58	34.78 3.64 0.00	32.29 3.46 0.00
LAWRNCV_115KV_TB1 80681	15.36 -1.96 -0.59	10.47 -1.08 -0.86	10.74 -1.17 -0.76	10.65 -1.31 -0.76	10.73 -1.26 -0.77	13.78 -1.72 -0.67	17.57 -1.34 -0.58	11.23 -0.61 -0.93	15.21 -1.13 -0.59	11.58 -0.87 -0.75	16.95 -1.42 -0.45	17.09 -1.33 -0.44	19.11 -1.68 -0.28	17.78 -1.66 -0.36	16.70 -1.54 -0.50	22.64 -2.13 -0.25	30.41 -1.72 -0.34	39.58 -0.64 -0.47	41.48 -0.38 -0.10	37.22 -0.34 -0.20	35.10 -1.12 -0.09	28.90 -1.35 -0.26	29.55 -1.59 0.00	27.62 -1.21 0.00
LEDERLE____ 23769	29.38 0.94 -11.72	28.42 0.60 -17.13	26.86 0.62 -15.08	26.85 0.59 -15.05	27.08 0.56 -15.30	28.96 0.80 -13.33	30.75 0.95 -11.46	30.05 0.59 -18.55	28.48 0.91 -11.82	27.20 0.69 -14.81	27.77 1.00 -8.85	27.78 1.01 -8.79	27.20 1.19 -5.50	27.31 1.07 -7.16	28.61 0.98 -9.88	30.96 1.40 -5.04	40.33 1.84 -6.69	51.32 2.15 -9.43	46.09 2.30 -2.04	43.38 2.13 -3.89	39.95 2.02 -1.79	36.90 1.77 -5.14	32.88 1.74 0.00	30.41 1.59 0.00
LIGHTHSE_115KV_TB6 355974	18.58 -0.15 -2.00	13.51 -0.11 -2.93	13.61 -0.12 -2.58	13.67 -0.11 -2.57	13.74 -0.10 -2.62	16.98 -0.13 -2.28	20.10 -0.20 -1.96	13.97 -0.11 -3.17	17.57 -0.20 -2.02	14.10 -0.14 -2.53	19.18 -0.25 -1.51	19.23 -0.25 -1.50	21.17 -0.29 -0.94	20.06 -0.25 -1.22	19.21 -0.23 -1.69	25.09 -0.29 -0.86	32.55 -0.38 -1.14	41.04 -0.32 -1.61	41.73 -0.38 -0.35	37.69 -0.34 -0.66	36.15 -0.29 -0.31	30.54 -0.33 -0.88	30.76 -0.37 0.00	28.45 -0.37 0.00
LINDEN COGEN____ 23786	29.78 0.89 -12.17	29.05 0.57 -17.80	27.41 0.59 -15.66	27.40 0.56 -15.63	27.67 0.56 -15.89	29.41 0.74 -13.84	31.14 0.90 -11.91	30.75 0.58 -19.26	28.94 0.91 -12.28	27.78 0.69 -15.39	28.10 0.98 -9.20	28.10 0.99 -9.13	27.43 1.21 -5.71	27.59 1.07 -7.44	28.99 0.98 -10.26	31.10 1.35 -5.23	40.43 1.68 -6.95	51.33 1.79 -9.79	45.84 1.96 -2.12	43.27 1.87 -4.04	39.87 1.88 -1.86	37.03 1.71 -5.34	32.79 1.65 0.00	30.35 1.53 0.00
LINDHRST_69_KV_BK1 356055	30.30 1.41 -12.17	29.30 0.81 -17.80	27.67 0.85 -15.66	27.65 0.81 -15.63	27.88 0.76 -15.89	29.73 1.05 -13.84	31.58 1.34 -11.91	31.02 0.84 -19.27	29.32 1.29 -12.28	28.03 0.94 -15.39	28.35 1.24 -9.20	28.33 1.22 -9.13	27.74 1.52 -5.71	28.03 1.51 -7.44	29.60 1.58 -10.27	32.71 2.43 -5.76	44.64 3.12 -9.73	60.41 2.90 -17.77	57.46 4.01 -11.70	50.64 3.47 -9.80	45.68 3.43 -6.11	40.94 3.00 -7.95	34.90 2.99 -0.77	31.14 2.31 0.00
LIPA_MISC_IPP 23656	30.37 1.47 -12.17	29.32 0.83 -17.80	27.70 0.88 -15.66	27.68 0.84 -15.63	27.91 0.80 -15.89	29.77 1.10 -13.84	31.64 1.39 -11.91	31.06 0.88 -19.27	29.43 1.39 -12.30	28.08 0.99 -15.39	28.42 1.31 -9.20	28.42 1.31 -9.13	27.85 1.62 -5.71	28.18 1.62 -7.48	29.76 1.70 -10.31	40.21 2.62 -13.07	82.23 3.37 -47.07	194.05 3.18 -151.13	203.44 4.43 -157.26	134.00 3.70 -92.93	102.98 3.65 -63.20	76.25 3.21 -43.05	45.56 3.21 -11.22	31.32 2.45 -0.04
LISF____SOLAR 323691	30.39 1.49 -12.17	29.34 0.86 -17.80	27.74 0.93 -15.66	27.75 0.91 -15.63	27.99 0.88 -15.89	29.79 1.11 -13.84	31.68 1.43 -11.91	31.08 0.91 -19.27	29.43 1.39 -12.30	28.11 1.02 -15.39	28.46 1.34 -9.20	28.41 1.30 -9.13	27.89 1.66 -5.71	28.22 1.66 -7.48	29.81 1.76 -10.31	40.22 2.67 -13.02	82.05 3.47 -46.79	193.23 3.42 -150.07	202.60 4.72 -156.13	133.51 3.85 -92.30	102.70 3.79 -62.77	76.11 3.33 -42.79	45.58 3.30 -11.14	31.35 2.48 -0.04
LITTLE FALLS____HYD 24013	17.20 0.10 -0.37	11.30 0.06 -0.54	11.70 0.07 -0.48	11.75 0.07 -0.48	11.79 0.08 -0.49	15.36 0.10 -0.42	18.85 0.15 -0.36	11.59 0.09 -0.59	16.22 0.09 -0.38	12.21 0.04 -0.47	18.20 0.00 -0.28	18.22 -0.04 -0.28	20.61 -0.08 -0.17	19.21 -0.10 -0.23	17.96 -0.11 -0.31	24.58 -0.10 -0.16	32.04 0.03 -0.21	40.28 0.24 -0.30	41.95 0.13 -0.06	37.86 0.37 -0.12	36.51 0.33 -0.06	30.48 0.33 -0.16	31.51 0.37 0.00	29.23 0.40 0.00
LITTLRIV_115KV_TB1 356100	15.52 -1.81 -0.60	10.59 -0.98 -0.88	10.86 -1.07 -0.78	10.78 -1.20 -0.78	10.86 -1.14 -0.79	13.95 -1.57 -0.69	17.77 -1.16 -0.59	11.38 -0.49 -0.96	15.38 -0.98 -0.61	11.69 -0.77 -0.76	17.10 -1.27 -0.46	17.25 -1.19 -0.45	19.28 -1.52 -0.28	17.94 -1.51 -0.37	16.86 -1.40 -0.51	22.87 -1.91 -0.26	30.77 -1.37 -0.34	40.15 -0.08 -0.49	42.03 0.17 -0.11	37.75 0.19 -0.20	35.57 -0.65 -0.09	29.26 -0.99 -0.26	29.89 -1.25 0.00	27.96 -0.86 0.00
LI_NEWBRDGE____DRP 323616	29.95 1.05 -12.17	29.09 0.60 -17.80	27.44 0.62 -15.66	27.43 0.59 -15.63	27.66 0.55 -15.89	29.45 0.77 -13.84	31.22 0.97 -11.91	30.81 0.63 -19.27	29.00 0.98 -12.28	27.80 0.71 -15.39	28.05 0.93 -9.20	28.05 0.93 -9.13	27.39 1.17 -5.71	27.68 1.16 -7.44	29.26 1.24 -10.26	31.74 2.01 -5.21	41.30 2.58 -6.93	51.84 2.31 -9.79	47.14 3.30 -2.09	44.29 2.91 -4.01	40.81 2.85 -1.83	37.79 2.49 -5.32	33.62 2.49 0.01	30.56 1.73 0.00
LOCKPORT_115KV_TB60_63_64 80432	19.51 -0.30 -3.09	15.02 -0.18 -4.52	14.98 -0.16 -3.97	15.02 -0.16 -3.97	15.10 -0.16 -4.03	18.08 -0.27 -3.51	20.70 -0.66 -3.02	15.27 -0.53 -4.89	18.03 -0.83 -3.12	15.02 -0.59 -3.90	19.48 -0.77 -2.33	19.47 -0.83 -2.32	21.08 -0.88 -1.45	20.15 -0.82 -1.89	19.57 -0.78 -2.60	24.72 -1.13 -1.33	31.87 -1.68 -1.76	39.61 -2.62 -2.48	39.65 -2.59 -0.48	35.89 -2.50 -1.02	34.58 -2.02 -0.47	29.75 -1.59 -1.35	29.92 -1.21 0.00	27.96 -0.86 0.00

LOCKPORT___CC1 323769	19.53 -0.30 -3.10	15.05 -0.17 -4.53	15.00 -0.15 -3.99	15.04 -0.15 -3.98	15.11 -0.16 -4.05	18.11 -0.25 -3.53	20.73 -0.64 -3.03	15.30 -0.52 -4.91	18.06 -0.82 -3.13	15.05 -0.57 -3.92	19.49 -0.77 -2.34	19.51 -0.79 -2.33	21.09 -0.88 -1.45	20.18 -0.80 -1.89	19.60 -0.76 -2.61	24.73 -1.13 -1.33	32.23 -1.33 -1.77	40.33 -1.91 -2.49	40.28 -1.96 -0.48	36.53 -1.87 -1.03	35.19 -1.41 -0.47	30.17 -1.17 -1.35	29.92 -1.21 0.00	27.99 -0.84 0.00
LOCKPORT___CC2 323770	19.53 -0.30 -3.10	15.05 -0.17 -4.53	15.00 -0.15 -3.99	15.04 -0.15 -3.98	15.11 -0.16 -4.05	18.11 -0.25 -3.53	20.73 -0.64 -3.03	15.30 -0.52 -4.91	18.06 -0.82 -3.13	15.05 -0.57 -3.92	19.49 -0.77 -2.34	19.51 -0.79 -2.33	21.09 -0.88 -1.45	20.18 -0.80 -1.89	19.60 -0.76 -2.61	24.73 -1.13 -1.33	32.23 -1.33 -1.77	40.33 -1.91 -2.49	40.28 -1.96 -0.48	36.53 -1.87 -1.03	35.19 -1.41 -0.47	30.17 -1.17 -1.35	29.92 -1.21 0.00	27.99 -0.84 0.00
LOCKPORT___CC3 323771	19.53 -0.30 -3.10	15.05 -0.17 -4.53	15.00 -0.15 -3.99	15.04 -0.15 -3.98	15.11 -0.16 -4.05	18.11 -0.25 -3.53	20.73 -0.64 -3.03	15.30 -0.52 -4.91	18.06 -0.82 -3.13	15.05 -0.57 -3.92	19.49 -0.77 -2.34	19.51 -0.79 -2.33	21.09 -0.88 -1.45	20.18 -0.80 -1.89	19.60 -0.76 -2.61	24.73 -1.13 -1.33	32.23 -1.33 -1.77	40.33 -1.91 -2.49	40.28 -1.96 -0.48	36.53 -1.87 -1.03	35.19 -1.41 -0.47	30.17 -1.17 -1.35	29.92 -1.21 0.00	27.99 -0.84 0.00
LONG_LAKE_PHOENIX 24014	18.78 -0.12 -2.17	13.77 -0.10 -3.17	13.85 -0.10 -2.79	13.90 -0.09 -2.79	13.96 -0.09 -2.83	17.18 -0.12 -2.47	20.29 -0.17 -2.12	14.24 -0.11 -3.44	17.78 -0.16 -2.19	14.33 -0.12 -2.74	19.38 -0.18 -1.64	19.45 -0.16 -1.63	21.35 -0.18 -1.02	20.24 -0.17 -1.33	19.44 -0.14 -1.83	25.21 -0.25 -0.93	32.62 -0.41 -1.24	40.93 -0.56 -1.75	41.38 -0.75 -0.38	37.49 -0.60 -0.72	35.96 -0.51 -0.33	30.52 -0.42 -0.95	30.67 -0.47 0.00	28.37 -0.46 0.00
LOVETT___3 23632	29.53 0.94 -11.86	28.63 0.59 -17.35	27.04 0.61 -15.27	27.04 0.59 -15.24	27.27 0.56 -15.49	29.11 0.79 -13.49	30.88 0.94 -11.61	30.28 0.59 -18.78	28.63 0.91 -11.97	27.39 0.69 -15.00	27.89 1.00 -8.96	27.89 1.01 -8.90	27.29 1.21 -5.57	27.42 1.09 -7.25	28.75 0.99 -10.00	31.02 1.40 -5.10	40.41 1.84 -6.78	51.40 2.11 -9.54	46.12 2.30 -2.07	43.43 2.13 -3.93	39.97 2.02 -1.81	36.99 1.80 -5.20	32.91 1.77 0.00	30.41 1.59 0.00
LOVETT___4 23642	29.53 0.94 -11.86	28.63 0.59 -17.35	27.04 0.61 -15.27	27.04 0.59 -15.24	27.27 0.56 -15.49	29.11 0.79 -13.49	30.88 0.94 -11.61	30.28 0.59 -18.78	28.63 0.91 -11.97	27.39 0.69 -15.00	27.89 1.00 -8.96	27.89 1.01 -8.90	27.29 1.21 -5.57	27.42 1.09 -7.25	28.75 0.99 -10.00	31.02 1.40 -5.10	40.41 1.84 -6.78	51.40 2.11 -9.54	46.12 2.30 -2.07	43.43 2.13 -3.93	39.97 2.02 -1.81	36.99 1.80 -5.20	32.91 1.77 0.00	30.41 1.59 0.00
LOVETT___5 23593	29.53 0.94 -11.86	28.63 0.59 -17.35	27.04 0.61 -15.27	27.04 0.59 -15.24	27.27 0.56 -15.49	29.11 0.79 -13.49	30.88 0.94 -11.61	30.28 0.59 -18.78	28.63 0.91 -11.97	27.39 0.69 -15.00	27.89 1.00 -8.96	27.89 1.01 -8.90	27.29 1.21 -5.57	27.42 1.09 -7.25	28.75 0.99 -10.00	31.02 1.40 -5.10	40.41 1.84 -6.78	51.40 2.11 -9.54	46.12 2.30 -2.07	43.43 2.13 -3.93	39.97 2.02 -1.81	36.99 1.80 -5.20	32.91 1.77 0.00	30.41 1.59 0.00
LOWER_RAQUET___HYD 24057	15.42 -1.92 -0.62	10.53 -1.06 -0.90	10.80 -1.15 -0.79	10.71 -1.29 -0.79	10.79 -1.23 -0.81	13.84 -1.69 -0.70	17.62 -1.32 -0.60	11.29 -0.60 -0.98	15.25 -1.12 -0.62	11.63 -0.85 -0.78	16.99 -1.40 -0.47	17.13 -1.31 -0.46	19.14 -1.66 -0.29	17.82 -1.64 -0.38	16.74 -1.53 -0.52	22.68 -2.11 -0.27	30.43 -1.72 -0.35	39.60 -0.64 -0.50	41.53 -0.34 -0.11	37.27 -0.30 -0.20	35.10 -1.12 -0.09	28.91 -1.35 -0.27	29.95 -1.18 0.00	28.02 -0.81 0.00
LOWER___HUDSON 24059	32.05 0.59 -14.74	32.63 0.38 -21.56	30.53 0.40 -18.97	30.53 0.39 -18.94	30.89 0.42 -19.25	32.15 0.55 -16.77	33.44 0.68 -14.42	34.63 0.38 -23.34	31.20 0.58 -14.87	30.77 0.43 -18.64	29.75 0.70 -11.14	29.74 0.70 -11.06	28.19 0.76 -6.92	28.82 0.72 -9.01	30.86 0.67 -12.43	31.89 1.03 -6.34	41.65 1.43 -8.42	53.47 1.87 -11.86	46.21 1.88 -2.57	43.90 1.64 -4.89	39.97 1.59 -2.25	37.74 1.29 -6.47	32.54 1.40 0.00	30.07 1.24 0.00
LOWVILLE_115KV_TB2 356335	17.31 -0.38 -0.96	11.89 -0.21 -1.41	12.15 -0.25 -1.24	12.20 -0.25 -1.24	12.26 -0.22 -1.26	15.65 -0.28 -1.10	19.08 -0.20 -0.94	12.38 -0.05 -1.53	16.53 -0.19 -0.97	12.73 -0.19 -1.22	18.31 -0.34 -0.73	18.36 -0.34 -0.72	20.51 -0.45 -0.45	19.27 -0.40 -0.59	18.17 -0.39 -0.81	24.52 -0.42 -0.41	32.18 -0.16 -0.55	40.96 0.44 -0.78	42.38 0.46 -0.17	38.13 0.45 -0.32	36.46 0.18 -0.15	30.38 -0.03 -0.42	31.01 -0.12 0.00	28.74 -0.09 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	32.62 0.90 -14.99	33.19 0.59 -21.92	31.06 0.61 -19.29	31.05 0.59 -19.25	31.42 0.63 -19.57	32.72 0.85 -17.05	34.03 1.03 -14.66	35.24 0.60 -23.72	31.77 0.90 -15.12	31.29 0.64 -18.95	30.25 1.00 -11.32	30.21 0.99 -11.24	28.63 1.09 -7.03	29.25 1.01 -9.16	31.35 0.96 -12.64	32.39 1.42 -6.44	42.32 1.97 -8.56	54.35 2.54 -12.06	47.00 2.63 -2.61	44.58 2.24 -4.97	40.55 2.13 -2.29	38.30 1.74 -6.57	33.04 1.90 0.00	30.59 1.76 0.00
LUTHERNY_35_KV_BK2 355980	32.63 0.92 -14.99	33.20 0.60 -21.92	31.06 0.61 -19.29	31.06 0.61 -19.25	31.43 0.64 -19.57	32.74 0.86 -17.05	34.05 1.05 -14.66	35.25 0.61 -23.72	31.78 0.91 -15.12	31.30 0.66 -18.95	30.25 1.00 -11.32	30.21 0.99 -11.24	28.65 1.11 -7.03	29.27 1.03 -9.16	31.36 0.98 -12.64	32.41 1.45 -6.44	42.36 2.00 -8.56	54.39 2.58 -12.06	47.04 2.67 -2.61	44.61 2.28 -4.97	40.59 2.17 -2.29	38.33 1.77 -6.57	33.04 1.90 0.00	30.62 1.79 0.00
LWR___OSWEGATCHIE_HYD 23850	16.23 -1.32 -0.82	11.15 -0.75 -1.21	11.40 -0.81 -1.06	11.38 -0.89 -1.06	11.46 -0.84 -1.08	14.63 -1.14 -0.94	18.19 -0.95 -0.81	11.78 -0.44 -1.31	15.76 -0.82 -0.83	12.10 -0.64 -1.04	17.48 -1.06 -0.62	17.59 -1.01 -0.62	19.63 -1.27 -0.39	18.37 -1.22 -0.50	17.31 -1.14 -0.70	23.36 -1.52 -0.35	31.02 -1.24 -0.47	39.97 -0.44 -0.66	41.65 -0.25 -0.14	37.38 -0.26 -0.27	35.46 -0.79 -0.13	29.36 -0.99 -0.36	29.95 -1.18 0.00	27.91 -0.92 0.00
LYONS_FALL_HYD 23570	17.50 -0.13 -0.91	11.95 -0.06 -1.33	12.23 -0.09 -1.17	12.29 -0.08 -1.17	12.34 -0.07 -1.18	15.79 -0.07 -1.03	19.22 0.00 -0.89	12.39 0.04 -1.44	16.66 0.00 -0.92	12.81 -0.04 -1.15	18.50 -0.11 -0.69	18.55 -0.11 -0.68	20.77 -0.16 -0.43	19.50 -0.13 -0.55	18.37 -0.14 -0.76	24.81 -0.10 -0.39	32.47 0.16 -0.52	41.15 0.68 -0.73	42.58 0.67 -0.16	38.30 0.63 -0.30	36.67 0.40 -0.14	30.60 0.21 -0.40	31.36 0.22 0.00	29.06 0.23 0.00
MADISON___COUNTY_LFGE 323628	18.53 0.37 -1.44	13.02 0.22 -2.10	13.24 0.23 -1.85	13.31 0.26 -1.85	13.36 0.26 -1.88	16.82 0.36 -1.63	20.18 0.44 -1.41	13.46 0.27 -2.27	17.56 0.36 -1.45	13.76 0.25 -1.82	19.34 0.34 -1.09	19.40 0.34 -1.08	21.56 0.37 -0.67	20.34 0.38 -0.88	19.32 0.35 -1.21	25.68 0.54 -0.62	33.38 0.76 -0.82	42.01 1.11 -1.16	42.97 0.96 -0.25	38.81 0.97 -0.48	37.25 0.90 -0.22	31.31 0.69 -0.63	31.85 0.72 0.00	29.55 0.72 0.00

MALONE___115KV_TB1 356076	15.14 -2.09 -0.51	10.28 -1.15 -0.74	10.56 -1.25 -0.66	10.45 -1.41 -0.65	10.53 -1.36 -0.66	13.54 -1.87 -0.58	17.39 -1.45 -0.50	11.07 -0.64 -0.81	15.05 -1.21 -0.51	11.42 -0.92 -0.64	16.82 -1.49 -0.38	16.96 -1.40 -0.38	18.97 -1.78 -0.24	17.60 -1.79 -0.31	16.51 -1.67 -0.43	22.41 -2.33 -0.22	30.27 -1.81 -0.29	39.56 -0.60 -0.41	41.59 -0.25 -0.09	37.31 -0.22 -0.17	35.09 -1.12 -0.08	28.80 -1.41 -0.22	29.49 -1.65 0.00	27.62 -1.21 0.00
MAPLEWOD_115KV_TB3 80458	31.85 0.45 -14.68	32.44 0.29 -21.46	30.34 0.30 -18.88	30.36 0.30 -18.85	30.70 0.31 -19.16	31.94 0.42 -16.69	33.19 0.50 -14.36	34.44 0.29 -23.23	31.01 0.46 -14.81	30.59 0.34 -18.55	29.54 0.54 -11.09	29.53 0.54 -11.01	28.02 0.62 -6.89	28.64 0.59 -8.97	30.66 0.53 -12.38	31.66 0.83 -6.31	41.32 1.14 -8.38	53.02 1.47 -11.81	45.86 1.54 -2.56	43.54 1.31 -4.87	39.64 1.26 -2.24	37.48 1.05 -6.44	32.20 1.06 0.00	29.81 0.98 0.00
MAPLE_RIDGE_WT_1 323574	15.90 -1.12 -0.29	10.47 -0.65 -0.43	10.84 -0.69 -0.38	10.84 -0.74 -0.38	10.89 -0.72 -0.38	14.20 -0.96 -0.34	17.76 -0.86 -0.29	10.92 -0.46 -0.47	15.27 -0.77 -0.30	11.49 -0.58 -0.37	17.23 -0.91 -0.22	17.32 -0.88 -0.22	19.58 -1.07 -0.14	18.23 -1.03 -0.18	17.07 -0.92 -0.25	23.40 -1.25 -0.13	30.82 -1.14 -0.17	39.19 -0.79 -0.24	41.14 -0.67 -0.05	36.83 -0.64 -0.10	35.24 -0.94 -0.05	29.19 -0.93 -0.13	30.30 -0.84 0.00	28.19 -0.63 0.00
MAPLE_RIDGE_WT_2 323611	15.90 -1.12 -0.29	10.47 -0.65 -0.43	10.84 -0.69 -0.38	10.84 -0.74 -0.38	10.89 -0.72 -0.38	14.20 -0.96 -0.34	17.76 -0.86 -0.29	10.92 -0.46 -0.47	15.27 -0.77 -0.30	11.49 -0.58 -0.37	17.23 -0.91 -0.22	17.32 -0.88 -0.22	19.58 -1.07 -0.14	18.23 -1.03 -0.18	17.07 -0.92 -0.25	23.40 -1.25 -0.13	30.82 -1.14 -0.17	39.19 -0.79 -0.24	41.14 -0.67 -0.05	36.83 -0.64 -0.10	35.24 -0.94 -0.05	29.19 -0.93 -0.13	30.30 -0.84 0.00	28.19 -0.63 0.00
MARBLE_RIVER_WT_PWR 323696	14.93 -2.26 -0.46	10.08 -1.28 -0.67	10.36 -1.38 -0.59	10.26 -1.53 -0.59	10.35 -1.47 -0.60	13.33 -2.02 -0.52	17.12 -1.67 -0.45	10.84 -0.80 -0.72	14.81 -1.40 -0.46	11.20 -1.08 -0.58	16.56 -1.70 -0.35	16.69 -1.64 -0.34	18.70 -2.03 -0.21	17.34 -2.02 -0.28	16.27 -1.86 -0.39	22.12 -2.60 -0.20	29.80 -2.26 -0.26	38.88 -1.23 -0.37	41.00 -0.83 -0.08	36.69 -0.82 -0.15	34.58 -1.63 -0.07	28.39 -1.80 -0.20	29.55 -1.59 0.00	27.70 -1.12 0.00
MARSHVLE_115KV_TB1 80742	35.99 0.99 -18.28	38.06 0.64 -26.73	35.33 0.66 -23.52	35.37 0.68 -23.48	35.79 0.71 -23.87	36.58 0.96 -20.79	37.39 1.17 -17.88	40.56 0.72 -28.93	35.23 1.04 -18.44	35.52 0.71 -23.11	32.73 1.00 -13.81	32.72 1.02 -13.71	30.18 1.09 -8.58	31.26 1.01 -11.17	34.16 0.99 -15.41	33.95 1.57 -7.86	44.62 2.38 -10.44	57.63 3.18 -14.70	48.32 3.38 -3.19	46.27 2.84 -6.06	41.49 2.57 -2.79	40.19 2.19 -8.02	33.29 2.15 0.00	30.73 1.90 0.00
MARSH_HILL_WT_PWR 323713	20.63 0.12 -3.79	16.30 0.06 -5.54	16.12 0.09 -4.88	16.17 0.10 -4.87	16.28 0.11 -4.95	19.31 0.16 -4.31	22.08 0.04 -3.71	16.87 -0.04 -6.00	19.40 -0.17 -3.82	16.33 -0.16 -4.79	20.51 -0.27 -2.86	20.50 -0.32 -2.84	21.90 -0.39 -1.78	21.06 -0.34 -2.32	20.66 -0.28 -3.20	25.81 -0.34 -1.63	33.74 -0.22 -2.17	42.67 -0.12 -3.05	42.48 0.08 -0.64	38.70 0.07 -1.26	37.03 0.32 -0.58	31.89 0.24 -1.66	31.45 0.31 0.00	29.20 0.37 0.00
MCINTYRE_115KV_TB2 80467	15.50 -1.81 -0.58	10.58 -0.96 -0.85	10.85 -1.06 -0.75	10.75 -1.20 -0.75	10.85 -1.13 -0.76	13.92 -1.57 -0.66	17.81 -1.10 -0.57	11.37 -0.46 -0.92	15.39 -0.94 -0.59	11.69 -0.75 -0.74	17.10 -1.25 -0.44	17.25 -1.17 -0.44	19.27 -1.52 -0.27	17.93 -1.51 -0.36	16.84 -1.40 -0.49	22.88 -1.89 -0.25	30.82 -1.30 -0.33	40.29 0.08 -0.47	42.27 0.42 -0.10	37.93 0.37 -0.19	35.71 -0.51 -0.09	29.34 -0.90 -0.26	29.99 -1.15 0.00	28.08 -0.75 0.00
MECO___69_KV_BK1 80468	35.56 1.44 -17.40	37.07 0.94 -25.44	34.51 0.97 -22.38	34.54 0.99 -22.35	34.96 1.02 -22.72	36.03 1.41 -19.79	37.10 1.74 -17.02	39.53 1.08 -27.54	34.90 1.61 -17.55	34.79 1.10 -21.99	32.62 1.56 -13.14	32.72 1.69 -13.05	30.54 1.87 -8.16	31.49 1.77 -10.63	34.16 1.74 -14.67	34.62 2.62 -7.48	45.61 3.88 -9.94	58.75 5.01 -13.99	49.38 4.59 -3.03	47.47 4.33 -5.77	42.73 3.94 -2.66	40.89 3.27 -7.63	34.28 3.14 0.00	31.65 2.83 0.00
MENANDS__115KV_TB5 355628	31.73 0.35 -14.65	32.34 0.22 -21.42	30.25 0.25 -18.85	30.26 0.24 -18.82	30.60 0.25 -19.13	31.82 0.33 -16.66	33.05 0.39 -14.33	34.33 0.23 -23.19	30.89 0.36 -14.78	30.49 0.27 -18.52	29.43 0.45 -11.07	29.42 0.45 -10.99	27.90 0.51 -6.87	28.51 0.48 -8.95	30.55 0.44 -12.35	31.50 0.69 -6.30	41.11 0.95 -8.37	52.72 1.19 -11.78	45.56 1.25 -2.55	43.31 1.08 -4.86	39.42 1.05 -2.24	37.25 0.84 -6.42	32.01 0.87 0.00	29.61 0.78 0.00
MG INDUSTRY___DRP 24185	31.58 0.33 -14.52	32.15 0.22 -21.24	30.08 0.23 -18.69	30.09 0.24 -18.65	30.42 0.24 -18.96	31.66 0.31 -16.52	32.91 0.37 -14.21	34.12 0.22 -22.99	30.74 0.35 -14.65	30.32 0.26 -18.36	29.28 0.39 -10.97	29.27 0.40 -10.89	27.80 0.47 -6.81	28.40 0.44 -8.87	30.39 0.39 -12.25	31.35 0.59 -6.24	40.91 0.83 -8.30	52.42 0.99 -11.68	45.33 1.04 -2.53	43.11 0.93 -4.82	39.25 0.90 -2.22	37.11 0.75 -6.37	31.92 0.78 0.00	29.52 0.69 0.00
MID___OSWEGATCHIE_HYD 23849	16.23 -1.32 -0.82	11.15 -0.75 -1.21	11.40 -0.81 -1.06	11.38 -0.89 -1.06	11.46 -0.84 -1.08	14.63 -1.14 -0.94	18.19 -0.95 -0.81	11.78 -0.44 -1.31	15.76 -0.82 -0.83	12.10 -0.64 -1.04	17.48 -1.06 -0.62	17.59 -1.01 -0.62	19.63 -1.27 -0.39	18.37 -1.22 -0.50	17.31 -1.14 -0.70	23.36 -1.52 -0.35	31.02 -1.24 -0.47	39.97 -0.44 -0.66	41.65 -0.25 -0.14	37.38 -0.26 -0.27	35.46 -0.79 -0.13	29.36 -0.99 -0.36	29.95 -1.18 0.00	27.91 -0.92 0.00
MID___RAQUETTE_HYD 23851	15.42 -1.92 -0.62	10.53 -1.06 -0.90	10.80 -1.15 -0.79	10.71 -1.29 -0.79	10.79 -1.23 -0.81	13.84 -1.69 -0.70	17.62 -1.32 -0.60	11.29 -0.60 -0.98	15.25 -1.12 -0.62	11.63 -0.85 -0.78	16.99 -1.40 -0.47	17.13 -1.31 -0.46	19.14 -1.66 -0.29	17.82 -1.64 -0.38	16.74 -1.53 -0.52	22.68 -2.11 -0.27	30.46 -1.68 -0.35	39.64 -0.60 -0.50	41.53 -0.33 -0.11	37.27 -0.30 -0.20	35.14 -1.08 -0.09	28.94 -1.32 -0.27	29.58 -1.56 0.00	27.65 -1.18 0.00
MILLIKEN___1 23584	20.85 0.45 -3.67	16.32 0.27 -5.37	16.16 0.28 -4.72	16.21 0.29 -4.71	16.32 0.30 -4.79	19.42 0.42 -4.17	22.40 0.48 -3.59	17.00 0.28 -5.81	19.83 0.38 -3.70	16.60 0.26 -4.64	21.07 0.38 -2.77	21.13 0.40 -2.75	22.69 0.45 -1.72	21.76 0.44 -2.24	21.27 0.43 -3.09	26.69 0.59 -1.58	34.68 0.79 -2.10	43.69 0.99 -2.95	43.31 0.92 -0.64	39.52 0.93 -1.22	37.63 0.94 -0.56	32.32 0.72 -1.61	31.95 0.81 0.00	29.55 0.72 0.00
MILLIKEN___2 23585	20.85 0.45 -3.67	16.32 0.27 -5.37	16.16 0.28 -4.72	16.21 0.29 -4.71	16.32 0.30 -4.79	19.42 0.42 -4.17	22.40 0.48 -3.59	17.00 0.28 -5.81	19.83 0.38 -3.70	16.60 0.26 -4.64	21.07 0.38 -2.77	21.13 0.40 -2.75	22.69 0.45 -1.72	21.76 0.44 -2.24	21.27 0.43 -3.09	26.69 0.59 -1.58	34.68 0.79 -2.10	43.69 0.99 -2.95	43.31 0.92 -0.64	39.52 0.93 -1.22	37.63 0.94 -0.56	32.32 0.72 -1.61	31.95 0.81 0.00	29.55 0.72 0.00

MILLIKEN___DIESEL 23629	20.85 0.45 -3.67	16.32 0.27 -5.37	16.16 0.28 -4.72	16.21 0.29 -4.71	16.32 0.30 -4.79	19.42 0.42 -4.17	22.40 0.48 -3.59	17.00 0.28 -5.81	19.83 0.38 -3.70	16.60 0.26 -4.64	21.07 0.38 -2.77	21.13 0.40 -2.75	22.69 0.45 -1.72	21.76 0.44 -2.24	21.27 0.43 -3.09	26.69 0.59 -1.58	34.68 0.79 -2.10	43.69 0.99 -2.95	43.31 0.92 -0.64	39.52 0.93 -1.22	37.63 0.94 -0.56	32.32 0.72 -1.61	31.95 0.81 0.00	29.55 0.72 0.00
MILLSEAT___LFGE 323607	19.66 -0.15 -3.09	15.12 -0.09 -4.51	15.07 -0.06 -3.97	15.11 -0.06 -3.96	15.18 -0.07 -4.03	18.21 -0.13 -3.51	20.88 -0.48 -3.02	15.37 -0.43 -4.89	18.19 -0.68 -3.11	15.14 -0.47 -3.90	19.64 -0.61 -2.33	19.65 -0.65 -2.32	21.26 -0.70 -1.45	20.32 -0.65 -1.89	19.73 -0.62 -2.60	24.97 -0.88 -1.33	32.57 -0.99 -1.76	40.80 -1.43 -2.48	40.86 -1.38 -0.48	37.04 -1.34 -1.02	35.98 -0.61 -0.46	30.74 -0.57 -1.32	30.48 -0.66 0.00	28.51 -0.32 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	29.72 0.89 -12.11	28.95 0.56 -17.70	27.31 0.58 -15.58	27.32 0.56 -15.55	27.56 0.53 -15.81	29.34 0.74 -13.77	31.08 0.90 -11.84	30.63 0.56 -19.16	28.83 0.87 -12.21	27.66 0.66 -15.30	28.01 0.95 -9.15	28.01 0.95 -9.08	27.34 1.15 -5.68	27.51 1.03 -7.40	28.90 0.94 -10.21	31.05 1.32 -5.20	40.42 1.72 -6.92	51.47 1.99 -9.74	46.04 2.17 -2.11	43.36 1.98 -4.02	39.90 1.91 -1.85	36.98 1.68 -5.31	32.79 1.65 0.00	30.33 1.50 0.00
MILLWOOD_13_KV_LOAD 356217	29.75 0.92 -12.11	28.98 0.59 -17.70	27.35 0.61 -15.58	27.35 0.59 -15.55	27.58 0.55 -15.81	29.37 0.77 -13.77	31.12 0.94 -11.84	30.65 0.58 -19.16	28.86 0.90 -12.21	27.70 0.69 -15.30	28.07 1.00 -9.15	28.07 1.01 -9.08	27.38 1.19 -5.68	27.55 1.07 -7.40	28.95 0.99 -10.21	31.12 1.40 -5.20	40.52 1.81 -6.92	51.55 2.07 -9.74	46.16 2.30 -2.11	43.47 2.09 -4.02	40.00 2.02 -1.85	37.07 1.77 -5.31	32.88 1.74 0.00	30.38 1.56 0.00
MODEL_CITY_ENERGY 24167	19.37 -0.47 -3.11	14.96 -0.28 -4.55	14.91 -0.26 -4.00	14.95 -0.26 -4.00	15.02 -0.27 -4.06	17.97 -0.40 -3.54	20.56 -0.82 -3.05	15.19 -0.64 -4.93	17.91 -0.98 -3.14	14.95 -0.69 -3.93	19.32 -0.95 -2.35	19.33 -0.99 -2.33	20.89 -1.09 -1.46	19.97 -1.01 -1.90	19.42 -0.96 -2.62	24.49 -1.37 -1.34	31.88 -1.69 -1.78	39.86 -2.38 -2.50	39.81 -2.42 -0.48	36.12 -2.28 -1.03	34.80 -1.81 -0.47	29.85 -1.50 -1.36	29.55 -1.59 0.00	27.67 -1.15 0.00
MODERN_LFGE___ 323580	19.37 -0.47 -3.11	14.96 -0.28 -4.55	14.91 -0.26 -4.00	14.95 -0.26 -4.00	15.02 -0.27 -4.06	17.97 -0.40 -3.54	20.56 -0.82 -3.05	15.19 -0.64 -4.93	17.91 -0.98 -3.14	14.95 -0.69 -3.93	19.32 -0.95 -2.35	19.33 -0.99 -2.33	20.89 -1.09 -1.46	19.97 -1.01 -1.90	19.42 -0.96 -2.62	24.49 -1.37 -1.34	31.88 -1.69 -1.78	39.86 -2.38 -2.50	39.81 -2.42 -0.48	36.12 -2.28 -1.03	34.80 -1.81 -0.47	29.85 -1.50 -1.36	29.55 -1.59 0.00	27.67 -1.15 0.00
MOHAWK_PAPER___DRP 24187	31.85 0.45 -14.68	32.44 0.29 -21.46	30.34 0.30 -18.88	30.36 0.30 -18.85	30.70 0.31 -19.16	31.94 0.42 -16.69	33.19 0.50 -14.36	34.44 0.29 -23.23	31.01 0.46 -14.81	30.59 0.34 -18.55	29.54 0.54 -11.09	29.53 0.54 -11.01	28.02 0.62 -6.89	28.64 0.59 -8.97	30.66 0.53 -12.38	31.66 0.83 -6.31	41.32 1.14 -8.38	53.02 1.47 -11.81	45.86 1.54 -2.56	43.54 1.31 -4.87	39.64 1.26 -2.24	37.48 1.05 -6.44	32.20 1.06 0.00	29.81 0.98 0.00
MOHICAN___35_KV_115KV_LD 80490	32.88 1.15 -15.00	33.37 0.75 -21.94	31.23 0.77 -19.30	31.22 0.75 -19.27	31.61 0.80 -19.59	32.98 1.08 -17.06	34.35 1.34 -14.68	35.42 0.76 -23.75	32.03 1.15 -15.13	31.50 0.83 -18.96	30.52 1.27 -11.33	30.46 1.22 -11.25	28.91 1.35 -7.04	29.49 1.24 -9.17	31.59 1.19 -12.65	32.66 1.69 -6.45	42.75 2.38 -8.57	54.91 3.10 -12.07	47.54 3.17 -2.62	44.99 2.65 -4.98	40.88 2.46 -2.29	38.55 1.98 -6.58	33.44 2.30 0.00	31.08 2.25 0.00
MONGAUP___HYD 23641	28.52 0.77 -11.02	27.28 0.47 -16.12	25.82 0.48 -14.18	25.83 0.47 -14.16	26.08 0.47 -14.39	28.00 0.64 -12.54	29.85 0.73 -10.78	28.82 0.46 -17.45	27.59 0.72 -11.12	26.16 0.53 -13.93	26.96 0.72 -8.33	26.95 0.70 -8.27	26.51 0.82 -5.17	26.54 0.72 -6.73	27.73 0.69 -9.29	30.29 1.03 -4.74	39.58 1.49 -6.30	50.44 1.83 -8.87	45.60 1.92 -1.92	42.81 1.79 -3.66	39.51 1.70 -1.68	36.32 1.50 -4.83	32.60 1.46 0.00	30.07 1.24 0.00
MONTAUK___DIESEL 23721	30.95 2.06 -12.17	29.71 1.22 -17.80	28.10 1.28 -15.66	28.08 1.24 -15.63	28.30 1.19 -15.89	30.31 1.63 -13.84	32.30 2.05 -11.91	31.47 1.29 -19.27	30.00 1.95 -12.30	28.49 1.40 -15.39	29.01 1.90 -9.20	29.02 1.91 -9.13	28.54 2.32 -5.71	28.85 2.29 -7.48	30.42 2.36 -10.31	41.16 3.58 -13.06	83.49 4.67 -47.03	195.51 4.81 -150.95	205.10 6.26 -157.08	135.43 5.23 -92.83	104.40 5.13 -63.13	77.35 4.35 -43.01	46.70 4.36 -11.21	32.36 3.49 -0.04
MOONROAD_115KV_HARTFLD_TB1-2 355988	19.94 -0.13 -3.34	15.53 -0.05 -4.89	15.46 0.00 -4.30	15.55 0.04 -4.30	15.66 0.07 -4.37	18.73 0.09 -3.80	21.50 -0.11 -3.27	16.02 -0.19 -5.30	18.76 -0.36 -3.37	15.64 -0.29 -4.23	20.00 -0.45 -2.53	20.00 -0.49 -2.51	21.51 -0.57 -1.57	20.63 -0.50 -2.04	20.18 -0.39 -2.82	25.44 -0.51 -1.44	33.00 -0.70 -1.91	41.48 -0.95 -2.69	41.41 -0.88 -0.53	37.58 -0.90 -1.11	36.03 -0.61 -0.51	31.07 -0.39 -1.47	31.57 0.44 0.00	29.43 0.61 0.00
MORTIMER_115KV_TB3 55949	19.59 0.08 -2.78	14.79 0.04 -4.06	14.79 0.06 -3.57	14.84 0.07 -3.57	14.92 0.07 -3.63	18.04 0.04 -3.16	20.96 -0.09 -2.72	15.18 -0.13 -4.40	18.33 -0.22 -2.80	15.08 -0.13 -3.51	19.91 -0.11 -2.10	19.92 -0.14 -2.08	21.67 -0.14 -1.30	20.67 -0.11 -1.70	19.95 -0.14 -2.34	25.49 -0.22 -1.19	33.00 -0.38 -1.59	41.18 -0.79 -2.23	41.49 -0.75 -0.49	37.54 -0.75 -0.92	35.98 -0.58 -0.42	30.73 -0.48 -1.22	30.67 -0.47 0.00	28.48 -0.35 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	29.88 0.99 -12.17	29.11 0.62 -17.80	27.47 0.65 -15.66	27.46 0.62 -15.63	27.69 0.57 -15.89	29.49 0.82 -13.84	31.22 0.97 -11.91	30.79 0.61 -19.27	28.97 0.94 -12.28	27.81 0.73 -15.39	28.15 1.04 -9.20	28.15 1.04 -9.13	27.50 1.27 -5.71	27.66 1.14 -7.44	29.06 1.05 -10.26	31.20 1.45 -5.23	40.62 1.88 -6.95	51.64 2.11 -9.79	46.17 2.30 -2.12	43.53 2.13 -4.04	40.05 2.06 -1.86	37.16 1.83 -5.34	32.94 1.81 0.00	30.50 1.67 0.00
MUNSVILLE_WIND_PWR 323609	23.06 1.37 -4.97	18.79 0.83 -7.26	18.41 0.86 -6.39	18.53 0.94 -6.38	18.65 0.94 -6.48	21.77 1.29 -5.65	24.66 1.47 -4.86	19.67 0.89 -7.86	21.97 1.21 -5.01	18.80 0.82 -6.28	22.83 1.16 -3.75	22.87 1.17 -3.73	24.12 1.27 -2.33	23.42 1.30 -3.03	23.11 1.17 -4.19	28.50 1.84 -2.13	37.30 2.67 -2.84	47.56 3.82 -4.00	46.45 3.84 -0.86	42.49 3.48 -1.65	40.25 3.36 -0.76	34.87 2.70 -2.18	33.91 2.77 0.00	31.37 2.54 0.00
N SALMON___HYD 24042	15.14 -2.09 -0.51	10.28 -1.15 -0.74	10.56 -1.25 -0.66	10.45 -1.41 -0.65	10.53 -1.36 -0.66	13.54 -1.87 -0.58	17.39 -1.45 -0.50	11.07 -0.64 -0.81	15.05 -1.21 -0.51	11.42 -0.92 -0.64	16.82 -1.49 -0.38	16.96 -1.40 -0.38	18.97 -1.78 -0.24	17.60 -1.79 -0.31	16.51 -1.67 -0.43	22.41 -2.33 -0.22	30.24 -1.84 -0.29	39.52 -0.64 -0.41	41.64 -0.21 -0.09	37.31 -0.22 -0.17	35.05 -1.16 -0.08	28.77 -1.44 -0.22	29.89 -1.25 0.00	28.02 -0.81 0.00

N.AKRON__115KV_KNAPP 355671	19.68 -0.13 -3.08	15.14 -0.06 -4.51	15.08 -0.04 -3.97	15.12 -0.04 -3.96	15.20 -0.04 -4.03	18.22 -0.12 -3.51	20.90 -0.46 -3.02	15.38 -0.41 -4.88	18.21 -0.65 -3.11	15.16 -0.44 -3.90	19.67 -0.57 -2.33	19.66 -0.63 -2.31	21.28 -0.68 -1.45	20.36 -0.61 -1.88	19.76 -0.59 -2.60	24.99 -0.86 -1.33	32.28 -1.27 -1.76	40.16 -2.07 -2.48	40.23 -2.00 -0.48	36.44 -1.94 -1.02	35.37 -1.23 -0.47	30.35 -0.99 -1.35	30.45 -0.69 0.00	28.42 -0.40 0.00
N.BELMOR_69_KV_BK1 55787	30.09 1.19 -12.17	29.17 0.68 -17.80	27.53 0.71 -15.66	27.52 0.68 -15.63	27.75 0.64 -15.89	29.57 0.89 -13.84	31.36 1.12 -11.91	30.89 0.71 -19.27	29.13 1.10 -12.28	27.90 0.81 -15.39	28.19 1.08 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.84 1.32 -7.44	29.40 1.38 -10.26	31.98 2.18 -5.27	41.81 2.77 -7.25	52.12 2.58 -9.79	47.90 3.55 -2.59	45.01 3.18 -4.47	41.55 3.11 -2.32	38.27 2.67 -5.61	33.92 2.71 -0.08	30.79 1.96 0.00
N.E_GEN_SANDY PD 24062	30.78 0.57 -13.48	30.79 0.38 -19.72	28.91 0.40 -17.35	28.92 0.39 -17.32	29.23 0.40 -17.61	30.70 0.53 -15.34	32.19 0.66 -13.19	32.62 0.37 -21.34	29.92 0.57 -13.60	29.18 0.43 -17.04	28.80 0.70 -10.19	28.78 0.68 -10.11	27.60 0.76 -6.33	28.05 0.72 -8.24	29.81 0.69 -11.37	31.37 1.05 -5.80	40.86 1.37 -7.70	52.97 1.75 -11.48	45.94 1.84 -2.35	43.44 1.61 -4.47	39.78 1.59 -2.06	37.22 1.32 -5.91	32.54 1.40 0.00	30.04 1.21 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	29.45 0.92 -11.81	28.55 0.59 -17.27	26.95 0.60 -15.19	26.96 0.58 -15.17	27.19 0.55 -15.42	29.03 0.77 -13.43	30.83 0.94 -11.55	30.18 0.58 -18.69	28.56 0.90 -11.91	27.31 0.68 -14.93	27.83 0.99 -8.92	27.83 0.99 -8.86	27.22 1.17 -5.54	27.37 1.07 -7.22	28.68 0.98 -9.96	30.97 1.37 -5.08	40.35 1.81 -6.75	51.31 2.07 -9.50	46.07 2.25 -2.06	43.37 2.09 -3.92	39.92 1.99 -1.81	36.94 1.77 -5.18	32.85 1.71 0.00	30.38 1.56 0.00
N.QUEENS_27_KV_LOAD 356247	29.90 1.00 -12.17	29.11 0.62 -17.80	27.46 0.65 -15.66	27.48 0.64 -15.63	27.66 0.55 -15.89	29.37 0.70 -13.84	31.05 0.81 -11.91	30.71 0.53 -19.27	28.86 0.83 -12.28	27.78 0.69 -15.39	28.13 1.02 -9.20	28.15 1.04 -9.13	27.58 1.35 -5.71	27.70 1.18 -7.44	28.99 0.98 -10.26	31.05 1.30 -5.23	40.37 1.62 -6.95	51.28 1.75 -9.79	45.84 1.96 -2.12	43.23 1.83 -4.04	39.76 1.77 -1.86	36.95 1.62 -5.34	32.66 1.53 0.00	30.38 1.56 0.00
N.TROY___115KV_TB1 355778	32.05 0.59 -14.74	32.63 0.38 -21.56	30.53 0.40 -18.97	30.53 0.39 -18.94	30.88 0.40 -19.25	32.15 0.55 -16.77	33.44 0.68 -14.42	34.63 0.38 -23.34	31.20 0.58 -14.87	30.77 0.43 -18.64	29.76 0.70 -11.14	29.72 0.68 -11.06	28.19 0.76 -6.92	28.82 0.73 -9.01	30.86 0.67 -12.43	31.89 1.03 -6.34	41.61 1.40 -8.42	53.43 1.83 -11.86	46.20 1.88 -2.57	43.86 1.61 -4.89	39.97 1.59 -2.25	37.74 1.29 -6.47	32.51 1.37 0.00	30.07 1.24 0.00
NARROWS_GT1_1 24228	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.56 0.72 -15.63	27.84 0.73 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.07 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.18 -9.79	46.30 2.42 -2.12	43.64 2.24 -4.04	40.16 2.17 -1.86	37.37 2.04 -5.34	33.16 2.02 0.00	30.73 1.90 0.00
NARROWS_GT1_2 24229	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.56 0.72 -15.63	27.84 0.73 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.07 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.18 -9.79	46.30 2.42 -2.12	43.64 2.24 -4.04	40.16 2.17 -1.86	37.37 2.04 -5.34	33.16 2.02 0.00	30.73 1.90 0.00
NARROWS_GT1_3 24230	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.56 0.72 -15.63	27.84 0.73 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.07 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.18 -9.79	46.30 2.42 -2.12	43.64 2.24 -4.04	40.16 2.17 -1.86	37.37 2.04 -5.34	33.16 2.02 0.00	30.73 1.90 0.00
NARROWS_GT1_4 24231	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.56 0.72 -15.63	27.84 0.73 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.07 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.18 -9.79	46.30 2.42 -2.12	43.64 2.24 -4.04	40.16 2.17 -1.86	37.37 2.04 -5.34	33.16 2.02 0.00	30.73 1.90 0.00
NARROWS_GT1_5 24232	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.56 0.72 -15.63	27.84 0.73 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.07 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.18 -9.79	46.30 2.42 -2.12	43.64 2.24 -4.04	40.16 2.17 -1.86	37.37 2.04 -5.34	33.16 2.02 0.00	30.73 1.90 0.00
NARROWS_GT1_6 24233	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.56 0.72 -15.63	27.84 0.73 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.07 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.18 -9.79	46.30 2.42 -2.12	43.64 2.24 -4.04	40.16 2.17 -1.86	37.37 2.04 -5.34	33.16 2.02 0.00	30.73 1.90 0.00
NARROWS_GT1_7 24234	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.56 0.72 -15.63	27.84 0.73 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.07 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.18 -9.79	46.30 2.42 -2.12	43.64 2.24 -4.04	40.16 2.17 -1.86	37.37 2.04 -5.34	33.16 2.02 0.00	30.73 1.90 0.00
NARROWS_GT1_8 24235	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.56 0.72 -15.63	27.84 0.73 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.07 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.18 -9.79	46.30 2.42 -2.12	43.64 2.24 -4.04	40.16 2.17 -1.86	37.37 2.04 -5.34	33.16 2.02 0.00	30.73 1.90 0.00
NARROWS_GT2_1 24236	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.56 0.72 -15.63	27.84 0.73 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.07 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.18 -9.79	46.30 2.42 -2.12	43.64 2.24 -4.04	40.16 2.17 -1.86	37.37 2.04 -5.34	33.16 2.02 0.00	30.73 1.90 0.00

NARROWS_GT2_2 24237	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.56 0.72 -15.63	27.84 0.73 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.07 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.18 -9.79	46.30 2.42 -2.12	43.64 2.24 -4.04	40.16 2.17 -1.86	37.37 2.04 -5.34	33.16 2.02 0.00	30.73 1.90 0.00
NARROWS_GT2_3 24238	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.56 0.72 -15.63	27.84 0.73 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.07 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.18 -9.79	46.30 2.42 -2.12	43.64 2.24 -4.04	40.16 2.17 -1.86	37.37 2.04 -5.34	33.16 2.02 0.00	30.73 1.90 0.00
NARROWS_GT2_4 24239	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.56 0.72 -15.63	27.84 0.73 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.07 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.18 -9.79	46.30 2.42 -2.12	43.64 2.24 -4.04	40.16 2.17 -1.86	37.37 2.04 -5.34	33.16 2.02 0.00	30.73 1.90 0.00
NARROWS_GT2_5 24240	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.56 0.72 -15.63	27.84 0.73 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.07 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.18 -9.79	46.30 2.42 -2.12	43.64 2.24 -4.04	40.16 2.17 -1.86	37.37 2.04 -5.34	33.16 2.02 0.00	30.73 1.90 0.00
NARROWS_GT2_6 24241	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.56 0.72 -15.63	27.84 0.73 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.07 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.18 -9.79	46.30 2.42 -2.12	43.64 2.24 -4.04	40.16 2.17 -1.86	37.37 2.04 -5.34	33.16 2.02 0.00	30.73 1.90 0.00
NARROWS_GT2_7 24242	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.56 0.72 -15.63	27.84 0.73 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.07 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.18 -9.79	46.30 2.42 -2.12	43.64 2.24 -4.04	40.16 2.17 -1.86	37.37 2.04 -5.34	33.16 2.02 0.00	30.73 1.90 0.00
NARROWS_GT2_8 24243	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.56 0.72 -15.63	27.84 0.73 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.07 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.18 -9.79	46.30 2.42 -2.12	43.64 2.24 -4.04	40.16 2.17 -1.86	37.37 2.04 -5.34	33.16 2.02 0.00	30.73 1.90 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	31.39 0.82 -13.85	31.45 0.51 -20.25	29.50 0.52 -17.82	29.51 0.52 -17.79	29.87 0.57 -18.08	31.34 0.76 -15.75	32.74 0.86 -13.55	33.35 0.52 -21.92	30.52 0.80 -13.97	29.74 0.54 -17.50	29.13 0.75 -10.46	29.09 0.72 -10.39	27.85 0.84 -6.50	28.29 0.74 -8.46	30.15 0.73 -11.68	31.67 1.20 -5.95	41.80 2.10 -7.91	53.71 2.82 -11.14	47.09 2.92 -2.41	44.42 2.47 -4.59	40.60 2.35 -2.12	37.89 1.83 -6.07	32.91 1.77 0.00	30.41 1.59 0.00
NCHELSEA_115KV_TR2 355582	29.75 0.89 -12.14	29.00 0.56 -17.76	27.36 0.58 -15.62	27.36 0.56 -15.60	27.61 0.54 -15.86	29.40 0.76 -13.81	31.10 0.88 -11.88	30.68 0.55 -19.22	28.86 0.87 -12.25	27.70 0.64 -15.35	28.02 0.93 -9.17	28.01 0.92 -9.11	27.28 1.07 -5.70	27.46 0.95 -7.42	28.89 0.91 -10.24	31.06 1.32 -5.22	40.57 1.84 -6.94	51.70 2.19 -9.77	46.29 2.42 -2.12	43.52 2.13 -4.03	40.05 2.06 -1.86	37.08 1.77 -5.33	32.85 1.71 0.00	30.36 1.53 0.00
NEG CAPITAL___MECHNVIL 23645	32.52 0.89 -14.91	33.07 0.58 -21.81	30.93 0.59 -19.19	30.94 0.58 -19.15	31.31 0.62 -19.47	32.61 0.82 -16.96	33.93 1.01 -14.59	35.10 0.59 -23.60	31.67 0.88 -15.04	31.18 0.63 -18.85	30.17 0.98 -11.27	30.15 0.99 -11.19	28.60 1.09 -7.00	29.20 1.01 -9.11	31.28 0.96 -12.57	32.35 1.42 -6.41	42.35 2.04 -8.52	54.40 2.66 -12.00	47.03 2.67 -2.60	44.63 2.32 -4.95	40.58 2.17 -2.28	38.30 1.77 -6.54	33.04 1.90 0.00	30.56 1.73 0.00
NEG CENTRAL_HIGH_ACRES 23767	19.21 -0.25 -2.73	14.51 -0.17 -3.99	14.50 -0.17 -3.51	14.54 -0.17 -3.51	14.62 -0.17 -3.56	17.70 -0.24 -3.11	20.60 -0.40 -2.67	14.94 -0.29 -4.32	18.06 -0.44 -2.75	14.84 -0.32 -3.45	19.57 -0.41 -2.06	19.61 -0.41 -2.05	21.32 -0.47 -1.28	20.33 -0.42 -1.67	19.64 -0.41 -2.30	25.11 -0.59 -1.17	32.68 -0.67 -1.56	40.99 -0.95 -2.20	41.19 -1.04 -0.48	37.34 -0.93 -0.91	35.79 -0.76 -0.42	30.50 -0.69 -1.20	30.33 -0.81 0.00	28.19 -0.63 0.00
NEG CENTRAL___DRP 24199	19.76 0.20 -2.83	14.92 0.10 -4.14	14.91 0.11 -3.64	14.96 0.12 -3.64	15.04 0.12 -3.70	18.23 0.18 -3.22	21.27 0.17 -2.77	15.47 0.08 -4.48	18.68 0.08 -2.86	15.33 0.05 -3.58	20.15 0.09 -2.14	20.19 0.09 -2.12	21.94 0.10 -1.33	20.91 0.10 -1.73	20.24 0.11 -2.39	25.88 0.15 -1.22	33.60 0.19 -1.62	42.10 0.08 -2.28	42.25 0.00 -0.49	38.49 0.19 -0.94	36.82 0.25 -0.43	31.38 0.15 -1.24	31.36 0.22 0.00	29.03 0.20 0.00
NEG CENTRAL___INDECK 23768	20.66 0.55 -3.38	15.95 0.32 -4.94	15.86 0.36 -4.35	15.92 0.37 -4.34	16.00 0.37 -4.41	19.15 0.47 -3.84	22.10 0.46 -3.31	16.48 0.22 -5.35	19.36 0.20 -3.41	16.08 0.11 -4.27	20.65 0.18 -2.55	20.64 0.13 -2.54	22.22 0.12 -1.59	21.28 0.13 -2.07	20.72 0.13 -2.85	26.22 0.25 -1.45	34.42 0.70 -1.93	43.50 1.03 -2.72	43.58 1.25 -0.57	39.61 1.12 -1.12	37.95 1.30 -0.52	32.40 0.93 -1.48	32.01 0.87 0.00	29.75 0.92 0.00
NEG CENTRAL___SENECA 23627	20.02 0.28 -3.01	15.25 0.16 -4.40	15.21 0.18 -3.87	15.25 0.18 -3.87	15.34 0.19 -3.93	18.52 0.27 -3.42	21.54 0.26 -2.95	15.81 0.13 -4.77	18.91 0.13 -3.04	15.60 0.09 -3.81	20.35 0.16 -2.28	20.38 0.14 -2.26	22.09 0.16 -1.41	21.08 0.15 -1.84	20.45 0.16 -2.54	26.04 0.22 -1.29	33.83 0.32 -1.72	42.37 0.20 -2.42	42.36 0.08 -0.53	38.74 0.37 -1.00	37.06 0.47 -0.46	31.61 0.30 -1.32	31.57 0.44 0.00	29.23 0.40 0.00
NEG CENTRAL___STATE_STREET 24147	19.71 0.20 -2.79	14.87 0.11 -4.08	14.85 0.11 -3.59	14.91 0.12 -3.58	14.99 0.13 -3.64	18.19 0.19 -3.17	21.26 0.20 -2.73	15.44 0.12 -4.41	18.72 0.16 -2.81	15.33 0.11 -3.52	20.20 0.18 -2.11	20.25 0.18 -2.09	22.05 0.23 -1.31	21.01 0.23 -1.70	20.31 0.21 -2.35	25.99 0.27 -1.20	33.73 0.35 -1.59	42.38 0.40 -2.24	42.83 0.58 -0.49	38.62 0.34 -0.92	36.95 0.40 -0.43	31.48 0.27 -1.22	31.42 0.28 0.00	29.06 0.23 0.00

NEG MILLWOOD___DRP 24198	29.97 0.99 -12.26	29.23 0.62 -17.92	27.58 0.65 -15.77	27.58 0.63 -15.74	27.82 0.59 -16.00	29.60 0.83 -13.94	31.32 0.99 -11.99	30.92 0.61 -19.40	29.09 0.98 -12.36	27.93 0.74 -15.49	28.25 1.08 -9.26	28.24 1.06 -9.19	27.50 1.23 -5.75	27.68 1.11 -7.49	29.11 1.03 -10.34	31.29 1.50 -5.27	40.80 2.00 -7.00	51.99 2.38 -9.86	46.56 2.67 -2.14	43.82 2.39 -4.07	40.32 2.31 -1.87	37.31 1.95 -5.38	33.04 1.90 0.00	30.50 1.67 0.00
NEG NORTH_FLCN_SEA 23793	15.11 -2.07 -0.46	10.21 -1.15 -0.67	10.50 -1.25 -0.59	10.37 -1.42 -0.59	10.46 -1.36 -0.60	13.48 -1.87 -0.52	17.32 -1.47 -0.45	10.97 -0.67 -0.73	14.97 -1.24 -0.46	11.33 -0.95 -0.58	16.76 -1.51 -0.35	16.89 -1.44 -0.34	18.90 -1.83 -0.22	17.53 -1.83 -0.28	16.45 -1.69 -0.39	22.36 -2.35 -0.20	30.21 -1.84 -0.26	39.48 -0.64 -0.37	41.58 -0.25 -0.08	37.25 -0.26 -0.15	35.08 -1.12 -0.07	28.78 -1.41 -0.20	29.52 -1.62 0.00	27.67 -1.15 0.00
NEG NORTH_KES_CHATEGAY 23792	14.94 -2.26 -0.47	10.11 -1.27 -0.69	10.39 -1.37 -0.61	10.28 -1.54 -0.61	10.37 -1.47 -0.62	13.35 -2.02 -0.54	17.15 -1.65 -0.46	10.88 -0.77 -0.75	14.84 -1.39 -0.48	11.23 -1.06 -0.60	16.61 -1.67 -0.36	16.73 -1.60 -0.35	18.72 -2.01 -0.22	17.37 -2.00 -0.29	16.30 -1.85 -0.40	22.15 -2.57 -0.20	29.90 -2.16 -0.27	39.05 -1.07 -0.38	41.13 -0.71 -0.08	36.85 -0.67 -0.16	34.69 -1.52 -0.07	28.49 -1.71 -0.21	29.18 -1.96 0.00	27.36 -1.47 0.00
NEG NORTH___ALICE_FALLS 23915	15.10 -2.09 -0.46	10.21 -1.15 -0.67	10.50 -1.25 -0.59	10.38 -1.42 -0.59	10.47 -1.36 -0.60	13.49 -1.87 -0.52	17.32 -1.47 -0.45	10.99 -0.65 -0.73	14.99 -1.23 -0.47	11.35 -0.94 -0.58	16.78 -1.49 -0.35	16.91 -1.42 -0.35	18.92 -1.81 -0.22	17.55 -1.81 -0.28	16.47 -1.67 -0.39	22.39 -2.33 -0.20	30.27 -1.78 -0.26	39.60 -0.52 -0.37	41.75 -0.08 -0.08	37.40 -0.11 -0.15	35.15 -1.05 -0.07	28.81 -1.38 -0.20	29.55 -1.59 0.00	27.73 -1.10 0.00
NEG NORTH___LWR_SARANAC 23913	15.10 -2.09 -0.46	10.21 -1.15 -0.67	10.50 -1.25 -0.59	10.38 -1.42 -0.59	10.47 -1.36 -0.60	13.49 -1.87 -0.52	17.32 -1.47 -0.45	10.99 -0.65 -0.73	14.99 -1.23 -0.47	11.35 -0.94 -0.58	16.78 -1.49 -0.35	16.91 -1.42 -0.35	18.92 -1.81 -0.22	17.55 -1.81 -0.28	16.47 -1.67 -0.39	22.39 -2.33 -0.20	30.27 -1.78 -0.26	39.60 -0.52 -0.37	41.75 -0.08 -0.08	37.40 -0.11 -0.15	35.15 -1.05 -0.07	28.81 -1.38 -0.20	29.55 -1.59 0.00	27.73 -1.10 0.00
NEG NORTH___PLATTSBURG 23628	15.10 -2.09 -0.46	10.21 -1.15 -0.67	10.50 -1.25 -0.59	10.37 -1.42 -0.59	10.47 -1.36 -0.60	13.49 -1.87 -0.52	17.32 -1.47 -0.45	10.99 -0.65 -0.73	14.99 -1.23 -0.47	11.35 -0.94 -0.58	16.78 -1.49 -0.35	16.91 -1.42 -0.35	18.92 -1.81 -0.22	17.55 -1.81 -0.28	16.47 -1.67 -0.39	22.39 -2.33 -0.20	30.24 -1.81 -0.26	39.60 -0.52 -0.37	41.75 -0.08 -0.08	37.41 -0.11 -0.15	35.12 -1.08 -0.07	28.81 -1.38 -0.20	29.95 -1.18 0.00	28.11 -0.72 0.00
NEG WEST_LEA_LOCKPORT 23791	19.53 -0.30 -3.10	15.05 -0.17 -4.53	15.00 -0.15 -3.99	15.04 -0.15 -3.98	15.12 -0.15 -4.05	18.11 -0.25 -3.53	20.73 -0.64 -3.03	15.29 -0.52 -4.91	18.06 -0.82 -3.13	15.05 -0.57 -3.92	19.49 -0.77 -2.34	19.50 -0.81 -2.33	21.09 -0.88 -1.45	20.18 -0.80 -1.89	19.60 -0.76 -2.61	24.73 -1.13 -1.33	31.88 -1.68 -1.77	39.62 -2.62 -2.49	39.65 -2.59 -0.48	35.89 -2.50 -1.03	34.55 -2.06 -0.47	29.76 -1.59 -1.36	29.92 -1.21 0.00	27.96 -0.86 0.00
NEG WEST___LANCASTR 23811	19.53 -0.54 -3.33	15.25 -0.32 -4.88	15.14 -0.31 -4.29	15.19 -0.30 -4.28	15.27 -0.30 -4.35	18.18 -0.44 -3.79	20.81 -0.79 -3.26	15.62 -0.57 -5.28	18.23 -0.88 -3.36	15.29 -0.63 -4.22	19.54 -0.90 -2.52	19.53 -0.95 -2.50	21.01 -1.07 -1.57	20.15 -0.97 -2.04	19.64 -0.92 -2.81	24.61 -1.35 -1.43	31.76 -1.94 -1.91	39.72 -2.70 -2.68	39.61 -2.67 -0.53	35.85 -2.62 -1.11	34.33 -2.31 -0.51	29.65 -1.80 -1.46	30.79 -0.34 0.00	28.71 -0.12 0.00
NEG_PENN_ALLEGHNY 23528	22.26 0.30 -5.24	18.53 0.18 -7.66	18.10 0.20 -6.74	18.14 0.21 -6.73	18.26 0.20 -6.84	21.05 0.27 -5.96	23.74 0.28 -5.12	19.35 0.15 -8.29	21.24 0.20 -5.28	18.47 0.15 -6.62	22.11 0.23 -3.96	22.14 0.23 -3.93	23.26 0.29 -2.46	22.55 0.27 -3.20	22.41 0.25 -4.42	27.09 0.32 -2.25	35.26 0.48 -2.99	44.51 0.56 -4.21	43.20 0.54 -0.90	39.59 0.48 -1.74	37.47 0.54 -0.80	32.74 0.45 -2.30	31.57 0.44 0.00	29.20 0.37 0.00
NEG___GEN_MONROE 24207	19.69 0.18 -2.78	14.87 0.12 -4.06	14.88 0.15 -3.57	14.92 0.15 -3.57	14.98 0.13 -3.63	18.14 0.15 -3.16	21.07 0.02 -2.72	15.24 -0.07 -4.40	18.41 -0.14 -2.80	15.13 -0.08 -3.51	19.98 -0.04 -2.10	19.99 -0.07 -2.08	21.73 -0.08 -1.30	20.68 -0.10 -1.70	19.95 -0.14 -2.34	25.49 -0.22 -1.19	33.09 -0.29 -1.59	41.26 -0.72 -2.23	41.57 -0.67 -0.49	37.61 -0.67 -0.92	35.87 -0.69 -0.42	30.61 -0.60 -1.22	30.64 -0.50 0.00	28.57 -0.26 0.00
NEPA___ENERGY 23901	20.10 0.00 -3.38	15.66 0.03 -4.94	15.56 0.06 -4.35	15.61 0.07 -4.34	15.70 0.07 -4.41	18.73 0.06 -3.84	21.48 -0.17 -3.30	16.06 -0.20 -5.35	18.79 -0.36 -3.41	15.73 -0.25 -4.27	20.16 -0.30 -2.55	20.15 -0.36 -2.53	21.71 -0.39 -1.58	20.80 -0.34 -2.06	20.26 -0.34 -2.85	25.43 -0.54 -1.45	32.80 -0.92 -1.93	41.03 -1.43 -2.72	40.91 -1.38 -0.54	37.06 -1.42 -1.12	35.49 -1.16 -0.52	30.63 -0.84 -1.48	31.11 -0.03 0.00	28.97 0.14 0.00
NEVERSINK___HYD 23608	28.39 0.64 -11.03	27.20 0.38 -16.13	25.75 0.40 -14.19	25.76 0.39 -14.17	26.02 0.39 -14.40	27.91 0.53 -12.55	29.71 0.59 -10.79	28.75 0.38 -17.46	27.49 0.61 -11.13	26.10 0.46 -13.94	26.84 0.59 -8.33	26.81 0.56 -8.27	26.37 0.68 -5.18	26.39 0.57 -6.74	27.62 0.57 -9.30	30.12 0.86 -4.74	39.43 1.33 -6.30	50.21 1.59 -8.87	45.43 1.75 -1.92	42.63 1.61 -3.66	39.33 1.52 -1.69	36.14 1.32 -4.84	32.38 1.25 0.00	29.84 1.01 0.00
NEWKRMKL_115KV_TB1 55635	31.65 0.27 -14.65	32.29 0.17 -21.43	30.19 0.18 -18.86	30.21 0.18 -18.82	30.55 0.19 -19.14	31.75 0.25 -16.67	32.97 0.29 -14.34	34.28 0.17 -23.20	30.83 0.30 -14.78	30.45 0.22 -18.53	29.35 0.36 -11.07	29.33 0.36 -10.99	27.82 0.43 -6.88	28.44 0.40 -8.95	30.46 0.35 -12.36	31.36 0.54 -6.30	40.96 0.79 -8.37	52.53 0.99 -11.79	45.35 1.04 -2.56	43.12 0.90 -4.86	39.24 0.87 -2.24	37.11 0.69 -6.43	31.85 0.72 0.00	29.46 0.63 0.00
NEWTON___FALLS_HYD 23847	16.23 -1.32 -0.82	11.15 -0.75 -1.21	11.40 -0.81 -1.06	11.38 -0.89 -1.06	11.46 -0.84 -1.08	14.63 -1.14 -0.94	18.19 -0.95 -0.81	11.78 -0.44 -1.31	15.76 -0.82 -0.83	12.10 -0.64 -1.04	17.48 -1.06 -0.62	17.59 -1.01 -0.62	19.63 -1.27 -0.39	18.37 -1.22 -0.50	17.31 -1.14 -0.70	23.36 -1.52 -0.35	31.02 -1.24 -0.47	39.97 -0.44 -0.66	41.65 -0.25 -0.14	37.38 -0.26 -0.27	35.46 -0.79 -0.13	29.36 -0.99 -0.36	29.95 -1.18 0.00	27.91 -0.92 0.00
NGRID_A1_DSASP 323792	19.34 -0.50 -3.12	14.97 -0.28 -4.56	14.93 -0.23 -4.01	14.94 -0.27 -4.00	15.01 -0.28 -4.07	17.94 -0.43 -3.54	20.45 -0.93 -3.05	15.13 -0.71 -4.93	17.82 -1.07 -3.14	14.88 -0.76 -3.94	19.27 -1.00 -2.35	19.27 -1.04 -2.34	20.79 -1.19 -1.46	19.92 -1.07 -1.90	19.37 -1.01 -2.63	24.34 -1.52 -1.34	31.73 -1.84 -1.78	39.63 -2.62 -2.51	39.52 -2.71 -0.47	35.82 -2.58 -1.03	34.47 -2.13 -0.47	29.58 -1.77 -1.36	29.30 -1.84 0.00	27.47 -1.35 0.00

NGRID_A2_DSASP 323793	19.34 -0.50 -3.12	14.97 -0.28 -4.56	14.93 -0.23 -4.01	14.94 -0.27 -4.00	15.01 -0.28 -4.07	17.94 -0.43 -3.54	20.45 -0.93 -3.05	15.13 -0.71 -4.93	17.82 -1.07 -3.14	14.88 -0.76 -3.94	19.27 -1.00 -2.35	19.27 -1.04 -2.34	20.79 -1.19 -1.46	19.92 -1.07 -1.90	19.37 -1.01 -2.63	24.34 -1.52 -1.34	31.73 -1.84 -1.78	39.63 -2.62 -2.51	39.52 -2.71 -0.47	35.82 -2.58 -1.03	34.47 -2.13 -0.47	29.58 -1.77 -1.36	29.30 -1.84 0.00	27.47 -1.35 0.00
NGRID_A4_DSASP 323807	19.34 -0.50 -3.12	14.97 -0.28 -4.56	14.93 -0.23 -4.01	14.94 -0.27 -4.00	15.01 -0.28 -4.07	17.94 -0.43 -3.54	20.45 -0.93 -3.05	15.13 -0.71 -4.93	17.82 -1.07 -3.14	14.88 -0.76 -3.94	19.27 -1.00 -2.35	19.27 -1.04 -2.34	20.79 -1.19 -1.46	19.92 -1.07 -1.90	19.37 -1.01 -2.63	24.34 -1.52 -1.34	31.73 -1.84 -1.78	39.63 -2.62 -2.51	39.52 -2.71 -0.47	35.82 -2.58 -1.03	34.47 -2.13 -0.47	29.58 -1.77 -1.36	29.30 -1.84 0.00	27.47 -1.35 0.00
NIAGARA_115E_LBMP 323715	19.30 -0.55 -3.12	14.93 -0.33 -4.57	14.86 -0.31 -4.02	14.90 -0.31 -4.01	14.97 -0.33 -4.08	17.91 -0.48 -3.55	20.46 -0.93 -3.06	15.16 -0.70 -4.95	17.83 -1.07 -3.15	14.89 -0.76 -3.95	19.22 -1.06 -2.36	19.24 -1.08 -2.34	20.79 -1.19 -1.47	19.88 -1.11 -1.91	19.32 -1.06 -2.63	24.37 -1.50 -1.34	31.70 -1.88 -1.78	39.63 -2.62 -2.51	39.56 -2.67 -0.48	35.90 -2.50 -1.04	34.55 -2.06 -0.47	29.64 -1.71 -1.36	29.36 -1.77 0.00	27.50 -1.33 0.00
NIAGARA_115W_LBMP 323714	19.30 -0.54 -3.11	14.94 -0.30 -4.55	14.90 -0.27 -4.01	14.91 -0.29 -4.00	14.98 -0.30 -4.07	17.90 -0.48 -3.54	20.39 -0.99 -3.04	15.10 -0.74 -4.93	17.77 -1.12 -3.14	14.84 -0.80 -3.94	19.21 -1.06 -2.35	19.22 -1.10 -2.34	20.74 -1.23 -1.46	19.86 -1.13 -1.90	19.31 -1.06 -2.63	24.29 -1.57 -1.34	31.63 -1.94 -1.78	39.55 -2.70 -2.50	39.39 -2.84 -0.47	35.71 -2.69 -1.03	34.36 -2.24 -0.47	29.52 -1.83 -1.36	29.24 -1.90 0.00	27.42 -1.41 0.00
NIAGARA_230_LBMP 323716	19.43 -0.38 -3.09	15.00 -0.21 -4.52	14.94 -0.19 -3.98	14.97 -0.20 -3.97	15.04 -0.21 -4.04	18.02 -0.33 -3.52	20.64 -0.72 -3.02	15.24 -0.57 -4.89	18.00 -0.87 -3.12	15.00 -0.61 -3.91	19.43 -0.82 -2.34	19.44 -0.86 -2.32	21.00 -0.96 -1.45	20.09 -0.88 -1.89	19.52 -0.83 -2.61	24.60 -1.25 -1.33	32.03 -1.53 -1.77	40.01 -2.22 -2.49	39.92 -2.30 -0.46	36.22 -2.17 -1.03	34.83 -1.77 -0.47	29.90 -1.44 -1.35	29.64 -1.49 0.00	27.76 -1.07 0.00
NIAGARA__115KV_198_GIBSON 55903	19.30 -0.54 -3.11	14.94 -0.30 -4.55	14.90 -0.27 -4.01	14.91 -0.29 -4.00	14.99 -0.29 -4.07	17.90 -0.47 -3.54	20.39 -0.99 -3.05	15.10 -0.74 -4.93	17.77 -1.12 -3.14	14.84 -0.80 -3.94	19.21 -1.06 -2.35	19.22 -1.10 -2.34	20.74 -1.23 -1.46	19.86 -1.13 -1.90	19.31 -1.06 -2.63	24.29 -1.57 -1.34	31.25 -2.32 -1.78	38.83 -3.42 -2.50	38.76 -3.47 -0.47	35.07 -3.33 -1.03	33.72 -2.89 -0.48	29.08 -2.28 -1.37	29.14 -1.99 0.00	27.27 -1.56 0.00
NIAGARA____ 23760	19.46 -0.38 -3.12	15.04 -0.21 -4.56	14.98 -0.19 -4.01	15.01 -0.20 -4.01	15.08 -0.21 -4.07	18.05 -0.33 -3.55	20.67 -0.72 -3.05	15.27 -0.57 -4.93	18.02 -0.87 -3.14	15.03 -0.61 -3.93	19.44 -0.82 -2.35	19.45 -0.86 -2.33	21.01 -0.96 -1.46	20.11 -0.88 -1.90	19.54 -0.83 -2.62	24.61 -1.25 -1.34	32.04 -1.53 -1.77	40.02 -2.22 -2.50	39.93 -2.30 -0.47	36.23 -2.17 -1.03	34.83 -1.77 -0.47	29.91 -1.44 -1.36	29.64 -1.49 0.00	27.76 -1.07 0.00
NINE_MILE_1 23575	18.26 -0.33 -1.86	13.19 -0.22 -2.73	13.32 -0.23 -2.40	13.38 -0.22 -2.40	13.42 -0.24 -2.44	16.64 -0.31 -2.12	19.76 -0.40 -1.82	13.61 -0.25 -2.95	17.25 -0.38 -1.88	13.79 -0.27 -2.36	18.92 -0.41 -1.41	18.97 -0.41 -1.40	20.92 -0.47 -0.88	19.80 -0.42 -1.14	18.93 -0.39 -1.57	24.73 -0.59 -0.80	31.97 -0.89 -1.07	40.05 -1.19 -1.50	40.79 -1.29 -0.33	36.82 -1.16 -0.62	35.33 -1.08 -0.29	29.94 -0.87 -0.82	30.20 -0.93 0.00	27.99 -0.84 0.00
NINE_MILE_2 23744	18.25 -0.33 -1.86	13.18 -0.22 -2.72	13.31 -0.23 -2.39	13.37 -0.22 -2.39	13.41 -0.24 -2.43	16.65 -0.30 -2.11	19.75 -0.40 -1.82	13.60 -0.25 -2.94	17.25 -0.38 -1.88	13.78 -0.27 -2.35	18.91 -0.41 -1.40	18.96 -0.41 -1.39	20.93 -0.45 -0.87	19.80 -0.42 -1.14	18.93 -0.39 -1.57	24.73 -0.59 -0.80	31.96 -0.89 -1.06	40.05 -1.19 -1.50	40.78 -1.29 -0.32	36.82 -1.16 -0.62	35.33 -1.08 -0.28	29.93 -0.87 -0.82	30.20 -0.93 0.00	27.99 -0.84 0.00
NM_CAPITAL____DRP 24208	31.64 0.30 -14.61	32.27 0.20 -21.37	30.18 0.21 -18.81	30.18 0.20 -18.77	30.52 0.21 -19.08	31.74 0.28 -16.62	32.98 0.35 -14.30	34.24 0.20 -23.14	30.82 0.33 -14.74	30.42 0.25 -18.48	29.35 0.39 -11.04	29.34 0.40 -10.96	27.84 0.47 -6.86	28.45 0.44 -8.93	30.46 0.39 -12.32	31.42 0.61 -6.28	41.00 0.86 -8.35	52.62 1.11 -11.76	45.43 1.13 -2.55	43.18 0.97 -4.85	39.30 0.94 -2.23	37.18 0.78 -6.41	31.95 0.81 0.00	29.55 0.72 0.00
NM_CENTRAL____DRP 24181	19.03 0.02 -2.28	14.02 -0.01 -3.34	14.09 -0.01 -2.94	14.14 0.00 -2.93	14.20 0.00 -2.98	17.43 0.00 -2.60	20.53 -0.04 -2.24	14.49 -0.03 -3.62	17.99 -0.06 -2.30	14.54 -0.05 -2.89	19.59 -0.05 -1.73	19.64 -0.05 -1.71	21.54 -0.04 -1.07	20.46 -0.02 -1.40	19.66 -0.02 -1.93	25.43 -0.07 -0.98	32.91 -0.19 -1.31	41.18 -0.40 -1.84	41.65 -0.50 -0.40	37.67 -0.45 -0.76	36.19 -0.29 -0.35	30.78 -0.21 -1.00	30.92 -0.22 0.00	28.63 -0.20 0.00
NM_FRONTIER____DRP 24179	19.30 -0.54 -3.11	14.94 -0.30 -4.55	14.90 -0.27 -4.01	14.91 -0.29 -4.00	14.99 -0.29 -4.07	17.90 -0.47 -3.54	20.39 -0.99 -3.05	15.10 -0.74 -4.93	17.77 -1.12 -3.14	14.84 -0.80 -3.94	19.21 -1.06 -2.35	19.22 -1.10 -2.34	20.74 -1.23 -1.46	19.86 -1.13 -1.90	19.31 -1.06 -2.63	24.29 -1.57 -1.34	31.25 -2.32 -1.78	38.83 -3.42 -2.50	38.76 -3.47 -0.47	35.07 -3.33 -1.03	33.72 -2.89 -0.48	29.08 -2.28 -1.37	29.14 -1.99 0.00	27.27 -1.56 0.00
NM_ST_REGIS____HYD 24053	15.33 -1.99 -0.59	10.46 -1.10 -0.87	10.73 -1.19 -0.77	10.64 -1.33 -0.76	10.72 -1.28 -0.78	13.74 -1.76 -0.68	17.54 -1.38 -0.58	11.23 -0.62 -0.94	15.18 -1.17 -0.60	11.56 -0.89 -0.75	16.93 -1.43 -0.45	17.08 -1.35 -0.45	19.09 -1.70 -0.28	17.73 -1.72 -0.36	16.67 -1.58 -0.50	22.59 -2.18 -0.26	30.38 -1.75 -0.34	39.59 -0.64 -0.48	41.52 -0.33 -0.10	37.26 -0.30 -0.20	35.10 -1.12 -0.09	28.87 -1.38 -0.26	29.52 -1.62 0.00	27.62 -1.21 0.00
NORTHPORT____1 23551	30.17 1.27 -12.17	29.22 0.73 -17.80	27.59 0.77 -15.66	27.59 0.75 -15.63	27.84 0.73 -15.89	29.61 0.93 -13.84	31.46 1.21 -11.91	30.95 0.77 -19.27	29.21 1.18 -12.28	27.96 0.87 -15.39	28.23 1.11 -9.20	28.17 1.06 -9.13	27.60 1.37 -5.71	27.91 1.39 -7.44	29.52 1.51 -10.26	32.07 2.25 -5.29	41.94 2.86 -7.29	52.12 2.58 -9.79	48.04 3.63 -2.65	44.88 2.99 -4.52	41.54 3.04 -2.37	38.37 2.73 -5.65	33.90 2.68 -0.09	30.90 2.08 0.00
NORTHPORT____2 23552	30.17 1.27 -12.17	29.22 0.73 -17.80	27.59 0.77 -15.66	27.59 0.75 -15.63	27.84 0.73 -15.89	29.61 0.93 -13.84	31.46 1.21 -11.91	30.95 0.77 -19.27	29.21 1.18 -12.28	27.96 0.87 -15.39	28.23 1.11 -9.20	28.17 1.06 -9.13	27.60 1.37 -5.71	27.91 1.39 -7.44	29.52 1.51 -10.26	32.07 2.25 -5.29	41.94 2.86 -7.29	52.12 2.58 -9.79	48.04 3.63 -2.65	44.88 2.99 -4.52	41.54 3.04 -2.37	38.37 2.73 -5.65	33.90 2.68 -0.09	30.90 2.08 0.00

NORTHPORT___3 23553	30.07 1.17 -12.17	29.15 0.66 -17.80	27.53 0.71 -15.66	27.52 0.68 -15.63	27.79 0.67 -15.89	29.54 0.86 -13.84	31.35 1.10 -11.91	30.88 0.70 -19.27	29.11 1.09 -12.28	27.89 0.80 -15.39	28.15 1.04 -9.20	28.13 1.02 -9.13	27.52 1.29 -5.71	27.82 1.30 -7.44	29.40 1.39 -10.26	32.33 2.43 -5.38	42.72 3.15 -7.78	45.16 3.02 -2.40	44.58 4.18 1.35	44.58 3.59 -3.63	42.77 3.50 -3.14	39.17 3.06 -6.12	34.44 3.08 -0.22	30.76 1.93 0.00
NORTHPORT___4 23650	30.07 1.17 -12.17	29.15 0.66 -17.80	27.53 0.71 -15.66	27.52 0.68 -15.63	27.79 0.67 -15.89	29.54 0.86 -13.84	31.35 1.10 -11.91	30.88 0.70 -19.27	29.11 1.09 -12.28	27.89 0.80 -15.39	28.15 1.04 -9.20	28.13 1.02 -9.13	27.52 1.29 -5.71	27.82 1.30 -7.44	29.40 1.39 -10.26	32.33 2.43 -5.38	42.72 3.15 -7.78	45.16 3.02 -2.40	44.58 4.18 1.35	44.58 3.59 -3.63	42.77 3.50 -3.14	39.17 3.06 -6.12	34.44 3.08 -0.22	30.76 1.93 0.00
NORTHPORT___IC 23718	30.17 1.27 -12.17	29.22 0.73 -17.80	27.59 0.77 -15.66	27.59 0.75 -15.63	27.84 0.73 -15.89	29.61 0.93 -13.84	31.46 1.21 -11.91	30.95 0.77 -19.27	29.21 1.18 -12.28	27.96 0.87 -15.39	28.23 1.11 -9.20	28.17 1.06 -9.13	27.60 1.37 -5.71	27.91 1.39 -7.44	29.52 1.51 -10.26	32.07 2.25 -5.29	41.94 2.86 -7.29	52.12 2.58 -9.79	48.04 3.63 -2.65	44.88 2.99 -4.52	41.54 3.04 -2.37	38.37 2.73 -5.65	33.90 2.68 -0.09	30.90 2.08 0.00
NORTH___COUNTRY_ESR 323785	14.89 -2.31 -0.47	10.07 -1.32 -0.69	10.36 -1.41 -0.61	10.24 -1.57 -0.61	10.34 -1.50 -0.62	13.31 -2.06 -0.54	17.09 -1.70 -0.46	10.84 -0.82 -0.75	14.78 -1.45 -0.48	11.20 -1.10 -0.60	16.55 -1.72 -0.36	16.68 -1.65 -0.35	18.66 -2.07 -0.22	17.31 -2.06 -0.29	16.25 -1.90 -0.40	22.10 -2.62 -0.20	29.77 -2.29 -0.27	38.85 -1.27 -0.38	40.92 -0.92 -0.08	36.66 -0.86 -0.16	34.54 -1.66 -0.07	28.37 -1.83 -0.21	29.49 -1.65 0.00	27.67 -1.15 0.00
NPX_GEN_1385_PROXY 323591	30.30 1.41 -12.17	29.24 0.75 -17.80	27.61 0.79 -15.66	27.61 0.77 -15.63	27.87 0.75 -15.89	29.61 0.93 -13.84	31.58 1.34 -11.91	31.04 0.86 -19.27	29.32 1.29 -12.28	28.04 0.95 -15.39	28.23 1.11 -9.20	28.08 0.97 -9.13	27.50 1.27 -5.71	27.91 1.39 -7.44	29.68 1.67 -10.26	32.29 2.48 -5.29	42.03 2.96 -7.29	52.75 3.22 -9.79	47.71 3.30 -2.65	44.69 2.80 -4.52	41.22 2.71 -2.37	38.28 2.64 -5.65	33.62 2.40 -0.09	30.84 2.02 0.00
NPX_GEN_CSC 323557	30.44 1.54 -12.17	29.38 0.89 -17.80	27.77 0.95 -15.66	27.77 0.93 -15.63	28.01 0.90 -15.89	29.83 1.16 -13.84	31.71 1.47 -11.91	31.12 0.94 -19.27	29.48 1.43 -12.30	28.13 1.04 -15.39	28.49 1.38 -9.20	28.46 1.35 -9.13	27.93 1.70 -5.71	28.26 1.70 -7.48	29.85 1.79 -10.31	40.36 2.75 -13.09	82.50 3.56 -47.15	194.64 3.50 -151.39	204.23 4.92 -157.55	134.39 3.92 -93.10	103.35 3.90 -63.32	76.50 3.39 -43.12	45.77 3.39 -11.24	31.43 2.56 -0.04
NSINS_S_GLNS_FALLS 23858	32.91 1.17 -15.01	33.40 0.76 -21.95	31.25 0.78 -19.32	31.25 0.76 -19.28	31.63 0.81 -19.60	33.00 1.10 -17.07	34.38 1.36 -14.69	35.45 0.77 -23.76	32.06 1.17 -15.14	31.52 0.84 -18.98	30.55 1.29 -11.34	30.48 1.24 -11.26	28.93 1.37 -7.04	29.51 1.26 -9.17	31.60 1.19 -12.66	32.67 1.69 -6.45	42.72 2.35 -8.58	54.88 3.06 -12.08	47.50 3.13 -2.62	45.00 2.65 -4.98	40.88 2.46 -2.29	38.55 1.98 -6.58	33.47 2.34 0.00	31.11 2.28 0.00
NUCOR_STEEL___DRP 24197	19.68 0.23 -2.72	14.80 0.13 -3.98	14.80 0.15 -3.50	14.86 0.16 -3.50	14.93 0.16 -3.55	18.15 0.22 -3.10	21.24 0.24 -2.66	15.35 0.13 -4.31	18.65 0.16 -2.75	15.26 0.12 -3.44	20.15 0.18 -2.06	20.22 0.20 -2.04	22.02 0.23 -1.28	20.98 0.23 -1.66	20.26 0.21 -2.30	25.96 0.27 -1.17	33.66 0.32 -1.56	42.29 0.36 -2.19	42.48 0.25 -0.47	38.57 0.30 -0.90	36.91 0.36 -0.42	31.45 0.27 -1.19	31.45 0.31 0.00	29.09 0.26 0.00
NUMBER_THREE_WT_PWR 323818	17.28 -0.42 -0.97	11.87 -0.24 -1.42	12.14 -0.27 -1.25	12.17 -0.28 -1.25	12.24 -0.25 -1.27	15.61 -0.33 -1.10	19.05 -0.24 -0.95	12.37 -0.08 -1.54	16.51 -0.22 -0.98	12.73 -0.20 -1.23	18.27 -0.38 -0.73	18.33 -0.38 -0.73	20.48 -0.49 -0.46	19.24 -0.44 -0.59	18.14 -0.43 -0.82	24.47 -0.47 -0.42	32.12 -0.22 -0.55	40.92 0.40 -0.78	42.38 0.46 -0.17	38.10 0.41 -0.32	36.39 0.11 -0.15	30.32 -0.09 -0.43	31.04 -0.09 0.00	28.80 -0.03 0.00
NYISO_LBMP_REFERENCE 24008	16.73 0.00 0.00	10.69 0.00 0.00	11.16 0.00 0.00	11.21 0.00 0.00	11.22 0.00 0.00	14.83 0.00 0.00	18.34 0.00 0.00	10.91 0.00 0.00	15.75 0.00 0.00	11.70 0.00 0.00	17.92 0.00 0.00	17.98 0.00 0.00	20.51 0.00 0.00	19.08 0.00 0.00	17.75 0.00 0.00	24.52 0.00 0.00	31.79 0.00 0.00	39.74 0.00 0.00	41.75 0.00 0.00	37.36 0.00 0.00	36.13 0.00 0.00	29.99 0.00 0.00	31.14 0.00 0.00	28.83 0.00 0.00
NYPA_BRENTWD___GT 24164	30.37 1.47 -12.17	29.33 0.84 -17.80	27.72 0.90 -15.66	27.72 0.87 -15.63	27.97 0.85 -15.89	29.77 1.10 -13.84	31.66 1.41 -11.91	31.06 0.88 -19.27	29.35 1.32 -12.28	28.05 0.96 -15.39	28.37 1.25 -9.20	28.32 1.20 -9.13	27.74 1.52 -5.71	28.03 1.51 -7.44	29.60 1.58 -10.27	32.92 2.28 -6.12	46.28 2.96 -11.53	66.21 2.58 -23.89	63.94 3.68 -18.50	54.16 3.06 -13.73	48.06 3.07 -8.86	42.48 2.85 -9.64	35.18 2.77 -1.27	31.20 2.36 0.00
NYPA_GOWANUS___GT5 24156	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.56 0.72 -15.63	27.84 0.73 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.07 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.18 -9.79	46.30 2.42 -2.12	43.64 2.24 -4.04	40.16 2.17 -1.86	37.37 2.04 -5.34	33.16 2.02 0.00	30.73 1.90 0.00
NYPA_GOWANUS___GT6 24157	30.07 1.17 -12.17	29.22 0.74 -17.80	27.59 0.77 -15.66	27.56 0.72 -15.63	27.84 0.73 -15.89	29.56 0.89 -13.84	31.27 1.03 -11.91	30.81 0.63 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.19 1.07 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.11 1.10 -10.26	31.25 1.50 -5.23	40.72 1.97 -6.95	51.72 2.18 -9.79	46.30 2.42 -2.12	43.64 2.24 -4.04	40.16 2.17 -1.86	37.37 2.04 -5.34	33.16 2.02 0.00	30.73 1.90 0.00
NYPA_HARLEM__RVR_GT1 24160	29.92 1.02 -12.17	29.12 0.63 -17.80	27.46 0.65 -15.66	27.43 0.59 -15.63	27.74 0.63 -15.89	29.37 0.70 -13.84	31.04 0.81 -11.90	30.69 0.52 -19.26	28.84 0.82 -12.27	27.75 0.67 -15.38	28.09 0.98 -9.19	28.09 0.99 -9.12	27.49 1.27 -5.70	27.64 1.13 -7.43	28.96 0.96 -10.25	31.02 1.27 -5.22	40.36 1.62 -6.95	51.24 1.71 -9.78	45.83 1.96 -2.11	43.19 1.79 -4.03	39.72 1.73 -1.85	36.94 1.62 -5.33	32.69 1.56 0.01	30.35 1.53 0.00
NYPA_HARLEM__RVR_GT2 24161	29.92 1.02 -12.17	29.12 0.63 -17.80	27.46 0.65 -15.66	27.43 0.59 -15.63	27.74 0.63 -15.89	29.37 0.70 -13.84	31.04 0.81 -11.90	30.69 0.52 -19.26	28.84 0.82 -12.27	27.75 0.67 -15.38	28.09 0.98 -9.19	28.09 0.99 -9.12	27.49 1.27 -5.70	27.64 1.13 -7.43	28.96 0.96 -10.25	31.02 1.27 -5.22	40.36 1.62 -6.95	51.24 1.71 -9.78	45.83 1.96 -2.11	43.19 1.79 -4.03	39.72 1.73 -1.85	36.94 1.62 -5.33	32.69 1.56 0.01	30.35 1.53 0.00

NYPA_KENT____GT 24152	30.02 1.12 -12.17	29.19 0.71 -17.80	27.55 0.74 -15.66	27.53 0.69 -15.63	27.81 0.70 -15.89	29.53 0.86 -13.84	31.25 1.01 -11.91	30.80 0.62 -19.27	28.99 0.96 -12.28	27.84 0.75 -15.39	28.17 1.06 -9.20	28.17 1.06 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.09 1.08 -10.26	31.22 1.47 -5.23	40.68 1.94 -6.95	51.68 2.14 -9.79	46.26 2.38 -2.12	43.60 2.20 -4.04	40.12 2.13 -1.86	37.31 1.98 -5.34	33.10 1.96 0.00	30.64 1.82 0.00
NYPA_POUCH1____GT 24155	30.14 1.24 -12.17	29.26 0.77 -17.80	27.63 0.80 -15.66	27.58 0.74 -15.63	27.87 0.75 -15.89	29.59 0.92 -13.84	31.31 1.06 -11.91	30.82 0.64 -19.27	29.00 0.98 -12.28	27.86 0.77 -15.39	28.21 1.09 -9.20	28.21 1.10 -9.13	27.60 1.37 -5.71	27.76 1.24 -7.44	29.13 1.12 -10.26	31.27 1.52 -5.23	40.78 2.04 -6.95	51.80 2.26 -9.79	46.38 2.51 -2.12	43.68 2.28 -4.04	40.23 2.24 -1.86	37.42 2.10 -5.34	33.22 2.09 0.00	30.76 1.93 0.00
NYPA_VERNON____GT2 24162	29.97 1.07 -12.17	29.16 0.67 -17.80	27.52 0.70 -15.66	27.50 0.66 -15.63	27.79 0.67 -15.89	29.50 0.83 -13.84	31.23 0.99 -11.91	30.79 0.61 -19.27	28.97 0.94 -12.28	27.83 0.74 -15.39	28.17 1.06 -9.20	28.17 1.06 -9.13	27.54 1.31 -5.71	27.70 1.18 -7.44	29.08 1.06 -10.26	31.20 1.45 -5.23	40.62 1.88 -6.95	51.64 2.11 -9.79	46.21 2.34 -2.12	43.53 2.13 -4.04	40.09 2.09 -1.86	37.25 1.92 -5.34	33.01 1.87 0.00	30.56 1.73 0.00
NYPA_VERNON____GT3 24163	29.97 1.07 -12.17	29.16 0.67 -17.80	27.52 0.70 -15.66	27.50 0.66 -15.63	27.79 0.67 -15.89	29.50 0.83 -13.84	31.23 0.99 -11.91	30.79 0.61 -19.27	28.97 0.94 -12.28	27.83 0.74 -15.39	28.17 1.06 -9.20	28.17 1.06 -9.13	27.54 1.31 -5.71	27.70 1.18 -7.44	29.08 1.06 -10.26	31.20 1.45 -5.23	40.62 1.88 -6.95	51.64 2.11 -9.79	46.21 2.34 -2.12	43.53 2.13 -4.04	40.09 2.09 -1.86	37.25 1.92 -5.34	33.01 1.87 0.00	30.56 1.73 0.00
NYPA____ASTORIA_CC1 323568	29.95 1.05 -12.17	29.15 0.66 -17.80	27.51 0.69 -15.66	27.49 0.65 -15.63	27.78 0.66 -15.89	29.49 0.82 -13.84	31.20 0.95 -11.91	30.78 0.60 -19.27	28.96 0.93 -12.28	27.81 0.73 -15.39	28.13 1.02 -9.20	28.13 1.02 -9.13	27.52 1.29 -5.71	27.68 1.16 -7.44	29.06 1.05 -10.26	31.17 1.42 -5.23	40.59 1.84 -6.95	51.56 2.03 -9.79	46.13 2.25 -2.12	43.45 2.05 -4.04	40.01 2.02 -1.86	37.19 1.86 -5.34	32.94 1.81 0.00	30.53 1.70 0.00
NYPA____ASTORIA_CC2 323569	29.95 1.05 -12.17	29.15 0.66 -17.80	27.51 0.69 -15.66	27.49 0.65 -15.63	27.78 0.66 -15.89	29.49 0.82 -13.84	31.20 0.95 -11.91	30.78 0.60 -19.27	28.96 0.93 -12.28	27.81 0.73 -15.39	28.13 1.02 -9.20	28.13 1.02 -9.13	27.52 1.29 -5.71	27.68 1.16 -7.44	29.06 1.05 -10.26	31.17 1.42 -5.23	40.59 1.84 -6.95	51.56 2.03 -9.79	46.13 2.25 -2.12	43.45 2.05 -4.04	40.01 2.02 -1.86	37.19 1.86 -5.34	32.94 1.81 0.00	30.53 1.70 0.00
NYPA____HOLTSVILL 23794	30.29 1.39 -12.17	29.28 0.79 -17.80	27.67 0.85 -15.66	27.67 0.83 -15.63	27.92 0.81 -15.89	29.70 1.02 -13.84	31.57 1.32 -11.91	31.02 0.84 -19.27	29.34 1.29 -12.30	28.03 0.94 -15.39	28.35 1.24 -9.20	28.32 1.20 -9.13	27.76 1.54 -5.71	28.11 1.55 -7.48	29.69 1.63 -10.31	40.12 2.50 -13.09	82.16 3.21 -47.16	194.32 3.06 -151.52	203.71 4.30 -157.65	134.02 3.51 -93.15	102.97 3.50 -63.34	76.21 3.09 -43.13	45.46 3.08 -11.24	31.18 2.31 -0.04
NYPA____HELLGATE_GT1 24158	29.85 0.95 -12.17	29.07 0.59 -17.80	27.45 0.64 -15.66	27.42 0.58 -15.63	27.73 0.62 -15.89	29.34 0.67 -13.84	31.01 0.77 -11.90	30.68 0.51 -19.26	28.82 0.80 -12.27	27.75 0.67 -15.38	28.11 1.00 -9.19	28.11 1.01 -9.12	27.53 1.31 -5.70	27.68 1.16 -7.43	28.96 0.96 -10.25	30.99 1.25 -5.22	40.29 1.56 -6.95	51.20 1.67 -9.78	45.75 1.88 -2.11	43.15 1.76 -4.03	39.68 1.70 -1.85	36.91 1.59 -5.33	32.62 1.49 0.01	30.33 1.50 0.00
NYPA____HELLGATE_GT2 24159	29.85 0.95 -12.17	29.07 0.59 -17.80	27.45 0.64 -15.66	27.42 0.58 -15.63	27.73 0.62 -15.89	29.34 0.67 -13.84	31.01 0.77 -11.90	30.68 0.51 -19.26	28.82 0.80 -12.27	27.75 0.67 -15.38	28.11 1.00 -9.19	28.11 1.01 -9.12	27.53 1.31 -5.70	27.68 1.16 -7.43	28.96 0.96 -10.25	30.99 1.25 -5.22	40.29 1.56 -6.95	51.20 1.67 -9.78	45.75 1.88 -2.11	43.15 1.76 -4.03	39.68 1.70 -1.85	36.91 1.59 -5.33	32.62 1.49 0.01	30.33 1.50 0.00
NYS_BARGE____HYD 23848	19.51 -0.30 -3.09	15.02 -0.18 -4.52	14.98 -0.16 -3.97	15.02 -0.16 -3.97	15.09 -0.17 -4.03	18.08 -0.27 -3.51	20.70 -0.66 -3.02	15.27 -0.53 -4.89	18.03 -0.84 -3.12	15.02 -0.58 -3.90	19.48 -0.77 -2.33	19.49 -0.81 -2.32	21.08 -0.88 -1.45	20.15 -0.82 -1.89	19.57 -0.78 -2.60	24.72 -1.13 -1.33	32.22 -1.33 -1.76	40.32 -1.91 -2.48	40.28 -1.96 -0.48	36.52 -1.87 -1.02	35.19 -1.41 -0.47	30.16 -1.17 -1.34	29.92 -1.21 0.00	27.99 -0.84 0.00
OAK ORCHARD____HYD 24046	19.59 0.08 -2.78	14.79 0.04 -4.06	14.79 0.06 -3.57	14.84 0.07 -3.57	14.90 0.06 -3.63	18.04 0.04 -3.16	20.96 -0.09 -2.72	15.18 -0.13 -4.40	18.33 -0.22 -2.80	15.08 -0.13 -3.51	19.91 -0.11 -2.10	19.92 -0.14 -2.08	21.67 -0.14 -1.30	20.67 -0.11 -1.70	19.95 -0.14 -2.34	25.49 -0.22 -1.19	33.19 -0.19 -1.59	41.58 -0.40 -2.23	41.91 -0.34 -0.49	37.88 -0.41 -0.92	36.34 -0.22 -0.43	30.97 -0.24 -1.22	30.83 -0.31 0.00	28.71 -0.11 0.00
OAKDALE__35_KV_LOAD 356122	22.17 0.23 -5.21	18.46 0.15 -7.62	18.02 0.16 -6.71	18.07 0.17 -6.70	18.20 0.17 -6.81	20.98 0.22 -5.93	23.64 0.20 -5.10	19.27 0.11 -8.25	21.15 0.14 -5.26	18.40 0.11 -6.59	22.02 0.16 -3.94	22.05 0.16 -3.91	23.16 0.21 -2.45	22.46 0.19 -3.19	22.32 0.18 -4.40	26.98 0.22 -2.24	35.02 0.25 -2.98	44.18 0.24 -4.19	42.86 0.21 -0.90	39.28 0.19 -1.73	37.18 0.25 -0.80	32.52 0.24 -2.29	31.54 0.40 0.00	29.20 0.37 0.00
OCC_CHEM____DRP 24175	19.34 -0.50 -3.12	14.97 -0.28 -4.56	14.93 -0.23 -4.01	14.94 -0.27 -4.00	15.02 -0.27 -4.07	17.95 -0.43 -3.54	20.45 -0.94 -3.05	15.13 -0.71 -4.93	17.82 -1.07 -3.14	14.88 -0.76 -3.94	19.27 -1.00 -2.35	19.26 -1.06 -2.34	20.79 -1.19 -1.46	19.92 -1.07 -1.90	19.37 -1.01 -2.63	24.34 -1.52 -1.34	31.35 -2.23 -1.78	38.91 -3.34 -2.51	38.89 -3.34 -0.47	35.15 -3.25 -1.03	33.83 -2.78 -0.48	29.17 -2.19 -1.37	29.24 -1.90 0.00	27.36 -1.47 0.00
OH_GEN_PROXY 24063	19.44 -0.37 -3.09	15.00 -0.20 -4.51	14.95 -0.18 -3.97	14.98 -0.19 -3.97	15.05 -0.20 -4.03	18.03 -0.31 -3.51	20.68 -0.68 -3.02	15.26 -0.53 -4.89	18.04 -0.82 -3.11	15.02 -0.58 -3.90	19.48 -0.77 -2.33	19.49 -0.81 -2.32	21.06 -0.90 -1.45	20.15 -0.82 -1.89	19.55 -0.80 -2.60	24.67 -1.18 -1.33	32.12 -1.43 -1.76	40.12 -2.11 -2.48	40.10 -2.17 -0.52	36.30 -2.09 -1.02	34.94 -1.66 -0.47	29.96 -1.38 -1.35	29.74 -1.40 0.00	27.82 -1.01 0.00
OLIN_CORP_DRP 24177	19.36 -0.50 -3.13	14.97 -0.30 -4.58	14.91 -0.28 -4.03	14.94 -0.29 -4.03	15.02 -0.29 -4.09	17.95 -0.44 -3.56	20.52 -0.88 -3.07	15.20 -0.68 -4.96	17.89 -1.02 -3.16	14.94 -0.73 -3.96	19.28 -1.00 -2.37	19.29 -1.04 -2.35	20.86 -1.13 -1.47	19.93 -1.07 -1.92	19.40 -0.99 -2.64	24.42 -1.45 -1.35	31.45 -2.13 -1.79	39.05 -3.22 -2.52	39.06 -3.17 -0.48	35.34 -3.06 -1.04	34.01 -2.60 -0.48	29.29 -2.07 -1.37	29.42 -1.71 0.00	27.50 -1.33 0.00

OLIN_CORP_DSASP 323712	19.34 -0.50 -3.12	14.97 -0.28 -4.56	14.93 -0.23 -4.01	14.94 -0.27 -4.00	15.01 -0.28 -4.07	17.94 -0.43 -3.54	20.45 -0.93 -3.05	15.13 -0.71 -4.93	17.82 -1.07 -3.14	14.88 -0.76 -3.94	19.27 -1.00 -2.35	19.27 -1.04 -2.34	20.79 -1.19 -1.46	19.92 -1.07 -1.90	19.37 -1.01 -2.63	24.34 -1.52 -1.34	31.73 -1.84 -1.78	39.63 -2.62 -2.51	39.52 -2.71 -0.47	35.82 -2.58 -1.03	34.47 -2.13 -0.47	29.58 -1.77 -1.36	29.30 -1.84 0.00	27.47 -1.35 0.00
ONEIDA_HERK_LFGE 323681	17.59 0.02 -0.85	11.95 0.02 -1.24	12.26 0.01 -1.09	12.32 0.02 -1.09	12.36 0.03 -1.11	15.86 0.06 -0.96	19.30 0.13 -0.83	12.36 0.11 -1.34	16.71 0.11 -0.86	12.82 0.05 -1.07	18.59 0.04 -0.64	18.65 0.04 -0.64	20.91 0.00 -0.40	19.62 0.02 -0.52	18.48 0.02 -0.72	24.98 0.10 -0.36	32.63 0.35 -0.48	41.22 0.79 -0.68	42.66 0.75 -0.15	38.39 0.75 -0.28	36.84 0.58 -0.13	30.72 0.36 -0.37	31.51 0.37 0.00	29.20 0.37 0.00
ONEIDA___115KV_TB4 55905	18.53 0.37 -1.44	13.02 0.22 -2.10	13.24 0.23 -1.85	13.31 0.26 -1.85	13.36 0.26 -1.88	16.82 0.36 -1.63	20.18 0.44 -1.41	13.46 0.27 -2.27	17.56 0.36 -1.45	13.76 0.25 -1.82	19.34 0.34 -1.09	19.40 0.34 -1.08	21.56 0.37 -0.67	20.34 0.38 -0.88	19.32 0.35 -1.21	25.68 0.54 -0.62	33.38 0.76 -0.82	42.01 1.11 -1.16	42.97 0.96 -0.25	38.81 0.97 -0.48	37.25 0.90 -0.22	31.31 0.69 -0.63	31.85 0.72 0.00	29.55 0.72 0.00
ONONDAGA_REF_OCCRA 23987	19.35 0.07 -2.56	14.45 0.02 -3.74	14.47 0.02 -3.29	14.53 0.03 -3.29	14.60 0.03 -3.34	17.80 0.06 -2.91	20.88 0.04 -2.50	14.97 0.01 -4.05	18.33 0.00 -2.58	14.94 0.00 -3.24	19.87 0.02 -1.93	19.92 0.02 -1.92	21.76 0.04 -1.20	20.68 0.04 -1.56	19.96 0.05 -2.16	25.67 0.05 -1.10	33.22 -0.03 -1.46	41.64 -0.16 -2.06	41.95 -0.25 -0.45	38.03 -0.19 -0.85	36.45 -0.07 -0.39	31.05 -0.06 -1.12	31.08 -0.06 0.00	28.77 -0.06 0.00
ONONDAGA___COGEN 23986	19.30 0.10 -2.47	14.35 0.04 -3.62	14.38 0.04 -3.18	14.44 0.06 -3.18	14.51 0.06 -3.23	17.73 0.09 -2.81	20.83 0.07 -2.42	14.86 0.03 -3.92	18.27 0.03 -2.50	14.85 0.02 -3.13	19.84 0.05 -1.87	19.89 0.05 -1.86	21.76 0.08 -1.16	20.67 0.08 -1.51	19.92 0.09 -2.09	25.66 0.07 -1.06	33.24 0.03 -1.41	41.69 -0.04 -1.99	42.02 -0.17 -0.43	38.11 -0.07 -0.82	36.51 0.00 -0.38	31.07 0.00 -1.08	31.14 0.00 0.00	28.80 -0.03 0.00
ONTARIO___LFGE 23819	20.02 0.28 -3.01	15.25 0.16 -4.40	15.21 0.18 -3.87	15.25 0.18 -3.87	15.34 0.19 -3.93	18.52 0.27 -3.42	21.54 0.26 -2.95	15.81 0.13 -4.77	18.91 0.13 -3.04	15.60 0.09 -3.81	20.35 0.16 -2.28	20.38 0.14 -2.26	22.09 0.16 -1.41	21.07 0.15 -1.84	20.45 0.16 -2.54	26.04 0.22 -1.29	33.99 0.48 -1.72	42.60 0.44 -2.42	42.82 0.54 -0.53	38.96 0.60 -1.00	37.28 0.68 -0.46	31.76 0.45 -1.32	31.54 0.40 0.00	29.20 0.37 0.00
ORANGEVILLE_WT_PWR 323706	20.06 -0.17 -3.50	15.72 -0.10 -5.12	15.60 -0.07 -4.51	15.64 -0.07 -4.50	15.73 -0.07 -4.58	18.71 -0.10 -3.99	21.40 -0.37 -3.43	16.14 -0.32 -5.55	18.75 -0.54 -3.54	15.73 -0.40 -4.43	20.01 -0.56 -2.65	20.00 -0.61 -2.63	21.46 -0.70 -1.64	20.59 -0.63 -2.14	20.14 -0.57 -2.95	25.24 -0.79 -1.51	32.90 -0.89 -2.00	41.41 -1.15 -2.82	41.23 -1.09 -0.56	37.48 -1.05 -1.16	35.94 -0.72 -0.53	30.92 -0.60 -1.53	30.54 -0.59 0.00	28.45 -0.38 0.00
ORANGEVILLE___ESR 323794	20.06 -0.17 -3.50	15.72 -0.10 -5.12	15.60 -0.07 -4.51	15.64 -0.07 -4.50	15.73 -0.07 -4.58	18.71 -0.10 -3.99	21.40 -0.37 -3.43	16.14 -0.32 -5.55	18.75 -0.54 -3.54	15.73 -0.40 -4.43	20.01 -0.56 -2.65	20.00 -0.61 -2.63	21.46 -0.70 -1.64	20.59 -0.63 -2.14	20.14 -0.57 -2.95	25.24 -0.79 -1.51	32.90 -0.89 -2.00	41.41 -1.15 -2.82	41.23 -1.09 -0.56	37.48 -1.05 -1.16	35.94 -0.72 -0.53	30.92 -0.60 -1.53	30.54 -0.59 0.00	28.45 -0.38 0.00
OSWEGATCHIE___HYD 24044	16.23 -1.32 -0.82	11.15 -0.75 -1.21	11.40 -0.81 -1.06	11.38 -0.89 -1.06	11.46 -0.84 -1.08	14.63 -1.14 -0.94	18.19 -0.95 -0.81	11.78 -0.44 -1.31	15.76 -0.82 -0.83	12.10 -0.64 -1.04	17.48 -1.06 -0.62	17.59 -1.01 -0.62	19.63 -1.27 -0.39	18.36 -1.22 -0.50	17.31 -1.14 -0.70	23.36 -1.52 -0.35	30.99 -1.27 -0.47	39.97 -0.44 -0.66	41.69 -0.21 -0.14	37.38 -0.26 -0.27	35.43 -0.83 -0.13	29.36 -0.99 -0.36	30.20 -0.93 0.00	28.14 -0.69 0.00
OSWEGO___5 23606	18.50 -0.22 -1.99	13.46 -0.15 -2.92	13.57 -0.16 -2.57	13.61 -0.16 -2.56	13.67 -0.16 -2.60	16.89 -0.21 -2.27	20.01 -0.27 -1.95	13.89 -0.17 -3.16	17.49 -0.27 -2.01	14.02 -0.20 -2.52	19.14 -0.29 -1.51	19.19 -0.29 -1.50	21.12 -0.33 -0.94	20.02 -0.29 -1.22	19.17 -0.27 -1.68	24.96 -0.42 -0.86	32.30 -0.64 -1.14	40.47 -0.87 -1.60	41.14 -0.96 -0.35	37.17 -0.86 -0.66	35.68 -0.76 -0.30	30.23 -0.63 -0.87	30.45 -0.69 0.00	28.22 -0.61 0.00
OSWEGO___6 23613	18.50 -0.22 -1.99	13.46 -0.15 -2.92	13.57 -0.16 -2.57	13.61 -0.16 -2.56	13.67 -0.16 -2.60	16.89 -0.21 -2.27	20.01 -0.27 -1.95	13.89 -0.17 -3.16	17.49 -0.27 -2.01	14.02 -0.20 -2.52	19.14 -0.29 -1.51	19.19 -0.29 -1.50	21.12 -0.33 -0.94	20.02 -0.29 -1.22	19.17 -0.27 -1.68	24.96 -0.42 -0.86	32.30 -0.64 -1.14	40.47 -0.87 -1.60	41.14 -0.96 -0.35	37.17 -0.86 -0.66	35.68 -0.76 -0.30	30.23 -0.63 -0.87	30.45 -0.69 0.00	28.22 -0.61 0.00
OUTOKUMPU-AB___DRP 24206	19.71 -0.17 -3.15	15.21 -0.09 -4.61	15.15 -0.06 -4.05	15.19 -0.06 -4.05	15.27 -0.07 -4.11	18.26 -0.15 -3.58	20.89 -0.53 -3.08	15.44 -0.46 -4.99	18.20 -0.72 -3.18	15.19 -0.49 -3.98	19.65 -0.65 -2.38	19.66 -0.68 -2.36	21.25 -0.74 -1.48	20.34 -0.67 -1.92	19.78 -0.62 -2.66	24.94 -0.93 -1.35	32.13 -1.46 -1.80	40.01 -2.27 -2.53	39.99 -2.25 -0.49	36.17 -2.24 -1.04	34.81 -1.81 -0.48	29.96 -1.41 -1.38	30.17 -0.97 0.00	28.19 -0.63 0.00
OXBOW___ 24026	19.56 -0.30 -3.13	15.11 -0.16 -4.58	15.07 -0.12 -4.03	15.10 -0.13 -4.02	15.17 -0.15 -4.09	18.13 -0.27 -3.56	20.72 -0.68 -3.06	15.31 -0.56 -4.96	18.06 -0.85 -3.16	15.07 -0.60 -3.96	19.50 -0.79 -2.37	19.52 -0.81 -2.35	21.06 -0.92 -1.47	20.18 -0.82 -1.91	19.61 -0.78 -2.64	24.72 -1.15 -1.35	32.21 -1.37 -1.79	40.32 -1.95 -2.52	40.19 -2.05 -0.48	36.42 -1.98 -1.04	35.05 -1.55 -0.48	30.07 -1.29 -1.37	29.80 -1.34 0.00	27.90 -0.92 0.00
OXY_CHEM_DSASP 323612	19.34 -0.50 -3.12	14.97 -0.28 -4.56	14.93 -0.23 -4.01	14.94 -0.27 -4.00	15.02 -0.27 -4.07	17.95 -0.43 -3.54	20.45 -0.94 -3.05	15.13 -0.71 -4.93	17.82 -1.07 -3.14	14.88 -0.76 -3.94	19.27 -1.00 -2.35	19.26 -1.06 -2.34	20.79 -1.19 -1.46	19.92 -1.07 -1.90	19.37 -1.01 -2.63	24.34 -1.52 -1.34	31.35 -2.23 -1.78	38.91 -3.34 -2.51	38.89 -3.34 -0.47	35.15 -3.25 -1.03	33.83 -2.78 -0.48	29.17 -2.19 -1.37	29.24 -1.90 0.00	27.36 -1.47 0.00
OZONE_PARK_ESR 323760	29.98 1.09 -12.17	29.18 0.69 -17.80	27.54 0.73 -15.66	27.52 0.68 -15.63	27.75 0.64 -15.89	29.58 0.90 -13.84	31.34 1.10 -11.91	30.86 0.69 -19.26	29.10 1.07 -12.28	27.91 0.82 -15.39	28.30 1.18 -9.20	28.30 1.19 -9.13	27.66 1.44 -5.71	27.80 1.28 -7.44	29.18 1.17 -10.26	31.37 1.62 -5.23	40.87 2.13 -6.95	51.92 2.38 -9.79	46.51 2.63 -2.12	43.83 2.43 -4.04	40.34 2.35 -1.86	37.40 2.07 -5.34	33.16 2.02 0.00	30.70 1.87 0.00

PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	19.34 -0.50 -3.12	14.97 -0.28 -4.56	14.93 -0.23 -4.01	14.94 -0.27 -4.00	15.02 -0.27 -4.07	17.95 -0.43 -3.54	20.45 -0.94 -3.05	15.13 -0.71 -4.93	17.82 -1.07 -3.14	14.88 -0.76 -3.94	19.27 -1.00 -2.35	19.26 -1.06 -2.34	20.79 -1.19 -1.46	19.92 -1.07 -1.90	19.37 -1.01 -2.63	24.34 -1.52 -1.34	31.35 -2.23 -1.78	38.91 -3.34 -2.51	38.89 -3.34 -0.47	35.15 -3.25 -1.03	33.83 -2.78 -0.48	29.17 -2.19 -1.37	29.24 -1.90 0.00	27.36 -1.47 0.00
PACKARD__115KV_DUPONT_184 80571	19.34 -0.50 -3.12	14.97 -0.28 -4.56	14.93 -0.23 -4.01	14.94 -0.27 -4.00	15.02 -0.27 -4.07	17.95 -0.43 -3.54	20.45 -0.94 -3.05	15.13 -0.71 -4.93	17.82 -1.07 -3.14	14.88 -0.76 -3.94	19.27 -1.00 -2.35	19.26 -1.06 -2.34	20.79 -1.19 -1.46	19.92 -1.07 -1.90	19.37 -1.01 -2.63	24.34 -1.52 -1.34	31.35 -2.23 -1.78	38.91 -3.34 -2.51	38.89 -3.34 -0.47	35.15 -3.25 -1.03	33.83 -2.78 -0.48	29.17 -2.19 -1.37	29.24 -1.90 0.00	27.36 -1.47 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	29.97 1.07 -12.17	29.15 0.66 -17.80	27.51 0.69 -15.66	27.50 0.66 -15.63	27.71 0.59 -15.89	29.42 0.74 -13.84	31.11 0.86 -11.91	30.72 0.55 -19.27	28.88 0.85 -12.28	27.75 0.67 -15.39	28.05 0.93 -9.20	28.06 0.95 -9.13	27.41 1.19 -5.71	27.59 1.07 -7.44	28.97 0.96 -10.26	31.05 1.30 -5.23	40.43 1.68 -6.95	51.36 1.83 -9.79	45.92 2.05 -2.12	43.27 1.87 -4.04	39.83 1.84 -1.86	37.01 1.68 -5.34	32.76 1.62 0.00	30.47 1.64 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	30.10 1.20 -12.17	29.25 0.76 -17.80	27.61 0.79 -15.66	27.60 0.76 -15.63	27.81 0.70 -15.89	29.56 0.89 -13.84	31.29 1.05 -11.91	30.82 0.64 -19.27	29.02 0.99 -12.28	27.86 0.77 -15.39	28.19 1.08 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.09 1.08 -10.26	31.22 1.47 -5.23	40.65 1.91 -6.95	51.68 2.15 -9.79	46.05 2.17 -2.12	43.57 2.17 -4.04	40.09 2.10 -1.86	37.25 1.92 -5.34	33.04 1.90 0.00	30.73 1.90 0.00
PATROON__115KV_TB1 80586	31.74 0.32 -14.70	32.38 0.20 -21.49	30.28 0.21 -18.91	30.30 0.21 -18.88	30.64 0.22 -19.19	31.84 0.30 -16.72	33.06 0.35 -14.38	34.38 0.21 -23.26	30.92 0.35 -14.83	30.54 0.26 -18.58	29.43 0.41 -11.10	29.42 0.41 -11.02	27.90 0.49 -6.90	28.52 0.46 -8.98	30.55 0.41 -12.39	31.48 0.64 -6.32	41.08 0.89 -8.40	52.72 1.15 -11.82	45.49 1.17 -2.56	43.25 1.01 -4.87	39.35 0.98 -2.25	37.21 0.78 -6.45	31.95 0.81 0.00	29.55 0.72 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	19.66 -0.35 -3.28	15.29 -0.20 -4.80	15.19 -0.19 -4.22	15.23 -0.19 -4.22	15.32 -0.19 -4.29	18.27 -0.30 -3.73	20.94 -0.61 -3.21	15.64 -0.47 -5.20	18.30 -0.76 -3.31	15.33 -0.53 -4.15	19.66 -0.73 -2.48	19.67 -0.77 -2.46	21.19 -0.86 -1.54	20.31 -0.78 -2.01	19.79 -0.73 -2.77	24.85 -1.08 -1.41	32.08 -1.59 -1.88	40.08 -2.31 -2.64	39.97 -2.30 -0.52	36.21 -2.24 -1.09	34.72 -1.91 -0.50	29.93 -1.50 -1.44	30.79 -0.34 0.00	28.71 -0.12 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	29.97 0.99 -12.26	29.23 0.62 -17.92	27.58 0.65 -15.77	27.58 0.63 -15.74	27.82 0.59 -16.00	29.60 0.83 -13.94	31.32 0.99 -11.99	30.92 0.61 -19.40	29.09 0.98 -12.36	27.93 0.74 -15.49	28.25 1.08 -9.26	28.24 1.06 -9.19	27.50 1.23 -5.75	27.68 1.11 -7.49	29.11 1.03 -10.34	31.29 1.50 -5.27	40.80 2.00 -7.00	51.99 2.38 -9.86	46.56 2.67 -2.14	43.82 2.39 -4.07	40.32 2.31 -1.87	37.31 1.95 -5.38	33.04 1.90 0.00	30.50 1.67 0.00
PEEKSKILL____ 23653	29.59 0.85 -12.01	28.80 0.54 -17.57	27.18 0.57 -15.46	27.18 0.55 -15.43	27.45 0.54 -15.69	29.21 0.71 -13.66	30.95 0.86 -11.75	30.46 0.53 -19.01	28.70 0.83 -12.12	27.52 0.63 -15.19	27.92 0.93 -9.08	27.91 0.92 -9.01	27.26 1.11 -5.64	27.41 0.99 -7.34	28.80 0.92 -10.13	30.96 1.27 -5.16	40.31 1.65 -6.86	51.32 1.91 -9.66	45.98 2.13 -2.09	43.25 1.90 -3.98	39.81 1.84 -1.84	36.91 1.65 -5.27	32.79 1.65 0.00	30.24 1.41 0.00
PGE MADISON__WINDPWR 24146	23.06 1.37 -4.97	18.79 0.83 -7.26	18.41 0.86 -6.39	18.53 0.94 -6.38	18.65 0.94 -6.48	21.77 1.29 -5.65	24.66 1.47 -4.86	19.67 0.89 -7.86	21.97 1.21 -5.01	18.80 0.82 -6.28	22.83 1.16 -3.75	22.87 1.17 -3.73	24.12 1.27 -2.33	23.42 1.30 -3.03	23.11 1.17 -4.19	28.50 1.84 -2.13	37.30 2.67 -2.84	47.56 3.82 -4.00	46.45 3.84 -0.86	42.49 3.48 -1.65	40.25 3.36 -0.76	34.87 2.70 -2.18	33.91 2.77 0.00	31.37 2.54 0.00
PIERCEFIELD__HYD 23852	15.42 -1.92 -0.62	10.53 -1.06 -0.90	10.80 -1.15 -0.79	10.71 -1.29 -0.79	10.79 -1.23 -0.81	13.84 -1.69 -0.70	17.62 -1.32 -0.60	11.29 -0.60 -0.98	15.25 -1.12 -0.62	11.63 -0.85 -0.78	16.99 -1.40 -0.47	17.13 -1.31 -0.46	19.14 -1.66 -0.29	17.82 -1.64 -0.38	16.74 -1.53 -0.52	22.68 -2.11 -0.27	30.46 -1.68 -0.35	39.64 -0.60 -0.50	41.53 -0.33 -0.11	37.27 -0.30 -0.20	35.14 -1.08 -0.09	28.94 -1.32 -0.27	29.58 -1.56 0.00	27.65 -1.18 0.00
PINELAWN_CC_I 323563	30.20 1.31 -12.17	29.24 0.75 -17.80	27.62 0.80 -15.66	27.61 0.77 -15.63	27.87 0.75 -15.89	29.64 0.96 -13.84	31.47 1.23 -11.91	30.96 0.79 -19.27	29.22 1.20 -12.28	27.96 0.87 -15.39	28.26 1.15 -9.20	28.21 1.10 -9.13	27.62 1.40 -5.71	27.91 1.39 -7.44	29.51 1.49 -10.27	32.53 2.33 -5.68	44.10 3.02 -9.28	58.40 2.82 -15.83	55.49 4.01 -9.73	49.46 3.36 -8.73	44.88 3.32 -5.43	40.43 2.91 -7.53	34.68 2.90 -0.64	30.96 2.13 0.00
PJM_GEN_HTP_PROXY 323702	29.87 0.97 -12.17	29.11 0.62 -17.80	27.46 0.65 -15.66	27.45 0.62 -15.63	27.73 0.62 -15.89	29.49 0.82 -13.84	31.21 0.97 -11.91	30.79 0.61 -19.26	28.97 0.94 -12.28	27.81 0.73 -15.38	28.15 1.04 -9.20	28.15 1.04 -9.13	27.48 1.25 -5.71	27.64 1.13 -7.44	29.04 1.03 -10.26	31.17 1.42 -5.23	40.59 1.84 -6.95	51.60 2.07 -9.79	46.13 2.25 -2.12	43.53 2.13 -4.04	40.05 2.06 -1.86	37.19 1.86 -5.34	32.94 1.81 0.00	30.47 1.64 0.00
PJM_GEN_KEystone 24065	24.86 0.28 -7.85	22.37 0.20 -11.48	21.47 0.21 -10.10	21.49 0.20 -10.08	21.67 0.20 -10.25	24.01 0.25 -8.93	26.20 0.18 -7.68	23.42 0.09 -12.43	23.79 0.13 -7.92	21.74 0.12 -9.92	24.03 0.18 -5.93	24.03 0.16 -5.89	24.40 0.21 -3.68	24.07 0.19 -4.80	24.51 0.14 -6.62	28.07 0.17 -3.37	36.50 0.22 -4.48	46.18 0.12 -6.32	43.32 0.21 -1.35	40.08 0.11 -2.60	37.55 0.22 -1.20	33.70 0.27 -3.44	31.45 0.31 0.00	29.12 0.29 0.00
PJM_GEN_NEPTUNE_PROXY 323594	29.93 1.04 -12.17	29.08 0.59 -17.80	27.44 0.62 -15.66	27.45 0.60 -15.63	27.70 0.58 -15.89	29.43 0.76 -13.84	31.22 0.97 -11.91	30.80 0.62 -19.27	28.99 0.96 -12.28	27.79 0.70 -15.39	28.05 0.93 -9.20	28.01 0.90 -9.13	27.39 1.17 -5.71	27.66 1.14 -7.44	29.24 1.22 -10.26	31.72 1.99 -5.22	41.26 2.57 -6.90	51.88 2.34 -9.79	47.22 3.42 -2.04	44.24 2.92 -3.96	40.76 2.85 -1.78	37.80 2.52 -5.29	33.64 2.52 0.02	30.53 1.70 0.00
PJM_GEN_VFT_PROXY 323633	29.78 0.89 -12.17	29.05 0.57 -17.80	27.41 0.59 -15.66	27.40 0.56 -15.63	27.67 0.56 -15.89	29.41 0.74 -13.84	31.14 0.90 -11.91	30.75 0.58 -19.26	28.94 0.91 -12.28	27.78 0.69 -15.39	28.10 0.98 -9.20	28.10 0.99 -9.13	27.43 1.21 -5.71	27.59 1.07 -7.44	28.99 0.98 -10.26	31.10 1.35 -5.23	40.43 1.68 -6.95	51.33 1.79 -9.79	45.84 1.96 -2.12	43.27 1.87 -4.04	39.87 1.88 -1.86	37.03 1.71 -5.34	32.79 1.65 0.00	30.35 1.53 0.00

PLATSBRG_115KV_PMLD1 355749	15.09 -2.09 -0.46	10.20 -1.17 -0.67	10.49 -1.26 -0.59	10.37 -1.42 -0.59	10.45 -1.37 -0.60	13.47 -1.88 -0.52	17.30 -1.49 -0.45	10.96 -0.68 -0.73	14.97 -1.24 -0.46	11.32 -0.96 -0.58	16.74 -1.52 -0.35	16.87 -1.46 -0.34	18.90 -1.83 -0.22	17.51 -1.85 -0.28	16.45 -1.69 -0.39	22.36 -2.35 -0.20	30.18 -1.88 -0.26	39.44 -0.68 -0.37	41.54 -0.29 -0.08	37.22 -0.30 -0.15	35.04 -1.16 -0.07	28.75 -1.44 -0.20	29.49 -1.65 0.00	27.67 -1.15 0.00
PLEASANTVLY___LBMP 24000	30.09 0.75 -12.61	29.62 0.48 -18.44	27.89 0.50 -16.23	27.89 0.48 -16.20	28.15 0.46 -16.47	29.82 0.64 -14.35	31.45 0.77 -12.34	31.35 0.47 -19.97	29.20 0.72 -12.72	28.20 0.55 -15.95	28.27 0.82 -9.53	28.27 0.83 -9.46	27.40 0.96 -5.92	27.67 0.88 -7.71	29.20 0.82 -10.64	31.12 1.18 -5.42	40.52 1.53 -7.21	51.68 1.79 -10.15	45.92 1.96 -2.20	43.30 1.76 -4.18	39.76 1.70 -1.93	37.02 1.50 -5.53	32.63 1.49 0.00	30.15 1.33 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	29.86 0.92 -12.22	29.14 0.58 -17.87	27.48 0.60 -15.72	27.48 0.58 -15.70	27.73 0.55 -15.96	29.50 0.77 -13.90	31.23 0.94 -11.96	30.83 0.58 -19.34	28.96 0.88 -12.33	27.83 0.68 -15.45	28.14 0.99 -9.23	28.13 0.99 -9.17	27.42 1.17 -5.73	27.62 1.07 -7.47	29.03 0.98 -10.30	31.17 1.40 -5.25	40.58 1.81 -6.98	51.68 2.11 -9.83	46.18 2.30 -2.13	43.51 2.09 -4.05	40.02 2.02 -1.87	37.12 1.77 -5.36	32.88 1.74 0.00	30.38 1.56 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	29.86 0.92 -12.22	29.14 0.58 -17.87	27.48 0.60 -15.72	27.48 0.58 -15.70	27.73 0.55 -15.96	29.50 0.77 -13.90	31.23 0.94 -11.96	30.83 0.58 -19.34	28.96 0.88 -12.33	27.83 0.68 -15.45	28.14 0.99 -9.23	28.13 0.99 -9.17	27.42 1.17 -5.73	27.62 1.07 -7.47	29.03 0.98 -10.30	31.17 1.40 -5.25	40.58 1.81 -6.98	51.68 2.11 -9.83	46.18 2.30 -2.13	43.51 2.09 -4.05	40.02 2.02 -1.87	37.12 1.77 -5.36	32.88 1.74 0.00	30.38 1.56 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	29.92 0.85 -12.34	29.27 0.53 -18.05	27.60 0.56 -15.88	27.61 0.55 -15.85	27.86 0.53 -16.12	29.61 0.74 -14.04	31.27 0.86 -12.07	30.98 0.53 -19.54	29.03 0.83 -12.45	27.92 0.62 -15.60	28.14 0.90 -9.32	28.14 0.90 -9.26	27.35 1.05 -5.79	27.56 0.94 -7.54	29.04 0.89 -10.41	31.13 1.30 -5.30	40.65 1.81 -7.05	51.86 2.19 -9.93	46.33 2.42 -2.15	43.59 2.13 -4.09	40.04 2.02 -1.89	37.14 1.74 -5.41	32.82 1.68 0.00	30.33 1.50 0.00
POLETTI_____ 23519	29.82 0.92 -12.17	29.07 0.59 -17.80	27.43 0.61 -15.66	27.42 0.58 -15.63	27.65 0.54 -15.89	29.44 0.77 -13.84	31.14 0.92 -11.89	30.75 0.59 -19.25	28.92 0.91 -12.26	27.77 0.70 -15.37	28.10 1.00 -9.18	28.10 1.01 -9.11	27.43 1.21 -5.71	27.59 1.09 -7.42	28.97 0.98 -10.25	31.08 1.35 -5.21	40.51 1.78 -6.94	46.56 1.95 -4.87	42.05 2.13 1.83	43.36 1.98 -4.02	39.89 1.91 -1.84	37.05 1.74 -5.32	32.80 1.68 0.02	30.38 1.56 0.00
POMONA____ESR 323819	29.45 0.92 -11.81	28.55 0.59 -17.27	26.95 0.60 -15.19	26.96 0.58 -15.17	27.22 0.58 -15.42	29.03 0.77 -13.43	30.82 0.93 -11.55	30.18 0.58 -18.69	28.56 0.90 -11.91	27.31 0.68 -14.93	27.82 0.98 -8.92	27.83 0.99 -8.86	27.22 1.17 -5.54	27.37 1.07 -7.22	28.68 0.98 -9.96	30.97 1.37 -5.08	40.35 1.81 -6.75	51.35 2.11 -9.50	46.11 2.29 -2.06	43.37 2.09 -3.92	39.96 2.02 -1.81	36.97 1.80 -5.18	32.91 1.77 0.00	30.38 1.56 0.00
PORT_JEFF_3 23555	30.34 1.44 -12.17	29.31 0.82 -17.80	27.70 0.88 -15.66	27.70 0.86 -15.63	27.95 0.83 -15.89	29.74 1.07 -13.84	31.60 1.36 -11.91	31.04 0.86 -19.27	29.37 1.32 -12.30	28.06 0.97 -15.39	28.39 1.27 -9.20	28.35 1.24 -9.13	27.81 1.58 -5.71	28.15 1.58 -7.48	29.72 1.67 -10.31	40.31 2.57 -13.22	82.85 3.28 -47.79	196.51 3.14 -153.63	206.20 4.42 -160.02	135.47 3.59 -94.52	104.00 3.58 -64.30	76.89 3.18 -43.72	45.73 3.18 -11.42	31.23 2.36 -0.04
PORT_JEFF_4 23616	30.34 1.44 -12.17	29.31 0.82 -17.80	27.70 0.88 -15.66	27.70 0.86 -15.63	27.95 0.83 -15.89	29.74 1.07 -13.84	31.60 1.36 -11.91	31.04 0.86 -19.27	29.37 1.32 -12.30	28.06 0.97 -15.39	28.39 1.27 -9.20	28.35 1.24 -9.13	27.81 1.58 -5.71	28.15 1.58 -7.48	29.72 1.67 -10.31	40.31 2.57 -13.22	82.85 3.28 -47.79	196.51 3.14 -153.63	206.20 4.42 -160.02	135.47 3.59 -94.52	104.00 3.58 -64.30	76.89 3.18 -43.72	45.73 3.18 -11.42	31.23 2.36 -0.04
PORT_JEFF_IC 23713	30.35 1.45 -12.17	29.32 0.83 -17.80	27.71 0.89 -15.66	27.72 0.87 -15.63	27.97 0.85 -15.89	29.76 1.08 -13.84	31.64 1.39 -11.91	31.06 0.88 -19.27	29.40 1.35 -12.30	28.07 0.98 -15.39	28.42 1.31 -9.20	28.37 1.26 -9.13	27.85 1.62 -5.71	28.19 1.62 -7.48	29.76 1.70 -10.31	40.83 2.65 -13.66	85.16 3.31 -50.06	204.25 3.18 -161.33	214.83 4.47 -168.61	140.47 3.62 -99.49	107.51 3.61 -67.77	79.12 3.27 -45.86	46.43 3.24 -12.05	31.29 2.42 -0.04
PPL PILGRIM_ST_GT1 24216	30.37 1.47 -12.17	29.33 0.84 -17.80	27.72 0.90 -15.66	27.72 0.87 -15.63	27.97 0.85 -15.89	29.77 1.10 -13.84	31.66 1.41 -11.91	31.06 0.88 -19.27	29.35 1.32 -12.28	28.05 0.96 -15.39	28.37 1.25 -9.20	28.32 1.20 -9.13	27.74 1.52 -5.71	28.03 1.51 -7.44	29.60 1.58 -10.27	32.92 2.28 -6.12	46.28 2.96 -11.53	66.21 2.58 -23.89	63.94 3.68 -18.50	54.16 3.06 -13.73	48.06 3.07 -8.86	42.48 2.85 -9.64	35.18 2.77 -1.27	31.20 2.36 0.00
PPL PILGRIM_ST_GT2 24217	30.37 1.47 -12.17	29.33 0.84 -17.80	27.72 0.90 -15.66	27.72 0.87 -15.63	27.97 0.85 -15.89	29.77 1.10 -13.84	31.66 1.41 -11.91	31.06 0.88 -19.27	29.35 1.32 -12.28	28.05 0.96 -15.39	28.37 1.25 -9.20	28.32 1.20 -9.13	27.74 1.52 -5.71	28.03 1.51 -7.44	29.60 1.58 -10.27	32.92 2.28 -6.12	46.28 2.96 -11.53	66.21 2.58 -23.89	63.94 3.68 -18.50	54.16 3.06 -13.73	48.06 3.07 -8.86	42.48 2.85 -9.64	35.18 2.77 -1.27	31.20 2.36 0.00
PPL_SHRM_GT3 24213	30.45 1.56 -12.17	29.38 0.89 -17.80	27.78 0.96 -15.66	27.78 0.94 -15.63	28.02 0.91 -15.89	29.83 1.16 -13.84	31.73 1.48 -11.91	31.12 0.94 -19.27	29.48 1.43 -12.30	28.13 1.04 -15.39	28.51 1.40 -9.20	28.46 1.35 -9.13	27.95 1.72 -5.71	28.28 1.72 -7.48	29.87 1.81 -10.31	40.46 2.77 -13.16	82.91 3.59 -47.53	195.93 3.58 -152.61	205.67 4.97 -158.95	135.28 4.00 -93.92	104.00 3.97 -63.90	76.89 3.42 -43.48	45.91 3.43 -11.35	31.43 2.56 -0.04
PPL_SHRM_GT4 24214	30.45 1.56 -12.17	29.38 0.89 -17.80	27.78 0.96 -15.66	27.78 0.94 -15.63	28.02 0.91 -15.89	29.83 1.16 -13.84	31.73 1.48 -11.91	31.12 0.94 -19.27	29.48 1.43 -12.30	28.13 1.04 -15.39	28.51 1.40 -9.20	28.46 1.35 -9.13	27.95 1.72 -5.71	28.28 1.72 -7.48	29.87 1.81 -10.31	40.46 2.77 -13.16	82.91 3.59 -47.53	195.93 3.58 -152.61	205.67 4.97 -158.95	135.28 4.00 -93.92	104.00 3.97 -63.90	76.89 3.42 -43.48	45.91 3.43 -11.35	31.43 2.56 -0.04
PROJECT___ORANGE I 24174	19.05 0.02 -2.31	14.06 0.00 -3.37	14.13 0.00 -2.97	14.18 0.01 -2.96	14.24 0.01 -3.01	17.47 0.01 -2.62	20.58 -0.02 -2.26	14.54 -0.02 -3.65	18.03 -0.05 -2.33	14.58 -0.04 -2.92	19.62 -0.04 -1.74	19.67 -0.04 -1.73	21.58 -0.02 -1.08	20.47 -0.02 -1.41	19.69 0.00 -1.95	25.46 -0.05 -0.99	32.92 -0.19 -1.32	41.24 -0.36 -1.86	41.66 -0.50 -0.40	37.72 -0.41 -0.77	36.23 -0.25 -0.35	30.82 -0.18 -1.01	30.95 -0.19 0.00	28.63 -0.20 0.00

PROJECT___ORANGE 2 24166	19.05 0.02 -2.31	14.06 0.00 -3.37	14.13 0.00 -2.97	14.18 0.01 -2.96	14.24 0.01 -3.01	17.47 0.01 -2.62	20.58 -0.02 -2.26	14.54 -0.02 -3.65	18.03 -0.05 -2.33	14.58 -0.04 -2.92	19.62 -0.04 -1.74	19.67 -0.04 -1.73	21.58 -0.02 -1.08	20.47 -0.02 -1.41	19.69 0.00 -1.95	25.46 -0.05 -0.99	32.92 -0.19 -1.32	41.24 -0.36 -1.86	41.66 -0.50 -0.40	37.72 -0.41 -0.77	36.23 -0.25 -0.35	30.82 -0.18 -1.01	30.95 -0.19 0.00	28.63 -0.20 0.00
PUCKETT___SOLAR 323809	22.58 0.55 -5.30	18.77 0.33 -7.75	18.32 0.35 -6.82	18.39 0.38 -6.81	18.51 0.37 -6.92	21.36 0.50 -6.03	24.07 0.55 -5.18	19.63 0.33 -8.39	21.52 0.43 -5.35	18.69 0.29 -6.70	22.33 0.41 -4.00	22.37 0.41 -3.98	23.47 0.47 -2.49	22.78 0.46 -3.24	22.66 0.44 -4.47	27.46 0.66 -2.28	35.81 0.99 -3.03	45.32 1.31 -4.26	43.97 1.30 -0.92	40.28 1.16 -1.76	38.10 1.16 -0.81	33.24 0.93 -2.32	32.10 0.97 0.00	29.69 0.86 0.00
PYRITES___HYD 24023	15.55 -1.77 -0.60	10.62 -0.95 -0.88	10.89 -1.04 -0.77	10.80 -1.18 -0.77	10.89 -1.11 -0.78	13.99 -1.53 -0.68	17.84 -1.08 -0.59	11.41 -0.45 -0.95	15.42 -0.93 -0.61	11.72 -0.74 -0.76	17.15 -1.22 -0.45	17.30 -1.13 -0.45	19.32 -1.48 -0.28	17.98 -1.47 -0.37	16.89 -1.37 -0.51	22.94 -1.84 -0.26	30.86 -1.27 -0.34	40.31 0.08 -0.48	42.19 0.33 -0.10	37.94 0.37 -0.20	35.72 -0.51 -0.09	29.35 -0.90 -0.26	30.02 -1.12 0.00	28.05 -0.78 0.00
QUAKERRD_115KV_BK1 80622	19.14 -0.32 -2.73	14.47 -0.21 -3.99	14.46 -0.21 -3.51	14.50 -0.21 -3.51	14.58 -0.20 -3.57	17.64 -0.30 -3.11	20.51 -0.50 -2.67	14.88 -0.35 -4.32	17.98 -0.52 -2.75	14.79 -0.36 -3.45	19.50 -0.48 -2.06	19.52 -0.50 -2.05	21.22 -0.57 -1.28	20.24 -0.52 -1.67	19.56 -0.50 -2.30	24.98 -0.71 -1.17	32.33 -1.02 -1.56	40.43 -1.51 -2.20	40.65 -1.59 -0.48	36.81 -1.46 -0.91	35.28 -1.26 -0.42	30.14 -1.05 -1.20	30.02 -1.12 0.00	27.88 -0.95 0.00
QUENSBRY_115KV_TB8 356137	32.98 1.24 -15.02	33.45 0.80 -21.96	31.30 0.83 -19.32	31.30 0.81 -19.29	31.69 0.86 -19.61	33.08 1.17 -17.08	34.46 1.43 -14.69	35.51 0.83 -23.77	32.16 1.26 -15.15	31.59 0.90 -18.98	30.64 1.38 -11.35	30.57 1.33 -11.26	29.04 1.48 -7.05	29.59 1.34 -9.18	31.69 1.28 -12.66	32.79 1.81 -6.45	42.91 2.54 -8.58	55.12 3.30 -12.08	47.80 3.42 -2.62	45.18 2.84 -4.98	41.06 2.64 -2.30	38.67 2.10 -6.59	33.60 2.46 0.00	31.25 2.42 0.00
RAMAPO___LBMP 323565	28.90 0.75 -11.42	27.88 0.48 -16.71	26.36 0.50 -14.70	26.36 0.48 -14.67	26.59 0.45 -14.92	28.46 0.64 -12.99	30.28 0.77 -11.18	29.47 0.48 -18.08	28.01 0.74 -11.52	26.71 0.56 -14.44	27.37 0.82 -8.63	27.36 0.81 -8.57	26.84 0.96 -5.36	26.92 0.86 -6.98	28.16 0.78 -9.63	30.54 1.10 -4.91	39.72 1.40 -6.53	50.56 1.63 -9.19	45.50 1.75 -1.99	42.76 1.61 -3.79	39.39 1.52 -1.75	36.38 1.38 -5.01	32.51 1.37 0.00	30.07 1.24 0.00
RANKINE____ 23646	19.83 -0.15 -3.25	15.37 -0.07 -4.75	15.28 -0.06 -4.18	15.32 -0.06 -4.17	15.41 -0.06 -4.24	18.41 -0.12 -3.70	21.09 -0.42 -3.18	15.68 -0.37 -5.14	18.43 -0.60 -3.28	15.39 -0.42 -4.11	19.82 -0.56 -2.46	19.82 -0.59 -2.44	21.38 -0.66 -1.53	20.48 -0.59 -1.99	19.94 -0.55 -2.74	25.08 -0.83 -1.40	32.34 -1.30 -1.86	40.37 -1.99 -2.61	40.30 -1.96 -0.51	36.50 -1.94 -1.08	35.04 -1.59 -0.50	30.21 -1.20 -1.43	30.61 -0.53 0.00	28.57 -0.26 0.00
RAVENSWOOD_GT2_1 24244	29.88 0.99 -12.17	29.11 0.62 -17.80	27.46 0.65 -15.66	27.47 0.63 -15.63	27.69 0.57 -15.89	29.49 0.82 -13.84	31.22 0.97 -11.91	30.79 0.61 -19.27	28.97 0.94 -12.28	27.81 0.73 -15.39	28.15 1.04 -9.20	28.17 1.06 -9.13	27.50 1.27 -5.71	27.66 1.14 -7.44	29.04 1.03 -10.26	31.20 1.45 -5.23	40.62 1.88 -6.95	51.60 2.07 -9.79	46.17 2.30 -2.12	43.53 2.13 -4.04	40.05 2.06 -1.86	37.16 1.83 -5.34	32.94 1.81 0.00	30.50 1.67 0.00
RAVENSWOOD_GT2_2 24245	29.88 0.99 -12.17	29.11 0.62 -17.80	27.46 0.65 -15.66	27.47 0.63 -15.63	27.69 0.57 -15.89	29.49 0.82 -13.84	31.22 0.97 -11.91	30.79 0.61 -19.27	28.97 0.94 -12.28	27.81 0.73 -15.39	28.15 1.04 -9.20	28.17 1.06 -9.13	27.50 1.27 -5.71	27.66 1.14 -7.44	29.04 1.03 -10.26	31.20 1.45 -5.23	40.62 1.88 -6.95	51.60 2.07 -9.79	46.17 2.30 -2.12	43.53 2.13 -4.04	40.05 2.06 -1.86	37.16 1.83 -5.34	32.94 1.81 0.00	30.50 1.67 0.00
RAVENSWOOD_GT2_3 24246	29.88 0.99 -12.17	29.12 0.63 -17.80	27.48 0.66 -15.66	27.47 0.63 -15.63	27.70 0.58 -15.89	29.49 0.82 -13.84	31.22 0.97 -11.91	30.80 0.62 -19.27	28.99 0.96 -12.28	27.81 0.73 -15.39	28.17 1.06 -9.20	28.17 1.06 -9.13	27.50 1.27 -5.71	27.66 1.14 -7.44	29.06 1.05 -10.26	31.20 1.45 -5.23	40.62 1.88 -6.95	51.64 2.11 -9.79	46.17 2.30 -2.12	43.53 2.13 -4.04	40.05 2.06 -1.86	37.19 1.86 -5.34	32.94 1.81 0.00	30.50 1.67 0.00
RAVENSWOOD_GT2_4 24247	29.88 0.99 -12.17	29.12 0.63 -17.80	27.48 0.66 -15.66	27.47 0.63 -15.63	27.70 0.58 -15.89	29.49 0.82 -13.84	31.22 0.97 -11.91	30.80 0.62 -19.27	28.99 0.96 -12.28	27.81 0.73 -15.39	28.17 1.06 -9.20	28.17 1.06 -9.13	27.50 1.27 -5.71	27.66 1.14 -7.44	29.06 1.05 -10.26	31.20 1.45 -5.23	40.62 1.88 -6.95	51.64 2.11 -9.79	46.17 2.30 -2.12	43.53 2.13 -4.04	40.05 2.06 -1.86	37.19 1.86 -5.34	32.94 1.81 0.00	30.50 1.67 0.00
RAVENSWOOD_GT3_1 24248	29.88 0.99 -12.17	29.11 0.62 -17.80	27.48 0.66 -15.66	27.47 0.63 -15.63	27.70 0.58 -15.89	29.49 0.82 -13.84	31.22 0.97 -11.91	30.79 0.61 -19.27	28.97 0.94 -12.28	27.81 0.73 -15.39	28.15 1.04 -9.20	28.17 1.06 -9.13	27.50 1.27 -5.71	27.66 1.14 -7.44	29.06 1.05 -10.26	31.20 1.45 -5.23	40.62 1.88 -6.95	51.60 2.07 -9.79	46.17 2.30 -2.12	43.53 2.13 -4.04	40.05 2.06 -1.86	37.16 1.83 -5.34	32.94 1.81 0.00	30.50 1.67 0.00
RAVENSWOOD_GT3_2 24249	29.88 0.99 -12.17	29.11 0.62 -17.80	27.48 0.66 -15.66	27.47 0.63 -15.63	27.70 0.58 -15.89	29.49 0.82 -13.84	31.22 0.97 -11.91	30.79 0.61 -19.27	28.97 0.94 -12.28	27.81 0.73 -15.39	28.15 1.04 -9.20	28.17 1.06 -9.13	27.50 1.27 -5.71	27.66 1.14 -7.44	29.06 1.05 -10.26	31.20 1.45 -5.23	40.62 1.88 -6.95	51.60 2.07 -9.79	46.17 2.30 -2.12	43.53 2.13 -4.04	40.05 2.06 -1.86	37.16 1.83 -5.34	32.94 1.81 0.00	30.50 1.67 0.00
RAVENSWOOD_GT3_3 24250	29.90 1.00 -12.17	29.12 0.63 -17.80	27.49 0.67 -15.66	27.48 0.64 -15.63	27.71 0.59 -15.89	29.50 0.83 -13.84	31.23 0.99 -11.91	30.80 0.62 -19.27	28.99 0.96 -12.28	27.83 0.74 -15.39	28.19 1.08 -9.20	28.19 1.08 -9.13	27.52 1.29 -5.71	27.68 1.16 -7.44	29.08 1.06 -10.26	31.22 1.47 -5.23	40.65 1.91 -6.95	51.68 2.15 -9.79	46.22 2.34 -2.12	43.57 2.17 -4.04	40.09 2.10 -1.86	37.22 1.89 -5.34	32.97 1.84 0.00	30.53 1.70 0.00
RAVENSWOOD_GT3_4 24251	29.90 1.00 -12.17	29.12 0.63 -17.80	27.49 0.67 -15.66	27.48 0.64 -15.63	27.71 0.59 -15.89	29.50 0.83 -13.84	31.23 0.99 -11.91	30.80 0.62 -19.27	28.99 0.96 -12.28	27.83 0.74 -15.39	28.19 1.08 -9.20	28.19 1.08 -9.13	27.52 1.29 -5.71	27.68 1.16 -7.44	29.08 1.06 -10.26	31.22 1.47 -5.23	40.65 1.91 -6.95	51.68 2.15 -9.79	46.22 2.34 -2.12	43.57 2.17 -4.04	40.09 2.10 -1.86	37.22 1.89 -5.34	32.97 1.84 0.00	30.53 1.70 0.00

RAVENSWOOD_GT_1 23729	29.97 1.07 -12.17	29.16 0.67 -17.80	27.52 0.70 -15.66	27.51 0.67 -15.63	27.73 0.62 -15.89	29.50 0.83 -13.84	31.23 0.99 -11.91	30.79 0.61 -19.27	28.97 0.94 -12.28	27.83 0.74 -15.39	28.17 1.06 -9.20	28.17 1.06 -9.13	27.54 1.31 -5.71	27.70 1.18 -7.44	29.08 1.06 -10.26	31.20 1.45 -5.23	40.62 1.88 -6.95	51.64 2.11 -9.79	46.17 2.30 -2.12	43.53 2.13 -4.04	40.05 2.06 -1.86	37.22 1.89 -5.34	32.97 1.84 0.00	30.59 1.76 0.00
RAVENSWOOD_GT_10 24258	29.88 0.99 -12.17	29.11 0.62 -17.80	27.46 0.65 -15.66	27.47 0.63 -15.63	27.69 0.57 -15.89	29.49 0.82 -13.84	31.22 0.97 -11.91	30.79 0.61 -19.27	28.97 0.94 -12.28	27.81 0.73 -15.39	28.15 1.04 -9.20	28.17 1.06 -9.13	27.50 1.27 -5.71	27.66 1.14 -7.44	29.06 1.05 -10.26	31.20 1.45 -5.23	40.62 1.88 -6.95	51.64 2.11 -9.79	46.17 2.30 -2.12	43.53 2.13 -4.04	40.05 2.06 -1.86	37.16 1.83 -5.34	32.94 1.81 0.00	30.50 1.67 0.00
RAVENSWOOD_GT_11 24259	29.88 0.99 -12.17	29.11 0.62 -17.80	27.46 0.65 -15.66	27.47 0.63 -15.63	27.69 0.57 -15.89	29.49 0.82 -13.84	31.22 0.97 -11.91	30.79 0.61 -19.27	28.97 0.94 -12.28	27.81 0.73 -15.39	28.15 1.04 -9.20	28.17 1.06 -9.13	27.50 1.27 -5.71	27.66 1.14 -7.44	29.06 1.05 -10.26	31.20 1.45 -5.23	40.62 1.88 -6.95	51.64 2.11 -9.79	46.17 2.30 -2.12	43.53 2.13 -4.04	40.05 2.06 -1.86	37.16 1.83 -5.34	32.94 1.81 0.00	30.50 1.67 0.00
RAVENSWOOD_GT_4 24252	29.87 0.97 -12.17	29.11 0.62 -17.80	27.46 0.65 -15.66	27.46 0.62 -15.63	27.69 0.57 -15.89	29.49 0.82 -13.84	31.22 0.97 -11.91	30.79 0.61 -19.27	28.99 0.96 -12.28	27.81 0.73 -15.39	28.17 1.06 -9.20	28.17 1.06 -9.13	27.50 1.27 -5.71	27.66 1.14 -7.44	29.06 1.05 -10.26	31.20 1.45 -5.23	40.62 1.88 -6.95	51.64 2.11 -9.79	46.17 2.30 -2.12	43.53 2.13 -4.04	40.05 2.06 -1.86	37.16 1.83 -5.34	32.94 1.81 0.00	30.50 1.67 0.00
RAVENSWOOD_GT_5 24254	29.87 0.97 -12.17	29.11 0.62 -17.80	27.46 0.65 -15.66	27.46 0.62 -15.63	27.69 0.57 -15.89	29.49 0.82 -13.84	31.22 0.97 -11.91	30.79 0.61 -19.27	28.99 0.96 -12.28	27.81 0.73 -15.39	28.17 1.06 -9.20	28.17 1.06 -9.13	27.50 1.27 -5.71	27.66 1.14 -7.44	29.06 1.05 -10.26	31.20 1.45 -5.23	40.62 1.88 -6.95	51.64 2.11 -9.79	46.17 2.30 -2.12	43.53 2.13 -4.04	40.05 2.06 -1.86	37.16 1.83 -5.34	32.94 1.81 0.00	30.50 1.67 0.00
RAVENSWOOD_GT_6 24253	29.87 0.97 -12.17	29.11 0.62 -17.80	27.46 0.65 -15.66	27.46 0.62 -15.63	27.69 0.57 -15.89	29.49 0.82 -13.84	31.22 0.97 -11.91	30.79 0.61 -19.27	28.99 0.96 -12.28	27.81 0.73 -15.39	28.17 1.06 -9.20	28.17 1.06 -9.13	27.50 1.27 -5.71	27.66 1.14 -7.44	29.06 1.05 -10.26	31.20 1.45 -5.23	40.62 1.88 -6.95	51.64 2.11 -9.79	46.17 2.30 -2.12	43.53 2.13 -4.04	40.05 2.06 -1.86	37.16 1.83 -5.34	32.94 1.81 0.00	30.50 1.67 0.00
RAVENSWOOD_GT_7 24255	29.87 0.97 -12.17	29.11 0.62 -17.80	27.46 0.65 -15.66	27.46 0.62 -15.63	27.69 0.57 -15.89	29.49 0.82 -13.84	31.22 0.97 -11.91	30.79 0.61 -19.27	28.99 0.96 -12.28	27.81 0.73 -15.39	28.17 1.06 -9.20	28.17 1.06 -9.13	27.50 1.27 -5.71	27.66 1.14 -7.44	29.06 1.05 -10.26	31.20 1.45 -5.23	40.62 1.88 -6.95	51.64 2.11 -9.79	46.17 2.30 -2.12	43.53 2.13 -4.04	40.05 2.06 -1.86	37.16 1.83 -5.34	32.94 1.81 0.00	30.50 1.67 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	29.88 0.99 -12.17	29.11 0.62 -17.80	27.46 0.65 -15.66	27.47 0.63 -15.63	27.69 0.57 -15.89	29.49 0.82 -13.84	31.22 0.97 -11.91	30.79 0.61 -19.27	28.97 0.94 -12.28	27.81 0.73 -15.39	28.15 1.04 -9.20	28.17 1.06 -9.13	27.50 1.27 -5.71	27.66 1.14 -7.44	29.06 1.05 -10.26	31.20 1.45 -5.23	40.62 1.88 -6.95	51.64 2.11 -9.79	46.17 2.30 -2.12	43.53 2.13 -4.04	40.05 2.06 -1.86	37.16 1.83 -5.34	32.94 1.81 0.00	30.50 1.67 0.00
RAVENSWOOD_GT_9 24257	29.88 0.99 -12.17	29.11 0.62 -17.80	27.46 0.65 -15.66	27.47 0.63 -15.63	27.69 0.57 -15.89	29.49 0.82 -13.84	31.22 0.97 -11.91	30.79 0.61 -19.27	28.97 0.94 -12.28	27.81 0.73 -15.39	28.15 1.04 -9.20	28.17 1.06 -9.13	27.50 1.27 -5.71	27.66 1.14 -7.44	29.06 1.05 -10.26	31.20 1.45 -5.23	40.62 1.88 -6.95	51.64 2.11 -9.79	46.17 2.30 -2.12	43.53 2.13 -4.04	40.05 2.06 -1.86	37.16 1.83 -5.34	32.94 1.81 0.00	30.50 1.67 0.00
RAVENSWOOD___1 23533	29.95 1.05 -12.17	29.15 0.66 -17.80	27.51 0.69 -15.66	27.50 0.66 -15.63	27.78 0.66 -15.89	29.50 0.83 -13.84	31.22 0.97 -11.91	30.79 0.61 -19.27	28.97 0.94 -12.28	27.83 0.74 -15.39	28.15 1.04 -9.20	28.15 1.04 -9.13	27.52 1.29 -5.71	27.68 1.16 -7.44	29.08 1.06 -10.26	31.20 1.45 -5.23	40.62 1.88 -6.95	51.64 2.11 -9.79	46.17 2.29 -2.12	43.53 2.13 -4.04	40.05 2.06 -1.86	37.22 1.89 -5.34	33.01 1.87 0.00	30.56 1.73 0.00
RAVENSWOOD___2 23534	29.95 1.05 -12.17	29.15 0.66 -17.80	27.51 0.69 -15.66	27.49 0.65 -15.63	27.78 0.66 -15.89	29.49 0.82 -13.84	31.22 0.97 -11.91	30.79 0.61 -19.27	28.97 0.94 -12.28	27.83 0.74 -15.39	28.15 1.04 -9.20	28.15 1.04 -9.13	27.52 1.29 -5.71	27.68 1.16 -7.44	29.06 1.05 -10.26	31.20 1.45 -5.23	40.62 1.88 -6.95	51.60 2.07 -9.79	46.17 2.29 -2.12	43.53 2.13 -4.04	40.05 2.06 -1.86	37.22 1.89 -5.34	32.97 1.84 0.00	30.53 1.70 0.00
RAVENSWOOD___3 23535	29.88 0.99 -12.17	29.11 0.62 -17.80	27.48 0.66 -15.66	27.47 0.63 -15.63	27.74 0.63 -15.89	29.49 0.82 -13.84	31.22 0.97 -11.91	30.79 0.61 -19.27	28.97 0.94 -12.28	27.81 0.73 -15.39	28.15 1.04 -9.20	28.15 1.04 -9.13	27.50 1.27 -5.71	27.66 1.14 -7.44	29.06 1.05 -10.26	31.20 1.45 -5.23	40.62 1.88 -6.95	51.64 2.11 -9.79	46.17 2.29 -2.12	43.53 2.13 -4.04	40.05 2.06 -1.86	37.19 1.86 -5.34	32.97 1.84 0.00	30.50 1.67 0.00
RAVENSWOOD___4 23820	29.95 1.05 -12.17	29.15 0.66 -17.80	27.51 0.69 -15.66	27.49 0.65 -15.63	27.78 0.66 -15.89	29.49 0.82 -13.84	31.22 0.97 -11.91	30.78 0.60 -19.27	28.97 0.94 -12.28	27.81 0.73 -15.39	28.15 1.04 -9.20	28.15 1.04 -9.13	27.52 1.29 -5.71	27.68 1.16 -7.44	29.06 1.05 -10.26	31.17 1.42 -5.23	40.62 1.88 -6.95	51.60 2.07 -9.79	46.17 2.29 -2.12	43.49 2.09 -4.04	40.05 2.06 -1.86	37.22 1.89 -5.34	32.97 1.84 0.00	30.53 1.70 0.00
RCPI_TRUST___DRP 24196	29.88 0.99 -12.17	29.12 0.63 -17.80	27.47 0.66 -15.66	27.46 0.63 -15.63	27.68 0.57 -15.89	29.50 0.83 -13.84	31.23 0.99 -11.91	30.80 0.62 -19.26	29.00 0.98 -12.28	27.82 0.74 -15.38	28.17 1.06 -9.20	28.17 1.06 -9.13	27.52 1.29 -5.71	27.66 1.14 -7.44	29.06 1.05 -10.26	31.20 1.45 -5.23	40.62 1.88 -6.95	51.64 2.11 -9.79	46.17 2.30 -2.12	43.53 2.13 -4.04	40.05 2.06 -1.86	37.19 1.86 -5.34	32.94 1.81 0.00	30.50 1.67 0.00
RED___ROCHESTER 323720	19.65 0.15 -2.77	14.84 0.10 -4.05	14.82 0.10 -3.57	14.88 0.11 -3.56	14.94 0.10 -3.62	18.09 0.10 -3.15	21.03 -0.02 -2.71	15.22 -0.08 -4.39	18.40 -0.14 -2.80	15.14 -0.07 -3.50	19.99 -0.02 -2.09	20.02 -0.04 -2.08	21.77 -0.04 -1.30	20.76 -0.02 -1.69	20.05 -0.04 -2.34	25.61 -0.10 -1.19	33.41 0.03 -1.58	41.86 -0.12 -2.23	42.20 -0.04 -0.49	38.13 -0.15 -0.92	36.59 0.04 -0.42	31.18 -0.03 -1.22	31.01 -0.12 0.00	28.86 0.03 0.00

REGAN____SOLAR 323812	35.56 1.44 -17.40	37.07 0.94 -25.44	34.51 0.97 -22.38	34.54 0.99 -22.35	34.96 1.02 -22.72	36.03 1.41 -19.79	37.10 1.74 -17.02	39.53 1.08 -27.54	34.91 1.61 -17.55	34.79 1.10 -21.99	32.62 1.56 -13.14	32.74 1.71 -13.05	30.54 1.87 -8.16	31.49 1.77 -10.63	34.16 1.74 -14.67	34.62 2.63 -7.48	45.64 3.91 -9.94	58.90 5.16 -13.99	49.46 4.68 -3.03	47.54 4.41 -5.77	42.80 4.01 -2.66	40.95 3.33 -7.63	34.28 3.14 0.00	31.60 2.77 0.00
RENSSELAER____COGEN 23796	31.52 0.23 -14.56	32.14 0.16 -21.29	30.06 0.17 -18.74	30.07 0.16 -18.70	30.40 0.17 -19.01	31.62 0.22 -16.56	32.84 0.26 -14.25	34.11 0.15 -23.05	30.71 0.27 -14.69	30.30 0.19 -18.41	29.24 0.32 -11.00	29.23 0.32 -10.92	27.74 0.39 -6.83	28.34 0.36 -8.90	30.33 0.30 -12.28	31.27 0.49 -6.26	40.84 0.73 -8.32	52.37 0.91 -11.71	45.25 0.96 -2.54	43.01 0.82 -4.83	39.15 0.79 -2.23	37.01 0.63 -6.39	31.79 0.65 0.00	29.40 0.58 0.00
REPUBLIC_115KV_BARTNBRK 55605	33.71 1.97 -15.01	33.91 1.27 -21.95	31.77 1.31 -19.31	31.76 1.28 -19.28	32.19 1.37 -19.60	33.77 1.87 -17.07	35.33 2.31 -14.68	36.05 1.39 -23.76	32.97 2.08 -15.14	32.17 1.50 -18.97	31.50 2.24 -11.34	31.43 2.19 -11.26	30.00 2.44 -7.04	30.45 2.19 -9.17	32.48 2.08 -12.66	33.94 2.97 -6.45	44.72 4.36 -8.57	57.42 5.60 -12.07	49.97 5.60 -2.62	47.20 4.86 -4.98	42.87 4.44 -2.29	40.17 3.60 -6.58	35.00 3.86 0.00	32.49 3.66 0.00
REVERE_CPPR_DRP 24186	18.36 0.38 -1.25	12.77 0.25 -1.83	13.01 0.25 -1.61	13.08 0.27 -1.61	13.14 0.28 -1.64	16.66 0.40 -1.42	20.06 0.50 -1.23	13.21 0.32 -1.98	17.41 0.39 -1.26	13.55 0.27 -1.58	19.24 0.38 -0.95	19.30 0.38 -0.94	21.49 0.39 -0.59	20.25 0.40 -0.77	19.18 0.37 -1.06	25.65 0.59 -0.54	33.43 0.92 -0.72	42.18 1.43 -1.01	43.27 1.29 -0.22	39.05 1.27 -0.42	37.48 1.16 -0.19	31.41 0.87 -0.55	32.04 0.90 0.00	29.69 0.86 0.00
REYNOLDS_115KV_TB3 80639	31.68 0.37 -14.58	32.25 0.24 -21.32	30.18 0.26 -18.76	30.18 0.25 -18.73	30.52 0.26 -19.04	31.76 0.34 -16.59	33.01 0.40 -14.27	34.22 0.23 -23.08	30.82 0.36 -14.71	30.41 0.27 -18.44	29.38 0.45 -11.02	29.37 0.45 -10.94	27.87 0.51 -6.84	28.49 0.50 -8.91	30.49 0.44 -12.30	31.48 0.69 -6.27	41.08 0.95 -8.33	52.67 1.19 -11.73	45.55 1.25 -2.54	43.28 1.08 -4.84	39.41 1.05 -2.23	37.25 0.87 -6.40	32.04 0.90 0.00	29.66 0.84 0.00
RIVERBAY____ 323610	30.10 1.20 -12.17	29.25 0.76 -17.80	27.61 0.79 -15.66	27.60 0.76 -15.63	27.81 0.70 -15.89	29.56 0.89 -13.84	31.29 1.05 -11.91	30.82 0.64 -19.27	29.02 0.99 -12.28	27.86 0.77 -15.39	28.19 1.08 -9.20	28.19 1.08 -9.13	27.56 1.33 -5.71	27.72 1.20 -7.44	29.09 1.08 -10.26	31.22 1.47 -5.23	40.65 1.91 -6.95	51.68 2.15 -9.79	46.05 2.17 -2.12	43.57 2.17 -4.04	40.09 2.10 -1.86	37.25 1.92 -5.34	33.04 1.90 0.00	30.73 1.90 0.00
RIVERSDE_115KV_TB3 55908	31.64 0.30 -14.61	32.27 0.20 -21.37	30.18 0.21 -18.81	30.18 0.20 -18.77	30.52 0.21 -19.08	31.74 0.28 -16.62	32.98 0.35 -14.30	34.24 0.20 -23.14	30.82 0.33 -14.74	30.42 0.25 -18.48	29.35 0.39 -11.04	29.34 0.40 -10.96	27.84 0.47 -6.86	28.45 0.44 -8.93	30.46 0.39 -12.32	31.42 0.61 -6.28	41.00 0.86 -8.35	52.62 1.11 -11.76	45.43 1.13 -2.55	43.18 0.97 -4.85	39.30 0.94 -2.23	37.18 0.78 -6.41	31.95 0.81 0.00	29.55 0.72 0.00
ROARING____BROOK_WT_PWR 323790	15.90 -1.12 -0.29	10.47 -0.65 -0.43	10.84 -0.69 -0.38	10.84 -0.74 -0.38	10.89 -0.72 -0.38	14.20 -0.96 -0.34	17.76 -0.86 -0.29	10.92 -0.46 -0.47	15.27 -0.77 -0.30	11.49 -0.58 -0.37	17.23 -0.91 -0.22	17.32 -0.88 -0.22	19.58 -1.07 -0.14	18.23 -1.03 -0.18	17.07 -0.92 -0.25	23.40 -1.25 -0.13	30.82 -1.14 -0.17	39.19 -0.79 -0.24	41.14 -0.67 -0.05	36.83 -0.64 -0.10	35.24 -0.94 -0.05	29.19 -0.93 -0.13	30.30 -0.84 0.00	28.19 -0.63 0.00
ROCHESRG_115KV_T4 355643	19.49 0.00 -2.76	14.73 0.00 -4.04	14.72 0.01 -3.56	14.77 0.01 -3.55	14.85 0.02 -3.61	17.96 -0.01 -3.14	20.86 -0.18 -2.70	15.11 -0.17 -4.37	18.25 -0.28 -2.79	15.01 -0.19 -3.49	19.81 -0.20 -2.09	19.82 -0.23 -2.07	21.56 -0.25 -1.30	20.56 -0.21 -1.69	19.87 -0.21 -2.33	25.37 -0.34 -1.19	32.80 -0.57 -1.58	40.97 -0.99 -2.22	41.24 -1.00 -0.49	37.31 -0.97 -0.92	35.79 -0.76 -0.42	30.57 -0.63 -1.21	30.51 -0.62 0.00	28.37 -0.46 0.00
ROCHESTER_9_IC 23652	19.58 0.08 -2.77	14.80 0.05 -4.05	14.79 0.07 -3.57	14.83 0.07 -3.56	14.91 0.07 -3.62	18.04 0.06 -3.15	20.96 -0.09 -2.71	15.18 -0.12 -4.39	18.34 -0.20 -2.80	15.08 -0.13 -3.50	19.90 -0.11 -2.09	19.93 -0.13 -2.08	21.69 -0.12 -1.30	20.68 -0.10 -1.69	19.96 -0.12 -2.34	25.52 -0.20 -1.19	33.03 -0.35 -1.58	41.22 -0.76 -2.23	41.53 -0.71 -0.49	37.57 -0.71 -0.92	36.01 -0.54 -0.42	30.75 -0.45 -1.22	30.70 -0.44 0.00	28.54 -0.29 0.00
ROCKVIEW_13_KV_LD 356306	29.88 0.99 -12.17	29.11 0.62 -17.80	27.48 0.66 -15.66	27.47 0.63 -15.63	27.70 0.58 -15.89	29.50 0.83 -13.84	31.25 1.01 -11.91	30.81 0.63 -19.26	28.99 0.96 -12.28	27.82 0.74 -15.39	28.19 1.08 -9.20	28.19 1.08 -9.13	27.52 1.29 -5.71	27.68 1.16 -7.44	29.08 1.06 -10.26	31.25 1.50 -5.23	40.68 1.94 -6.95	51.80 2.27 -9.79	46.34 2.46 -2.12	43.68 2.28 -4.04	40.16 2.17 -1.86	37.25 1.92 -5.34	33.01 1.87 0.00	30.53 1.70 0.00
ROME____115KV_TB2 80656	18.36 0.38 -1.25	12.77 0.25 -1.83	13.01 0.25 -1.61	13.08 0.27 -1.61	13.14 0.28 -1.64	16.66 0.40 -1.42	20.06 0.50 -1.23	13.21 0.32 -1.98	17.41 0.39 -1.26	13.55 0.27 -1.58	19.24 0.38 -0.95	19.30 0.38 -0.94	21.49 0.39 -0.59	20.25 0.40 -0.77	19.18 0.37 -1.06	25.65 0.59 -0.54	33.43 0.92 -0.72	42.18 1.43 -1.01	43.27 1.29 -0.22	39.05 1.27 -0.42	37.48 1.16 -0.19	31.41 0.87 -0.55	32.04 0.90 0.00	29.69 0.86 0.00
ROSETON____1 23587	29.42 0.75 -11.94	28.63 0.47 -17.47	27.02 0.49 -15.37	27.03 0.48 -15.34	27.30 0.48 -15.60	29.05 0.64 -13.59	30.78 0.75 -11.69	30.29 0.47 -18.91	28.52 0.72 -12.05	27.35 0.55 -15.10	27.75 0.81 -9.03	27.75 0.81 -8.96	27.08 0.96 -5.61	27.26 0.88 -7.30	28.62 0.80 -10.07	30.81 1.15 -5.13	40.11 1.49 -6.82	51.10 1.75 -9.61	45.76 1.92 -2.08	43.05 1.72 -3.96	39.62 1.66 -1.83	36.70 1.47 -5.24	32.60 1.46 0.00	30.09 1.27 0.00
ROSETON____2 23588	29.42 0.75 -11.94	28.63 0.47 -17.47	27.02 0.49 -15.37	27.03 0.48 -15.34	27.30 0.48 -15.60	29.05 0.64 -13.59	30.78 0.75 -11.69	30.29 0.47 -18.91	28.52 0.72 -12.05	27.35 0.55 -15.10	27.75 0.81 -9.03	27.75 0.81 -8.96	27.08 0.96 -5.61	27.26 0.88 -7.30	28.62 0.80 -10.07	30.81 1.15 -5.13	40.11 1.49 -6.82	51.10 1.75 -9.61	45.76 1.92 -2.08	43.05 1.72 -3.96	39.62 1.66 -1.83	36.70 1.47 -5.24	32.60 1.46 0.00	30.09 1.27 0.00
ROTTDRAM_115KV_TB3 80664	32.49 0.59 -15.17	33.25 0.37 -22.19	31.07 0.39 -19.53	31.08 0.38 -19.49	31.43 0.39 -19.81	32.63 0.53 -17.26	33.82 0.64 -14.85	35.30 0.37 -24.02	31.62 0.57 -15.31	31.30 0.41 -19.18	30.01 0.63 -11.47	29.99 0.63 -11.38	28.35 0.72 -7.12	29.02 0.67 -9.27	31.17 0.62 -12.80	31.98 0.93 -6.52	41.73 1.27 -8.67	53.58 1.63 -12.21	46.07 1.67 -2.65	43.85 1.46 -5.03	39.86 1.41 -2.32	37.81 1.17 -6.66	32.35 1.21 0.00	29.95 1.12 0.00

RUSSELL___1 23602	19.65 0.15 -2.77	14.84 0.10 -4.05	14.82 0.10 -3.57	14.88 0.11 -3.56	14.95 0.11 -3.62	18.09 0.10 -3.15	21.03 -0.02 -2.71	15.22 -0.08 -4.39	18.40 -0.14 -2.80	15.14 -0.07 -3.50	19.99 -0.02 -2.09	20.01 -0.05 -2.08	21.77 -0.04 -1.30	20.76 -0.02 -1.69	20.05 -0.04 -2.34	25.64 -0.07 -1.19	33.18 -0.19 -1.58	41.46 -0.52 -2.23	41.82 -0.42 -0.49	37.80 -0.49 -0.92	36.23 -0.33 -0.42	30.93 -0.27 -1.22	30.86 -0.28 0.00	28.65 -0.17 0.00
RUSSELL___2 23532	19.65 0.15 -2.77	14.84 0.10 -4.05	14.82 0.10 -3.57	14.88 0.11 -3.56	14.95 0.11 -3.62	18.09 0.10 -3.15	21.03 -0.02 -2.71	15.22 -0.08 -4.39	18.40 -0.14 -2.80	15.14 -0.07 -3.50	19.99 -0.02 -2.09	20.01 -0.05 -2.08	21.77 -0.04 -1.30	20.76 -0.02 -1.69	20.05 -0.04 -2.34	25.64 -0.07 -1.19	33.18 -0.19 -1.58	41.46 -0.52 -2.23	41.82 -0.42 -0.49	37.80 -0.49 -0.92	36.23 -0.33 -0.42	30.93 -0.27 -1.22	30.86 -0.28 0.00	28.65 -0.17 0.00
RUSSELL___3 23549	19.65 0.15 -2.77	14.84 0.10 -4.05	14.82 0.10 -3.57	14.88 0.11 -3.56	14.95 0.11 -3.62	18.09 0.10 -3.15	21.03 -0.02 -2.71	15.22 -0.08 -4.39	18.40 -0.14 -2.80	15.14 -0.07 -3.50	19.99 -0.02 -2.09	20.01 -0.05 -2.08	21.77 -0.04 -1.30	20.76 -0.02 -1.69	20.05 -0.04 -2.34	25.64 -0.07 -1.19	33.18 -0.19 -1.58	41.46 -0.52 -2.23	41.82 -0.42 -0.49	37.80 -0.49 -0.92	36.23 -0.33 -0.42	30.93 -0.27 -1.22	30.86 -0.28 0.00	28.65 -0.17 0.00
RUSSELL___4 23556	19.65 0.15 -2.77	14.84 0.10 -4.05	14.82 0.10 -3.57	14.88 0.11 -3.56	14.95 0.11 -3.62	18.09 0.10 -3.15	21.03 -0.02 -2.71	15.22 -0.08 -4.39	18.40 -0.14 -2.80	15.14 -0.07 -3.50	19.99 -0.02 -2.09	20.01 -0.05 -2.08	21.77 -0.04 -1.30	20.76 -0.02 -1.69	20.05 -0.04 -2.34	25.64 -0.07 -1.19	33.18 -0.19 -1.58	41.46 -0.52 -2.23	41.82 -0.42 -0.49	37.80 -0.49 -0.92	36.23 -0.33 -0.42	30.93 -0.27 -1.22	30.86 -0.28 0.00	28.65 -0.17 0.00
RUSSELL___STATION 23914	19.65 0.15 -2.77	14.84 0.10 -4.05	14.82 0.10 -3.57	14.88 0.11 -3.56	14.95 0.11 -3.62	18.09 0.10 -3.15	21.03 -0.02 -2.71	15.22 -0.08 -4.39	18.40 -0.14 -2.80	15.14 -0.07 -3.50	19.99 -0.02 -2.09	20.01 -0.05 -2.08	21.77 -0.04 -1.30	20.76 -0.02 -1.69	20.05 -0.04 -2.34	25.64 -0.07 -1.19	33.18 -0.19 -1.58	41.46 -0.52 -2.23	41.82 -0.42 -0.49	37.80 -0.49 -0.92	36.23 -0.33 -0.42	30.93 -0.27 -1.22	30.86 -0.28 0.00	28.65 -0.17 0.00
S SALMON___HYD 24043	18.58 -0.15 -2.00	13.51 -0.11 -2.93	13.61 -0.12 -2.58	13.67 -0.11 -2.57	13.73 -0.11 -2.62	16.98 -0.13 -2.28	20.10 -0.20 -1.96	13.97 -0.20 -3.17	17.56 -0.21 -2.02	14.10 -0.14 -2.53	19.18 -0.25 -1.51	19.23 -0.25 -1.50	21.17 -0.29 -0.94	20.06 -0.25 -1.22	19.21 -0.23 -1.69	25.09 -0.29 -0.86	32.56 -0.38 -1.14	41.00 -0.36 -1.61	41.73 -0.38 -0.35	37.69 -0.34 -0.66	36.15 -0.29 -0.31	30.54 -0.33 -0.88	30.73 -0.41 0.00	28.45 -0.38 0.00
S.PERRY___115KV_TB1 80734	20.66 0.55 -3.38	15.95 0.32 -4.94	15.86 0.36 -4.35	15.92 0.37 -4.34	16.02 0.38 -4.41	19.15 0.47 -3.84	22.10 0.46 -3.31	16.48 0.22 -5.35	19.36 0.20 -3.41	16.08 0.11 -4.27	20.65 0.18 -2.55	20.62 0.11 -2.54	22.22 0.12 -1.59	21.28 0.13 -2.07	20.74 0.14 -2.85	26.22 0.25 -1.45	34.17 0.45 -1.93	43.02 0.56 -2.72	43.12 0.79 -0.57	39.20 0.71 -1.12	37.51 0.87 -0.52	32.13 0.66 -1.48	32.01 0.87 0.00	29.72 0.89 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	19.69 -0.22 -3.18	15.22 -0.12 -4.65	15.16 -0.09 -4.09	15.19 -0.10 -4.08	15.27 -0.10 -4.15	18.27 -0.18 -3.62	20.93 -0.51 -3.11	15.50 -0.45 -5.03	18.25 -0.71 -3.21	15.23 -0.49 -4.02	19.68 -0.65 -2.40	19.68 -0.68 -2.39	21.25 -0.76 -1.49	20.34 -0.69 -1.94	19.79 -0.64 -2.68	24.91 -0.98 -1.37	32.11 -1.49 -1.82	40.00 -2.31 -2.56	39.95 -2.30 -0.49	36.14 -2.28 -1.05	34.74 -1.88 -0.49	29.94 -1.44 -1.39	30.17 -0.97 0.00	28.16 -0.66 0.00
SAWYER___23_KV_LOAD 55526	19.69 -0.22 -3.18	15.22 -0.12 -4.65	15.16 -0.09 -4.09	15.19 -0.10 -4.08	15.27 -0.10 -4.15	18.27 -0.18 -3.62	20.93 -0.51 -3.11	15.50 -0.45 -5.03	18.25 -0.71 -3.21	15.23 -0.49 -4.02	19.68 -0.65 -2.40	19.68 -0.68 -2.39	21.25 -0.76 -1.49	20.34 -0.69 -1.94	19.79 -0.64 -2.68	24.91 -0.98 -1.37	32.11 -1.49 -1.82	40.00 -2.31 -2.56	39.95 -2.30 -0.49	36.14 -2.28 -1.05	34.74 -1.88 -0.49	29.94 -1.44 -1.39	30.17 -0.97 0.00	28.16 -0.66 0.00
SELKIRK___I 23801	31.58 0.33 -14.52	32.15 0.22 -21.24	30.08 0.23 -18.69	30.10 0.24 -18.65	30.42 0.24 -18.96	31.66 0.31 -16.52	32.91 0.37 -14.21	34.12 0.22 -22.99	30.74 0.35 -14.65	30.32 0.26 -18.36	29.28 0.39 -10.97	29.27 0.40 -10.89	27.80 0.47 -6.81	28.40 0.44 -8.87	30.38 0.39 -12.25	31.35 0.59 -6.24	40.91 0.83 -8.30	52.46 1.03 -11.68	45.37 1.08 -2.53	43.12 0.93 -4.82	39.29 0.94 -2.22	37.14 0.78 -6.37	31.95 0.81 0.00	29.52 0.69 0.00
SELKIRK___II 23799	31.55 0.32 -14.51	32.11 0.20 -21.22	30.04 0.21 -18.67	30.06 0.21 -18.64	30.39 0.22 -18.95	31.63 0.30 -16.50	32.88 0.35 -14.20	34.09 0.21 -22.97	30.72 0.33 -14.64	30.28 0.23 -18.34	29.26 0.38 -10.96	29.24 0.38 -10.89	27.77 0.45 -6.81	28.37 0.42 -8.87	30.36 0.37 -12.24	31.32 0.56 -6.24	40.91 0.83 -8.29	52.45 1.03 -11.67	45.37 1.08 -2.53	43.11 0.93 -4.81	39.25 0.90 -2.22	37.10 0.75 -6.36	31.92 0.78 0.00	29.49 0.66 0.00
SENECA OSWGO___HYD 24041	18.78 -0.12 -2.17	13.77 -0.10 -3.17	13.85 -0.10 -2.79	13.90 -0.09 -2.79	13.96 -0.09 -2.83	17.18 -0.12 -2.47	20.29 -0.17 -2.12	14.24 -0.11 -3.44	17.78 -0.16 -2.19	14.33 -0.12 -2.74	19.38 -0.18 -1.64	19.45 -0.16 -1.63	21.35 -0.18 -1.02	20.24 -0.17 -1.33	19.44 -0.14 -1.83	25.21 -0.25 -0.93	32.62 -0.41 -1.24	40.90 -0.60 -1.75	41.34 -0.79 -0.38	37.48 -0.60 -0.72	35.96 -0.51 -0.33	30.49 -0.45 -0.95	30.64 -0.50 0.00	28.37 -0.46 0.00
SENECA___115KV_TB3 355854	19.86 -0.12 -3.25	15.38 -0.06 -4.75	15.31 -0.03 -4.18	15.35 -0.03 -4.17	15.43 -0.03 -4.24	18.44 -0.09 -3.70	21.13 -0.39 -3.18	15.70 -0.36 -5.14	18.44 -0.58 -3.28	15.41 -0.40 -4.11	19.85 -0.52 -2.46	19.84 -0.58 -2.44	21.40 -0.64 -1.53	20.50 -0.57 -1.99	19.97 -0.51 -2.74	25.13 -0.78 -1.40	32.41 -1.24 -1.86	40.45 -1.91 -2.61	40.38 -1.88 -0.51	36.57 -1.87 -1.08	35.11 -1.52 -0.50	30.24 -1.17 -1.43	30.67 -0.47 0.00	28.60 -0.23 0.00
SENECA___ENERGY 23797	19.60 0.07 -2.81	14.82 0.02 -4.11	14.80 0.02 -3.62	14.85 0.03 -3.61	14.93 0.03 -3.67	18.09 0.06 -3.20	21.10 0.02 -2.75	15.35 -0.01 -4.45	18.54 -0.05 -2.84	15.22 -0.04 -3.55	19.99 -0.05 -2.12	20.03 -0.05 -2.11	21.79 -0.04 -1.32	20.76 -0.04 -1.72	20.08 -0.04 -2.37	25.68 -0.05 -1.21	33.43 0.03 -1.61	41.93 -0.08 -2.26	42.20 -0.04 -0.49	38.30 0.00 -0.93	36.63 0.07 -0.43	31.22 0.00 -1.23	31.08 -0.06 0.00	28.77 -0.06 0.00
SHOEMAKER___GT 23640	28.38 0.64 -11.02	27.20 0.40 -16.12	25.75 0.41 -14.18	25.77 0.40 -14.16	26.02 0.40 -14.39	27.90 0.53 -12.54	29.74 0.62 -10.78	28.75 0.39 -17.45	27.47 0.60 -11.12	26.09 0.46 -13.93	26.89 0.64 -8.33	26.88 0.63 -8.27	26.44 0.76 -5.17	26.48 0.67 -6.73	27.66 0.62 -9.29	30.17 0.91 -4.74	39.33 1.24 -6.30	50.04 1.43 -8.87	45.30 1.63 -1.92	42.44 1.42 -3.66	39.19 1.37 -1.68	36.02 1.20 -4.83	32.35 1.21 0.00	29.86 1.04 0.00

SHOEMAKR_138KV_BK 111 55601	28.32 0.64 -10.96	27.11 0.40 -16.03	25.67 0.41 -14.10	25.69 0.40 -14.08	25.91 0.38 -14.31	27.83 0.53 -12.47	29.68 0.62 -10.72	28.65 0.39 -17.35	27.40 0.60 -11.06	26.01 0.46 -13.85	26.84 0.65 -8.28	26.85 0.65 -8.22	26.42 0.76 -5.14	26.47 0.69 -6.70	27.63 0.64 -9.24	30.14 0.91 -4.71	39.26 1.21 -6.26	49.95 1.39 -8.82	45.25 1.59 -1.91	42.38 1.38 -3.63	39.14 1.34 -1.68	35.96 1.17 -4.81	32.32 1.18 0.00	29.87 1.04 0.00
SHOREHAM_IC_1 23715	30.45 1.56 -12.17	29.38 0.89 -17.80	27.78 0.96 -15.66	27.78 0.94 -15.63	28.02 0.91 -15.89	29.83 1.16 -13.84	31.73 1.48 -11.91	31.12 0.94 -19.27	29.48 1.43 -12.30	28.13 1.04 -15.39	28.51 1.40 -9.20	28.46 1.35 -9.13	27.95 1.72 -5.71	28.28 1.72 -7.48	29.87 1.81 -10.31	40.46 2.77 -13.16	82.91 3.59 -47.53	195.93 3.58 -152.61	205.67 4.97 -158.95	135.28 4.00 -93.92	104.00 3.97 -63.90	76.89 3.42 -43.48	45.91 3.43 -11.35	31.43 2.56 -0.04
SHOREHAM_IC_2 23716	30.45 1.56 -12.17	29.38 0.89 -17.80	27.78 0.96 -15.66	27.78 0.94 -15.63	28.02 0.91 -15.89	29.83 1.16 -13.84	31.73 1.48 -11.91	31.12 0.94 -19.27	29.48 1.43 -12.30	28.13 1.04 -15.39	28.51 1.40 -9.20	28.46 1.35 -9.13	27.95 1.72 -5.71	28.28 1.72 -7.48	29.87 1.81 -10.31	40.46 2.77 -13.16	82.91 3.59 -47.53	195.93 3.58 -152.61	205.67 4.97 -158.95	135.28 4.00 -93.92	104.00 3.97 -63.90	76.89 3.42 -43.48	45.91 3.43 -11.35	31.43 2.56 -0.04
SISSONVILLE____ 23735	15.42 -1.92 -0.62	10.53 -1.06 -0.90	10.80 -1.15 -0.79	10.71 -1.29 -0.79	10.79 -1.23 -0.81	13.84 -1.69 -0.70	17.62 -1.32 -0.60	11.29 -0.60 -0.98	15.25 -1.12 -0.62	11.63 -0.85 -0.78	16.99 -1.40 -0.47	17.13 -1.31 -0.46	19.14 -1.66 -0.29	17.82 -1.64 -0.38	16.74 -1.53 -0.52	22.68 -2.11 -0.27	30.46 -1.68 -0.35	39.64 -0.60 -0.50	41.53 -0.33 -0.11	37.27 -0.30 -0.20	35.14 -1.08 -0.09	28.94 -1.32 -0.27	29.58 -1.56 0.00	27.65 -1.18 0.00
SITHE_IND_GS1 24169	18.30 -0.32 -1.89	13.24 -0.21 -2.77	13.37 -0.22 -2.43	13.42 -0.21 -2.43	13.47 -0.22 -2.47	16.69 -0.30 -2.15	19.80 -0.39 -1.85	13.67 -0.24 -3.00	17.30 -0.36 -1.91	13.84 -0.26 -2.39	18.95 -0.39 -1.43	19.00 -0.40 -1.42	20.95 -0.45 -0.89	19.84 -0.40 -1.16	18.97 -0.37 -1.60	24.75 -0.59 -0.81	31.98 -0.89 -1.08	40.08 -1.19 -1.52	40.75 -1.34 -0.33	36.83 -1.16 -0.63	35.34 -1.08 -0.29	29.95 -0.87 -0.83	30.20 -0.93 0.00	27.99 -0.84 0.00
SITHE_IND_GS2 24170	18.30 -0.32 -1.89	13.24 -0.21 -2.77	13.37 -0.22 -2.43	13.42 -0.21 -2.43	13.47 -0.22 -2.47	16.69 -0.30 -2.15	19.80 -0.39 -1.85	13.67 -0.24 -3.00	17.30 -0.36 -1.91	13.84 -0.26 -2.39	18.95 -0.39 -1.43	19.00 -0.40 -1.42	20.95 -0.45 -0.89	19.84 -0.40 -1.16	18.97 -0.37 -1.60	24.75 -0.59 -0.81	31.98 -0.89 -1.08	40.08 -1.19 -1.52	40.75 -1.34 -0.33	36.83 -1.16 -0.63	35.34 -1.08 -0.29	29.95 -0.87 -0.83	30.20 -0.93 0.00	27.99 -0.84 0.00
SITHE_IND_GS3 24171	18.30 -0.32 -1.89	13.24 -0.21 -2.77	13.37 -0.22 -2.43	13.42 -0.21 -2.43	13.47 -0.22 -2.47	16.69 -0.30 -2.15	19.80 -0.39 -1.85	13.67 -0.24 -3.00	17.30 -0.36 -1.91	13.84 -0.26 -2.39	18.95 -0.39 -1.43	19.00 -0.40 -1.42	20.95 -0.45 -0.89	19.84 -0.40 -1.16	18.97 -0.37 -1.60	24.75 -0.59 -0.81	31.98 -0.89 -1.08	40.08 -1.19 -1.52	40.75 -1.34 -0.33	36.83 -1.16 -0.63	35.34 -1.08 -0.29	29.95 -0.87 -0.83	30.20 -0.93 0.00	27.99 -0.84 0.00
SITHE_IND_GS4 24172	18.30 -0.32 -1.89	13.24 -0.21 -2.77	13.37 -0.22 -2.43	13.42 -0.21 -2.43	13.47 -0.22 -2.47	16.69 -0.30 -2.15	19.80 -0.39 -1.85	13.67 -0.24 -3.00	17.30 -0.36 -1.91	13.84 -0.26 -2.39	18.95 -0.39 -1.43	19.00 -0.40 -1.42	20.95 -0.45 -0.89	19.84 -0.40 -1.16	18.97 -0.37 -1.60	24.75 -0.59 -0.81	31.98 -0.89 -1.08	40.08 -1.19 -1.52	40.75 -1.34 -0.33	36.83 -1.16 -0.63	35.34 -1.08 -0.29	29.95 -0.87 -0.83	30.20 -0.93 0.00	27.99 -0.84 0.00
SITHE____BATAVIA 24024	19.75 -0.07 -3.09	15.17 -0.03 -4.51	15.12 -0.01 -3.97	15.16 -0.01 -3.96	15.24 -0.01 -4.03	18.27 -0.07 -3.51	20.95 -0.40 -3.02	15.42 -0.37 -4.88	18.26 -0.60 -3.11	15.19 -0.41 -3.90	19.73 -0.52 -2.33	19.72 -0.58 -2.31	21.35 -0.61 -1.45	20.40 -0.57 -1.89	19.80 -0.55 -2.60	25.09 -0.76 -1.33	32.76 -0.79 -1.76	41.04 -1.19 -2.48	41.11 -1.13 -0.48	37.27 -1.12 -1.02	36.44 -0.14 -0.46	31.09 -0.21 -1.31	30.86 -0.28 0.00	28.80 -0.03 0.00
SITHE____INDEPEND 23800	18.30 -0.32 -1.89	13.24 -0.21 -2.77	13.37 -0.22 -2.43	13.42 -0.21 -2.43	13.48 -0.21 -2.47	16.69 -0.30 -2.15	19.80 -0.39 -1.85	13.67 -0.24 -3.00	17.29 -0.36 -1.91	13.84 -0.26 -2.39	18.95 -0.39 -1.43	19.00 -0.40 -1.42	20.95 -0.45 -0.89	19.84 -0.40 -1.16	18.97 -0.37 -1.60	24.75 -0.59 -0.81	32.01 -0.86 -1.08	40.11 -1.15 -1.52	40.83 -1.25 -0.33	36.87 -1.12 -0.63	35.37 -1.05 -0.29	29.98 -0.84 -0.83	30.27 -0.87 0.00	28.02 -0.81 0.00
SITHE____MASSENA 23902	15.17 -2.04 -0.49	10.28 -1.12 -0.71	10.57 -1.22 -0.63	10.46 -1.37 -0.63	10.54 -1.31 -0.64	13.58 -1.81 -0.55	17.40 -1.41 -0.48	11.04 -0.64 -0.77	15.04 -1.20 -0.49	11.41 -0.91 -0.62	16.82 -1.47 -0.37	16.96 -1.38 -0.37	19.02 -1.72 -0.23	17.64 -1.74 -0.30	16.56 -1.60 -0.41	22.50 -2.23 -0.21	30.19 -1.88 -0.28	39.30 -0.84 -0.39	41.30 -0.54 -0.08	37.04 -0.49 -0.16	34.91 -1.30 -0.07	28.73 -1.47 -0.21	29.83 -1.31 0.00	27.93 -0.89 0.00
SITHE____OGDNSBRG 24021	15.47 -1.82 -0.57	10.53 -0.98 -0.83	10.80 -1.08 -0.73	10.72 -1.21 -0.73	10.81 -1.16 -0.74	13.89 -1.59 -0.64	17.75 -1.14 -0.55	11.33 -0.48 -0.90	15.34 -0.98 -0.57	11.65 -0.77 -0.72	17.07 -1.27 -0.43	17.22 -1.19 -0.43	19.24 -1.54 -0.27	17.90 -1.53 -0.35	16.81 -1.42 -0.48	22.83 -1.94 -0.24	30.75 -1.37 -0.32	40.16 -0.04 -0.46	42.15 0.29 -0.10	37.81 0.26 -0.19	35.60 -0.61 -0.09	29.28 -0.96 -0.25	29.92 -1.21 0.00	27.99 -0.84 0.00
SITHE____STERLING 23777	18.53 0.37 -1.44	13.02 0.22 -2.10	13.24 0.23 -1.85	13.31 0.26 -1.85	13.36 0.26 -1.88	16.82 0.36 -1.63	20.18 0.44 -1.41	13.46 0.27 -2.27	17.56 0.36 -1.45	13.76 0.25 -1.82	19.34 0.34 -1.09	19.42 0.36 -1.08	21.56 0.37 -0.67	20.34 0.38 -0.88	19.32 0.35 -1.21	25.68 0.54 -0.62	33.41 0.80 -0.82	42.01 1.11 -1.16	43.01 1.00 -0.25	38.85 1.01 -0.48	37.29 0.94 -0.22	31.34 0.72 -0.63	31.85 0.72 0.00	29.55 0.72 0.00
SLEIGHT__34_KV_TB1 80719	19.44 -0.02 -2.73	14.65 -0.03 -3.99	14.65 -0.02 -3.51	14.70 -0.01 -3.51	14.77 -0.01 -3.56	17.91 -0.03 -3.10	20.90 -0.11 -2.67	15.12 -0.11 -4.32	18.33 -0.17 -2.75	15.03 -0.12 -3.45	19.85 -0.13 -2.06	19.90 -0.13 -2.05	21.65 -0.14 -1.28	20.64 -0.11 -1.67	19.94 -0.11 -2.30	25.50 -0.20 -1.17	33.06 -0.29 -1.56	41.42 -0.52 -2.20	41.61 -0.63 -0.48	37.75 -0.52 -0.91	36.15 -0.40 -0.42	30.83 -0.36 -1.20	30.73 -0.40 0.00	28.48 -0.35 0.00
SOUTH CAIRO____GT 23612	31.52 0.95 -13.85	31.54 0.60 -20.25	29.59 0.61 -17.82	29.60 0.60 -17.79	29.95 0.65 -18.08	31.47 0.89 -15.75	32.89 1.01 -13.55	33.44 0.61 -21.92	30.65 0.93 -13.97	29.84 0.63 -17.50	29.22 0.84 -10.46	29.19 0.83 -10.39	27.93 0.92 -6.50	28.34 0.80 -8.46	30.22 0.80 -11.68	31.82 1.35 -5.95	42.18 2.48 -7.91	54.22 3.34 -11.14	47.68 3.51 -2.41	44.91 2.95 -4.59	41.03 2.78 -2.12	38.22 2.16 -6.07	33.19 2.05 0.00	30.64 1.82 0.00

SOUTH HAMPTN___IC 23720	30.65 1.76 -12.17	29.50 1.02 -17.80	27.91 1.09 -15.66	27.92 1.08 -15.63	28.16 1.04 -15.89	30.03 1.35 -13.84	31.95 1.71 -11.91	31.26 1.08 -19.27	29.68 1.64 -12.30	28.27 1.18 -15.39	28.71 1.59 -9.20	28.66 1.55 -9.13	28.18 1.95 -5.71	28.51 1.95 -7.48	30.08 2.02 -10.31	40.68 3.09 -13.07	82.87 4.04 -47.04	194.82 4.09 -150.98	204.50 5.63 -157.11	134.70 4.48 -92.85	103.72 4.44 -63.15	76.81 3.81 -43.02	46.14 3.80 -11.21	31.78 2.91 -0.04
SOUTHDOW_115KV_TB1 355954	20.26 0.17 -3.37	15.75 0.13 -4.93	15.67 0.18 -4.34	15.75 0.21 -4.33	15.85 0.22 -4.40	18.95 0.28 -3.83	21.78 0.15 -3.30	16.22 -0.02 -5.34	19.04 -0.11 -3.40	15.88 -0.08 -4.26	20.37 -0.09 -2.55	20.38 -0.13 -2.53	21.93 -0.16 -1.58	21.01 -0.13 -2.06	20.52 -0.07 -2.84	25.87 -0.10 -1.45	33.49 -0.22 -1.93	42.10 -0.36 -2.71	41.96 -0.33 -0.54	38.07 -0.41 -1.12	36.50 -0.14 -0.52	31.41 -0.06 -1.48	32.04 0.90 0.00	29.81 0.98 0.00
SOUTHOLD_69_KV_BK 2 55809	30.92 2.02 -12.17	29.68 1.19 -17.80	28.08 1.26 -15.66	28.06 1.22 -15.63	28.28 1.17 -15.89	30.26 1.59 -13.84	32.26 2.02 -11.91	31.44 1.27 -19.27	29.96 1.92 -12.30	28.47 1.38 -15.39	29.00 1.88 -9.20	28.98 1.87 -9.13	28.50 2.28 -5.71	28.81 2.25 -7.48	30.38 2.33 -10.31	41.11 3.53 -13.06	83.42 4.61 -47.02	195.43 4.77 -150.92	204.90 6.10 -157.05	135.33 5.16 -92.81	104.31 5.06 -63.12	77.28 4.29 -43.00	46.64 4.30 -11.20	32.30 3.43 -0.04
SOUTHOLD___IC 23719	30.92 2.02 -12.17	29.68 1.19 -17.80	28.10 1.28 -15.66	28.11 1.27 -15.63	28.35 1.23 -15.89	30.26 1.59 -13.84	32.26 2.02 -11.91	31.44 1.27 -19.27	29.95 1.90 -12.30	28.47 1.38 -15.39	29.00 1.88 -9.20	28.95 1.83 -9.13	28.50 2.28 -5.71	28.81 2.25 -7.48	30.40 2.34 -10.31	41.12 3.53 -13.07	83.49 4.67 -47.02	195.55 4.89 -150.92	205.31 6.51 -157.05	135.37 5.19 -92.81	104.38 5.13 -63.12	77.34 4.35 -43.00	46.67 4.33 -11.20	32.27 3.40 -0.04
SOUTH_FORK_WT_PWR 323839	30.97 2.07 -12.17	29.71 1.22 -17.80	28.10 1.28 -15.66	28.08 1.24 -15.63	28.32 1.20 -15.89	30.31 1.63 -13.84	32.30 2.05 -11.91	31.47 1.29 -19.27	30.00 1.95 -12.30	28.49 1.40 -15.39	29.01 1.90 -9.20	29.02 1.91 -9.13	28.54 2.32 -5.71	28.85 2.29 -7.48	30.42 2.36 -10.31	41.16 3.58 -13.06	83.49 4.67 -47.03	195.51 4.81 -150.95	205.10 6.26 -157.08	135.43 5.23 -92.83	104.40 5.13 -63.14	77.35 4.35 -43.01	46.73 4.39 -11.21	32.36 3.49 -0.04
SPIERFLS_115KV_TB 1 80737	32.86 1.10 -15.03	33.38 0.72 -21.98	31.23 0.74 -19.34	31.24 0.73 -19.30	31.62 0.77 -19.62	32.96 1.04 -17.09	34.32 1.28 -14.70	35.43 0.73 -23.79	32.01 1.10 -15.16	31.50 0.80 -19.00	30.49 1.22 -11.36	30.40 1.15 -11.27	28.84 1.27 -7.05	29.43 1.16 -9.18	31.54 1.12 -12.67	32.53 1.54 -6.46	42.51 2.13 -8.59	54.62 2.78 -12.09	47.26 2.88 -2.62	44.74 2.39 -4.98	40.63 2.20 -2.30	38.35 1.77 -6.59	33.32 2.18 0.00	30.99 2.16 0.00
ST LAWRENCE___ 23600	14.96 -2.22 -0.46	10.11 -1.25 -0.67	10.40 -1.35 -0.59	10.31 -1.49 -0.59	10.37 -1.45 -0.60	13.38 -1.97 -0.52	17.19 -1.60 -0.45	10.87 -0.77 -0.73	14.84 -1.37 -0.46	11.25 -1.03 -0.58	16.62 -1.65 -0.35	16.76 -1.56 -0.35	18.78 -1.95 -0.22	17.44 -1.93 -0.28	16.36 -1.77 -0.39	22.24 -2.48 -0.20	29.83 -2.23 -0.26	38.76 -1.35 -0.37	40.75 -1.09 -0.08	36.55 -0.97 -0.15	34.50 -1.70 -0.07	28.39 -1.80 -0.20	29.49 -1.65 0.00	27.59 -1.24 0.00
STATE_CA_115KV_115_LB 55624	31.75 0.32 -14.71	32.40 0.20 -21.50	30.29 0.21 -18.92	30.31 0.21 -18.89	30.65 0.22 -19.20	31.85 0.30 -16.73	33.07 0.35 -14.39	34.40 0.21 -23.28	30.93 0.35 -14.84	30.55 0.26 -18.59	29.44 0.41 -11.11	29.44 0.43 -11.03	27.91 0.49 -6.90	28.53 0.46 -8.99	30.56 0.41 -12.40	31.48 0.64 -6.32	41.08 0.89 -8.40	52.73 1.15 -11.83	45.49 1.17 -2.56	43.25 1.01 -4.88	39.35 0.98 -2.25	37.22 0.78 -6.45	31.95 0.81 0.00	29.55 0.72 0.00
STATE_ST_34_KV_LOAD 55959	19.71 0.20 -2.79	14.87 0.11 -4.08	14.85 0.11 -3.59	14.91 0.12 -3.58	14.99 0.13 -3.64	18.19 0.19 -3.17	21.26 0.20 -2.73	15.44 0.12 -4.41	18.72 0.16 -2.81	15.33 0.11 -3.52	20.20 0.18 -2.11	20.25 0.18 -2.09	22.05 0.23 -1.31	21.01 0.23 -1.70	20.31 0.21 -2.35	25.99 0.27 -1.20	33.73 0.35 -1.59	42.38 0.40 -2.24	42.83 0.58 -0.49	38.62 0.34 -0.92	36.95 0.40 -0.43	31.48 0.27 -1.22	31.42 0.28 0.00	29.06 0.23 0.00
STATION 5_MISC_HYD 23604	19.58 0.08 -2.77	14.80 0.05 -4.05	14.79 0.07 -3.57	14.83 0.07 -3.56	14.91 0.07 -3.62	18.04 0.06 -3.15	20.96 -0.09 -2.71	15.18 -0.12 -4.39	18.34 -0.21 -2.80	15.08 -0.13 -3.50	19.91 -0.11 -2.09	19.93 -0.12 -2.08	21.69 -0.12 -1.30	20.68 -0.09 -1.69	19.96 -0.12 -2.34	25.52 -0.20 -1.19	33.25 -0.13 -1.58	41.62 -0.36 -2.23	41.95 -0.29 -0.49	37.95 -0.34 -0.92	36.41 -0.14 -0.42	31.00 -0.21 -1.22	30.86 -0.28 0.00	28.74 -0.09 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	19.69 0.20 -2.76	14.83 0.11 -4.04	14.83 0.12 -3.55	14.89 0.13 -3.55	14.96 0.13 -3.61	18.13 0.16 -3.14	21.15 0.11 -2.70	15.30 0.02 -4.37	18.53 0.00 -2.79	15.22 0.02 -3.49	20.09 0.09 -2.09	20.12 0.07 -2.07	21.89 0.08 -1.30	20.85 0.08 -1.69	20.15 0.07 -2.33	25.78 0.07 -1.19	33.46 0.10 -1.58	41.85 -0.12 -2.22	42.07 -0.17 -0.48	38.20 -0.07 -0.92	36.59 0.04 -0.42	31.20 0.00 -1.21	31.14 0.00 0.00	28.89 0.06 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	19.49 0.00 -2.76	14.72 -0.01 -4.04	14.71 0.00 -3.55	14.75 0.00 -3.55	14.83 0.00 -3.60	17.94 -0.03 -3.14	20.85 -0.18 -2.70	15.12 -0.16 -4.37	18.27 -0.27 -2.78	15.03 -0.16 -3.49	19.82 -0.18 -2.09	19.85 -0.20 -2.07	21.60 -0.21 -1.30	20.60 -0.17 -1.69	19.88 -0.20 -2.33	25.41 -0.29 -1.19	32.89 -0.48 -1.58	41.13 -0.83 -2.22	41.40 -0.84 -0.48	37.46 -0.82 -0.92	35.90 -0.65 -0.42	30.66 -0.54 -1.21	30.58 -0.56 0.00	28.40 -0.43 0.00
STA_56___34_KV_BUS2 355983	19.49 0.00 -2.76	14.72 -0.01 -4.04	14.71 0.00 -3.55	14.75 0.00 -3.55	14.83 0.00 -3.60	17.94 -0.03 -3.14	20.85 -0.18 -2.70	15.12 -0.16 -4.37	18.27 -0.27 -2.78	15.03 -0.16 -3.49	19.82 -0.18 -2.09	19.85 -0.20 -2.07	21.60 -0.21 -1.30	20.60 -0.17 -1.69	19.88 -0.20 -2.33	25.41 -0.29 -1.19	32.89 -0.48 -1.58	41.13 -0.83 -2.22	41.40 -0.84 -0.48	37.46 -0.82 -0.92	35.90 -0.65 -0.42	30.66 -0.54 -1.21	30.58 -0.56 0.00	28.40 -0.43 0.00
STA_67___115KV_BK2 355882	19.55 0.05 -2.77	14.77 0.03 -4.05	14.77 0.04 -3.57	14.82 0.06 -3.56	14.89 0.06 -3.62	18.01 0.03 -3.15	20.94 -0.11 -2.71	15.15 -0.14 -4.39	18.31 -0.24 -2.80	15.06 -0.14 -3.50	19.87 -0.14 -2.09	19.90 -0.16 -2.08	21.65 -0.16 -1.30	20.64 -0.13 -1.69	19.93 -0.16 -2.34	25.47 -0.25 -1.19	32.93 -0.45 -1.58	41.14 -0.83 -2.23	41.45 -0.79 -0.49	37.46 -0.82 -0.92	35.94 -0.61 -0.42	30.69 -0.51 -1.22	30.64 -0.50 0.00	28.48 -0.35 0.00
STA_7___115KV_9TRANS 80674	19.65 0.15 -2.77	14.84 0.10 -4.05	14.82 0.10 -3.57	14.88 0.11 -3.56	14.95 0.11 -3.62	18.09 0.10 -3.15	21.03 -0.02 -2.71	15.22 -0.08 -4.39	18.40 -0.14 -2.80	15.14 -0.07 -3.50	19.99 -0.02 -2.09	20.01 -0.05 -2.08	21.77 -0.04 -1.30	20.76 -0.02 -1.69	20.05 -0.04 -2.34	25.64 -0.07 -1.19	33.18 -0.19 -1.58	41.46 -0.52 -2.23	41.82 -0.42 -0.49	37.80 -0.49 -0.92	36.23 -0.33 -0.42	30.93 -0.27 -1.22	30.86 -0.28 0.00	28.65 -0.17 0.00

STA_82___115KV_TB1 80780	19.57 0.07 -2.78	14.79 0.04 -4.06	14.79 0.06 -3.57	14.83 0.06 -3.57	14.90 0.06 -3.63	18.03 0.04 -3.16	20.94 -0.11 -2.72	15.18 -0.13 -4.40	18.33 -0.22 -2.80	15.07 -0.14 -3.51	19.89 -0.13 -2.10	19.92 -0.14 -2.08	21.65 -0.16 -1.30	20.65 -0.13 -1.70	19.95 -0.14 -2.34	25.47 -0.25 -1.19	32.96 -0.41 -1.59	41.18 -0.79 -2.23	41.49 -0.75 -0.49	37.50 -0.78 -0.92	35.98 -0.58 -0.42	30.73 -0.48 -1.22	30.64 -0.50 0.00	28.48 -0.35 0.00
STEEL___WIND 323596	19.84 -0.13 -3.25	15.37 -0.07 -4.75	15.29 -0.04 -4.18	15.34 -0.04 -4.17	15.42 -0.04 -4.24	18.42 -0.10 -3.70	21.11 -0.40 -3.18	15.68 -0.37 -5.14	18.43 -0.60 -3.28	15.40 -0.41 -4.11	19.84 -0.54 -2.46	19.84 -0.58 -2.44	21.38 -0.66 -1.53	20.48 -0.59 -1.99	19.94 -0.55 -2.74	25.11 -0.81 -1.40	32.76 -0.89 -1.86	41.09 -1.27 -2.61	40.92 -1.34 -0.51	37.13 -1.31 -1.08	35.69 -0.94 -0.49	30.63 -0.78 -1.42	30.36 -0.78 0.00	28.34 -0.49 0.00
STEPHTWN_115KV_BK_2 55603	31.72 0.43 -14.56	32.27 0.29 -21.29	30.18 0.29 -18.74	30.19 0.28 -18.70	30.54 0.30 -19.01	31.79 0.40 -16.56	33.08 0.50 -14.25	34.28 0.32 -23.05	30.93 0.49 -14.69	30.46 0.35 -18.41	29.49 0.57 -11.00	29.46 0.56 -10.92	27.98 0.64 -6.83	28.57 0.59 -8.90	30.56 0.53 -12.28	31.59 0.81 -6.26	41.29 1.18 -8.32	52.97 1.51 -11.71	45.84 1.54 -2.54	43.54 1.35 -4.83	39.66 1.30 -2.23	37.42 1.05 -6.39	32.17 1.03 0.00	29.75 0.92 0.00
STEUBEN_REC_LFGE 323667	20.87 0.27 -3.88	16.51 0.15 -5.67	16.31 0.17 -4.99	16.36 0.18 -4.98	16.48 0.20 -5.06	19.52 0.28 -4.41	22.35 0.22 -3.79	17.11 0.07 -6.14	19.66 0.00 -3.91	16.56 -0.05 -4.90	20.74 -0.11 -2.93	20.74 -0.14 -2.91	22.15 -0.18 -1.82	21.30 -0.15 -2.37	20.93 -0.09 -3.27	26.09 -0.10 -1.67	33.88 -0.13 -2.21	42.74 -0.12 -3.12	42.46 0.04 -0.66	38.80 0.15 -1.29	37.08 0.36 -0.59	31.99 0.30 -1.70	31.92 0.78 0.00	29.66 0.84 0.00
STILLWATER___SOLAR 323814	32.57 0.89 -14.95	33.13 0.58 -21.87	30.99 0.59 -19.24	31.00 0.58 -19.21	31.37 0.62 -19.53	32.66 0.82 -17.01	33.98 1.01 -14.63	35.16 0.58 -23.67	31.70 0.87 -15.09	31.24 0.63 -18.91	30.18 0.97 -11.30	30.17 0.97 -11.22	28.60 1.07 -7.02	29.21 0.99 -9.14	31.30 0.94 -12.61	32.32 1.37 -6.43	42.27 1.94 -8.54	54.32 2.55 -12.03	46.95 2.59 -2.61	44.57 2.24 -4.96	40.51 2.09 -2.29	38.26 1.71 -6.56	33.01 1.87 0.00	30.53 1.70 0.00
STONY___BROOK 24151	30.35 1.45 -12.17	29.32 0.83 -17.80	27.71 0.89 -15.66	27.72 0.87 -15.63	27.96 0.84 -15.89	29.76 1.08 -13.84	31.64 1.39 -11.91	31.06 0.88 -19.27	29.40 1.35 -12.30	28.07 0.98 -15.39	28.42 1.31 -9.20	28.37 1.26 -9.13	27.85 1.62 -5.71	28.19 1.62 -7.49	29.77 1.70 -10.31	41.49 2.67 -14.30	88.50 3.40 -53.31	215.63 3.30 -172.59	227.48 4.68 -181.05	147.74 3.74 -106.64	112.59 3.72 -72.73	82.20 3.30 -48.91	47.40 3.30 -12.96	31.30 2.42 -0.05
STURGEON_POOL_HYD 23609	29.95 0.70 -12.52	29.43 0.43 -18.31	27.73 0.46 -16.11	27.74 0.45 -16.08	27.99 0.42 -16.35	29.65 0.58 -14.24	31.25 0.66 -12.25	31.14 0.40 -19.82	29.03 0.65 -12.63	28.02 0.49 -15.83	28.06 0.68 -9.46	28.06 0.68 -9.39	27.19 0.80 -5.88	27.44 0.71 -7.65	28.97 0.66 -10.56	30.88 0.98 -5.38	40.31 1.37 -7.15	51.37 1.55 -10.07	45.65 1.71 -2.18	43.09 1.57 -4.15	39.56 1.52 -1.91	36.83 1.35 -5.49	32.45 1.31 0.00	29.98 1.15 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	28.66 0.70 -11.23	27.56 0.45 -16.42	26.06 0.46 -14.45	26.08 0.45 -14.42	26.31 0.43 -14.66	28.20 0.59 -12.77	30.02 0.70 -10.99	29.12 0.44 -17.77	27.75 0.68 -11.33	26.41 0.51 -14.20	27.15 0.75 -8.48	27.14 0.74 -8.42	26.67 0.88 -5.27	26.73 0.78 -6.86	27.93 0.71 -9.47	30.38 1.03 -4.83	39.54 1.34 -6.42	50.33 1.55 -9.03	45.38 1.67 -1.96	42.62 1.53 -3.72	39.29 1.45 -1.72	36.20 1.29 -4.92	32.45 1.31 0.00	29.98 1.15 0.00
SWANROAD_115KV_TB1 355699	19.33 -0.52 -3.12	14.95 -0.30 -4.56	14.88 -0.29 -4.01	14.92 -0.29 -4.00	15.00 -0.29 -4.07	17.93 -0.44 -3.55	20.49 -0.90 -3.05	15.17 -0.68 -4.93	17.85 -1.04 -3.15	14.91 -0.74 -3.94	19.27 -1.00 -2.36	19.26 -1.06 -2.34	20.83 -1.15 -1.46	19.92 -1.07 -1.90	19.37 -1.01 -2.63	24.41 -1.45 -1.34	31.44 -2.13 -1.78	38.99 -3.26 -2.51	39.06 -3.17 -0.48	35.33 -3.06 -1.03	34.01 -2.60 -0.48	29.32 -2.04 -1.37	29.42 -1.71 0.00	27.50 -1.33 0.00
SYNERGY___BIOGAS 323694	19.75 -0.07 -3.09	15.17 -0.03 -4.51	15.12 -0.01 -3.97	15.16 -0.01 -3.96	15.24 -0.01 -4.03	18.27 -0.07 -3.51	20.95 -0.40 -3.02	15.42 -0.37 -4.88	18.26 -0.60 -3.11	15.19 -0.41 -3.90	19.73 -0.52 -2.33	19.72 -0.58 -2.31	21.35 -0.61 -1.45	20.40 -0.57 -1.89	19.80 -0.55 -2.60	25.09 -0.76 -1.33	32.76 -0.79 -1.76	41.04 -1.19 -2.48	41.11 -1.13 -0.48	37.27 -1.12 -1.02	36.44 -0.14 -0.46	31.09 -0.21 -1.31	30.86 -0.28 0.00	28.80 -0.03 0.00
SYRACUSE___ENERGY_ST1 323597	19.30 0.10 -2.47	14.35 0.04 -3.62	14.38 0.04 -3.18	14.44 0.06 -3.18	14.51 0.06 -3.23	17.73 0.09 -2.81	20.83 0.07 -2.42	14.86 0.03 -3.92	18.27 0.03 -2.50	14.85 0.02 -3.13	19.84 0.05 -1.87	19.89 0.05 -1.86	21.76 0.08 -1.16	20.67 0.08 -1.51	19.92 0.09 -2.09	25.66 0.07 -1.06	33.24 0.03 -1.41	41.69 -0.04 -1.99	42.02 -0.17 -0.43	38.11 -0.07 -0.82	36.51 0.00 -0.38	31.07 0.00 -1.08	31.14 0.00 0.00	28.80 -0.03 0.00
SYRACUSE___ENERGY_ST2 323598	19.30 0.10 -2.47	14.35 0.04 -3.62	14.38 0.04 -3.18	14.44 0.06 -3.18	14.51 0.06 -3.23	17.73 0.09 -2.81	20.83 0.07 -2.42	14.86 0.03 -3.92	18.27 0.03 -2.50	14.85 0.02 -3.13	19.84 0.05 -1.87	19.89 0.05 -1.86	21.76 0.08 -1.16	20.67 0.08 -1.51	19.92 0.09 -2.09	25.66 0.07 -1.06	33.24 0.03 -1.41	41.69 -0.04 -1.99	42.02 -0.17 -0.43	38.11 -0.07 -0.82	36.51 0.00 -0.38	31.07 0.00 -1.08	31.14 0.00 0.00	28.80 -0.03 0.00
SYRACUSE___POWER 24017	19.31 0.07 -2.52	14.40 0.02 -3.69	14.42 0.02 -3.24	14.48 0.03 -3.24	14.55 0.03 -3.29	17.74 0.04 -2.87	20.82 0.02 -2.47	14.91 0.01 -3.99	18.29 0.00 -2.54	14.89 0.00 -3.19	19.84 0.02 -1.90	19.89 0.02 -1.89	21.74 0.04 -1.18	20.66 0.04 -1.54	19.93 0.05 -2.13	25.63 0.02 -1.08	33.17 -0.06 -1.44	41.61 -0.16 -2.03	41.90 -0.29 -0.44	37.98 -0.22 -0.84	36.41 -0.11 -0.39	31.00 -0.09 -1.11	31.08 -0.06 0.00	28.74 -0.09 0.00
TALLMAN___138KV_BK151 55660	29.14 0.84 -11.58	28.15 0.53 -16.93	26.61 0.56 -14.90	26.61 0.54 -14.87	26.84 0.50 -15.12	28.71 0.71 -13.17	30.51 0.84 -11.33	29.77 0.53 -18.33	28.25 0.82 -11.68	26.96 0.62 -14.64	27.58 0.91 -8.75	27.56 0.90 -8.68	27.01 1.07 -5.43	27.11 0.95 -7.07	28.38 0.87 -9.76	30.72 1.23 -4.98	39.99 1.59 -6.61	50.89 1.83 -9.31	45.78 2.00 -2.02	43.03 1.83 -3.84	39.64 1.73 -1.77	36.63 1.56 -5.08	32.69 1.56 0.00	30.21 1.38 0.00
TEALLAVE_115KV_TB7 355573	19.03 0.02 -2.28	14.02 -0.01 -3.34	14.09 -0.01 -2.94	14.14 0.00 -2.93	14.20 0.00 -2.98	17.43 0.00 -2.60	20.53 -0.04 -2.24	14.49 -0.03 -3.62	17.99 -0.06 -2.30	14.54 -0.05 -2.89	19.59 -0.05 -1.73	19.64 -0.05 -1.71	21.54 -0.04 -1.07	20.46 -0.02 -1.40	19.66 -0.02 -1.93	25.43 -0.07 -0.98	32.91 -0.19 -1.31	41.18 -0.40 -1.84	41.65 -0.50 -0.40	37.67 -0.45 -0.76	36.19 -0.29 -0.35	30.78 -0.21 -1.00	30.92 -0.22 0.00	28.63 -0.20 0.00

TELGRAPH_34_KV_EAST 80808	19.61 -0.17 -3.06	15.07 -0.09 -4.47	15.02 -0.07 -3.93	15.06 -0.07 -3.93	15.14 -0.07 -3.99	18.16 -0.15 -3.48	20.85 -0.48 -2.99	15.32 -0.43 -4.84	18.17 -0.66 -3.08	15.11 -0.46 -3.86	19.64 -0.59 -2.31	19.64 -0.63 -2.29	21.27 -0.68 -1.43	20.32 -0.63 -1.87	19.74 -0.59 -2.58	24.98 -0.86 -1.31	32.23 -1.30 -1.75	40.10 -2.11 -2.46	40.19 -2.05 -0.48	36.36 -2.02 -1.01	35.12 -1.48 -0.47	30.16 -1.17 -1.34	30.27 -0.87 0.00	28.25 -0.58 0.00
TEMPLE___115KV_TB 2 55572	19.05 0.02 -2.31	14.06 0.00 -3.37	14.13 0.00 -2.97	14.18 0.01 -2.96	14.24 0.01 -3.01	17.47 0.01 -2.62	20.58 -0.02 -2.26	14.54 -0.02 -3.65	18.03 -0.05 -2.33	14.58 -0.04 -2.92	19.62 -0.04 -1.74	19.67 -0.04 -1.73	21.58 -0.02 -1.08	20.47 -0.02 -1.41	19.69 0.00 -1.95	25.46 -0.05 -0.99	32.92 -0.19 -1.32	41.24 -0.36 -1.86	41.66 -0.50 -0.40	37.72 -0.41 -0.77	36.23 -0.25 -0.35	30.82 -0.18 -1.01	30.95 -0.19 0.00	28.63 -0.20 0.00
TIANA___69_KV_BK 1 55817	30.59 1.69 -12.17	29.46 0.97 -17.80	27.85 1.03 -15.66	27.83 0.99 -15.63	28.06 0.94 -15.89	29.97 1.29 -13.84	31.88 1.63 -11.91	31.20 1.03 -19.27	29.63 1.59 -12.30	28.24 1.15 -15.39	28.64 1.52 -9.20	28.64 1.53 -9.13	28.09 1.87 -5.71	28.43 1.87 -7.48	30.01 1.95 -10.31	40.57 2.99 -13.06	82.66 3.85 -47.02	194.49 3.82 -150.93	203.95 5.14 -157.06	134.44 4.26 -92.82	103.48 4.23 -63.13	76.62 3.63 -43.00	45.99 3.64 -11.21	31.69 2.83 -0.04
TILDEN___115KV_TB1 80814	19.31 0.07 -2.52	14.40 0.02 -3.69	14.42 0.02 -3.24	14.48 0.03 -3.24	14.55 0.03 -3.29	17.74 0.04 -2.87	20.82 0.02 -2.47	14.91 0.01 -3.99	18.29 0.00 -2.54	14.89 0.00 -3.19	19.84 0.02 -1.90	19.89 0.02 -1.89	21.74 0.04 -1.18	20.66 0.04 -1.54	19.93 0.05 -2.13	25.63 0.02 -1.08	33.17 -0.06 -1.44	41.61 -0.16 -2.03	41.90 -0.29 -0.44	37.98 -0.22 -0.84	36.41 -0.11 -0.39	31.00 -0.09 -1.11	31.08 -0.06 0.00	28.74 -0.09 0.00
TRIGEN___CC 323695	29.97 1.07 -12.17	29.11 0.62 -17.80	27.47 0.65 -15.66	27.45 0.61 -15.63	27.69 0.57 -15.89	29.48 0.80 -13.84	31.25 1.01 -11.91	30.82 0.64 -19.27	29.02 0.99 -12.28	27.81 0.73 -15.39	28.08 0.97 -9.20	28.08 0.97 -9.13	27.44 1.21 -5.71	27.70 1.18 -7.44	29.26 1.24 -10.26	31.75 1.99 -5.24	41.43 2.54 -7.09	51.84 2.31 -9.79	47.36 3.26 -2.35	44.52 2.91 -4.24	41.03 2.82 -2.08	37.92 2.46 -5.47	33.63 2.46 -0.03	30.59 1.76 0.00
TRINITY___115KV__ 4 BK 55933	31.57 0.25 -14.59	32.20 0.17 -21.34	30.11 0.18 -18.78	30.12 0.17 -18.74	30.45 0.18 -19.05	31.67 0.24 -16.60	32.91 0.29 -14.28	34.17 0.16 -23.10	30.75 0.28 -14.72	30.36 0.21 -18.45	29.30 0.36 -11.03	29.29 0.36 -10.95	27.77 0.41 -6.85	28.40 0.40 -8.92	30.39 0.34 -12.30	31.33 0.54 -6.27	40.89 0.76 -8.34	52.44 0.95 -11.74	45.30 1.00 -2.54	43.06 0.86 -4.84	39.19 0.83 -2.23	37.05 0.66 -6.40	31.82 0.69 0.00	29.46 0.63 0.00
UNION___PROCESSING_DRP 323587	19.59 0.08 -2.78	14.79 0.04 -4.06	14.79 0.06 -3.57	14.84 0.07 -3.57	14.92 0.07 -3.63	18.04 0.04 -3.16	20.96 -0.09 -2.72	15.18 -0.13 -4.40	18.33 -0.22 -2.80	15.08 -0.13 -3.51	19.91 -0.11 -2.10	19.92 -0.14 -2.08	21.67 -0.14 -1.30	20.67 -0.11 -1.70	19.95 -0.14 -2.34	25.49 -0.22 -1.19	33.00 -0.38 -1.59	41.18 -0.79 -2.23	41.49 -0.75 -0.49	37.54 -0.75 -0.92	35.98 -0.58 -0.42	30.73 -0.48 -1.22	30.67 -0.47 0.00	28.48 -0.35 0.00
UPPER HUDSON___HYD 24058	32.86 1.10 -15.03	33.38 0.72 -21.98	31.23 0.74 -19.34	31.24 0.73 -19.30	31.62 0.77 -19.62	32.96 1.04 -17.09	34.32 1.28 -14.70	35.43 0.73 -23.79	32.01 1.10 -15.16	31.50 0.80 -19.00	30.49 1.22 -11.36	30.42 1.17 -11.27	28.84 1.27 -7.05	29.43 1.16 -9.18	31.54 1.12 -12.67	32.53 1.55 -6.46	42.54 2.16 -8.59	54.70 2.86 -12.09	47.30 2.92 -2.62	44.78 2.43 -4.98	40.67 2.24 -2.30	38.38 1.80 -6.59	33.35 2.21 0.00	30.96 2.13 0.00
UPPER RAQUET___HYD 24056	15.42 -1.92 -0.62	10.53 -1.06 -0.90	10.80 -1.15 -0.79	10.71 -1.29 -0.79	10.79 -1.23 -0.81	13.84 -1.69 -0.70	17.62 -1.32 -0.60	11.29 -0.60 -0.98	15.25 -1.12 -0.62	11.63 -0.85 -0.78	16.99 -1.40 -0.47	17.13 -1.31 -0.46	19.14 -1.66 -0.29	17.82 -1.64 -0.38	16.74 -1.53 -0.52	22.68 -2.11 -0.27	30.43 -1.72 -0.35	39.60 -0.64 -0.50	41.53 -0.34 -0.11	37.27 -0.30 -0.20	35.10 -1.12 -0.09	28.91 -1.35 -0.27	29.95 -1.18 0.00	28.02 -0.81 0.00
VALLEY44_115KV_TB2 355964	19.85 -0.28 -3.41	15.52 -0.16 -4.99	15.39 -0.16 -4.39	15.45 -0.13 -4.38	15.53 -0.15 -4.45	18.50 -0.21 -3.88	21.20 -0.48 -3.34	15.95 -0.36 -5.40	18.59 -0.60 -3.44	15.58 -0.43 -4.31	19.90 -0.59 -2.58	19.89 -0.65 -2.56	21.38 -0.74 -1.60	20.48 -0.69 -2.08	19.97 -0.66 -2.88	25.01 -0.98 -1.47	32.25 -1.49 -1.95	40.42 -2.07 -2.74	40.25 -2.05 -0.54	36.48 -2.02 -1.13	34.88 -1.77 -0.52	30.14 -1.35 -1.50	31.14 0.00 0.00	28.97 0.14 0.00
VALLEY___115KV_TB 1-4 80826	17.15 0.05 -0.37	11.25 0.02 -0.54	11.66 0.02 -0.48	11.71 0.02 -0.48	11.74 0.03 -0.49	15.30 0.04 -0.42	18.77 0.07 -0.36	11.54 0.04 -0.59	16.17 0.05 -0.38	12.17 0.00 -0.47	18.14 -0.05 -0.28	18.17 -0.09 -0.28	20.54 -0.14 -0.17	19.18 -0.13 -0.23	17.92 -0.14 -0.31	24.53 -0.15 -0.16	31.94 -0.06 -0.21	40.16 0.12 -0.30	41.86 0.04 -0.06	37.71 0.22 -0.12	36.40 0.22 -0.06	30.36 0.21 -0.16	31.39 0.25 0.00	29.09 0.26 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	23.99 0.95 -6.31	20.51 0.60 -9.23	19.89 0.61 -8.12	19.98 0.67 -8.10	20.13 0.67 -8.24	22.90 0.89 -7.18	25.52 1.01 -6.17	21.52 0.62 -9.99	23.03 0.91 -6.37	20.33 0.66 -7.98	23.65 0.97 -4.77	23.67 0.95 -4.73	24.54 1.07 -2.96	23.97 1.03 -3.86	23.99 0.92 -5.32	28.61 1.37 -2.71	37.21 1.81 -3.60	47.17 2.34 -5.08	45.31 2.46 -1.10	41.62 2.17 -2.09	39.15 2.06 -0.96	34.47 1.71 -2.77	32.94 1.81 0.00	30.50 1.67 0.00
VISCHER___FERRY HYD 24020	32.05 0.59 -14.74	32.63 0.38 -21.56	30.53 0.40 -18.97	30.53 0.39 -18.94	30.89 0.42 -19.25	32.15 0.55 -16.77	33.44 0.68 -14.42	34.63 0.38 -23.34	31.20 0.58 -14.87	30.77 0.43 -18.64	29.75 0.70 -11.14	29.74 0.70 -11.06	28.19 0.76 -6.92	28.82 0.72 -9.01	30.86 0.67 -12.43	31.89 1.03 -6.34	41.65 1.43 -8.42	53.47 1.87 -11.86	46.21 1.88 -2.57	43.90 1.64 -4.89	39.97 1.59 -2.25	37.74 1.29 -6.47	32.54 1.40 0.00	30.07 1.24 0.00
V_A_10_SYNC_DSASP 323832	19.49 -0.17 -2.93	14.90 -0.09 -4.29	14.87 -0.07 -3.78	14.90 -0.08 -3.77	14.98 -0.08 -3.83	18.02 -0.15 -3.34	20.79 -0.42 -2.87	15.19 -0.37 -4.65	18.13 -0.58 -2.96	15.01 -0.40 -3.71	19.63 -0.50 -2.22	19.64 -0.54 -2.20	21.30 -0.60 -1.38	20.34 -0.53 -1.79	19.71 -0.52 -2.48	24.97 -0.81 -1.26	32.52 -0.95 -1.68	40.68 -1.43 -2.36	40.79 -1.50 -0.54	36.88 -1.46 -0.97	35.50 -1.08 -0.45	30.34 -0.93 -1.29	30.17 -0.97 0.00	28.19 -0.63 0.00
V_CMM_10_SYNC_DSASP 323787	15.01 -2.17 -0.46	10.14 -1.22 -0.67	10.44 -1.31 -0.59	10.34 -1.46 -0.59	10.42 -1.40 -0.60	13.43 -1.93 -0.52	17.25 -1.54 -0.45	10.91 -0.73 -0.73	14.91 -1.31 -0.46	11.29 -0.99 -0.58	16.69 -1.58 -0.35	16.81 -1.51 -0.35	18.86 -1.87 -0.22	17.51 -1.85 -0.28	16.42 -1.72 -0.39	22.32 -2.40 -0.20	29.92 -2.13 -0.26	38.92 -1.19 -0.37	40.92 -0.92 -0.08	36.69 -0.82 -0.15	34.61 -1.59 -0.07	28.48 -1.71 -0.20	29.61 -1.53 0.00	27.70 -1.12 0.00

V_CMP_10_SYNC_DSASP 323788	15.09 -2.09 -0.46	10.20 -1.16 -0.67	10.49 -1.26 -0.59	10.37 -1.42 -0.59	10.45 -1.37 -0.60	13.47 -1.88 -0.52	17.30 -1.48 -0.45	10.96 -0.68 -0.73	14.97 -1.24 -0.46	11.32 -0.96 -0.58	16.74 -1.52 -0.35	16.87 -1.46 -0.34	18.90 -1.83 -0.22	17.51 -1.85 -0.28	16.45 -1.69 -0.39	22.36 -2.35 -0.20	30.15 -1.91 -0.26	39.40 -0.71 -0.37	41.54 -0.29 -0.08	37.22 -0.30 -0.15	35.01 -1.19 -0.07	28.72 -1.47 -0.20	29.89 -1.25 0.00	28.05 -0.78 0.00
V_D_10_SYNC_DSASP 323841	19.34 -0.50 -3.12	14.97 -0.28 -4.56	14.93 -0.23 -4.01	14.94 -0.27 -4.00	15.02 -0.27 -4.07	17.95 -0.43 -3.54	20.45 -0.94 -3.05	15.13 -0.71 -4.93	17.82 -1.07 -3.14	14.88 -0.76 -3.94	19.27 -1.00 -2.35	19.26 -1.06 -2.34	20.79 -1.19 -1.46	19.92 -1.07 -1.90	19.37 -1.01 -2.63	24.34 -1.52 -1.34	31.35 -2.23 -1.78	38.91 -3.34 -2.51	38.89 -3.34 -0.47	35.15 -3.25 -1.03	33.83 -2.78 -0.48	29.17 -2.19 -1.37	29.24 -1.90 0.00	27.36 -1.47 0.00
V_E_10_SYNC_DSASP 323830	23.06 1.37 -4.97	18.79 0.83 -7.26	18.41 0.86 -6.39	18.53 0.94 -6.38	18.65 0.94 -6.48	21.77 1.29 -5.65	24.66 1.47 -4.86	19.67 0.89 -7.86	21.97 1.21 -5.01	18.80 0.82 -6.28	22.83 1.16 -3.75	22.87 1.17 -3.73	24.12 1.27 -2.33	23.42 1.30 -3.03	23.11 1.17 -4.19	28.50 1.84 -2.13	37.30 2.67 -2.84	47.56 3.82 -4.00	46.45 3.84 -0.86	42.49 3.48 -1.65	40.25 3.36 -0.76	34.87 2.70 -2.18	33.91 2.77 0.00	31.37 2.54 0.00
V_F_30_NSYNC___DSASP 323816	32.62 0.90 -14.99	33.19 0.59 -21.92	31.06 0.61 -19.29	31.05 0.59 -19.25	31.42 0.63 -19.57	32.72 0.84 -17.05	34.03 1.03 -14.66	35.24 0.60 -23.72	31.77 0.90 -15.12	31.29 0.64 -18.95	30.24 1.00 -11.32	30.21 0.99 -11.24	28.63 1.09 -7.03	29.25 1.01 -9.16	31.35 0.96 -12.64	32.38 1.42 -6.44	42.36 2.00 -8.56	54.42 2.62 -12.06	47.04 2.67 -2.61	44.61 2.28 -4.97	40.59 2.17 -2.29	38.30 1.74 -6.57	33.04 1.90 0.00	30.59 1.76 0.00
V_F_30_SYNC_DSASP 323786	31.74 0.32 -14.70	32.38 0.20 -21.49	30.28 0.21 -18.91	30.30 0.21 -18.88	30.64 0.22 -19.19	31.84 0.30 -16.72	33.06 0.35 -14.38	34.38 0.21 -23.26	30.92 0.35 -14.83	30.54 0.26 -18.58	29.43 0.41 -11.10	29.42 0.41 -11.02	27.90 0.49 -6.90	28.52 0.46 -8.98	30.55 0.41 -12.39	31.48 0.64 -6.32	41.08 0.89 -8.40	52.72 1.15 -11.82	45.49 1.17 -2.56	43.25 1.01 -4.87	39.35 0.98 -2.25	37.21 0.78 -6.45	31.95 0.81 0.00	29.55 0.72 0.00
V_XM_10_SYNC_DSASP 323789	15.09 -2.09 -0.46	10.20 -1.16 -0.67	10.49 -1.26 -0.59	10.37 -1.42 -0.59	10.45 -1.37 -0.60	13.47 -1.88 -0.52	17.30 -1.48 -0.45	10.96 -0.68 -0.73	14.97 -1.24 -0.46	11.32 -0.96 -0.58	16.74 -1.52 -0.35	16.87 -1.46 -0.34	18.90 -1.83 -0.22	17.51 -1.85 -0.28	16.45 -1.69 -0.39	22.36 -2.35 -0.20	30.15 -1.91 -0.26	39.40 -0.71 -0.37	41.54 -0.29 -0.08	37.22 -0.30 -0.15	35.01 -1.19 -0.07	28.72 -1.47 -0.20	29.89 -1.25 0.00	28.05 -0.78 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	29.48 0.97 -11.78	28.53 0.61 -17.23	26.96 0.64 -15.17	26.95 0.61 -15.14	27.18 0.57 -15.39	29.05 0.82 -13.41	30.84 0.97 -11.53	30.18 0.61 -18.66	28.57 0.93 -11.89	27.32 0.71 -14.90	27.84 1.02 -8.90	27.85 1.02 -8.84	27.25 1.21 -5.53	27.37 1.09 -7.20	28.70 1.01 -9.94	31.01 1.42 -5.07	40.43 1.91 -6.73	51.45 2.23 -9.48	46.19 2.38 -2.05	43.48 2.20 -3.91	40.03 2.10 -1.80	36.99 1.83 -5.17	32.94 1.81 0.00	30.44 1.61 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	29.88 0.99 -12.17	29.12 0.63 -17.80	27.47 0.66 -15.66	27.46 0.63 -15.63	27.68 0.57 -15.89	29.50 0.83 -13.84	31.23 0.99 -11.91	30.80 0.62 -19.26	29.00 0.98 -12.28	27.82 0.74 -15.38	28.17 1.06 -9.20	28.17 1.06 -9.13	27.52 1.29 -5.71	27.66 1.14 -7.44	29.06 1.05 -10.26	31.20 1.45 -5.23	40.62 1.88 -6.95	51.64 2.11 -9.79	46.17 2.30 -2.12	43.53 2.13 -4.04	40.05 2.06 -1.86	37.19 1.86 -5.34	32.94 1.81 0.00	30.50 1.67 0.00
W50THST__13_KV_LOAD 356117	29.93 1.04 -12.17	29.15 0.66 -17.80	27.51 0.69 -15.66	27.50 0.66 -15.63	27.72 0.61 -15.89	29.55 0.88 -13.84	31.31 1.06 -11.91	30.84 0.67 -19.26	29.05 1.02 -12.28	27.87 0.78 -15.38	28.24 1.13 -9.20	28.24 1.13 -9.13	27.58 1.35 -5.71	27.74 1.22 -7.44	29.13 1.12 -10.26	31.30 1.54 -5.23	40.75 2.00 -6.95	51.80 2.27 -9.79	46.34 2.46 -2.12	43.68 2.28 -4.04	40.20 2.20 -1.86	37.28 1.95 -5.34	33.04 1.90 0.00	30.59 1.76 0.00
WADING RIVER_IC_1 23522	30.44 1.54 -12.17	29.38 0.89 -17.80	27.78 0.96 -15.66	27.78 0.94 -15.63	28.02 0.91 -15.89	29.83 1.16 -13.84	31.73 1.48 -11.91	31.12 0.94 -19.27	29.48 1.43 -12.30	28.13 1.04 -15.39	28.49 1.38 -9.20	28.46 1.35 -9.13	27.95 1.72 -5.71	28.28 1.72 -7.48	29.85 1.79 -10.31	40.36 2.75 -13.09	82.50 3.56 -47.15	194.68 3.54 -151.40	204.28 4.97 -157.56	134.43 3.96 -93.10	103.35 3.90 -63.32	76.53 3.42 -43.12	45.77 3.39 -11.24	31.43 2.56 -0.04
WADING RIVER_IC_2 23547	30.44 1.54 -12.17	29.38 0.89 -17.80	27.78 0.96 -15.66	27.78 0.94 -15.63	28.02 0.91 -15.89	29.83 1.16 -13.84	31.73 1.48 -11.91	31.12 0.94 -19.27	29.48 1.43 -12.30	28.13 1.04 -15.39	28.49 1.38 -9.20	28.46 1.35 -9.13	27.95 1.72 -5.71	28.28 1.72 -7.48	29.85 1.79 -10.31	40.36 2.75 -13.09	82.50 3.56 -47.15	194.68 3.54 -151.40	204.28 4.97 -157.56	134.43 3.96 -93.10	103.35 3.90 -63.32	76.53 3.42 -43.12	45.77 3.39 -11.24	31.43 2.56 -0.04
WADING RIVER_IC_3 23601	30.44 1.54 -12.17	29.38 0.89 -17.80	27.78 0.96 -15.66	27.78 0.94 -15.63	28.02 0.91 -15.89	29.83 1.16 -13.84	31.73 1.48 -11.91	31.12 0.94 -19.27	29.48 1.43 -12.30	28.13 1.04 -15.39	28.49 1.38 -9.20	28.46 1.35 -9.13	27.95 1.72 -5.71	28.28 1.72 -7.48	29.85 1.79 -10.31	40.36 2.75 -13.09	82.50 3.56 -47.15	194.68 3.54 -151.40	204.28 4.97 -157.56	134.43 3.96 -93.10	103.35 3.90 -63.32	76.53 3.42 -43.12	45.77 3.39 -11.24	31.43 2.56 -0.04
WALDENNY_12_KV_BK2 80841	19.83 -0.13 -3.24	15.36 -0.06 -4.73	15.28 -0.04 -4.16	15.32 -0.04 -4.16	15.40 -0.04 -4.22	18.41 -0.10 -3.68	21.10 -0.40 -3.17	15.66 -0.37 -5.12	18.41 -0.60 -3.26	15.38 -0.41 -4.09	19.82 -0.54 -2.44	19.83 -0.58 -2.43	21.40 -0.64 -1.52	20.49 -0.57 -1.98	19.95 -0.53 -2.73	25.10 -0.81 -1.39	32.40 -1.24 -1.85	40.40 -1.95 -2.60	40.34 -1.92 -0.50	36.53 -1.91 -1.07	35.07 -1.55 -0.49	30.24 -1.17 -1.42	30.61 -0.53 0.00	28.54 -0.29 0.00
WALDEN___HYDRO 24148	29.28 0.80 -11.75	28.37 0.49 -17.19	26.79 0.51 -15.12	26.79 0.49 -15.10	27.07 0.51 -15.35	28.87 0.67 -13.37	30.62 0.79 -11.50	30.01 0.49 -18.60	28.36 0.76 -11.86	27.13 0.57 -14.86	27.60 0.81 -8.88	27.59 0.79 -8.82	26.97 0.94 -5.52	27.10 0.84 -7.18	28.44 0.78 -9.91	30.70 1.13 -5.05	40.09 1.59 -6.71	51.11 1.91 -9.45	45.93 2.13 -2.05	43.17 1.90 -3.90	39.73 1.81 -1.80	36.70 1.56 -5.15	32.66 1.53 0.00	30.15 1.33 0.00
WARRENSBURG____ 23737	32.86 1.10 -15.03	33.38 0.72 -21.98	31.23 0.74 -19.34	31.24 0.73 -19.30	31.62 0.77 -19.62	32.96 1.04 -17.09	34.32 1.28 -14.70	35.43 0.73 -23.79	32.01 1.10 -15.16	31.50 0.80 -19.00	30.49 1.22 -11.36	30.42 1.17 -11.27	28.84 1.27 -7.05	29.43 1.16 -9.18	31.54 1.12 -12.67	32.53 1.55 -6.46	42.54 2.16 -8.59	54.70 2.86 -12.09	47.30 2.92 -2.62	44.78 2.43 -4.98	40.67 2.24 -2.30	38.38 1.80 -6.59	33.35 2.21 0.00	30.96 2.13 0.00

WATERSIDE___6 8 9 23538	29.95 1.05 -12.17	29.15 0.66 -17.80	27.51 0.69 -15.66	27.50 0.66 -15.63	27.72 0.61 -15.89	29.49 0.82 -13.84	31.22 0.97 -11.91	30.78 0.60 -19.27	28.97 0.94 -12.28	27.81 0.73 -15.39	28.15 1.04 -9.20	28.15 1.04 -9.13	27.52 1.29 -5.71	27.68 1.16 -7.44	29.06 1.05 -10.26	31.17 1.42 -5.23	40.59 1.84 -6.95	51.60 2.07 -9.79	46.13 2.25 -2.12	43.49 2.09 -4.04	40.01 2.02 -1.86	37.19 1.86 -5.34	32.94 1.81 0.00	30.56 1.73 0.00
WATKINRD_115KV_LN8_ILLION 55919	17.13 0.03 -0.37	11.25 0.02 -0.54	11.66 0.02 -0.48	11.71 0.02 -0.48	11.74 0.03 -0.49	15.30 0.04 -0.42	18.77 0.07 -0.36	11.54 0.04 -0.59	16.17 0.05 -0.38	12.20 0.02 -0.47	18.20 0.00 -0.28	18.24 -0.02 -0.28	20.65 -0.04 -0.17	19.27 -0.04 -0.23	18.03 -0.04 -0.31	24.66 -0.02 -0.16	32.07 0.06 -0.21	40.28 0.24 -0.30	42.03 0.21 -0.06	37.79 0.30 -0.12	36.40 0.22 -0.06	30.33 0.18 -0.16	31.36 0.22 0.00	29.06 0.23 0.00
WATSON___69_KV_BK 1 55734	30.49 1.59 -12.17	29.41 0.92 -17.80	27.79 0.97 -15.66	27.76 0.92 -15.63	27.99 0.88 -15.89	29.88 1.20 -13.84	31.77 1.52 -11.91	31.13 0.95 -19.27	29.48 1.45 -12.28	28.12 1.03 -15.39	28.48 1.36 -9.20	28.44 1.33 -9.13	27.87 1.64 -5.71	28.14 1.60 -7.45	29.68 1.65 -10.28	34.92 2.38 -8.02	56.18 3.08 -21.31	101.37 2.78 -58.84	102.24 3.84 -56.65	76.20 3.33 -35.51	63.23 3.29 -23.81	51.76 2.94 -18.83	38.04 2.90 -4.01	31.44 2.59 -0.01
WDELAWARE___HYD 323627	28.35 0.55 -11.07	27.21 0.33 -16.19	25.74 0.33 -14.25	25.75 0.33 -14.22	26.01 0.33 -14.46	27.87 0.44 -12.59	29.66 0.50 -10.83	28.77 0.33 -17.53	27.45 0.54 -11.17	26.10 0.40 -14.00	26.77 0.48 -8.37	26.75 0.47 -8.31	26.28 0.57 -5.20	26.33 0.48 -6.77	27.55 0.46 -9.34	30.02 0.73 -4.76	39.29 1.18 -6.33	50.04 1.39 -8.91	45.36 1.67 -1.93	42.46 1.42 -3.67	39.16 1.34 -1.69	35.98 1.14 -4.86	32.20 1.06 0.00	29.69 0.86 0.00
WEST BABYLON___IC 23714	30.37 1.47 -12.17	29.34 0.86 -17.80	27.71 0.89 -15.66	27.69 0.85 -15.63	27.92 0.81 -15.89	29.79 1.11 -13.84	31.66 1.41 -11.91	31.06 0.88 -19.27	29.38 1.35 -12.28	28.06 0.97 -15.39	28.40 1.29 -9.20	28.39 1.28 -9.13	27.80 1.58 -5.71	28.09 1.56 -7.44	29.65 1.63 -10.27	32.94 2.48 -5.94	45.66 3.21 -10.66	63.63 2.98 -20.91	61.01 4.05 -15.21	52.71 3.51 -11.83	47.14 3.47 -7.54	41.87 3.06 -8.82	35.22 3.05 -1.03	31.28 2.45 0.00
WEST CANADA___HYD 24049	17.02 -0.08 -0.37	11.19 -0.04 -0.54	11.58 -0.06 -0.48	11.63 -0.06 -0.48	11.66 -0.04 -0.49	15.20 -0.06 -0.42	18.65 -0.05 -0.36	11.48 -0.02 -0.59	16.08 -0.05 -0.38	12.14 -0.04 -0.47	18.13 -0.07 -0.28	18.21 -0.05 -0.28	20.61 -0.08 -0.17	19.23 -0.08 -0.23	17.99 -0.07 -0.31	24.58 -0.10 -0.16	31.94 -0.06 -0.21	40.04 0.00 -0.30	41.86 0.04 -0.06	37.52 0.04 -0.12	36.15 -0.04 -0.06	30.12 -0.03 -0.16	31.14 0.00 0.00	28.83 0.00 0.00
WESTERN_NY_WIND 24143	19.74 -0.07 -3.09	15.17 -0.03 -4.51	15.12 -0.01 -3.97	15.16 -0.01 -3.96	15.25 0.00 -4.03	18.27 -0.07 -3.51	20.95 -0.40 -3.02	15.42 -0.37 -4.88	18.26 -0.60 -3.11	15.19 -0.41 -3.90	19.73 -0.52 -2.33	19.72 -0.58 -2.31	21.35 -0.62 -1.45	20.40 -0.57 -1.89	19.80 -0.55 -2.60	25.09 -0.76 -1.33	32.41 -1.14 -1.76	40.32 -1.91 -2.48	40.44 -1.80 -0.48	36.59 -1.79 -1.02	35.81 -0.79 -0.47	30.71 -0.63 -1.35	30.76 -0.37 0.00	28.68 -0.14 0.00
WESTOVER___LESR 323668	22.23 0.28 -5.22	18.50 0.17 -7.64	18.06 0.18 -6.72	18.11 0.19 -6.71	18.23 0.19 -6.82	21.02 0.25 -5.94	23.70 0.26 -5.11	19.32 0.14 -8.27	21.19 0.17 -5.27	18.43 0.13 -6.60	22.06 0.20 -3.95	22.10 0.20 -3.92	23.21 0.25 -2.45	22.50 0.23 -3.19	22.37 0.21 -4.40	27.04 0.27 -2.24	35.09 0.32 -2.98	44.26 0.32 -4.20	42.95 0.29 -0.90	39.40 0.30 -1.73	37.25 0.33 -0.80	32.58 0.30 -2.29	31.64 0.50 0.00	29.29 0.46 0.00
WETHRSFD_WT_PWR 323626	20.10 -0.15 -3.52	15.75 -0.10 -5.15	15.63 -0.07 -4.54	15.67 -0.07 -4.53	15.77 -0.06 -4.60	18.74 -0.10 -4.01	21.44 -0.35 -3.45	16.17 -0.32 -5.58	18.78 -0.52 -3.56	15.77 -0.39 -4.46	20.03 -0.56 -2.66	20.03 -0.59 -2.64	21.47 -0.70 -1.65	20.61 -0.63 -2.15	20.15 -0.57 -2.97	25.25 -0.79 -1.52	32.95 -0.86 -2.01	41.47 -1.11 -2.84	41.32 -1.00 -0.57	37.53 -1.01 -1.17	35.98 -0.69 -0.54	30.96 -0.57 -1.54	30.58 -0.56 0.00	28.48 -0.34 0.00
WHAVSTOR_138KV_BK127 55557	29.52 0.92 -11.87	28.64 0.59 -17.36	27.05 0.61 -15.28	27.04 0.58 -15.25	27.27 0.55 -15.50	29.11 0.77 -13.50	30.89 0.94 -11.61	30.28 0.58 -18.79	28.62 0.90 -11.98	27.40 0.69 -15.01	27.89 1.00 -8.97	27.89 1.01 -8.91	27.27 1.19 -5.57	27.40 1.07 -7.25	28.75 0.99 -10.01	31.02 1.40 -5.10	40.39 1.81 -6.78	51.40 2.11 -9.55	46.08 2.25 -2.07	43.39 2.09 -3.94	39.97 2.02 -1.81	36.96 1.77 -5.21	32.88 1.74 0.00	30.41 1.59 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	29.52 0.92 -11.87	28.64 0.59 -17.36	27.05 0.61 -15.28	27.04 0.58 -15.25	27.27 0.55 -15.50	29.11 0.77 -13.50	30.89 0.94 -11.61	30.28 0.58 -18.79	28.62 0.90 -11.98	27.40 0.69 -15.01	27.89 1.00 -8.97	27.89 1.01 -8.91	27.27 1.19 -5.57	27.40 1.07 -7.25	28.75 0.99 -10.01	31.02 1.40 -5.10	40.39 1.81 -6.78	51.40 2.11 -9.55	46.08 2.25 -2.07	43.39 2.09 -3.94	39.97 2.02 -1.81	36.96 1.77 -5.21	32.88 1.74 0.00	30.41 1.59 0.00
WHITEHAL_115KV_TB1 80871	33.16 1.42 -15.01	33.56 0.92 -21.95	31.41 0.94 -19.31	31.40 0.92 -19.28	31.81 0.99 -19.60	33.24 1.33 -17.07	34.67 1.65 -14.68	35.64 0.97 -23.76	32.35 1.46 -15.14	31.73 1.05 -18.97	30.85 1.59 -11.34	30.78 1.55 -11.26	29.26 1.70 -7.04	29.80 1.55 -9.17	31.88 1.47 -12.66	33.08 2.11 -6.45	43.42 3.05 -8.57	55.79 3.97 -12.07	48.51 4.13 -2.62	45.78 3.44 -4.98	41.57 3.14 -2.29	39.09 2.52 -6.58	33.97 2.83 0.00	31.57 2.74 0.00
WHITEPLN_13_KV_LOAD 356215	29.97 1.09 -12.16	29.14 0.67 -17.78	27.51 0.71 -15.64	27.50 0.68 -15.62	27.75 0.65 -15.87	29.56 0.90 -13.83	31.33 1.10 -11.89	30.84 0.69 -19.24	29.05 1.04 -12.26	27.87 0.80 -15.37	28.25 1.15 -9.19	28.27 1.17 -9.12	27.59 1.37 -5.70	27.75 1.24 -7.43	29.15 1.15 -10.25	31.36 1.62 -5.23	40.83 2.10 -6.95	52.03 2.50 -9.78	46.42 2.55 -2.12	43.90 2.50 -4.03	40.37 2.38 -1.86	37.39 2.07 -5.33	33.13 1.99 0.00	30.64 1.82 0.00
WM_FLOYD_69_KV_BK2 356380	30.42 1.52 -12.17	29.37 0.88 -17.80	27.73 0.91 -15.66	27.71 0.87 -15.63	27.95 0.83 -15.89	29.82 1.14 -13.84	31.71 1.47 -11.91	31.11 0.93 -19.27	29.48 1.43 -12.30	28.12 1.03 -15.39	28.48 1.36 -9.20	28.48 1.37 -9.13	27.91 1.68 -5.71	28.26 1.70 -7.48	29.83 1.77 -10.30	40.22 2.72 -12.97	81.90 3.50 -46.61	192.49 3.38 -149.36	201.73 4.59 -155.38	133.13 3.89 -91.88	102.45 3.83 -62.49	75.93 3.33 -42.61	45.56 3.33 -11.09	31.43 2.57 -0.04
WOODARD___115KV_TB2 355635	19.02 -0.03 -2.32	14.06 -0.03 -3.40	14.11 -0.03 -2.99	14.17 -0.02 -2.99	14.23 -0.02 -3.04	17.45 -0.03 -2.64	20.54 -0.07 -2.27	14.54 -0.05 -3.68	18.00 -0.09 -2.34	14.57 -0.07 -2.94	19.58 -0.09 -1.76	19.63 -0.09 -1.74	21.52 -0.08 -1.09	20.45 -0.06 -1.42	19.66 -0.05 -1.96	25.40 -0.12 -1.00	32.86 -0.25 -1.33	41.18 -0.44 -1.87	41.62 -0.54 -0.41	37.69 -0.45 -0.77	36.12 -0.36 -1.02	30.74 -0.27 -1.02	30.86 -0.28 0.00	28.54 -0.29 0.00

YORK__WARBASSE	30.07	29.22	27.59	27.57	27.79	29.56	31.27	30.81	28.99	27.84	28.19	28.19	27.56	27.72	29.11	31.25	40.72	51.72	46.30	43.61	40.16	37.34	33.13	30.73
23770	1.17	0.74	0.77	0.73	0.67	0.89	1.03	0.63	0.96	0.75	1.08	1.08	1.33	1.20	1.10	1.50	1.97	2.19	2.42	2.20	2.17	2.01	1.99	1.90
	-12.17	-17.80	-15.66	-15.63	-15.89	-13.84	-11.91	-19.27	-12.28	-15.39	-9.20	-9.13	-5.71	-7.44	-10.26	-5.23	-6.95	-9.79	-2.12	-4.04	-1.86	-5.34	0.00	0.00