

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/17/2023

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	26.15	24.28	24.45	24.22	25.12	27.44	39.10	39.90	32.80	29.75	27.90	27.20	27.14	27.89	27.48	29.14	35.21	44.02	37.69	31.27	28.73	26.70	27.37	25.58
24138	0.52	0.47	0.28	0.29	0.29	0.37	0.45	0.42	1.51	1.42	1.90	1.95	1.99	1.74	1.85	1.98	1.91	2.10	2.34	2.24	1.95	1.77	1.72	1.47
	-17.05	-15.63	-19.04	-18.71	-19.54	-20.93	-31.57	-32.74	-9.15	-9.12	-1.36	0.00	0.00	-4.05	-2.83	-3.01	-9.76	-14.21	-4.94	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	26.15	24.28	24.45	24.22	25.11	27.44	39.05	39.85	32.72	29.69	27.85	27.15	27.09	27.84	27.42	29.07	35.14	43.99	37.63	31.24	28.68	26.58	27.34	25.58
24260	0.52	0.47	0.28	0.29	0.29	0.36	0.43	0.40	1.44	1.36	1.85	1.89	1.94	1.70	1.78	1.91	1.84	2.08	2.28	2.21	1.90	1.65	1.69	1.47
	-17.05	-15.64	-19.04	-18.71	-19.54	-20.94	-31.53	-32.71	-9.14	-9.11	-1.36	0.00	0.00	-4.05	-2.83	-3.01	-9.76	-14.21	-4.94	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	26.15	24.28	24.45	24.22	25.11	27.44	39.05	39.85	32.72	29.69	27.85	27.15	27.09	27.84	27.42	29.07	35.14	43.99	37.63	31.24	28.68	26.58	27.34	25.58
24261	0.52	0.47	0.28	0.29	0.29	0.36	0.43	0.40	1.44	1.36	1.85	1.89	1.94	1.70	1.78	1.91	1.84	2.08	2.28	2.21	1.90	1.65	1.69	1.47
	-17.05	-15.64	-19.04	-18.71	-19.54	-20.94	-31.53	-32.71	-9.14	-9.11	-1.36	0.00	0.00	-4.05	-2.83	-3.01	-9.76	-14.21	-4.94	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	30.30	28.10	29.09	28.77	29.88	32.54	46.76	47.84	35.06	31.79	27.98	26.82	26.77	28.62	27.85	29.46	37.16	47.15	38.41	30.69	28.33	26.20	27.14	25.51
24011	0.55	0.51	0.32	0.32	0.33	0.41	0.52	0.49	1.57	1.27	1.65	1.57	1.61	1.50	1.53	1.57	1.48	1.77	1.85	1.66	1.55	1.27	1.49	1.40
	-21.17	-19.41	-23.64	-23.23	-24.26	-25.99	-39.15	-40.61	-11.35	-11.31	-1.68	0.00	0.00	-5.02	-3.52	-3.74	-12.13	-17.67	-6.15	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	30.37	28.16	29.13	28.81	29.93	32.61	46.87	47.95	35.28	31.96	28.18	27.00	26.97	28.80	28.03	29.65	37.36	47.38	38.63	30.90	28.55	26.40	27.32	25.66
23798	0.61	0.57	0.35	0.35	0.37	0.46	0.58	0.55	1.77	1.42	1.85	1.74	1.81	1.68	1.71	1.76	1.67	2.00	2.07	1.86	1.77	1.47	1.67	1.54
	-21.18	-19.42	-23.65	-23.24	-24.27	-26.01	-39.20	-40.66	-11.36	-11.33	-1.69	0.00	0.00	-5.03	-3.52	-3.74	-12.14	-17.68	-6.15	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	30.30	28.10	29.09	28.77	29.88	32.54	46.76	47.84	35.06	31.79	27.98	26.82	26.77	28.62	27.85	29.46	37.16	47.15	38.41	30.69	28.33	26.20	27.14	25.51
24028	0.55	0.51	0.32	0.32	0.33	0.41	0.52	0.49	1.57	1.27	1.65	1.57	1.61	1.50	1.53	1.57	1.48	1.77	1.85	1.66	1.55	1.27	1.49	1.40
	-21.17	-19.41	-23.64	-23.23	-24.26	-25.99	-39.15	-40.61	-11.35	-11.31	-1.68	0.00	0.00	-5.02	-3.52	-3.74	-12.13	-17.67	-6.15	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	29.42	27.29	28.21	27.90	28.98	31.58	45.33	46.39	34.20	31.01	27.41	26.40	26.26	27.97	27.28	28.93	36.48	46.18	37.88	30.43	28.12	26.06	26.68	25.03
23527	0.35	0.34	0.21	0.20	0.22	0.29	0.32	0.32	1.06	0.84	1.13	1.14	1.11	1.02	1.07	1.16	1.18	1.36	1.52	1.39	1.34	1.12	1.03	0.92
	-20.49	-18.78	-22.88	-22.48	-23.47	-25.15	-37.92	-39.33	-10.99	-10.96	-1.63	0.00	0.00	-4.86	-3.41	-3.62	-11.75	-17.12	-5.95	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	29.22	27.10	28.13	27.82	28.90	31.44	45.18	46.24	33.37	30.37	26.62	25.64	25.53	27.28	26.61	28.12	35.61	45.22	36.79	29.39	27.24	25.28	25.96	24.33
24190	0.07	0.07	0.04	0.04	0.04	0.05	0.06	0.05	0.20	0.17	0.34	0.38	0.38	0.31	0.39	0.34	0.31	0.39	0.43	0.35	0.46	0.35	0.31	0.22
	-20.57	-18.86	-22.97	-22.57	-23.57	-25.25	-38.03	-39.45	-11.02	-10.99	-1.64	0.00	0.00	-4.88	-3.42	-3.64	-11.76	-17.12	-5.96	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	0.49	0.28	0.28	0.28	0.18	0.18	0.92	1.08	0.58	0.86	0.77	22.17	22.16	19.53	20.22	21.53	21.49	25.62	28.01	26.42	24.88	23.24	24.01	22.64
355683	-1.10	-1.05	-0.66	-0.66	-0.67	-0.78	-0.90	-0.86	-2.79	-2.46	-3.18	-3.08	-2.99	-2.72	-2.69	-2.73	-2.43	-2.63	-2.58	-2.61	-1.90	-1.70	-1.64	-1.47
	6.99	6.84	4.19	4.29	4.44	5.18	5.27	4.80	18.77	15.89	20.70	0.01	0.00	-0.15	-0.11	-0.12	-0.37	-0.54	-0.19	0.00	0.00	0.00	0.00	0.00
ALBANY___1	29.22	27.10	28.13	27.82	28.90	31.44	45.18	46.24	33.37	30.37	26.62	25.64	25.53	27.28	26.61	28.12	35.61	45.22	36.79	29.39	27.24	25.28	25.96	24.33
23571	0.07	0.07	0.04	0.04	0.04	0.05	0.06	0.05	0.20	0.17	0.34	0.38	0.38	0.31	0.39	0.34	0.31	0.39	0.43	0.35	0.46	0.35	0.31	0.22
	-20.57	-18.86	-22.97	-22.57	-23.57	-25.25	-38.03	-39.45	-11.02	-10.99	-1.64	0.00	0.00	-4.88	-3.42	-3.64	-11.76	-17.12	-5.96	0.00	0.00	0.00	0.00	0.00
ALBANY___2	29.22	27.10	28.13	27.82	28.90	31.44	45.18	46.24	33.37	30.37	26.62	25.64	25.53	27.28	26.61	28.12	35.61	45.22	36.79	29.39	27.24	25.28	25.96	24.33
23572	0.07	0.07	0.04	0.04	0.04	0.05	0.06	0.05	0.20	0.17	0.34	0.38	0.38	0.31	0.39	0.34	0.31	0.39	0.43	0.35	0.46	0.35	0.31	0.22
	-20.57	-18.86	-22.97	-22.57	-23.57	-25.25	-38.03	-39.45	-11.02	-10.99	-1.64	0.00	0.00	-4.88	-3.42	-3.64	-11.76	-17.12	-5.96	0.00	0.00	0.00	0.00	0.00
ALBANY___3	29.22	27.10	28.13	27.82	28.90	31.44	45.18	46.24	33.37	30.37	26.62	25.64	25.53	27.28	26.61	28.12	35.61	45.22	36.79	29.39	27.24	25.28	25.96	24.33
23573	0.07	0.07	0.04	0.04	0.04	0.05	0.06	0.05	0.20	0.17	0.34	0.38	0.38	0.31	0.39	0.34	0.31	0.39	0.43	0.35	0.46	0.35	0.31	0.22
	-20.57	-18.86	-22.97	-22.57	-23.57	-25.25	-38.03	-39.45	-11.02	-10.99	-1.64	0.00	0.00	-4.88	-3.42	-3.64	-11.76	-17.12	-5.96	0.00	0.00	0.00	0.00	0.00

ALBANY___4 23574	29.22 0.07 -20.57	27.10 0.07 -18.86	28.13 0.04 -22.97	27.82 0.04 -22.57	28.90 0.04 -23.57	31.44 0.05 -25.25	45.18 0.06 -38.03	46.24 0.05 -39.45	33.37 0.20 -11.02	30.37 0.17 -10.99	26.62 0.34 -1.64	25.64 0.38 0.00	25.53 0.38 0.00	27.28 0.31 -4.88	26.61 0.39 -3.42	28.12 0.34 -3.64	35.61 0.31 -11.76	45.22 0.39 -17.12	36.79 0.43 -5.96	29.39 0.35 0.00	27.24 0.46 0.00	25.28 0.35 0.00	25.96 0.31 0.00	24.33 0.22 0.00
ALBANY___LFGE 323615	29.48 0.15 -20.74	27.33 0.15 -19.01	28.37 0.09 -23.16	28.06 0.09 -22.75	29.15 0.10 -23.76	31.72 0.12 -25.46	45.61 0.13 -38.38	46.68 0.12 -39.81	33.71 0.44 -11.12	30.66 0.36 -11.09	26.88 0.59 -1.65	25.86 0.61 0.00	25.79 0.63 0.00	27.61 0.60 -4.92	26.87 0.62 -3.45	28.42 0.60 -3.67	35.97 0.56 -11.86	45.67 0.69 -17.27	37.17 0.76 -6.01	29.68 0.64 0.00	27.50 0.72 0.00	25.56 0.62 0.00	26.19 0.54 0.00	24.52 0.41 0.00
ALCOA_PA_115KV_PL-6C 55860	0.84 -1.02 6.73	0.61 -0.98 6.58	0.51 -0.61 4.00	0.51 -0.61 4.10	0.42 -0.62 4.24	0.46 -0.72 4.96	1.25 -0.84 5.00	1.39 -0.80 4.55	1.45 -2.52 18.17	1.65 -2.31 15.25	1.73 -3.01 19.91	22.37 -2.88 0.01	22.36 -2.79 0.00	19.71 -2.54 -0.16	20.39 -2.53 -0.11	21.71 -2.56 -0.12	21.68 -2.26 -0.39	25.84 -2.44 -0.57	28.26 -2.34 -0.20	26.63 -2.41 0.00	25.09 -1.69 0.00	23.41 -1.52 0.00	24.19 -1.46 0.00	22.81 -1.30 0.00
ALCOA_RYNLDS___DRP 24188	0.84 -1.02 6.73	0.61 -0.98 6.58	0.51 -0.61 4.00	0.51 -0.61 4.10	0.42 -0.62 4.24	0.46 -0.72 4.96	1.25 -0.84 5.00	1.39 -0.80 4.55	1.45 -2.52 18.17	1.65 -2.31 15.25	1.73 -3.01 19.91	22.37 -2.88 0.01	22.36 -2.79 0.00	19.71 -2.54 -0.16	20.39 -2.53 -0.11	21.71 -2.56 -0.12	21.68 -2.26 -0.39	25.84 -2.44 -0.57	28.26 -2.34 -0.20	26.63 -2.41 0.00	25.09 -1.69 0.00	23.41 -1.52 0.00	24.19 -1.46 0.00	22.81 -1.30 0.00
ALCOA___DSASP 323711	0.84 -1.02 6.73	0.61 -0.98 6.58	0.51 -0.61 4.00	0.51 -0.61 4.10	0.42 -0.62 4.24	0.46 -0.72 4.96	1.14 -0.84 5.11	1.28 -0.80 4.66	1.42 -2.53 18.20	1.53 -2.31 15.38	1.60 -3.01 20.03	22.37 -2.88 0.01	22.36 -2.79 0.00	19.70 -2.54 -0.15	20.38 -2.53 -0.11	21.73 -2.54 -0.12	21.68 -2.26 -0.39	25.84 -2.44 -0.57	28.27 -2.34 -0.20	26.63 -2.41 0.00	25.09 -1.69 0.00	23.41 -1.52 0.00	24.19 -1.46 0.00	22.81 -1.30 0.00
ALLEGHENY___COGEN 23514	13.66 0.29 -4.79	12.83 0.27 -4.39	10.64 0.17 -5.35	10.64 0.16 -5.25	10.95 0.17 -5.49	12.24 0.22 -5.88	16.29 0.25 -8.95	16.26 0.24 -9.28	25.18 0.44 -2.59	21.97 0.17 -2.59	24.98 -0.05 -0.39	25.23 -0.03 0.00	25.13 -0.03 0.00	23.24 0.00 -1.15	23.71 0.11 -0.80	25.26 0.38 -0.85	26.65 0.72 -2.73	32.40 0.79 -3.97	32.58 0.79 -1.38	30.17 1.13 0.00	27.61 0.83 0.00	25.73 0.80 0.00	26.32 0.67 0.00	24.98 0.87 0.00
ALTAMONT_115KV_TB 2 55880	29.35 0.20 -20.57	27.22 0.19 -18.86	28.22 0.12 -22.97	27.91 0.12 -22.57	28.99 0.12 -23.57	31.54 0.14 -25.26	45.30 0.16 -38.04	46.35 0.15 -39.46	33.70 0.53 -11.03	30.64 0.44 -10.99	26.92 0.64 -1.64	25.92 0.66 0.00	25.81 0.65 0.00	27.55 0.57 -4.88	26.86 0.64 -3.42	28.46 0.68 -3.64	35.97 0.66 -11.77	45.59 0.75 -17.14	37.22 0.85 -5.96	29.82 0.78 0.00	27.53 0.75 0.00	25.56 0.62 0.00	26.27 0.62 0.00	24.62 0.51 0.00
ALTONA_WT_PWR 323606	0.36 -1.21 7.02	0.14 -1.17 6.86	0.17 -0.74 4.21	0.16 -0.76 4.31	0.04 -0.79 4.46	0.03 -0.91 5.20	0.65 -1.04 5.40	0.82 -0.99 4.94	0.03 -3.25 18.86	0.45 -2.82 15.94	0.25 -3.67 20.72	21.76 -3.49 0.01	21.81 -3.35 0.00	19.12 -3.11 -0.14	19.86 -3.05 -0.11	21.24 -3.02 -0.11	21.28 -2.64 -0.37	25.48 -2.77 -0.54	27.83 -2.77 -0.19	26.37 -2.67 0.00	24.91 -1.88 0.00	23.26 -1.67 0.00	24.09 -1.57 0.00	22.81 -1.30 0.00
AMERICAN_REF_FUEL 24010	12.82 -0.25 -4.48	12.08 -0.20 -4.11	9.99 -0.14 -5.00	9.99 -0.15 -4.92	10.28 -0.15 -5.13	11.45 -0.20 -5.50	15.13 -0.33 -8.36	15.09 -0.32 -8.67	23.24 -1.33 -2.42	20.43 -1.19 -2.42	23.40 -1.60 -0.36	23.74 -1.51 0.00	23.67 -1.48 0.00	21.88 -1.28 -1.07	22.38 -1.16 -0.74	23.71 -1.23 -0.79	24.75 -1.37 -2.57	29.71 -1.74 -3.74	29.67 -2.04 -1.30	27.59 -1.45 0.00	25.17 -1.61 0.00	23.56 -1.37 0.00	24.24 -1.41 0.00	23.27 -0.84 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	13.13 -0.21 -4.76	12.35 -0.18 -4.36	10.30 -0.13 -5.31	10.29 -0.15 -5.22	10.60 -0.14 -5.45	11.81 -0.17 -5.84	15.73 -0.23 -8.88	15.72 -0.23 -9.21	23.66 -1.06 -2.57	20.83 -0.94 -2.57	23.77 -1.26 -0.38	24.37 -0.88 0.00	24.35 -0.81 0.00	22.59 -0.64 -1.14	22.95 -0.64 -0.79	24.34 -0.65 -0.84	25.70 -0.59 -2.74	31.28 -0.41 -3.99	31.22 -0.58 -1.39	29.15 0.12 0.00	26.57 -0.22 0.00	24.86 -0.07 0.00	25.52 -0.13 0.00	24.45 0.34 0.00
ARTHUR_KILL_GT_1 23520	26.27 0.64 -17.05	24.38 0.57 -15.64	24.50 0.34 -19.04	24.28 0.34 -18.71	25.16 0.33 -19.54	27.45 0.37 -20.94	39.01 0.35 -31.57	39.78 0.30 -32.74	32.44 1.15 -9.14	29.46 1.13 -9.12	27.54 1.55 -1.35	26.84 1.59 0.01	26.78 1.63 0.01	27.57 1.44 -4.04	27.16 1.53 -2.83	28.80 1.64 -3.01	34.92 1.62 -9.75	43.77 1.86 -14.20	37.35 2.01 -4.94	30.95 1.92 0.01	28.38 1.61 0.01	26.48 1.55 0.00	27.29 1.64 0.00	25.70 1.59 0.00
ARTHUR_KILL_2 23512	26.25 0.61 -17.05	24.35 0.55 -15.64	24.49 0.32 -19.04	24.26 0.33 -18.71	25.15 0.32 -19.54	27.43 0.36 -20.94	38.99 0.33 -31.57	39.76 0.28 -32.74	32.37 1.08 -9.14	29.40 1.08 -9.12	27.47 1.48 -1.35	26.79 1.54 0.01	26.74 1.59 0.01	27.50 1.37 -4.04	27.09 1.46 -2.83	28.72 1.57 -3.01	34.85 1.55 -9.75	43.68 1.77 -14.20	37.26 1.92 -4.94	30.86 1.83 0.01	28.30 1.53 0.01	26.40 1.47 0.00	27.22 1.56 0.00	25.63 1.52 0.00
ARTHUR_KILL_3 23513	26.07 0.44 -17.05	24.21 0.40 -15.63	24.40 0.24 -19.04	24.18 0.25 -18.71	25.07 0.24 -19.54	27.39 0.31 -20.93	39.03 0.38 -31.57	39.82 0.34 -32.75	32.53 1.24 -9.15	29.56 1.23 -9.12	27.65 1.65 -1.36	26.95 1.69 0.00	26.89 1.73 0.00	27.66 1.52 -4.05	27.26 1.62 -2.83	28.90 1.74 -3.01	34.95 1.65 -9.76	43.69 1.77 -14.21	37.39 2.04 -4.94	30.98 1.95 0.00	28.52 1.74 0.00	26.48 1.55 0.00	27.14 1.49 0.00	25.39 1.28 0.00
ARTHUR_KILL_COGEN 323718	26.27 0.64 -17.05	24.38 0.57 -15.64	24.50 0.34 -19.04	24.28 0.34 -18.71	25.16 0.33 -19.54	27.45 0.37 -20.94	39.01 0.35 -31.57	39.78 0.30 -32.74	32.44 1.15 -9.14	29.46 1.13 -9.12	27.54 1.55 -1.35	26.84 1.59 0.01	26.78 1.63 0.01	27.57 1.44 -4.04	27.16 1.53 -2.83	28.80 1.64 -3.01	34.92 1.62 -9.75	43.77 1.86 -14.20	37.35 2.01 -4.94	30.95 1.92 0.01	28.38 1.61 0.01	26.48 1.55 0.00	27.29 1.64 0.00	25.70 1.59 0.00
ASHOKAN____ 23654	27.84 0.45 -18.80	25.84 0.43 -17.24	26.39 0.27 -21.00	26.12 0.27 -20.63	27.10 0.27 -21.54	29.51 0.29 -23.08	42.22 0.33 -34.80	43.16 0.32 -36.10	33.30 1.06 -10.09	30.15 0.88 -10.06	27.20 1.06 -1.50	26.40 1.14 0.00	26.26 1.11 0.00	27.55 1.00 -4.46	27.02 1.09 -3.13	28.61 1.14 -3.32	35.40 1.06 -10.79	44.65 1.22 -15.72	37.31 1.43 -5.47	30.20 1.16 0.00	28.01 1.23 0.00	26.00 1.07 0.00	26.60 0.95 0.00	24.88 0.77 0.00

ASTORIA_EAST_ENERGY_CC1 323581	26.22 0.58 -17.06	24.35 0.54 -15.64	24.49 0.32 -19.05	24.27 0.33 -18.72	25.16 0.32 -19.55	27.44 0.36 -20.94	38.98 0.32 -31.57	39.78 0.30 -32.74	32.46 1.17 -9.14	29.50 1.17 -9.12	27.59 1.60 -1.35	26.92 1.67 0.01	26.86 1.71 0.01	27.59 1.46 -4.04	27.18 1.55 -2.83	28.82 1.66 -3.01	34.87 1.58 -9.75	43.66 1.75 -14.20	37.26 1.92 -4.94	30.98 1.95 0.00	28.41 1.63 0.01	26.48 1.55 0.00	27.22 1.56 0.00	25.68 1.57 0.00
ASTORIA_EAST_ENERGY_CC2 323582	26.22 0.58 -17.06	24.35 0.54 -15.64	24.49 0.32 -19.05	24.27 0.33 -18.72	25.16 0.32 -19.55	27.44 0.36 -20.94	38.98 0.32 -31.57	39.78 0.30 -32.74	32.46 1.17 -9.14	29.50 1.17 -9.12	27.59 1.60 -1.35	26.92 1.67 0.01	26.86 1.71 0.01	27.59 1.46 -4.04	27.18 1.55 -2.83	28.82 1.66 -3.01	34.87 1.58 -9.75	43.66 1.75 -14.20	37.26 1.92 -4.94	30.98 1.95 0.00	28.41 1.63 0.01	26.48 1.55 0.00	27.22 1.56 0.00	25.68 1.57 0.00
ASTORIA_GT2_1 24094	26.21 0.58 -17.05	24.35 0.54 -15.64	24.49 0.32 -19.04	24.27 0.33 -18.71	25.15 0.32 -19.54	27.44 0.36 -20.94	38.94 0.32 -31.53	39.75 0.30 -32.71	32.48 1.20 -9.14	29.49 1.17 -9.11	27.62 1.63 -1.36	26.93 1.67 0.00	26.87 1.71 0.00	27.64 1.50 -4.05	27.21 1.57 -2.83	28.85 1.69 -3.01	34.90 1.60 -9.76	43.69 1.77 -14.21	37.27 1.92 -4.94	30.98 1.95 0.00	28.41 1.63 0.00	26.40 1.47 0.00	27.24 1.59 0.00	25.68 1.57 0.00
ASTORIA_GT2_2 24095	26.21 0.58 -17.05	24.35 0.54 -15.64	24.49 0.32 -19.04	24.27 0.33 -18.71	25.15 0.32 -19.54	27.44 0.36 -20.94	38.94 0.32 -31.53	39.75 0.30 -32.71	32.48 1.20 -9.14	29.49 1.17 -9.11	27.62 1.63 -1.36	26.93 1.67 0.00	26.87 1.71 0.00	27.64 1.50 -4.05	27.21 1.57 -2.83	28.85 1.69 -3.01	34.90 1.60 -9.76	43.69 1.77 -14.21	37.27 1.92 -4.94	30.98 1.95 0.00	28.41 1.63 0.00	26.40 1.47 0.00	27.24 1.59 0.00	25.68 1.57 0.00
ASTORIA_GT2_3 24096	26.21 0.58 -17.05	24.35 0.54 -15.64	24.49 0.32 -19.04	24.27 0.33 -18.71	25.15 0.32 -19.54	27.44 0.36 -20.94	38.94 0.32 -31.53	39.75 0.30 -32.71	32.48 1.20 -9.14	29.49 1.17 -9.11	27.62 1.63 -1.36	26.93 1.67 0.00	26.87 1.71 0.00	27.64 1.50 -4.05	27.21 1.57 -2.83	28.85 1.69 -3.01	34.90 1.60 -9.76	43.69 1.77 -14.21	37.27 1.92 -4.94	30.98 1.95 0.00	28.41 1.63 0.00	26.40 1.47 0.00	27.24 1.59 0.00	25.68 1.57 0.00
ASTORIA_GT2_4 24097	26.21 0.58 -17.05	24.35 0.54 -15.64	24.49 0.32 -19.04	24.27 0.33 -18.71	25.15 0.32 -19.54	27.44 0.36 -20.94	38.94 0.32 -31.53	39.75 0.30 -32.71	32.48 1.20 -9.14	29.49 1.17 -9.11	27.62 1.63 -1.36	26.93 1.67 0.00	26.87 1.71 0.00	27.64 1.50 -4.05	27.21 1.57 -2.83	28.85 1.69 -3.01	34.90 1.60 -9.76	43.69 1.77 -14.21	37.27 1.92 -4.94	30.98 1.95 0.00	28.41 1.63 0.00	26.40 1.47 0.00	27.24 1.59 0.00	25.68 1.57 0.00
ASTORIA_GT3_1 24098	26.21 0.58 -17.05	24.35 0.54 -15.64	24.49 0.32 -19.04	24.27 0.33 -18.71	25.15 0.32 -19.54	27.44 0.36 -20.94	38.94 0.32 -31.53	39.75 0.30 -32.71	32.48 1.20 -9.14	29.49 1.17 -9.11	27.62 1.63 -1.36	26.93 1.67 0.00	26.87 1.71 0.00	27.64 1.50 -4.05	27.21 1.57 -2.83	28.85 1.69 -3.01	34.90 1.60 -9.76	43.69 1.77 -14.21	37.27 1.92 -4.94	30.98 1.95 0.00	28.41 1.63 0.00	26.40 1.47 0.00	27.24 1.59 0.00	25.68 1.57 0.00
ASTORIA_GT3_2 24099	26.21 0.58 -17.05	24.35 0.54 -15.64	24.49 0.32 -19.04	24.27 0.33 -18.71	25.15 0.32 -19.54	27.44 0.36 -20.94	38.94 0.32 -31.53	39.75 0.30 -32.71	32.48 1.20 -9.14	29.49 1.17 -9.11	27.62 1.63 -1.36	26.93 1.67 0.00	26.87 1.71 0.00	27.64 1.50 -4.05	27.21 1.57 -2.83	28.85 1.69 -3.01	34.90 1.60 -9.76	43.69 1.77 -14.21	37.27 1.92 -4.94	30.98 1.95 0.00	28.41 1.63 0.00	26.40 1.47 0.00	27.24 1.59 0.00	25.68 1.57 0.00
ASTORIA_GT3_3 24100	26.21 0.58 -17.05	24.35 0.54 -15.64	24.49 0.32 -19.04	24.27 0.33 -18.71	25.15 0.32 -19.54	27.44 0.36 -20.94	38.94 0.32 -31.53	39.75 0.30 -32.71	32.48 1.20 -9.14	29.49 1.17 -9.11	27.62 1.63 -1.36	26.93 1.67 0.00	26.87 1.71 0.00	27.64 1.50 -4.05	27.21 1.57 -2.83	28.85 1.69 -3.01	34.90 1.60 -9.76	43.69 1.77 -14.21	37.27 1.92 -4.94	30.98 1.95 0.00	28.41 1.63 0.00	26.40 1.47 0.00	27.24 1.59 0.00	25.68 1.57 0.00
ASTORIA_GT3_4 24101	26.21 0.58 -17.05	24.35 0.54 -15.64	24.49 0.32 -19.04	24.27 0.33 -18.71	25.15 0.32 -19.54	27.44 0.36 -20.94	38.94 0.32 -31.53	39.75 0.30 -32.71	32.48 1.20 -9.14	29.49 1.17 -9.11	27.62 1.63 -1.36	26.93 1.67 0.00	26.87 1.71 0.00	27.64 1.50 -4.05	27.21 1.57 -2.83	28.85 1.69 -3.01	34.90 1.60 -9.76	43.69 1.77 -14.21	37.27 1.92 -4.94	30.98 1.95 0.00	28.41 1.63 0.00	26.40 1.47 0.00	27.24 1.59 0.00	25.68 1.57 0.00
ASTORIA_GT4_1 24102	26.21 0.58 -17.05	24.35 0.54 -15.64	24.49 0.32 -19.04	24.27 0.33 -18.71	25.15 0.32 -19.54	27.44 0.36 -20.94	38.94 0.32 -31.53	39.75 0.30 -32.71	32.48 1.20 -9.14	29.49 1.17 -9.11	27.62 1.63 -1.36	26.93 1.67 0.00	26.87 1.71 0.00	27.64 1.50 -4.05	27.21 1.57 -2.83	28.85 1.69 -3.01	34.90 1.60 -9.76	43.69 1.77 -14.21	37.27 1.92 -4.94	30.98 1.95 0.00	28.41 1.63 0.00	26.40 1.47 0.00	27.24 1.59 0.00	25.68 1.57 0.00
ASTORIA_GT4_2 24103	26.21 0.58 -17.05	24.35 0.54 -15.64	24.49 0.32 -19.04	24.27 0.33 -18.71	25.15 0.32 -19.54	27.44 0.36 -20.94	38.94 0.32 -31.53	39.75 0.30 -32.71	32.48 1.20 -9.14	29.49 1.17 -9.11	27.62 1.63 -1.36	26.93 1.67 0.00	26.87 1.71 0.00	27.64 1.50 -4.05	27.21 1.57 -2.83	28.85 1.69 -3.01	34.90 1.60 -9.76	43.69 1.77 -14.21	37.27 1.92 -4.94	30.98 1.95 0.00	28.41 1.63 0.00	26.40 1.47 0.00	27.24 1.59 0.00	25.68 1.57 0.00
ASTORIA_GT4_3 24104	26.21 0.58 -17.05	24.35 0.54 -15.64	24.49 0.32 -19.04	24.27 0.33 -18.71	25.15 0.32 -19.54	27.44 0.36 -20.94	38.94 0.32 -31.53	39.75 0.30 -32.71	32.48 1.20 -9.14	29.49 1.17 -9.11	27.62 1.63 -1.36	26.93 1.67 0.00	26.87 1.71 0.00	27.64 1.50 -4.05	27.21 1.57 -2.83	28.85 1.69 -3.01	34.90 1.60 -9.76	43.69 1.77 -14.21	37.27 1.92 -4.94	30.98 1.95 0.00	28.41 1.63 0.00	26.40 1.47 0.00	27.24 1.59 0.00	25.68 1.57 0.00
ASTORIA_GT4_4 24105	26.21 0.58 -17.05	24.35 0.54 -15.64	24.49 0.32 -19.04	24.27 0.33 -18.71	25.15 0.32 -19.54	27.44 0.36 -20.94	38.94 0.32 -31.53	39.75 0.30 -32.71	32.48 1.20 -9.14	29.49 1.17 -9.11	27.62 1.63 -1.36	26.93 1.67 0.00	26.87 1.71 0.00	27.64 1.50 -4.05	27.21 1.57 -2.83	28.85 1.69 -3.01	34.90 1.60 -9.76	43.69 1.77 -14.21	37.27 1.92 -4.94	30.98 1.95 0.00	28.41 1.63 0.00	26.40 1.47 0.00	27.24 1.59 0.00	25.68 1.57 0.00
ASTORIA_GT_1 23523	26.24 0.59 -17.06	24.37 0.56 -15.64	24.50 0.33 -19.05	24.28 0.34 -18.72	25.17 0.33 -19.55	27.45 0.37 -20.94	38.99 0.33 -31.57	39.79 0.31 -32.74	32.53 1.24 -9.14	29.54 1.21 -9.12	27.67 1.68 -1.35	26.97 1.72 0.01	26.91 1.76 0.01	27.66 1.52 -4.04	27.22 1.60 -2.83	28.89 1.74 -3.01	34.94 1.65 -9.75	43.74 1.83 -14.20	37.35 2.01 -4.94	31.04 2.00 0.00	28.46 1.69 0.01	26.53 1.60 0.00	27.29 1.64 0.00	25.73 1.62 0.00

ASTORIA_GT_10 24110	26.16 0.52 -17.05	24.29 0.48 -15.64	24.45 0.29 -19.04	24.23 0.30 -18.71	25.11 0.29 -19.54	27.42 0.34 -20.94	38.99 0.36 -31.53	39.79 0.34 -32.71	32.57 1.28 -9.14	29.57 1.25 -9.11	27.72 1.72 -1.36	27.03 1.77 0.00	26.97 1.81 0.00	27.71 1.57 -4.05	27.28 1.64 -2.83	28.92 1.76 -3.01	35.00 1.70 -9.76	43.80 1.88 -14.21	37.42 2.07 -4.94	31.04 2.00 0.00	28.49 1.71 0.00	26.45 1.52 0.00	27.24 1.59 0.00	25.56 1.45 0.00
ASTORIA_GT_11 24225	26.16 0.52 -17.05	24.29 0.48 -15.64	24.45 0.29 -19.04	24.23 0.30 -18.71	25.11 0.29 -19.54	27.42 0.34 -20.94	38.99 0.36 -31.53	39.79 0.34 -32.71	32.57 1.28 -9.14	29.57 1.25 -9.11	27.72 1.72 -1.36	27.03 1.77 0.00	26.97 1.81 0.00	27.71 1.57 -4.05	27.28 1.64 -2.83	28.92 1.76 -3.01	35.00 1.70 -9.76	43.80 1.88 -14.21	37.42 2.07 -4.94	31.04 2.00 0.00	28.49 1.71 0.00	26.45 1.52 0.00	27.24 1.59 0.00	25.56 1.45 0.00
ASTORIA_GT_12 24226	26.16 0.52 -17.05	24.29 0.48 -15.64	24.45 0.29 -19.04	24.23 0.30 -18.71	25.11 0.29 -19.54	27.42 0.34 -20.94	38.99 0.36 -31.53	39.79 0.34 -32.71	32.57 1.28 -9.14	29.57 1.25 -9.11	27.72 1.72 -1.36	27.03 1.77 0.00	26.97 1.81 0.00	27.71 1.57 -4.05	27.28 1.64 -2.83	28.92 1.76 -3.01	35.00 1.70 -9.76	43.80 1.88 -14.21	37.42 2.07 -4.94	31.04 2.00 0.00	28.49 1.71 0.00	26.45 1.52 0.00	27.24 1.59 0.00	25.56 1.45 0.00
ASTORIA_GT_13 24227	26.16 0.52 -17.05	24.29 0.48 -15.64	24.45 0.29 -19.04	24.23 0.30 -18.71	25.11 0.29 -19.54	27.42 0.34 -20.94	38.99 0.36 -31.53	39.79 0.34 -32.71	32.57 1.28 -9.14	29.57 1.25 -9.11	27.72 1.72 -1.36	27.03 1.77 0.00	26.97 1.81 0.00	27.71 1.57 -4.05	27.28 1.64 -2.83	28.92 1.76 -3.01	35.00 1.70 -9.76	43.80 1.88 -14.21	37.42 2.07 -4.94	31.04 2.00 0.00	28.49 1.71 0.00	26.45 1.52 0.00	27.24 1.59 0.00	25.56 1.45 0.00
ASTORIA_GT_5 24106	26.24 0.59 -17.06	24.37 0.56 -15.64	24.50 0.33 -19.05	24.28 0.34 -18.72	25.17 0.33 -19.55	27.45 0.37 -20.94	38.99 0.33 -31.57	39.79 0.31 -32.74	32.53 1.24 -9.14	29.54 1.21 -9.12	27.67 1.68 -1.35	26.97 1.72 0.01	26.91 1.76 0.01	27.66 1.52 -4.04	27.22 1.60 -2.83	28.89 1.74 -3.01	34.94 1.65 -9.75	43.74 1.83 -14.20	37.35 2.01 -4.94	31.04 2.00 0.00	28.46 1.69 0.01	26.53 1.60 0.00	27.29 1.64 0.00	25.73 1.62 0.00
ASTORIA_GT_7 24107	26.24 0.59 -17.06	24.37 0.56 -15.64	24.50 0.33 -19.05	24.28 0.34 -18.72	25.17 0.33 -19.55	27.45 0.37 -20.94	38.99 0.33 -31.57	39.79 0.31 -32.74	32.53 1.24 -9.14	29.54 1.21 -9.12	27.67 1.68 -1.35	26.97 1.72 0.01	26.91 1.76 0.01	27.66 1.52 -4.04	27.22 1.60 -2.83	28.89 1.74 -3.01	34.94 1.65 -9.75	43.74 1.83 -14.20	37.35 2.01 -4.94	31.04 2.00 0.00	28.46 1.69 0.01	26.53 1.60 0.00	27.29 1.64 0.00	25.73 1.62 0.00
ASTORIA_GT_8 24108	26.23 0.59 -17.05	24.36 0.56 -15.64	24.49 0.33 -19.04	24.27 0.34 -18.71	25.16 0.33 -19.54	27.45 0.37 -20.94	38.96 0.33 -31.53	39.76 0.31 -32.71	32.53 1.24 -9.14	29.53 1.21 -9.11	27.67 1.68 -1.36	26.98 1.72 0.00	26.92 1.76 0.00	27.68 1.55 -4.05	27.23 1.60 -2.83	28.90 1.74 -3.01	34.95 1.65 -9.76	43.74 1.83 -14.21	37.33 1.98 -4.94	31.04 2.00 0.00	28.47 1.69 0.00	26.45 1.52 0.00	27.29 1.64 0.00	25.73 1.62 0.00
ASTORIA___2 24149	26.22 0.58 -17.06	24.35 0.54 -15.64	24.50 0.32 -19.05	24.27 0.33 -18.72	25.16 0.32 -19.55	27.44 0.36 -20.94	38.98 0.32 -31.57	39.78 0.30 -32.74	32.48 1.20 -9.14	29.50 1.17 -9.12	27.62 1.63 -1.35	26.92 1.67 0.01	26.86 1.71 0.01	27.61 1.48 -4.04	27.20 1.57 -2.83	28.84 1.69 -3.01	34.90 1.60 -9.75	43.68 1.77 -14.20	37.29 1.95 -4.94	30.98 1.95 0.00	28.41 1.63 0.01	26.48 1.55 0.00	27.24 1.59 0.00	25.68 1.57 0.00
ASTORIA___3 23516	26.16 0.52 -17.05	24.29 0.48 -15.64	24.45 0.29 -19.04	24.23 0.30 -18.71	25.11 0.29 -19.54	27.42 0.34 -20.94	39.02 0.36 -31.57	39.83 0.34 -32.75	32.58 1.28 -9.15	29.58 1.25 -9.12	27.72 1.72 -1.36	27.03 1.77 0.00	26.97 1.81 0.00	27.69 1.55 -4.05	27.28 1.64 -2.83	28.92 1.76 -3.01	35.00 1.70 -9.76	43.80 1.88 -14.21	37.42 2.07 -4.94	31.04 2.00 0.00	28.50 1.72 0.00	26.53 1.60 0.00	27.24 1.59 0.00	25.56 1.45 0.00
ASTORIA___4 23517	26.16 0.52 -17.05	24.29 0.48 -15.64	24.45 0.29 -19.04	24.23 0.30 -18.71	25.11 0.29 -19.54	27.42 0.34 -20.94	38.99 0.36 -31.53	39.79 0.34 -32.71	32.57 1.28 -9.14	29.57 1.25 -9.11	27.72 1.72 -1.36	27.03 1.77 0.00	26.97 1.81 0.00	27.71 1.57 -4.05	27.28 1.64 -2.83	28.92 1.76 -3.01	35.00 1.70 -9.76	43.80 1.88 -14.21	37.42 2.07 -4.94	31.04 2.00 0.00	28.49 1.71 0.00	26.45 1.52 0.00	27.24 1.59 0.00	25.56 1.45 0.00
ASTORIA___5 23518	26.16 0.52 -17.05	24.29 0.48 -15.64	24.45 0.29 -19.04	24.23 0.30 -18.71	25.11 0.29 -19.54	27.42 0.34 -20.94	39.02 0.36 -31.57	39.83 0.34 -32.75	32.58 1.28 -9.15	29.58 1.25 -9.12	27.72 1.72 -1.36	27.03 1.77 0.00	26.97 1.81 0.00	27.69 1.55 -4.05	27.28 1.64 -2.83	28.92 1.76 -3.01	35.00 1.70 -9.76	43.80 1.88 -14.21	37.42 2.07 -4.94	31.04 2.00 0.00	28.50 1.72 0.00	26.53 1.60 0.00	27.24 1.59 0.00	25.56 1.45 0.00
AST_ENERGY_2_CC3 323677	26.08 0.45 -17.05	24.21 0.41 -15.63	24.41 0.24 -19.04	24.18 0.25 -18.71	25.08 0.25 -19.54	27.39 0.31 -20.93	35.36 0.37 -27.90	38.31 0.34 -31.23	32.54 1.26 -9.13	29.53 1.21 -9.11	27.63 1.65 -1.34	26.94 1.69 0.02	26.88 1.73 0.02	27.63 1.50 -4.03	27.22 1.60 -2.82	28.86 1.71 -3.00	34.93 1.65 -9.74	43.73 1.83 -14.19	37.37 2.04 -4.93	30.98 1.95 0.01	28.48 1.72 0.02	26.47 1.55 0.01	27.14 1.49 0.00	25.39 1.28 0.00
AST_ENERGY_2_CC4 323678	26.08 0.45 -17.05	24.21 0.41 -15.63	24.41 0.24 -19.04	24.18 0.25 -18.71	25.08 0.25 -19.54	27.39 0.31 -20.93	35.36 0.37 -27.90	38.31 0.34 -31.23	32.54 1.26 -9.13	29.53 1.21 -9.11	27.63 1.65 -1.34	26.94 1.69 0.02	26.88 1.73 0.02	27.63 1.50 -4.03	27.22 1.60 -2.82	28.86 1.71 -3.00	34.93 1.65 -9.74	43.73 1.83 -14.19	37.37 2.04 -4.93	30.98 1.95 0.01	28.48 1.72 0.02	26.47 1.55 0.01	27.14 1.49 0.00	25.39 1.28 0.00
ATHENS_STG_1 23668	27.65 0.23 -18.84	25.66 0.22 -17.27	26.30 0.14 -21.04	26.03 0.14 -20.67	27.02 0.14 -21.58	29.42 0.15 -23.13	42.14 0.18 -34.87	43.08 0.17 -36.17	32.85 0.60 -10.11	29.82 0.54 -10.08	26.91 0.76 -1.50	26.04 0.78 0.00	25.96 0.80 0.00	27.27 0.71 -4.47	26.69 0.75 -3.13	28.27 0.80 -3.33	35.10 0.78 -10.78	44.29 0.89 -15.70	36.84 0.97 -5.46	29.94 0.90 0.00	27.64 0.86 0.00	25.68 0.75 0.00	26.37 0.72 0.00	24.72 0.60 0.00
ATHENS_STG_2 23670	27.65 0.23 -18.84	25.66 0.22 -17.27	26.30 0.14 -21.04	26.03 0.14 -20.67	27.02 0.14 -21.58	29.42 0.15 -23.13	42.14 0.18 -34.87	43.08 0.17 -36.17	32.85 0.60 -10.11	29.82 0.54 -10.08	26.91 0.76 -1.50	26.04 0.78 0.00	25.96 0.80 0.00	27.27 0.71 -4.47	26.69 0.75 -3.13	28.27 0.80 -3.33	35.10 0.78 -10.78	44.29 0.89 -15.70	36.84 0.97 -5.46	29.94 0.90 0.00	27.64 0.86 0.00	25.68 0.75 0.00	26.37 0.72 0.00	24.72 0.60 0.00

ATHENS_STG_3 23677	27.65 0.23 -18.84	25.66 0.22 -17.27	26.30 0.14 -21.04	26.03 0.14 -20.67	27.02 0.14 -21.58	29.42 0.15 -23.13	42.14 0.18 -34.87	43.08 0.17 -36.17	32.85 0.60 -10.11	29.82 0.54 -10.08	26.91 0.76 -1.50	26.04 0.78 0.00	25.96 0.80 0.00	27.27 0.71 -4.47	26.69 0.75 -3.13	28.27 0.80 -3.33	35.10 0.78 -10.78	44.29 0.89 -15.70	36.84 0.97 -5.46	29.94 0.90 0.00	27.64 0.86 0.00	25.68 0.75 0.00	26.37 0.72 0.00	24.72 0.60 0.00
AUBURN____LFGE 323710	12.64 0.11 -3.94	11.89 0.11 -3.62	9.59 0.07 -4.40	9.61 0.06 -4.33	9.88 0.07 -4.52	11.07 0.09 -4.84	14.50 0.12 -7.29	14.43 0.12 -7.56	24.59 0.33 -2.11	21.58 0.27 -2.11	25.25 0.30 -0.31	25.61 0.35 0.00	25.48 0.33 0.00	23.34 0.31 -0.94	23.73 0.27 -0.66	25.13 0.29 -0.70	26.08 0.28 -2.25	31.52 0.53 -3.28	31.88 0.33 -1.14	29.36 0.32 0.00	26.94 0.16 0.00	25.11 0.17 0.00	25.78 0.13 0.00	24.31 0.19 0.00
BABYLON_RES_REC 323704	26.29 0.66 -17.05	24.42 0.62 -15.63	24.53 0.37 -19.04	24.31 0.39 -18.70	25.20 0.38 -19.53	27.91 0.50 -21.27	39.22 0.57 -31.56	39.99 0.51 -32.74	33.22 1.93 -9.15	31.26 1.75 -10.31	29.18 2.32 -2.22	27.53 2.27 0.00	27.53 2.36 0.00	29.65 2.08 -5.48	32.99 2.21 -7.97	35.75 2.25 -9.36	41.58 2.28 -15.75	51.59 2.74 -21.14	48.75 2.92 -15.42	39.47 2.70 -7.73	37.58 2.36 -8.44	34.20 2.17 -7.10	28.47 2.44 -0.38	26.31 2.19 0.00
BABYLON__69_KV_BK2 356345	26.40 0.77 -17.05	24.53 0.73 -15.63	24.60 0.44 -19.04	24.38 0.45 -18.70	25.27 0.44 -19.53	28.00 0.58 -21.27	39.29 0.67 -31.52	40.04 0.60 -32.70	33.52 2.24 -9.14	31.52 2.02 -10.29	29.52 2.66 -2.21	27.89 2.63 0.00	27.87 2.72 0.00	29.97 2.41 -5.47	33.30 2.53 -7.97	35.99 2.37 -9.48	41.91 2.61 -15.75	52.03 3.19 -21.14	49.23 3.41 -15.42	39.74 2.96 -7.75	37.78 2.52 -8.48	34.29 2.24 -7.12	28.59 2.59 -0.35	26.65 2.53 -0.01
BALL_HILL_WT_PWR 323825	13.21 -0.08 -4.71	12.44 -0.05 -4.31	10.33 -0.05 -5.26	10.33 -0.06 -5.16	10.63 -0.05 -5.39	11.85 -0.07 -5.78	15.74 -0.13 -8.79	15.71 -0.15 -9.11	23.90 -0.80 -2.55	21.02 -0.73 -2.54	24.01 -1.01 -0.38	24.63 -0.63 0.00	24.55 -0.60 0.00	22.73 -0.49 -1.13	23.02 -0.57 -0.78	24.38 -0.60 -0.83	25.59 -0.66 -2.70	30.90 -0.75 -3.94	30.80 -0.97 -1.37	28.86 -0.17 0.00	26.30 -0.48 0.00	24.61 -0.32 0.00	25.29 -0.36 0.00	24.23 0.12 0.00
BARON_WINDS____WT_PWR 323822	14.19 -0.03 -5.64	13.32 -0.02 -5.17	11.40 -0.03 -6.30	11.38 -0.03 -6.19	11.73 -0.03 -6.47	13.03 -0.04 -6.93	17.58 -0.06 -10.55	17.61 -0.07 -10.94	24.72 -0.49 -3.06	21.80 -0.46 -3.05	24.45 -0.64 -0.45	24.85 -0.41 0.00	24.75 -0.40 0.00	23.11 -0.33 -1.35	23.35 -0.39 -0.94	24.81 -0.34 -1.00	26.42 -0.35 -3.22	32.07 -0.33 -4.69	31.58 -0.46 -1.63	29.24 0.20 0.00	26.70 -0.08 0.00	24.96 0.02 0.00	25.63 -0.03 0.00	24.38 0.27 0.00
BARRETT_IC_1 23704	26.22 0.59 -17.05	24.36 0.56 -15.63	24.49 0.33 -19.04	24.27 0.34 -18.70	25.16 0.33 -19.53	27.85 0.43 -21.28	39.13 0.48 -31.56	39.87 0.39 -32.74	32.82 1.53 -9.14	30.93 1.42 -10.30	28.75 1.90 -2.21	27.13 1.87 0.00	27.12 1.96 0.00	29.29 1.72 -5.47	32.59 1.82 -7.97	35.53 2.08 -9.31	41.20 1.91 -15.75	51.03 2.19 -21.14	48.23 2.40 -15.42	39.06 2.29 -7.73	37.26 2.06 -8.42	33.95 1.92 -7.10	32.26 2.15 -4.45	26.08 1.88 -0.08
BARRETT_IC_10 23701	26.22 0.59 -17.05	24.36 0.56 -15.63	24.49 0.33 -19.04	24.27 0.34 -18.70	25.16 0.33 -19.53	27.85 0.43 -21.28	39.13 0.48 -31.56	39.87 0.39 -32.74	32.82 1.53 -9.14	30.93 1.42 -10.30	28.75 1.90 -2.21	27.13 1.87 0.00	27.12 1.96 0.00	29.29 1.72 -5.47	32.59 1.82 -7.97	35.53 2.08 -9.31	41.20 1.91 -15.75	51.03 2.19 -21.14	48.23 2.40 -15.42	39.06 2.29 -7.73	37.26 2.06 -8.42	33.95 1.92 -7.10	32.26 2.15 -4.45	26.08 1.88 -0.08
BARRETT_IC_11 23702	26.22 0.59 -17.05	24.36 0.56 -15.63	24.49 0.33 -19.04	24.27 0.34 -18.70	25.16 0.33 -19.53	27.85 0.43 -21.28	39.13 0.48 -31.56	39.87 0.39 -32.74	32.82 1.53 -9.14	30.93 1.42 -10.30	28.75 1.90 -2.21	27.13 1.87 0.00	27.12 1.96 0.00	29.29 1.72 -5.47	32.59 1.82 -7.97	35.53 2.08 -9.31	41.20 1.91 -15.75	51.03 2.19 -21.14	48.23 2.40 -15.42	39.06 2.29 -7.73	37.26 2.06 -8.42	33.95 1.92 -7.10	32.26 2.15 -4.45	26.08 1.88 -0.08
BARRETT_IC_12 23703	26.22 0.59 -17.05	24.36 0.56 -15.63	24.49 0.33 -19.04	24.27 0.34 -18.70	25.16 0.33 -19.53	27.85 0.43 -21.28	39.13 0.48 -31.56	39.87 0.39 -32.74	32.82 1.53 -9.14	30.93 1.42 -10.30	28.75 1.90 -2.21	27.13 1.87 0.00	27.12 1.96 0.00	29.29 1.72 -5.47	32.59 1.82 -7.97	35.53 2.08 -9.31	41.20 1.91 -15.75	51.03 2.19 -21.14	48.23 2.40 -15.42	39.06 2.29 -7.73	37.26 2.06 -8.42	33.95 1.92 -7.10	32.26 2.15 -4.45	26.08 1.88 -0.08
BARRETT_IC_2 23705	26.22 0.59 -17.05	24.36 0.56 -15.63	24.49 0.33 -19.04	24.27 0.34 -18.70	25.16 0.33 -19.53	27.85 0.43 -21.28	39.13 0.48 -31.56	39.87 0.39 -32.74	32.82 1.53 -9.14	30.93 1.42 -10.30	28.75 1.90 -2.21	27.13 1.87 0.00	27.12 1.96 0.00	29.29 1.72 -5.47	32.59 1.82 -7.97	35.53 2.08 -9.31	41.20 1.91 -15.75	51.03 2.19 -21.14	48.23 2.40 -15.42	39.06 2.29 -7.73	37.26 2.06 -8.42	33.95 1.92 -7.10	32.26 2.15 -4.45	26.08 1.88 -0.08
BARRETT_IC_3 23706	26.22 0.59 -17.05	24.36 0.56 -15.63	24.49 0.33 -19.04	24.27 0.34 -18.70	25.16 0.33 -19.53	27.85 0.43 -21.28	39.13 0.48 -31.56	39.87 0.39 -32.74	32.82 1.53 -9.14	30.93 1.42 -10.30	28.75 1.90 -2.21	27.13 1.87 0.00	27.12 1.96 0.00	29.29 1.72 -5.47	32.59 1.82 -7.97	35.53 2.08 -9.31	41.20 1.91 -15.75	51.03 2.19 -21.14	48.23 2.40 -15.42	39.06 2.29 -7.73	37.26 2.06 -8.42	33.95 1.92 -7.10	32.26 2.15 -4.45	26.08 1.88 -0.08
BARRETT_IC_4 23707	26.22 0.59 -17.05	24.36 0.56 -15.63	24.49 0.33 -19.04	24.27 0.34 -18.70	25.16 0.33 -19.53	27.85 0.43 -21.28	39.13 0.48 -31.56	39.87 0.39 -32.74	32.82 1.53 -9.14	30.93 1.42 -10.30	28.75 1.90 -2.21	27.13 1.87 0.00	27.12 1.96 0.00	29.29 1.72 -5.47	32.59 1.82 -7.97	35.53 2.08 -9.31	41.20 1.91 -15.75	51.03 2.19 -21.14	48.23 2.40 -15.42	39.06 2.29 -7.73	37.26 2.06 -8.42	33.95 1.92 -7.10	32.26 2.15 -4.45	26.08 1.88 -0.08
BARRETT_IC_5 23708	26.22 0.59 -17.05	24.36 0.56 -15.63	24.49 0.33 -19.04	24.27 0.34 -18.70	25.16 0.33 -19.53	27.85 0.43 -21.28	39.13 0.48 -31.56	39.87 0.39 -32.74	32.82 1.53 -9.14	30.93 1.42 -10.30	28.75 1.90 -2.21	27.13 1.87 0.00	27.12 1.96 0.00	29.29 1.72 -5.47	32.59 1.82 -7.97	35.53 2.08 -9.31	41.20 1.91 -15.75	51.03 2.19 -21.14	48.23 2.40 -15.42	39.06 2.29 -7.73	37.26 2.06 -8.42	33.95 1.92 -7.10	32.26 2.15 -4.45	26.08 1.88 -0.08
BARRETT_IC_6 23709	26.22 0.59 -17.05	24.36 0.56 -15.63	24.49 0.33 -19.04	24.27 0.34 -18.70	25.16 0.33 -19.53	27.85 0.43 -21.28	39.13 0.48 -31.56	39.87 0.39 -32.74	32.82 1.53 -9.14	30.93 1.42 -10.30	28.75 1.90 -2.21	27.13 1.87 0.00	27.12 1.96 0.00	29.29 1.72 -5.47	32.59 1.82 -7.97	35.53 2.08 -9.31	41.20 1.91 -15.75	51.03 2.19 -21.14	48.23 2.40 -15.42	39.06 2.29 -7.73	37.26 2.06 -8.42	33.95 1.92 -7.10	32.26 2.15 -4.45	26.08 1.88 -0.08

BARRETT_IC_7 23710	26.22 0.59 -17.05	24.36 0.56 -15.63	24.49 0.33 -19.04	24.27 0.34 -18.70	25.16 0.33 -19.53	27.85 0.44 -21.27	39.10 0.48 -31.52	39.83 0.39 -32.70	32.83 1.55 -9.14	30.92 1.42 -10.29	28.78 1.92 -2.21	27.13 1.87 0.00	27.12 1.96 0.00	29.33 1.77 -5.47	32.62 1.85 -7.97	35.53 2.08 -9.31	41.20 1.91 -15.75	51.03 2.19 -21.14	48.23 2.40 -15.42	39.09 2.32 -7.73	37.26 2.06 -8.42	33.90 1.87 -7.10	32.22 2.10 -4.46	26.09 1.88 -0.09
BARRETT_IC_8 23711	26.22 0.59 -17.05	24.36 0.56 -15.63	24.49 0.33 -19.04	24.27 0.34 -18.70	25.16 0.33 -19.53	27.85 0.43 -21.28	39.13 0.48 -31.56	39.87 0.39 -32.74	32.82 1.53 -9.14	30.93 1.42 -10.30	28.75 1.90 -2.21	27.13 1.87 0.00	27.12 1.96 0.00	29.29 1.72 -5.47	32.59 1.82 -7.97	35.53 2.08 -9.31	41.20 1.91 -15.75	51.03 2.19 -21.14	48.23 2.40 -15.42	39.06 2.29 -7.73	37.26 2.06 -8.42	33.95 1.92 -7.10	32.26 2.15 -4.45	26.08 1.88 -0.08
BARRETT_IC_9 23700	26.22 0.59 -17.05	24.36 0.56 -15.63	24.49 0.33 -19.04	24.27 0.34 -18.70	25.16 0.33 -19.53	27.85 0.43 -21.28	39.13 0.48 -31.56	39.87 0.39 -32.74	32.82 1.53 -9.14	30.93 1.42 -10.30	28.75 1.90 -2.21	27.13 1.87 0.00	27.12 1.96 0.00	29.29 1.72 -5.47	32.59 1.82 -7.97	35.53 2.08 -9.31	41.20 1.91 -15.75	51.03 2.19 -21.14	48.23 2.40 -15.42	39.06 2.29 -7.73	37.26 2.06 -8.42	33.95 1.92 -7.10	32.26 2.15 -4.45	26.08 1.88 -0.08
BARRETT___1 23545	26.22 0.59 -17.05	24.36 0.56 -15.63	24.49 0.33 -19.04	24.27 0.34 -18.70	25.16 0.33 -19.53	27.85 0.43 -21.28	39.13 0.48 -31.56	39.87 0.39 -32.74	32.82 1.53 -9.14	30.93 1.42 -10.30	28.75 1.90 -2.21	27.13 1.87 0.00	27.12 1.96 0.00	29.29 1.72 -5.47	32.59 1.82 -7.97	35.53 2.08 -9.31	41.20 1.91 -15.75	51.03 2.19 -21.14	48.23 2.40 -15.42	39.06 2.29 -7.73	37.26 2.06 -8.42	33.95 1.92 -7.10	32.26 2.15 -4.45	26.08 1.88 -0.08
BARRETT___2 23546	26.22 0.59 -17.05	24.36 0.56 -15.63	24.49 0.33 -19.04	24.27 0.34 -18.70	25.16 0.33 -19.53	27.85 0.43 -21.28	39.13 0.48 -31.56	39.87 0.39 -32.74	32.82 1.53 -9.14	30.93 1.42 -10.30	28.75 1.90 -2.21	27.13 1.87 0.00	27.12 1.96 0.00	29.29 1.72 -5.47	32.59 1.82 -7.97	35.53 2.08 -9.31	41.20 1.91 -15.75	51.03 2.19 -21.14	48.23 2.40 -15.42	39.06 2.29 -7.73	37.26 2.06 -8.42	33.95 1.92 -7.10	32.26 2.15 -4.45	26.08 1.88 -0.08
BATAVIA___115KV_TB1 55881	13.00 0.08 -4.34	12.24 0.09 -3.98	10.02 0.06 -4.84	10.02 0.04 -4.76	10.31 0.05 -4.97	11.52 0.06 -5.32	15.12 0.01 -8.01	15.06 0.01 -8.31	24.20 -0.27 -2.32	21.26 -0.27 -2.32	24.54 -0.44 -0.35	24.96 -0.30 0.00	24.86 -0.30 0.00	23.08 -0.04 -1.03	23.39 -0.14 -0.72	24.74 -0.17 -0.77	25.77 -0.26 -2.49	31.02 -0.30 -3.62	31.21 -0.46 -1.26	28.81 -0.23 0.00	26.27 -0.51 0.00	24.51 -0.42 0.00	25.21 -0.44 0.00	24.09 -0.02 0.00
BAYONEEC___CTG1 323682	26.11 0.47 -17.05	24.24 0.43 -15.63	24.42 0.26 -19.04	24.19 0.26 -18.71	25.09 0.26 -19.54	27.41 0.33 -20.93	39.05 0.39 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.60 1.27 -9.12	27.72 1.72 -1.36	27.03 1.77 0.00	26.97 1.81 0.00	27.71 1.57 -4.05	27.30 1.66 -2.83	28.95 1.79 -3.01	35.02 1.72 -9.76	43.80 1.88 -14.21	37.48 2.13 -4.94	31.07 2.03 0.00	28.58 1.79 0.00	26.55 1.62 0.00	27.22 1.56 0.00	25.46 1.35 0.00
BAYONEEC___CTG10 323750	26.11 0.47 -17.05	24.24 0.43 -15.63	24.42 0.26 -19.04	24.19 0.26 -18.71	25.09 0.26 -19.54	27.41 0.33 -20.93	39.05 0.39 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.60 1.27 -9.12	27.72 1.72 -1.36	27.03 1.77 0.00	26.97 1.81 0.00	27.71 1.57 -4.05	27.30 1.66 -2.83	28.95 1.79 -3.01	35.02 1.72 -9.76	43.80 1.88 -14.21	37.48 2.13 -4.94	31.07 2.03 0.00	28.58 1.79 0.00	26.55 1.62 0.00	27.22 1.56 0.00	25.46 1.35 0.00
BAYONEEC___CTG2 323683	26.11 0.47 -17.05	24.24 0.43 -15.63	24.42 0.26 -19.04	24.19 0.26 -18.71	25.09 0.26 -19.54	27.41 0.33 -20.93	39.05 0.39 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.60 1.27 -9.12	27.72 1.72 -1.36	27.03 1.77 0.00	26.97 1.81 0.00	27.71 1.57 -4.05	27.30 1.66 -2.83	28.95 1.79 -3.01	35.02 1.72 -9.76	43.80 1.88 -14.21	37.48 2.13 -4.94	31.07 2.03 0.00	28.58 1.79 0.00	26.55 1.62 0.00	27.22 1.56 0.00	25.46 1.35 0.00
BAYONEEC___CTG3 323684	26.11 0.47 -17.05	24.24 0.43 -15.63	24.42 0.26 -19.04	24.19 0.26 -18.71	25.09 0.26 -19.54	27.41 0.33 -20.93	39.05 0.39 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.60 1.27 -9.12	27.72 1.72 -1.36	27.03 1.77 0.00	26.97 1.81 0.00	27.71 1.57 -4.05	27.30 1.66 -2.83	28.95 1.79 -3.01	35.02 1.72 -9.76	43.80 1.88 -14.21	37.48 2.13 -4.94	31.07 2.03 0.00	28.58 1.79 0.00	26.55 1.62 0.00	27.22 1.56 0.00	25.46 1.35 0.00
BAYONEEC___CTG4 323685	26.11 0.47 -17.05	24.24 0.43 -15.63	24.42 0.26 -19.04	24.19 0.26 -18.71	25.09 0.26 -19.54	27.41 0.33 -20.93	39.05 0.39 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.60 1.27 -9.12	27.72 1.72 -1.36	27.03 1.77 0.00	26.97 1.81 0.00	27.71 1.57 -4.05	27.30 1.66 -2.83	28.95 1.79 -3.01	35.02 1.72 -9.76	43.80 1.88 -14.21	37.48 2.13 -4.94	31.07 2.03 0.00	28.58 1.79 0.00	26.55 1.62 0.00	27.22 1.56 0.00	25.46 1.35 0.00
BAYONEEC___CTG5 323686	26.11 0.47 -17.05	24.24 0.43 -15.63	24.42 0.26 -19.04	24.19 0.26 -18.71	25.09 0.26 -19.54	27.41 0.33 -20.93	39.05 0.39 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.60 1.27 -9.12	27.72 1.72 -1.36	27.03 1.77 0.00	26.97 1.81 0.00	27.71 1.57 -4.05	27.30 1.66 -2.83	28.95 1.79 -3.01	35.02 1.72 -9.76	43.80 1.88 -14.21	37.48 2.13 -4.94	31.07 2.03 0.00	28.58 1.79 0.00	26.55 1.62 0.00	27.22 1.56 0.00	25.46 1.35 0.00
BAYONEEC___CTG6 323687	26.11 0.47 -17.05	24.24 0.43 -15.63	24.42 0.26 -19.04	24.19 0.26 -18.71	25.09 0.26 -19.54	27.41 0.33 -20.93	39.05 0.39 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.60 1.27 -9.12	27.72 1.72 -1.36	27.03 1.77 0.00	26.97 1.81 0.00	27.71 1.57 -4.05	27.30 1.66 -2.83	28.95 1.79 -3.01	35.02 1.72 -9.76	43.80 1.88 -14.21	37.48 2.13 -4.94	31.07 2.03 0.00	28.58 1.79 0.00	26.55 1.62 0.00	27.22 1.56 0.00	25.46 1.35 0.00
BAYONEEC___CTG7 323688	26.11 0.47 -17.05	24.24 0.43 -15.63	24.42 0.26 -19.04	24.19 0.26 -18.71	25.09 0.26 -19.54	27.41 0.33 -20.93	39.05 0.39 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.60 1.27 -9.12	27.72 1.72 -1.36	27.03 1.77 0.00	26.97 1.81 0.00	27.71 1.57 -4.05	27.30 1.66 -2.83	28.95 1.79 -3.01	35.02 1.72 -9.76	43.80 1.88 -14.21	37.48 2.13 -4.94	31.07 2.03 0.00	28.58 1.79 0.00	26.55 1.62 0.00	27.22 1.56 0.00	25.46 1.35 0.00
BAYONEEC___CTG8 323689	26.11 0.47 -17.05	24.24 0.43 -15.63	24.42 0.26 -19.04	24.19 0.26 -18.71	25.09 0.26 -19.54	27.41 0.33 -20.93	39.05 0.39 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.60 1.27 -9.12	27.72 1.72 -1.36	27.03 1.77 0.00	26.97 1.81 0.00	27.71 1.57 -4.05	27.30 1.66 -2.83	28.95 1.79 -3.01	35.02 1.72 -9.76	43.80 1.88 -14.21	37.48 2.13 -4.94	31.07 2.03 0.00	28.58 1.79 0.00	26.55 1.62 0.00	27.22 1.56 0.00	25.46 1.35 0.00

BAYONEEC___CTG9 323749	26.11 0.47 -17.05	24.24 0.43 -15.63	24.42 0.26 -19.04	24.19 0.26 -18.71	25.09 0.26 -19.54	27.41 0.33 -20.93	39.05 0.39 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.60 1.27 -9.12	27.72 1.72 -1.36	27.03 1.77 0.00	26.97 1.81 0.00	27.71 1.57 -4.05	27.30 1.66 -2.83	28.95 1.79 -3.01	35.02 1.72 -9.76	43.80 1.88 -14.21	37.48 2.13 -4.94	31.07 2.03 0.00	28.58 1.79 0.00	26.55 1.62 0.00	27.22 1.56 0.00	25.46 1.35 0.00
BEACON___LESR 323632	29.34 0.21 -20.55	27.21 0.20 -18.84	28.19 0.12 -22.95	27.89 0.12 -22.54	28.96 0.13 -23.54	31.52 0.15 -25.23	45.31 0.19 -38.03	46.36 0.17 -39.45	33.79 0.62 -11.02	30.70 0.50 -10.99	27.02 0.74 -1.64	26.04 0.78 0.00	25.96 0.80 0.00	27.72 0.75 -4.88	26.99 0.78 -3.42	28.55 0.77 -3.63	36.05 0.75 -11.75	45.73 0.91 -17.11	37.39 1.03 -5.95	29.94 0.90 0.00	27.74 0.96 0.00	25.75 0.82 0.00	26.37 0.72 0.00	24.69 0.58 0.00
BEAVER RIVER___HYD 24048	7.30 -0.29 1.00	6.85 -0.28 1.05	5.00 -0.17 -0.04	5.05 -0.16 0.01	5.12 -0.16 0.00	5.82 -0.18 0.14	7.33 -0.18 -0.43	7.23 -0.16 -0.65	16.18 -0.58 5.39	14.14 -0.62 4.46	17.32 -0.81 6.51	24.42 -0.83 0.00	24.35 -0.81 0.00	21.68 -0.73 -0.32	22.31 -0.73 -0.24	23.65 -0.75 -0.26	23.78 -0.59 -0.83	28.30 -0.61 -1.20	30.43 -0.40 -0.42	28.48 -0.55 0.00	26.46 -0.32 0.00	24.63 -0.30 0.00	25.27 -0.38 0.00	23.75 -0.36 0.00
BEEBEE_GT_13 23619	12.52 0.01 -3.92	11.79 0.02 -3.60	9.52 0.02 -4.38	9.53 0.00 -4.30	9.79 0.01 -4.49	10.96 0.01 -4.82	14.32 -0.03 -7.25	14.24 -0.03 -7.53	24.01 -0.24 -2.10	21.09 -0.21 -2.10	24.61 -0.34 -0.31	24.88 -0.38 0.00	24.75 -0.40 0.00	22.91 -0.11 -0.93	23.27 -0.18 -0.65	24.57 -0.27 -0.69	25.48 -0.31 -2.24	30.53 -0.44 -3.26	30.96 -0.58 -1.14	28.69 -0.35 0.00	26.27 -0.51 0.00	24.51 -0.42 0.00	25.21 -0.44 0.00	23.92 -0.19 0.00
BENSHRST_27_KV_BENSHRST_1 355998	26.25 0.61 -17.05	24.35 0.55 -15.64	24.49 0.32 -19.04	24.27 0.33 -18.71	25.15 0.32 -19.54	27.46 0.39 -20.94	39.03 0.41 -31.53	39.84 0.38 -32.71	32.70 1.42 -9.14	29.70 1.38 -9.11	27.87 1.87 -1.36	27.20 1.94 0.00	27.14 1.99 0.00	27.88 1.75 -4.05	27.46 1.82 -2.83	29.12 1.96 -3.01	35.21 1.91 -9.76	44.08 2.16 -14.21	37.72 2.37 -4.94	31.33 2.29 0.00	28.71 1.93 0.00	26.63 1.70 0.00	27.45 1.80 0.00	25.75 1.64 0.00
BETHLEHEM___GRP 23843	29.22 0.07 -20.57	27.10 0.07 -18.86	28.13 0.04 -22.97	27.82 0.04 -22.57	28.90 0.04 -23.57	31.44 0.05 -25.25	45.18 0.06 -38.03	46.24 0.05 -39.45	33.37 0.20 -11.02	30.37 0.17 -10.99	26.62 0.34 -1.64	25.64 0.38 0.00	25.53 0.38 0.00	27.28 0.31 -4.88	26.61 0.39 -3.42	28.12 0.34 -3.64	35.61 0.31 -11.76	45.22 0.39 -17.12	36.79 0.43 -5.96	29.39 0.35 0.00	27.24 0.46 0.00	25.28 0.35 0.00	25.96 0.31 0.00	24.33 0.22 0.00
BETHLEHEM___GS1 323560	29.22 0.07 -20.57	27.10 0.07 -18.86	28.13 0.04 -22.97	27.82 0.04 -22.57	28.90 0.04 -23.57	31.45 0.06 -25.25	45.21 0.06 -38.07	46.28 0.05 -39.49	33.38 0.20 -11.03	30.38 0.17 -11.00	26.62 0.34 -1.64	25.64 0.38 0.00	25.54 0.38 0.00	27.35 0.38 -4.88	26.61 0.39 -3.42	28.12 0.34 -3.64	35.61 0.31 -11.76	45.22 0.39 -17.12	36.79 0.43 -5.96	29.39 0.35 0.00	27.26 0.48 0.00	25.33 0.40 0.00	25.96 0.31 0.00	24.33 0.22 0.00
BETHLEHEM___GS2 323561	29.22 0.07 -20.57	27.10 0.07 -18.86	28.13 0.04 -22.97	27.82 0.04 -22.57	28.90 0.04 -23.57	31.45 0.06 -25.25	45.21 0.06 -38.07	46.28 0.05 -39.49	33.38 0.20 -11.03	30.38 0.17 -11.00	26.62 0.34 -1.64	25.64 0.38 0.00	25.54 0.38 0.00	27.35 0.38 -4.88	26.61 0.39 -3.42	28.12 0.34 -3.64	35.61 0.31 -11.76	45.22 0.39 -17.12	36.79 0.43 -5.96	29.39 0.35 0.00	27.26 0.48 0.00	25.33 0.40 0.00	25.96 0.31 0.00	24.33 0.22 0.00
BETHLEHEM___GS3 323562	29.22 0.07 -20.57	27.10 0.07 -18.86	28.13 0.04 -22.97	27.82 0.04 -22.57	28.90 0.04 -23.57	31.45 0.06 -25.25	45.21 0.06 -38.07	46.28 0.05 -39.49	33.38 0.20 -11.03	30.38 0.17 -11.00	26.62 0.34 -1.64	25.64 0.38 0.00	25.54 0.38 0.00	27.35 0.38 -4.88	26.61 0.39 -3.42	28.12 0.34 -3.64	35.61 0.31 -11.76	45.22 0.39 -17.12	36.79 0.43 -5.96	29.39 0.35 0.00	27.26 0.48 0.00	25.33 0.40 0.00	25.96 0.31 0.00	24.33 0.22 0.00
BETHLEHEM___STEEL 23779	13.12 -0.09 -4.63	12.36 -0.06 -4.25	10.24 -0.06 -5.18	10.24 -0.07 -5.08	10.54 -0.06 -5.31	11.75 -0.09 -5.69	15.50 -0.16 -8.57	15.47 -0.16 -8.89	23.79 -0.84 -2.48	20.94 -0.75 -2.48	23.95 -1.06 -0.37	24.55 -0.71 0.00	24.48 -0.68 0.00	22.66 -0.53 -1.10	22.96 -0.62 -0.77	24.29 -0.68 -0.82	25.45 -0.75 -2.66	30.64 -0.94 -3.88	30.60 -1.16 -1.35	28.66 -0.38 0.00	26.11 -0.67 0.00	24.38 -0.55 0.00	25.14 -0.51 0.00	24.09 -0.02 0.00
BETHLHEM_115KV_TB1 79974	29.24 0.09 -20.56	27.11 0.09 -18.85	28.14 0.06 -22.96	27.83 0.06 -22.55	28.90 0.06 -23.55	31.45 0.07 -25.24	45.18 0.08 -38.02	46.24 0.07 -39.43	33.43 0.27 -11.02	30.43 0.23 -10.99	26.67 0.39 -1.64	25.69 0.43 0.00	25.61 0.45 0.00	27.34 0.38 -4.88	26.68 0.46 -3.42	28.19 0.41 -3.63	35.67 0.48 -11.75	45.29 0.47 -17.12	36.88 0.52 -5.95	29.47 0.44 0.00	27.32 0.54 0.00	25.33 0.40 0.00	26.01 0.36 0.00	24.38 0.27 0.00
BETHPAGE_CC_5 323564	26.28 0.64 -17.05	24.41 0.60 -15.63	24.52 0.36 -19.04	24.30 0.37 -18.70	25.19 0.36 -19.53	27.89 0.48 -21.27	39.20 0.55 -31.56	39.96 0.48 -32.74	33.13 1.84 -9.15	31.21 1.69 -10.31	29.10 2.24 -2.22	27.51 2.25 0.00	27.47 2.31 0.00	29.60 2.03 -5.48	32.90 2.12 -7.97	35.67 2.22 -9.31	41.49 2.19 -15.75	51.39 2.55 -21.14	48.60 2.77 -15.42	39.41 2.64 -7.73	37.52 2.33 -8.42	34.15 2.12 -7.10	28.54 2.39 -0.50	26.21 2.10 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	13.13 -0.11 -4.66	12.37 -0.07 -4.27	10.26 -0.07 -5.20	10.26 -0.08 -5.11	10.56 -0.07 -5.34	11.77 -0.10 -5.72	15.54 -0.16 -8.61	15.51 -0.17 -8.94	23.78 -0.86 -2.50	20.91 -0.79 -2.49	23.93 -1.08 -0.37	24.60 -0.66 0.00	24.53 -0.63 0.00	22.64 -0.55 -1.11	22.94 -0.64 -0.77	24.27 -0.70 -0.82	25.45 -0.78 -2.68	30.64 -0.97 -3.90	30.61 -1.16 -1.36	28.75 -0.29 0.00	26.19 -0.59 0.00	24.46 -0.47 0.00	25.21 -0.44 0.00	24.16 0.05 0.00
BINGHAMTON___COGEN 23790	16.15 0.15 -7.42	15.12 0.14 -6.81	13.50 0.09 -8.29	13.46 0.09 -8.14	13.89 0.09 -8.51	15.35 0.10 -9.11	20.94 0.12 -13.73	21.09 0.11 -14.24	26.39 0.27 -3.98	23.39 0.21 -3.97	25.50 0.27 -0.59	25.64 0.38 0.00	25.53 0.38 0.00	24.16 0.31 -1.76	24.33 0.30 -1.23	25.80 0.34 -1.31	28.10 0.31 -4.25	34.25 0.36 -6.18	32.92 0.36 -2.15	29.53 0.49 0.00	27.10 0.32 0.00	25.26 0.32 0.00	25.96 0.31 0.00	24.52 0.41 0.00
BIXINCNT_115KV_LOAD 355685	13.08 -0.28 -4.78	12.31 -0.24 -4.38	10.28 -0.17 -5.33	10.27 -0.19 -5.24	10.56 -0.21 -5.47	11.77 -0.24 -5.86	15.63 -0.29 -8.83	15.62 -0.28 -9.16	23.44 -1.26 -2.56	20.65 -1.11 -2.55	23.52 -1.50 -0.38	24.25 -1.01 0.00	24.23 -0.93 0.00	22.25 -0.97 -1.13	22.57 -1.03 -0.79	23.86 -1.13 -0.84	25.12 -1.18 -2.75	30.36 -1.36 -4.01	30.25 -1.55 -1.40	28.98 -0.06 0.00	26.38 -0.40 0.00	24.58 -0.35 0.00	25.34 -0.31 0.00	24.26 0.14 0.00

BLACK RIVER___HYD 24047	9.51 -0.03 -0.95	8.94 -0.03 -0.80	6.80 -0.02 -1.69	6.86 0.01 -1.63	7.00 0.01 -1.71	7.91 0.01 -1.76	10.14 0.04 -3.01	10.03 0.05 -3.23	20.12 0.07 2.10	17.55 -0.06 1.60	21.13 -0.12 3.39	25.05 -0.20 0.00	24.96 -0.20 0.00	22.44 -0.18 -0.53	23.00 -0.18 -0.38	24.33 -0.22 -0.40	24.77 -0.07 -1.30	29.65 0.06 -1.89	31.43 0.37 -0.66	29.18 0.15 0.00	27.05 0.27 0.00	25.16 0.22 0.00	25.75 0.10 0.00	24.16 0.05 0.00
BLACKRVR_115KV_TB2 79977	9.50 -0.03 -0.95	8.94 -0.03 -0.80	6.80 -0.02 -1.69	6.86 0.01 -1.63	7.00 0.01 -1.71	7.91 0.01 -1.76	10.21 0.04 -3.08	10.11 0.05 -3.31	20.14 0.07 2.08	17.59 -0.06 1.56	21.15 -0.12 3.37	25.06 -0.20 0.00	24.96 -0.20 0.00	22.45 -0.18 -0.54	23.00 -0.18 -0.38	24.33 -0.22 -0.40	24.77 -0.07 -1.30	29.65 0.06 -1.89	31.43 0.36 -0.66	29.18 0.15 0.00	27.05 0.27 0.00	25.18 0.25 0.00	25.75 0.10 0.00	24.16 0.05 0.00
BLISS_WT_PWR 323608	13.02 -0.34 -4.78	12.26 -0.29 -4.38	10.25 -0.21 -5.33	10.23 -0.23 -5.24	10.51 -0.25 -5.47	11.72 -0.28 -5.86	15.66 -0.34 -8.91	15.66 -0.33 -9.25	23.34 -1.39 -2.58	20.54 -1.25 -2.58	23.37 -1.65 -0.38	24.07 -1.19 0.00	24.05 -1.11 0.00	22.31 -0.93 -1.14	22.41 -1.19 -0.79	23.71 -1.28 -0.84	25.01 -1.30 -2.75	30.25 -1.47 -4.01	30.07 -1.73 -1.40	28.95 -0.09 0.00	26.38 -0.40 0.00	24.63 -0.30 0.00	25.29 -0.36 0.00	24.23 0.12 0.00
BLUESTONE___WT_PWR 323821	16.85 0.58 -7.69	15.77 0.55 -7.05	14.06 0.34 -8.59	14.03 0.37 -8.44	14.47 0.36 -8.81	16.00 0.41 -9.44	21.97 0.51 -14.37	22.15 0.50 -14.90	27.79 1.48 -4.16	24.57 1.21 -4.15	26.89 1.63 -0.62	27.00 1.74 0.00	26.89 1.73 0.00	25.46 1.52 -1.84	25.65 1.57 -1.28	27.17 1.66 -1.36	29.59 1.65 -4.40	36.02 1.91 -6.41	34.85 2.22 -2.23	31.10 2.06 0.00	28.65 1.87 0.00	26.73 1.80 0.00	27.37 1.72 0.00	25.78 1.66 0.00
BLUE_CIRC_CHEM_DRP 24182	29.26 0.18 -20.49	27.13 0.17 -18.79	28.11 0.11 -22.88	27.81 0.11 -22.48	28.88 0.11 -23.48	31.42 0.12 -25.16	45.12 0.13 -37.89	46.18 0.13 -39.31	33.59 0.47 -10.98	30.56 0.40 -10.95	26.86 0.59 -1.63	25.86 0.61 0.00	25.79 0.63 0.00	27.48 0.53 -4.86	26.80 0.59 -3.41	28.37 0.60 -3.62	35.95 0.68 -11.72	45.60 0.83 -17.07	37.26 0.91 -5.94	29.85 0.81 0.00	27.58 0.80 0.00	25.61 0.67 0.00	26.29 0.64 0.00	24.64 0.53 0.00
BOC_GAS_DRP 24189	29.24 0.16 -20.50	27.12 0.16 -18.79	28.12 0.10 -22.89	27.81 0.10 -22.49	28.88 0.11 -23.49	31.42 0.12 -25.17	45.12 0.13 -37.90	46.18 0.12 -39.32	33.55 0.42 -10.99	30.53 0.36 -10.95	26.81 0.54 -1.63	25.84 0.58 0.00	25.74 0.58 0.00	27.46 0.51 -4.86	26.78 0.57 -3.41	28.35 0.58 -3.62	35.83 0.57 -11.72	45.44 0.66 -17.07	37.08 0.73 -5.94	29.71 0.67 0.00	27.45 0.67 0.00	25.46 0.52 0.00	26.16 0.51 0.00	24.55 0.43 0.00
BOONVILLE_115KV_TB1 79983	9.02 0.05 -0.39	8.53 0.05 -0.31	6.00 0.04 -0.84	6.07 0.05 -0.80	6.18 0.05 -0.84	7.05 0.06 -0.86	8.74 0.09 -1.57	8.53 0.09 -1.70	20.91 0.27 1.50	18.20 0.15 1.16	22.62 0.22 2.24	25.48 0.23 0.00	25.38 0.23 0.00	22.59 0.20 -0.30	23.19 0.18 -0.21	24.56 0.19 -0.22	24.52 0.26 -0.71	28.99 0.25 -1.04	31.28 0.52 -0.36	29.41 0.38 0.00	27.21 0.43 0.00	25.36 0.42 0.00	26.01 0.36 0.00	24.43 0.31 0.00
BORALEX_4TH_BRANCH 23824	29.42 0.35 -20.49	27.29 0.34 -18.78	28.21 0.20 -22.88	27.90 0.20 -22.48	28.98 0.22 -23.47	31.58 0.29 -25.15	45.29 0.32 -37.89	46.36 0.32 -39.30	34.19 1.06 -10.98	31.00 0.85 -10.95	27.38 1.11 -1.63	26.40 1.14 0.00	26.26 1.11 0.00	27.95 0.99 -4.86	27.28 1.07 -3.41	28.93 1.16 -3.62	36.48 1.18 -11.75	46.18 1.36 -17.12	37.88 1.52 -5.95	30.43 1.39 0.00	28.09 1.31 0.00	25.98 1.05 0.00	26.68 1.03 0.00	25.03 0.92 0.00
BOWLINE___1 23526	25.59 0.41 -16.59	23.77 0.38 -15.22	23.88 0.23 -18.53	23.66 0.24 -18.21	24.54 0.23 -19.01	26.80 0.29 -20.37	38.16 0.34 -30.73	38.93 0.32 -31.87	32.16 1.11 -8.90	29.12 1.04 -8.88	27.37 1.40 -1.32	26.70 1.44 0.00	26.64 1.48 0.00	27.31 1.28 -3.94	26.93 1.37 -2.76	28.55 1.47 -2.93	34.48 1.44 -9.50	43.17 1.63 -13.83	36.98 1.76 -4.81	30.72 1.68 0.00	28.25 1.47 0.00	26.28 1.35 0.00	26.98 1.33 0.00	25.27 1.16 0.00
BOWLINE___2 23595	25.60 0.41 -16.60	23.78 0.38 -15.22	23.89 0.23 -18.54	23.67 0.24 -18.21	24.54 0.23 -19.02	26.81 0.29 -20.38	38.17 0.34 -30.74	38.94 0.31 -31.88	32.16 1.11 -8.91	29.13 1.04 -8.88	27.37 1.40 -1.32	26.70 1.44 0.00	26.62 1.46 0.00	27.32 1.28 -3.94	26.93 1.37 -2.76	28.55 1.47 -2.93	34.46 1.41 -9.50	43.18 1.63 -13.84	36.98 1.76 -4.81	30.72 1.68 0.00	28.25 1.47 0.00	26.28 1.35 0.00	26.98 1.33 0.00	25.27 1.16 0.00
BRADY___115KV_TB2 356060	1.40 -0.94 6.25	1.16 -0.89 6.12	0.90 -0.56 3.67	0.91 -0.55 3.76	0.83 -0.57 3.89	0.94 -0.65 4.56	1.81 -0.74 4.54	1.92 -0.71 4.10	2.78 -2.26 17.11	2.73 -2.11 14.36	3.10 -2.74 18.81	22.62 -2.63 0.01	22.64 -2.52 0.00	19.95 -2.32 -0.18	20.65 -2.28 -0.12	21.99 -2.29 -0.13	21.97 -2.00 -0.43	26.22 -2.11 -0.62	28.68 -1.95 -0.22	26.98 -2.06 0.00	25.41 -1.37 0.00	23.71 -1.22 0.00	24.47 -1.18 0.00	23.08 -1.04 0.00
BRANSCOMB___SOLAR 323811	30.06 0.42 -21.05	27.88 0.40 -19.30	28.88 0.25 -23.51	28.57 0.25 -23.10	29.67 0.26 -24.12	32.31 0.32 -25.85	46.44 0.39 -38.96	47.53 0.37 -40.42	34.63 1.20 -11.29	31.43 0.96 -11.26	27.57 1.26 -1.68	26.47 1.21 0.00	26.41 1.26 0.00	28.26 1.17 -5.00	27.51 1.21 -3.50	29.15 1.28 -3.72	36.87 1.25 -12.07	46.76 1.47 -17.58	38.07 1.55 -6.12	30.46 1.42 0.00	28.12 1.34 0.00	26.08 1.15 0.00	26.83 1.18 0.00	25.17 1.06 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	26.38 0.75 -17.05	24.51 0.70 -15.63	24.58 0.42 -19.04	24.36 0.43 -18.70	25.25 0.42 -19.53	27.98 0.57 -21.27	39.27 0.66 -31.52	40.03 0.59 -32.70	33.45 2.17 -9.14	31.46 1.96 -10.29	29.44 2.59 -2.21	27.81 2.55 0.00	27.80 2.64 0.00	29.90 2.34 -5.47	33.23 2.46 -7.97	35.73 2.15 -9.43	41.77 2.47 -15.75	51.92 3.08 -21.14	49.11 3.28 -15.42	39.48 2.70 -7.74	37.50 2.25 -8.47	34.09 2.04 -7.11	28.26 2.39 -0.22	26.55 2.44 0.00
BRISTLHL_115KV_TB1 79998	11.43 -0.04 -2.89	10.77 -0.04 -2.64	8.41 -0.03 -3.31	8.45 -0.03 -3.25	8.66 -0.03 -3.40	9.75 -0.02 -3.63	12.60 -0.02 -5.53	12.47 -0.02 -5.75	23.23 -0.11 -1.20	20.38 -0.10 -1.26	24.21 -0.20 0.24	25.08 -0.18 0.00	24.96 -0.20 0.00	22.62 -0.20 -0.73	23.08 -0.23 -0.51	24.42 -0.27 -0.54	25.04 -0.26 -1.76	29.91 -0.36 -2.56	30.90 -0.40 -0.89	28.69 -0.35 0.00	26.41 -0.37 0.00	24.61 -0.32 0.00	25.29 -0.36 0.00	23.80 -0.31 0.00
BROOKHAVEN___DRP 24191	26.34 0.70 -17.05	24.49 0.69 -15.63	24.57 0.40 -19.04	24.35 0.42 -18.70	25.23 0.40 -19.53	27.95 0.53 -21.27	39.24 0.62 -31.52	40.00 0.56 -32.70	33.39 2.10 -9.14	31.36 1.86 -10.29	29.29 2.44 -2.21	27.68 2.42 0.00	27.70 2.54 0.00	29.82 2.25 -5.47	33.16 2.39 -7.97	37.20 2.49 -10.57	41.83 2.50 -15.79	51.81 2.96 -21.14	48.93 3.10 -15.42	39.94 3.05 -7.85	38.34 2.62 -8.93	34.55 2.39 -7.22	28.54 2.72 -0.17	26.48 2.36 0.00

BROOKLYN_NAVY_YARD 23515	26.10 0.46 -17.05	24.23 0.42 -15.63	24.42 0.25 -19.04	24.19 0.26 -18.71	25.08 0.25 -19.54	27.40 0.33 -20.93	39.05 0.39 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.62 1.29 -9.12	27.72 1.72 -1.36	27.03 1.77 0.00	26.97 1.81 0.00	27.71 1.57 -4.05	27.30 1.66 -2.83	28.97 1.81 -3.01	35.05 1.74 -9.76	43.86 1.94 -14.21	37.51 2.16 -4.94	31.10 2.06 0.00	28.58 1.79 0.00	26.55 1.62 0.00	27.19 1.54 0.00	25.41 1.30 0.00
BROOKLYN___ARMY_DRP 323595	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.01 0.38 -31.53	39.81 0.36 -32.71	32.61 1.33 -9.14	29.63 1.31 -9.11	27.77 1.77 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.79 1.66 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.53 1.60 0.00	27.34 1.69 0.00	25.66 1.54 0.00
BROOKVLE_69_KV_TB1 55790	26.28 0.64 -17.05	24.40 0.60 -15.63	24.52 0.36 -19.04	24.30 0.37 -18.70	25.19 0.37 -19.53	27.89 0.47 -21.27	39.15 0.54 -31.52	39.92 0.48 -32.70	33.10 1.82 -9.14	31.17 1.67 -10.29	29.10 2.24 -2.21	27.48 2.22 0.00	27.47 2.31 0.00	29.62 2.05 -5.47	32.91 2.14 -7.97	35.77 2.32 -9.31	41.56 2.26 -15.75	51.47 2.63 -21.14	48.66 2.83 -15.42	39.47 2.70 -7.73	37.58 2.38 -8.42	34.13 2.09 -7.10	28.59 2.10 -0.84	25.96 1.83 -0.02
BROOME_2_LFGE 323671	16.15 0.15 -7.42	15.12 0.14 -6.81	13.50 0.09 -8.29	13.46 0.09 -8.14	13.89 0.09 -8.51	15.35 0.10 -9.11	21.07 0.12 -13.86	21.22 0.11 -14.37	26.43 0.27 -4.02	23.42 0.21 -4.00	25.51 0.27 -0.60	25.64 0.38 0.00	25.54 0.38 0.00	24.18 0.31 -1.78	24.33 0.30 -1.23	25.80 0.34 -1.31	28.10 0.31 -4.25	34.25 0.36 -6.19	32.89 0.34 -2.15	29.53 0.49 0.00	27.13 0.35 0.00	25.28 0.35 0.00	25.96 0.31 0.00	24.52 0.41 0.00
BROOME___LFGE 323600	16.15 0.15 -7.42	15.12 0.14 -6.81	13.50 0.09 -8.29	13.46 0.09 -8.14	13.89 0.09 -8.51	15.35 0.10 -9.11	21.07 0.12 -13.86	21.22 0.11 -14.37	26.43 0.27 -4.02	23.42 0.21 -4.00	25.51 0.27 -0.60	25.64 0.38 0.00	25.54 0.38 0.00	24.18 0.31 -1.78	24.33 0.30 -1.23	25.80 0.34 -1.31	28.10 0.31 -4.25	34.25 0.36 -6.19	32.89 0.34 -2.15	29.53 0.49 0.00	27.13 0.35 0.00	25.28 0.35 0.00	25.96 0.31 0.00	24.52 0.41 0.00
BROWNFLS_115KV_TB_3_5 80003	4.88 -0.62 3.08	4.52 -0.59 3.06	3.32 -0.37 1.43	3.37 -0.36 1.50	3.38 -0.37 1.55	3.83 -0.42 1.89	5.18 -0.47 1.44	5.17 -0.44 1.13	10.71 -1.42 10.02	9.51 -1.34 8.35	11.52 -1.75 11.38	23.54 -1.72 0.00	23.50 -1.66 0.00	20.84 -1.52 -0.28	21.49 -1.50 -0.19	22.81 -1.55 -0.21	22.90 -1.32 -0.67	27.27 -1.41 -0.97	29.47 -1.28 -0.34	27.64 -1.39 0.00	25.84 -0.94 0.00	24.08 -0.85 0.00	24.75 -0.90 0.00	23.29 -0.82 0.00
BROWNSV1_27_KV_LOAD 356125	26.17 0.53 -17.05	24.30 0.49 -15.63	24.45 0.29 -19.04	24.23 0.30 -18.71	25.12 0.29 -19.54	27.45 0.37 -20.93	39.07 0.45 -31.53	39.87 0.42 -32.71	32.79 1.51 -9.14	29.74 1.42 -9.11	27.90 1.90 -1.36	27.20 1.94 0.00	27.14 1.99 0.00	27.90 1.77 -5.47	27.48 1.85 -7.97	29.14 1.98 -9.31	35.21 1.91 -15.75	44.08 2.16 -21.14	37.72 2.37 -15.42	31.33 2.29 -7.73	28.79 2.01 -8.42	26.65 1.72 -7.10	27.40 1.74 -0.65	25.63 1.52 -0.01
BURROWS___LYONSDAL 23803	8.68 -0.02 -0.12	8.20 -0.02 -0.04	5.80 -0.01 -0.68	5.88 0.01 -0.64	5.97 0.01 -0.68	6.81 0.01 -0.66	8.50 0.03 -1.38	8.31 0.04 -1.53	19.98 0.09 2.25	17.41 0.00 1.80	21.60 0.02 3.07	25.26 0.00 0.00	25.18 0.03 0.00	22.42 0.02 -0.30	23.02 0.00 -0.21	24.37 0.00 -0.23	24.38 0.09 -0.73	28.86 0.08 -1.07	31.11 0.33 -0.37	29.21 0.17 0.00	27.08 0.29 0.00	25.21 0.27 0.00	25.86 0.21 0.00	24.31 0.19 0.00
CAITHNESS_CC_1 323624	26.31 0.68 -17.05	24.46 0.66 -15.63	24.55 0.39 -19.04	24.33 0.41 -18.70	25.21 0.39 -19.53	27.93 0.52 -21.27	39.25 0.60 -31.56	40.01 0.53 -32.74	33.31 2.02 -9.15	31.32 1.81 -10.31	29.23 2.37 -2.22	27.61 2.35 0.00	27.63 2.47 0.00	29.74 2.17 -5.48	33.08 2.30 -7.97	37.11 2.39 -10.57	41.74 2.40 -15.79	51.67 2.83 -21.14	48.84 3.01 -15.42	39.82 2.93 -7.85	38.23 2.52 -8.93	34.52 2.37 -7.22	28.46 2.64 -0.17	26.40 2.29 0.00
CALPINE BETH_PAGE_GT4 24209	26.28 0.64 -17.05	24.41 0.60 -15.63	24.52 0.36 -19.04	24.30 0.37 -18.70	25.19 0.37 -19.53	27.89 0.48 -21.27	39.15 0.54 -31.52	39.92 0.48 -32.70	33.12 1.84 -9.14	31.19 1.69 -10.29	29.10 2.24 -2.21	27.48 2.22 0.00	27.47 2.31 0.00	29.62 2.05 -5.47	32.85 2.08 -7.97	35.65 2.20 -9.31	41.44 2.14 -15.75	51.34 2.49 -21.14	48.50 2.68 -15.42	39.32 2.56 -7.73	37.47 2.28 -8.42	34.05 2.02 -7.10	28.69 2.39 -0.65	26.20 2.07 -0.01
CALPINE_BETH_PAGE_GT_4 323586	26.28 0.64 -17.05	24.41 0.60 -15.63	24.52 0.36 -19.04	24.30 0.37 -18.70	25.19 0.36 -19.53	27.90 0.48 -21.27	39.19 0.54 -31.56	39.96 0.48 -32.74	33.13 1.84 -9.15	31.21 1.69 -10.31	29.10 2.24 -2.22	27.48 2.22 0.00	27.47 2.31 0.00	29.60 2.03 -5.48	32.85 2.07 -7.97	35.63 2.17 -9.31	41.44 2.14 -15.75	51.34 2.49 -21.14	48.50 2.68 -15.42	39.32 2.56 -7.73	37.47 2.28 -8.42	34.13 2.09 -7.10	28.66 2.36 -0.65	26.19 2.07 -0.01
CALPINE_BP_GT1 23823	26.28 0.64 -17.05	24.41 0.60 -15.63	24.52 0.36 -19.04	24.30 0.37 -18.70	25.19 0.36 -19.53	27.90 0.48 -21.27	39.19 0.54 -31.56	39.96 0.48 -32.74	33.13 1.84 -9.15	31.21 1.69 -10.31	29.10 2.24 -2.22	27.48 2.22 0.00	27.47 2.31 0.00	29.60 2.03 -5.48	32.85 2.07 -7.97	35.63 2.17 -9.31	41.44 2.14 -15.75	51.34 2.49 -21.14	48.50 2.68 -15.42	39.32 2.56 -7.73	37.47 2.28 -8.42	34.13 2.09 -7.10	28.66 2.36 -0.65	26.19 2.07 -0.01
CALSPAN___DRP 24200	13.12 -0.09 -4.63	12.36 -0.06 -4.25	10.24 -0.06 -5.18	10.24 -0.07 -5.08	10.54 -0.06 -5.31	11.75 -0.09 -5.69	15.50 -0.16 -8.57	15.47 -0.16 -8.89	23.79 -0.84 -2.48	20.94 -0.75 -2.48	23.95 -1.06 -0.37	24.55 -0.71 0.00	24.48 -0.68 0.00	22.66 -0.53 -1.10	22.96 -0.62 -0.77	24.29 -0.68 -0.82	25.45 -0.75 -2.66	30.64 -0.94 -3.88	30.60 -1.16 -1.35	28.66 -0.38 0.00	26.11 -0.67 0.00	24.38 -0.55 0.00	25.14 -0.51 0.00	24.09 -0.02 0.00
CALVERTON___SOLAR 323806	26.37 0.74 -17.05	24.52 0.72 -15.63	24.59 0.42 -19.04	24.37 0.44 -18.70	25.24 0.42 -19.53	27.97 0.56 -21.27	39.31 0.66 -31.56	40.07 0.59 -32.74	33.47 2.17 -9.15	31.46 1.94 -10.31	29.40 2.54 -2.22	27.78 2.53 0.00	27.80 2.64 0.00	29.87 2.30 -5.48	33.24 2.46 -7.97	37.30 2.58 -10.57	41.95 2.61 -15.79	51.97 3.13 -21.14	49.14 3.31 -15.42	40.08 3.19 -7.85	38.47 2.76 -8.93	34.72 2.57 -7.22	28.64 2.82 -0.17	26.57 2.46 0.00
CANDIGU_WT_PWR 323617	14.19 -0.03 -5.64	13.32 -0.02 -5.17	11.40 -0.03 -6.30	11.38 -0.03 -6.19	11.73 -0.03 -6.47	13.03 -0.04 -6.93	17.58 -0.06 -10.55	17.61 -0.07 -10.94	24.72 -0.49 -3.06	21.80 -0.46 -3.05	24.45 -0.64 -0.45	24.85 -0.41 0.00	24.75 -0.40 0.00	23.11 -0.33 -1.35	23.35 -0.39 -0.94	24.81 -0.34 -1.00	26.42 -0.35 -3.22	32.07 -0.33 -4.69	31.58 -0.46 -1.63	29.24 0.20 0.00	26.70 -0.08 0.00	24.96 0.02 0.00	25.63 -0.03 0.00	24.38 0.27 0.00

CARR STREET_E__SYR 24060	11.74 0.01 -3.15	11.06 0.01 -2.88	8.71 0.01 -3.59	8.75 0.01 -3.52	8.97 0.01 -3.68	10.09 0.01 -3.93	13.08 0.01 -5.98	12.97 0.01 -6.22	23.54 0.00 -1.39	20.66 0.00 -1.45	24.45 -0.05 0.14	25.23 -0.03 0.00	25.11 -0.05 0.00	22.83 -0.04 -0.78	23.28 -0.07 -0.55	24.66 -0.07 -0.58	25.34 -0.09 -1.89	30.32 -0.14 -2.75	31.15 -0.21 -0.96	28.86 -0.17 0.00	26.54 -0.24 0.00	24.73 -0.20 0.00	25.44 -0.21 0.00	23.97 -0.14 0.00
CARTHAGE__PAPER 23857	8.57 -0.21 -0.20	8.05 -0.20 -0.09	6.05 -0.13 -1.05	6.11 -0.11 -0.99	6.23 -0.11 -1.05	7.04 -0.12 -1.02	8.99 -0.11 -2.01	8.89 -0.09 -2.23	18.42 -0.36 3.37	16.08 -0.42 2.70	19.45 -0.59 4.59	24.60 -0.66 0.00	24.53 -0.63 0.00	21.97 -0.57 -0.45	22.56 -0.57 -0.32	23.89 -0.60 -0.34	24.24 -0.42 -1.12	28.97 -0.36 -1.62	30.85 -0.12 -0.57	28.75 -0.29 0.00	26.70 -0.08 0.00	24.83 -0.10 0.00	25.44 -0.21 0.00	23.90 -0.22 0.00
CASSADAGA_WT_PWR 323784	13.11 -0.24 -4.77	12.34 -0.20 -4.37	10.29 -0.15 -5.32	10.28 -0.17 -5.23	10.59 -0.16 -5.46	11.80 -0.20 -5.85	15.74 -0.25 -8.90	15.73 -0.24 -9.23	23.62 -1.11 -2.58	20.80 -0.98 -2.57	23.69 -1.33 -0.38	24.43 -0.83 0.00	24.38 -0.78 0.00	22.64 -0.60 -1.14	22.98 -0.61 -0.79	24.39 -0.60 -0.84	25.75 -0.54 -2.75	31.46 -0.25 -4.00	31.44 -0.36 -1.39	29.33 0.29 0.00	26.73 -0.05 0.00	25.01 0.08 0.00	25.70 0.05 0.00	24.62 0.51 0.00
CE_DUNWOOD__DRP 24194	26.04 0.44 -17.02	24.19 0.41 -15.61	24.37 0.24 -19.01	24.15 0.25 -18.68	25.04 0.24 -19.50	27.35 0.31 -20.90	38.94 0.37 -31.48	39.74 0.34 -32.65	32.49 1.22 -9.12	29.46 1.15 -9.10	27.55 1.55 -1.35	26.85 1.59 0.00	26.79 1.64 0.00	27.57 1.44 -4.04	27.14 1.50 -2.83	28.80 1.64 -3.01	34.84 1.55 -9.74	43.66 1.77 -14.19	37.29 1.95 -4.93	30.90 1.86 0.00	28.41 1.63 0.00	26.35 1.42 0.00	27.09 1.44 0.00	25.37 1.25 0.00
CE_MILLWOOD__DRP 24193	25.97 0.42 -16.97	24.12 0.39 -15.56	24.31 0.24 -18.95	24.08 0.25 -18.61	24.97 0.24 -19.44	27.27 0.30 -20.83	38.82 0.35 -31.37	39.62 0.33 -32.54	32.41 1.17 -9.09	29.39 1.11 -9.07	27.49 1.50 -1.35	26.80 1.54 0.00	26.72 1.56 0.00	27.49 1.37 -4.02	27.08 1.46 -2.82	28.72 1.57 -3.00	34.76 1.51 -9.71	43.56 1.72 -14.14	37.18 1.85 -4.92	30.81 1.77 0.00	28.36 1.58 0.00	26.28 1.35 0.00	27.04 1.39 0.00	25.32 1.21 0.00
CE_NYC2_DRP 24202	26.16 0.52 -17.05	24.29 0.48 -15.64	24.45 0.29 -19.04	24.22 0.29 -18.71	25.11 0.29 -19.54	27.43 0.35 -20.94	39.00 0.38 -31.53	39.80 0.35 -32.71	32.59 1.31 -9.14	29.59 1.27 -9.11	27.75 1.75 -1.36	27.05 1.79 0.00	26.99 1.84 0.00	27.75 1.61 -4.05	27.30 1.66 -2.83	28.97 1.81 -3.01	35.02 1.72 -9.76	43.86 1.94 -14.21	37.48 2.13 -4.94	31.10 2.06 0.00	28.55 1.77 0.00	26.48 1.55 0.00	27.27 1.62 0.00	25.56 1.45 0.00
CE_NYC_DRP 24195	26.12 0.48 -17.05	24.25 0.44 -15.63	24.43 0.26 -19.04	24.20 0.27 -18.71	25.09 0.26 -19.54	27.41 0.34 -20.93	38.78 0.40 -31.30	39.72 0.37 -32.61	32.64 1.35 -9.14	29.61 1.29 -9.11	27.75 1.75 -1.36	27.05 1.79 0.00	26.99 1.84 0.00	27.75 1.61 -4.04	27.32 1.69 -2.83	29.00 1.84 -3.01	35.04 1.74 -9.76	43.85 1.94 -14.21	37.51 2.16 -4.94	31.13 2.09 0.00	28.60 1.82 0.00	26.50 1.57 0.00	27.24 1.59 0.00	25.49 1.37 0.00
CHAFFEE__LFGE 323603	13.20 -0.09 -4.70	12.43 -0.06 -4.31	10.33 -0.05 -5.25	10.32 -0.06 -5.16	10.62 -0.06 -5.39	11.84 -0.08 -5.78	15.72 -0.15 -8.78	15.70 -0.15 -9.11	23.90 -0.80 -2.55	21.04 -0.71 -2.54	24.03 -0.99 -0.38	24.65 -0.61 0.00	24.58 -0.58 0.00	22.75 -0.46 -1.13	23.02 -0.57 -0.78	24.33 -0.65 -0.83	25.50 -0.75 -2.71	30.74 -0.91 -3.94	30.62 -1.16 -1.37	28.75 -0.29 0.00	26.22 -0.56 0.00	24.53 -0.40 0.00	25.19 -0.46 0.00	24.11 0.00 0.00
CHATEAUG_35_KV_LOAD 355732	0.49 -1.24 6.86	0.27 -1.19 6.71	0.27 -0.76 4.10	0.26 -0.77 4.20	0.15 -0.79 4.35	0.15 -0.92 5.07	0.90 -1.05 5.14	1.06 -1.00 4.68	0.37 -3.30 18.48	0.73 -2.86 15.62	0.56 -3.72 20.36	21.69 -3.56 0.01	21.74 -3.42 0.00	19.09 -3.16 -0.16	19.79 -3.12 -0.11	21.17 -3.09 -0.12	21.22 -2.71 -0.38	25.38 -2.88 -0.56	27.74 -2.86 -0.19	26.28 -2.76 0.00	24.83 -1.95 0.00	23.19 -1.75 0.00	23.98 -1.67 0.00	22.71 -1.40 0.00
CHATEAUG_WT_PWR 323614	0.31 -1.25 7.02	0.11 -1.20 6.87	0.15 -0.76 4.21	0.14 -0.77 4.31	0.02 -0.80 4.47	0.00 -0.93 5.21	0.62 -1.07 5.40	0.78 -1.02 4.94	-0.09 -3.37 18.87	0.36 -2.90 15.95	0.13 -3.77 20.74	21.66 -3.59 0.01	21.74 -3.42 0.00	19.03 -3.20 -0.14	19.76 -3.15 -0.11	21.15 -3.11 -0.11	21.16 -2.75 -0.37	25.31 -2.94 -0.54	27.65 -2.95 -0.19	26.19 -2.84 0.00	24.72 -2.06 0.00	23.09 -1.84 0.00	23.91 -1.75 0.00	22.67 -1.45 0.00
CHAT_HIGH_FALL_HYD 323578	0.49 -1.24 6.86	0.27 -1.19 6.71	0.27 -0.76 4.10	0.26 -0.77 4.20	0.15 -0.79 4.35	0.15 -0.92 5.07	0.80 -1.05 5.24	0.95 -1.00 4.79	0.34 -3.30 18.51	0.71 -2.86 15.64	0.57 -3.72 20.35	21.69 -3.56 0.01	21.74 -3.42 0.00	19.08 -3.16 -0.15	19.79 -3.12 -0.11	21.17 -3.09 -0.12	21.22 -2.71 -0.38	25.38 -2.88 -0.56	27.74 -2.86 -0.19	26.28 -2.76 0.00	24.83 -1.95 0.00	23.19 -1.75 0.00	23.98 -1.67 0.00	22.71 -1.40 0.00
CHAUTAUQUA__LFGE 323629	13.24 -0.08 -4.73	12.46 -0.05 -4.34	10.36 -0.05 -5.28	10.35 -0.06 -5.19	10.65 -0.06 -5.42	11.87 -0.08 -5.81	15.79 -0.13 -8.83	15.77 -0.13 -9.16	23.93 -0.78 -2.56	21.07 -0.69 -2.55	24.06 -0.96 -0.38	24.68 -0.58 0.00	24.63 -0.53 0.00	22.80 -0.42 -1.13	23.15 -0.43 -0.79	24.50 -0.48 -0.84	25.75 -0.52 -2.72	31.20 -0.47 -3.97	31.12 -0.67 -1.38	29.12 0.09 0.00	26.54 -0.24 0.00	24.83 -0.10 0.00	25.50 -0.15 0.00	24.43 0.31 0.00
CHERRYST_13_KV_LD 356241	26.13 0.50 -17.05	24.26 0.46 -15.63	24.44 0.27 -19.04	24.21 0.28 -18.71	25.11 0.28 -19.54	27.43 0.36 -20.93	38.81 0.42 -31.30	39.75 0.40 -32.61	32.72 1.44 -9.14	29.68 1.36 -9.11	27.82 1.82 -1.36	27.15 1.89 0.00	27.07 1.91 0.00	27.84 1.70 -4.04	27.42 1.78 -2.83	29.07 1.91 -3.01	35.14 1.84 -9.76	43.94 2.02 -14.21	37.60 2.25 -4.94	31.22 2.18 0.00	28.68 1.90 0.00	26.58 1.65 0.00	27.32 1.67 0.00	25.56 1.45 0.00
CHESTROR_138KV_BK263 355645	24.93 0.36 -15.98	23.16 0.34 -14.66	23.17 0.20 -17.85	22.97 0.21 -17.54	23.81 0.20 -18.32	26.01 0.25 -19.63	36.94 0.29 -29.56	37.68 0.27 -30.66	31.67 0.95 -8.57	28.65 0.90 -8.54	27.12 1.21 -1.27	26.50 1.24 0.00	26.42 1.26 0.00	26.99 1.10 -3.79	26.65 1.19 -2.66	28.25 1.28 -2.83	33.92 1.22 -9.15	42.44 1.41 -13.32	36.56 1.52 -4.63	30.49 1.45 0.00	28.07 1.29 0.00	26.03 1.10 0.00	26.86 1.21 0.00	25.15 1.04 0.00
CH_MIDHUDSON__DRP 24192	26.42 0.40 -17.43	24.54 0.38 -15.99	24.82 0.23 -19.47	24.59 0.24 -19.13	25.50 0.23 -19.98	27.82 0.28 -21.41	39.65 0.32 -32.24	40.49 0.30 -33.44	32.58 1.09 -9.34	29.54 1.02 -9.32	27.38 1.36 -1.39	26.65 1.39 0.00	26.57 1.41 0.00	27.46 1.24 -4.14	27.02 1.32 -2.90	28.65 1.42 -3.08	34.89 1.37 -9.98	43.81 1.58 -14.53	37.16 1.70 -5.05	30.63 1.60 0.00	28.23 1.45 0.00	26.18 1.25 0.00	26.91 1.26 0.00	25.20 1.09 0.00

CH_MISC_IPPS 23765	26.17 0.45 -17.14	24.31 0.42 -15.72	24.52 0.25 -19.14	24.29 0.26 -18.80	25.18 0.25 -19.64	27.49 0.31 -21.04	39.18 0.35 -31.73	40.00 0.34 -32.92	32.54 1.20 -9.20	29.49 1.11 -9.17	27.48 1.48 -1.37	26.80 1.54 0.00	26.69 1.53 0.00	27.49 1.33 -4.07	27.09 1.44 -2.85	28.72 1.55 -3.03	34.86 1.51 -9.81	43.74 1.75 -14.29	37.23 1.86 -4.97	30.75 1.71 0.00	28.36 1.58 0.00	26.35 1.42 0.00	27.04 1.38 0.00	25.32 1.21 0.00
CH_RES_BVR_FALLS 23983	-0.67 -0.70 8.56	-0.84 -0.66 8.35	-0.59 -0.41 5.30	-0.60 -0.42 5.41	-0.74 -0.42 5.60	-0.85 -0.49 6.50	-0.36 -0.57 6.89	-0.16 -0.53 6.37	-1.89 -1.73 22.31	-1.18 -1.52 18.87	-1.67 -1.95 24.36	23.28 -1.97 0.01	23.24 -1.91 0.00	20.46 -1.72 -0.09	21.14 -1.73 -0.07	22.49 -1.74 -0.08	22.25 -1.55 -0.25	26.41 -1.66 -0.37	28.89 -1.64 -0.13	27.47 -1.57 0.00	25.63 -1.15 0.00	23.91 -1.02 0.00	24.68 -0.97 0.00	23.25 -0.87 0.00
CH_RES_NIAGARA 23895	12.75 -0.28 -4.44	12.04 -0.20 -4.08	9.96 -0.13 -4.96	9.96 -0.14 -4.88	10.24 -0.15 -5.09	11.38 -0.22 -5.46	14.99 -0.35 -8.25	14.95 -0.35 -8.56	23.13 -1.42 -2.40	20.38 -1.23 -2.40	23.30 -1.70 -0.36	23.62 -1.64 0.00	23.52 -1.63 0.00	21.77 -1.39 -1.06	22.29 -1.25 -0.74	23.60 -1.33 -0.79	24.64 -1.46 -2.55	29.54 -1.88 -3.71	29.51 -2.19 -1.29	27.41 -1.63 0.00	25.01 -1.77 0.00	23.44 -1.50 0.00	24.11 -1.54 0.00	23.15 -0.97 0.00
CH_RES_SYRACUSE 23985	12.01 0.06 -3.36	11.31 0.06 -3.08	8.98 0.04 -3.82	9.01 0.04 -3.75	9.25 0.04 -3.92	10.38 0.05 -4.19	13.58 0.06 -6.43	13.48 0.06 -6.68	23.87 0.16 -1.56	20.95 0.14 -1.61	24.69 0.12 0.08	25.41 0.15 0.00	25.28 0.13 0.00	23.02 0.09 -0.84	23.45 0.07 -0.58	24.84 0.07 -0.62	25.60 0.05 -2.00	30.65 0.03 -2.92	31.42 0.00 -1.01	29.07 0.03 0.00	26.70 -0.08 0.00	24.88 -0.05 0.00	25.57 -0.08 0.00	24.11 0.00 0.00
CLINTON_WT_PWR 323605	0.31 -1.25 7.02	0.11 -1.20 6.87	0.15 -0.76 4.21	0.14 -0.77 4.31	0.02 -0.80 4.47	0.00 -0.93 5.21	0.62 -1.07 5.40	0.78 -1.02 4.94	-0.09 -3.37 18.87	0.36 -2.90 15.95	0.13 -3.77 20.74	21.66 -3.59 0.01	21.74 -3.42 0.00	19.03 -3.20 -0.14	19.76 -3.15 -0.11	21.15 -3.11 -0.11	21.16 -2.75 -0.37	25.31 -2.94 -0.54	27.65 -2.95 -0.19	26.19 -2.84 0.00	24.72 -2.06 0.00	23.09 -1.84 0.00	23.91 -1.75 0.00	22.67 -1.45 0.00
CLINTON__LFGE 323618	0.45 -1.15 6.98	0.24 -1.11 6.82	0.23 -0.71 4.18	0.22 -0.72 4.28	0.11 -0.75 4.43	0.11 -0.86 5.17	0.74 -0.99 5.36	0.90 -0.94 4.90	0.27 -3.10 18.78	0.65 -2.69 15.86	0.51 -3.50 20.64	21.94 -3.31 0.01	21.99 -3.17 0.00	19.29 -2.94 -0.14	20.01 -2.90 -0.11	21.41 -2.85 -0.12	21.45 -2.47 -0.37	25.67 -2.58 -0.54	28.04 -2.55 -0.19	26.57 -2.47 0.00	25.09 -1.69 0.00	23.41 -1.52 0.00	24.22 -1.44 0.00	22.93 -1.18 0.00
COBBLENY_34_KV_TB1 80064	13.20 -0.09 -4.70	12.43 -0.06 -4.31	10.33 -0.05 -5.25	10.32 -0.06 -5.16	10.62 -0.06 -5.39	11.84 -0.08 -5.78	15.64 -0.15 -8.70	15.61 -0.15 -9.02	23.87 -0.80 -2.52	21.01 -0.71 -2.51	24.03 -0.99 -0.37	24.65 -0.61 0.00	24.58 -0.58 0.00	22.72 -0.49 -1.12	23.01 -0.57 -0.78	24.33 -0.65 -0.83	25.50 -0.75 -2.71	30.74 -0.91 -3.94	30.65 -1.13 -1.37	28.75 -0.29 0.00	26.19 -0.59 0.00	24.46 -0.47 0.00	25.19 -0.46 0.00	24.11 0.00 0.00
COFFEEN__115KV_TB3 355620	9.63 0.03 -1.02	9.06 0.02 -0.87	6.89 0.02 -1.74	6.96 0.05 -1.69	7.10 0.05 -1.77	8.02 0.06 -1.82	10.36 0.11 -3.17	10.25 0.11 -3.39	20.43 0.24 1.96	17.82 0.08 1.47	21.43 0.05 3.26	25.23 -0.03 0.00	25.13 -0.03 0.00	22.61 -0.02 -0.54	23.14 -0.05 -0.38	24.48 -0.07 -0.41	24.95 0.09 -1.31	29.87 0.25 -1.91	31.68 0.61 -0.67	29.41 0.38 0.00	27.29 0.51 0.00	25.38 0.45 0.00	25.93 0.28 0.00	24.33 0.22 0.00
COLDSPRG_115KV_BK1 355956	13.37 -0.03 -4.82	12.58 -0.01 -4.42	10.48 -0.03 -5.38	10.47 -0.04 -5.29	10.78 -0.03 -5.52	12.02 -0.04 -5.92	15.95 -0.05 -8.91	15.93 -0.05 -9.25	24.20 -0.53 -2.58	21.29 -0.50 -2.58	24.33 -0.69 -0.38	25.26 0.00 0.00	25.21 0.05 0.00	23.10 -0.13 -1.14	23.44 -0.16 -0.80	24.73 -0.27 -0.85	26.05 -0.28 -2.79	31.63 -0.14 -4.06	31.61 -0.21 -1.41	29.79 0.75 0.00	27.08 0.29 0.00	25.26 0.32 0.00	26.04 0.38 0.00	24.93 0.82 0.00
COLONIE_LFGE__ 323577	29.67 0.28 -20.80	27.52 0.27 -19.07	28.52 0.16 -23.23	28.21 0.17 -22.82	29.30 0.17 -23.84	31.90 0.22 -25.54	45.84 0.25 -38.50	46.94 0.26 -39.94	34.17 0.86 -11.16	31.05 0.71 -11.13	27.26 0.96 -1.66	26.22 0.96 0.00	26.11 0.96 0.00	27.92 0.88 -4.94	27.20 0.94 -3.46	28.81 0.99 -3.68	36.46 0.97 -11.95	46.18 1.08 -17.40	37.64 1.18 -6.05	30.11 1.08 0.00	27.82 1.04 0.00	25.80 0.87 0.00	26.50 0.85 0.00	24.84 0.72 0.00
COOPERNY_115KV_TB1 80082	22.32 0.28 -13.45	20.77 0.26 -12.34	20.31 0.16 -15.02	20.15 0.17 -14.76	20.87 0.16 -15.42	22.86 0.20 -16.52	32.20 0.23 -24.88	32.76 0.21 -25.81	30.09 0.73 -7.21	27.09 0.69 -7.19	26.65 0.94 -1.07	26.22 0.96 0.00	26.11 0.96 0.00	26.14 0.86 -3.19	25.93 0.89 -2.24	27.49 0.97 -2.38	32.19 0.94 -7.70	39.97 1.05 -11.21	35.46 1.16 -3.90	30.17 1.13 0.00	27.77 0.99 0.00	25.80 0.87 0.00	26.65 1.00 0.00	24.98 0.87 0.00
COPENHAGEN_WT_PWR 323753	9.68 -0.04 -1.14	9.12 -0.03 -0.98	6.95 -0.02 -1.84	7.01 0.00 -1.78	7.16 0.00 -1.87	8.09 0.01 -1.94	10.38 0.04 -3.25	10.27 0.05 -3.48	20.41 0.04 1.78	17.81 -0.08 1.33	21.40 -0.15 3.09	25.05 -0.20 0.00	24.96 -0.20 0.00	22.44 -0.20 -0.55	22.99 -0.21 -0.39	24.32 -0.24 -0.41	24.80 -0.09 -1.34	29.66 0.00 -1.96	31.36 0.27 -0.68	29.12 0.09 0.00	26.97 0.19 0.00	25.08 0.15 0.00	25.70 0.05 0.00	24.11 0.00 0.00
CORNELL____ 23752	14.41 0.26 -5.57	13.53 0.25 -5.11	11.50 0.15 -6.22	11.49 0.16 -6.11	11.83 0.16 -6.38	13.17 0.19 -6.84	17.63 0.23 -10.30	17.66 0.23 -10.69	25.77 0.64 -2.99	22.70 0.52 -2.98	25.70 0.62 -0.44	25.94 0.68 0.00	25.81 0.65 0.00	23.99 0.57 -1.32	24.32 0.59 -0.93	25.81 0.68 -0.98	27.39 0.66 -3.18	33.15 0.80 -4.64	32.90 0.88 -1.61	29.94 0.90 0.00	27.48 0.70 0.00	25.58 0.65 0.00	26.27 0.62 0.00	24.76 0.65 0.00
CORONAAV_69_KV_TB1 355595	26.26 0.63 -17.05	24.38 0.58 -15.63	24.51 0.35 -19.04	24.29 0.36 -18.70	25.18 0.35 -19.53	27.87 0.45 -21.27	39.13 0.52 -31.52	39.89 0.44 -32.70	32.97 1.68 -9.14	31.06 1.56 -10.29	28.95 2.09 -2.21	27.33 2.07 0.00	27.32 2.16 0.00	29.48 1.92 -5.47	32.78 2.01 -7.97	35.67 2.22 -9.31	41.41 2.12 -15.75	51.25 2.41 -21.14	48.50 2.68 -15.42	39.35 2.58 -7.73	37.47 2.28 -8.42	34.05 2.02 -7.10	30.70 2.23 -2.82	26.15 1.98 -0.06
CORTLAND_115KV_TB3 80093	13.42 0.18 -4.65	12.60 0.16 -4.26	10.49 0.10 -5.26	10.49 0.10 -5.16	10.80 0.11 -5.39	12.04 0.13 -5.77	16.10 0.16 -8.85	16.06 0.14 -9.18	25.11 0.40 -2.56	22.09 0.33 -2.56	25.39 0.37 -0.38	25.71 0.45 0.00	25.58 0.43 0.00	23.60 0.38 -1.14	23.99 0.39 -0.80	25.40 0.41 -0.85	26.68 0.40 -2.74	32.16 0.47 -3.99	32.31 0.52 -1.39	29.59 0.55 0.00	27.18 0.40 0.00	25.33 0.40 0.00	26.01 0.36 0.00	24.52 0.41 0.00

COXSACKIE___GT 23611	28.69 0.56 -19.55	26.63 0.53 -17.92	27.29 0.33 -21.83	27.00 0.33 -21.45	28.03 0.34 -22.40	30.53 0.39 -24.00	43.73 0.46 -36.18	44.73 0.45 -37.53	34.07 1.44 -10.49	30.78 1.11 -10.46	27.53 1.33 -1.56	26.65 1.39 0.00	26.51 1.36 0.00	27.99 1.26 -4.64	27.40 1.35 -3.25	29.03 1.42 -3.46	36.08 1.29 -11.24	45.82 1.75 -16.37	37.93 1.82 -5.69	30.52 1.48 0.00	28.39 1.61 0.00	26.28 1.35 0.00	26.83 1.18 0.00	25.08 0.97 0.00
CPV_VALLEY___CC1 323721	23.95 0.30 -15.06	22.26 0.28 -13.81	22.11 0.16 -16.82	21.92 0.17 -16.53	22.72 0.17 -17.26	24.84 0.21 -18.49	35.22 0.24 -27.89	35.90 0.22 -28.93	31.03 0.80 -8.08	28.02 0.75 -8.06	26.88 1.03 -1.20	26.32 1.06 0.00	26.24 1.08 0.00	26.60 0.93 -3.58	26.31 1.00 -2.50	27.90 1.09 -2.66	33.20 1.03 -8.62	41.45 1.19 -12.55	36.05 1.28 -4.37	30.29 1.25 0.00	27.88 1.10 0.00	25.93 1.00 0.00	26.78 1.13 0.00	25.10 0.99 0.00
CPV_VALLEY___CC2 323722	23.95 0.30 -15.06	22.26 0.28 -13.81	22.11 0.16 -16.82	21.92 0.17 -16.53	22.72 0.17 -17.26	24.84 0.21 -18.49	35.22 0.24 -27.89	35.90 0.22 -28.93	31.03 0.80 -8.08	28.02 0.75 -8.06	26.88 1.03 -1.20	26.32 1.06 0.00	26.24 1.08 0.00	26.60 0.93 -3.58	26.31 1.00 -2.50	27.90 1.09 -2.66	33.20 1.03 -8.62	41.45 1.19 -12.55	36.05 1.28 -4.37	30.29 1.25 0.00	27.88 1.10 0.00	25.93 1.00 0.00	26.78 1.13 0.00	25.10 0.99 0.00
CRESCENT___HYD 24018	29.67 0.28 -20.80	27.52 0.27 -19.07	28.52 0.16 -23.23	28.21 0.17 -22.82	29.30 0.17 -23.84	31.90 0.22 -25.54	45.84 0.25 -38.50	46.94 0.26 -39.94	34.17 0.86 -11.16	31.05 0.71 -11.13	27.26 0.96 -1.66	26.22 0.96 0.00	26.11 0.96 0.00	27.92 0.88 -4.94	27.20 0.94 -3.46	28.81 0.99 -3.68	36.46 0.97 -11.95	46.18 1.08 -17.40	37.64 1.18 -6.05	30.11 1.08 0.00	27.82 1.04 0.00	25.80 0.87 0.00	26.50 0.85 0.00	24.84 0.72 0.00
CRICKET___VALLEY_CC1 323756	26.79 0.33 -17.88	24.88 0.32 -16.39	25.28 0.19 -19.97	25.03 0.19 -19.61	25.97 0.19 -20.49	28.33 0.23 -21.95	40.44 0.25 -33.10	41.32 0.24 -34.33	32.60 0.86 -9.59	29.54 0.77 -9.57	27.15 1.08 -1.42	26.37 1.11 0.00	26.26 1.11 0.00	27.31 0.97 -4.25	26.82 1.05 -2.97	28.44 1.14 -3.16	34.88 1.11 -10.23	43.88 1.28 -14.90	36.99 1.40 -5.18	30.35 1.31 0.00	27.99 1.21 0.00	26.03 1.10 0.00	26.68 1.03 0.00	25.01 0.89 0.00
CRICKET___VALLEY_CC2 323757	26.79 0.33 -17.88	24.88 0.32 -16.39	25.28 0.19 -19.97	25.03 0.19 -19.61	25.97 0.19 -20.49	28.33 0.23 -21.95	40.44 0.25 -33.10	41.32 0.24 -34.33	32.60 0.86 -9.59	29.54 0.77 -9.57	27.15 1.08 -1.42	26.37 1.11 0.00	26.26 1.11 0.00	27.31 0.97 -4.25	26.82 1.05 -2.97	28.44 1.14 -3.16	34.88 1.11 -10.23	43.88 1.28 -14.90	36.99 1.40 -5.18	30.35 1.31 0.00	27.99 1.21 0.00	26.03 1.10 0.00	26.68 1.03 0.00	25.01 0.89 0.00
CRICKET___VALLEY_CC3 323758	26.79 0.33 -17.88	24.88 0.32 -16.39	25.28 0.19 -19.97	25.03 0.19 -19.61	25.97 0.19 -20.49	28.33 0.23 -21.95	40.44 0.25 -33.10	41.32 0.24 -34.33	32.60 0.86 -9.59	29.54 0.77 -9.57	27.15 1.08 -1.42	26.37 1.11 0.00	26.26 1.11 0.00	27.31 0.97 -4.25	26.82 1.05 -2.97	28.44 1.14 -3.16	34.88 1.11 -10.23	43.88 1.28 -14.90	36.99 1.40 -5.18	30.35 1.31 0.00	27.99 1.21 0.00	26.03 1.10 0.00	26.68 1.03 0.00	25.01 0.89 0.00
CRUCIBLE_METL_DRP 24180	12.01 0.06 -3.36	11.31 0.06 -3.08	8.98 0.04 -3.82	9.01 0.04 -3.75	9.25 0.04 -3.92	10.38 0.05 -4.19	13.51 0.06 -6.36	13.41 0.06 -6.61	23.85 0.16 -1.55	20.93 0.13 -1.59	24.69 0.12 0.08	25.41 0.15 0.00	25.28 0.13 0.00	23.03 0.11 -0.83	23.45 0.07 -0.58	24.84 0.07 -0.62	25.60 0.05 -2.00	30.65 0.03 -2.92	31.42 0.00 -1.01	29.07 0.03 0.00	26.70 -0.08 0.00	24.91 -0.02 0.00	25.57 -0.08 0.00	24.11 0.00 0.00
DAHOWA___HYDRO 323763	30.14 0.46 -21.10	27.96 0.44 -19.34	28.95 0.27 -23.56	28.64 0.27 -23.15	29.74 0.28 -24.17	32.39 0.35 -25.90	46.57 0.43 -39.05	47.65 0.41 -40.50	34.77 1.31 -11.32	31.55 1.06 -11.28	27.70 1.38 -1.68	26.60 1.34 0.00	26.51 1.36 0.00	28.38 1.28 -5.01	27.61 1.30 -3.51	29.25 1.38 -3.73	36.98 1.34 -12.10	46.90 1.58 -17.62	38.21 1.67 -6.13	30.55 1.51 0.00	28.20 1.42 0.00	26.13 1.20 0.00	26.93 1.28 0.00	25.27 1.16 0.00
DANC___LFGE 323619	10.31 -0.06 -1.79	9.71 -0.06 -1.59	7.48 -0.03 -2.39	7.54 -0.02 -2.33	7.71 -0.02 -2.44	8.69 -0.02 -2.57	11.19 -0.01 -4.11	11.08 0.01 -4.34	21.39 -0.07 0.69	18.72 -0.11 0.37	22.39 -0.20 2.05	25.01 -0.25 0.00	24.91 -0.25 0.00	22.47 -0.24 -0.62	22.99 -0.25 -0.44	24.30 -0.31 -0.46	24.83 -0.21 -1.50	29.73 -0.17 -2.18	31.11 -0.06 -0.76	28.89 -0.14 0.00	26.73 -0.05 0.00	24.86 -0.07 0.00	25.50 -0.15 0.00	23.97 -0.14 0.00
DANSKAMMER___1 23586	26.17 0.45 -17.14	24.31 0.42 -15.72	24.52 0.25 -19.14	24.29 0.26 -18.80	25.18 0.25 -19.64	27.49 0.31 -21.04	39.18 0.35 -31.73	40.00 0.34 -32.92	32.54 1.20 -9.20	29.49 1.11 -9.17	27.48 1.48 -1.37	26.80 1.54 0.00	26.69 1.53 0.00	27.49 1.33 -4.07	27.09 1.44 -2.85	28.72 1.55 -3.03	34.86 1.51 -9.81	43.74 1.75 -14.29	37.23 1.86 -4.97	30.75 1.71 0.00	28.36 1.58 0.00	26.35 1.42 0.00	27.04 1.38 0.00	25.32 1.21 0.00
DANSKAMMER___2 23589	26.17 0.45 -17.14	24.31 0.42 -15.72	24.52 0.25 -19.14	24.29 0.26 -18.80	25.18 0.25 -19.64	27.49 0.31 -21.04	39.18 0.35 -31.73	40.00 0.34 -32.92	32.54 1.20 -9.20	29.49 1.11 -9.17	27.48 1.48 -1.37	26.80 1.54 0.00	26.69 1.53 0.00	27.49 1.33 -4.07	27.09 1.44 -2.85	28.72 1.55 -3.03	34.86 1.51 -9.81	43.74 1.75 -14.29	37.23 1.86 -4.97	30.75 1.71 0.00	28.36 1.58 0.00	26.35 1.42 0.00	27.04 1.38 0.00	25.32 1.21 0.00
DANSKAMMER___3 23590	26.17 0.45 -17.14	24.31 0.42 -15.72	24.52 0.25 -19.14	24.29 0.26 -18.80	25.18 0.25 -19.64	27.49 0.31 -21.04	39.18 0.35 -31.73	40.00 0.34 -32.92	32.54 1.20 -9.20	29.49 1.11 -9.17	27.48 1.48 -1.37	26.80 1.54 0.00	26.69 1.53 0.00	27.49 1.33 -4.07	27.09 1.44 -2.85	28.72 1.55 -3.03	34.86 1.51 -9.81	43.74 1.75 -14.29	37.23 1.86 -4.97	30.75 1.71 0.00	28.36 1.58 0.00	26.35 1.42 0.00	27.04 1.38 0.00	25.32 1.21 0.00
DANSKAMMER___4 23591	26.17 0.45 -17.14	24.31 0.42 -15.72	24.52 0.25 -19.14	24.29 0.26 -18.80	25.18 0.25 -19.64	27.49 0.31 -21.04	39.18 0.35 -31.73	40.00 0.34 -32.92	32.54 1.20 -9.20	29.49 1.11 -9.17	27.48 1.48 -1.37	26.80 1.54 0.00	26.69 1.53 0.00	27.49 1.33 -4.07	27.09 1.44 -2.85	28.72 1.55 -3.03	34.86 1.51 -9.81	43.74 1.75 -14.29	37.23 1.86 -4.97	30.75 1.71 0.00	28.36 1.58 0.00	26.35 1.42 0.00	27.04 1.38 0.00	25.32 1.21 0.00
DANSKAMMER___DIESEL 23592	26.17 0.45 -17.14	24.31 0.42 -15.72	24.52 0.25 -19.14	24.29 0.26 -18.80	25.18 0.25 -19.64	27.49 0.31 -21.04	39.14 0.35 -31.70	39.96 0.34 -32.88	32.53 1.20 -9.19	29.48 1.11 -9.16	27.48 1.48 -1.36	26.80 1.54 0.00	26.69 1.53 0.00	27.51 1.35 -4.07	27.09 1.44 -2.85	28.72 1.55 -3.03	34.86 1.51 -9.81	43.74 1.75 -14.28	37.23 1.85 -4.97	30.75 1.71 0.00	28.36 1.58 0.00	26.28 1.35 0.00	27.04 1.39 0.00	25.32 1.21 0.00

DARBY___SOLAR 323810	30.07 0.43 -21.05	27.89 0.41 -19.31	28.89 0.25 -23.51	28.57 0.25 -23.10	29.68 0.26 -24.13	32.32 0.33 -25.85	46.45 0.40 -38.97	47.54 0.38 -40.42	34.68 1.24 -11.29	31.47 1.00 -11.26	27.62 1.31 -1.68	26.52 1.26 0.00	26.46 1.31 0.00	28.30 1.21 -5.00	27.56 1.25 -3.50	29.17 1.30 -3.72	36.89 1.27 -12.07	46.79 1.50 -17.58	38.10 1.58 -6.12	30.46 1.42 0.00	28.15 1.37 0.00	26.08 1.15 0.00	26.86 1.21 0.00	25.20 1.09 0.00
DASHVILLE___HYD 23610	26.71 0.36 -17.76	24.79 0.34 -16.29	25.16 0.20 -19.84	24.92 0.21 -19.49	25.85 0.21 -20.35	28.18 0.23 -21.81	40.19 0.26 -32.85	41.06 0.24 -34.07	32.53 0.86 -9.52	29.55 0.85 -9.49	27.16 1.11 -1.41	26.42 1.16 0.00	26.29 1.13 0.00	27.28 0.97 -4.21	26.80 1.05 -2.95	28.45 1.16 -3.14	34.84 1.13 -10.16	43.78 1.27 -14.80	36.92 1.37 -5.15	30.31 1.28 0.00	27.96 1.18 0.00	25.95 1.02 0.00	26.70 1.05 0.00	25.01 0.89 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	26.52 0.89 -17.05	24.67 0.87 -15.63	24.68 0.52 -19.04	24.47 0.54 -18.70	25.34 0.52 -19.53	28.09 0.68 -21.27	39.42 0.80 -31.52	40.16 0.71 -32.70	33.90 2.61 -9.14	31.83 2.32 -10.29	29.91 3.06 -2.21	28.29 3.03 0.00	28.33 3.17 0.00	30.37 2.81 -5.47	33.73 2.96 -7.97	37.86 3.14 -10.57	42.54 3.20 -15.79	52.75 3.91 -21.14	49.84 4.01 -15.42	40.81 3.92 -7.85	39.06 3.35 -8.93	35.20 3.04 -7.22	29.19 3.36 -0.18	27.03 2.92 0.00
DELAWARE___LFGE 323621	17.82 0.30 -8.93	16.65 0.29 -8.19	15.29 0.18 -9.98	15.22 0.20 -9.80	15.72 0.20 -10.24	17.32 0.21 -10.97	23.86 0.25 -16.52	24.12 0.24 -17.14	27.73 0.80 -4.79	24.67 0.69 -4.77	26.29 0.94 -0.71	26.24 0.99 0.00	26.14 0.98 0.00	25.09 0.88 -2.12	25.18 0.89 -1.49	26.67 0.94 -1.58	29.58 0.92 -5.11	36.20 1.05 -7.45	34.18 1.19 -2.59	30.14 1.10 0.00	27.77 0.99 0.00	25.83 0.90 0.00	26.57 0.92 0.00	24.96 0.84 0.00
DERFIELD_115KV_TB7 355931	9.07 -0.04 -0.53	8.61 -0.04 -0.48	5.69 -0.03 -0.59	5.78 -0.02 -0.58	5.87 -0.02 -0.60	6.76 -0.03 -0.65	8.03 -0.03 -0.97	7.72 -0.03 -1.01	22.34 -0.09 -0.28	19.41 -0.08 -0.28	24.61 -0.07 -0.04	25.16 -0.10 0.00	25.08 -0.08 0.00	22.13 -0.09 -0.12	22.80 -0.09 -0.09	24.14 -0.10 -0.09	23.78 -0.07 -0.30	28.06 -0.08 -0.44	30.50 -0.06 -0.15	28.98 -0.06 0.00	26.75 -0.03 0.00	24.93 0.00 0.00	25.65 0.00 0.00	24.11 0.00 0.00
DOGLEVILLE___HYD 23807	9.39 0.27 -0.53	8.92 0.26 -0.48	5.87 0.16 -0.59	5.96 0.16 -0.58	6.05 0.16 -0.60	6.97 0.18 -0.65	8.16 0.23 -0.84	7.83 0.22 -0.87	23.08 0.69 -0.24	20.05 0.60 -0.24	25.47 0.79 -0.04	26.07 0.81 0.00	25.94 0.78 0.00	22.86 0.66 -0.11	23.44 0.55 -0.09	24.80 0.56 -0.09	24.41 0.56 -0.30	28.70 0.55 -0.44	31.41 0.85 -0.15	29.82 0.78 0.00	27.58 0.80 0.00	25.80 0.87 0.00	26.57 0.92 0.00	24.98 0.87 0.00
DUNKIRK___115KV_TB_200 55889	13.25 -0.06 -4.73	12.47 -0.03 -4.33	10.36 -0.04 -5.28	10.36 -0.05 -5.19	10.67 -0.04 -5.42	11.88 -0.06 -5.80	15.71 -0.12 -8.74	15.68 -0.13 -9.07	23.95 -0.73 -2.53	21.08 -0.65 -2.53	24.11 -0.91 -0.38	24.70 -0.56 0.00	24.65 -0.50 0.00	22.86 -0.35 -1.12	23.15 -0.43 -0.79	24.50 -0.48 -0.84	25.75 -0.52 -2.72	31.14 -0.53 -3.96	31.12 -0.67 -1.38	29.07 0.03 0.00	26.46 -0.32 0.00	24.71 -0.22 0.00	25.47 -0.18 0.00	24.40 0.29 0.00
DUNKIRK___1 23563	13.25 -0.06 -4.73	12.47 -0.03 -4.33	10.36 -0.04 -5.28	10.36 -0.05 -5.19	10.67 -0.04 -5.42	11.88 -0.06 -5.80	15.71 -0.12 -8.74	15.68 -0.13 -9.07	23.95 -0.73 -2.53	21.08 -0.65 -2.53	24.11 -0.91 -0.38	24.70 -0.56 0.00	24.65 -0.50 0.00	22.86 -0.35 -1.12	23.15 -0.43 -0.79	24.50 -0.48 -0.84	25.75 -0.52 -2.72	31.14 -0.53 -3.96	31.12 -0.67 -1.38	29.07 0.03 0.00	26.46 -0.32 0.00	24.71 -0.22 0.00	25.47 -0.18 0.00	24.40 0.29 0.00
DUNKIRK___2 23564	13.25 -0.06 -4.73	12.47 -0.03 -4.33	10.36 -0.04 -5.28	10.36 -0.05 -5.19	10.67 -0.04 -5.42	11.88 -0.06 -5.80	15.71 -0.12 -8.74	15.68 -0.13 -9.07	23.95 -0.73 -2.53	21.08 -0.65 -2.53	24.11 -0.91 -0.38	24.70 -0.56 0.00	24.65 -0.50 0.00	22.86 -0.35 -1.12	23.15 -0.43 -0.79	24.50 -0.48 -0.84	25.75 -0.52 -2.72	31.14 -0.53 -3.96	31.12 -0.67 -1.38	29.07 0.03 0.00	26.46 -0.32 0.00	24.71 -0.22 0.00	25.47 -0.18 0.00	24.40 0.29 0.00
DUNKIRK___3 23565	13.25 -0.07 -4.74	12.47 -0.04 -4.34	10.37 -0.04 -5.29	10.37 -0.05 -5.20	10.67 -0.04 -5.43	11.89 -0.07 -5.81	15.72 -0.12 -8.76	15.69 -0.13 -9.08	23.91 -0.78 -2.54	21.05 -0.69 -2.53	24.06 -0.96 -0.38	24.68 -0.58 0.00	24.63 -0.53 0.00	22.80 -0.42 -1.12	23.09 -0.50 -0.79	24.45 -0.53 -0.84	25.68 -0.59 -2.72	31.03 -0.64 -3.96	30.97 -0.82 -1.38	28.98 -0.06 0.00	26.38 -0.40 0.00	24.63 -0.30 0.00	25.37 -0.28 0.00	24.31 0.19 0.00
DUNKIRK___4 23566	13.19 -0.08 -4.68	12.41 -0.05 -4.29	10.30 -0.05 -5.22	10.29 -0.06 -5.13	10.60 -0.05 -5.36	11.81 -0.08 -5.74	15.60 -0.13 -8.65	15.57 -0.14 -8.97	23.86 -0.80 -2.51	21.00 -0.71 -2.50	24.03 -0.99 -0.37	24.63 -0.63 0.00	24.58 -0.58 0.00	22.76 -0.44 -1.11	23.08 -0.50 -0.78	24.44 -0.53 -0.83	25.62 -0.61 -2.69	30.96 -0.66 -3.92	30.95 -0.82 -1.36	28.95 -0.09 0.00	26.35 -0.43 0.00	24.61 -0.32 0.00	25.37 -0.28 0.00	24.31 0.19 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	26.09 0.45 -17.05	24.22 0.42 -15.63	24.41 0.25 -19.04	24.19 0.26 -18.71	25.08 0.25 -19.54	27.40 0.32 -20.94	39.00 0.38 -31.53	39.80 0.35 -32.71	32.57 1.28 -9.14	29.51 1.19 -9.11	27.62 1.63 -1.36	26.90 1.64 0.00	26.84 1.69 0.00	27.64 1.50 -4.05	27.21 1.57 -2.83	28.85 1.69 -3.01	34.93 1.62 -9.76	43.74 1.83 -14.21	37.36 2.01 -4.94	30.98 1.95 0.00	28.49 1.71 0.00	26.40 1.47 0.00	27.16 1.51 0.00	25.42 1.30 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	25.66 0.39 -16.68	23.84 0.38 -15.29	23.97 0.22 -18.63	23.75 0.23 -18.30	24.63 0.23 -19.11	26.89 0.27 -20.48	38.25 0.31 -30.85	39.04 0.30 -32.00	32.15 1.06 -8.94	29.10 0.98 -8.91	27.27 1.31 -1.33	26.62 1.36 0.00	26.52 1.36 0.00	27.24 1.19 -3.96	26.85 1.28 -2.77	28.47 1.38 -2.95	34.41 1.32 -9.54	43.16 1.55 -13.90	36.88 1.64 -4.84	30.58 1.54 0.00	28.17 1.39 0.00	26.15 1.22 0.00	26.93 1.28 0.00	25.22 1.11 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	26.20 0.57 -17.05	24.33 0.52 -15.64	24.48 0.31 -19.04	24.25 0.32 -18.71	25.14 0.31 -19.54	27.43 0.36 -20.94	38.96 0.33 -31.53	39.76 0.31 -32.71	32.46 1.17 -9.14	29.49 1.17 -9.11	27.60 1.60 -1.36	26.93 1.67 0.00	26.84 1.69 0.00	27.62 1.48 -4.05	27.19 1.55 -2.83	28.83 1.67 -3.01	34.90 1.60 -9.76	43.69 1.77 -14.21	37.30 1.95 -4.94	30.95 1.92 0.00	28.39 1.61 0.00	26.38 1.45 0.00	27.22 1.56 0.00	25.63 1.52 0.00
E179THST_13_KV_LOAD 356214	26.24 0.60 -17.05	24.36 0.56 -15.64	24.49 0.33 -19.04	24.27 0.34 -18.71	25.16 0.33 -19.54	27.46 0.38 -20.94	38.99 0.36 -31.53	39.79 0.34 -32.71	32.57 1.28 -9.14	29.57 1.25 -9.11	27.72 1.72 -1.36	27.03 1.77 0.00	26.97 1.81 0.00	27.71 1.57 -4.05	27.28 1.64 -2.83	28.95 1.79 -3.01	35.00 1.70 -9.76	43.83 1.91 -14.21	37.45 2.10 -4.94	31.10 2.06 0.00	28.49 1.71 0.00	26.50 1.57 0.00	27.34 1.69 0.00	25.73 1.62 0.00

EAST HAMPTON___GT 23717	26.62 0.99 -17.05	24.76 0.96 -15.63	24.73 0.57 -19.04	24.53 0.60 -18.70	25.40 0.58 -19.53	28.16 0.74 -21.27	39.53 0.88 -31.56	40.28 0.80 -32.74	34.18 2.88 -9.15	32.07 2.56 -10.31	30.19 3.33 -2.22	28.59 3.33 0.00	28.63 3.47 0.00	30.62 3.05 -5.48	34.01 3.24 -7.97	38.17 3.45 -10.57	42.89 3.56 -15.79	53.16 4.32 -21.14	50.36 4.53 -15.42	41.22 4.33 -7.85	39.43 3.72 -8.93	35.57 3.42 -7.22	29.46 3.64 -0.17	27.32 3.21 0.00
EAST RIVER___6 23660	26.17 0.53 -17.05	24.29 0.48 -15.63	24.45 0.29 -19.04	24.23 0.30 -18.71	25.12 0.29 -19.54	27.45 0.37 -20.93	38.86 0.43 -31.33	39.80 0.41 -32.65	32.80 1.51 -9.15	29.77 1.44 -9.12	27.95 1.95 -1.36	27.25 1.99 0.00	27.19 2.04 0.00	27.93 1.79 -4.05	27.53 1.89 -2.83	29.16 2.00 -3.01	35.23 1.93 -9.76	44.02 2.10 -14.21	37.72 2.37 -4.94	31.33 2.29 0.00	28.79 2.01 0.00	26.75 1.82 0.00	27.42 1.77 0.00	25.63 1.52 0.00
EAST RIVER___7 23524	26.17 0.53 -17.05	24.29 0.48 -15.63	24.45 0.29 -19.04	24.23 0.30 -18.71	25.12 0.29 -19.54	27.45 0.37 -20.93	38.86 0.43 -31.33	39.80 0.41 -32.65	32.80 1.51 -9.15	29.77 1.44 -9.12	27.95 1.95 -1.36	27.25 1.99 0.00	27.19 2.04 0.00	27.93 1.79 -4.05	27.53 1.89 -2.83	29.16 2.00 -3.01	35.23 1.93 -9.76	44.02 2.10 -14.21	37.72 2.37 -4.94	31.33 2.29 0.00	28.79 2.01 0.00	26.75 1.82 0.00	27.42 1.77 0.00	25.63 1.52 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	26.04 0.44 -17.02	24.19 0.41 -15.61	24.37 0.24 -19.01	24.15 0.25 -18.68	25.04 0.24 -19.50	27.35 0.31 -20.90	38.94 0.37 -31.48	39.74 0.34 -32.65	32.49 1.22 -9.12	29.46 1.15 -9.10	27.55 1.55 -1.35	26.85 1.59 0.00	26.79 1.64 0.00	27.57 1.44 -4.04	27.14 1.50 -2.83	28.80 1.64 -3.01	34.84 1.55 -9.74	43.66 1.77 -14.19	37.29 1.95 -4.93	30.90 1.86 0.00	28.41 1.63 0.00	26.35 1.42 0.00	27.09 1.44 0.00	25.37 1.25 0.00
EAST_HAMPTON___DIESEL 23722	26.62 0.99 -17.05	24.76 0.96 -15.63	24.73 0.57 -19.04	24.53 0.60 -18.70	25.40 0.58 -19.53	28.16 0.74 -21.27	39.54 0.89 -31.56	40.28 0.80 -32.74	34.18 2.88 -9.15	32.07 2.56 -10.31	30.19 3.33 -2.22	28.59 3.33 0.00	28.63 3.47 0.00	30.62 3.05 -5.48	34.01 3.24 -7.97	38.17 3.45 -10.57	42.89 3.56 -15.79	53.16 4.32 -21.14	50.36 4.53 -15.42	41.22 4.33 -7.85	39.43 3.72 -8.93	35.57 3.42 -7.22	29.46 3.64 -0.17	27.32 3.21 0.00
EAST_PULASKI___ESR 323781	10.95 -0.05 -2.42	10.32 -0.05 -2.19	8.01 -0.03 -2.92	8.05 -0.03 -2.85	8.25 -0.03 -2.98	9.29 -0.02 -3.17	12.00 -0.02 -4.93	11.88 -0.01 -5.15	22.44 -0.11 -0.40	19.67 -0.12 -0.58	23.44 -0.20 1.00	25.03 -0.23 0.00	24.91 -0.25 0.00	22.55 -0.22 -0.68	23.03 -0.25 -0.48	24.34 -0.31 -0.51	24.93 -0.26 -1.64	29.82 -0.28 -2.40	30.97 -0.27 -0.83	28.75 -0.29 0.00	26.54 -0.24 0.00	24.73 -0.20 0.00	25.37 -0.28 0.00	23.87 -0.24 0.00
EAST_RIVER___1 323558	26.12 0.48 -17.05	24.25 0.44 -15.63	24.43 0.26 -19.04	24.20 0.27 -18.71	25.09 0.26 -19.54	27.41 0.34 -20.93	38.82 0.40 -31.33	39.76 0.37 -32.65	32.65 1.35 -9.15	29.62 1.29 -9.12	27.75 1.75 -1.36	27.05 1.79 0.00	26.99 1.84 0.00	27.73 1.59 -4.05	27.32 1.69 -2.83	29.00 1.83 -3.01	35.05 1.74 -9.76	43.85 1.94 -14.21	37.51 2.16 -4.94	31.13 2.09 0.00	28.60 1.82 0.00	26.58 1.65 0.00	27.24 1.59 0.00	25.49 1.37 0.00
EAST_RIVER___2 323559	26.17 0.53 -17.05	24.29 0.48 -15.63	24.45 0.29 -19.04	24.23 0.30 -18.71	25.12 0.29 -19.54	27.45 0.37 -20.93	38.86 0.43 -31.33	39.80 0.41 -32.65	32.80 1.51 -9.15	29.77 1.44 -9.12	27.95 1.95 -1.36	27.25 1.99 0.00	27.19 2.04 0.00	27.93 1.79 -4.05	27.53 1.89 -2.83	29.16 2.00 -3.01	35.23 1.93 -9.76	44.02 2.10 -14.21	37.72 2.37 -4.94	31.33 2.29 0.00	28.79 2.01 0.00	26.75 1.82 0.00	27.42 1.77 0.00	25.63 1.52 0.00
EAST___DELAWARE_HYD 23607	24.66 0.36 -15.72	22.93 0.34 -14.41	22.88 0.21 -17.55	22.68 0.21 -17.24	23.50 0.21 -18.01	25.68 0.24 -19.30	36.47 0.28 -29.10	37.20 0.27 -30.19	31.53 0.95 -8.43	28.52 0.90 -8.41	27.08 1.18 -1.25	26.50 1.24 0.00	25.66 0.50 0.00	26.22 0.40 -3.73	25.92 0.50 -2.61	27.48 0.56 -2.78	33.13 0.59 -9.00	41.64 0.83 -13.11	35.69 0.73 -4.56	29.62 0.58 0.00	28.07 1.29 0.00	26.10 1.17 0.00	26.83 1.18 0.00	25.10 0.99 0.00
EIGHT_POINT___WT_PWR 323820	13.97 0.01 -5.38	13.12 0.02 -4.93	11.13 0.00 -6.00	11.11 -0.01 -5.90	11.45 0.00 -6.16	12.74 0.00 -6.60	17.15 -0.01 -10.07	17.14 -0.05 -10.45	24.64 -0.42 -2.92	21.70 -0.42 -2.91	24.46 -0.62 -0.43	24.90 -0.35 0.00	24.80 -0.35 0.00	23.10 -0.29 -1.29	23.35 -0.34 -0.89	25.05 -0.05 -0.95	26.50 -0.07 -3.02	32.05 -0.06 -4.40	31.85 -0.09 -1.53	29.65 0.61 0.00	27.08 0.30 0.00	25.31 0.37 0.00	25.96 0.31 0.00	24.69 0.58 0.00
ELBRIDGE_115KV_TB2 80188	12.09 0.03 -3.48	11.38 0.02 -3.19	9.09 0.02 -3.95	9.11 0.01 -3.88	9.35 0.02 -4.05	10.50 0.02 -4.33	13.79 0.03 -6.67	13.68 0.03 -6.92	24.12 0.04 -1.93	21.17 0.04 -1.93	24.90 -0.02 -0.29	25.28 0.03 0.00	25.13 -0.03 0.00	22.95 0.00 -0.86	23.36 -0.05 -0.60	24.74 -0.05 -0.64	25.54 -0.07 -2.06	30.65 -0.06 -3.00	31.33 -0.12 -1.04	28.92 -0.12 0.00	26.59 -0.19 0.00	24.81 -0.12 0.00	25.47 -0.18 0.00	24.02 -0.10 0.00
ELEC_TRO_TEK 24086	26.21 0.58 -17.05	24.34 0.54 -15.63	24.48 0.32 -19.04	24.25 0.33 -18.70	25.15 0.32 -19.53	27.84 0.42 -21.27	39.09 0.48 -31.52	39.86 0.42 -32.70	32.90 1.62 -9.14	31.00 1.50 -10.29	28.85 2.00 -2.21	27.25 2.00 0.00	27.22 2.06 0.00	29.40 1.83 -5.47	32.69 1.92 -7.97	35.53 2.08 -9.31	41.30 2.00 -15.75	51.14 2.30 -21.14	48.32 2.49 -15.42	39.15 2.38 -7.73	37.31 2.12 -8.42	33.90 1.87 -7.10	29.08 2.10 -1.32	25.97 1.83 -0.03
ELLENBURG_WT_PWR 323604	0.31 -1.25 7.02	0.11 -1.20 6.87	0.15 -0.76 4.21	0.14 -0.77 4.31	0.02 -0.80 4.47	0.00 -0.93 5.21	0.62 -1.07 5.40	0.78 -1.02 4.94	-0.09 -3.37 18.87	0.36 -2.90 15.95	0.13 -3.77 20.74	21.66 -3.59 0.01	21.74 -3.42 0.00	19.03 -3.20 -0.14	19.76 -3.15 -0.11	21.15 -3.11 -0.11	21.16 -2.75 -0.37	25.31 -2.94 -0.54	27.65 -2.95 -0.19	26.19 -2.84 0.00	24.72 -2.06 0.00	23.09 -1.84 0.00	23.91 -1.75 0.00	22.67 -1.45 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	13.05 -0.12 -4.58	12.29 -0.08 -4.20	10.17 -0.07 -5.12	10.17 -0.08 -5.03	10.47 -0.07 -5.25	11.66 -0.10 -5.63	15.38 -0.18 -8.47	15.34 -0.19 -8.79	23.67 -0.93 -2.46	20.83 -0.83 -2.45	23.87 -1.13 -0.36	24.37 -0.88 0.00	24.30 -0.86 0.00	22.56 -0.62 -1.09	22.86 -0.71 -0.76	24.21 -0.75 -0.81	25.33 -0.85 -2.63	30.46 -1.08 -3.83	30.46 -1.28 -1.33	28.43 -0.61 0.00	25.90 -0.88 0.00	24.21 -0.72 0.00	24.96 -0.69 0.00	23.92 -0.19 0.00
EMPIRE_CC_1 323656	28.64 0.17 -19.89	26.58 0.17 -18.23	27.43 0.10 -22.21	27.15 0.10 -21.82	28.19 0.11 -22.79	30.69 0.13 -24.42	44.02 0.12 -36.81	45.03 0.11 -38.18	33.21 0.40 -10.67	30.21 0.36 -10.64	26.77 0.54 -1.58	25.84 0.58 0.00	25.71 0.55 0.00	27.32 0.51 -4.72	26.65 0.55 -3.31	28.19 0.53 -3.52	35.42 0.50 -11.38	44.83 0.55 -16.57	36.84 0.67 -5.76	29.65 0.61 0.00	27.45 0.67 0.00	25.53 0.60 0.00	26.16 0.51 0.00	24.55 0.43 0.00

EMPIRE_CC_2 323658	28.64 0.17 -19.89	26.58 0.17 -18.23	27.43 0.10 -22.21	27.15 0.10 -21.82	28.19 0.11 -22.79	30.69 0.13 -24.42	44.02 0.12 -36.81	45.03 0.11 -38.18	33.21 0.40 -10.67	30.21 0.36 -10.64	26.77 0.54 -1.58	25.84 0.58 0.00	25.71 0.55 0.00	27.32 0.51 -4.72	26.65 0.55 -3.31	28.19 0.53 -3.52	35.42 0.50 -11.38	44.83 0.55 -16.57	36.84 0.67 -5.76	29.65 0.61 0.00	27.45 0.67 0.00	25.53 0.60 0.00	26.16 0.51 0.00	24.55 0.43 0.00
ENORWICH_115KV_TB1 80156	16.29 0.67 -7.03	15.26 0.64 -6.45	13.37 0.39 -7.86	13.36 0.42 -7.72	13.77 0.42 -8.06	15.26 0.48 -8.64	20.69 0.60 -13.01	20.82 0.59 -13.49	27.64 1.73 -3.77	24.33 1.36 -3.76	27.00 1.80 -0.56	27.15 1.89 0.00	27.02 1.86 0.00	25.44 1.68 -1.67	25.70 1.73 -1.17	27.30 1.91 -1.24	29.45 1.88 -4.02	35.75 2.19 -5.86	35.09 2.65 -2.04	31.42 2.38 0.00	28.98 2.20 0.00	27.03 2.09 0.00	27.70 2.05 0.00	26.11 2.00 0.00
ERIE_ST__34_KV_TB1-2 80199	13.09 -0.15 -4.66	12.33 -0.11 -4.27	10.24 -0.09 -5.20	10.23 -0.10 -5.11	10.53 -0.10 -5.34	11.74 -0.12 -5.72	15.52 -0.18 -8.61	15.49 -0.19 -8.93	23.69 -0.95 -2.50	20.85 -0.85 -2.49	23.85 -1.16 -0.37	24.78 -0.48 0.00	24.70 -0.45 0.00	22.60 -0.60 -1.11	22.89 -0.68 -0.77	24.22 -0.75 -0.82	25.40 -0.82 -2.68	30.61 -1.00 -3.90	30.58 -1.19 -1.36	28.95 -0.09 0.00	26.35 -0.43 0.00	24.58 -0.35 0.00	25.34 -0.31 0.00	24.28 0.17 0.00
ERIE_WT_PWR 323693	13.13 -0.09 -4.63	12.36 -0.06 -4.25	10.25 -0.05 -5.18	10.25 -0.06 -5.08	10.54 -0.06 -5.31	11.75 -0.08 -5.69	15.59 -0.15 -8.65	15.56 -0.15 -8.97	23.84 -0.82 -2.51	20.96 -0.75 -2.50	23.98 -1.03 -0.37	24.58 -0.68 0.00	24.50 -0.65 0.00	22.67 -0.53 -1.11	22.96 -0.61 -0.77	24.32 -0.65 -0.82	25.48 -0.73 -2.66	30.64 -0.94 -3.88	30.60 -1.16 -1.35	28.69 -0.35 0.00	26.17 -0.61 0.00	24.48 -0.45 0.00	25.16 -0.49 0.00	24.11 0.00 0.00
ESPRGFLD_115KV_TB1 80157	8.26 0.30 0.62	7.89 0.29 0.57	4.61 0.18 0.69	4.74 0.20 0.68	4.78 0.20 0.71	5.61 0.23 0.76	6.25 0.30 1.15	5.85 0.30 1.19	22.77 0.95 0.33	19.65 0.77 0.33	25.60 1.01 0.05	26.27 1.01 0.00	26.19 1.03 0.00	22.89 0.95 0.15	23.59 0.89 0.10	25.03 0.99 0.11	24.11 0.92 0.35	28.33 1.14 0.51	31.47 1.25 0.18	30.17 1.13 0.00	27.77 0.99 0.00	25.93 1.00 0.00	26.60 0.95 0.00	24.93 0.82 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	14.40 0.25 -5.56	13.50 0.23 -5.10	11.49 0.15 -6.21	11.47 0.15 -6.10	11.82 0.15 -6.38	13.15 0.18 -6.83	17.61 0.23 -10.29	17.63 0.22 -10.67	25.73 0.60 -2.98	22.66 0.48 -2.97	25.65 0.57 -0.44	25.92 0.66 0.00	25.76 0.60 0.00	23.96 0.55 -1.32	24.27 0.55 -0.93	25.76 0.63 -0.98	27.34 0.61 -3.18	33.09 0.75 -4.63	32.84 0.82 -1.61	29.85 0.81 0.00	27.42 0.64 0.00	25.56 0.62 0.00	26.22 0.56 0.00	24.72 0.60 0.00
ETNA_____115KV_TB2 80207	14.40 0.25 -5.56	13.50 0.23 -5.10	11.49 0.15 -6.21	11.47 0.15 -6.10	11.82 0.15 -6.38	13.15 0.18 -6.83	17.61 0.23 -10.29	17.63 0.22 -10.67	25.73 0.60 -2.98	22.66 0.48 -2.97	25.65 0.57 -0.44	25.92 0.66 0.00	25.76 0.60 0.00	23.96 0.55 -1.32	24.27 0.55 -0.93	25.76 0.63 -0.98	27.34 0.61 -3.18	33.09 0.75 -4.63	32.84 0.82 -1.61	29.85 0.81 0.00	27.42 0.64 0.00	25.56 0.62 0.00	26.22 0.56 0.00	24.72 0.60 0.00
EUCLID___115KV_TB2 356179	11.64 -0.03 -3.09	10.96 -0.03 -2.82	8.62 -0.02 -3.52	8.65 -0.03 -3.46	8.88 -0.02 -3.61	9.98 -0.02 -3.86	12.93 -0.03 -5.86	12.82 -0.02 -6.10	23.39 -0.11 -1.36	20.50 -0.12 -1.41	24.29 -0.20 0.15	25.08 -0.18 0.00	24.96 -0.20 0.00	22.68 -0.18 -0.77	23.14 -0.21 -0.54	24.50 -0.22 -0.57	25.17 -0.24 -1.85	30.10 -0.30 -2.70	30.98 -0.36 -0.94	28.72 -0.32 0.00	26.41 -0.37 0.00	24.63 -0.30 0.00	25.32 -0.33 0.00	23.85 -0.27 0.00
E_CANADA_CAP_HY 24051	34.89 0.25 -26.06	32.30 0.24 -23.89	34.38 0.15 -29.10	33.97 0.16 -28.59	35.31 0.16 -29.86	38.34 0.20 -31.99	55.62 0.30 -48.24	57.07 0.30 -50.03	37.03 0.91 -13.98	33.82 0.67 -13.94	27.58 0.86 -2.08	26.09 0.83 0.00	26.01 0.86 0.00	29.10 0.82 -6.19	27.84 0.71 -4.33	29.57 0.82 -4.61	39.17 0.71 -14.91	50.45 1.03 -21.72	39.00 1.03 -7.56	29.91 0.87 0.00	27.56 0.78 0.00	25.88 0.95 0.00	26.47 0.82 0.00	24.74 0.63 0.00
E_CANADA_MHWK_HY 24050	9.39 0.27 -0.53	8.92 0.26 -0.48	5.87 0.16 -0.59	5.96 0.16 -0.58	6.05 0.16 -0.60	6.97 0.18 -0.65	8.16 0.23 -0.84	7.83 0.22 -0.87	23.08 0.69 -0.24	20.05 0.60 -0.24	25.47 0.79 -0.04	26.07 0.81 0.00	25.94 0.78 0.00	22.86 0.66 -0.11	23.44 0.55 -0.09	24.80 0.56 -0.09	24.41 0.56 -0.30	28.70 0.55 -0.44	31.41 0.85 -0.15	29.82 0.78 0.00	27.58 0.80 0.00	25.80 0.87 0.00	26.57 0.92 0.00	24.98 0.87 0.00
E_FISHKILL___LBMP 23776	26.30 0.38 -17.34	24.43 0.36 -15.90	24.69 0.21 -19.36	24.46 0.22 -19.02	25.37 0.22 -19.86	27.70 0.27 -21.29	39.46 0.31 -32.06	40.29 0.29 -33.26	32.48 1.04 -9.29	29.43 0.96 -9.27	27.33 1.31 -1.38	26.60 1.34 0.00	26.52 1.36 0.00	27.42 1.22 -4.11	26.96 1.28 -2.88	28.59 1.38 -3.06	34.78 1.32 -9.92	43.68 1.52 -14.45	37.07 1.64 -5.03	30.61 1.57 0.00	28.17 1.39 0.00	26.13 1.20 0.00	26.88 1.23 0.00	25.20 1.09 0.00
FALCON___SEABRD_CC1 323796	0.43 -1.15 7.00	0.21 -1.11 6.85	0.22 -0.71 4.20	0.20 -0.72 4.30	0.09 -0.75 4.45	0.09 -0.87 5.19	0.72 -0.99 5.38	0.88 -0.94 4.92	0.22 -3.10 18.83	0.61 -2.69 15.91	0.45 -3.50 20.69	21.94 -3.31 0.01	21.99 -3.17 0.00	19.27 -2.96 -0.14	20.01 -2.90 -0.11	21.41 -2.85 -0.11	21.45 -2.47 -0.37	25.64 -2.61 -0.54	28.01 -2.58 -0.19	26.54 -2.50 0.00	25.07 -1.71 0.00	23.41 -1.52 0.00	24.22 -1.44 0.00	22.96 -1.16 0.00
FALCON___SEABRD_CC2 323797	0.43 -1.15 7.00	0.21 -1.11 6.85	0.22 -0.71 4.20	0.20 -0.72 4.30	0.09 -0.75 4.45	0.09 -0.87 5.19	0.72 -0.99 5.38	0.88 -0.94 4.92	0.22 -3.10 18.83	0.61 -2.69 15.91	0.45 -3.50 20.69	21.94 -3.31 0.01	21.99 -3.17 0.00	19.27 -2.96 -0.14	20.01 -2.90 -0.11	21.41 -2.85 -0.11	21.45 -2.47 -0.37	25.64 -2.61 -0.54	28.01 -2.58 -0.19	26.54 -2.50 0.00	25.07 -1.71 0.00	23.41 -1.52 0.00	24.22 -1.44 0.00	22.96 -1.16 0.00
FAR ROCKAWAY___4 23548	26.32 0.69 -17.05	24.44 0.64 -15.63	24.55 0.38 -19.04	24.32 0.40 -18.70	25.22 0.39 -19.53	27.91 0.50 -21.27	39.18 0.57 -31.52	39.93 0.49 -32.70	33.14 1.86 -9.14	31.21 1.71 -10.29	29.12 2.27 -2.21	27.51 2.25 0.00	27.52 2.36 0.00	29.66 2.10 -5.47	32.98 2.21 -7.97	35.89 2.44 -9.31	41.65 2.35 -15.75	51.53 2.69 -21.14	48.78 2.95 -15.42	39.61 2.85 -7.73	37.71 2.52 -8.42	34.25 2.22 -7.10	31.10 2.46 -2.99	26.37 2.19 -0.06
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	26.12 0.48 -17.05	24.25 0.44 -15.63	24.43 0.26 -19.04	24.20 0.27 -18.71	25.09 0.26 -19.54	27.41 0.34 -20.93	39.03 0.40 -31.53	39.83 0.38 -32.71	32.64 1.35 -9.14	29.63 1.31 -9.11	27.75 1.75 -1.36	27.05 1.79 0.00	26.99 1.84 0.00	27.77 1.63 -4.04	27.35 1.71 -2.83	29.00 1.84 -3.01	35.07 1.77 -9.76	43.85 1.94 -14.21	37.51 2.16 -4.94	31.13 2.09 0.00	28.60 1.82 0.00	26.50 1.57 0.00	27.24 1.59 0.00	25.49 1.37 0.00

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	26.12 0.48 -17.05	24.25 0.44 -15.63	24.43 0.26 -19.04	24.20 0.27 -18.71	25.10 0.27 -19.54	27.41 0.34 -20.93	39.03 0.40 -31.53	39.83 0.38 -32.71	32.64 1.35 -9.14	29.63 1.31 -9.11	27.75 1.75 -1.36	27.05 1.79 0.00	26.99 1.84 0.00	27.77 1.63 -4.04	27.35 1.71 -2.83	29.00 1.84 -3.01	35.07 1.77 -9.76	43.85 1.94 -14.21	37.51 2.16 -4.94	31.13 2.09 0.00	28.60 1.82 0.00	26.50 1.57 0.00	27.24 1.59 0.00	25.49 1.37 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	26.12 0.48 -17.05	24.25 0.44 -15.63	24.43 0.26 -19.04	24.20 0.27 -18.71	25.09 0.26 -19.54	27.41 0.34 -20.93	39.02 0.40 -31.53	39.82 0.37 -32.71	32.64 1.35 -9.14	29.61 1.29 -9.11	27.75 1.75 -1.36	27.05 1.79 0.00	26.97 1.81 0.00	27.75 1.61 -4.04	27.32 1.69 -2.83	28.97 1.81 -3.01	35.05 1.74 -9.76	43.85 1.94 -14.21	37.51 2.16 -4.94	31.10 2.06 0.00	28.57 1.79 0.00	26.48 1.55 0.00	27.24 1.59 0.00	25.49 1.37 0.00
FARRAGUT___LBMP 323566	26.11 0.47 -17.05	24.24 0.43 -15.63	24.42 0.26 -19.04	24.20 0.27 -18.71	25.09 0.26 -19.54	27.41 0.33 -20.93	39.02 0.40 -31.53	39.81 0.36 -32.71	32.61 1.33 -9.14	29.59 1.27 -9.11	27.72 1.72 -1.36	27.03 1.77 0.00	26.97 1.81 0.00	27.73 1.59 -4.04	27.30 1.66 -2.83	28.97 1.81 -3.01	35.02 1.72 -9.76	43.83 1.91 -14.21	37.48 2.13 -4.94	31.07 2.03 0.00	28.57 1.79 0.00	26.48 1.55 0.00	27.22 1.56 0.00	25.46 1.35 0.00
FENNER___WINDPWR 24204	11.98 0.19 -3.21	11.28 0.18 -2.93	8.92 0.11 -3.69	8.96 0.12 -3.62	9.19 0.12 -3.78	10.32 0.14 -4.04	10.23 0.22 -2.92	10.01 0.22 -3.05	22.92 0.66 -0.11	19.96 0.52 -0.23	24.59 0.69 0.74	25.96 0.71 0.00	25.86 0.70 0.00	23.10 0.60 -0.41	23.85 0.48 -0.57	25.24 0.48 -0.61	26.00 0.50 -1.96	31.09 0.53 -2.86	32.07 0.67 -0.99	29.65 0.61 0.00	27.32 0.54 0.00	25.46 0.52 0.00	26.14 0.49 0.00	24.60 0.48 0.00
FIBERTEK___ENERGY 23856	12.01 0.06 -3.36	11.31 0.06 -3.08	8.98 0.04 -3.82	9.01 0.04 -3.75	9.25 0.04 -3.92	10.38 0.05 -4.19	13.51 0.06 -6.36	13.41 0.06 -6.61	23.85 0.16 -1.55	20.93 0.13 -1.59	24.69 0.12 0.08	25.41 0.15 0.00	25.28 0.13 0.00	23.03 0.11 -0.83	23.45 0.07 -0.58	24.84 0.07 -0.62	25.60 0.05 -2.00	30.65 0.03 -2.92	31.42 0.00 -1.01	29.07 0.03 0.00	26.70 -0.08 0.00	24.91 -0.02 0.00	25.57 -0.08 0.00	24.11 0.00 0.00
FITZPATRICK____ 23598	10.97 -0.17 -2.56	10.36 -0.16 -2.35	7.88 -0.10 -2.86	7.93 -0.10 -2.81	8.12 -0.11 -2.93	9.16 -0.12 -3.14	11.71 -0.12 -4.77	11.55 -0.13 -4.94	23.04 -0.49 -1.38	20.16 -0.42 -1.38	24.25 -0.59 -0.21	24.65 -0.61 0.00	24.53 -0.63 0.00	22.15 -0.55 -0.61	22.63 -0.59 -0.43	23.97 -0.63 -0.45	24.38 -0.63 -1.46	29.09 -0.75 -2.13	30.30 -0.85 -0.74	28.25 -0.78 0.00	26.00 -0.78 0.00	24.23 -0.70 0.00	24.96 -0.69 0.00	23.49 -0.63 0.00
FLOWRFLD_69_KV_BK1 356044	26.34 0.70 -17.05	24.47 0.67 -15.63	24.56 0.40 -19.04	24.34 0.42 -18.70	25.22 0.40 -19.53	27.94 0.53 -21.27	39.22 0.60 -31.52	39.98 0.54 -32.70	33.36 2.08 -9.14	31.38 1.88 -10.29	29.34 2.49 -2.21	27.71 2.45 0.00	27.72 2.57 0.00	29.84 2.28 -5.47	33.16 2.39 -7.97	37.47 2.51 -10.81	41.77 2.43 -15.80	51.75 2.91 -21.14	48.78 2.95 -15.42	39.90 2.99 -7.88	38.47 2.65 -9.03	34.52 2.34 -7.25	28.53 2.69 -0.19	26.48 2.36 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	26.23 0.46 -17.18	24.36 0.43 -15.75	24.57 0.26 -19.19	24.34 0.27 -18.85	25.24 0.26 -19.69	27.55 0.31 -21.09	39.22 0.36 -31.77	40.05 0.35 -32.96	32.59 1.24 -9.21	29.54 1.15 -9.18	27.54 1.53 -1.37	26.85 1.59 0.00	26.74 1.58 0.00	27.56 1.39 -4.08	27.14 1.48 -2.86	28.78 1.59 -3.04	34.91 1.53 -9.83	43.82 1.80 -14.32	37.30 1.92 -4.98	30.81 1.77 0.00	28.39 1.61 0.00	26.33 1.40 0.00	27.06 1.41 0.00	25.34 1.23 0.00
FORT ORANGE____ 23900	29.20 0.18 -20.44	27.09 0.17 -18.74	28.06 0.11 -22.83	27.75 0.10 -22.43	28.82 0.11 -23.42	31.37 0.13 -25.10	45.08 0.16 -37.83	46.13 0.14 -39.24	33.60 0.49 -10.96	30.53 0.38 -10.93	26.86 0.59 -1.63	25.89 0.63 0.00	25.79 0.63 0.00	27.54 0.60 -4.85	26.82 0.62 -3.40	28.36 0.60 -3.61	35.79 0.54 -11.70	45.44 0.69 -17.04	37.09 0.76 -5.93	29.68 0.64 0.00	27.50 0.72 0.00	25.56 0.62 0.00	26.16 0.51 0.00	24.52 0.41 0.00
FORT_DRUM_COGEN 23780	9.50 -0.03 -0.95	8.94 -0.03 -0.80	6.80 -0.02 -1.69	6.86 0.01 -1.63	7.00 0.01 -1.71	7.91 0.01 -1.76	10.21 0.04 -3.08	10.11 0.05 -3.31	20.14 0.07 2.08	17.59 -0.06 1.56	21.15 -0.12 3.37	25.06 -0.20 0.00	24.96 -0.20 0.00	22.45 -0.18 -0.54	23.00 -0.18 -0.38	24.33 -0.22 -0.40	24.77 -0.07 -1.30	29.65 0.06 -1.89	31.43 0.36 -0.66	29.18 0.15 0.00	27.05 0.27 0.00	25.18 0.25 0.00	25.75 0.10 0.00	24.16 0.05 0.00
FOX_HILLS___ESR 323835	26.23 0.59 -17.05	24.34 0.53 -15.64	24.48 0.32 -19.04	24.25 0.32 -18.71	25.14 0.31 -19.54	27.45 0.37 -20.94	39.01 0.38 -31.53	39.80 0.35 -32.71	32.61 1.33 -9.14	29.61 1.29 -9.11	27.75 1.75 -1.36	27.08 1.82 0.00	27.02 1.86 0.00	27.77 1.63 -4.05	27.35 1.71 -2.83	29.00 1.84 -3.01	35.09 1.79 -9.76	43.97 2.05 -14.21	37.57 2.22 -4.94	31.19 2.22 0.00	28.57 1.79 0.00	26.53 1.60 0.00	27.34 1.69 0.00	25.68 1.57 0.00
FPL_FAR_ROCK_GT1 24212	26.32 0.69 -17.05	24.44 0.64 -15.63	24.55 0.38 -19.04	24.32 0.40 -18.70	25.22 0.39 -19.53	27.92 0.50 -21.28	39.22 0.57 -31.56	39.97 0.49 -32.74	33.13 1.84 -9.15	31.22 1.71 -10.30	29.12 2.27 -2.21	27.51 2.25 0.00	27.52 2.36 0.00	29.64 2.08 -5.47	32.96 2.19 -7.97	35.89 2.44 -9.31	41.63 2.33 -15.75	51.50 2.66 -21.14	48.78 2.95 -15.42	39.58 2.82 -7.73	37.71 2.52 -8.42	34.32 2.29 -7.10	31.12 2.49 -2.98	26.36 2.19 -0.05
FPL_FAR_ROCK_GT2 23815	26.32 0.69 -17.05	24.44 0.64 -15.63	24.55 0.38 -19.04	24.32 0.40 -18.70	25.22 0.39 -19.53	27.92 0.50 -21.28	39.22 0.57 -31.56	39.97 0.49 -32.74	33.13 1.84 -9.15	31.22 1.71 -10.30	29.12 2.27 -2.21	27.51 2.25 0.00	27.52 2.36 0.00	29.64 2.08 -5.47	32.96 2.19 -7.97	35.89 2.44 -9.31	41.63 2.33 -15.75	51.50 2.66 -21.14	48.78 2.95 -15.42	39.58 2.82 -7.73	37.71 2.52 -8.42	34.32 2.29 -7.10	31.12 2.49 -2.98	26.36 2.19 -0.05
FRANKLIN_FALL_HYD 24054	1.02 -1.10 6.47	0.78 -1.06 6.33	0.63 -0.67 3.82	0.63 -0.68 3.92	0.53 -0.70 4.06	0.60 -0.80 4.74	1.41 -0.92 4.76	1.55 -0.88 4.31	1.69 -2.86 17.60	1.84 -2.52 14.85	1.95 -3.28 19.42	22.14 -3.11 0.01	22.19 -2.97 0.00	19.50 -2.76 -0.17	20.21 -2.71 -0.12	21.57 -2.70 -0.13	21.58 -2.38 -0.41	25.81 -2.49 -0.60	28.21 -2.40 -0.21	26.66 -2.38 0.00	25.15 -1.63 0.00	23.49 -1.45 0.00	24.27 -1.39 0.00	22.93 -1.18 0.00
FREEPORT_EQUS_GT1 23764	26.28 0.64 -17.05	24.40 0.60 -15.63	24.51 0.35 -19.04	24.30 0.37 -18.70	25.18 0.36 -19.53	27.89 0.47 -21.27	39.19 0.54 -31.56	39.95 0.47 -32.74	33.09 1.79 -9.15	31.17 1.65 -10.31	29.05 2.19 -2.22	27.43 2.17 0.00	27.43 2.27 0.00	29.56 1.99 -5.48	32.87 2.10 -7.97	35.70 2.25 -9.31	41.51 2.21 -15.75	51.42 2.58 -21.14	48.62 2.80 -15.42	39.41 2.64 -7.73	37.55 2.36 -8.42	34.18 2.14 -7.10	29.16 2.33 -1.17	26.18 2.05 -0.02

FREEPORT___CT2 23818	26.28 0.64 -17.05	24.40 0.60 -15.63	24.51 0.35 -19.04	24.30 0.37 -18.70	25.18 0.36 -19.53	27.89 0.47 -21.27	39.19 0.54 -31.56	39.95 0.47 -32.74	33.09 1.79 -9.15	31.17 1.65 -10.31	29.05 2.19 -2.22	27.43 2.17 0.00	27.43 2.27 0.00	29.56 1.99 -5.48	32.87 2.10 -7.97	35.70 2.25 -9.31	41.51 2.21 -15.75	51.42 2.58 -21.14	48.62 2.80 -15.42	39.41 2.64 -7.73	37.55 2.36 -8.42	34.18 2.14 -7.10	29.16 2.33 -1.17	26.18 2.05 -0.02
FRESHKLS_33_KV_LOAD 356253	26.27 0.64 -17.05	24.38 0.57 -15.64	24.50 0.34 -19.04	24.28 0.34 -18.71	25.16 0.33 -19.54	27.45 0.37 -20.94	38.97 0.35 -31.53	39.75 0.30 -32.71	32.44 1.15 -9.14	29.45 1.13 -9.11	27.55 1.55 -1.36	26.85 1.59 0.00	26.79 1.64 0.00	27.59 1.46 -4.05	27.16 1.53 -2.83	28.80 1.64 -3.01	34.93 1.62 -9.76	43.77 1.86 -14.21	37.36 2.01 -4.94	30.98 1.95 0.00	28.39 1.61 0.00	26.40 1.47 0.00	27.29 1.64 0.00	25.70 1.59 0.00
FULTON COGEN____ 23766	11.43 -0.04 -2.89	10.77 -0.04 -2.64	8.41 -0.03 -3.31	8.45 -0.03 -3.25	8.66 -0.03 -3.40	9.75 -0.02 -3.63	12.60 -0.02 -5.53	12.47 -0.02 -5.75	23.23 -0.11 -1.20	20.38 -0.10 -1.26	24.21 -0.20 0.24	25.08 -0.18 0.00	24.96 -0.20 0.00	22.62 -0.20 -0.73	23.08 -0.23 -0.51	24.42 -0.27 -0.54	25.04 -0.26 -1.76	29.91 -0.36 -2.56	30.90 -0.40 -0.89	28.69 -0.35 0.00	26.41 -0.37 0.00	24.61 -0.32 0.00	25.29 -0.36 0.00	23.80 -0.31 0.00
FULTON___LFGE 323630	33.70 0.55 -24.56	31.22 0.52 -22.52	32.88 0.32 -27.43	32.50 0.32 -26.95	33.78 0.34 -28.15	36.73 0.43 -30.16	53.15 0.59 -45.47	54.49 0.59 -47.17	37.25 1.93 -13.18	33.92 1.58 -13.14	28.54 1.95 -1.96	27.15 1.90 0.00	27.14 1.99 0.00	29.80 1.88 -5.83	28.71 1.82 -4.08	30.61 2.13 -4.34	39.65 2.05 -14.06	50.23 2.05 -20.48	39.99 2.46 -7.12	31.22 2.18 0.00	28.79 2.01 0.00	26.78 1.84 0.00	27.37 1.72 0.00	25.49 1.37 0.00
G.F.CEMENT___DRP 24184	30.30 0.55 -21.17	28.10 0.51 -19.41	29.09 0.32 -23.64	28.77 0.32 -23.23	29.88 0.33 -24.26	32.54 0.41 -25.99	46.76 0.52 -39.15	47.84 0.49 -40.61	35.06 1.57 -11.35	31.79 1.27 -11.31	27.98 1.65 -1.68	26.82 1.57 0.00	26.77 1.61 0.00	28.62 1.50 -5.02	27.85 1.53 -3.52	29.46 1.57 -3.74	37.16 1.48 -12.13	47.15 1.77 -17.67	38.41 1.85 -6.15	30.69 1.66 0.00	28.33 1.55 0.00	26.20 1.27 0.00	27.14 1.49 0.00	25.51 1.40 0.00
GARDENVILLE___LBMP 24039	13.10 -0.12 -4.63	12.34 -0.08 -4.25	10.23 -0.07 -5.18	10.23 -0.08 -5.08	10.53 -0.07 -5.31	11.73 -0.10 -5.69	15.48 -0.18 -8.57	15.45 -0.18 -8.89	23.72 -0.91 -2.48	20.88 -0.81 -2.48	23.88 -1.13 -0.37	24.45 -0.81 0.00	24.38 -0.78 0.00	22.59 -0.60 -1.10	22.89 -0.68 -0.77	24.24 -0.72 -0.82	25.38 -0.82 -2.66	30.56 -1.03 -3.87	30.54 -1.22 -1.35	28.57 -0.46 0.00	26.03 -0.75 0.00	24.31 -0.62 0.00	25.06 -0.59 0.00	24.02 -0.10 0.00
GARDNVLA_35_KV_LD 355827	13.14 -0.08 -4.63	12.38 -0.04 -4.25	10.25 -0.05 -5.18	10.25 -0.06 -5.09	10.55 -0.05 -5.31	11.76 -0.07 -5.69	15.51 -0.14 -8.57	15.48 -0.15 -8.89	23.83 -0.80 -2.48	20.97 -0.71 -2.48	24.02 -0.99 -0.37	24.63 -0.63 0.00	24.53 -0.63 0.00	22.73 -0.46 -1.10	23.03 -0.55 -0.77	24.36 -0.60 -0.82	25.50 -0.71 -2.66	30.70 -0.89 -3.88	30.69 -1.06 -1.35	28.72 -0.32 0.00	26.16 -0.62 0.00	24.43 -0.50 0.00	25.19 -0.46 0.00	24.14 0.02 0.00
GELCKHM___115KV_LOAD 80723	11.79 0.00 -3.20	11.10 0.00 -2.93	8.77 0.00 -3.65	8.80 -0.01 -3.58	9.03 0.00 -3.74	10.14 0.00 -4.00	13.17 0.01 -6.07	13.06 0.01 -6.31	23.56 -0.02 -1.44	20.68 -0.02 -1.49	24.45 -0.07 0.12	25.18 -0.08 0.00	25.06 -0.10 0.00	22.82 -0.07 -0.79	23.24 -0.11 -0.56	24.62 -0.12 -0.59	25.32 -0.14 -1.92	30.33 -0.17 -2.79	31.13 -0.24 -0.97	28.83 -0.20 0.00	26.51 -0.27 0.00	24.73 -0.20 0.00	25.39 -0.26 0.00	23.94 -0.17 0.00
GENERAL___MILLS 23808	13.12 -0.09 -4.63	12.36 -0.06 -4.25	10.24 -0.06 -5.18	10.24 -0.07 -5.08	10.54 -0.06 -5.31	11.75 -0.09 -5.69	15.50 -0.16 -8.57	15.47 -0.16 -8.89	23.79 -0.84 -2.48	20.94 -0.75 -2.48	23.95 -1.06 -0.37	24.55 -0.71 0.00	24.48 -0.68 0.00	22.66 -0.53 -1.10	22.96 -0.62 -0.77	24.29 -0.68 -0.82	25.45 -0.75 -2.66	30.64 -0.94 -3.88	30.60 -1.16 -1.35	28.66 -0.38 0.00	26.11 -0.67 0.00	24.38 -0.55 0.00	25.14 -0.51 0.00	24.09 -0.02 0.00
GE_PLASTICS___DRP 24183	29.22 0.16 -20.47	27.10 0.16 -18.77	28.09 0.10 -22.87	27.79 0.10 -22.46	28.85 0.10 -23.46	31.40 0.12 -25.14	45.08 0.13 -37.86	46.14 0.12 -39.28	33.54 0.42 -10.97	30.52 0.36 -10.94	26.81 0.54 -1.63	25.84 0.58 0.00	25.74 0.58 0.00	27.46 0.51 -4.86	26.78 0.57 -3.40	28.32 0.56 -3.62	35.80 0.54 -11.71	45.42 0.66 -17.05	37.07 0.73 -5.93	29.68 0.64 0.00	27.45 0.67 0.00	25.48 0.55 0.00	26.16 0.51 0.00	24.52 0.41 0.00
GILBOA___1 23756	25.86 0.23 -17.05	24.02 0.22 -15.63	24.31 0.15 -19.04	24.09 0.16 -18.70	24.98 0.16 -19.53	27.21 0.14 -20.93	38.82 0.16 -31.57	39.64 0.16 -32.74	31.83 0.53 -9.15	28.81 0.48 -9.12	26.66 0.67 -1.36	25.94 0.68 0.00	25.86 0.70 0.00	26.76 0.62 -4.05	26.30 0.66 -2.83	27.86 0.70 -3.01	33.98 0.68 -9.75	42.69 0.77 -14.21	36.20 0.85 -4.94	29.85 0.81 0.00	27.53 0.75 0.00	25.58 0.65 0.00	26.29 0.64 0.00	24.67 0.56 0.00
GILBOA___2 23757	25.86 0.23 -17.05	24.02 0.22 -15.63	24.31 0.15 -19.04	24.09 0.16 -18.70	24.98 0.16 -19.53	27.21 0.14 -20.93	38.82 0.16 -31.57	39.64 0.16 -32.74	31.83 0.53 -9.15	28.81 0.48 -9.12	26.66 0.67 -1.36	25.94 0.68 0.00	25.86 0.70 0.00	26.76 0.62 -4.05	26.30 0.66 -2.83	27.86 0.70 -3.01	33.98 0.68 -9.75	42.69 0.77 -14.21	36.20 0.85 -4.94	29.85 0.81 0.00	27.53 0.75 0.00	25.58 0.65 0.00	26.29 0.64 0.00	24.67 0.56 0.00
GILBOA___3 23758	25.86 0.23 -17.05	24.02 0.22 -15.63	24.31 0.15 -19.04	24.09 0.16 -18.70	24.98 0.16 -19.53	27.21 0.14 -20.93	38.82 0.16 -31.57	39.64 0.16 -32.74	31.83 0.53 -9.15	28.81 0.48 -9.12	26.66 0.67 -1.36	25.94 0.68 0.00	25.86 0.70 0.00	26.76 0.62 -4.05	26.30 0.66 -2.83	27.86 0.70 -3.01	33.98 0.68 -9.75	42.69 0.77 -14.21	36.20 0.85 -4.94	29.85 0.81 0.00	27.53 0.75 0.00	25.58 0.65 0.00	26.29 0.64 0.00	24.67 0.56 0.00
GILBOA___4 23759	25.86 0.23 -17.05	24.02 0.22 -15.63	24.31 0.15 -19.04	24.09 0.16 -18.70	24.98 0.16 -19.53	27.21 0.14 -20.93	38.82 0.16 -31.57	39.64 0.16 -32.74	31.83 0.53 -9.15	28.81 0.48 -9.12	26.66 0.67 -1.36	25.94 0.68 0.00	25.86 0.70 0.00	26.76 0.62 -4.05	26.30 0.66 -2.83	27.86 0.70 -3.01	33.98 0.68 -9.75	42.69 0.77 -14.21	36.20 0.85 -4.94	29.85 0.81 0.00	27.53 0.75 0.00	25.58 0.65 0.00	26.29 0.64 0.00	24.67 0.56 0.00
GILBOA____ 23599	25.86 0.23 -17.05	24.02 0.22 -15.63	24.31 0.15 -19.04	24.09 0.16 -18.70	24.98 0.16 -19.53	27.21 0.14 -20.93	38.78 0.16 -31.52	39.60 0.16 -32.70	31.81 0.53 -9.14	28.80 0.48 -9.11	26.66 0.67 -1.36	25.94 0.68 0.00	25.86 0.70 0.00	26.75 0.62 -4.04	26.30 0.66 -2.83	27.86 0.70 -3.01	33.98 0.68 -9.75	42.69 0.78 -14.21	36.20 0.85 -4.94	29.85 0.81 0.00	27.50 0.72 0.00	25.56 0.62 0.00	26.29 0.64 0.00	24.67 0.55 0.00

GINNA____ 23603	12.07 -0.38 -3.86	11.36 -0.35 -3.54	9.22 -0.21 -4.31	9.23 -0.23 -4.24	9.49 -0.23 -4.43	10.63 -0.26 -4.74	13.98 -0.32 -7.21	13.93 -0.30 -7.48	23.15 -1.08 -2.09	20.33 -0.96 -2.08	23.67 -1.28 -0.31	23.89 -1.36 0.00	23.77 -1.38 0.00	21.80 -1.22 -0.93	22.33 -1.12 -0.64	23.65 -1.18 -0.68	24.58 -1.18 -2.21	29.43 -1.50 -3.22	29.80 -1.73 -1.12	27.38 -1.65 0.00	25.12 -1.66 0.00	23.41 -1.52 0.00	24.04 -1.62 0.00	22.76 -1.35 0.00
GLEN PARK____ 23778	9.59 0.00 -1.00	9.03 0.01 -0.85	6.86 0.01 -1.73	6.93 0.04 -1.67	7.07 0.03 -1.75	7.98 0.04 -1.81	10.25 0.09 -3.07	10.13 0.09 -3.30	20.31 0.18 2.01	17.70 0.02 1.53	21.31 -0.02 3.31	25.16 -0.10 0.00	25.06 -0.10 0.00	22.54 -0.09 -0.53	23.07 -0.11 -0.38	24.43 -0.12 -0.40	24.90 0.05 -1.31	29.78 0.17 -1.91	31.59 0.52 -0.66	29.33 0.29 0.00	27.18 0.40 0.00	25.28 0.35 0.00	25.88 0.23 0.00	24.28 0.17 0.00
GLENDALDE_27_KV_LOAD 356172	26.19 0.55 -17.05	24.31 0.51 -15.64	24.47 0.30 -19.04	24.24 0.31 -18.71	25.13 0.30 -19.54	27.45 0.37 -20.94	39.03 0.40 -31.53	39.84 0.38 -32.71	32.70 1.42 -9.14	29.69 1.36 -9.11	27.85 1.85 -1.36	27.18 1.92 0.00	27.09 1.94 0.00	27.84 1.70 -4.05	27.42 1.78 -2.83	29.07 1.91 -3.01	35.14 1.84 -9.76	43.99 2.08 -14.21	37.63 2.28 -4.94	31.24 2.21 0.00	28.66 1.87 0.00	26.58 1.65 0.00	27.37 1.72 0.00	25.66 1.54 0.00
GLENWOOD_IC_1_G5 23712	26.25 0.62 -17.05	24.37 0.57 -15.63	24.50 0.34 -19.04	24.28 0.36 -18.70	25.17 0.35 -19.53	27.87 0.45 -21.27	39.13 0.52 -31.52	39.90 0.46 -32.70	33.03 1.75 -9.14	31.11 1.61 -10.29	29.00 2.14 -2.21	27.41 2.15 0.00	27.40 2.24 0.00	29.55 1.99 -5.47	32.85 2.08 -7.97	35.70 2.25 -9.31	41.46 2.17 -15.75	51.36 2.52 -21.14	48.53 2.71 -15.42	39.35 2.58 -7.73	37.50 2.30 -8.42	34.05 2.02 -7.10	28.39 1.95 -0.79	25.82 1.69 -0.02
GLENWOOD_IC_2_G1 23688	26.22 0.59 -17.05	24.36 0.56 -15.63	24.49 0.33 -19.04	24.27 0.34 -18.70	25.16 0.33 -19.53	27.85 0.44 -21.27	39.15 0.50 -31.56	39.92 0.44 -32.74	32.98 1.68 -9.15	31.05 1.54 -10.31	28.93 2.07 -2.22	27.33 2.07 0.00	27.30 2.14 0.00	29.45 1.88 -5.48	32.76 1.98 -7.97	35.60 2.15 -9.31	41.37 2.07 -15.75	51.25 2.41 -21.14	48.44 2.62 -15.42	39.26 2.50 -7.73	37.42 2.22 -8.42	34.03 2.00 -7.10	27.80 1.77 -0.38	25.63 1.52 0.00
GLENWOOD_IC_3_G1 23689	26.22 0.59 -17.05	24.36 0.56 -15.63	24.49 0.33 -19.04	24.27 0.34 -18.70	25.16 0.33 -19.53	27.85 0.44 -21.27	39.15 0.50 -31.56	39.92 0.44 -32.74	32.98 1.68 -9.15	31.05 1.54 -10.31	28.93 2.07 -2.22	27.33 2.07 0.00	27.30 2.14 0.00	29.45 1.88 -5.48	32.76 1.98 -7.97	35.60 2.15 -9.31	41.37 2.07 -15.75	51.25 2.41 -21.14	48.44 2.62 -15.42	39.26 2.50 -7.73	37.42 2.22 -8.42	34.03 2.00 -7.10	27.80 1.77 -0.38	25.63 1.52 0.00
GLENWOOD____4 23550	26.25 0.62 -17.05	24.37 0.57 -15.63	24.50 0.34 -19.04	24.28 0.36 -18.70	25.17 0.35 -19.53	27.87 0.45 -21.27	39.13 0.52 -31.52	39.90 0.46 -32.70	33.03 1.75 -9.14	31.11 1.61 -10.29	29.00 2.14 -2.21	27.41 2.15 0.00	27.40 2.24 0.00	29.55 1.99 -5.47	32.85 2.08 -7.97	35.70 2.25 -9.31	41.46 2.17 -15.75	51.36 2.52 -21.14	48.53 2.71 -15.42	39.35 2.58 -7.73	37.50 2.30 -8.42	34.05 2.02 -7.10	28.39 1.95 -0.79	25.82 1.69 -0.02
GLENWOOD____5 23614	26.25 0.62 -17.05	24.37 0.57 -15.63	24.50 0.34 -19.04	24.28 0.36 -18.70	25.17 0.35 -19.53	27.87 0.45 -21.27	39.13 0.52 -31.52	39.90 0.46 -32.70	33.03 1.75 -9.14	31.11 1.61 -10.29	29.00 2.14 -2.21	27.41 2.15 0.00	27.40 2.24 0.00	29.55 1.99 -5.47	32.85 2.08 -7.97	35.70 2.25 -9.31	41.46 2.17 -15.75	51.36 2.52 -21.14	48.53 2.71 -15.42	39.35 2.58 -7.73	37.50 2.30 -8.42	34.05 2.02 -7.10	28.39 1.95 -0.79	25.82 1.69 -0.02
GLOBAL GREEN_PORT_GT1 23814	26.60 0.97 -17.05	24.73 0.93 -15.63	24.72 0.56 -19.04	24.51 0.58 -18.70	25.39 0.57 -19.53	28.15 0.73 -21.27	39.52 0.86 -31.56	40.26 0.78 -32.74	34.13 2.84 -9.15	32.03 2.52 -10.31	30.14 3.28 -2.22	28.54 3.28 0.00	28.58 3.42 0.00	30.58 3.00 -5.48	33.97 3.19 -7.97	38.12 3.41 -10.57	42.85 3.51 -15.79	53.03 4.18 -21.14	50.30 4.47 -15.42	41.16 4.27 -7.85	39.38 3.67 -8.93	35.52 3.36 -7.22	29.41 3.59 -0.17	27.27 3.16 0.00
GLOBE____DSASP 323697	12.72 -0.30 -4.44	12.02 -0.22 -4.07	9.94 -0.14 -4.96	9.94 -0.15 -4.87	10.22 -0.16 -5.09	11.37 -0.23 -5.45	14.88 -0.37 -8.16	14.84 -0.37 -8.47	23.04 -1.48 -2.38	20.26 -1.33 -2.37	23.25 -1.75 -0.35	23.54 -1.72 0.00	23.45 -1.71 0.00	21.95 -1.19 -1.05	22.24 -1.30 -0.74	23.53 -1.40 -0.78	24.56 -1.53 -2.55	29.45 -1.97 -3.71	29.48 -2.22 -1.29	27.32 -1.71 0.00	24.91 -1.87 0.00	23.31 -1.62 0.00	24.06 -1.59 0.00	23.08 -1.04 0.00
GOETHSLN____LBMP 323567	26.07 0.44 -17.05	24.21 0.40 -15.63	24.40 0.24 -19.04	24.18 0.25 -18.71	25.07 0.24 -19.54	27.39 0.31 -20.93	39.00 0.38 -31.53	39.79 0.34 -32.71	32.52 1.24 -9.14	29.55 1.23 -9.11	27.65 1.65 -1.36	26.95 1.69 0.00	26.89 1.74 0.00	27.68 1.55 -4.04	27.26 1.62 -2.83	28.90 1.74 -3.01	34.93 1.62 -9.76	43.69 1.77 -14.21	37.36 2.01 -4.94	30.98 1.95 0.00	28.49 1.71 0.00	26.40 1.47 0.00	27.14 1.49 0.00	25.39 1.28 0.00
GOLAH____69_KV_TB 1_2 80279	12.76 0.15 -4.03	12.02 0.16 -3.69	9.72 0.10 -4.50	9.72 0.08 -4.42	10.00 0.09 -4.62	11.20 0.12 -4.95	14.63 0.10 -7.45	14.54 0.07 -7.72	24.33 0.02 -2.16	21.34 -0.02 -2.15	24.84 -0.12 -0.32	25.28 0.03 0.00	25.13 -0.03 0.00	23.18 0.13 -0.96	23.49 0.02 -0.67	24.81 -0.05 -0.71	25.71 -0.14 -2.31	31.26 0.19 -3.36	31.36 -0.21 -1.17	28.66 -0.38 0.00	26.22 -0.56 0.00	24.51 -0.42 0.00	25.21 -0.44 0.00	23.99 -0.12 0.00
GOODYEAR_LAKE_HYD 323669	15.10 0.35 -6.16	14.16 0.34 -5.65	12.22 0.22 -6.88	12.22 0.23 -6.76	12.58 0.23 -7.06	13.96 0.25 -7.57	18.80 0.31 -11.40	18.87 0.30 -11.82	26.42 0.97 -3.30	23.33 0.83 -3.29	26.27 1.13 -0.49	26.42 1.16 0.00	26.34 1.18 0.00	24.59 1.04 -1.46	24.88 1.05 -1.02	26.35 1.11 -1.09	28.13 1.06 -3.53	34.09 1.25 -5.14	33.59 1.40 -1.79	30.31 1.28 0.00	27.93 1.15 0.00	26.00 1.07 0.00	26.73 1.08 0.00	25.08 0.96 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	16.13 0.15 -7.40	15.10 0.14 -6.79	13.47 0.09 -8.26	13.43 0.09 -8.12	13.86 0.09 -8.48	15.33 0.10 -9.09	20.90 0.12 -13.68	21.04 0.11 -14.20	26.36 0.24 -3.97	23.37 0.21 -3.95	25.48 0.25 -0.59	25.64 0.38 0.00	25.51 0.35 0.00	24.16 0.31 -1.76	24.31 0.27 -1.23	25.77 0.31 -1.31	28.09 0.31 -4.23	34.23 0.36 -6.17	32.92 0.36 -2.14	29.53 0.49 0.00	27.10 0.32 0.00	25.26 0.32 0.00	25.96 0.31 0.00	24.52 0.41 0.00
GOUDEY____7 23579	16.14 0.15 -7.40	15.10 0.15 -6.79	13.48 0.09 -8.26	13.44 0.09 -8.12	13.87 0.10 -8.48	15.33 0.10 -9.09	20.90 0.13 -13.68	21.05 0.11 -14.20	26.40 0.29 -3.97	23.39 0.23 -3.95	25.50 0.27 -0.59	25.66 0.40 0.00	25.53 0.38 0.00	24.18 0.33 -1.76	24.35 0.32 -1.23	25.82 0.36 -1.31	28.11 0.33 -4.23	34.26 0.39 -6.17	32.95 0.40 -2.14	29.56 0.52 0.00	27.13 0.35 0.00	25.28 0.35 0.00	25.98 0.33 0.00	24.55 0.43 0.00

GOUDEY___8 23580	16.13 0.15 -7.40	15.10 0.14 -6.79	13.47 0.09 -8.26	13.43 0.09 -8.12	13.86 0.09 -8.48	15.33 0.10 -9.09	20.90 0.12 -13.68	21.04 0.11 -14.20	26.36 0.24 -3.97	23.37 0.21 -3.95	25.48 0.25 -0.59	25.64 0.38 0.00	25.51 0.35 0.00	24.16 0.31 -1.76	24.31 0.27 -1.23	25.77 0.31 -1.31	28.09 0.31 -4.23	34.23 0.36 -6.17	32.92 0.36 -2.14	29.53 0.49 0.00	27.10 0.32 0.00	25.26 0.32 0.00	25.96 0.31 0.00	24.52 0.41 0.00
GOWANUS_GT1_1 24077	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.01 0.38 -31.53	39.81 0.36 -32.71	32.61 1.33 -9.14	29.63 1.31 -9.11	27.77 1.77 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.79 1.66 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.53 1.60 0.00	27.34 1.69 0.00	25.66 1.54 0.00
GOWANUS_GT1_2 24078	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.01 0.38 -31.53	39.81 0.36 -32.71	32.61 1.33 -9.14	29.63 1.31 -9.11	27.77 1.77 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.79 1.66 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.53 1.60 0.00	27.34 1.69 0.00	25.66 1.54 0.00
GOWANUS_GT1_3 24079	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.01 0.38 -31.53	39.81 0.36 -32.71	32.61 1.33 -9.14	29.63 1.31 -9.11	27.77 1.77 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.79 1.66 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.53 1.60 0.00	27.34 1.69 0.00	25.66 1.54 0.00
GOWANUS_GT1_4 24080	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.01 0.38 -31.53	39.81 0.36 -32.71	32.61 1.33 -9.14	29.63 1.31 -9.11	27.77 1.77 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.79 1.66 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.53 1.60 0.00	27.34 1.69 0.00	25.66 1.54 0.00
GOWANUS_GT1_5 24084	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.01 0.38 -31.53	39.81 0.36 -32.71	32.61 1.33 -9.14	29.63 1.31 -9.11	27.77 1.77 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.79 1.66 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.53 1.60 0.00	27.34 1.69 0.00	25.66 1.54 0.00
GOWANUS_GT1_6 24111	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.01 0.38 -31.53	39.81 0.36 -32.71	32.61 1.33 -9.14	29.63 1.31 -9.11	27.77 1.77 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.79 1.66 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.53 1.60 0.00	27.34 1.69 0.00	25.66 1.54 0.00
GOWANUS_GT1_7 24112	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.01 0.38 -31.53	39.81 0.36 -32.71	32.61 1.33 -9.14	29.63 1.31 -9.11	27.77 1.77 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.79 1.66 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.53 1.60 0.00	27.34 1.69 0.00	25.66 1.54 0.00
GOWANUS_GT1_8 24113	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.01 0.38 -31.53	39.81 0.36 -32.71	32.61 1.33 -9.14	29.63 1.31 -9.11	27.77 1.77 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.79 1.66 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.53 1.60 0.00	27.34 1.69 0.00	25.66 1.54 0.00
GOWANUS_GT2_1 24114	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.04 0.38 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.64 1.31 -9.12	27.77 1.78 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.75 1.61 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.60 1.67 0.00	27.34 1.69 0.00	25.66 1.54 0.00
GOWANUS_GT2_2 24115	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.04 0.38 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.64 1.31 -9.12	27.77 1.78 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.75 1.61 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.60 1.67 0.00	27.34 1.69 0.00	25.66 1.54 0.00
GOWANUS_GT2_3 24116	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.04 0.38 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.64 1.31 -9.12	27.77 1.78 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.75 1.61 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.60 1.67 0.00	27.34 1.69 0.00	25.66 1.54 0.00
GOWANUS_GT2_4 24117	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.04 0.38 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.64 1.31 -9.12	27.77 1.78 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.75 1.61 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.60 1.67 0.00	27.34 1.69 0.00	25.66 1.54 0.00
GOWANUS_GT2_5 24118	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.04 0.38 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.64 1.31 -9.12	27.77 1.78 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.75 1.61 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.60 1.67 0.00	27.34 1.69 0.00	25.66 1.54 0.00
GOWANUS_GT2_6 24119	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.04 0.38 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.64 1.31 -9.12	27.77 1.78 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.75 1.61 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.60 1.67 0.00	27.34 1.69 0.00	25.66 1.54 0.00

GOWANUS_GT2_7 24120	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.04 0.38 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.64 1.31 -9.12	27.77 1.78 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.75 1.61 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.60 1.67 0.00	27.34 1.69 0.00	25.66 1.54 0.00
GOWANUS_GT2_8 24121	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.04 0.38 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.64 1.31 -9.12	27.77 1.78 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.75 1.61 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.60 1.67 0.00	27.34 1.69 0.00	25.66 1.54 0.00
GOWANUS_GT3_1 24122	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.04 0.38 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.64 1.31 -9.12	27.77 1.78 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.75 1.61 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.60 1.67 0.00	27.34 1.69 0.00	25.66 1.54 0.00
GOWANUS_GT3_2 24123	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.04 0.38 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.64 1.31 -9.12	27.77 1.78 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.75 1.61 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.60 1.67 0.00	27.34 1.69 0.00	25.66 1.54 0.00
GOWANUS_GT3_3 24124	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.04 0.38 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.64 1.31 -9.12	27.77 1.78 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.75 1.61 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.60 1.67 0.00	27.34 1.69 0.00	25.66 1.54 0.00
GOWANUS_GT3_4 24125	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.04 0.38 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.64 1.31 -9.12	27.77 1.78 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.75 1.61 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.60 1.67 0.00	27.34 1.69 0.00	25.66 1.54 0.00
GOWANUS_GT3_5 24126	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.04 0.38 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.64 1.31 -9.12	27.77 1.78 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.75 1.61 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.60 1.67 0.00	27.34 1.69 0.00	25.66 1.54 0.00
GOWANUS_GT3_6 24127	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.04 0.38 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.64 1.31 -9.12	27.77 1.78 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.75 1.61 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.60 1.67 0.00	27.34 1.69 0.00	25.66 1.54 0.00
GOWANUS_GT3_7 24128	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.04 0.38 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.64 1.31 -9.12	27.77 1.78 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.75 1.61 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.60 1.67 0.00	27.34 1.69 0.00	25.66 1.54 0.00
GOWANUS_GT3_8 24129	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.04 0.38 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.64 1.31 -9.12	27.77 1.78 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.75 1.61 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.60 1.67 0.00	27.34 1.69 0.00	25.66 1.54 0.00
GOWANUS_GT4_1 24130	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.01 0.38 -31.53	39.81 0.36 -32.71	32.61 1.33 -9.14	29.63 1.31 -9.11	27.77 1.77 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.79 1.66 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.53 1.60 0.00	27.34 1.69 0.00	25.66 1.54 0.00
GOWANUS_GT4_2 24131	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.01 0.38 -31.53	39.81 0.36 -32.71	32.61 1.33 -9.14	29.63 1.31 -9.11	27.77 1.77 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.79 1.66 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.53 1.60 0.00	27.34 1.69 0.00	25.66 1.54 0.00
GOWANUS_GT4_3 24132	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.01 0.38 -31.53	39.81 0.36 -32.71	32.61 1.33 -9.14	29.63 1.31 -9.11	27.77 1.77 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.79 1.66 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.53 1.60 0.00	27.34 1.69 0.00	25.66 1.54 0.00
GOWANUS_GT4_4 24133	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.01 0.38 -31.53	39.81 0.36 -32.71	32.61 1.33 -9.14	29.63 1.31 -9.11	27.77 1.77 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.79 1.66 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.53 1.60 0.00	27.34 1.69 0.00	25.66 1.54 0.00
GOWANUS_GT4_5 24134	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.01 0.38 -31.53	39.81 0.36 -32.71	32.61 1.33 -9.14	29.63 1.31 -9.11	27.77 1.77 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.79 1.66 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.53 1.60 0.00	27.34 1.69 0.00	25.66 1.54 0.00

GOWANUS_GT4_6 24135	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.01 0.38 -31.53	39.81 0.36 -32.71	32.61 1.33 -9.14	29.63 1.31 -9.11	27.77 1.77 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.79 1.66 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.53 1.60 0.00	27.34 1.69 0.00	25.66 1.54 0.00
GOWANUS_GT4_7 24136	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.01 0.38 -31.53	39.81 0.36 -32.71	32.61 1.33 -9.14	29.63 1.31 -9.11	27.77 1.77 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.79 1.66 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.53 1.60 0.00	27.34 1.69 0.00	25.66 1.54 0.00
GOWANUS_GT4_8 24137	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.01 0.38 -31.53	39.81 0.36 -32.71	32.61 1.33 -9.14	29.63 1.31 -9.11	27.77 1.77 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.79 1.66 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.53 1.60 0.00	27.34 1.69 0.00	25.66 1.54 0.00
GREENBSH_115KV_TB3 55895	29.24 0.11 -20.55	27.13 0.11 -18.84	28.14 0.07 -22.95	27.83 0.07 -22.54	28.90 0.07 -23.54	31.45 0.09 -25.23	45.18 0.09 -38.00	46.24 0.09 -39.41	33.47 0.31 -11.01	30.46 0.27 -10.98	26.72 0.44 -1.63	25.74 0.48 0.00	25.66 0.50 0.00	27.39 0.42 -4.87	26.72 0.50 -3.42	28.24 0.46 -3.63	35.71 0.42 -11.74	45.34 0.53 -17.10	36.93 0.58 -5.95	29.53 0.49 0.00	27.37 0.59 0.00	25.38 0.45 0.00	26.06 0.41 0.00	24.43 0.31 0.00
GREENDGE_115KV_TB5 80291	13.84 0.15 -5.10	12.99 0.15 -4.67	10.91 0.09 -5.69	10.91 0.09 -5.59	11.23 0.10 -5.84	12.53 0.13 -6.26	16.68 0.16 -9.43	16.67 0.15 -9.78	25.19 0.31 -2.73	22.14 0.21 -2.72	25.24 0.20 -0.41	25.59 0.33 0.00	25.43 0.28 0.00	23.61 0.31 -1.21	23.90 0.25 -0.85	25.41 0.36 -0.90	26.78 0.33 -2.91	32.33 0.39 -4.23	32.31 0.43 -1.47	29.65 0.61 0.00	27.10 0.32 0.00	25.26 0.32 0.00	25.91 0.26 0.00	24.55 0.43 0.00
GREENIDGE___3 23582	13.84 0.15 -5.10	12.99 0.15 -4.67	10.91 0.09 -5.69	10.91 0.09 -5.59	11.23 0.10 -5.84	12.53 0.13 -6.26	16.68 0.16 -9.43	16.67 0.15 -9.78	25.19 0.31 -2.73	22.14 0.21 -2.72	25.24 0.20 -0.41	25.59 0.33 0.00	25.43 0.28 0.00	23.61 0.31 -1.21	23.90 0.25 -0.85	25.41 0.36 -0.90	26.78 0.33 -2.91	32.33 0.39 -4.23	32.31 0.43 -1.47	29.65 0.61 0.00	27.10 0.32 0.00	25.26 0.32 0.00	25.91 0.26 0.00	24.55 0.43 0.00
GREENIDGE___4 23583	13.84 0.15 -5.10	12.99 0.15 -4.67	10.91 0.09 -5.69	10.91 0.09 -5.59	11.23 0.10 -5.84	12.53 0.13 -6.26	16.81 0.16 -9.56	16.81 0.15 -9.92	25.23 0.31 -2.77	22.18 0.21 -2.76	25.25 0.20 -0.41	25.59 0.33 0.00	25.43 0.28 0.00	23.56 0.24 -1.23	23.90 0.25 -0.85	25.41 0.36 -0.90	26.78 0.33 -2.91	32.33 0.39 -4.23	32.31 0.43 -1.47	29.65 0.61 0.00	27.13 0.35 0.00	25.28 0.35 0.00	25.91 0.26 0.00	24.55 0.43 0.00
GREENLWN_69_KV_BK 3 55738	26.24 0.61 -17.05	24.37 0.57 -15.63	24.50 0.34 -19.04	24.28 0.36 -18.70	25.17 0.34 -19.53	27.87 0.45 -21.27	39.07 0.45 -31.52	39.84 0.40 -32.70	33.05 1.77 -9.14	31.13 1.63 -10.29	29.02 2.17 -2.21	27.43 2.17 0.00	27.40 2.24 0.00	29.55 1.99 -5.47	32.85 2.08 -7.97	35.58 2.29 -9.14	41.24 1.95 -15.74	51.09 2.24 -21.14	48.26 2.43 -15.42	39.16 2.41 -7.71	37.51 2.38 -8.35	33.98 1.97 -7.08	28.22 2.36 -0.21	26.17 2.05 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.01 0.38 -31.53	39.81 0.36 -32.71	32.61 1.33 -9.14	29.63 1.31 -9.11	27.77 1.77 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.79 1.66 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.53 1.60 0.00	27.34 1.69 0.00	25.66 1.54 0.00
GRISSOM___SOLAR 323813	33.70 0.55 -24.56	31.22 0.52 -22.52	32.88 0.32 -27.43	32.50 0.32 -26.95	33.78 0.34 -28.15	36.73 0.43 -30.16	53.15 0.59 -45.47	54.49 0.59 -47.17	37.25 1.93 -13.18	33.92 1.58 -13.14	28.54 1.95 -1.96	27.15 1.90 0.00	27.14 1.99 0.00	29.80 1.88 -5.83	28.71 1.82 -4.08	30.61 2.13 -4.34	39.65 2.05 -14.06	50.23 2.05 -20.48	39.99 2.46 -7.12	31.22 2.18 0.00	28.79 2.01 0.00	26.78 1.84 0.00	27.37 1.72 0.00	25.49 1.37 0.00
GROVEVILLE___HYD 323602	26.23 0.46 -17.18	24.36 0.43 -15.75	24.57 0.26 -19.19	24.34 0.27 -18.85	25.24 0.26 -19.69	27.55 0.31 -21.09	39.22 0.36 -31.77	40.05 0.35 -32.96	32.59 1.24 -9.21	29.54 1.15 -9.18	27.54 1.53 -1.37	26.85 1.59 0.00	26.74 1.58 0.00	27.56 1.39 -4.08	27.14 1.48 -2.86	28.78 1.59 -3.04	34.91 1.53 -9.83	43.82 1.80 -14.32	37.30 1.92 -4.98	30.81 1.77 0.00	28.39 1.61 0.00	26.33 1.40 0.00	27.06 1.41 0.00	25.34 1.23 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	12.01 0.06 -3.36	11.31 0.06 -3.08	8.98 0.04 -3.82	9.01 0.04 -3.75	9.25 0.04 -3.92	10.38 0.05 -4.19	13.51 0.06 -6.36	13.41 0.06 -6.61	23.85 0.16 -1.55	20.93 0.13 -1.59	24.69 0.12 0.08	25.41 0.15 0.00	25.28 0.13 0.00	23.03 0.11 -0.83	23.45 0.07 -0.58	24.84 0.07 -0.62	25.60 0.05 -2.00	30.65 0.03 -2.92	31.42 0.00 -1.01	29.07 0.03 0.00	26.70 -0.08 0.00	24.91 -0.02 0.00	25.57 -0.08 0.00	24.11 0.00 0.00
HAMLTNNY_34_KV_TB 80303	12.27 0.08 -3.61	11.56 0.07 -3.31	9.20 0.05 -4.03	9.23 0.04 -3.96	9.48 0.05 -4.14	10.64 0.06 -4.43	13.85 0.08 -6.68	13.74 0.07 -6.93	24.28 0.20 -1.94	21.29 0.15 -1.93	25.08 0.15 -0.29	25.46 0.20 0.00	25.31 0.15 0.00	23.10 0.15 -0.86	23.52 0.11 -0.60	24.91 0.12 -0.64	25.71 0.09 -2.07	30.85 0.14 -3.01	31.51 0.06 -1.05	29.10 0.06 0.00	26.73 -0.05 0.00	24.93 0.00 0.00	25.60 -0.05 0.00	24.14 0.02 0.00
HAMPSHIRE___PAPER_HYD 323593	4.88 -0.62 3.08	4.52 -0.59 3.06	3.32 -0.37 1.43	3.37 -0.36 1.50	3.38 -0.36 1.55	3.83 -0.42 1.89	5.03 -0.47 1.59	5.02 -0.44 1.28	10.67 -1.42 10.06	9.43 -1.35 8.43	11.46 -1.75 11.44	23.54 -1.72 0.00	23.50 -1.66 0.00	20.83 -1.52 -0.26	21.49 -1.51 -0.19	22.81 -1.55 -0.21	22.90 -1.32 -0.67	27.27 -1.41 -0.97	29.47 -1.28 -0.34	27.64 -1.39 0.00	25.84 -0.94 0.00	24.06 -0.87 0.00	24.75 -0.90 0.00	23.29 -0.82 0.00
HARDSCRABBLE_WT_PWR 323673	9.31 0.20 -0.53	8.84 0.19 -0.48	5.82 0.11 -0.59	5.91 0.11 -0.58	6.00 0.11 -0.60	6.91 0.12 -0.65	8.09 0.16 -0.84	7.76 0.15 -0.87	22.88 0.49 -0.24	19.87 0.42 -0.24	25.27 0.59 -0.04	25.84 0.58 0.00	25.71 0.55 0.00	22.64 0.44 -0.11	23.23 0.34 -0.09	24.58 0.34 -0.09	24.20 0.35 -0.30	28.45 0.31 -0.44	31.14 0.58 -0.15	29.56 0.52 0.00	27.34 0.56 0.00	25.56 0.62 0.00	26.32 0.67 0.00	24.74 0.63 0.00

HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	25.15 0.43 -16.14	23.37 0.40 -14.80	23.39 0.24 -18.02	23.18 0.25 -17.71	24.03 0.24 -18.49	26.25 0.29 -19.82	37.28 0.35 -29.85	38.02 0.32 -30.96	31.95 1.15 -8.65	28.91 1.08 -8.63	27.38 1.45 -1.28	26.75 1.49 0.00	26.67 1.51 0.00	27.27 1.35 -3.83	26.90 1.41 -2.68	28.52 1.52 -2.85	34.24 1.46 -9.23	42.79 1.63 -13.45	36.91 1.82 -4.68	30.75 1.71 0.00	28.31 1.53 0.00	26.25 1.32 0.00	27.04 1.39 0.00	25.32 1.21 0.00
HARSNRAD_115KV_TB1 81005	12.90 -0.14 -4.45	12.16 -0.09 -4.08	10.02 -0.07 -4.97	10.02 -0.08 -4.88	10.31 -0.08 -5.10	11.49 -0.11 -5.46	15.10 -0.21 -8.22	15.06 -0.22 -8.53	23.53 -1.00 -2.38	20.68 -0.90 -2.38	23.76 -1.23 -0.35	24.15 -1.11 0.00	24.08 -1.08 0.00	22.44 -0.71 -1.06	22.74 -0.80 -0.74	24.09 -0.85 -0.79	25.13 -0.97 -2.55	30.15 -1.27 -3.72	30.24 -1.46 -1.29	28.05 -0.99 0.00	25.58 -1.21 0.00	23.89 -1.05 0.00	24.65 -1.00 0.00	23.61 -0.51 0.00
HARZA MOOSE__RIVER 24016	8.68 -0.02 -0.12	8.20 -0.02 -0.04	5.80 -0.01 -0.68	5.88 0.01 -0.64	5.97 0.01 -0.68	6.81 0.01 -0.66	8.50 0.03 -1.38	8.31 0.04 -1.53	19.98 0.09 2.25	17.41 0.00 1.80	21.60 0.02 3.07	25.26 0.00 0.00	25.18 0.03 0.00	22.42 0.02 -0.30	23.02 0.00 -0.21	24.37 0.00 -0.23	24.38 0.09 -0.73	28.86 0.08 -1.07	31.11 0.33 -0.37	29.21 0.17 0.00	27.08 0.29 0.00	25.21 0.27 0.00	25.86 0.21 0.00	24.31 0.19 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	11.77 0.01 -3.18	11.08 0.01 -2.90	8.75 0.01 -3.62	8.77 0.00 -3.55	9.00 0.01 -3.71	10.11 0.01 -3.97	13.13 0.01 -6.02	13.01 0.01 -6.26	23.56 0.00 -1.41	20.67 0.00 -1.47	24.46 -0.05 0.13	25.23 -0.03 0.00	25.11 -0.05 0.00	22.84 -0.04 -0.79	23.29 -0.07 -0.55	24.64 -0.10 -0.59	25.33 -0.12 -1.90	30.34 -0.14 -2.77	31.16 -0.21 -0.96	28.86 -0.17 0.00	26.54 -0.24 0.00	24.76 -0.17 0.00	25.42 -0.23 0.00	23.94 -0.17 0.00
HELLGATE_13_KV_LD 55870	26.17 0.53 -17.05	24.30 0.49 -15.64	24.46 0.29 -19.04	24.23 0.30 -18.71	25.12 0.29 -19.54	27.43 0.35 -20.94	38.99 0.36 -31.53	39.79 0.34 -32.71	32.57 1.28 -9.14	29.57 1.25 -9.11	27.72 1.72 -1.36	27.03 1.77 0.00	26.97 1.81 0.00	27.71 1.57 -4.05	27.28 1.64 -2.83	28.92 1.76 -3.01	35.00 1.70 -9.76	43.80 1.88 -14.21	37.42 2.07 -4.94	31.07 2.03 0.00	28.49 1.71 0.00	26.45 1.52 0.00	27.24 1.59 0.00	25.58 1.47 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	26.17 0.53 -17.05	24.30 0.49 -15.64	24.46 0.29 -19.04	24.23 0.30 -18.71	25.12 0.29 -19.54	27.43 0.35 -20.94	38.99 0.36 -31.53	39.79 0.34 -32.71	32.57 1.28 -9.14	29.57 1.25 -9.11	27.72 1.72 -1.36	27.03 1.77 0.00	26.97 1.81 0.00	27.71 1.57 -4.05	27.28 1.64 -2.83	28.92 1.76 -3.01	35.00 1.70 -9.76	43.80 1.88 -14.21	37.42 2.07 -4.94	31.07 2.03 0.00	28.49 1.71 0.00	26.45 1.52 0.00	27.24 1.59 0.00	25.58 1.47 0.00
HEMPSTEAD____ 23647	26.22 0.58 -17.05	24.34 0.54 -15.63	24.48 0.32 -19.04	24.26 0.33 -18.70	25.15 0.33 -19.53	27.85 0.43 -21.27	39.14 0.49 -31.56	39.91 0.43 -32.74	32.96 1.66 -9.15	31.05 1.54 -10.31	28.90 2.04 -2.22	27.30 2.05 0.00	27.27 2.11 0.00	29.43 1.86 -5.48	32.74 1.96 -7.97	35.55 2.10 -9.31	41.34 2.05 -15.75	51.25 2.41 -21.14	48.38 2.55 -15.42	39.21 2.44 -7.73	37.36 2.17 -8.42	34.00 1.97 -7.10	28.62 2.05 -0.92	25.91 1.78 -0.01
HEWLETT__69_KV_BK3 55828	26.28 0.65 -17.05	24.41 0.60 -15.63	24.52 0.36 -19.04	24.30 0.38 -18.70	25.19 0.37 -19.53	27.89 0.47 -21.27	39.15 0.54 -31.52	39.91 0.47 -32.70	33.03 1.75 -9.14	31.11 1.61 -10.29	29.02 2.17 -2.21	27.41 2.15 0.00	27.40 2.24 0.00	29.55 1.99 -5.47	32.87 2.10 -7.97	35.77 2.32 -9.31	41.51 2.21 -15.75	51.36 2.52 -21.14	48.60 2.77 -15.42	39.44 2.67 -7.73	37.58 2.38 -8.42	34.13 2.09 -7.10	31.00 2.36 -2.99	26.25 2.07 -0.06
HICKLING____1 23621	14.91 0.15 -6.18	13.98 0.14 -5.67	12.11 0.08 -6.90	12.08 0.07 -6.78	12.46 0.08 -7.08	13.83 0.10 -7.59	18.63 0.11 -11.43	18.68 0.08 -11.86	25.50 0.04 -3.31	22.51 0.00 -3.30	25.08 -0.05 -0.49	25.49 0.23 0.00	25.36 0.20 0.00	23.71 0.15 -1.47	23.92 0.09 -1.03	25.41 0.17 -1.09	27.22 0.14 -3.53	33.13 0.28 -5.14	32.35 0.15 -1.79	29.65 0.61 0.00	27.08 0.29 0.00	25.23 0.30 0.00	25.96 0.31 0.00	24.67 0.55 0.00
HICKLING____2 23622	14.91 0.15 -6.18	13.98 0.14 -5.67	12.11 0.08 -6.90	12.08 0.07 -6.78	12.46 0.08 -7.08	13.83 0.10 -7.59	18.63 0.11 -11.43	18.68 0.08 -11.86	25.50 0.04 -3.31	22.51 0.00 -3.30	25.08 -0.05 -0.49	25.49 0.23 0.00	25.36 0.20 0.00	23.71 0.15 -1.47	23.92 0.09 -1.03	25.41 0.17 -1.09	27.22 0.14 -3.53	33.13 0.28 -5.14	32.35 0.15 -1.79	29.65 0.61 0.00	27.08 0.29 0.00	25.23 0.30 0.00	25.96 0.31 0.00	24.67 0.55 0.00
HIGH FALLS____HY 23754	26.21 0.45 -17.18	24.34 0.42 -15.76	24.56 0.25 -19.19	24.34 0.26 -18.85	25.23 0.25 -19.69	27.53 0.29 -21.10	39.20 0.33 -31.78	40.03 0.32 -32.96	32.51 1.15 -9.21	29.49 1.09 -9.18	27.41 1.40 -1.37	26.72 1.46 0.00	26.39 1.23 0.00	27.25 1.08 -4.08	26.82 1.16 -2.86	28.46 1.28 -3.04	34.67 1.30 -9.83	43.49 1.47 -14.32	37.03 1.64 -4.98	30.55 1.51 0.00	28.33 1.55 0.00	26.30 1.37 0.00	27.09 1.44 0.00	25.34 1.23 0.00
HILLBURN____GT 23639	25.35 0.44 -16.33	23.55 0.41 -14.97	23.60 0.24 -18.24	23.39 0.25 -17.92	24.25 0.24 -18.71	26.50 0.31 -20.05	37.69 0.36 -30.24	38.44 0.34 -31.36	32.08 1.17 -8.76	29.04 1.09 -8.74	27.42 1.48 -1.30	26.77 1.52 0.00	26.72 1.56 0.00	27.32 1.35 -3.88	26.95 1.44 -2.71	28.60 1.57 -2.89	34.40 1.51 -9.34	42.92 1.61 -13.61	37.00 1.86 -4.73	30.81 1.77 0.00	28.33 1.55 0.00	26.35 1.42 0.00	27.06 1.41 0.00	25.34 1.23 0.00
HILLSIDE_115KV_TB1 80332	15.02 0.03 -6.40	14.08 0.04 -5.87	12.29 0.02 -7.14	12.26 0.02 -7.02	12.64 0.02 -7.33	14.01 0.02 -7.85	18.93 0.01 -11.83	19.00 -0.01 -12.27	25.31 -0.27 -3.43	22.36 -0.27 -3.42	24.78 -0.37 -0.51	25.18 -0.08 0.00	25.06 -0.10 0.00	23.48 -0.13 -1.52	23.66 -0.21 -1.06	25.13 -0.14 -1.13	27.04 -0.16 -3.66	32.84 -0.19 -5.33	31.99 -0.27 -1.85	29.24 0.20 0.00	26.73 -0.05 0.00	24.91 -0.02 0.00	25.63 -0.03 0.00	24.35 0.24 0.00
HISHELDN_WT_PWR 323625	13.34 -0.12 -4.88	12.55 -0.09 -4.47	10.50 -0.07 -5.45	10.49 -0.08 -5.35	10.80 -0.08 -5.59	12.03 -0.10 -5.99	16.03 -0.17 -9.11	16.01 -0.18 -9.45	23.92 -0.86 -2.64	21.05 -0.79 -2.63	23.95 -1.08 -0.39	24.43 -0.83 0.00	24.35 -0.81 0.00	22.58 -0.69 -1.17	22.91 -0.71 -0.81	24.31 -0.70 -0.86	25.56 -0.78 -2.79	30.83 -0.94 -4.07	30.67 -1.16 -1.41	28.66 -0.38 0.00	26.14 -0.64 0.00	24.46 -0.47 0.00	25.14 -0.51 0.00	24.02 -0.10 0.00
HOLTSVILLE_IC_1 23690	26.31 0.68 -17.05	24.45 0.65 -15.63	24.55 0.38 -19.04	24.33 0.40 -18.70	25.20 0.38 -19.53	27.92 0.51 -21.27	39.25 0.60 -31.56	40.01 0.53 -32.74	33.29 1.99 -9.15	31.30 1.79 -10.31	29.23 2.37 -2.22	27.61 2.35 0.00	27.60 2.44 0.00	29.71 2.14 -5.48	33.06 2.28 -7.97	37.06 2.34 -10.57	41.69 2.35 -15.79	51.61 2.77 -21.14	48.78 2.95 -15.42	39.77 2.88 -7.85	38.18 2.46 -8.94	34.47 2.32 -7.22	28.40 2.59 -0.16	26.38 2.27 0.00

HOLTSVILLE_IC_10 23699	26.35 0.72 -17.05	24.50 0.69 -15.63	24.57 0.41 -19.04	24.35 0.43 -18.70	25.23 0.41 -19.53	27.96 0.54 -21.27	39.29 0.64 -31.56	40.05 0.57 -32.74	33.42 2.13 -9.15	31.42 1.90 -10.31	29.35 2.49 -2.22	27.74 2.48 0.00	27.75 2.59 0.00	29.85 2.28 -5.48	33.19 2.42 -7.97	37.13 2.46 -10.52	41.83 2.49 -15.79	51.84 2.99 -21.14	48.99 3.16 -15.42	39.93 3.05 -7.85	38.32 2.63 -8.91	34.59 2.44 -7.22	28.55 2.72 -0.18	26.52 2.41 0.00
HOLTSVILLE_IC_2 23691	26.31 0.68 -17.05	24.45 0.65 -15.63	24.55 0.38 -19.04	24.33 0.40 -18.70	25.20 0.38 -19.53	27.92 0.51 -21.27	39.25 0.60 -31.56	40.01 0.53 -32.74	33.29 1.99 -9.15	31.30 1.79 -10.31	29.23 2.37 -2.22	27.61 2.35 0.00	27.60 2.44 0.00	29.71 2.14 -5.48	33.06 2.28 -7.97	37.06 2.34 -10.57	41.69 2.35 -15.79	51.61 2.77 -21.14	48.78 2.95 -15.42	39.77 2.88 -7.85	38.18 2.46 -8.94	34.47 2.32 -7.22	28.40 2.59 -0.16	26.38 2.27 0.00
HOLTSVILLE_IC_3 23692	26.31 0.68 -17.05	24.45 0.65 -15.63	24.55 0.38 -19.04	24.33 0.40 -18.70	25.20 0.38 -19.53	27.92 0.51 -21.27	39.25 0.60 -31.56	40.01 0.53 -32.74	33.29 1.99 -9.15	31.30 1.79 -10.31	29.23 2.37 -2.22	27.61 2.35 0.00	27.60 2.44 0.00	29.71 2.14 -5.48	33.06 2.28 -7.97	37.06 2.34 -10.57	41.69 2.35 -15.79	51.61 2.77 -21.14	48.78 2.95 -15.42	39.77 2.88 -7.85	38.18 2.46 -8.94	34.47 2.32 -7.22	28.40 2.59 -0.16	26.38 2.27 0.00
HOLTSVILLE_IC_4 23693	26.31 0.68 -17.05	24.45 0.65 -15.63	24.55 0.38 -19.04	24.33 0.40 -18.70	25.20 0.38 -19.53	27.92 0.51 -21.27	39.25 0.60 -31.56	40.01 0.53 -32.74	33.29 1.99 -9.15	31.30 1.79 -10.31	29.23 2.37 -2.22	27.61 2.35 0.00	27.60 2.44 0.00	29.71 2.14 -5.48	33.06 2.28 -7.97	37.06 2.34 -10.57	41.69 2.35 -15.79	51.61 2.77 -21.14	48.78 2.95 -15.42	39.77 2.88 -7.85	38.18 2.46 -8.94	34.47 2.32 -7.22	28.40 2.59 -0.16	26.38 2.27 0.00
HOLTSVILLE_IC_5 23694	26.31 0.68 -17.05	24.45 0.65 -15.63	24.55 0.38 -19.04	24.33 0.40 -18.70	25.20 0.38 -19.53	27.92 0.51 -21.27	39.25 0.60 -31.56	40.01 0.53 -32.74	33.29 1.99 -9.15	31.30 1.79 -10.31	29.23 2.37 -2.22	27.61 2.35 0.00	27.60 2.44 0.00	29.71 2.14 -5.48	33.06 2.28 -7.97	37.06 2.34 -10.57	41.69 2.35 -15.79	51.61 2.77 -21.14	48.78 2.95 -15.42	39.77 2.88 -7.85	38.18 2.46 -8.94	34.47 2.32 -7.22	28.40 2.59 -0.16	26.38 2.27 0.00
HOLTSVILLE_IC_6 23695	26.35 0.72 -17.05	24.50 0.69 -15.63	24.57 0.41 -19.04	24.35 0.43 -18.70	25.23 0.41 -19.53	27.96 0.54 -21.27	39.29 0.64 -31.56	40.05 0.57 -32.74	33.42 2.13 -9.15	31.42 1.90 -10.31	29.35 2.49 -2.22	27.74 2.48 0.00	27.75 2.59 0.00	29.85 2.28 -5.48	33.19 2.42 -7.97	37.13 2.46 -10.52	41.83 2.49 -15.79	51.84 2.99 -21.14	48.99 3.16 -15.42	39.93 3.05 -7.85	38.32 2.63 -8.91	34.59 2.44 -7.22	28.55 2.72 -0.18	26.52 2.41 0.00
HOLTSVILLE_IC_7 23696	26.35 0.72 -17.05	24.50 0.69 -15.63	24.57 0.41 -19.04	24.35 0.43 -18.70	25.23 0.41 -19.53	27.96 0.54 -21.27	39.29 0.64 -31.56	40.05 0.57 -32.74	33.42 2.13 -9.15	31.42 1.90 -10.31	29.35 2.49 -2.22	27.74 2.48 0.00	27.75 2.59 0.00	29.85 2.28 -5.48	33.19 2.42 -7.97	37.13 2.46 -10.52	41.83 2.49 -15.79	51.84 2.99 -21.14	48.99 3.16 -15.42	39.93 3.05 -7.85	38.32 2.63 -8.91	34.59 2.44 -7.22	28.55 2.72 -0.18	26.52 2.41 0.00
HOLTSVILLE_IC_8 23697	26.35 0.72 -17.05	24.50 0.69 -15.63	24.57 0.41 -19.04	24.35 0.43 -18.70	25.23 0.41 -19.53	27.96 0.54 -21.27	39.29 0.64 -31.56	40.05 0.57 -32.74	33.42 2.13 -9.15	31.42 1.90 -10.31	29.35 2.49 -2.22	27.74 2.48 0.00	27.75 2.59 0.00	29.85 2.28 -5.48	33.19 2.42 -7.97	37.13 2.46 -10.52	41.83 2.49 -15.79	51.84 2.99 -21.14	48.99 3.16 -15.42	39.93 3.05 -7.85	38.32 2.63 -8.91	34.59 2.44 -7.22	28.55 2.72 -0.18	26.52 2.41 0.00
HOLTSVILLE_IC_9 23698	26.35 0.72 -17.05	24.50 0.69 -15.63	24.57 0.41 -19.04	24.35 0.43 -18.70	25.23 0.41 -19.53	27.96 0.54 -21.27	39.29 0.64 -31.56	40.05 0.57 -32.74	33.42 2.13 -9.15	31.42 1.90 -10.31	29.35 2.49 -2.22	27.74 2.48 0.00	27.75 2.59 0.00	29.85 2.28 -5.48	33.19 2.42 -7.97	37.13 2.46 -10.52	41.83 2.49 -15.79	51.84 2.99 -21.14	48.99 3.16 -15.42	39.93 3.05 -7.85	38.32 2.63 -8.91	34.59 2.44 -7.22	28.55 2.72 -0.18	26.52 2.41 0.00
HOMER_HL_115KV_TB2 355744	13.31 -0.15 -4.87	12.51 -0.12 -4.46	10.47 -0.09 -5.44	10.46 -0.10 -5.34	10.78 -0.10 -5.58	12.00 -0.12 -5.98	15.94 -0.16 -9.00	15.91 -0.17 -9.34	23.83 -0.93 -2.61	20.97 -0.85 -2.60	23.90 -1.13 -0.39	25.01 -0.25 0.00	24.91 -0.25 0.00	22.63 -0.62 -1.16	22.86 -0.75 -0.81	24.07 -0.94 -0.86	25.41 -0.97 -2.83	30.77 -1.05 -4.12	30.53 -1.31 -1.43	29.15 0.12 0.00	26.49 -0.29 0.00	24.71 -0.22 0.00	25.47 -0.18 0.00	24.45 0.34 0.00
HOWARD_WT_PWR 323690	14.00 0.01 -5.41	13.14 0.01 -4.96	11.16 0.00 -6.04	11.14 -0.01 -5.93	11.48 -0.01 -6.19	12.78 0.00 -6.64	17.21 -0.01 -10.13	17.21 -0.04 -10.51	24.68 -0.40 -2.94	21.73 -0.40 -2.93	24.49 -0.59 -0.44	24.93 -0.33 0.00	24.80 -0.35 0.00	23.13 -0.26 -1.30	23.38 -0.32 -0.90	25.05 -0.05 -0.96	26.52 -0.07 -3.04	32.08 -0.06 -4.43	31.86 -0.09 -1.54	29.65 0.61 0.00	27.08 0.30 0.00	25.33 0.40 0.00	25.96 0.31 0.00	24.69 0.58 0.00
HQ_GEN_CEDARS 23644	1.03 -1.02 6.53	0.81 -0.97 6.39	0.65 -0.61 3.87	0.65 -0.61 3.96	0.57 -0.62 4.10	0.63 -0.72 4.79	1.44 -0.84 4.81	1.58 -0.80 4.37	1.91 -2.50 17.74	2.02 -2.31 14.88	2.21 -2.98 19.45	22.37 -2.88 0.01	22.39 -2.77 0.00	19.74 -2.52 -0.17	20.41 -2.51 -0.12	21.74 -2.54 -0.13	21.72 -2.24 -0.41	25.89 -2.41 -0.59	28.27 -2.34 -0.21	26.66 -2.38 0.00	25.09 -1.69 0.00	23.41 -1.52 0.00	24.19 -1.46 0.00	22.81 -1.30 0.00
HQ_GEN_CEDARS_PROXY 323590	1.03 -1.02 6.53	0.81 -0.97 6.39	0.65 -0.61 3.87	0.65 -0.61 3.96	0.57 -0.62 4.10	0.63 -0.72 4.79	1.33 -0.84 4.92	2.21 -0.80 3.73	1.13 -2.50 18.52	1.90 -2.31 15.00	2.09 -2.98 19.57	22.37 -2.88 0.01	22.39 -2.77 0.00	19.71 -2.54 -0.15	20.41 -2.51 -0.12	21.74 -2.54 -0.13	21.72 -2.24 -0.41	25.89 -2.41 -0.59	28.27 -2.34 -0.21	26.66 -2.38 0.00	25.09 -1.69 0.00	23.41 -1.52 0.00	24.19 -1.46 0.00	22.81 -1.30 0.00
HQ_GEN_IMPORT 323601	8.58 0.00 0.00	8.17 0.00 0.00	5.12 0.00 0.00	5.22 0.00 0.00	5.29 0.00 0.00	6.14 0.00 0.00	7.09 0.00 0.00	7.49 0.00 -0.75	21.40 0.00 0.75	19.21 0.00 0.00	24.64 0.00 0.00	25.26 0.00 0.00	25.16 0.00 0.00	22.09 0.00 0.00	22.80 0.00 0.00	24.15 0.00 0.00	23.55 0.00 0.00	27.71 0.00 0.00	30.41 0.00 0.00	29.04 0.00 0.00	26.78 0.00 0.00	24.93 0.00 0.00	25.65 0.00 0.00	24.11 0.00 0.00
HQ_GEN_WHEEL 23651	8.58 0.00 0.00	8.17 0.00 0.00	5.12 0.00 0.00	5.22 0.00 0.00	5.29 0.00 0.00	6.14 0.00 0.00	7.09 0.00 0.00	7.49 0.00 -0.75	21.40 0.00 0.75	19.21 0.00 0.00	24.64 0.00 0.00	25.26 0.00 0.00	25.16 0.00 0.00	22.09 0.00 0.00	22.80 0.00 0.00	24.15 0.00 0.00	23.55 0.00 0.00	27.71 0.00 0.00	30.41 0.00 0.00	29.04 0.00 0.00	26.78 0.00 0.00	24.93 0.00 0.00	25.65 0.00 0.00	24.11 0.00 0.00

HUDSON AVE_GT_3 23810	26.12 0.48 -17.05	24.25 0.44 -15.63	24.43 0.26 -19.04	24.20 0.27 -18.71	25.09 0.26 -19.54	27.41 0.34 -20.93	39.03 0.40 -31.53	39.83 0.38 -32.71	32.64 1.35 -9.14	29.63 1.31 -9.11	27.75 1.75 -1.36	27.05 1.79 0.00	26.99 1.84 0.00	27.77 1.63 -4.04	27.35 1.71 -2.83	29.00 1.84 -3.01	35.07 1.77 -9.76	43.85 1.94 -14.21	37.51 2.16 -4.94	31.13 2.09 0.00	28.60 1.82 0.00	26.50 1.57 0.00	27.24 1.59 0.00	25.49 1.37 0.00
HUDSON AVE_GT_4 23540	26.12 0.48 -17.05	24.25 0.44 -15.63	24.43 0.26 -19.04	24.20 0.27 -18.71	25.09 0.26 -19.54	27.41 0.34 -20.93	39.03 0.40 -31.53	39.83 0.38 -32.71	32.64 1.35 -9.14	29.63 1.31 -9.11	27.75 1.75 -1.36	27.05 1.79 0.00	26.99 1.84 0.00	27.77 1.63 -4.04	27.35 1.71 -2.83	29.00 1.84 -3.01	35.07 1.77 -9.76	43.85 1.94 -14.21	37.51 2.16 -4.94	31.13 2.09 0.00	28.60 1.82 0.00	26.50 1.57 0.00	27.24 1.59 0.00	25.49 1.37 0.00
HUDSON AVE_GT_5 23657	26.12 0.48 -17.05	24.25 0.44 -15.63	24.43 0.26 -19.04	24.20 0.27 -18.71	25.09 0.26 -19.54	27.41 0.34 -20.93	39.03 0.40 -31.53	39.83 0.38 -32.71	32.64 1.35 -9.14	29.63 1.31 -9.11	27.75 1.75 -1.36	27.05 1.79 0.00	26.99 1.84 0.00	27.77 1.63 -4.04	27.35 1.71 -2.83	29.00 1.84 -3.01	35.07 1.77 -9.76	43.85 1.94 -14.21	37.51 2.16 -4.94	31.13 2.09 0.00	28.60 1.82 0.00	26.50 1.57 0.00	27.24 1.59 0.00	25.49 1.37 0.00
HUDSON_AVE_10 24168	26.10 0.46 -17.05	24.23 0.42 -15.63	24.42 0.25 -19.04	24.19 0.26 -18.71	25.08 0.25 -19.54	27.40 0.33 -20.93	39.01 0.39 -31.53	39.81 0.36 -32.71	32.61 1.33 -9.14	29.61 1.29 -9.11	27.72 1.72 -1.36	27.03 1.77 0.00	26.97 1.81 0.00	27.73 1.59 -4.04	27.30 1.66 -2.83	28.97 1.81 -3.01	35.05 1.74 -9.76	43.85 1.94 -14.21	37.51 2.16 -4.94	31.10 2.06 0.00	28.57 1.79 0.00	26.48 1.55 0.00	27.19 1.54 0.00	25.42 1.30 0.00
HUDSON___115KV_TB 4 355613	28.96 0.38 -20.00	26.87 0.36 -18.34	27.68 0.23 -22.34	27.39 0.22 -21.94	28.44 0.23 -22.92	30.96 0.26 -24.56	44.40 0.32 -36.99	45.41 0.30 -38.37	33.86 1.00 -10.72	30.67 0.77 -10.69	27.24 1.01 -1.59	26.29 1.04 0.00	26.19 1.03 0.00	27.79 0.95 -4.74	27.18 1.05 -3.32	28.77 1.09 -3.54	35.85 0.87 -11.43	45.47 1.11 -16.65	37.39 1.19 -5.79	30.05 1.02 0.00	27.85 1.07 0.00	25.80 0.87 0.00	26.45 0.80 0.00	24.76 0.65 0.00
HUNTER MOUNT___DRP 323613	28.54 0.41 -19.55	26.49 0.39 -17.92	27.20 0.25 -21.83	26.92 0.25 -21.45	27.94 0.25 -22.40	30.43 0.29 -24.00	43.59 0.35 -36.15	44.58 0.34 -37.50	33.69 1.06 -10.48	30.46 0.81 -10.45	27.23 1.03 -1.56	26.34 1.09 0.00	26.24 1.08 0.00	27.68 0.95 -4.64	27.12 1.07 -3.25	28.71 1.11 -3.46	35.64 0.92 -11.18	45.23 1.25 -16.28	37.35 1.28 -5.66	30.11 1.07 0.00	27.93 1.15 0.00	25.85 0.92 0.00	26.47 0.82 0.00	24.79 0.68 0.00
HUNTINGTON_RES_REC 323705	26.28 0.65 -17.05	24.42 0.61 -15.63	24.52 0.36 -19.04	24.31 0.38 -18.70	25.19 0.36 -19.53	27.90 0.49 -21.27	39.18 0.52 -31.56	39.94 0.46 -32.74	33.20 1.90 -9.15	31.25 1.73 -10.31	29.15 2.29 -2.22	27.53 2.27 0.00	27.55 2.39 0.00	29.65 2.08 -5.48	32.99 2.21 -7.97	35.31 2.39 -8.77	41.47 2.19 -15.73	51.45 2.60 -21.14	48.57 2.74 -15.42	39.38 2.67 -7.68	37.49 2.52 -8.19	34.20 2.22 -7.05	28.35 2.52 -0.18	26.30 2.19 0.00
HUNTLEY___63 23557	12.98 -0.10 -4.50	12.25 -0.05 -4.13	10.11 -0.04 -5.03	10.10 -0.06 -4.94	10.40 -0.05 -5.16	11.58 -0.09 -5.53	15.21 -0.18 -8.30	15.17 -0.19 -8.61	23.65 -0.91 -2.41	20.81 -0.81 -2.41	23.89 -1.11 -0.36	24.32 -0.93 0.00	24.25 -0.91 0.00	22.59 -0.57 -1.07	22.89 -0.66 -0.75	24.22 -0.72 -0.80	25.28 -0.85 -2.58	30.33 -1.14 -3.76	30.44 -1.28 -1.31	28.31 -0.73 0.00	25.79 -0.99 0.00	24.11 -0.82 0.00	24.86 -0.80 0.00	23.80 -0.31 0.00
HUNTLEY___64 23558	12.98 -0.10 -4.50	12.25 -0.05 -4.13	10.11 -0.04 -5.03	10.10 -0.06 -4.94	10.40 -0.05 -5.16	11.58 -0.09 -5.53	15.21 -0.18 -8.30	15.17 -0.19 -8.61	23.65 -0.91 -2.41	20.81 -0.81 -2.41	23.89 -1.11 -0.36	24.32 -0.93 0.00	24.25 -0.91 0.00	22.59 -0.57 -1.07	22.89 -0.66 -0.75	24.22 -0.72 -0.80	25.28 -0.85 -2.58	30.33 -1.14 -3.76	30.44 -1.28 -1.31	28.31 -0.73 0.00	25.79 -0.99 0.00	24.11 -0.82 0.00	24.86 -0.80 0.00	23.80 -0.31 0.00
HUNTLEY___65 23559	12.98 -0.10 -4.50	12.25 -0.05 -4.13	10.11 -0.04 -5.03	10.10 -0.06 -4.94	10.40 -0.05 -5.16	11.58 -0.09 -5.53	15.21 -0.18 -8.30	15.17 -0.19 -8.61	23.65 -0.91 -2.41	20.81 -0.81 -2.41	23.89 -1.11 -0.36	24.32 -0.93 0.00	24.25 -0.91 0.00	22.59 -0.57 -1.07	22.89 -0.66 -0.75	24.22 -0.72 -0.80	25.28 -0.85 -2.58	30.33 -1.14 -3.76	30.44 -1.28 -1.31	28.31 -0.73 0.00	25.79 -0.99 0.00	24.11 -0.82 0.00	24.86 -0.80 0.00	23.80 -0.31 0.00
HUNTLEY___66 23560	12.98 -0.10 -4.50	12.25 -0.05 -4.13	10.11 -0.04 -5.03	10.10 -0.06 -4.94	10.40 -0.05 -5.16	11.58 -0.09 -5.53	15.21 -0.18 -8.30	15.17 -0.19 -8.61	23.65 -0.91 -2.41	20.81 -0.81 -2.41	23.89 -1.11 -0.36	24.32 -0.93 0.00	24.25 -0.91 0.00	22.59 -0.57 -1.07	22.89 -0.66 -0.75	24.22 -0.72 -0.80	25.28 -0.85 -2.58	30.33 -1.14 -3.76	30.44 -1.28 -1.31	28.31 -0.73 0.00	25.79 -0.99 0.00	24.11 -0.82 0.00	24.86 -0.80 0.00	23.80 -0.31 0.00
HUNTLEY___67 23561	12.97 -0.15 -4.53	12.22 -0.11 -4.16	10.11 -0.08 -5.06	10.11 -0.09 -4.97	10.40 -0.08 -5.19	11.59 -0.12 -5.57	15.25 -0.22 -8.38	15.22 -0.22 -8.70	23.56 -1.02 -2.43	20.73 -0.90 -2.42	23.75 -1.26 -0.36	24.20 -1.06 0.00	24.10 -1.06 0.00	22.44 -0.73 -1.08	22.74 -0.82 -0.75	24.05 -0.89 -0.80	25.18 -0.97 -2.60	30.22 -1.27 -3.79	30.24 -1.49 -1.32	28.17 -0.87 0.00	25.68 -1.10 0.00	24.01 -0.92 0.00	24.75 -0.90 0.00	23.73 -0.39 0.00
HUNTLEY___68 23562	12.97 -0.15 -4.53	12.22 -0.11 -4.16	10.11 -0.08 -5.06	10.11 -0.09 -4.97	10.40 -0.08 -5.19	11.59 -0.12 -5.57	15.25 -0.22 -8.38	15.22 -0.22 -8.70	23.56 -1.02 -2.43	20.73 -0.90 -2.42	23.75 -1.26 -0.36	24.20 -1.06 0.00	24.10 -1.06 0.00	22.44 -0.73 -1.08	22.74 -0.82 -0.75	24.05 -0.89 -0.80	25.18 -0.97 -2.60	30.22 -1.27 -3.79	30.24 -1.49 -1.32	28.17 -0.87 0.00	25.68 -1.10 0.00	24.01 -0.92 0.00	24.75 -0.90 0.00	23.73 -0.39 0.00
HYLAND___LFGE 323620	13.69 0.32 -4.79	12.86 0.29 -4.39	10.66 0.19 -5.35	10.65 0.18 -5.25	10.97 0.19 -5.49	12.27 0.25 -5.88	16.33 0.29 -8.95	16.29 0.26 -9.28	25.25 0.51 -2.59	21.97 0.17 -2.59	24.98 -0.05 -0.39	25.18 -0.08 0.00	25.08 -0.08 0.00	23.22 -0.02 -1.15	23.69 0.09 -0.80	25.26 0.27 -0.85	26.70 0.42 -2.73	32.54 0.86 -3.97	32.70 0.91 -1.38	30.31 1.28 0.00	27.74 0.96 0.00	25.83 0.90 0.00	26.42 0.77 0.00	25.05 0.94 0.00
INDECK___CORINTH 23802	30.32 0.52 -21.21	28.11 0.49 -19.45	29.12 0.31 -23.69	28.79 0.30 -23.27	29.91 0.32 -24.30	32.58 0.39 -26.04	46.84 0.50 -39.25	47.92 0.46 -40.72	35.01 1.48 -11.38	31.76 1.21 -11.34	27.91 1.58 -1.69	26.72 1.46 0.00	26.67 1.51 0.00	28.54 1.42 -5.04	27.77 1.44 -3.53	29.32 1.42 -3.75	37.02 1.32 -12.15	46.98 1.58 -17.70	38.20 1.64 -6.16	30.49 1.45 0.00	28.15 1.37 0.00	26.08 1.15 0.00	27.06 1.41 0.00	25.44 1.33 0.00

INDECK___ILION 23567	9.21 0.10 -0.53	8.75 0.10 -0.48	5.77 0.06 -0.59	5.86 0.06 -0.58	5.96 0.06 -0.60	6.86 0.07 -0.65	8.16 0.09 -0.97	7.84 0.09 -1.01	22.72 0.29 -0.28	19.72 0.23 -0.28	25.03 0.34 -0.04	25.59 0.33 0.00	25.48 0.33 0.00	22.48 0.27 -0.12	23.12 0.23 -0.09	24.48 0.24 -0.09	24.08 0.24 -0.30	28.39 0.25 -0.44	30.96 0.40 -0.15	29.39 0.35 0.00	27.16 0.37 0.00	25.36 0.42 0.00	26.09 0.44 0.00	24.52 0.41 0.00
INDECK___OLEAN 23982	13.31 -0.15 -4.87	12.51 -0.12 -4.46	10.46 -0.10 -5.44	10.46 -0.10 -5.34	10.78 -0.10 -5.58	12.00 -0.12 -5.98	16.02 -0.16 -9.09	16.00 -0.17 -9.43	23.85 -0.93 -2.64	20.99 -0.84 -2.63	23.90 -1.13 -0.39	25.01 -0.25 0.00	24.91 -0.25 0.00	23.06 -0.20 -0.17	22.86 -0.75 -0.81	24.07 -0.94 -0.86	25.41 -0.97 -2.83	30.77 -1.05 -4.12	30.50 -1.34 -1.43	29.15 0.12 0.00	26.51 -0.27 0.00	24.83 -0.10 0.00	25.47 -0.18 0.00	24.45 0.34 0.00
INDECK___OSWEGO 23783	11.22 -0.10 -2.74	10.57 -0.10 -2.50	8.23 -0.06 -3.17	8.27 -0.06 -3.11	8.48 -0.06 -3.25	9.54 -0.07 -3.47	12.34 -0.08 -5.33	12.21 -0.07 -5.55	22.90 -0.26 -1.02	20.06 -0.25 -1.10	23.88 -0.37 0.39	24.88 -0.38 0.00	24.75 -0.40 0.00	22.45 -0.35 -0.71	22.89 -0.41 -0.49	24.24 -0.43 -0.53	24.82 -0.42 -1.70	29.69 -0.50 -2.48	30.69 -0.58 -0.86	28.48 -0.55 0.00	26.22 -0.56 0.00	24.43 -0.50 0.00	25.14 -0.51 0.00	23.68 -0.43 0.00
INDECK___YERKES 23781	12.99 -0.09 -4.50	12.25 -0.05 -4.13	10.12 -0.04 -5.03	10.11 -0.05 -4.94	10.40 -0.05 -5.16	11.58 -0.09 -5.53	15.30 -0.18 -8.38	15.26 -0.18 -8.70	23.70 -0.89 -2.44	20.85 -0.79 -2.43	23.92 -1.08 -0.36	24.35 -0.91 0.00	24.28 -0.88 0.00	22.44 -0.73 -1.08	22.91 -0.64 -0.75	24.24 -0.70 -0.80	25.31 -0.82 -2.58	30.36 -1.11 -3.76	30.41 -1.31 -1.31	28.34 -0.70 0.00	25.84 -0.94 0.00	24.18 -0.75 0.00	24.88 -0.77 0.00	23.83 -0.29 0.00
INDIAN POINT_GT_1 24139	25.90 0.42 -16.90	24.06 0.39 -15.49	24.23 0.23 -18.87	24.00 0.24 -18.54	24.89 0.23 -19.36	27.19 0.29 -20.75	38.69 0.35 -31.25	39.48 0.32 -32.42	32.36 1.15 -9.06	29.33 1.09 -9.03	27.46 1.48 -1.34	26.77 1.52 0.00	26.69 1.53 0.00	27.47 1.37 -4.01	27.05 1.44 -2.81	28.70 1.57 -2.99	34.70 1.48 -9.67	43.48 1.69 -14.08	37.16 1.85 -4.90	30.81 1.77 0.00	28.33 1.55 0.00	26.28 1.35 0.00	27.01 1.36 0.00	25.30 1.18 0.00
INDIAN POINT_GT_2 23659	25.90 0.42 -16.90	24.06 0.39 -15.49	24.23 0.23 -18.87	24.00 0.24 -18.54	24.89 0.23 -19.36	27.19 0.29 -20.75	38.69 0.35 -31.25	39.48 0.32 -32.42	32.36 1.15 -9.06	29.33 1.09 -9.03	27.46 1.48 -1.34	26.77 1.52 0.00	26.69 1.53 0.00	27.47 1.37 -4.01	27.05 1.44 -2.81	28.70 1.57 -2.99	34.70 1.48 -9.67	43.48 1.69 -14.08	37.16 1.85 -4.90	30.81 1.77 0.00	28.33 1.55 0.00	26.28 1.35 0.00	27.01 1.36 0.00	25.30 1.18 0.00
INDIAN POINT_GT_3 24019	25.90 0.42 -16.90	24.06 0.39 -15.49	24.23 0.23 -18.87	24.00 0.24 -18.54	24.89 0.23 -19.36	27.19 0.29 -20.75	38.69 0.35 -31.25	39.48 0.32 -32.42	32.36 1.15 -9.06	29.33 1.09 -9.03	27.46 1.48 -1.34	26.77 1.52 0.00	26.69 1.53 0.00	27.47 1.37 -4.01	27.05 1.44 -2.81	28.70 1.57 -2.99	34.70 1.48 -9.67	43.48 1.69 -14.08	37.16 1.85 -4.90	30.81 1.77 0.00	28.33 1.55 0.00	26.28 1.35 0.00	27.01 1.36 0.00	25.30 1.18 0.00
INDIAN POINT___2 23530	25.70 0.42 -16.69	23.87 0.39 -15.30	23.99 0.23 -18.64	23.78 0.24 -18.31	24.65 0.23 -19.13	26.93 0.29 -20.49	38.34 0.35 -30.91	39.12 0.32 -32.06	32.23 1.13 -8.96	29.21 1.08 -8.93	27.42 1.45 -1.33	26.75 1.49 0.00	26.67 1.51 0.00	27.38 1.33 -3.96	26.99 1.41 -2.77	28.62 1.52 -2.95	34.56 1.46 -9.55	43.28 1.66 -13.91	37.07 1.82 -4.84	30.78 1.74 0.00	28.31 1.53 0.00	26.33 1.40 0.00	27.01 1.36 0.00	25.29 1.18 0.00
INDIAN POINT___3 23531	25.90 0.41 -16.91	24.06 0.38 -15.50	24.24 0.23 -18.88	24.01 0.24 -18.55	24.90 0.23 -19.37	27.20 0.29 -20.76	38.71 0.35 -31.27	39.49 0.32 -32.43	32.34 1.13 -9.06	29.32 1.08 -9.04	27.44 1.45 -1.35	26.75 1.49 0.00	26.67 1.51 0.00	27.45 1.35 -4.01	27.03 1.41 -2.81	28.66 1.52 -2.99	34.68 1.46 -9.67	43.46 1.66 -14.09	37.10 1.79 -4.90	30.78 1.74 0.00	28.31 1.53 0.00	26.25 1.32 0.00	27.01 1.36 0.00	25.30 1.18 0.00
INGHAM_C_115KV_TB7 356103	9.39 0.27 -0.53	8.92 0.26 -0.48	5.87 0.16 -0.59	5.96 0.16 -0.58	6.05 0.16 -0.60	6.97 0.18 -0.65	8.29 0.23 -0.97	7.97 0.22 -1.01	23.11 0.69 -0.28	20.09 0.60 -0.28	25.47 0.79 -0.04	26.07 0.81 0.00	25.94 0.78 0.00	22.88 0.66 -0.12	23.44 0.55 -0.09	24.80 0.56 -0.09	24.41 0.57 -0.30	28.70 0.55 -0.44	31.41 0.85 -0.15	29.82 0.78 0.00	27.58 0.80 0.00	25.80 0.87 0.00	26.57 0.92 0.00	24.98 0.87 0.00
IP CORINTH___1 23988	30.32 0.52 -21.21	28.11 0.49 -19.45	29.12 0.31 -23.69	28.79 0.30 -23.27	29.91 0.32 -24.30	32.58 0.39 -26.04	46.81 0.50 -39.22	47.88 0.46 -40.68	35.00 1.48 -11.37	31.75 1.21 -11.33	27.91 1.58 -1.69	26.72 1.46 0.00	26.67 1.51 0.00	28.51 1.39 -5.03	27.76 1.44 -3.53	29.32 1.42 -3.75	37.02 1.32 -12.15	46.98 1.58 -17.70	38.21 1.64 -6.16	30.49 1.45 0.00	28.15 1.37 0.00	26.03 1.10 0.00	27.06 1.41 0.00	25.44 1.33 0.00
IP___TICONDEROGA 23804	30.67 0.91 -21.18	28.43 0.84 -19.42	29.30 0.53 -23.65	28.98 0.52 -23.24	30.11 0.54 -24.27	32.83 0.68 -26.01	47.12 0.86 -39.17	48.18 0.81 -40.63	36.13 2.64 -11.35	32.66 2.13 -11.32	29.06 2.74 -1.69	27.86 2.60 0.00	27.85 2.69 0.00	29.61 2.50 -5.02	28.85 2.53 -3.52	30.57 2.68 -3.74	38.25 2.57 -12.14	48.43 3.05 -17.68	39.78 3.22 -6.15	31.97 2.93 0.00	29.51 2.73 0.00	27.20 2.27 0.00	28.14 2.49 0.00	26.38 2.27 0.00
ISLIP_RES_REC 323679	26.39 0.76 -17.05	24.53 0.73 -15.63	24.59 0.43 -19.04	24.37 0.45 -18.70	25.26 0.43 -19.53	27.99 0.57 -21.27	39.33 0.67 -31.56	40.08 0.60 -32.74	33.53 2.24 -9.15	31.53 2.02 -10.31	29.50 2.64 -2.22	27.89 2.63 0.00	27.88 2.72 0.00	29.96 2.39 -5.48	33.31 2.53 -7.97	37.12 2.58 -10.39	41.99 2.66 -15.78	52.03 3.18 -21.14	49.17 3.34 -15.42	40.07 3.19 -7.83	38.37 2.73 -8.86	34.68 2.54 -7.20	28.64 2.80 -0.19	26.62 2.51 0.00
JAMAICA___27_KV_LOAD 355505	26.14 0.51 -17.05	24.27 0.47 -15.63	24.44 0.27 -19.04	24.21 0.28 -18.71	25.10 0.28 -19.54	27.44 0.36 -20.93	39.06 0.44 -31.53	39.87 0.42 -32.71	32.79 1.51 -9.14	29.76 1.44 -9.11	27.92 1.92 -1.36	27.20 1.94 0.00	27.17 2.01 0.00	27.93 1.79 -4.04	27.51 1.87 -2.83	29.19 2.03 -3.01	35.26 1.95 -9.76	44.13 2.22 -14.21	37.78 2.43 -4.94	31.42 2.38 0.00	28.82 2.04 0.00	26.68 1.75 0.00	27.27 1.62 0.00	25.49 1.37 0.00
JANIS___SOLAR 323808	15.42 0.46 -6.37	14.45 0.43 -5.84	12.51 0.27 -7.12	12.50 0.29 -6.99	12.88 0.29 -7.30	14.30 0.34 -7.82	19.55 0.43 -12.03	19.63 0.41 -12.48	26.76 1.13 -3.49	23.55 0.87 -3.48	26.22 1.06 -0.52	26.40 1.14 0.00	26.24 1.08 0.00	24.61 0.97 -1.54	24.91 1.05 -1.06	26.48 1.21 -1.13	28.41 1.22 -3.64	34.48 1.47 -5.31	33.99 1.73 -1.85	30.66 1.63 0.00	28.20 1.42 0.00	26.28 1.35 0.00	26.93 1.28 0.00	25.39 1.28 0.00

JARVIS____ 23743	9.07 -0.04 -0.53	8.61 -0.04 -0.48	5.69 -0.03 -0.59	5.78 -0.02 -0.58	5.87 -0.02 -0.60	6.76 -0.03 -0.65	7.90 -0.03 -0.84	7.59 -0.03 -0.87	22.30 -0.09 -0.24	19.37 -0.08 -0.24	24.60 -0.07 -0.04	25.16 -0.10 0.00	25.08 -0.08 0.00	22.11 -0.09 -0.11	22.80 -0.09 -0.09	24.14 -0.10 -0.09	23.78 -0.07 -0.30	28.06 -0.08 -0.44	30.50 -0.06 -0.15	28.98 -0.06 0.00	26.75 -0.03 0.00	24.93 0.00 0.00	25.65 0.00 0.00	24.11 0.00 0.00
JENNISON____1 23625	16.80 0.52 -7.69	15.72 0.50 -7.05	14.02 0.31 -8.59	13.99 0.33 -8.44	14.44 0.33 -8.81	15.96 0.37 -9.44	21.77 0.46 -14.22	21.95 0.45 -14.75	27.62 1.35 -4.12	24.41 1.09 -4.11	26.71 1.45 -0.61	26.82 1.57 0.00	26.69 1.53 0.00	25.29 1.37 -1.82	25.49 1.41 -1.28	27.03 1.52 -1.36	29.43 1.48 -4.40	35.83 1.72 -6.41	34.64 2.01 -2.23	30.92 1.89 0.00	28.47 1.69 0.00	26.53 1.60 0.00	27.22 1.56 0.00	25.63 1.52 0.00
JENNISON____2 23626	16.80 0.52 -7.69	15.72 0.50 -7.05	14.02 0.31 -8.59	13.99 0.33 -8.44	14.44 0.33 -8.81	15.96 0.37 -9.44	21.77 0.46 -14.22	21.95 0.45 -14.75	27.62 1.35 -4.12	24.41 1.09 -4.11	26.71 1.45 -0.61	26.82 1.57 0.00	26.69 1.53 0.00	25.29 1.37 -1.82	25.49 1.41 -1.28	27.03 1.52 -1.36	29.43 1.48 -4.40	35.83 1.72 -6.41	34.64 2.01 -2.23	30.92 1.89 0.00	28.47 1.69 0.00	26.53 1.60 0.00	27.22 1.56 0.00	25.63 1.52 0.00
JERICHO_RISE_WT_PWR 323719	0.46 -1.27 6.86	0.25 -1.22 6.71	0.25 -0.77 4.10	0.25 -0.78 4.19	0.13 -0.81 4.34	0.13 -0.94 5.07	0.77 -1.08 5.24	0.93 -1.02 4.79	0.28 -3.37 18.50	0.66 -2.92 15.63	0.53 -3.77 20.35	21.61 -3.64 0.01	21.66 -3.50 0.00	19.01 -3.23 -0.15	19.72 -3.19 -0.11	21.10 -3.16 -0.12	21.13 -2.80 -0.38	25.30 -2.96 -0.56	27.65 -2.95 -0.19	26.16 -2.88 0.00	24.72 -2.06 0.00	23.09 -1.84 0.00	23.91 -1.75 0.00	22.64 -1.47 0.00
KATONAH____115KV_46KV_TB4 355592	26.28 0.44 -17.26	24.40 0.41 -15.82	24.64 0.25 -19.27	24.41 0.26 -18.93	25.31 0.24 -19.77	27.64 0.31 -21.19	39.36 0.36 -31.91	40.19 0.35 -33.10	32.66 1.26 -9.25	29.64 1.21 -9.22	27.64 1.63 -1.37	26.93 1.67 0.00	26.84 1.69 0.00	27.64 1.46 -4.09	27.22 1.55 -2.87	28.91 1.71 -3.05	35.02 1.60 -9.87	43.92 1.83 -14.38	37.39 1.98 -5.00	30.90 1.86 0.00	28.44 1.66 0.00	26.35 1.42 0.00	27.06 1.41 0.00	25.34 1.23 0.00
KCE_NY_1 323755	30.17 0.44 -21.15	27.98 0.42 -19.39	29.00 0.26 -23.62	28.68 0.26 -23.21	29.79 0.26 -24.24	32.44 0.33 -25.97	46.63 0.40 -39.14	47.72 0.38 -40.60	34.73 1.24 -11.35	31.54 1.02 -11.31	27.66 1.33 -1.68	26.57 1.31 0.00	26.49 1.33 0.00	28.35 1.24 -5.02	27.59 1.28 -3.52	29.24 1.35 -3.74	36.99 1.32 -12.12	46.91 1.55 -17.66	38.19 1.64 -6.14	30.52 1.48 0.00	28.20 1.42 0.00	26.13 1.20 0.00	26.88 1.23 0.00	25.22 1.11 0.00
KCE_NY_6_ESR 323823	13.13 -0.09 -4.63	12.36 -0.06 -4.25	10.25 -0.05 -5.18	10.25 -0.06 -5.08	10.54 -0.06 -5.31	11.75 -0.08 -5.69	15.59 -0.15 -8.65	15.56 -0.15 -8.97	23.84 -0.82 -2.51	20.96 -0.75 -2.50	23.98 -1.03 -0.37	24.58 -0.68 0.00	24.50 -0.65 0.00	22.67 -0.53 -1.11	22.96 -0.61 -0.77	24.32 -0.65 -0.82	25.48 -0.73 -2.66	30.64 -0.94 -3.88	30.60 -1.16 -1.35	28.69 -0.35 0.00	26.17 -0.61 0.00	24.48 -0.45 0.00	25.16 -0.49 0.00	24.11 0.00 0.00
KEDC_PORT_JEFF_GT2 24210	26.33 0.70 -17.05	24.47 0.67 -15.63	24.56 0.39 -19.04	24.34 0.41 -18.70	25.22 0.39 -19.53	27.94 0.52 -21.27	39.26 0.61 -31.56	40.03 0.55 -32.74	33.36 2.06 -9.15	31.36 1.84 -10.31	29.30 2.44 -2.22	27.68 2.43 0.00	27.68 2.52 0.00	29.78 2.21 -5.48	33.12 2.35 -7.97	37.25 2.44 -10.66	41.72 2.38 -15.79	51.56 2.72 -21.14	48.81 2.98 -15.42	39.86 2.96 -7.86	38.35 2.60 -8.97	34.58 2.42 -7.23	28.49 2.67 -0.17	26.45 2.34 0.00
KEDC_PORT_JEFF_GT3 24211	26.33 0.70 -17.05	24.47 0.67 -15.63	24.56 0.39 -19.04	24.34 0.41 -18.70	25.22 0.39 -19.53	27.94 0.52 -21.27	39.26 0.61 -31.56	40.03 0.55 -32.74	33.36 2.06 -9.15	31.36 1.84 -10.31	29.30 2.44 -2.22	27.68 2.43 0.00	27.68 2.52 0.00	29.78 2.21 -5.48	33.12 2.35 -7.97	37.25 2.44 -10.66	41.72 2.38 -15.79	51.56 2.72 -21.14	48.81 2.98 -15.42	39.86 2.96 -7.86	38.35 2.60 -8.97	34.58 2.42 -7.23	28.49 2.67 -0.17	26.45 2.34 0.00
KEDC_GLWD_GT4 24219	26.25 0.62 -17.05	24.37 0.57 -15.63	24.50 0.34 -19.04	24.28 0.36 -18.70	25.17 0.35 -19.53	27.87 0.45 -21.27	39.17 0.52 -31.56	39.94 0.46 -32.74	33.05 1.75 -9.15	31.13 1.61 -10.31	29.00 2.14 -2.22	27.40 2.15 0.00	27.40 2.24 0.00	29.54 1.97 -5.48	32.85 2.07 -7.97	35.70 2.25 -9.31	41.46 2.16 -15.75	51.36 2.52 -21.14	48.53 2.71 -15.42	39.35 2.58 -7.73	37.50 2.30 -8.42	34.10 2.07 -7.10	28.39 1.95 -0.79	25.81 1.69 -0.01
KEDC_GLWD_GT5 24220	26.25 0.62 -17.05	24.37 0.57 -15.63	24.50 0.34 -19.04	24.28 0.36 -18.70	25.17 0.35 -19.53	27.87 0.45 -21.27	39.17 0.52 -31.56	39.94 0.46 -32.74	33.05 1.75 -9.15	31.13 1.61 -10.31	29.00 2.14 -2.22	27.40 2.15 0.00	27.40 2.24 0.00	29.54 1.97 -5.48	32.85 2.07 -7.97	35.70 2.25 -9.31	41.46 2.16 -15.75	51.36 2.52 -21.14	48.53 2.71 -15.42	39.35 2.58 -7.73	37.50 2.30 -8.42	34.10 2.07 -7.10	28.39 1.95 -0.79	25.81 1.69 -0.01
KENSICO____ 23655	26.04 0.44 -17.02	24.19 0.41 -15.61	24.37 0.24 -19.01	24.15 0.25 -18.68	25.04 0.24 -19.50	27.35 0.31 -20.90	38.94 0.37 -31.48	39.74 0.34 -32.65	32.49 1.22 -9.12	29.46 1.15 -9.10	27.55 1.55 -1.35	26.85 1.59 0.00	26.79 1.64 0.00	27.57 1.44 -4.04	27.14 1.50 -2.83	28.80 1.64 -3.01	34.84 1.55 -9.74	43.66 1.77 -14.19	37.29 1.95 -4.93	30.90 1.86 0.00	28.41 1.63 0.00	26.35 1.42 0.00	27.09 1.44 0.00	25.37 1.25 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	25.38 0.45 -16.35	23.58 0.42 -14.99	23.63 0.25 -18.26	23.42 0.26 -17.94	24.28 0.25 -18.74	26.51 0.29 -20.08	37.67 0.34 -30.24	38.44 0.33 -31.37	32.08 1.17 -8.76	29.04 1.09 -8.74	27.35 1.40 -1.30	26.70 1.44 0.00	26.34 1.18 0.00	27.01 1.04 -3.88	26.66 1.14 -2.72	28.29 1.26 -2.89	34.15 1.25 -9.35	42.80 1.47 -13.62	36.73 1.58 -4.74	30.49 1.45 0.00	28.36 1.58 0.00	26.30 1.37 0.00	27.06 1.41 0.00	25.34 1.23 0.00
KIAC_JFK_GT1 23816	26.12 0.49 -17.05	24.25 0.44 -15.63	24.42 0.26 -19.04	24.20 0.27 -18.71	25.09 0.26 -19.54	27.42 0.34 -20.93	39.04 0.42 -31.53	39.85 0.40 -32.71	32.72 1.44 -9.14	29.70 1.38 -9.11	27.85 1.85 -1.36	27.15 1.89 0.00	27.09 1.94 0.00	27.86 1.72 -4.04	27.44 1.80 -2.83	29.12 1.96 -3.01	35.19 1.88 -9.76	44.05 2.13 -14.21	37.69 2.34 -4.94	31.30 2.26 0.00	28.74 1.95 0.00	26.60 1.67 0.00	27.19 1.54 0.00	25.42 1.30 0.00
KIAC_JFK_GT2 23817	26.12 0.49 -17.05	24.25 0.44 -15.63	24.42 0.26 -19.04	24.20 0.27 -18.71	25.09 0.26 -19.54	27.42 0.34 -20.93	39.04 0.42 -31.53	39.85 0.40 -32.71	32.72 1.44 -9.14	29.70 1.38 -9.11	27.85 1.85 -1.36	27.15 1.89 0.00	27.09 1.94 0.00	27.86 1.72 -4.04	27.44 1.80 -2.83	29.12 1.96 -3.01	35.19 1.88 -9.76	44.05 2.13 -14.21	37.69 2.34 -4.94	31.30 2.26 0.00	28.74 1.95 0.00	26.60 1.67 0.00	27.19 1.54 0.00	25.42 1.30 0.00

KIAC_JFK____ 323774	26.12 0.49 -17.05	24.25 0.44 -15.63	24.42 0.26 -19.04	24.20 0.27 -18.71	25.09 0.26 -19.54	27.42 0.34 -20.93	39.08 0.42 -31.57	39.89 0.40 -32.75	32.73 1.44 -9.15	29.72 1.38 -9.12	27.85 1.85 -1.36	27.15 1.90 0.00	27.09 1.94 0.00	27.84 1.70 -4.05	27.44 1.80 -2.83	29.09 1.93 -3.01	35.19 1.88 -9.76	44.05 2.13 -14.21	37.69 2.34 -4.94	31.30 2.27 0.00	28.73 1.95 0.00	26.68 1.74 0.00	27.19 1.54 0.00	25.41 1.30 0.00
KINTIGH____ 23543	12.66 -0.09 -4.17	11.93 -0.07 -3.82	9.74 -0.05 -4.66	9.74 -0.06 -4.58	10.02 -0.05 -4.78	11.18 -0.08 -5.12	14.64 -0.16 -7.71	14.58 -0.16 -8.00	23.61 -0.78 -2.24	20.75 -0.69 -2.23	23.99 -0.99 -0.33	24.20 -1.06 0.00	24.10 -1.06 0.00	22.51 -0.57 -0.99	22.83 -0.66 -0.69	24.18 -0.70 -0.74	25.16 -0.78 -2.39	30.11 -1.08 -3.48	30.37 -1.25 -1.21	28.05 -0.99 0.00	25.63 -1.15 0.00	23.94 -1.00 0.00	24.68 -0.97 0.00	23.56 -0.55 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	0.45 -1.15 6.98	0.24 -1.11 6.82	0.23 -0.71 4.18	0.22 -0.72 4.28	0.11 -0.75 4.43	0.11 -0.86 5.17	0.85 -0.99 5.26	1.01 -0.94 4.79	0.30 -3.10 18.75	0.67 -2.69 15.85	0.49 -3.50 20.65	21.94 -3.31 0.01	21.99 -3.17 0.00	19.31 -2.94 -0.15	20.01 -2.90 -0.11	21.41 -2.85 -0.12	21.45 -2.47 -0.37	25.67 -2.58 -0.54	28.04 -2.55 -0.19	26.57 -2.47 0.00	25.09 -1.69 0.00	23.41 -1.52 0.00	24.21 -1.44 0.00	22.93 -1.18 0.00
LACHUTE____HYDRO 323717	30.67 0.91 -21.18	28.43 0.84 -19.42	29.30 0.53 -23.65	28.98 0.52 -23.24	30.11 0.55 -24.27	32.83 0.68 -26.01	47.15 0.86 -39.20	48.21 0.81 -40.66	36.14 2.63 -11.36	32.67 2.13 -11.33	29.06 2.73 -1.69	27.86 2.60 0.00	27.85 2.69 0.00	29.64 2.52 -5.03	28.85 2.53 -3.52	30.57 2.68 -3.74	38.27 2.59 -12.14	48.43 3.05 -17.68	39.78 3.22 -6.15	31.97 2.93 0.00	29.54 2.76 0.00	27.25 2.32 0.00	28.14 2.49 0.00	26.38 2.27 0.00
LAWRNCV_115KV_TB1 80681	2.02 -0.96 5.61	1.75 -0.92 5.50	1.33 -0.58 3.21	1.35 -0.57 3.30	1.29 -0.59 3.42	1.45 -0.68 4.02	2.40 -0.78 3.91	2.50 -0.74 3.50	4.13 -2.35 15.67	3.92 -2.15 13.14	4.56 -2.78 17.30	22.55 -2.70 0.01	22.57 -2.59 0.00	19.93 -2.36 -0.20	20.59 -2.35 -0.14	21.90 -2.39 -0.15	21.93 -2.10 -0.48	26.16 -2.24 -0.70	28.52 -2.13 -0.24	26.83 -2.21 0.00	25.25 -1.53 0.00	23.56 -1.37 0.00	24.29 -1.36 0.00	22.91 -1.21 0.00
LEDERLE____ 23769	25.51 0.46 -16.46	23.70 0.43 -15.10	23.77 0.26 -18.39	23.55 0.27 -18.06	24.42 0.26 -18.87	26.68 0.33 -20.21	37.92 0.38 -30.45	38.68 0.36 -31.58	32.23 1.26 -8.82	29.20 1.19 -8.80	27.53 1.58 -1.31	26.90 1.64 0.00	26.82 1.66 0.00	27.48 1.48 -3.91	27.09 1.55 -2.74	28.72 1.67 -2.91	34.57 1.60 -9.42	43.25 1.83 -13.72	37.16 1.98 -4.77	30.92 1.89 0.00	28.44 1.66 0.00	26.38 1.45 0.00	27.14 1.49 0.00	25.42 1.30 0.00
LIGHTHSE_115KV_TB6 355974	10.83 -0.05 -2.30	10.20 -0.05 -2.08	7.92 -0.03 -2.82	7.96 -0.02 -2.76	8.15 -0.02 -2.88	9.18 -0.02 -3.06	11.86 -0.02 -4.79	11.74 -0.01 -5.01	22.20 -0.11 -0.17	19.47 -0.12 -0.38	23.21 -0.20 1.23	25.03 -0.23 0.00	24.91 -0.25 0.00	22.54 -0.22 -0.67	23.02 -0.25 -0.47	24.33 -0.31 -0.50	24.91 -0.26 -1.62	29.82 -0.25 -2.36	31.02 -0.21 -0.82	28.78 -0.26 0.00	26.57 -0.21 0.00	24.76 -0.17 0.00	25.39 -0.26 0.00	23.90 -0.22 0.00
LINDEN COGEN____ 23786	26.07 0.44 -17.05	24.21 0.40 -15.63	24.40 0.24 -19.04	24.18 0.25 -18.71	25.07 0.24 -19.54	27.38 0.31 -20.93	39.03 0.37 -31.57	39.82 0.34 -32.75	32.53 1.24 -9.15	29.54 1.21 -9.12	27.65 1.65 -1.36	26.95 1.69 0.00	26.89 1.73 0.00	27.64 1.50 -4.05	27.23 1.60 -2.83	28.90 1.74 -3.01	34.93 1.62 -9.76	43.66 1.75 -14.21	37.36 2.01 -4.94	30.95 1.92 0.00	28.50 1.72 0.00	26.48 1.55 0.00	27.14 1.49 0.00	25.37 1.25 0.00
LINDHRST_69_KV_BK1 356055	26.34 0.71 -17.05	24.47 0.67 -15.63	24.56 0.40 -19.04	24.34 0.42 -18.70	25.23 0.41 -19.53	27.95 0.53 -21.27	39.23 0.62 -31.52	39.99 0.55 -32.70	33.34 2.06 -9.14	31.36 1.86 -10.29	29.32 2.46 -2.21	27.71 2.45 0.00	27.70 2.54 0.00	29.82 2.25 -5.47	33.14 2.37 -7.97	35.89 2.37 -9.38	41.75 2.45 -15.75	51.81 2.96 -21.14	48.96 3.13 -15.42	39.65 2.87 -7.74	37.72 2.49 -8.45	34.26 2.22 -7.11	28.66 2.57 -0.45	26.46 2.34 -0.01
LIPA_MISC_IPP 23656	26.34 0.70 -17.05	24.49 0.69 -15.63	24.57 0.40 -19.04	24.35 0.42 -18.70	25.23 0.40 -19.53	27.95 0.53 -21.27	39.24 0.62 -31.52	40.00 0.56 -32.70	33.39 2.10 -9.14	31.36 1.86 -10.29	29.29 2.44 -2.21	27.68 2.42 0.00	27.70 2.54 0.00	29.82 2.25 -5.47	33.16 2.39 -7.97	37.20 2.49 -10.57	41.83 2.50 -15.79	51.81 2.96 -21.14	48.93 3.10 -15.42	39.94 3.05 -7.85	38.34 2.62 -8.93	34.55 2.39 -7.22	28.54 2.72 -0.17	26.48 2.36 0.00
LISF____SOLAR 323691	26.35 0.72 -17.05	24.51 0.70 -15.63	24.58 0.41 -19.04	24.36 0.43 -18.70	25.23 0.41 -19.53	27.96 0.54 -21.27	39.29 0.64 -31.56	40.05 0.57 -32.74	33.42 2.13 -9.15	31.40 1.88 -10.31	29.32 2.46 -2.22	27.71 2.45 0.00	27.73 2.57 0.00	29.83 2.25 -5.48	33.17 2.39 -7.97	37.24 2.53 -10.56	41.88 2.54 -15.79	51.84 2.99 -21.14	49.05 3.22 -15.42	40.03 3.14 -7.85	38.39 2.68 -8.93	34.67 2.52 -7.22	28.59 2.77 -0.17	26.52 2.41 0.00
LITTLE FALLS____HYD 24013	9.39 0.27 -0.53	8.92 0.26 -0.48	5.87 0.16 -0.59	5.96 0.16 -0.58	6.05 0.16 -0.60	6.97 0.18 -0.65	8.29 0.23 -0.97	7.97 0.22 -1.01	23.11 0.69 -0.28	20.09 0.60 -0.28	25.47 0.79 -0.04	26.07 0.81 0.00	25.94 0.78 0.00	22.88 0.66 -0.12	23.44 0.55 -0.09	24.80 0.56 -0.09	24.41 0.57 -0.30	28.70 0.55 -0.44	31.41 0.85 -0.15	29.82 0.78 0.00	27.58 0.80 0.00	25.80 0.87 0.00	26.57 0.92 0.00	24.98 0.87 0.00
LITTLRIV_115KV_TB1 356100	2.25 -0.88 5.46	1.98 -0.84 5.35	1.49 -0.52 3.11	1.51 -0.52 3.19	1.46 -0.53 3.30	1.64 -0.61 3.89	2.63 -0.69 3.76	2.73 -0.65 3.36	4.74 -2.08 15.33	4.40 -1.96 12.85	5.19 -2.51 16.94	22.85 -2.40 0.01	22.84 -2.31 0.00	20.17 -2.12 -0.20	20.85 -2.10 -0.14	22.17 -2.12 -0.15	22.22 -1.81 -0.49	26.45 -1.97 -0.71	28.92 -1.73 -0.25	27.18 -1.86 0.00	25.60 -1.18 0.00	23.86 -1.07 0.00	24.60 -1.05 0.00	23.17 -0.94 0.00
LI_NEWBRDGE____DRP 323616	26.18 0.55 -17.05	24.32 0.51 -15.63	24.46 0.30 -19.04	24.24 0.32 -18.70	25.13 0.31 -19.53	27.82 0.41 -21.27	39.08 0.46 -31.52	39.85 0.40 -32.70	32.86 1.57 -9.14	30.96 1.46 -10.29	28.80 1.95 -2.21	27.20 1.94 0.00	27.17 2.01 0.00	29.35 1.79 -5.47	32.64 1.87 -7.97	35.46 2.00 -9.31	41.23 1.93 -15.75	51.09 2.24 -21.14	48.23 2.40 -15.42	39.09 2.32 -7.73	37.26 2.06 -8.42	33.83 1.80 -7.10	27.78 2.13 0.00	25.97 1.86 0.00
LOCKPORT_115KV_TB60_63_64 80432	12.89 -0.14 -4.44	12.14 -0.10 -4.07	10.01 -0.07 -4.96	10.01 -0.08 -4.87	10.30 -0.08 -5.09	11.48 -0.11 -5.45	15.08 -0.21 -8.20	15.03 -0.22 -8.51	23.53 -1.00 -2.38	20.68 -0.90 -2.37	23.76 -1.23 -0.35	24.17 -1.09 0.00	24.08 -1.08 0.00	22.46 -0.68 -1.05	22.74 -0.80 -0.74	24.09 -0.85 -0.78	25.13 -0.97 -2.55	30.14 -1.27 -3.71	30.24 -1.46 -1.29	28.05 -0.99 0.00	25.55 -1.23 0.00	23.89 -1.05 0.00	24.62 -1.03 0.00	23.61 -0.51 0.00

LOCKPORT___CC1 323769	12.90 -0.14 -4.45	12.16 -0.09 -4.08	10.02 -0.07 -4.97	10.02 -0.08 -4.88	10.31 -0.08 -5.10	11.50 -0.11 -5.46	15.18 -0.21 -8.30	15.14 -0.22 -8.61	23.56 -1.00 -2.41	20.71 -0.90 -2.40	23.77 -1.23 -0.36	24.15 -1.11 0.00	24.08 -1.08 0.00	22.25 -0.91 -1.07	22.72 -0.82 -0.74	24.09 -0.85 -0.79	25.13 -0.97 -2.55	30.15 -1.27 -3.72	30.18 -1.52 -1.29	28.05 -0.99 0.00	25.60 -1.18 0.00	23.96 -0.97 0.00	24.65 -1.00 0.00	23.61 -0.51 0.00
LOCKPORT___CC2 323770	12.90 -0.14 -4.45	12.16 -0.09 -4.08	10.02 -0.07 -4.97	10.02 -0.08 -4.88	10.31 -0.08 -5.10	11.50 -0.11 -5.46	15.18 -0.21 -8.30	15.14 -0.22 -8.61	23.56 -1.00 -2.41	20.71 -0.90 -2.40	23.77 -1.23 -0.36	24.15 -1.11 0.00	24.08 -1.08 0.00	22.25 -0.91 -1.07	22.72 -0.82 -0.74	24.09 -0.85 -0.79	25.13 -0.97 -2.55	30.15 -1.27 -3.72	30.18 -1.52 -1.29	28.05 -0.99 0.00	25.60 -1.18 0.00	23.96 -0.97 0.00	24.65 -1.00 0.00	23.61 -0.51 0.00
LOCKPORT___CC3 323771	12.90 -0.14 -4.45	12.16 -0.09 -4.08	10.02 -0.07 -4.97	10.02 -0.08 -4.88	10.31 -0.08 -5.10	11.50 -0.11 -5.46	15.18 -0.21 -8.30	15.14 -0.22 -8.61	23.56 -1.00 -2.41	20.71 -0.90 -2.40	23.77 -1.23 -0.36	24.15 -1.11 0.00	24.08 -1.08 0.00	22.25 -0.91 -1.07	22.72 -0.82 -0.74	24.09 -0.85 -0.79	25.13 -0.97 -2.55	30.15 -1.27 -3.72	30.18 -1.52 -1.29	28.05 -0.99 0.00	25.60 -1.18 0.00	23.96 -0.97 0.00	24.65 -1.00 0.00	23.61 -0.51 0.00
LONG_LAKE_PHOENIX 24014	11.43 -0.04 -2.89	10.77 -0.04 -2.64	8.41 -0.03 -3.31	8.45 -0.03 -3.25	8.66 -0.03 -3.40	9.75 -0.02 -3.63	12.60 -0.02 -5.53	12.47 -0.02 -5.75	23.23 -0.11 -1.20	20.38 -0.10 -1.26	24.21 -0.20 0.24	25.08 -0.18 0.00	24.96 -0.20 0.00	22.62 -0.20 -0.73	23.08 -0.23 -0.51	24.42 -0.27 -0.54	25.04 -0.26 -1.76	29.91 -0.36 -2.56	30.90 -0.40 -0.89	28.69 -0.35 0.00	26.41 -0.37 0.00	24.61 -0.32 0.00	25.29 -0.36 0.00	23.80 -0.31 0.00
LOVETT___3 23632	25.52 0.43 -16.51	23.71 0.40 -15.14	23.80 0.24 -18.44	23.58 0.25 -18.11	24.45 0.24 -18.92	26.71 0.30 -20.27	37.97 0.35 -30.53	38.74 0.33 -31.67	32.17 1.17 -8.85	29.13 1.09 -8.82	27.43 1.48 -1.31	26.77 1.52 0.00	26.69 1.53 0.00	27.38 1.37 -3.92	26.98 1.44 -2.74	28.61 1.55 -2.92	34.50 1.51 -9.45	43.18 1.72 -13.76	37.05 1.85 -4.79	30.81 1.77 0.00	28.33 1.55 0.00	26.28 1.35 0.00	27.04 1.39 0.00	25.32 1.21 0.00
LOVETT___4 23642	25.52 0.43 -16.51	23.71 0.40 -15.14	23.80 0.24 -18.44	23.58 0.25 -18.11	24.45 0.24 -18.92	26.71 0.30 -20.27	37.97 0.35 -30.53	38.74 0.33 -31.67	32.17 1.17 -8.85	29.13 1.09 -8.82	27.43 1.48 -1.31	26.77 1.52 0.00	26.69 1.53 0.00	27.38 1.37 -3.92	26.98 1.44 -2.74	28.61 1.55 -2.92	34.50 1.51 -9.45	43.18 1.72 -13.76	37.05 1.85 -4.79	30.81 1.77 0.00	28.33 1.55 0.00	26.28 1.35 0.00	27.04 1.39 0.00	25.32 1.21 0.00
LOVETT___5 23593	25.52 0.43 -16.51	23.71 0.40 -15.14	23.80 0.24 -18.44	23.58 0.25 -18.11	24.45 0.24 -18.92	26.71 0.30 -20.27	37.97 0.35 -30.53	38.74 0.33 -31.67	32.17 1.17 -8.85	29.13 1.09 -8.82	27.43 1.48 -1.31	26.77 1.52 0.00	26.69 1.53 0.00	27.38 1.37 -3.92	26.98 1.44 -2.74	28.61 1.55 -2.92	34.50 1.51 -9.45	43.18 1.72 -13.76	37.05 1.85 -4.79	30.81 1.77 0.00	28.33 1.55 0.00	26.28 1.35 0.00	27.04 1.39 0.00	25.32 1.21 0.00
LOWER RAQUET___HYD 24057	2.33 -0.94 5.31	2.05 -0.91 5.21	1.55 -0.57 3.01	1.57 -0.56 3.09	1.52 -0.58 3.20	1.71 -0.66 3.77	2.58 -0.76 3.75	2.67 -0.72 3.35	4.80 -2.30 15.04	4.41 -2.11 12.68	5.21 -2.74 16.69	22.62 -2.63 0.01	22.62 -2.54 0.00	19.96 -2.32 -0.19	20.65 -2.30 -0.15	21.96 -2.34 -0.15	22.00 -2.05 -0.50	26.24 -2.19 -0.73	28.59 -2.07 -0.25	26.89 -2.15 0.00	25.31 -1.47 0.00	23.59 -1.35 0.00	24.34 -1.31 0.00	22.93 -1.18 0.00
LOWER___HUDSON 24059	29.67 0.28 -20.80	27.52 0.27 -19.07	28.52 0.16 -23.23	28.21 0.17 -22.82	29.30 0.17 -23.84	31.90 0.22 -25.54	45.84 0.25 -38.50	46.94 0.26 -39.94	34.17 0.86 -11.16	31.05 0.71 -11.13	27.26 0.96 -1.66	26.22 0.96 0.00	26.11 0.96 0.00	27.92 0.88 -4.94	27.20 0.94 -3.46	28.81 0.99 -3.68	36.46 0.97 -11.95	46.18 1.08 -17.40	37.64 1.18 -6.05	30.11 1.08 0.00	27.82 1.04 0.00	25.80 0.87 0.00	26.50 0.85 0.00	24.84 0.72 0.00
LOWVILLE_115KV_TB2 356335	8.00 -0.13 0.45	7.54 -0.12 0.51	5.40 -0.08 -0.36	5.47 -0.06 -0.31	5.56 -0.06 -0.33	6.33 -0.07 -0.25	8.01 -0.06 -0.98	7.88 -0.04 -1.18	18.14 -0.18 3.83	15.84 -0.25 3.11	19.49 -0.34 4.80	24.90 -0.35 0.00	24.80 -0.35 0.00	22.11 -0.31 -0.32	22.71 -0.32 -0.23	24.07 -0.31 -0.24	24.14 -0.19 -0.78	28.65 -0.19 -1.14	30.86 0.06 -0.40	28.95 -0.09 0.00	26.86 0.08 0.00	25.01 0.07 0.00	25.65 0.00 0.00	24.09 -0.02 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	30.17 0.44 -21.15	27.97 0.41 -19.39	29.00 0.26 -23.62	28.68 0.26 -23.21	29.79 0.26 -24.24	32.44 0.33 -25.97	46.59 0.39 -39.11	47.69 0.38 -40.57	34.72 1.24 -11.34	31.51 1.00 -11.30	27.63 1.31 -1.68	26.55 1.29 0.00	26.49 1.33 0.00	28.32 1.22 -5.02	27.57 1.25 -3.52	29.24 1.35 -3.74	36.96 1.30 -12.12	46.89 1.52 -17.66	38.16 1.61 -6.14	30.52 1.48 0.00	28.17 1.39 0.00	26.08 1.15 0.00	26.88 1.23 0.00	25.20 1.09 0.00
LUTHERNY_35_KV_BK2 355980	30.17 0.44 -21.15	27.98 0.42 -19.39	29.00 0.26 -23.62	28.68 0.26 -23.21	29.79 0.26 -24.24	32.44 0.33 -25.97	46.60 0.40 -39.11	47.69 0.38 -40.57	34.72 1.24 -11.34	31.53 1.02 -11.30	27.65 1.33 -1.68	26.57 1.31 0.00	26.49 1.33 0.00	28.35 1.24 -5.02	27.60 1.28 -3.52	29.24 1.35 -3.74	36.99 1.32 -12.12	46.91 1.55 -17.66	38.19 1.64 -6.14	30.52 1.48 0.00	28.17 1.39 0.00	26.10 1.17 0.00	26.88 1.23 0.00	25.22 1.11 0.00
LWR___OSWEGATCHIE_HYD 23850	4.88 -0.62 3.08	4.52 -0.59 3.06	3.32 -0.37 1.43	3.37 -0.36 1.50	3.38 -0.37 1.55	3.83 -0.42 1.89	5.18 -0.47 1.44	5.17 -0.44 1.13	10.71 -1.42 10.02	9.51 -1.34 8.35	11.52 -1.75 11.38	23.54 -1.72 0.00	23.50 -1.66 0.00	20.84 -1.52 -0.28	21.49 -1.50 -0.19	22.81 -1.55 -0.21	22.90 -1.32 -0.67	27.27 -1.41 -0.97	29.47 -1.28 -0.34	27.64 -1.39 0.00	25.84 -0.94 0.00	24.08 -0.85 0.00	24.75 -0.90 0.00	23.29 -0.82 0.00
LYONS_FALL_HYD 23570	8.68 -0.02 -0.12	8.20 -0.02 -0.04	5.80 -0.01 -0.68	5.88 0.01 -0.64	5.97 0.01 -0.68	6.81 0.01 -0.66	8.24 0.03 -1.13	8.05 0.04 -1.27	19.91 0.09 2.33	17.33 0.00 1.88	21.57 0.02 3.09	25.26 0.00 0.00	25.18 0.03 0.00	22.36 0.00 -0.27	23.02 0.00 -0.21	24.37 0.00 -0.23	24.38 0.09 -0.73	28.86 0.08 -1.07	31.11 0.34 -0.37	29.21 0.18 0.00	27.08 0.30 0.00	25.21 0.27 0.00	25.86 0.20 0.00	24.31 0.19 0.00
MADISON___COUNTY_LFGE 323628	10.54 0.23 -1.73	9.96 0.22 -1.57	7.34 0.14 -2.07	7.41 0.15 -2.03	7.57 0.15 -2.12	8.58 0.18 -2.26	10.80 0.22 -3.49	10.60 0.22 -3.64	23.09 0.66 -0.28	20.13 0.52 -0.40	24.64 0.71 0.71	25.97 0.71 0.00	25.86 0.70 0.00	23.19 0.62 -0.48	23.76 0.62 -0.34	25.13 0.63 -0.36	25.35 0.64 -1.16	30.04 0.64 -1.69	31.88 0.88 -0.59	29.79 0.75 0.00	27.50 0.72 0.00	25.61 0.67 0.00	26.27 0.62 0.00	24.72 0.60 0.00

MALONE___115KV_TB1 356076	1.02 -1.10 6.47	0.78 -1.06 6.33	0.63 -0.67 3.82	0.63 -0.68 3.92	0.53 -0.70 4.06	0.60 -0.80 4.74	1.41 -0.92 4.76	1.55 -0.88 4.31	1.69 -2.86 17.60	1.84 -2.52 14.85	1.95 -3.28 19.42	22.14 -3.11 0.01	22.19 -2.97 0.00	19.50 -2.76 -0.17	20.21 -2.71 -0.12	21.57 -2.70 -0.13	21.58 -2.38 -0.41	25.81 -2.49 -0.60	28.21 -2.40 -0.21	26.66 -2.38 0.00	25.15 -1.63 0.00	23.49 -1.45 0.00	24.27 -1.39 0.00	22.93 -1.18 0.00
MAPLEWOD_115KV_TB3 80458	29.51 0.21 -20.71	27.37 0.21 -18.99	28.38 0.13 -23.13	28.07 0.13 -22.72	29.15 0.13 -23.73	31.73 0.17 -25.43	45.57 0.18 -38.30	46.64 0.18 -39.72	33.84 0.60 -11.10	30.78 0.50 -11.07	27.00 0.71 -1.65	26.02 0.76 0.00	25.91 0.75 0.00	27.67 0.66 -4.91	27.00 0.75 -3.44	28.56 0.75 -3.66	36.11 0.73 -11.84	45.83 0.89 -17.24	37.38 0.97 -6.00	29.91 0.87 0.00	27.66 0.88 0.00	25.66 0.72 0.00	26.34 0.69 0.00	24.69 0.58 0.00
MAPLE_RIDGE_WT_1 323574	-0.44 -0.67 8.35	-0.61 -0.64 8.14	-0.45 -0.40 5.18	-0.46 -0.40 5.28	-0.59 -0.41 5.47	-0.68 -0.47 6.35	-0.19 -0.55 6.73	0.00 -0.51 6.23	-1.25 -1.66 21.73	-0.62 -1.44 18.38	-0.90 -1.82 23.72	23.33 -1.92 0.01	23.30 -1.86 0.00	20.50 -1.68 -0.09	21.21 -1.66 -0.07	22.53 -1.69 -0.07	22.28 -1.51 -0.24	26.45 -1.61 -0.35	28.95 -1.58 -0.12	27.56 -1.48 0.00	25.71 -1.07 0.00	24.01 -0.92 0.00	24.78 -0.87 0.00	23.32 -0.80 0.00
MAPLE_RIDGE_WT_2 323611	-0.44 -0.67 8.35	-0.61 -0.64 8.14	-0.45 -0.40 5.18	-0.46 -0.40 5.28	-0.59 -0.41 5.47	-0.68 -0.47 6.35	-0.19 -0.55 6.73	0.00 -0.51 6.23	-1.25 -1.66 21.73	-0.62 -1.44 18.38	-0.90 -1.82 23.72	23.33 -1.92 0.01	23.30 -1.86 0.00	20.50 -1.68 -0.09	21.21 -1.66 -0.07	22.53 -1.69 -0.07	22.28 -1.51 -0.24	26.45 -1.61 -0.35	28.95 -1.58 -0.12	27.56 -1.48 0.00	25.71 -1.07 0.00	24.01 -0.92 0.00	24.78 -0.87 0.00	23.32 -0.80 0.00
MARBLE_RIVER_WT_PWR 323696	0.31 -1.25 7.03	0.10 -1.20 6.87	0.15 -0.76 4.21	0.13 -0.78 4.31	0.02 -0.80 4.47	0.00 -0.93 5.21	0.62 -1.06 5.40	0.78 -1.02 4.94	-0.07 -3.34 18.87	0.36 -2.90 15.95	0.16 -3.74 20.74	21.66 -3.59 0.01	21.69 -3.47 0.00	19.03 -3.20 -0.14	19.76 -3.15 -0.11	21.12 -3.14 -0.11	21.16 -2.75 -0.37	25.34 -2.91 -0.54	27.68 -2.92 -0.19	26.25 -2.79 0.00	24.80 -1.98 0.00	23.16 -1.77 0.00	23.96 -1.69 0.00	22.71 -1.40 0.00
MARSHVLE_115KV_TB1 80742	34.67 0.27 -25.81	32.10 0.26 -23.67	34.12 0.17 -28.83	33.72 0.17 -28.32	35.05 0.18 -29.58	38.06 0.22 -31.69	55.15 0.32 -47.74	56.58 0.32 -49.52	36.96 0.97 -13.84	33.73 0.73 -13.80	27.63 0.94 -2.05	26.14 0.88 0.00	26.09 0.93 0.00	29.10 0.88 -6.12	27.87 0.78 -4.29	29.63 0.92 -4.56	39.12 0.80 -14.77	50.36 1.14 -21.52	39.05 1.16 -7.49	30.02 0.99 0.00	27.66 0.88 0.00	25.90 0.97 0.00	26.55 0.90 0.00	24.81 0.70 0.00
MARSH_HILL_WT_PWR 323713	13.97 0.01 -5.38	13.12 0.02 -4.93	11.13 0.00 -6.00	11.11 -0.01 -5.90	11.45 0.00 -6.16	12.74 0.00 -6.60	17.15 -0.01 -10.07	17.14 -0.05 -10.45	24.64 -0.42 -2.92	21.70 -0.42 -2.91	24.46 -0.62 -0.43	24.90 -0.35 0.00	24.80 -0.35 0.00	23.10 -0.29 -1.29	23.35 -0.34 -0.89	25.05 -0.05 -0.95	26.50 -0.07 -3.02	32.05 -0.06 -4.40	31.85 -0.09 -1.53	29.65 0.61 0.00	27.08 0.30 0.00	25.31 0.37 0.00	25.96 0.31 0.00	24.69 0.58 0.00
MCINTYRE_115KV_TB2 80467	2.03 -0.88 5.68	1.77 -0.83 5.57	1.34 -0.52 3.27	1.36 -0.51 3.36	1.29 -0.52 3.47	1.46 -0.60 4.08	2.42 -0.69 3.99	2.51 -0.65 3.57	4.22 -2.08 15.84	3.92 -1.98 13.31	4.58 -2.56 17.50	22.80 -2.45 0.01	22.82 -2.34 0.00	20.14 -2.14 -0.20	20.84 -2.10 -0.14	22.17 -2.12 -0.15	22.20 -1.81 -0.47	26.54 -1.86 -0.69	29.00 -1.64 -0.24	27.24 -1.80 0.00	25.66 -1.12 0.00	23.94 -1.00 0.00	24.68 -0.97 0.00	23.25 -0.87 0.00
MECO___69_KV_BK1 80468	33.70 0.55 -24.56	31.22 0.52 -22.52	32.88 0.32 -27.43	32.50 0.32 -26.95	33.78 0.34 -28.15	36.73 0.43 -30.16	53.11 0.59 -45.43	54.45 0.59 -47.12	37.24 1.93 -13.17	33.91 1.58 -13.13	28.54 1.95 -1.95	27.15 1.89 0.00	27.14 1.99 0.00	29.80 1.88 -5.83	28.71 1.82 -4.08	30.61 2.12 -4.34	39.66 2.05 -14.06	50.23 2.05 -20.48	39.99 2.46 -7.12	31.22 2.18 0.00	28.79 2.01 0.00	26.75 1.82 0.00	27.37 1.72 0.00	25.49 1.37 0.00
MENANDS_115KV_TB5 355628	29.43 0.17 -20.67	27.29 0.16 -18.95	28.31 0.10 -23.08	28.00 0.10 -22.68	29.08 0.11 -23.68	31.65 0.13 -25.38	45.46 0.14 -38.22	46.52 0.13 -39.65	33.69 0.47 -11.08	30.64 0.38 -11.05	26.88 0.59 -1.64	25.89 0.63 0.00	25.79 0.63 0.00	27.55 0.55 -4.90	26.85 0.62 -3.44	28.40 0.60 -3.65	35.95 0.59 -11.81	45.63 0.72 -17.21	37.18 0.79 -5.98	29.73 0.70 0.00	27.53 0.75 0.00	25.53 0.60 0.00	26.22 0.56 0.00	24.57 0.46 0.00
MG INDUSTRY___DRP 24185	29.26 0.18 -20.49	27.13 0.17 -18.79	28.11 0.11 -22.88	27.81 0.11 -22.48	28.88 0.11 -23.48	31.42 0.12 -25.16	45.12 0.13 -37.89	46.18 0.13 -39.31	33.59 0.47 -10.98	30.56 0.40 -10.95	26.86 0.59 -1.63	25.86 0.61 0.00	25.79 0.63 0.00	27.48 0.53 -4.86	26.80 0.59 -3.41	28.37 0.60 -3.62	35.95 0.68 -11.72	45.60 0.83 -17.07	37.26 0.91 -5.94	29.85 0.81 0.00	27.58 0.80 0.00	25.61 0.67 0.00	26.29 0.64 0.00	24.64 0.53 0.00
MID___OSWEGATCHIE_HYD 23849	4.88 -0.62 3.08	4.52 -0.59 3.06	3.32 -0.37 1.43	3.37 -0.36 1.50	3.38 -0.37 1.55	3.83 -0.42 1.89	5.18 -0.47 1.44	5.17 -0.44 1.13	10.71 -1.42 10.02	9.51 -1.34 8.35	11.52 -1.75 11.38	23.54 -1.72 0.00	23.50 -1.66 0.00	20.84 -1.52 -0.28	21.49 -1.50 -0.19	22.81 -1.55 -0.21	22.90 -1.32 -0.67	27.27 -1.41 -0.97	29.47 -1.28 -0.34	27.64 -1.39 0.00	25.84 -0.94 0.00	24.08 -0.85 0.00	24.75 -0.90 0.00	23.29 -0.82 0.00
MID___RAQUETTE_HYD 23851	2.33 -0.94 5.31	2.05 -0.91 5.21	1.55 -0.57 3.01	1.57 -0.56 3.09	1.52 -0.58 3.20	1.71 -0.66 3.77	2.71 -0.76 3.62	2.80 -0.72 3.22	4.83 -2.30 15.01	4.51 -2.11 12.58	5.29 -2.74 16.61	22.63 -2.63 0.01	22.62 -2.54 0.00	19.98 -2.32 -0.21	20.64 -2.30 -0.15	21.96 -2.34 -0.15	22.00 -2.05 -0.50	26.24 -2.19 -0.73	28.59 -2.07 -0.25	26.89 -2.15 0.00	25.31 -1.47 0.00	23.59 -1.35 0.00	24.34 -1.31 0.00	22.93 -1.18 0.00
MILLIKEN___1 23584	14.04 0.26 -5.20	13.17 0.24 -4.76	11.07 0.15 -5.80	11.08 0.15 -5.70	11.40 0.15 -5.95	12.71 0.18 -6.38	16.93 0.23 -9.61	16.93 0.22 -9.97	25.55 0.62 -2.78	22.48 0.50 -2.78	25.65 0.59 -0.41	25.94 0.68 0.00	25.79 0.63 0.00	23.90 0.57 -1.23	24.24 0.57 -0.86	25.69 0.63 -0.92	27.15 0.64 -2.97	32.78 0.75 -4.33	32.73 0.82 -1.50	29.85 0.81 0.00	27.40 0.62 0.00	25.53 0.60 0.00	26.22 0.56 0.00	24.72 0.60 0.00
MILLIKEN___2 23585	14.04 0.26 -5.20	13.17 0.24 -4.76	11.07 0.15 -5.80	11.08 0.15 -5.70	11.40 0.15 -5.95	12.71 0.18 -6.38	16.93 0.23 -9.61	16.93 0.22 -9.97	25.55 0.62 -2.78	22.48 0.50 -2.78	25.65 0.59 -0.41	25.94 0.68 0.00	25.79 0.63 0.00	23.90 0.57 -1.23	24.24 0.57 -0.86	25.69 0.63 -0.92	27.15 0.64 -2.97	32.78 0.75 -4.33	32.73 0.82 -1.50	29.85 0.81 0.00	27.40 0.62 0.00	25.53 0.60 0.00	26.22 0.56 0.00	24.72 0.60 0.00

MILLIKEN___DIESEL 23629	14.04 0.26 -5.20	13.17 0.24 -4.76	11.07 0.15 -5.80	11.08 0.15 -5.70	11.40 0.15 -5.95	12.71 0.18 -6.38	16.93 0.23 -9.61	16.93 0.22 -9.97	25.55 0.62 -2.78	22.48 0.50 -2.78	25.65 0.59 -0.41	25.94 0.68 0.00	25.79 0.63 0.00	23.90 0.57 -1.23	24.24 0.57 -0.86	25.69 0.63 -0.92	27.15 0.64 -2.97	32.78 0.75 -4.33	32.73 0.82 -1.50	29.85 0.81 0.00	27.40 0.62 0.00	25.53 0.60 0.00	26.22 0.56 0.00	24.72 0.60 0.00
MILLSEAT___LFGE 323607	12.95 0.00 -4.37	12.20 0.02 -4.00	10.02 0.02 -4.88	10.01 -0.01 -4.79	10.30 0.01 -5.00	11.50 0.00 -5.36	15.17 -0.06 -8.15	15.12 -0.07 -8.45	24.00 -0.51 -2.36	21.09 -0.48 -2.36	24.28 -0.72 -0.35	24.70 -0.56 0.00	24.58 -0.58 0.00	22.67 -0.46 -1.05	23.16 -0.37 -0.73	24.53 -0.39 -0.77	25.56 -0.50 -2.50	30.74 -0.61 -3.65	30.82 -0.85 -1.27	28.54 -0.49 0.00	26.08 -0.70 0.00	24.36 -0.57 0.00	25.01 -0.64 0.00	23.92 -0.19 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	25.97 0.42 -16.97	24.12 0.39 -15.56	24.31 0.24 -18.95	24.08 0.25 -18.61	24.97 0.24 -19.44	27.27 0.30 -20.83	38.82 0.35 -31.37	39.62 0.33 -32.54	32.41 1.17 -9.09	29.39 1.11 -9.07	27.49 1.50 -1.35	26.80 1.54 0.00	26.72 1.56 0.00	27.49 1.37 -4.02	27.08 1.46 -2.82	28.72 1.57 -3.00	34.76 1.51 -9.71	43.56 1.72 -14.14	37.18 1.85 -4.92	30.81 1.77 0.00	28.36 1.58 0.00	26.28 1.35 0.00	27.04 1.39 0.00	25.32 1.21 0.00
MILLWOOD_13_KV_LOAD 356217	25.99 0.44 -16.97	24.14 0.41 -15.56	24.31 0.24 -18.95	24.09 0.25 -18.61	24.97 0.24 -19.44	27.28 0.31 -20.83	38.83 0.36 -31.37	39.62 0.34 -32.54	32.46 1.22 -9.09	29.43 1.15 -9.07	27.57 1.58 -1.35	26.85 1.59 0.00	26.79 1.64 0.00	27.55 1.44 -4.02	27.13 1.50 -2.82	28.79 1.64 -3.00	34.81 1.55 -9.71	43.62 1.77 -14.14	37.24 1.92 -4.92	30.87 1.83 0.00	28.39 1.61 0.00	26.33 1.40 0.00	27.06 1.41 0.00	25.34 1.23 0.00
MODEL_CITY_ENERGY 24167	12.82 -0.22 -4.46	12.08 -0.18 -4.09	9.98 -0.12 -4.98	9.98 -0.14 -4.89	10.27 -0.13 -5.11	11.44 -0.17 -5.47	15.12 -0.29 -8.32	15.08 -0.29 -8.63	23.32 -1.24 -2.41	20.50 -1.11 -2.41	23.50 -1.50 -0.36	23.87 -1.39 0.00	23.77 -1.38 0.00	21.99 -1.17 -1.07	22.47 -1.07 -0.74	23.80 -1.13 -0.79	24.86 -1.25 -2.56	29.82 -1.61 -3.73	29.82 -1.89 -1.30	27.70 -1.34 0.00	25.28 -1.50 0.00	23.66 -1.27 0.00	24.34 -1.31 0.00	23.34 -0.77 0.00
MODERN_LFGE___ 323580	12.82 -0.22 -4.46	12.08 -0.18 -4.09	9.98 -0.12 -4.98	9.98 -0.14 -4.89	10.27 -0.13 -5.11	11.44 -0.17 -5.47	15.12 -0.29 -8.32	15.08 -0.29 -8.63	23.32 -1.24 -2.41	20.50 -1.11 -2.41	23.50 -1.50 -0.36	23.87 -1.39 0.00	23.77 -1.38 0.00	21.99 -1.17 -1.07	22.47 -1.07 -0.74	23.80 -1.13 -0.79	24.86 -1.25 -2.56	29.82 -1.61 -3.73	29.82 -1.89 -1.30	27.70 -1.34 0.00	25.28 -1.50 0.00	23.66 -1.27 0.00	24.34 -1.31 0.00	23.34 0.00 0.00
MOHAWK_PAPER___DRP 24187	29.51 0.21 -20.71	27.37 0.21 -18.99	28.38 0.13 -23.13	28.07 0.13 -22.72	29.15 0.13 -23.73	31.73 0.17 -25.43	45.57 0.18 -38.30	46.64 0.18 -39.72	33.84 0.60 -11.10	30.78 0.50 -11.07	27.00 0.71 -1.65	26.02 0.76 0.00	25.91 0.75 0.00	27.67 0.66 -4.91	27.00 0.75 -3.44	28.56 0.75 -3.66	36.11 0.73 -11.84	45.83 0.89 -17.24	37.38 0.97 -6.00	29.91 0.87 0.00	27.66 0.88 0.00	25.66 0.72 0.00	26.34 0.69 0.00	24.69 0.58 0.00
MOHICAN__35_KV_115KV_LD 80490	30.30 0.55 -21.17	28.10 0.51 -19.41	29.09 0.32 -23.64	28.77 0.32 -23.23	29.88 0.33 -24.26	32.54 0.41 -25.99	46.76 0.52 -39.15	47.84 0.49 -40.61	35.06 1.57 -11.35	31.79 1.27 -11.31	27.98 1.65 -1.68	26.82 1.57 0.00	26.77 1.61 0.00	28.62 1.50 -5.02	27.85 1.53 -3.52	29.46 1.57 -3.74	37.16 1.48 -12.13	47.15 1.77 -17.67	38.41 1.85 -6.15	30.69 1.66 0.00	28.33 1.55 0.00	26.20 1.27 0.00	27.14 1.49 0.00	25.51 1.40 0.00
MONGAUP___HYD 23641	24.74 0.40 -15.75	22.99 0.38 -14.44	22.94 0.23 -17.59	22.74 0.24 -17.28	23.56 0.23 -18.05	25.75 0.27 -19.34	36.57 0.31 -29.16	37.30 0.30 -30.25	31.64 1.04 -8.45	28.58 0.94 -8.43	27.10 1.21 -1.25	26.50 1.24 0.00	26.41 1.26 0.00	26.92 1.08 -3.74	26.61 1.18 -2.62	28.23 1.30 -2.78	33.88 1.32 -9.01	42.30 1.47 -13.13	36.64 1.67 -4.57	30.58 1.54 0.00	28.20 1.42 0.00	26.20 1.27 0.00	26.96 1.31 0.00	25.25 1.13 0.00
MONTAUK___DIESEL 23721	26.62 0.99 -17.05	24.76 0.96 -15.63	24.73 0.57 -19.04	24.53 0.60 -18.70	25.40 0.58 -19.53	28.16 0.74 -21.27	39.49 0.88 -31.52	40.24 0.80 -32.70	34.16 2.88 -9.14	32.08 2.57 -10.29	30.21 3.35 -2.21	28.59 3.33 0.00	28.63 3.47 0.00	30.63 3.07 -5.47	34.01 3.24 -7.97	38.19 3.48 -10.57	42.89 3.56 -15.79	53.16 4.32 -21.14	50.30 4.47 -15.42	41.22 4.33 -7.85	39.44 3.72 -8.93	35.49 3.34 -7.22	29.49 3.67 -0.18	27.32 3.21 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	13.11 -0.24 -4.77	12.34 -0.20 -4.37	10.29 -0.15 -5.32	10.28 -0.17 -5.23	10.59 -0.16 -5.46	11.80 -0.20 -5.85	15.65 -0.25 -8.81	15.64 -0.24 -9.14	23.57 -1.13 -2.55	20.78 -0.98 -2.55	23.69 -1.33 -0.38	24.42 -0.83 0.00	24.38 -0.78 0.00	22.58 -0.64 -1.13	22.98 -0.62 -0.79	24.39 -0.60 -0.84	25.75 -0.54 -2.75	31.46 -0.25 -4.00	31.50 -0.30 -1.39	29.33 0.29 0.00	26.70 -0.08 0.00	24.91 -0.02 0.00	25.70 0.05 0.00	24.62 0.51 0.00
MORTIMER_115KV_TB3 55949	12.71 0.12 -4.01	11.97 0.12 -3.67	9.68 0.08 -4.48	9.69 0.07 -4.40	9.96 0.08 -4.59	11.16 0.10 -4.92	14.58 0.09 -7.41	14.51 0.08 -7.69	24.36 0.07 -2.15	21.37 0.02 -2.14	24.91 -0.05 -0.32	25.31 0.05 0.00	25.16 0.00 0.00	23.22 0.18 -0.95	23.56 0.09 -0.67	24.93 0.07 -0.71	25.84 0.00 -2.30	31.44 0.39 -3.34	31.51 -0.06 -1.16	28.66 -0.38 0.00	26.24 -0.54 0.00	24.48 -0.45 0.00	25.19 -0.46 0.00	23.90 -0.22 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	26.11 0.47 -17.05	24.24 0.43 -15.64	24.42 0.26 -19.04	24.20 0.27 -18.71	25.09 0.26 -19.54	27.41 0.33 -20.94	39.01 0.39 -31.53	39.82 0.36 -32.71	32.59 1.31 -9.14	29.57 1.25 -9.11	27.67 1.68 -1.36	26.98 1.72 0.00	26.92 1.76 0.00	27.68 1.55 -4.05	27.26 1.62 -2.83	28.92 1.76 -3.01	35.00 1.70 -9.76	43.80 1.88 -14.21	37.42 2.07 -4.94	31.04 2.00 0.00	28.52 1.74 0.00	26.45 1.52 0.00	27.19 1.54 0.00	25.46 1.35 0.00
MUNSVILLE_WIND_PWR 323609	16.32 0.70 -7.03	15.28 0.66 -6.45	13.39 0.41 -7.86	13.38 0.44 -7.72	13.78 0.43 -8.06	15.28 0.50 -8.64	20.91 0.62 -13.20	21.05 0.61 -13.70	27.77 1.79 -3.83	24.45 1.42 -3.82	27.11 1.90 -0.57	27.25 1.99 0.00	27.12 1.96 0.00	25.53 1.74 -1.69	25.82 1.85 -1.17	27.39 2.00 -1.24	29.57 2.00 -4.02	35.86 2.30 -5.86	35.21 2.77 -2.04	31.50 2.47 0.00	29.11 2.33 0.00	27.18 2.24 0.00	27.83 2.18 0.00	26.24 2.12 0.00
N SALMON___HYD 24042	1.02 -1.10 6.47	0.78 -1.06 6.33	0.63 -0.67 3.82	0.63 -0.68 3.92	0.53 -0.70 4.06	0.60 -0.80 4.74	1.30 -0.92 4.87	1.44 -0.88 4.43	1.66 -2.86 17.63	1.80 -2.52 14.89	1.94 -3.28 19.43	22.14 -3.11 0.01	22.19 -2.97 0.00	19.49 -2.76 -0.16	20.21 -2.71 -0.12	21.57 -2.70 -0.13	21.58 -2.38 -0.41	25.81 -2.49 -0.60	28.21 -2.40 -0.21	26.66 -2.38 0.00	25.15 -1.63 0.00	23.46 -1.47 0.00	24.27 -1.39 0.00	22.93 -1.18 0.00

N.AKRON__115KV_KNAPP 355671	12.96 -0.01 -4.39	12.22 0.02 -4.02	10.03 0.01 -4.90	10.03 -0.01 -4.81	10.32 0.00 -5.03	11.52 -0.01 -5.39	15.12 -0.07 -8.10	15.07 -0.07 -8.41	23.94 -0.55 -2.35	21.03 -0.52 -2.34	24.25 -0.74 -0.35	24.68 -0.58 0.00	24.55 -0.60 0.00	22.84 -0.29 -1.04	23.14 -0.39 -0.73	24.51 -0.41 -0.78	25.52 -0.54 -2.52	30.68 -0.69 -3.66	30.83 -0.85 -1.27	28.54 -0.49 0.00	26.00 -0.78 0.00	24.28 -0.65 0.00	25.01 -0.64 0.00	23.92 -0.19 0.00
N.BELMOR_69_KV_BK1 55787	26.26 0.63 -17.05	24.39 0.59 -15.63	24.51 0.35 -19.04	24.29 0.36 -18.70	25.17 0.35 -19.53	27.88 0.46 -21.27	39.14 0.52 -31.52	39.91 0.47 -32.70	33.05 1.77 -9.14	31.13 1.63 -10.29	29.02 2.17 -2.21	27.41 2.15 0.00	27.40 2.24 0.00	29.55 1.99 -5.47	32.85 2.08 -7.97	35.67 2.22 -9.31	41.46 2.17 -15.75	51.39 2.55 -21.14	48.56 2.74 -15.42	39.38 2.61 -7.73	37.50 2.30 -8.42	34.05 2.02 -7.10	28.96 2.28 -1.03	26.14 2.00 -0.02
N.E_GEN_SANDY PD 24062	27.90 0.29 -19.02	25.90 0.29 -17.44	26.54 0.17 -21.25	26.27 0.17 -20.87	27.26 0.17 -21.80	29.72 0.22 -23.36	42.55 0.24 -35.21	44.25 0.23 -37.28	32.40 0.80 -9.46	30.08 0.69 -10.18	27.09 0.94 -1.51	26.24 0.98 0.00	26.11 0.96 0.00	27.47 0.86 -4.52	26.90 0.94 -3.16	28.50 0.99 -3.36	35.40 0.97 -10.89	44.70 1.14 -15.86	37.20 1.28 -5.52	30.20 1.16 0.00	27.91 1.12 0.00	25.90 0.97 0.00	26.55 0.90 0.00	24.91 0.79 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	25.51 0.44 -16.49	23.70 0.41 -15.12	23.78 0.24 -18.42	23.57 0.25 -18.09	24.43 0.24 -18.90	26.70 0.31 -20.25	37.95 0.36 -30.50	38.71 0.34 -31.64	32.16 1.17 -8.84	29.14 1.11 -8.81	27.46 1.50 -1.31	26.80 1.54 0.00	26.72 1.56 0.00	27.40 1.39 -3.91	27.00 1.46 -2.74	28.63 1.57 -2.92	34.49 1.51 -9.44	43.17 1.72 -13.74	37.04 1.85 -4.78	30.81 1.77 0.00	28.33 1.55 0.00	26.28 1.35 0.00	27.06 1.41 0.00	25.32 1.21 0.00
N.QUEENS_27_KV_LOAD 356247	26.23 0.59 -17.05	24.36 0.56 -15.64	24.49 0.33 -19.04	24.27 0.34 -18.71	25.16 0.33 -19.54	27.45 0.37 -20.94	38.96 0.33 -31.53	39.76 0.31 -32.71	32.53 1.24 -9.14	29.53 1.21 -9.11	27.67 1.68 -1.36	26.98 1.72 0.00	26.92 1.76 0.00	27.68 1.55 -4.05	27.23 1.60 -2.83	28.90 1.74 -3.01	34.95 1.65 -9.76	43.74 1.83 -14.21	37.33 1.98 -4.94	31.04 2.00 0.00	28.47 1.69 0.00	26.45 1.52 0.00	27.29 1.64 0.00	25.73 1.62 0.00
N.TROY___115KV_TB1 355778	29.67 0.28 -20.80	27.52 0.27 -19.07	28.52 0.16 -23.23	28.21 0.17 -22.82	29.30 0.17 -23.84	31.90 0.22 -25.54	45.81 0.25 -38.47	46.91 0.26 -39.91	34.16 0.86 -11.15	31.04 0.71 -11.12	27.26 0.96 -1.66	26.22 0.96 0.00	26.11 0.96 0.00	27.89 0.86 -4.94	27.20 0.93 -3.46	28.81 0.99 -3.68	36.46 0.97 -11.95	46.19 1.08 -17.40	37.65 1.19 -6.05	30.11 1.07 0.00	27.82 1.04 0.00	25.76 0.82 0.00	26.50 0.85 0.00	24.84 0.72 0.00
NARROWS_GT1_1 24228	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.04 0.38 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.64 1.31 -9.12	27.77 1.78 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.75 1.61 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.60 1.67 0.00	27.34 1.69 0.00	25.66 1.54 0.00
NARROWS_GT1_2 24229	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.04 0.38 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.64 1.31 -9.12	27.77 1.78 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.75 1.61 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.60 1.67 0.00	27.34 1.69 0.00	25.66 1.54 0.00
NARROWS_GT1_3 24230	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.04 0.38 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.64 1.31 -9.12	27.77 1.78 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.75 1.61 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.60 1.67 0.00	27.34 1.69 0.00	25.66 1.54 0.00
NARROWS_GT1_4 24231	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.04 0.38 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.64 1.31 -9.12	27.77 1.78 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.75 1.61 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.60 1.67 0.00	27.34 1.69 0.00	25.66 1.54 0.00
NARROWS_GT1_5 24232	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.04 0.38 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.64 1.31 -9.12	27.77 1.78 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.75 1.61 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.60 1.67 0.00	27.34 1.69 0.00	25.66 1.54 0.00
NARROWS_GT1_6 24233	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.04 0.38 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.64 1.31 -9.12	27.77 1.78 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.75 1.61 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.60 1.67 0.00	27.34 1.69 0.00	25.66 1.54 0.00
NARROWS_GT1_7 24234	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.04 0.38 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.64 1.31 -9.12	27.77 1.78 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.75 1.61 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.60 1.67 0.00	27.34 1.69 0.00	25.66 1.54 0.00
NARROWS_GT1_8 24235	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.04 0.38 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.64 1.31 -9.12	27.77 1.78 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.75 1.61 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.60 1.67 0.00	27.34 1.69 0.00	25.66 1.54 0.00
NARROWS_GT2_1 24236	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.04 0.38 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.64 1.31 -9.12	27.77 1.78 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.75 1.61 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.60 1.67 0.00	27.34 1.69 0.00	25.66 1.54 0.00

NARROWS_GT2_2 24237	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.04 0.38 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.64 1.31 -9.12	27.77 1.78 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.75 1.61 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.60 1.67 0.00	27.34 1.69 0.00	25.66 1.54 0.00
NARROWS_GT2_3 24238	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.04 0.38 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.64 1.31 -9.12	27.77 1.78 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.75 1.61 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.60 1.67 0.00	27.34 1.69 0.00	25.66 1.54 0.00
NARROWS_GT2_4 24239	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.04 0.38 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.64 1.31 -9.12	27.77 1.78 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.75 1.61 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.60 1.67 0.00	27.34 1.69 0.00	25.66 1.54 0.00
NARROWS_GT2_5 24240	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.04 0.38 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.64 1.31 -9.12	27.77 1.78 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.75 1.61 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.60 1.67 0.00	27.34 1.69 0.00	25.66 1.54 0.00
NARROWS_GT2_6 24241	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.04 0.38 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.64 1.31 -9.12	27.77 1.78 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.75 1.61 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.60 1.67 0.00	27.34 1.69 0.00	25.66 1.54 0.00
NARROWS_GT2_7 24242	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.04 0.38 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.64 1.31 -9.12	27.77 1.78 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.75 1.61 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.60 1.67 0.00	27.34 1.69 0.00	25.66 1.54 0.00
NARROWS_GT2_8 24243	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.04 0.38 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.64 1.31 -9.12	27.77 1.78 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.75 1.61 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.60 1.67 0.00	27.34 1.69 0.00	25.66 1.54 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	28.54 0.41 -19.55	26.49 0.39 -17.92	27.20 0.25 -21.83	26.92 0.25 -21.45	27.94 0.25 -22.40	30.43 0.29 -24.00	43.59 0.35 -36.15	44.58 0.34 -37.50	33.69 1.06 -10.48	30.46 0.81 -10.45	27.23 1.03 -1.56	26.34 1.09 0.00	26.24 1.08 0.00	27.68 0.95 -4.64	27.12 1.07 -3.25	28.71 1.11 -3.46	35.64 0.92 -11.18	45.23 1.25 -16.28	37.35 1.28 -5.66	30.11 1.07 0.00	27.93 1.15 0.00	25.85 0.92 0.00	26.47 0.82 0.00	24.79 0.68 0.00
NCHELSEA_115KV_TR2 355582	26.20 0.45 -17.16	24.33 0.42 -15.73	24.54 0.26 -19.16	24.32 0.27 -18.83	25.21 0.26 -19.66	27.52 0.31 -21.07	39.18 0.35 -31.73	40.00 0.34 -32.92	32.54 1.20 -9.20	29.51 1.13 -9.17	27.51 1.50 -1.37	26.82 1.57 0.00	26.72 1.56 0.00	27.51 1.35 -4.07	27.11 1.46 -2.85	28.75 1.57 -3.03	34.87 1.51 -9.82	43.75 1.75 -14.30	37.24 1.85 -4.97	30.78 1.74 0.00	28.36 1.58 0.00	26.30 1.37 0.00	27.04 1.39 0.00	25.32 1.21 0.00
NEG CAPITAL___MECHNVIL 23645	30.05 0.42 -21.04	27.87 0.40 -19.29	28.87 0.25 -23.50	28.55 0.25 -23.09	29.66 0.25 -24.11	32.29 0.31 -25.84	46.42 0.38 -38.94	47.51 0.37 -40.40	34.65 1.22 -11.29	31.44 0.98 -11.25	27.62 1.31 -1.68	26.55 1.29 0.00	26.46 1.31 0.00	28.30 1.21 -5.00	27.55 1.25 -3.50	29.22 1.35 -3.72	36.93 1.32 -12.07	46.80 1.52 -17.58	38.16 1.64 -6.11	30.52 1.48 0.00	28.17 1.39 0.00	26.13 1.20 0.00	26.86 1.21 0.00	25.17 1.06 0.00
NEG CENTRAL_HIGH_ACRES 23767	12.32 -0.13 -3.86	11.60 -0.11 -3.54	9.37 -0.07 -4.31	9.38 -0.08 -4.24	9.64 -0.08 -4.43	10.80 -0.09 -4.74	14.19 -0.11 -7.21	14.12 -0.11 -7.48	23.77 -0.47 -2.09	20.87 -0.42 -2.08	24.34 -0.62 -0.31	24.60 -0.66 0.00	24.48 -0.68 0.00	22.42 -0.60 -0.93	22.96 -0.48 -0.64	24.32 -0.51 -0.68	25.22 -0.54 -2.21	30.21 -0.72 -3.22	30.64 -0.88 -1.12	28.22 -0.81 0.00	25.87 -0.91 0.00	24.11 -0.82 0.00	24.78 -0.87 0.00	23.46 -0.65 0.00
NEG CENTRAL___DRP 24199	12.70 0.11 -4.00	11.94 0.10 -3.67	9.66 0.07 -4.47	9.68 0.06 -4.39	9.95 0.07 -4.59	11.15 0.09 -4.92	14.62 0.12 -7.40	14.54 0.11 -7.68	24.56 0.27 -2.15	21.54 0.19 -2.14	25.16 0.20 -0.32	25.51 0.25 0.00	25.36 0.20 0.00	23.26 0.22 -0.95	23.65 0.18 -0.67	25.07 0.22 -0.71	26.02 0.19 -2.29	31.26 0.22 -3.33	31.81 0.24 -1.16	29.33 0.29 0.00	26.86 0.08 0.00	25.03 0.10 0.00	25.70 0.05 0.00	24.28 0.17 0.00
NEG CENTRAL___INDECK 23768	13.62 0.24 -4.79	12.79 0.22 -4.39	10.62 0.14 -5.35	10.61 0.13 -5.26	10.92 0.14 -5.49	12.20 0.18 -5.88	16.25 0.20 -8.96	16.22 0.19 -9.29	25.05 0.31 -2.60	21.93 0.14 -2.59	25.03 0.00 -0.39	25.31 0.05 0.00	25.21 0.05 0.00	23.31 0.07 -1.15	23.76 0.16 -0.80	25.28 0.29 -0.85	26.60 0.33 -2.73	32.15 0.47 -3.97	32.34 0.55 -1.38	29.94 0.90 0.00	27.40 0.62 0.00	25.53 0.60 0.00	26.14 0.49 0.00	24.81 0.70 0.00
NEG CENTRAL___SENECA 23627	13.01 0.16 -4.26	12.23 0.15 -3.91	9.98 0.10 -4.76	9.99 0.09 -4.67	10.27 0.10 -4.88	11.50 0.13 -5.23	15.13 0.16 -7.88	15.07 0.16 -8.17	24.78 0.35 -2.28	21.75 0.27 -2.28	25.25 0.27 -0.34	25.61 0.35 0.00	25.46 0.30 0.00	23.43 0.33 -1.01	23.81 0.30 -0.71	25.24 0.34 -0.75	26.29 0.31 -2.43	31.58 0.33 -3.55	32.04 0.40 -1.23	29.53 0.49 0.00	27.02 0.24 0.00	25.18 0.25 0.00	25.83 0.18 0.00	24.45 0.34 0.00
NEG CENTRAL___STATE_STREET 24147	12.64 0.11 -3.94	11.89 0.11 -3.62	9.59 0.07 -4.40	9.61 0.06 -4.33	9.88 0.07 -4.52	11.07 0.09 -4.84	14.50 0.12 -7.29	14.43 0.12 -7.56	24.59 0.33 -2.11	21.58 0.27 -2.11	25.25 0.30 -0.31	25.61 0.35 0.00	25.48 0.33 0.00	23.34 0.31 -0.94	23.73 0.27 -0.66	25.13 0.29 -0.70	26.08 0.28 -2.25	31.52 0.53 -3.28	31.88 0.33 -1.14	29.36 0.32 0.00	26.94 0.16 0.00	25.11 0.17 0.00	25.78 0.13 0.00	24.31 0.19 0.00

NEG MILLWOOD___DRP 24198	26.31 0.46 -17.26	24.43 0.43 -15.83	24.66 0.26 -19.28	24.43 0.27 -18.94	25.33 0.25 -19.78	27.65 0.31 -21.20	39.38 0.37 -31.92	40.22 0.36 -33.12	32.68 1.28 -9.25	29.68 1.25 -9.23	27.67 1.65 -1.37	26.95 1.69 0.00	26.87 1.71 0.00	27.67 1.48 -4.10	27.25 1.57 -2.87	28.94 1.74 -3.05	35.05 1.62 -9.88	43.95 1.86 -14.39	37.42 2.01 -5.00	30.92 1.89 0.00	28.47 1.69 0.00	26.40 1.47 0.00	27.09 1.44 0.00	25.34 1.23 0.00
NEG NORTH_FLCN_SEA 23793	0.43 -1.15 7.00	0.21 -1.11 6.85	0.22 -0.71 4.20	0.20 -0.72 4.30	0.09 -0.75 4.45	0.08 -0.87 5.19	0.83 -0.99 5.28	0.99 -0.94 4.81	0.25 -3.10 18.80	0.62 -2.69 15.90	0.43 -3.50 20.71	21.94 -3.31 0.01	21.99 -3.17 0.00	19.29 -2.96 -0.15	20.01 -2.90 -0.11	21.41 -2.85 -0.11	21.45 -2.47 -0.37	25.64 -2.60 -0.54	28.01 -2.58 -0.19	26.54 -2.50 0.00	25.07 -1.71 0.00	23.41 -1.52 0.00	24.21 -1.44 0.00	22.96 -1.16 0.00
NEG NORTH_KES_CHATEGAY 23792	0.49 -1.24 6.86	0.27 -1.19 6.71	0.27 -0.76 4.10	0.26 -0.77 4.20	0.15 -0.79 4.35	0.15 -0.92 5.07	0.90 -1.05 5.14	1.06 -1.00 4.68	0.37 -3.30 18.48	0.73 -2.86 15.62	0.56 -3.72 20.36	21.69 -3.56 0.01	21.74 -3.42 0.00	19.09 -3.16 -0.16	19.79 -3.12 -0.11	21.17 -3.09 -0.12	21.22 -2.71 -0.38	25.38 -2.88 -0.56	27.74 -2.86 -0.19	26.28 -2.76 0.00	24.83 -1.95 0.00	23.19 -1.75 0.00	23.98 -1.67 0.00	22.71 -1.40 0.00
NEG NORTH___ALICE_FALLS 23915	0.45 -1.15 6.98	0.24 -1.11 6.82	0.23 -0.71 4.18	0.22 -0.72 4.28	0.11 -0.75 4.43	0.11 -0.86 5.17	0.85 -0.99 5.26	1.01 -0.94 4.79	0.30 -3.10 18.75	0.67 -2.69 15.85	0.49 -3.50 20.65	21.94 -3.31 0.01	21.99 -3.17 0.00	19.31 -2.94 -0.15	20.01 -2.90 -0.11	21.41 -2.85 -0.12	21.45 -2.47 -0.37	25.67 -2.58 -0.54	28.04 -2.55 -0.19	26.57 -2.47 0.00	25.09 -1.69 0.00	23.41 -1.52 0.00	24.21 -1.44 0.00	22.93 -1.18 0.00
NEG NORTH___LWR_SARANAC 23913	0.45 -1.15 6.98	0.24 -1.11 6.82	0.23 -0.71 4.18	0.22 -0.72 4.28	0.11 -0.75 4.43	0.11 -0.86 5.17	0.85 -0.99 5.26	1.01 -0.94 4.79	0.30 -3.10 18.75	0.67 -2.69 15.85	0.49 -3.50 20.65	21.94 -3.31 0.01	21.99 -3.17 0.00	19.31 -2.94 -0.15	20.01 -2.90 -0.11	21.41 -2.85 -0.12	21.45 -2.47 -0.37	25.67 -2.58 -0.54	28.04 -2.55 -0.19	26.57 -2.47 0.00	25.09 -1.69 0.00	23.41 -1.52 0.00	24.21 -1.44 0.00	22.93 -1.18 0.00
NEG NORTH___PLATTSBURG 23628	0.45 -1.15 6.98	0.24 -1.11 6.82	0.23 -0.71 4.18	0.22 -0.72 4.28	0.11 -0.75 4.43	0.11 -0.86 5.17	0.74 -0.99 5.36	0.90 -0.94 4.90	0.27 -3.10 18.78	0.65 -2.69 15.86	0.51 -3.50 20.64	21.94 -3.31 0.01	21.99 -3.17 0.00	19.29 -2.96 -0.14	20.01 -2.90 -0.11	21.41 -2.85 -0.12	21.45 -2.47 -0.37	25.67 -2.58 -0.54	28.04 -2.55 -0.19	26.57 -2.47 0.00	25.09 -1.69 0.00	23.41 -1.52 0.00	24.22 -1.44 0.00	22.93 -1.18 0.00
NEG WEST_LEA_LOCKPORT 23791	12.90 -0.14 -4.45	12.16 -0.09 -4.08	10.02 -0.07 -4.97	10.02 -0.08 -4.88	10.31 -0.08 -5.10	11.49 -0.11 -5.46	15.10 -0.21 -8.22	15.06 -0.22 -8.53	23.53 -1.00 -2.38	20.68 -0.90 -2.38	23.76 -1.23 -0.35	24.15 -1.11 0.00	24.08 -1.08 0.00	22.44 -0.71 -1.06	22.74 -0.80 -0.74	24.09 -0.85 -0.79	25.13 -0.97 -2.55	30.15 -1.27 -3.72	30.24 -1.46 -1.29	28.05 -0.99 0.00	25.58 -1.21 0.00	23.89 -1.05 0.00	24.65 -1.00 0.00	23.61 -0.51 0.00
NEG WEST___LANCASTR 23811	13.05 -0.28 -4.75	12.29 -0.25 -4.36	10.26 -0.17 -5.31	10.26 -0.18 -5.22	10.56 -0.18 -5.45	11.76 -0.22 -5.84	15.59 -0.29 -8.79	15.56 -0.30 -9.11	23.39 -1.31 -2.55	20.58 -1.17 -2.54	23.47 -1.55 -0.38	24.65 -0.61 0.00	24.55 -0.60 0.00	22.23 -0.99 -1.13	22.48 -1.12 -0.79	23.80 -1.18 -0.84	25.03 -1.25 -2.73	30.22 -1.47 -3.98	30.06 -1.73 -1.38	28.78 -0.26 0.00	26.19 -0.59 0.00	24.46 -0.47 0.00	25.19 -0.46 0.00	24.19 0.07 0.00
NEG_PENN_ALLEGHNY 23528	16.18 0.17 -7.42	15.14 0.16 -6.80	13.51 0.10 -8.29	13.47 0.10 -8.14	13.90 0.11 -8.50	15.37 0.12 -9.11	21.08 0.14 -13.85	21.24 0.13 -14.37	26.49 0.33 -4.01	23.48 0.27 -4.00	25.58 0.34 -0.60	25.74 0.48 0.00	25.61 0.45 0.00	24.27 0.40 -1.78	24.40 0.36 -1.23	25.87 0.41 -1.31	28.17 0.38 -4.24	34.33 0.44 -6.18	32.98 0.43 -2.15	29.62 0.58 0.00	27.18 0.40 0.00	25.36 0.42 0.00	26.04 0.39 0.00	24.57 0.46 0.00
NEG___GEN_MONROE 24207	12.76 0.15 -4.03	12.02 0.16 -3.69	9.72 0.10 -4.50	9.72 0.08 -4.42	10.00 0.09 -4.62	11.20 0.12 -4.95	14.63 0.10 -7.45	14.54 0.07 -7.72	24.33 0.02 -2.16	21.34 -0.02 -2.15	24.84 -0.12 -0.32	25.28 0.03 0.00	25.13 -0.03 0.00	23.18 0.13 -0.96	23.49 0.02 -0.67	24.81 -0.05 -0.71	25.71 -0.14 -2.31	31.26 0.19 -3.36	31.36 -0.21 -1.17	28.66 -0.38 0.00	26.22 -0.56 0.00	24.51 -0.42 0.00	25.21 -0.44 0.00	23.99 -0.12 0.00
NEPA___ENERGY 23901	13.38 -0.02 -4.81	12.59 0.01 -4.41	10.49 -0.01 -5.37	10.48 -0.02 -5.28	10.79 -0.01 -5.51	12.02 -0.03 -5.91	15.91 -0.07 -8.89	15.87 -0.09 -9.23	24.06 -0.66 -2.58	21.16 -0.61 -2.57	24.16 -0.86 -0.38	24.83 -0.43 0.00	24.75 -0.40 0.00	22.88 -0.35 -1.14	23.15 -0.46 -0.80	24.51 -0.48 -0.85	25.79 -0.52 -2.76	31.18 -0.55 -4.03	31.05 -0.76 -1.40	29.10 0.06 0.00	26.46 -0.32 0.00	24.71 -0.22 0.00	25.47 -0.18 0.00	24.40 0.29 0.00
NEVERSINK___HYD 23608	24.63 0.40 -15.64	22.89 0.38 -14.34	22.82 0.23 -17.47	22.62 0.24 -17.16	23.44 0.23 -17.92	25.61 0.26 -19.21	36.36 0.30 -28.97	37.09 0.30 -30.05	31.58 1.04 -8.40	28.56 0.98 -8.37	27.17 1.28 -1.25	26.60 1.34 0.00	25.69 0.53 0.00	26.23 0.42 -3.72	25.90 0.50 -2.60	27.49 0.58 -2.77	33.11 0.61 -8.96	41.53 0.77 -13.05	35.67 0.73 -4.54	29.65 0.61 0.00	28.17 1.39 0.00	26.20 1.27 0.00	26.93 1.28 0.00	25.20 1.09 0.00
NEWKRMKL_115KV_TB1 55635	29.39 0.13 -20.68	27.25 0.12 -18.96	28.29 0.08 -23.09	27.98 0.07 -22.69	29.06 0.08 -23.69	31.63 0.10 -25.39	45.44 0.11 -38.24	46.51 0.10 -39.67	33.61 0.38 -11.08	30.57 0.31 -11.05	26.80 0.52 -1.65	25.81 0.56 0.00	25.71 0.55 0.00	27.48 0.49 -4.91	26.79 0.55 -3.44	28.33 0.53 -3.66	35.86 0.49 -11.82	45.53 0.61 -17.22	37.06 0.67 -5.99	29.59 0.55 0.00	27.42 0.64 0.00	25.43 0.50 0.00	26.11 0.46 0.00	24.48 0.36 0.00
NEWTON___FALLS_HYD 23847	4.88 -0.62 3.08	4.52 -0.59 3.06	3.32 -0.37 1.43	3.37 -0.36 1.50	3.38 -0.37 1.55	3.83 -0.42 1.89	5.18 -0.47 1.44	5.17 -0.44 1.13	10.71 -1.42 10.02	9.51 -1.34 8.35	11.52 -1.75 11.38	23.54 -1.72 0.00	23.50 -1.66 0.00	20.84 -1.52 -0.28	21.49 -1.50 -0.19	22.81 -1.55 -0.21	22.90 -1.32 -0.67	27.27 -1.41 -0.97	29.47 -1.28 -0.34	27.64 -1.39 0.00	25.84 -0.94 0.00	24.08 -0.85 0.00	24.75 -0.90 0.00	23.29 -0.82 0.00
NGRID_A1_DSASP 323792	12.75 -0.28 -4.44	12.04 -0.20 -4.08	9.96 -0.13 -4.96	9.96 -0.14 -4.88	10.24 -0.15 -5.09	11.38 -0.22 -5.46	14.99 -0.35 -8.25	14.95 -0.35 -8.56	23.13 -1.42 -2.40	20.38 -1.23 -2.40	23.30 -1.70 -0.36	23.62 -1.64 0.00	23.52 -1.63 0.00	21.77 -1.39 -1.06	22.29 -1.25 -0.74	23.60 -1.33 -0.79	24.64 -1.46 -2.55	29.54 -1.88 -3.71	29.51 -2.19 -1.29	27.41 -1.63 0.00	25.01 -1.77 0.00	23.44 -1.50 0.00	24.11 -1.54 0.00	23.15 -0.97 0.00

NGRID_A2_DSASP 323793	12.75 -0.28 -4.44	12.04 -0.20 -4.08	9.96 -0.13 -4.96	9.96 -0.14 -4.88	10.24 -0.15 -5.09	11.38 -0.22 -5.46	14.99 -0.35 -8.25	14.95 -0.35 -8.56	23.13 -1.42 -2.40	20.38 -1.23 -2.40	23.30 -1.70 -0.36	23.62 -1.64 0.00	23.52 -1.63 0.00	21.77 -1.39 -1.06	22.29 -1.25 -0.74	23.60 -1.33 -0.79	24.64 -1.46 -2.55	29.54 -1.88 -3.71	29.51 -2.19 -1.29	27.41 -1.63 0.00	25.01 -1.77 0.00	23.44 -1.50 0.00	24.11 -1.54 0.00	23.15 -0.97 0.00
NGRID_A4_DSASP 323807	12.75 -0.28 -4.44	12.04 -0.20 -4.08	9.96 -0.13 -4.96	9.96 -0.14 -4.88	10.24 -0.15 -5.09	11.38 -0.22 -5.46	14.99 -0.35 -8.25	14.95 -0.35 -8.56	23.13 -1.42 -2.40	20.38 -1.23 -2.40	23.30 -1.70 -0.36	23.62 -1.64 0.00	23.52 -1.63 0.00	21.77 -1.39 -1.06	22.29 -1.25 -0.74	23.60 -1.33 -0.79	24.64 -1.46 -2.55	29.54 -1.88 -3.71	29.51 -2.19 -1.29	27.41 -1.63 0.00	25.01 -1.77 0.00	23.44 -1.50 0.00	24.11 -1.54 0.00	23.15 -0.97 0.00
NIAGARA_115E_LBMP 323715	12.79 -0.27 -4.47	12.05 -0.22 -4.10	9.96 -0.15 -4.99	9.96 -0.16 -4.90	10.25 -0.16 -5.12	11.42 -0.21 -5.49	15.09 -0.34 -8.34	15.06 -0.34 -8.65	23.17 -1.39 -2.42	20.37 -1.25 -2.41	23.35 -1.65 -0.36	23.69 -1.57 0.00	23.60 -1.56 0.00	21.84 -1.32 -1.07	22.34 -1.21 -0.74	23.66 -1.28 -0.79	24.70 -1.41 -2.56	29.64 -1.80 -3.73	29.61 -2.10 -1.30	27.53 -1.51 0.00	25.09 -1.69 0.00	23.51 -1.42 0.00	24.19 -1.46 0.00	23.20 -0.92 0.00
NIAGARA_115W_LBMP 323714	12.72 -0.30 -4.44	12.02 -0.22 -4.07	9.94 -0.14 -4.96	9.94 -0.15 -4.87	10.22 -0.16 -5.09	11.37 -0.23 -5.45	14.96 -0.37 -8.24	14.92 -0.37 -8.55	23.06 -1.48 -2.40	20.32 -1.29 -2.40	23.25 -1.75 -0.36	23.54 -1.72 0.00	23.45 -1.71 0.00	21.70 -1.46 -1.06	22.22 -1.32 -0.74	23.53 -1.40 -0.78	24.56 -1.53 -2.55	29.45 -1.97 -3.71	29.45 -2.25 -1.29	27.32 -1.71 0.00	24.93 -1.85 0.00	23.36 -1.57 0.00	24.06 -1.59 0.00	23.08 -1.04 0.00
NIAGARA_230_LBMP 323716	12.79 -0.20 -4.40	12.06 -0.15 -4.04	9.94 -0.10 -4.92	9.94 -0.11 -4.83	10.22 -0.11 -5.05	11.39 -0.15 -5.41	15.04 -0.27 -8.22	15.00 -0.27 -8.53	23.35 -1.17 -2.38	20.55 -1.04 -2.38	23.54 -1.45 -0.35	23.87 -1.39 0.00	23.80 -1.36 0.00	21.97 -1.17 -1.05	22.49 -1.05 -0.73	23.84 -1.09 -0.78	24.90 -1.18 -2.53	29.81 -1.58 -3.68	29.80 -1.89 -1.28	27.76 -1.28 0.00	25.31 -1.47 0.00	23.71 -1.22 0.00	24.42 -1.23 0.00	23.41 -0.70 0.00
NIAGARA__115KV_198_GIBSON 55903	12.72 -0.30 -4.44	12.02 -0.22 -4.07	9.94 -0.14 -4.96	9.94 -0.15 -4.87	10.22 -0.16 -5.09	11.37 -0.23 -5.45	14.88 -0.37 -8.16	14.84 -0.37 -8.47	23.04 -1.48 -2.38	20.26 -1.33 -2.37	23.25 -1.75 -0.35	23.54 -1.72 0.00	23.45 -1.71 0.00	21.95 -1.19 -1.05	22.24 -1.30 -0.74	23.53 -1.40 -0.78	24.56 -1.53 -2.55	29.45 -1.97 -3.71	29.48 -2.22 -1.29	27.32 -1.71 0.00	24.91 -1.87 0.00	23.31 -1.62 0.00	24.06 -1.59 0.00	23.08 -1.04 0.00
NIAGARA____ 23760	12.84 -0.20 -4.45	12.11 -0.15 -4.09	10.00 -0.10 -4.98	10.00 -0.11 -4.89	10.28 -0.11 -5.11	11.46 -0.15 -5.47	15.11 -0.27 -8.29	15.05 -0.27 -8.58	23.37 -1.17 -2.40	20.57 -1.04 -2.40	23.54 -1.45 -0.36	23.87 -1.39 0.00	23.80 -1.36 0.00	21.98 -1.17 -1.06	22.49 -1.05 -0.74	23.84 -1.09 -0.78	24.91 -1.18 -2.54	29.83 -1.58 -3.71	29.81 -1.89 -1.29	27.76 -1.28 0.00	25.31 -1.47 0.00	23.71 -1.22 0.00	24.42 -1.23 0.00	23.41 -0.70 0.00
NINE_MILE_1 23575	11.05 -0.17 -2.64	10.43 -0.16 -2.42	7.97 -0.10 -2.95	8.02 -0.10 -2.90	8.21 -0.11 -3.03	9.26 -0.12 -3.24	11.87 -0.14 -4.92	11.71 -0.13 -5.10	23.11 -0.47 -1.43	20.21 -0.42 -1.42	24.26 -0.59 -0.21	24.65 -0.61 0.00	24.53 -0.63 0.00	22.17 -0.55 -0.63	22.65 -0.59 -0.44	23.99 -0.63 -0.47	24.42 -0.63 -1.51	29.16 -0.75 -2.20	30.32 -0.85 -0.77	28.25 -0.78 0.00	26.00 -0.78 0.00	24.23 -0.70 0.00	24.96 -0.69 0.00	23.51 -0.60 0.00
NINE_MILE_2 23744	11.04 -0.17 -2.63	10.42 -0.16 -2.41	7.96 -0.10 -2.94	8.01 -0.10 -2.89	8.20 -0.11 -3.02	9.25 -0.12 -3.23	11.85 -0.14 -4.90	11.69 -0.13 -5.08	23.10 -0.47 -1.42	20.20 -0.42 -1.42	24.26 -0.59 -0.21	24.65 -0.61 0.00	24.53 -0.63 0.00	22.17 -0.55 -0.63	22.65 -0.59 -0.44	23.98 -0.63 -0.47	24.42 -0.63 -1.51	29.15 -0.75 -2.19	30.32 -0.85 -0.76	28.25 -0.78 0.00	26.00 -0.78 0.00	24.23 -0.70 0.00	24.96 -0.69 0.00	23.51 -0.60 0.00
NM_CAPITAL____DRP 24208	29.35 0.15 -20.62	27.23 0.15 -18.91	28.24 0.09 -23.03	27.94 0.09 -22.63	29.01 0.09 -23.63	31.58 0.12 -25.32	45.35 0.13 -38.14	46.42 0.11 -39.56	33.60 0.40 -11.05	30.58 0.35 -11.02	26.82 0.54 -1.64	25.84 0.58 0.00	25.74 0.58 0.00	27.49 0.51 -4.89	26.80 0.57 -3.43	28.35 0.56 -3.65	35.85 0.52 -11.79	45.54 0.66 -17.17	37.11 0.73 -5.97	29.65 0.61 0.00	27.48 0.70 0.00	25.48 0.55 0.00	26.16 0.51 0.00	24.52 0.41 0.00
NM_CENTRAL____DRP 24181	11.68 0.02 -3.08	11.00 0.02 -2.81	8.64 0.01 -3.51	8.67 0.01 -3.44	8.90 0.01 -3.60	10.00 0.01 -3.85	12.96 0.02 -5.85	12.84 0.02 -6.08	23.51 0.02 -1.34	20.62 0.02 -1.39	24.45 -0.02 0.17	25.26 0.00 0.00	25.13 -0.03 0.00	22.84 -0.02 -0.77	23.29 -0.05 -0.54	24.65 -0.07 -0.57	25.30 -0.09 -1.85	30.29 -0.11 -2.69	31.16 -0.18 -0.94	28.89 -0.15 0.00	26.57 -0.21 0.00	24.78 -0.15 0.00	25.45 -0.21 0.00	23.97 -0.14 0.00
NM_FRONTIER____DRP 24179	12.72 -0.30 -4.44	12.02 -0.22 -4.07	9.94 -0.14 -4.96	9.94 -0.15 -4.87	10.22 -0.16 -5.09	11.37 -0.23 -5.45	14.88 -0.37 -8.16	14.84 -0.37 -8.47	23.04 -1.48 -2.38	20.26 -1.33 -2.37	23.25 -1.75 -0.35	23.54 -1.72 0.00	23.45 -1.71 0.00	21.95 -1.19 -1.05	22.24 -1.30 -0.74	23.53 -1.40 -0.78	24.56 -1.53 -2.55	29.45 -1.97 -3.71	29.48 -2.22 -1.29	27.32 -1.71 0.00	24.91 -1.87 0.00	23.31 -1.62 0.00	24.06 -1.59 0.00	23.08 -1.04 0.00
NM_ST_REGIS____HYD 24053	2.03 -1.00 5.55	1.76 -0.96 5.44	1.34 -0.60 3.17	1.36 -0.60 3.26	1.30 -0.62 3.37	1.46 -0.71 3.97	2.43 -0.81 3.86	2.53 -0.77 3.45	4.15 -2.46 15.54	3.91 -2.25 13.05	4.55 -2.91 17.19	22.47 -2.78 0.01	22.47 -2.69 0.00	19.82 -2.47 -0.20	20.50 -2.44 -0.14	21.83 -2.46 -0.15	21.86 -2.17 -0.48	26.11 -2.30 -0.70	28.46 -2.19 -0.24	26.80 -2.24 0.00	25.23 -1.55 0.00	23.54 -1.40 0.00	24.29 -1.36 0.00	22.91 -1.21 0.00
NORTHPORT____1 23551	26.25 0.62 -17.05	24.39 0.59 -15.63	24.50 0.34 -19.04	24.29 0.36 -18.70	25.17 0.34 -19.53	27.88 0.47 -21.27	39.20 0.55 -31.56	39.96 0.48 -32.74	33.11 1.82 -9.15	31.17 1.65 -10.31	29.05 2.19 -2.22	27.43 2.17 0.00	27.43 2.27 0.00	29.54 1.97 -5.48	32.85 2.07 -7.97	35.46 2.00 -9.31	41.46 2.16 -15.75	51.36 2.52 -21.14	48.50 2.68 -15.42	39.38 2.61 -7.73	37.31 2.12 -8.42	34.10 2.07 -7.10	28.21 2.41 -0.15	26.21 2.10 0.00
NORTHPORT____2 23552	26.25 0.62 -17.05	24.39 0.59 -15.63	24.50 0.34 -19.04	24.29 0.36 -18.70	25.17 0.34 -19.53	27.88 0.47 -21.27	39.20 0.55 -31.56	39.96 0.48 -32.74	33.11 1.82 -9.15	31.17 1.65 -10.31	29.05 2.19 -2.22	27.43 2.17 0.00	27.43 2.27 0.00	29.54 1.97 -5.48	32.85 2.07 -7.97	35.46 2.00 -9.31	41.46 2.16 -15.75	51.36 2.52 -21.14	48.50 2.68 -15.42	39.38 2.61 -7.73	37.31 2.12 -8.42	34.10 2.07 -7.10	28.21 2.41 -0.15	26.21 2.10 0.00

NORTHPORT___3 23553	26.24 0.61 -17.05	24.37 0.57 -15.63	24.50 0.34 -19.04	24.28 0.35 -18.70	25.17 0.34 -19.53	27.87 0.45 -21.27	39.08 0.43 -31.56	39.86 0.38 -32.74	33.05 1.75 -9.15	31.13 1.61 -10.31	29.00 2.14 -2.22	27.40 2.15 0.00	27.40 2.24 0.00	29.52 1.94 -5.48	32.83 2.05 -7.97	35.68 2.30 -9.24	41.15 1.86 -15.75	51.01 2.16 -21.14	48.14 2.31 -15.42	39.05 2.29 -7.72	37.55 2.38 -8.39	34.02 2.00 -7.09	28.10 2.31 -0.14	26.13 2.03 0.00
NORTHPORT___4 23650	26.24 0.61 -17.05	24.37 0.57 -15.63	24.50 0.34 -19.04	24.28 0.35 -18.70	25.17 0.34 -19.53	27.87 0.45 -21.27	39.08 0.43 -31.56	39.86 0.38 -32.74	33.05 1.75 -9.15	31.13 1.61 -10.31	29.00 2.14 -2.22	27.40 2.15 0.00	27.40 2.24 0.00	29.52 1.94 -5.48	32.83 2.05 -7.97	35.68 2.30 -9.24	41.15 1.86 -15.75	51.01 2.16 -21.14	48.14 2.31 -15.42	39.05 2.29 -7.72	37.55 2.38 -8.39	34.02 2.00 -7.09	28.10 2.31 -0.14	26.13 2.03 0.00
NORTHPORT___IC 23718	26.25 0.62 -17.05	24.39 0.59 -15.63	24.50 0.34 -19.04	24.29 0.36 -18.70	25.17 0.34 -19.53	27.88 0.47 -21.27	39.20 0.55 -31.56	39.96 0.48 -32.74	33.11 1.82 -9.15	31.17 1.65 -10.31	29.05 2.19 -2.22	27.43 2.17 0.00	27.43 2.27 0.00	29.54 1.97 -5.48	32.85 2.07 -7.97	35.46 2.00 -9.31	41.46 2.16 -15.75	51.36 2.52 -21.14	48.50 2.68 -15.42	39.38 2.61 -7.73	37.31 2.12 -8.42	34.10 2.07 -7.10	28.21 2.41 -0.15	26.21 2.10 0.00
NORTH___COUNTRY_ESR 323785	0.46 -1.27 6.86	0.25 -1.22 6.71	0.25 -0.77 4.10	0.25 -0.78 4.19	0.13 -0.81 4.34	0.13 -0.94 5.07	0.77 -1.08 5.24	0.93 -1.02 4.79	0.28 -3.37 18.50	0.66 -2.92 15.63	0.53 -3.77 20.35	21.61 -3.64 0.01	21.66 -3.50 0.00	19.01 -3.23 -0.15	19.72 -3.19 -0.11	21.10 -3.16 -0.12	21.13 -2.80 -0.38	25.30 -2.96 -0.56	27.65 -2.95 -0.19	26.16 -2.88 0.00	24.72 -2.06 0.00	23.09 -1.84 0.00	23.91 -1.75 0.00	22.64 -1.47 0.00
NPX_GEN_1385_PROXY 323591	26.21 0.58 -17.05	24.34 0.54 -15.63	24.48 0.32 -19.04	24.26 0.33 -18.70	25.14 0.32 -19.53	27.90 0.49 -21.27	39.26 0.61 -31.56	40.73 0.51 -33.49	32.34 1.79 -8.40	31.11 1.59 -10.31	28.98 2.12 -2.22	27.30 2.05 0.00	27.30 2.14 0.00	29.36 1.79 -5.48	32.60 1.82 -7.97	35.17 1.71 -9.31	41.18 1.88 -15.75	50.81 1.97 -21.14	48.05 2.22 -15.42	39.18 2.41 -7.73	37.23 2.03 -8.42	33.75 1.72 -7.10	28.08 2.28 -0.15	26.21 2.10 0.00
NPX_GEN_CSC 323557	26.37 0.74 -17.05	24.52 0.72 -15.63	24.59 0.42 -19.04	24.37 0.44 -18.70	25.25 0.42 -19.53	27.97 0.56 -21.27	39.31 0.66 -31.56	40.82 0.59 -33.49	32.74 2.19 -8.40	31.46 1.94 -10.31	29.40 2.54 -2.22	27.78 2.53 0.00	27.80 2.64 0.00	29.89 2.32 -5.48	33.24 2.46 -7.97	37.30 2.58 -10.57	41.97 2.64 -15.79	51.97 3.13 -21.14	49.14 3.31 -15.42	40.11 3.22 -7.85	38.47 2.76 -8.93	34.72 2.57 -7.22	28.64 2.82 -0.17	26.57 2.46 0.00
NSINS_S_GLNS_FALLS 23858	30.33 0.56 -21.18	28.12 0.52 -19.42	29.11 0.33 -23.66	28.79 0.32 -23.24	29.90 0.34 -24.27	32.57 0.42 -26.01	46.79 0.52 -39.18	47.86 0.49 -40.64	35.09 1.59 -11.35	31.82 1.29 -11.32	28.00 1.68 -1.69	26.82 1.57 0.00	26.77 1.61 0.00	28.62 1.50 -5.03	27.87 1.55 -3.52	29.46 1.57 -3.74	37.15 1.46 -12.14	47.13 1.75 -17.68	38.38 1.82 -6.15	30.66 1.63 0.00	28.31 1.53 0.00	26.18 1.25 0.00	27.16 1.51 0.00	25.51 1.40 0.00
NUCOR_STEEL___DRP 24197	12.57 0.14 -3.85	11.83 0.13 -3.53	9.51 0.08 -4.30	9.53 0.08 -4.23	9.79 0.08 -4.41	10.97 0.10 -4.73	14.35 0.13 -7.12	14.26 0.13 -7.39	24.56 0.35 -2.06	21.55 0.29 -2.06	25.27 0.32 -0.31	25.64 0.38 0.00	25.48 0.33 0.00	23.31 0.31 -0.91	23.72 0.27 -0.64	25.12 0.29 -0.68	26.01 0.26 -2.20	31.25 0.33 -3.21	31.83 0.30 -1.12	29.33 0.29 0.00	26.94 0.16 0.00	25.11 0.17 0.00	25.78 0.13 0.00	24.33 0.22 0.00
NUMBER_THREE_WT_PWR 323818	7.92 -0.15 0.51	7.46 -0.14 0.57	5.36 -0.09 -0.32	5.43 -0.07 -0.27	5.51 -0.07 -0.30	6.27 -0.09 -0.21	7.75 -0.07 -0.73	7.61 -0.05 -0.92	17.87 -0.22 4.05	15.57 -0.31 3.33	19.23 -0.40 5.02	24.83 -0.43 0.00	24.75 -0.40 0.00	22.02 -0.38 -0.30	22.66 -0.37 -0.23	24.03 -0.36 -0.24	24.10 -0.24 -0.79	28.60 -0.25 -1.14	30.81 0.00 -0.40	28.89 -0.14 0.00	26.81 0.03 0.00	24.96 0.02 0.00	25.60 -0.05 0.00	24.04 -0.07 0.00
NYISO_LBMP_REFERENCE 24008	8.58 0.00 0.00	8.17 0.00 0.00	5.12 0.00 0.00	5.22 0.00 0.00	5.29 0.00 0.00	6.14 0.00 0.00	7.09 0.00 0.00	6.74 0.00 0.00	22.15 0.00 0.00	19.21 0.00 0.00	24.64 0.00 0.00	25.26 0.00 0.00	25.16 0.00 0.00	22.09 0.00 0.00	22.80 0.00 0.00	24.15 0.00 0.00	23.55 0.00 0.00	27.71 0.00 0.00	30.41 0.00 0.00	29.04 0.00 0.00	26.78 0.00 0.00	24.93 0.00 0.00	25.65 0.00 0.00	24.11 0.00 0.00
NYPA_BRENTWD___GT 24164	26.38 0.75 -17.05	24.51 0.70 -15.63	24.58 0.42 -19.04	24.36 0.43 -18.70	25.25 0.42 -19.53	27.97 0.56 -21.27	39.31 0.66 -31.56	40.07 0.59 -32.74	33.47 2.17 -9.15	31.48 1.96 -10.31	29.42 2.56 -2.22	27.81 2.55 0.00	27.80 2.64 0.00	29.87 2.30 -5.48	33.22 2.44 -7.97	35.71 2.13 -9.43	41.77 2.47 -15.75	51.92 3.08 -21.14	49.02 3.19 -15.42	39.48 2.70 -7.74	37.50 2.25 -8.47	34.14 2.09 -7.11	28.25 2.39 -0.22	26.54 2.43 0.00
NYPA_GOWANUS___GT5 24156	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.04 0.38 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.64 1.31 -9.12	27.77 1.78 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.75 1.61 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.60 1.67 0.00	27.34 1.69 0.00	25.66 1.54 0.00
NYPA_GOWANUS___GT6 24157	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.04 0.38 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.64 1.31 -9.12	27.77 1.78 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.75 1.61 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.60 1.67 0.00	27.34 1.69 0.00	25.66 1.54 0.00
NYPA_HARLEM__RVR__GT1 24160	26.22 0.58 -17.06	24.35 0.54 -15.64	24.49 0.32 -19.05	24.27 0.33 -18.72	25.15 0.32 -19.55	27.44 0.36 -20.94	38.99 0.33 -31.57	39.79 0.30 -32.74	32.48 1.20 -9.14	29.50 1.17 -9.12	27.62 1.63 -1.35	26.92 1.67 0.01	26.86 1.71 0.01	27.59 1.46 -4.04	27.18 1.55 -2.83	28.84 1.69 -3.01	34.90 1.60 -9.75	43.68 1.77 -14.20	37.29 1.95 -4.94	30.98 1.95 0.00	28.41 1.63 0.01	26.48 1.55 0.00	27.24 1.59 0.00	25.66 1.54 0.00
NYPA_HARLEM__RVR__GT2 24161	26.22 0.58 -17.06	24.35 0.54 -15.64	24.49 0.32 -19.05	24.27 0.33 -18.72	25.15 0.32 -19.55	27.44 0.36 -20.94	38.99 0.33 -31.57	39.79 0.30 -32.74	32.48 1.20 -9.14	29.50 1.17 -9.12	27.62 1.63 -1.35	26.92 1.67 0.01	26.86 1.71 0.01	27.59 1.46 -4.04	27.18 1.55 -2.83	28.84 1.69 -3.01	34.90 1.60 -9.75	43.68 1.77 -14.20	37.29 1.95 -4.94	30.98 1.95 0.00	28.41 1.63 0.01	26.48 1.55 0.00	27.24 1.59 0.00	25.66 1.54 0.00

NYPA_KENT____GT 24152	26.19 0.55 -17.05	24.31 0.51 -15.64	24.46 0.30 -19.04	24.24 0.31 -18.71	25.13 0.30 -19.54	27.43 0.36 -20.94	39.04 0.38 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.62 1.29 -9.12	27.77 1.78 -1.36	27.08 1.82 0.00	27.02 1.86 0.00	27.75 1.61 -4.05	27.35 1.71 -2.83	29.00 1.83 -3.01	35.07 1.77 -9.76	43.91 2.00 -14.21	37.54 2.19 -4.94	31.16 2.12 0.00	28.58 1.79 0.00	26.60 1.67 0.00	27.32 1.67 0.00	25.61 1.50 0.00
NYPA_POUCH1____GT 24155	26.22 0.58 -17.05	24.34 0.53 -15.64	24.48 0.31 -19.04	24.26 0.32 -18.71	25.14 0.31 -19.54	27.45 0.37 -20.94	39.05 0.39 -31.57	39.85 0.36 -32.75	32.67 1.37 -9.15	29.66 1.32 -9.12	27.80 1.80 -1.36	27.13 1.87 0.00	27.07 1.91 0.00	27.80 1.66 -4.05	27.39 1.76 -2.83	29.05 1.88 -3.01	35.14 1.84 -9.76	44.02 2.10 -14.21	37.63 2.28 -4.94	31.24 2.21 0.00	28.63 1.85 0.00	26.65 1.72 0.00	27.37 1.72 0.00	25.70 1.59 0.00
NYPA_VERNON____GT2 24162	26.17 0.53 -17.05	24.29 0.48 -15.64	24.45 0.29 -19.04	24.23 0.30 -18.71	25.11 0.29 -19.54	27.43 0.35 -20.94	39.04 0.38 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.62 1.29 -9.12	27.75 1.75 -1.36	27.08 1.82 0.00	27.02 1.86 0.00	27.73 1.59 -4.05	27.32 1.69 -2.83	28.97 1.81 -3.01	35.05 1.74 -9.76	43.88 1.97 -14.21	37.51 2.16 -4.94	31.10 2.06 0.00	28.58 1.79 0.00	26.58 1.65 0.00	27.27 1.62 0.00	25.58 1.47 0.00
NYPA_VERNON____GT3 24163	26.17 0.53 -17.05	24.29 0.48 -15.64	24.45 0.29 -19.04	24.23 0.30 -18.71	25.11 0.29 -19.54	27.43 0.35 -20.94	39.04 0.38 -31.57	39.85 0.36 -32.75	32.62 1.33 -9.15	29.62 1.29 -9.12	27.75 1.75 -1.36	27.08 1.82 0.00	27.02 1.86 0.00	27.73 1.59 -4.05	27.32 1.69 -2.83	28.97 1.81 -3.01	35.05 1.74 -9.76	43.88 1.97 -14.21	37.51 2.16 -4.94	31.10 2.06 0.00	28.58 1.79 0.00	26.58 1.65 0.00	27.27 1.62 0.00	25.58 1.47 0.00
NYPA____ASTORIA_CC1 323568	26.16 0.52 -17.05	24.29 0.48 -15.64	24.45 0.29 -19.04	24.23 0.30 -18.71	25.11 0.29 -19.54	27.42 0.34 -20.94	39.02 0.36 -31.57	39.83 0.34 -32.75	32.58 1.28 -9.15	29.58 1.25 -9.12	27.72 1.72 -1.36	27.03 1.77 0.00	26.97 1.81 0.00	27.69 1.55 -4.05	27.28 1.64 -2.83	28.92 1.76 -3.01	35.00 1.70 -9.76	43.80 1.88 -14.21	37.42 2.07 -4.94	31.04 2.00 0.00	28.50 1.72 0.00	26.53 1.60 0.00	27.24 1.59 0.00	25.56 1.45 0.00
NYPA____ASTORIA_CC2 323569	26.16 0.52 -17.05	24.29 0.48 -15.64	24.45 0.29 -19.04	24.23 0.30 -18.71	25.11 0.29 -19.54	27.42 0.34 -20.94	39.02 0.36 -31.57	39.83 0.34 -32.75	32.58 1.28 -9.15	29.58 1.25 -9.12	27.72 1.72 -1.36	27.03 1.77 0.00	26.97 1.81 0.00	27.69 1.55 -4.05	27.28 1.64 -2.83	28.92 1.76 -3.01	35.00 1.70 -9.76	43.80 1.88 -14.21	37.42 2.07 -4.94	31.04 2.00 0.00	28.50 1.72 0.00	26.53 1.60 0.00	27.24 1.59 0.00	25.56 1.45 0.00
NYPA____HOLTSVILL 23794	26.31 0.68 -17.05	24.45 0.65 -15.63	24.55 0.38 -19.04	24.33 0.40 -18.70	25.20 0.38 -19.53	27.92 0.51 -21.27	39.25 0.60 -31.56	40.01 0.53 -32.74	33.29 1.99 -9.15	31.30 1.79 -10.31	29.23 2.37 -2.22	27.61 2.35 0.00	27.60 2.44 0.00	29.71 2.14 -5.48	33.06 2.28 -7.97	37.06 2.34 -10.57	41.69 2.35 -15.79	51.61 2.77 -21.14	48.78 2.95 -15.42	39.77 2.88 -7.85	38.18 2.46 -8.94	34.47 2.32 -7.22	28.40 2.59 -0.16	26.38 2.27 0.00
NYPA____HELLGATE_GT1 24158	26.22 0.58 -17.06	24.35 0.54 -15.64	24.49 0.32 -19.05	24.27 0.33 -18.72	25.15 0.32 -19.55	27.44 0.36 -20.94	38.99 0.33 -31.57	39.79 0.30 -32.74	32.48 1.20 -9.14	29.50 1.17 -9.12	27.62 1.63 -1.35	26.92 1.67 0.01	26.86 1.71 0.01	27.59 1.46 -4.04	27.18 1.55 -2.83	28.84 1.69 -3.01	34.90 1.60 -9.75	43.68 1.77 -14.20	37.29 1.95 -4.94	30.98 1.95 0.00	28.41 1.63 0.01	26.48 1.55 0.00	27.24 1.59 0.00	25.66 1.54 0.00
NYPA____HELLGATE_GT2 24159	26.22 0.58 -17.06	24.35 0.54 -15.64	24.49 0.32 -19.05	24.27 0.33 -18.72	25.15 0.32 -19.55	27.44 0.36 -20.94	38.99 0.33 -31.57	39.79 0.30 -32.74	32.48 1.20 -9.14	29.50 1.17 -9.12	27.62 1.63 -1.35	26.92 1.67 0.01	26.86 1.71 0.01	27.59 1.46 -4.04	27.18 1.55 -2.83	28.84 1.69 -3.01	34.90 1.60 -9.75	43.68 1.77 -14.20	37.29 1.95 -4.94	30.98 1.95 0.00	28.41 1.63 0.01	26.48 1.55 0.00	27.24 1.59 0.00	25.66 1.54 0.00
NYS_BARGE____HYD 23848	12.89 -0.14 -4.44	12.14 -0.10 -4.07	10.01 -0.07 -4.96	10.01 -0.08 -4.87	10.30 -0.08 -5.09	11.48 -0.11 -5.45	15.16 -0.21 -8.28	15.12 -0.22 -8.59	23.55 -1.00 -2.40	20.70 -0.90 -2.39	23.77 -1.23 -0.36	24.17 -1.09 0.00	24.08 -1.08 0.00	22.25 -0.91 -1.06	22.74 -0.80 -0.74	24.09 -0.85 -0.78	25.13 -0.97 -2.55	30.14 -1.27 -3.71	30.18 -1.52 -1.29	28.05 -0.99 0.00	25.60 -1.18 0.00	23.96 -0.97 0.00	24.62 -1.03 0.00	23.61 -0.51 0.00
OAK ORCHARD____HYD 24046	12.71 0.12 -4.01	11.97 0.12 -3.67	9.68 0.08 -4.48	9.69 0.07 -4.40	9.96 0.08 -4.59	11.16 0.10 -4.92	14.65 0.09 -7.48	14.58 0.08 -7.76	24.38 0.07 -2.17	21.39 0.02 -2.16	24.91 -0.05 -0.32	25.31 0.05 0.00	25.16 0.00 0.00	23.07 0.02 -0.96	23.56 0.09 -0.67	24.93 0.07 -0.71	25.84 0.00 -2.30	31.44 0.39 -3.34	31.45 -0.12 -1.16	28.66 -0.38 0.00	26.27 -0.51 0.00	24.51 -0.42 0.00	25.19 -0.46 0.00	23.90 -0.22 0.00
OAKDALE__35_KV_LOAD 356122	16.11 0.14 -7.39	15.08 0.13 -6.77	13.45 0.08 -8.25	13.41 0.08 -8.10	13.84 0.08 -8.46	15.30 0.09 -9.07	20.85 0.11 -13.66	21.00 0.09 -14.17	26.33 0.22 -3.96	23.35 0.19 -3.95	25.45 0.22 -0.59	25.61 0.35 0.00	25.48 0.33 0.00	24.13 0.29 -1.75	24.30 0.27 -1.23	25.77 0.31 -1.31	28.05 0.28 -4.23	34.19 0.33 -6.15	32.85 0.30 -2.14	29.50 0.46 0.00	27.08 0.29 0.00	25.23 0.30 0.00	25.93 0.28 0.00	24.48 0.36 0.00
OCC_CHEM____DRP 24175	12.75 -0.27 -4.44	12.04 -0.20 -4.08	9.96 -0.13 -4.96	9.96 -0.14 -4.88	10.24 -0.15 -5.09	11.38 -0.21 -5.46	14.91 -0.35 -8.17	14.87 -0.35 -8.48	23.11 -1.42 -2.38	20.32 -1.27 -2.38	23.29 -1.70 -0.35	23.62 -1.64 0.00	23.52 -1.64 0.00	22.02 -1.13 -1.05	22.29 -1.25 -0.74	23.60 -1.33 -0.79	24.64 -1.46 -2.55	29.54 -1.88 -3.71	29.57 -2.13 -1.29	27.41 -1.63 0.00	24.99 -1.79 0.00	23.36 -1.57 0.00	24.11 -1.54 0.00	23.15 -0.96 0.00
OH_GEN_PROXY 24063	12.79 -0.19 -4.39	12.06 -0.14 -4.03	9.93 -0.10 -4.91	9.93 -0.11 -4.82	10.22 -0.11 -5.04	11.39 -0.15 -5.40	15.04 -0.25 -8.21	15.75 -0.26 -9.26	22.67 -1.11 -1.63	20.58 -1.00 -2.37	23.61 -1.38 -0.35	23.94 -1.31 0.00	23.85 -1.31 0.00	22.04 -1.10 -1.05	22.53 -1.00 -0.73	23.89 -1.04 -0.78	24.94 -1.13 -2.52	29.88 -1.50 -3.67	29.89 -1.79 -1.28	27.82 -1.22 0.00	25.39 -1.39 0.00	23.79 -1.15 0.00	24.47 -1.18 0.00	23.44 -0.68 0.00
OLIN_CORP_DRP 24177	12.82 -0.25 -4.48	12.08 -0.20 -4.11	9.99 -0.14 -5.00	9.99 -0.15 -4.92	10.28 -0.15 -5.13	11.45 -0.20 -5.50	15.05 -0.33 -8.28	15.01 -0.32 -8.59	23.20 -1.35 -2.40	20.41 -1.19 -2.39	23.40 -1.60 -0.36	23.74 -1.52 0.00	23.67 -1.48 0.00	22.12 -1.04 -1.06	22.38 -1.16 -0.74	23.71 -1.23 -0.79	24.75 -1.37 -2.57	29.70 -1.75 -3.74	29.73 -1.98 -1.30	27.59 -1.45 0.00	25.15 -1.63 0.00	23.51 -1.42 0.00	24.24 -1.41 0.00	23.27 -0.84 0.00

OLIN_CORP_DSASP 323712	12.75 -0.28 -4.44	12.04 -0.20 -4.08	9.96 -0.13 -4.96	9.96 -0.14 -4.88	10.24 -0.15 -5.09	11.38 -0.22 -5.46	14.99 -0.35 -8.25	14.95 -0.35 -8.56	23.13 -1.42 -2.40	20.38 -1.23 -2.40	23.30 -1.70 -0.36	23.62 -1.64 0.00	23.52 -1.63 0.00	21.77 -1.39 -1.06	22.29 -1.25 -0.74	23.60 -1.33 -0.79	24.64 -1.46 -2.55	29.54 -1.88 -3.71	29.51 -2.19 -1.29	27.41 -1.63 0.00	25.01 -1.77 0.00	23.44 -1.50 0.00	24.11 -1.54 0.00	23.15 -0.97 0.00
ONEIDA_HERK_LFGE 323681	9.03 0.05 -0.39	8.54 0.05 -0.32	5.98 0.03 -0.82	6.06 0.05 -0.79	6.16 0.04 -0.83	7.04 0.06 -0.84	8.44 0.08 -1.27	8.21 0.09 -1.38	20.92 0.24 1.47	18.20 0.15 1.16	22.74 0.22 2.12	25.46 0.20 0.00	25.38 0.23 0.00	22.52 0.18 -0.25	23.18 0.18 -0.20	24.55 0.19 -0.21	24.49 0.26 -0.69	28.93 0.22 -1.00	31.24 0.49 -0.35	29.39 0.35 0.00	27.21 0.43 0.00	25.33 0.40 0.00	25.98 0.33 0.00	24.43 0.31 0.00
ONEIDA___115KV_TB4 55905	10.54 0.23 -1.73	9.96 0.22 -1.57	7.34 0.14 -2.07	7.41 0.15 -2.03	7.57 0.15 -2.12	8.58 0.18 -2.26	10.80 0.22 -3.49	10.60 0.22 -3.64	23.09 0.66 -0.28	20.13 0.52 -0.40	24.64 0.71 0.71	25.97 0.71 0.00	25.86 0.70 0.00	23.19 0.62 -0.48	23.76 0.62 -0.34	25.13 0.63 -0.36	25.35 0.64 -1.16	30.04 0.64 -1.69	31.88 0.88 -0.59	29.79 0.75 0.00	27.50 0.72 0.00	25.61 0.67 0.00	26.27 0.62 0.00	24.72 0.60 0.00
ONONDAGA_REF_OCCRA 23987	12.11 0.04 -3.48	11.40 0.04 -3.19	9.10 0.03 -3.96	9.13 0.03 -3.88	9.37 0.03 -4.06	10.52 0.04 -4.34	13.73 0.05 -6.59	13.63 0.05 -6.84	23.87 0.11 -1.61	20.94 0.08 -1.66	24.64 0.07 0.07	25.36 0.10 0.00	25.23 0.08 0.00	23.02 0.07 -0.86	23.45 0.05 -0.60	24.84 0.05 -0.64	25.64 0.02 -2.07	30.75 0.03 -3.02	31.43 -0.03 -1.05	29.04 0.00 0.00	26.70 -0.08 0.00	24.91 -0.02 0.00	25.57 -0.08 0.00	24.09 -0.02 0.00
ONONDAGA___COGEN 23986	12.01 0.06 -3.36	11.31 0.06 -3.08	8.98 0.04 -3.82	9.01 0.04 -3.75	9.25 0.04 -3.92	10.38 0.05 -4.19	13.51 0.06 -6.36	13.41 0.06 -6.61	23.85 0.16 -1.55	20.93 0.13 -1.59	24.69 0.12 0.08	25.41 0.15 0.00	25.28 0.13 0.00	23.03 0.11 -0.83	23.45 0.07 -0.58	24.84 0.07 -0.62	25.60 0.05 -2.00	30.65 0.03 -2.92	31.42 0.00 -1.01	29.07 0.03 0.00	26.70 -0.08 0.00	24.91 -0.02 0.00	25.57 -0.08 0.00	24.11 0.00 0.00
ONTARIO___LFGE 23819	13.01 0.16 -4.26	12.23 0.15 -3.91	9.98 0.10 -4.76	9.99 0.09 -4.67	10.27 0.10 -4.88	11.50 0.13 -5.23	15.22 0.16 -7.97	15.16 0.16 -8.27	24.81 0.35 -2.31	21.78 0.27 -2.30	25.26 0.27 -0.34	25.61 0.35 0.00	25.46 0.30 0.00	23.38 0.27 -1.02	23.81 0.30 -0.71	25.24 0.34 -0.75	26.31 0.33 -2.43	31.59 0.33 -3.55	32.01 0.37 -1.23	29.53 0.49 0.00	27.02 0.24 0.00	25.18 0.25 0.00	25.83 0.18 0.00	24.45 0.34 0.00
ORANGEVILLE_WT_PWR 323706	13.45 -0.12 -4.99	12.65 -0.09 -4.57	10.62 -0.07 -5.57	10.61 -0.08 -5.47	10.93 -0.07 -5.71	12.17 -0.10 -6.12	16.24 -0.16 -9.31	16.23 -0.18 -9.66	24.00 -0.84 -2.70	21.15 -0.75 -2.69	24.01 -1.03 -0.40	24.45 -0.81 0.00	24.38 -0.78 0.00	22.65 -0.64 -1.20	22.95 -0.68 -0.83	24.35 -0.68 -0.88	25.67 -0.73 -2.85	31.00 -0.86 -4.16	30.79 -1.07 -1.45	28.75 -0.29 0.00	26.22 -0.56 0.00	24.53 -0.40 0.00	25.21 -0.44 0.00	24.09 -0.02 0.00
ORANGEVILLE___ESR 323794	13.45 -0.12 -4.99	12.65 -0.09 -4.57	10.62 -0.07 -5.57	10.61 -0.08 -5.47	10.93 -0.07 -5.71	12.17 -0.10 -6.12	16.24 -0.16 -9.31	16.23 -0.18 -9.66	24.00 -0.84 -2.70	21.15 -0.75 -2.69	24.01 -1.03 -0.40	24.45 -0.81 0.00	24.38 -0.78 0.00	22.65 -0.64 -1.20	22.95 -0.68 -0.83	24.35 -0.68 -0.88	25.67 -0.73 -2.85	31.00 -0.86 -4.16	30.79 -1.07 -1.45	28.75 -0.29 0.00	26.22 -0.56 0.00	24.53 -0.40 0.00	25.21 -0.44 0.00	24.09 -0.02 0.00
OSWEGATCHIE___HYD 24044	4.88 -0.62 3.08	4.52 -0.59 3.06	3.32 -0.37 1.43	3.37 -0.36 1.50	3.38 -0.36 1.55	3.83 -0.42 1.89	5.03 -0.47 1.59	5.02 -0.44 1.28	10.67 -1.42 10.06	9.43 -1.35 8.43	11.46 -1.75 11.44	23.54 -1.72 0.00	23.50 -1.66 0.00	20.83 -1.52 -0.26	21.49 -1.51 -0.19	22.81 -1.55 -0.21	22.90 -1.32 -0.67	27.27 -1.41 -0.97	29.47 -1.28 -0.34	27.64 -1.39 0.00	25.84 -0.94 0.00	24.06 -0.87 0.00	24.75 -0.90 0.00	23.29 -0.82 0.00
OSWEGO___5 23606	11.30 -0.11 -2.82	10.65 -0.11 -2.59	8.21 -0.07 -3.15	8.25 -0.07 -3.10	8.46 -0.07 -3.24	9.53 -0.08 -3.47	12.26 -0.09 -5.26	12.11 -0.09 -5.46	23.36 -0.31 -1.52	20.44 -0.29 -1.52	24.45 -0.42 -0.23	24.83 -0.43 0.00	24.73 -0.43 0.00	22.39 -0.38 -0.67	22.86 -0.41 -0.47	24.21 -0.43 -0.50	24.71 -0.45 -1.62	29.53 -0.53 -2.35	30.62 -0.61 -0.82	28.48 -0.55 0.00	26.22 -0.56 0.00	24.41 -0.52 0.00	25.14 -0.51 0.00	23.68 -0.43 0.00
OSWEGO___6 23613	11.30 -0.11 -2.82	10.65 -0.11 -2.59	8.21 -0.07 -3.15	8.25 -0.07 -3.10	8.46 -0.07 -3.24	9.53 -0.08 -3.47	12.26 -0.09 -5.26	12.11 -0.09 -5.46	23.36 -0.31 -1.52	20.44 -0.29 -1.52	24.45 -0.42 -0.23	24.83 -0.43 0.00	24.73 -0.43 0.00	22.39 -0.38 -0.67	22.86 -0.41 -0.47	24.21 -0.43 -0.50	24.71 -0.45 -1.62	29.53 -0.53 -2.35	30.62 -0.61 -0.82	28.48 -0.55 0.00	26.22 -0.56 0.00	24.41 -0.52 0.00	25.14 -0.51 0.00	23.68 -0.43 0.00
OUTOKUMPU-AB___DRP 24206	12.98 -0.10 -4.50	12.25 -0.05 -4.13	10.11 -0.04 -5.03	10.10 -0.06 -4.94	10.40 -0.05 -5.16	11.58 -0.09 -5.53	15.21 -0.18 -8.30	15.17 -0.19 -8.61	23.65 -0.91 -2.41	20.81 -0.81 -2.41	23.89 -1.11 -0.36	24.32 -0.93 0.00	24.25 -0.91 0.00	22.59 -0.57 -1.07	22.89 -0.66 -0.75	24.22 -0.72 -0.80	25.28 -0.85 -2.58	30.33 -1.14 -3.76	30.44 -1.28 -1.31	28.31 -0.73 0.00	25.79 -0.99 0.00	24.11 -0.82 0.00	24.86 -0.80 0.00	23.80 -0.31 0.00
OXBOW___ 24026	12.89 -0.17 -4.47	12.17 -0.11 -4.10	10.05 -0.07 -5.00	10.04 -0.09 -4.91	10.33 -0.09 -5.13	11.50 -0.14 -5.49	15.16 -0.25 -8.32	15.12 -0.25 -8.63	23.46 -1.11 -2.42	20.66 -0.96 -2.41	23.67 -1.33 -0.36	24.05 -1.21 0.00	23.95 -1.21 0.00	22.15 -1.02 -1.07	22.66 -0.89 -0.74	23.97 -0.97 -0.79	25.03 -1.08 -2.57	30.00 -1.44 -3.74	30.04 -1.67 -1.30	27.93 -1.10 0.00	25.50 -1.28 0.00	23.86 -1.07 0.00	24.55 -1.10 0.00	23.53 -0.58 0.00
OXY_CHEM_DSASP 323612	12.75 -0.27 -4.44	12.04 -0.20 -4.08	9.96 -0.13 -4.96	9.96 -0.14 -4.88	10.24 -0.15 -5.09	11.38 -0.21 -5.46	14.91 -0.35 -8.17	14.87 -0.35 -8.48	23.11 -1.42 -2.38	20.32 -1.27 -2.38	23.29 -1.70 -0.35	23.62 -1.64 0.00	23.52 -1.64 0.00	22.02 -1.13 -1.05	22.29 -1.25 -0.74	23.60 -1.33 -0.79	24.64 -1.46 -2.55	29.54 -1.88 -3.71	29.57 -2.13 -1.29	27.41 -1.63 0.00	24.99 -1.79 0.00	23.36 -1.57 0.00	24.11 -1.54 0.00	23.15 -0.96 0.00
OZONE_PARK_ESR 323760	26.17 0.53 -17.05	24.30 0.49 -15.63	24.45 0.29 -19.04	24.23 0.30 -18.71	25.12 0.30 -19.54	27.45 0.37 -20.93	39.07 0.45 -31.53	39.87 0.42 -32.71	32.79 1.51 -9.14	29.74 1.42 -9.11	27.90 1.90 -1.36	27.20 1.94 0.00	27.14 1.99 0.00	27.90 1.77 -4.04	27.48 1.85 -2.83	29.16 2.00 -3.01	35.23 1.93 -9.76	44.08 2.16 -14.21	37.75 2.40 -4.94	31.33 2.29 0.00	28.79 2.01 0.00	26.68 1.75 0.00	27.42 1.77 0.00	25.63 1.52 0.00

PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	12.75 -0.27 -4.44	12.04 -0.20 -4.08	9.96 -0.13 -4.96	9.96 -0.14 -4.88	10.24 -0.15 -5.09	11.38 -0.21 -5.46	14.91 -0.35 -8.17	14.87 -0.35 -8.48	23.11 -1.42 -2.38	20.32 -1.27 -2.38	23.29 -1.70 -0.35	23.62 -1.64 0.00	23.52 -1.64 0.00	22.02 -1.13 -1.05	22.29 -1.25 -0.74	23.60 -1.33 -0.79	24.64 -1.46 -2.55	29.54 -1.88 -3.71	29.57 -2.13 -1.29	27.41 -1.63 0.00	24.99 -1.79 0.00	23.36 -1.57 0.00	24.11 -1.54 0.00	23.15 -0.96 0.00
PACKARD__115KV_DUPONT_184 80571	12.75 -0.27 -4.44	12.04 -0.20 -4.08	9.96 -0.13 -4.96	9.96 -0.14 -4.88	10.24 -0.15 -5.09	11.38 -0.21 -5.46	14.91 -0.35 -8.17	14.87 -0.35 -8.48	23.11 -1.42 -2.38	20.32 -1.27 -2.38	23.29 -1.70 -0.35	23.62 -1.64 0.00	23.52 -1.64 0.00	22.02 -1.13 -1.05	22.29 -1.25 -0.74	23.60 -1.33 -0.79	24.64 -1.46 -2.55	29.54 -1.88 -3.71	29.57 -2.13 -1.29	27.41 -1.63 0.00	24.99 -1.79 0.00	23.36 -1.57 0.00	24.11 -1.54 0.00	23.15 -0.96 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	26.20 0.57 -17.05	24.33 0.52 -15.64	24.48 0.31 -19.04	24.25 0.32 -18.71	25.14 0.31 -19.54	27.43 0.36 -20.94	38.96 0.33 -31.53	39.76 0.31 -32.71	32.46 1.17 -9.14	29.47 1.15 -9.11	27.60 1.60 -1.36	26.90 1.64 0.00	26.84 1.69 0.00	27.59 1.46 -4.05	27.16 1.53 -2.83	28.83 1.67 -3.01	34.88 1.58 -9.76	43.69 1.77 -14.21	37.30 1.95 -4.94	30.95 1.92 0.00	28.36 1.58 0.00	26.38 1.45 0.00	27.22 1.56 0.00	25.63 1.52 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	26.28 0.64 -17.05	24.40 0.60 -15.64	24.53 0.36 -19.04	24.30 0.37 -18.71	25.19 0.36 -19.54	27.49 0.41 -20.94	39.02 0.40 -31.53	39.82 0.37 -32.71	32.66 1.37 -9.14	29.65 1.33 -9.11	27.80 1.80 -1.36	27.10 1.84 0.00	27.02 1.86 0.00	27.77 1.63 -4.05	27.35 1.71 -2.83	29.00 1.84 -3.01	35.07 1.77 -9.76	43.77 1.86 -14.21	37.51 2.16 -4.94	31.16 2.12 0.00	28.57 1.79 0.00	26.55 1.62 0.00	27.42 1.77 0.00	25.83 1.71 0.00
PATROON__115KV_TB1 80586	29.48 0.15 -20.74	27.33 0.15 -19.01	28.37 0.09 -23.16	28.06 0.09 -22.75	29.15 0.10 -23.76	31.72 0.12 -25.46	45.57 0.13 -38.35	46.64 0.12 -39.78	33.70 0.44 -11.11	30.66 0.36 -11.08	26.88 0.59 -1.65	25.86 0.61 0.00	25.79 0.63 0.00	27.56 0.55 -4.92	26.87 0.62 -3.45	28.42 0.60 -3.67	35.97 0.57 -11.86	45.67 0.69 -17.27	37.17 0.76 -6.01	29.68 0.64 0.00	27.50 0.72 0.00	25.51 0.57 0.00	26.19 0.54 0.00	24.52 0.41 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	13.07 -0.20 -4.68	12.30 -0.16 -4.29	10.23 -0.12 -5.23	10.23 -0.13 -5.14	10.53 -0.12 -5.36	11.74 -0.15 -5.75	15.52 -0.22 -8.65	15.49 -0.23 -8.98	23.57 -1.09 -2.51	20.75 -0.96 -2.50	23.71 -1.31 -0.37	24.68 -0.58 0.00	24.60 -0.55 0.00	22.47 -0.73 -1.11	22.74 -0.84 -0.78	24.06 -0.92 -0.83	25.25 -0.99 -2.69	30.43 -1.19 -3.92	30.37 -1.40 -1.36	28.83 -0.20 0.00	26.24 -0.54 0.00	24.51 -0.42 0.00	25.24 -0.41 0.00	24.21 0.10 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	26.31 0.46 -17.26	24.43 0.43 -15.83	24.66 0.26 -19.28	24.43 0.27 -18.94	25.33 0.25 -19.78	27.65 0.31 -21.20	39.38 0.37 -31.92	40.22 0.36 -33.12	32.68 1.28 -9.25	29.68 1.25 -9.23	27.67 1.65 -1.37	26.95 1.69 0.00	26.87 1.71 0.00	27.67 1.48 -4.10	27.25 1.57 -2.87	28.94 1.74 -3.05	35.05 1.62 -9.88	43.95 1.86 -14.39	37.42 2.01 -5.00	30.92 1.89 0.00	28.47 1.69 0.00	26.40 1.47 0.00	27.09 1.44 0.00	25.34 1.23 0.00
PEEKSKILL____ 23653	25.90 0.42 -16.90	24.06 0.39 -15.49	24.23 0.23 -18.87	24.00 0.24 -18.54	24.89 0.23 -19.36	27.19 0.29 -20.75	38.73 0.35 -31.29	39.52 0.32 -32.46	32.37 1.15 -9.07	29.34 1.09 -9.04	27.47 1.48 -1.35	26.77 1.52 0.00	26.69 1.53 0.00	27.45 1.35 -4.01	27.05 1.44 -2.81	28.68 1.55 -2.99	34.70 1.48 -9.67	43.48 1.69 -14.08	37.16 1.86 -4.90	30.81 1.77 0.00	28.33 1.55 0.00	26.33 1.40 0.00	27.01 1.36 0.00	25.29 1.18 0.00
PGE MADISON__WINDPWR 24146	16.32 0.70 -7.03	15.28 0.66 -6.45	13.39 0.41 -7.86	13.38 0.44 -7.72	13.78 0.43 -8.06	15.28 0.50 -8.64	20.91 0.62 -13.20	21.05 0.61 -13.70	27.77 1.79 -3.83	24.45 1.42 -3.82	27.11 1.90 -0.57	27.25 1.99 0.00	27.12 1.96 0.00	25.53 1.74 -1.69	25.82 1.85 -1.17	27.39 2.00 -1.24	29.57 2.00 -4.02	35.86 2.30 -5.86	35.21 2.77 -2.04	31.50 2.47 0.00	29.11 2.33 0.00	27.18 2.24 0.00	27.83 2.18 0.00	26.24 2.12 0.00
PIERCEFIELD__HYD 23852	2.33 -0.94 5.31	2.05 -0.91 5.21	1.55 -0.57 3.01	1.57 -0.56 3.09	1.52 -0.58 3.20	1.71 -0.66 3.77	2.71 -0.76 3.62	2.80 -0.72 3.22	4.83 -2.30 15.01	4.51 -2.11 12.58	5.29 -2.74 16.61	22.63 -2.63 0.01	22.62 -2.54 0.00	19.98 -2.32 -0.21	20.64 -2.30 -0.15	21.96 -2.34 -0.15	22.00 -2.05 -0.50	26.24 -2.19 -0.73	28.59 -2.07 -0.25	26.89 -2.15 0.00	25.31 -1.47 0.00	23.59 -1.35 0.00	24.34 -1.31 0.00	22.93 -1.18 0.00
PINELAWN_CC_I 323563	26.29 0.66 -17.05	24.42 0.62 -15.63	24.53 0.37 -19.04	24.31 0.39 -18.70	25.20 0.38 -19.53	27.91 0.50 -21.27	39.22 0.57 -31.56	39.99 0.51 -32.74	33.22 1.93 -9.15	31.26 1.75 -10.31	29.18 2.32 -2.22	27.53 2.27 0.00	27.53 2.36 0.00	29.65 2.08 -5.48	32.99 2.21 -7.97	35.75 2.25 -9.36	41.58 2.28 -15.75	51.59 2.74 -21.14	48.75 2.92 -15.42	39.47 2.97 -7.73	37.58 2.36 -8.44	34.20 2.17 -7.10	28.47 2.44 -0.38	26.31 2.19 0.00
PJM_GEN_HTP_PROXY 323702	26.10 0.46 -17.05	24.24 0.43 -15.63	24.41 0.25 -19.04	24.19 0.26 -18.71	25.09 0.26 -19.54	27.40 0.33 -20.93	39.05 0.40 -31.57	40.60 0.36 -33.49	31.85 1.31 -8.40	29.58 1.25 -9.12	27.70 1.70 -1.36	27.00 1.74 0.00	26.94 1.79 0.00	27.69 1.55 -4.05	27.28 1.64 -2.83	28.92 1.76 -3.01	35.00 1.70 -9.76	43.80 1.88 -14.21	37.45 2.10 -4.94	31.04 2.00 0.00	28.55 1.77 0.00	26.53 1.60 0.00	27.19 1.54 0.00	25.44 1.33 0.00
PJM_GEN_KEystone 24065	19.99 0.15 -11.25	18.64 0.15 -10.31	17.77 0.09 -12.56	17.65 0.08 -12.34	18.26 0.08 -12.89	20.05 0.10 -13.81	28.05 0.10 -20.86	29.21 0.08 -22.39	27.60 0.16 -5.30	25.39 0.15 -6.03	25.76 0.22 -0.90	25.64 0.38 0.00	25.56 0.40 0.00	25.12 0.35 -2.68	25.01 0.34 -1.87	26.52 0.39 -1.99	30.34 0.35 -6.44	37.42 0.33 -9.38	33.97 0.30 -3.26	29.65 0.61 0.00	27.16 0.37 0.00	25.33 0.40 0.00	26.01 0.36 0.00	24.60 0.48 0.00
PJM_GEN_NEPTUNE_PROXY 323594	26.17 0.54 -17.05	24.31 0.51 -15.63	24.46 0.30 -19.04	24.24 0.31 -18.70	25.13 0.30 -19.53	27.81 0.40 -21.27	39.11 0.45 -31.56	40.63 0.40 -33.49	32.10 1.55 -8.40	30.96 1.44 -10.31	28.78 1.92 -2.22	27.18 1.92 0.00	27.18 2.01 0.00	29.32 1.74 -5.48	32.62 1.85 -7.97	35.43 1.98 -9.31	41.20 1.91 -15.75	51.06 2.22 -21.14	48.20 2.37 -15.42	39.06 2.29 -7.73	37.23 2.03 -8.42	33.88 1.84 -7.10	27.65 2.10 0.11	25.94 1.83 0.01
PJM_GEN_VFT_PROXY 323633	26.07 0.44 -17.05	24.21 0.40 -15.63	24.40 0.24 -19.04	24.18 0.25 -18.71	25.07 0.24 -19.54	27.38 0.31 -20.93	39.03 0.37 -31.57	40.57 0.34 -33.49	31.79 1.24 -8.40	29.54 1.21 -9.12	27.65 1.65 -1.36	26.95 1.69 0.00	26.89 1.73 0.00	27.64 1.50 -4.05	27.23 1.60 -2.83	28.90 1.74 -3.01	34.93 1.62 -9.76	43.66 1.75 -14.21	37.36 2.01 -4.94	30.95 1.92 0.00	28.50 1.72 0.00	26.48 1.55 0.00	27.14 1.49 0.00	25.37 1.25 0.00

PLATSBRG_115KV_PMLD1 355749	0.42 -1.16 7.01	0.21 -1.12 6.85	0.21 -0.71 4.20	0.20 -0.73 4.30	0.09 -0.75 4.45	0.08 -0.87 5.19	0.82 -0.99 5.28	0.98 -0.94 4.81	0.22 -3.12 18.80	0.60 -2.71 15.90	0.41 -3.52 20.71	21.92 -3.33 0.01	21.99 -3.17 0.00	19.29 -2.96 -0.15	19.99 -2.92 -0.11	21.39 -2.87 -0.11	21.42 -2.50 -0.37	25.64 -2.60 -0.54	27.98 -2.62 -0.19	26.51 -2.53 0.00	25.04 -1.74 0.00	23.39 -1.55 0.00	24.21 -1.44 0.00	22.93 -1.18 0.00
PLEASANTVLY___LBMP 24000	26.70 0.37 -17.74	24.79 0.35 -16.27	25.15 0.21 -19.81	24.90 0.21 -19.47	25.83 0.21 -20.33	28.18 0.26 -21.78	40.20 0.30 -32.81	41.06 0.28 -34.04	32.65 1.00 -9.51	29.61 0.92 -9.48	27.33 1.28 -1.41	26.55 1.29 0.00	26.47 1.31 0.00	27.47 1.17 -4.21	26.98 1.23 -2.95	28.61 1.33 -3.14	34.97 1.27 -10.15	43.96 1.47 -14.79	37.13 1.58 -5.14	30.55 1.51 0.00	28.15 1.37 0.00	26.10 1.17 0.00	26.86 1.21 0.00	25.15 1.04 0.00
PLSNTVLE_13_KV_13KVDIST 80602	26.17 0.44 -17.15	24.31 0.41 -15.73	24.52 0.24 -19.16	24.29 0.25 -18.82	25.19 0.24 -19.65	27.51 0.31 -21.06	39.17 0.36 -31.72	39.99 0.34 -32.90	32.58 1.24 -9.19	29.53 1.15 -9.17	27.56 1.55 -1.36	26.85 1.59 0.00	26.79 1.64 0.00	27.60 1.44 -4.07	27.16 1.50 -2.85	28.80 1.62 -3.03	34.91 1.55 -9.81	43.77 1.77 -14.29	37.33 1.95 -4.97	30.90 1.86 0.00	28.44 1.66 0.00	26.35 1.42 0.00	27.09 1.44 0.00	25.37 1.25 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	26.17 0.44 -17.15	24.31 0.41 -15.73	24.52 0.24 -19.16	24.29 0.25 -18.82	25.19 0.24 -19.65	27.51 0.31 -21.06	39.17 0.36 -31.72	39.99 0.34 -32.90	32.58 1.24 -9.19	29.53 1.15 -9.17	27.56 1.55 -1.36	26.85 1.59 0.00	26.79 1.64 0.00	27.60 1.44 -4.07	27.16 1.50 -2.85	28.80 1.62 -3.03	34.91 1.55 -9.81	43.77 1.77 -14.29	37.33 1.95 -4.97	30.90 1.86 0.00	28.44 1.66 0.00	26.35 1.42 0.00	27.09 1.44 0.00	25.37 1.25 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	26.44 0.44 -17.41	24.55 0.41 -15.97	24.82 0.25 -19.45	24.58 0.26 -19.11	25.49 0.25 -19.95	27.82 0.29 -21.38	39.63 0.34 -32.20	40.48 0.33 -33.40	32.63 1.15 -9.33	29.59 1.08 -9.31	27.46 1.43 -1.39	26.75 1.49 0.00	26.64 1.48 0.00	27.50 1.28 -4.13	27.09 1.39 -2.89	28.72 1.50 -3.08	34.97 1.46 -9.96	43.91 1.69 -14.51	37.25 1.79 -5.05	30.72 1.68 0.00	28.31 1.53 0.00	26.25 1.32 0.00	26.98 1.33 0.00	25.27 1.16 0.00
POLETTI____ 23519	26.08 0.45 -17.05	24.22 0.42 -15.63	24.41 0.24 -19.04	24.18 0.25 -18.71	25.08 0.25 -19.54	27.39 0.31 -20.93	35.33 0.38 -27.86	38.28 0.34 -31.19	32.53 1.26 -9.12	29.51 1.21 -9.10	27.63 1.65 -1.34	26.93 1.69 0.02	26.88 1.74 0.02	27.64 1.52 -4.03	27.22 1.60 -2.82	28.88 1.74 -3.00	34.93 1.65 -9.74	43.73 1.83 -14.19	37.37 2.04 -4.93	30.98 1.95 0.00	28.48 1.71 0.02	26.40 1.47 0.00	27.14 1.49 0.00	25.39 1.28 0.00
POMONA___ESR 323819	25.51 0.44 -16.49	23.70 0.41 -15.12	23.78 0.24 -18.42	23.57 0.25 -18.09	24.43 0.24 -18.90	26.70 0.31 -20.25	37.99 0.36 -30.54	38.75 0.34 -31.67	32.17 1.17 -8.85	29.15 1.11 -8.82	27.46 1.50 -1.31	26.80 1.54 0.00	26.72 1.56 0.00	27.36 1.35 -3.92	27.00 1.46 -2.74	28.63 1.57 -2.92	34.49 1.51 -9.44	43.17 1.72 -13.74	37.04 1.86 -4.78	30.81 1.77 0.00	28.33 1.55 0.00	26.35 1.42 0.00	27.06 1.41 0.00	25.32 1.21 0.00
PORT_JEFF_3 23555	26.32 0.69 -17.05	24.46 0.65 -15.63	24.55 0.38 -19.04	24.33 0.41 -18.70	25.21 0.39 -19.53	27.93 0.52 -21.27	39.25 0.60 -31.56	40.01 0.53 -32.74	33.31 2.02 -9.15	31.32 1.81 -10.31	29.25 2.39 -2.22	27.63 2.37 0.00	27.63 2.47 0.00	29.74 2.17 -5.48	33.08 2.30 -7.97	37.11 2.37 -10.59	41.65 2.31 -15.79	51.50 2.66 -21.14	48.69 2.86 -15.42	39.77 2.88 -7.85	38.24 2.52 -8.94	34.50 2.34 -7.22	28.44 2.62 -0.17	26.40 2.29 0.00
PORT_JEFF_4 23616	26.32 0.69 -17.05	24.46 0.65 -15.63	24.55 0.38 -19.04	24.33 0.41 -18.70	25.21 0.39 -19.53	27.93 0.52 -21.27	39.25 0.60 -31.56	40.01 0.53 -32.74	33.31 2.02 -9.15	31.32 1.81 -10.31	29.25 2.39 -2.22	27.63 2.37 0.00	27.63 2.47 0.00	29.74 2.17 -5.48	33.08 2.30 -7.97	37.11 2.37 -10.59	41.65 2.31 -15.79	51.50 2.66 -21.14	48.69 2.86 -15.42	39.77 2.88 -7.85	38.24 2.52 -8.94	34.50 2.34 -7.22	28.44 2.62 -0.17	26.40 2.29 0.00
PORT_JEFF_IC 23713	26.33 0.70 -17.05	24.47 0.67 -15.63	24.56 0.39 -19.04	24.34 0.41 -18.70	25.22 0.39 -19.53	27.94 0.52 -21.27	39.26 0.61 -31.56	40.03 0.55 -32.74	33.36 2.06 -9.15	31.36 1.84 -10.31	29.30 2.44 -2.22	27.68 2.43 0.00	27.68 2.52 0.00	29.78 2.21 -5.48	33.12 2.35 -7.97	37.25 2.44 -10.66	41.72 2.38 -15.79	51.56 2.72 -21.14	48.81 2.98 -15.42	39.86 2.96 -7.86	38.35 2.60 -8.97	34.58 2.42 -7.23	28.49 2.67 -0.17	26.45 2.34 0.00
PPL PILGRIM_ST_GT1 24216	26.38 0.75 -17.05	24.51 0.70 -15.63	24.58 0.42 -19.04	24.36 0.43 -18.70	25.25 0.42 -19.53	27.97 0.56 -21.27	39.31 0.66 -31.56	40.07 0.59 -32.74	33.47 2.17 -9.15	31.48 1.96 -10.31	29.42 2.56 -2.22	27.81 2.55 0.00	27.80 2.64 0.00	29.87 2.30 -5.48	33.22 2.44 -7.97	35.71 2.13 -9.43	41.77 2.47 -15.75	51.92 3.08 -21.14	49.02 3.19 -15.42	39.48 2.70 -7.74	37.50 2.25 -8.47	34.14 2.09 -7.11	28.25 2.39 -0.22	26.54 2.43 0.00
PPL PILGRIM_ST_GT2 24217	26.38 0.75 -17.05	24.51 0.70 -15.63	24.58 0.42 -19.04	24.36 0.43 -18.70	25.25 0.42 -19.53	27.97 0.56 -21.27	39.31 0.66 -31.56	40.07 0.59 -32.74	33.47 2.17 -9.15	31.48 1.96 -10.31	29.42 2.56 -2.22	27.81 2.55 0.00	27.80 2.64 0.00	29.87 2.30 -5.48	33.22 2.44 -7.97	35.71 2.13 -9.43	41.77 2.47 -15.75	51.92 3.08 -21.14	49.02 3.19 -15.42	39.48 2.70 -7.74	37.50 2.25 -8.47	34.14 2.09 -7.11	28.25 2.39 -0.22	26.54 2.43 0.00
PPL_SHRM_GT3 24213	26.38 0.75 -17.05	24.52 0.72 -15.63	24.59 0.42 -19.04	24.37 0.45 -18.70	25.25 0.42 -19.53	27.97 0.56 -21.27	39.31 0.66 -31.56	40.07 0.59 -32.74	33.49 2.19 -9.15	31.46 1.94 -10.31	29.40 2.54 -2.22	27.78 2.53 0.00	27.80 2.64 0.00	29.89 2.32 -5.48	33.24 2.46 -7.97	37.34 2.61 -10.58	41.97 2.64 -15.79	51.97 3.13 -21.14	49.14 3.31 -15.42	40.14 3.25 -7.85	38.50 2.79 -8.94	34.75 2.59 -7.22	28.67 2.85 -0.17	26.59 2.48 0.00
PPL_SHRM_GT4 24214	26.38 0.75 -17.05	24.52 0.72 -15.63	24.59 0.42 -19.04	24.37 0.45 -18.70	25.25 0.42 -19.53	27.97 0.56 -21.27	39.31 0.66 -31.56	40.07 0.59 -32.74	33.49 2.19 -9.15	31.46 1.94 -10.31	29.40 2.54 -2.22	27.78 2.53 0.00	27.80 2.64 0.00	29.89 2.32 -5.48	33.24 2.46 -7.97	37.34 2.61 -10.58	41.97 2.64 -15.79	51.97 3.13 -21.14	49.14 3.31 -15.42	40.14 3.25 -7.85	38.50 2.79 -8.94	34.75 2.59 -7.22	28.67 2.85 -0.17	26.59 2.48 0.00
PROJECT___ORANGE I 24174	11.72 0.03 -3.11	11.03 0.02 -2.84	8.69 0.02 -3.55	8.72 0.01 -3.48	8.94 0.02 -3.64	10.05 0.02 -3.89	13.03 0.03 -5.91	12.91 0.03 -6.14	23.56 0.04 -1.36	20.67 0.04 -1.42	24.49 0.00 0.16	25.28 0.03 0.00	25.16 0.00 0.00	22.87 0.00 -0.77	23.32 -0.02 -0.54	24.68 -0.05 -0.58	25.34 -0.07 -1.87	30.32 -0.11 -2.72	31.20 -0.15 -0.95	28.92 -0.12 0.00	26.59 -0.19 0.00	24.78 -0.15 0.00	25.47 -0.18 0.00	23.99 -0.12 0.00

PROJECT___ORANGE 2 24166	11.72 0.03 -3.11	11.03 0.02 -2.84	8.69 0.02 -3.55	8.72 0.01 -3.48	8.94 0.02 -3.64	10.05 0.02 -3.89	13.03 0.03 -5.91	12.91 0.03 -6.14	23.56 0.04 -1.36	20.67 0.04 -1.42	24.49 0.00 0.16	25.28 0.03 0.00	25.16 0.00 0.00	22.87 0.00 -0.77	23.32 -0.02 -0.54	24.68 -0.05 -0.58	25.34 -0.07 -1.87	30.32 -0.11 -2.72	31.20 -0.15 -0.95	28.92 -0.12 0.00	26.59 -0.19 0.00	24.78 -0.15 0.00	25.47 -0.18 0.00	23.99 -0.12 0.00
PUCKETT___SOLAR 323809	16.38 0.29 -7.51	15.33 0.28 -6.88	13.68 0.17 -8.38	13.64 0.18 -8.24	14.08 0.19 -8.60	15.57 0.21 -9.22	21.37 0.26 -14.02	21.52 0.24 -14.54	26.85 0.64 -4.06	23.76 0.50 -4.05	25.88 0.64 -0.60	26.02 0.76 0.00	25.89 0.73 0.00	24.55 0.66 -1.80	24.73 0.68 -1.25	26.25 0.77 -1.33	28.59 0.75 -4.29	34.85 0.89 -6.26	33.58 1.00 -2.18	30.08 1.04 0.00	27.64 0.86 0.00	25.75 0.82 0.00	26.45 0.80 0.00	24.93 0.82 0.00
PYRITES___HYD 24023	2.23 -0.86 5.50	1.96 -0.82 5.39	1.48 -0.51 3.14	1.50 -0.50 3.22	1.44 -0.51 3.33	1.63 -0.59 3.92	2.62 -0.67 3.80	2.72 -0.63 3.40	4.71 -2.02 15.42	4.38 -1.90 12.93	5.16 -2.44 17.04	22.93 -2.32 0.01	22.92 -2.24 0.00	20.24 -2.05 -0.20	20.91 -2.03 -0.14	22.24 -2.05 -0.15	22.29 -1.74 -0.49	26.56 -1.86 -0.71	29.04 -1.61 -0.25	27.27 -1.77 0.00	25.68 -1.10 0.00	23.96 -0.97 0.00	24.70 -0.95 0.00	23.27 -0.84 0.00
QUAKERRD_115KV_BK1 80622	12.28 -0.17 -3.86	11.56 -0.16 -3.54	9.35 -0.09 -4.32	9.35 -0.11 -4.24	9.62 -0.10 -4.43	10.77 -0.12 -4.74	14.08 -0.16 -7.15	14.01 -0.15 -7.41	23.62 -0.60 -2.07	20.74 -0.54 -2.07	24.18 -0.76 -0.31	24.42 -0.83 0.00	24.33 -0.83 0.00	22.48 -0.53 -0.92	22.83 -0.62 -0.64	24.18 -0.65 -0.68	25.08 -0.68 -2.21	30.04 -0.89 -3.22	30.49 -1.03 -1.12	28.05 -0.99 0.00	25.71 -1.07 0.00	23.98 -0.95 0.00	24.65 -1.00 0.00	23.37 -0.75 0.00
QUENSBRY_115KV_TB8 356137	30.37 0.59 -21.19	28.16 0.56 -19.43	29.14 0.35 -23.67	28.82 0.34 -23.25	29.93 0.36 -24.28	32.61 0.45 -26.02	46.84 0.56 -39.19	47.92 0.53 -40.65	35.21 1.71 -11.36	31.92 1.38 -11.33	28.13 1.80 -1.69	26.95 1.69 0.00	26.89 1.74 0.00	28.73 1.61 -5.03	27.99 1.66 -3.52	29.58 1.69 -3.75	37.27 1.58 -12.14	47.30 1.91 -17.69	38.54 1.98 -6.15	30.81 1.77 0.00	28.44 1.66 0.00	26.28 1.35 0.00	27.27 1.62 0.00	25.61 1.50 0.00
RAMAPO___LBMP 323565	25.45 0.40 -16.46	23.64 0.38 -15.09	23.73 0.22 -18.38	23.51 0.23 -18.06	24.38 0.23 -18.86	26.64 0.28 -20.21	37.87 0.33 -30.44	38.63 0.31 -31.58	32.05 1.09 -8.82	29.02 1.02 -8.80	27.33 1.38 -1.31	26.67 1.41 0.00	26.59 1.43 0.00	27.28 1.28 -3.91	26.86 1.32 -2.74	28.51 1.45 -2.91	34.36 1.39 -9.42	43.03 1.61 -13.72	36.88 1.70 -4.77	30.69 1.66 0.00	28.23 1.45 0.00	26.18 1.25 0.00	26.96 1.31 0.00	25.25 1.13 0.00
RANKINE____ 23646	13.12 -0.09 -4.63	12.36 -0.06 -4.25	10.24 -0.06 -5.18	10.24 -0.07 -5.08	10.54 -0.06 -5.31	11.75 -0.09 -5.69	15.50 -0.16 -8.57	15.47 -0.16 -8.89	23.79 -0.84 -2.48	20.94 -0.75 -2.48	23.95 -1.06 -0.37	24.55 -0.71 0.00	24.48 -0.68 0.00	22.66 -0.53 -1.10	22.96 -0.62 -0.77	24.29 -0.68 -0.82	25.45 -0.75 -2.66	30.64 -0.94 -3.88	30.60 -1.16 -1.35	28.66 -0.38 0.00	26.11 -0.67 0.00	24.38 -0.55 0.00	25.14 -0.51 0.00	24.09 -0.02 0.00
RAVENSWOOD_GT2_1 24244	26.11 0.47 -17.05	24.25 0.44 -15.64	24.43 0.26 -19.04	24.20 0.27 -18.71	25.09 0.26 -19.54	27.41 0.33 -20.94	39.01 0.39 -31.53	39.82 0.36 -32.71	32.59 1.31 -9.14	29.57 1.25 -9.11	27.70 1.70 -1.36	27.00 1.74 0.00	26.94 1.79 0.00	27.71 1.57 -4.05	27.28 1.64 -2.83	28.92 1.76 -3.01	35.00 1.70 -9.76	43.80 1.88 -14.21	37.45 2.10 -4.94	31.04 2.00 0.00	28.55 1.77 0.00	26.45 1.52 0.00	27.22 1.56 0.00	25.46 1.35 0.00
RAVENSWOOD_GT2_2 24245	26.11 0.47 -17.05	24.25 0.44 -15.64	24.43 0.26 -19.04	24.20 0.27 -18.71	25.09 0.26 -19.54	27.41 0.33 -20.94	39.01 0.39 -31.53	39.82 0.36 -32.71	32.59 1.31 -9.14	29.57 1.25 -9.11	27.70 1.70 -1.36	27.00 1.74 0.00	26.94 1.79 0.00	27.71 1.57 -4.05	27.28 1.64 -2.83	28.92 1.76 -3.01	35.00 1.70 -9.76	43.80 1.88 -14.21	37.45 2.10 -4.94	31.04 2.00 0.00	28.55 1.77 0.00	26.45 1.52 0.00	27.22 1.56 0.00	25.46 1.35 0.00
RAVENSWOOD_GT2_3 24246	26.12 0.48 -17.05	24.25 0.44 -15.64	24.43 0.26 -19.04	24.20 0.27 -18.71	25.09 0.26 -19.54	27.41 0.33 -20.94	39.01 0.39 -31.53	39.82 0.36 -32.71	32.61 1.33 -9.14	29.59 1.27 -9.11	27.70 1.70 -1.36	27.00 1.74 0.00	26.94 1.79 0.00	27.73 1.59 -4.05	27.30 1.66 -2.83	28.95 1.79 -3.01	35.02 1.72 -9.76	43.83 1.91 -14.21	37.45 2.10 -4.94	31.07 2.03 0.00	28.55 1.77 0.00	26.45 1.52 0.00	27.22 1.56 0.00	25.49 1.37 0.00
RAVENSWOOD_GT2_4 24247	26.12 0.48 -17.05	24.25 0.44 -15.64	24.43 0.26 -19.04	24.20 0.27 -18.71	25.09 0.26 -19.54	27.41 0.33 -20.94	39.01 0.39 -31.53	39.82 0.36 -32.71	32.61 1.33 -9.14	29.59 1.27 -9.11	27.70 1.70 -1.36	27.00 1.74 0.00	26.94 1.79 0.00	27.73 1.59 -4.05	27.30 1.66 -2.83	28.95 1.79 -3.01	35.02 1.72 -9.76	43.83 1.91 -14.21	37.45 2.10 -4.94	31.07 2.03 0.00	28.55 1.77 0.00	26.45 1.52 0.00	27.22 1.56 0.00	25.49 1.37 0.00
RAVENSWOOD_GT3_1 24248	26.12 0.48 -17.05	24.25 0.44 -15.64	24.43 0.26 -19.04	24.20 0.27 -18.71	25.09 0.26 -19.54	27.41 0.33 -20.94	39.01 0.39 -31.53	39.82 0.36 -32.71	32.59 1.31 -9.14	29.57 1.25 -9.11	27.70 1.70 -1.36	27.00 1.74 0.00	26.94 1.79 0.00	27.71 1.57 -4.05	27.28 1.64 -2.83	28.95 1.79 -3.01	35.00 1.70 -9.76	43.80 1.88 -14.21	37.45 2.10 -4.94	31.07 2.03 0.00	28.55 1.77 0.00	26.45 1.52 0.00	27.22 1.56 0.00	25.46 1.35 0.00
RAVENSWOOD_GT3_2 24249	26.12 0.48 -17.05	24.25 0.44 -15.64	24.43 0.26 -19.04	24.20 0.27 -18.71	25.09 0.26 -19.54	27.41 0.33 -20.94	39.01 0.39 -31.53	39.82 0.36 -32.71	32.59 1.31 -9.14	29.57 1.25 -9.11	27.70 1.70 -1.36	27.00 1.74 0.00	26.94 1.79 0.00	27.71 1.57 -4.05	27.28 1.64 -2.83	28.95 1.79 -3.01	35.00 1.70 -9.76	43.80 1.88 -14.21	37.45 2.10 -4.94	31.07 2.03 0.00	28.55 1.77 0.00	26.45 1.52 0.00	27.22 1.56 0.00	25.46 1.35 0.00
RAVENSWOOD_GT3_3 24250	26.13 0.49 -17.05	24.26 0.45 -15.64	24.43 0.27 -19.04	24.20 0.27 -18.71	25.10 0.27 -19.54	27.42 0.34 -20.94	39.02 0.40 -31.53	39.82 0.37 -32.71	32.64 1.35 -9.14	29.61 1.29 -9.11	27.72 1.72 -1.36	27.03 1.77 0.00	26.97 1.81 0.00	27.75 1.61 -4.05	27.30 1.66 -2.83	28.97 1.81 -3.01	35.05 1.74 -9.76	43.86 1.94 -14.21	37.48 2.13 -4.94	31.10 2.06 0.00	28.57 1.79 0.00	26.48 1.55 0.00	27.24 1.59 0.00	25.49 1.37 0.00
RAVENSWOOD_GT3_4 24251	26.13 0.49 -17.05	24.26 0.45 -15.64	24.43 0.27 -19.04	24.20 0.27 -18.71	25.10 0.27 -19.54	27.42 0.34 -20.94	39.02 0.40 -31.53	39.82 0.37 -32.71	32.64 1.35 -9.14	29.61 1.29 -9.11	27.72 1.72 -1.36	27.03 1.77 0.00	26.97 1.81 0.00	27.75 1.61 -4.05	27.30 1.66 -2.83	28.97 1.81 -3.01	35.05 1.74 -9.76	43.86 1.94 -14.21	37.48 2.13 -4.94	31.10 2.06 0.00	28.57 1.79 0.00	26.48 1.55 0.00	27.24 1.59 0.00	25.49 1.37 0.00

RAVENSWOOD_GT_1 23729	26.17 0.53 -17.05	24.29 0.48 -15.64	24.45 0.29 -19.04	24.23 0.30 -18.71	25.11 0.29 -19.54	27.43 0.35 -20.94	39.01 0.38 -31.53	39.81 0.36 -32.71	32.61 1.33 -9.14	29.61 1.29 -9.11	27.75 1.75 -1.36	27.08 1.82 0.00	27.02 1.86 0.00	27.75 1.61 -4.05	27.32 1.69 -2.83	29.00 1.84 -3.01	35.05 1.74 -9.76	43.88 1.97 -14.21	37.51 2.16 -4.94	31.13 2.09 0.00	28.55 1.77 0.00	26.50 1.57 0.00	27.27 1.62 0.00	25.58 1.47 0.00
RAVENSWOOD_GT_10 24258	26.11 0.47 -17.05	24.25 0.44 -15.64	24.42 0.26 -19.04	24.20 0.27 -18.71	25.09 0.26 -19.54	27.41 0.33 -20.94	39.01 0.39 -31.53	39.82 0.36 -32.71	32.59 1.31 -9.14	29.57 1.25 -9.11	27.70 1.70 -1.36	27.00 1.74 0.00	26.94 1.79 0.00	27.71 1.57 -4.05	27.28 1.64 -2.83	28.92 1.76 -3.01	35.00 1.70 -9.76	43.80 1.88 -14.21	37.45 2.10 -4.94	31.07 2.03 0.00	28.55 1.77 0.00	26.45 1.52 0.00	27.22 1.56 0.00	25.46 1.35 0.00
RAVENSWOOD_GT_11 24259	26.11 0.47 -17.05	24.25 0.44 -15.64	24.42 0.26 -19.04	24.20 0.27 -18.71	25.09 0.26 -19.54	27.41 0.33 -20.94	39.01 0.39 -31.53	39.82 0.36 -32.71	32.59 1.31 -9.14	29.57 1.25 -9.11	27.70 1.70 -1.36	27.00 1.74 0.00	26.94 1.79 0.00	27.71 1.57 -4.05	27.28 1.64 -2.83	28.92 1.76 -3.01	35.00 1.70 -9.76	43.80 1.88 -14.21	37.45 2.10 -4.94	31.07 2.03 0.00	28.55 1.77 0.00	26.45 1.52 0.00	27.22 1.56 0.00	25.46 1.35 0.00
RAVENSWOOD_GT_4 24252	26.10 0.46 -17.05	24.24 0.43 -15.64	24.42 0.26 -19.04	24.19 0.26 -18.71	25.09 0.26 -19.54	27.41 0.33 -20.94	39.01 0.39 -31.53	39.82 0.36 -32.71	32.61 1.33 -9.14	29.57 1.25 -9.11	27.70 1.70 -1.36	27.00 1.74 0.00	26.92 1.76 0.00	27.71 1.57 -4.05	27.28 1.64 -2.83	28.92 1.76 -3.01	35.00 1.70 -9.76	43.80 1.88 -14.21	37.45 2.10 -4.94	31.04 2.00 0.00	28.55 1.77 0.00	26.45 1.52 0.00	27.22 1.56 0.00	25.46 1.35 0.00
RAVENSWOOD_GT_5 24254	26.10 0.46 -17.05	24.24 0.43 -15.64	24.42 0.26 -19.04	24.19 0.26 -18.71	25.09 0.26 -19.54	27.41 0.33 -20.94	39.01 0.39 -31.53	39.82 0.36 -32.71	32.61 1.33 -9.14	29.57 1.25 -9.11	27.70 1.70 -1.36	27.00 1.74 0.00	26.92 1.76 0.00	27.71 1.57 -4.05	27.28 1.64 -2.83	28.92 1.76 -3.01	35.00 1.70 -9.76	43.80 1.88 -14.21	37.45 2.10 -4.94	31.04 2.00 0.00	28.55 1.77 0.00	26.45 1.52 0.00	27.22 1.56 0.00	25.46 1.35 0.00
RAVENSWOOD_GT_6 24253	26.10 0.46 -17.05	24.24 0.43 -15.64	24.42 0.26 -19.04	24.19 0.26 -18.71	25.09 0.26 -19.54	27.41 0.33 -20.94	39.01 0.39 -31.53	39.82 0.36 -32.71	32.61 1.33 -9.14	29.57 1.25 -9.11	27.70 1.70 -1.36	27.00 1.74 0.00	26.92 1.76 0.00	27.71 1.57 -4.05	27.28 1.64 -2.83	28.92 1.76 -3.01	35.00 1.70 -9.76	43.80 1.88 -14.21	37.45 2.10 -4.94	31.04 2.00 0.00	28.55 1.77 0.00	26.45 1.52 0.00	27.22 1.56 0.00	25.46 1.35 0.00
RAVENSWOOD_GT_7 24255	26.10 0.46 -17.05	24.24 0.43 -15.64	24.42 0.26 -19.04	24.19 0.26 -18.71	25.09 0.26 -19.54	27.41 0.33 -20.94	39.01 0.39 -31.53	39.82 0.36 -32.71	32.61 1.33 -9.14	29.57 1.25 -9.11	27.70 1.70 -1.36	27.00 1.74 0.00	26.92 1.76 0.00	27.71 1.57 -4.05	27.28 1.64 -2.83	28.92 1.76 -3.01	35.00 1.70 -9.76	43.80 1.88 -14.21	37.45 2.10 -4.94	31.04 2.00 0.00	28.55 1.77 0.00	26.45 1.52 0.00	27.22 1.56 0.00	25.46 1.35 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	26.11 0.47 -17.05	24.25 0.44 -15.64	24.42 0.26 -19.04	24.20 0.27 -18.71	25.09 0.26 -19.54	27.41 0.33 -20.94	39.01 0.39 -31.53	39.82 0.36 -32.71	32.59 1.31 -9.14	29.57 1.25 -9.11	27.70 1.70 -1.36	27.00 1.74 0.00	26.94 1.79 0.00	27.71 1.57 -4.05	27.28 1.64 -2.83	28.92 1.76 -3.01	35.00 1.70 -9.76	43.80 1.88 -14.21	37.45 2.10 -4.94	31.07 2.03 0.00	28.55 1.77 0.00	26.45 1.52 0.00	27.22 1.56 0.00	25.46 1.35 0.00
RAVENSWOOD_GT_9 24257	26.11 0.47 -17.05	24.25 0.44 -15.64	24.42 0.26 -19.04	24.20 0.27 -18.71	25.09 0.26 -19.54	27.41 0.33 -20.94	39.01 0.39 -31.53	39.82 0.36 -32.71	32.59 1.31 -9.14	29.57 1.25 -9.11	27.70 1.70 -1.36	27.00 1.74 0.00	26.94 1.79 0.00	27.71 1.57 -4.05	27.28 1.64 -2.83	28.92 1.76 -3.01	35.00 1.70 -9.76	43.80 1.88 -14.21	37.45 2.10 -4.94	31.07 2.03 0.00	28.55 1.77 0.00	26.45 1.52 0.00	27.22 1.56 0.00	25.46 1.35 0.00
RAVENSWOOD___1 23533	26.16 0.52 -17.05	24.29 0.48 -15.64	24.45 0.28 -19.04	24.22 0.29 -18.71	25.11 0.29 -19.54	27.42 0.34 -20.94	39.04 0.38 -31.57	39.85 0.36 -32.75	32.60 1.31 -9.15	29.60 1.27 -9.12	27.75 1.75 -1.36	27.05 1.79 0.00	26.99 1.84 0.00	27.73 1.59 -4.05	27.32 1.69 -2.83	28.97 1.81 -3.01	35.05 1.74 -9.76	43.86 1.94 -14.21	37.48 2.13 -4.94	31.10 2.06 0.00	28.55 1.77 0.00	26.55 1.62 0.00	27.27 1.62 0.00	25.56 1.45 0.00
RAVENSWOOD___2 23534	26.16 0.52 -17.05	24.29 0.48 -15.64	24.45 0.28 -19.04	24.22 0.29 -18.71	25.11 0.29 -19.54	27.42 0.34 -20.94	39.04 0.38 -31.57	39.84 0.35 -32.75	32.60 1.31 -9.15	29.60 1.27 -9.12	27.75 1.75 -1.36	27.05 1.79 0.00	26.99 1.84 0.00	27.71 1.57 -4.05	27.30 1.66 -2.83	28.97 1.81 -3.01	35.02 1.72 -9.76	43.86 1.94 -14.21	37.48 2.13 -4.94	31.10 2.06 0.00	28.55 1.77 0.00	26.55 1.62 0.00	27.24 1.59 0.00	25.56 1.45 0.00
RAVENSWOOD___3 23535	26.12 0.48 -17.05	24.25 0.44 -15.64	24.43 0.26 -19.04	24.20 0.27 -18.71	25.09 0.26 -19.54	27.41 0.33 -20.94	39.05 0.39 -31.57	39.85 0.36 -32.75	32.60 1.31 -9.15	29.58 1.25 -9.12	27.70 1.70 -1.36	27.00 1.74 0.00	26.94 1.79 0.00	27.69 1.55 -4.05	27.28 1.64 -2.83	28.92 1.76 -3.01	35.00 1.70 -9.76	43.80 1.88 -14.21	37.45 2.10 -4.94	31.07 2.03 0.00	28.55 1.77 0.00	26.53 1.60 0.00	27.22 1.56 0.00	25.46 1.35 0.00
RAVENSWOOD___4 23820	26.15 0.52 -17.05	24.28 0.47 -15.64	24.45 0.28 -19.04	24.22 0.29 -18.71	25.11 0.28 -19.54	27.42 0.34 -20.94	39.04 0.38 -31.57	39.84 0.35 -32.75	32.60 1.31 -9.15	29.60 1.27 -9.12	27.75 1.75 -1.36	27.05 1.79 0.00	26.99 1.84 0.00	27.71 1.57 -4.05	27.30 1.66 -2.83	28.95 1.79 -3.01	35.02 1.72 -9.76	43.83 1.91 -14.21	37.48 2.13 -4.94	31.07 2.03 0.00	28.55 1.77 0.00	26.55 1.62 0.00	27.24 1.59 0.00	25.54 1.42 0.00
RCPI_TRUST___DRP 24196	26.11 0.48 -17.05	24.25 0.44 -15.63	24.43 0.26 -19.04	24.20 0.27 -18.71	25.10 0.27 -19.54	27.41 0.34 -20.93	39.02 0.40 -31.53	39.83 0.38 -32.71	32.64 1.35 -9.14	29.61 1.29 -9.11	27.75 1.75 -1.36	27.05 1.79 0.00	26.99 1.84 0.00	27.75 1.61 -4.04	27.32 1.69 -2.83	29.00 1.84 -3.01	35.04 1.74 -9.76	43.85 1.94 -14.21	37.51 2.16 -4.94	31.10 2.06 0.00	28.60 1.82 0.00	26.50 1.57 0.00	27.24 1.59 0.00	25.49 1.37 0.00
RED___ROCHESTER 323720	12.55 0.04 -3.92	11.82 0.05 -3.60	9.53 0.03 -4.38	9.54 0.02 -4.30	9.81 0.03 -4.49	10.99 0.03 -4.82	14.41 0.00 -7.32	14.33 0.00 -7.59	24.14 -0.13 -2.12	21.19 -0.13 -2.12	24.71 -0.25 -0.31	24.98 -0.28 0.00	24.88 -0.28 0.00	22.79 -0.24 -0.94	23.39 -0.07 -0.65	24.70 -0.14 -0.69	25.60 -0.19 -2.24	30.67 -0.30 -3.26	31.09 -0.46 -1.14	28.84 -0.20 0.00	26.43 -0.35 0.00	24.63 -0.30 0.00	25.32 -0.33 0.00	24.02 -0.10 0.00

REGAN___SOLAR 323812	33.70 0.55 -24.56	31.22 0.52 -22.52	32.88 0.32 -27.43	32.50 0.32 -26.95	33.78 0.34 -28.15	36.73 0.43 -30.16	53.15 0.59 -45.47	54.49 0.59 -47.17	37.25 1.93 -13.18	33.92 1.58 -13.14	28.54 1.95 -1.96	27.15 1.90 0.00	27.14 1.99 0.00	29.80 1.88 -5.83	28.71 1.82 -4.08	30.61 2.13 -4.34	39.65 2.05 -14.06	50.23 2.05 -20.48	39.99 2.46 -7.12	31.22 2.18 0.00	28.79 2.01 0.00	26.78 1.84 0.00	27.37 1.72 0.00	25.49 1.37 0.00
RENSSELAER___COGEN 23796	29.24 0.11 -20.55	27.13 0.11 -18.84	28.13 0.07 -22.95	27.83 0.07 -22.54	28.90 0.07 -23.54	31.45 0.09 -25.23	45.21 0.09 -38.03	46.27 0.09 -39.45	33.48 0.31 -11.02	30.47 0.27 -10.99	26.72 0.44 -1.64	25.74 0.48 0.00	25.66 0.50 0.00	27.43 0.46 -4.88	26.72 0.50 -3.42	28.24 0.46 -3.63	35.72 0.42 -11.75	45.34 0.53 -17.11	36.93 0.58 -5.95	29.53 0.49 0.00	27.37 0.59 0.00	25.43 0.50 0.00	26.06 0.41 0.00	24.43 0.31 0.00
REPUBLIC_115KV_BARTNBRK 55605	30.73 0.96 -21.18	28.49 0.90 -19.42	29.34 0.56 -23.65	29.01 0.55 -23.24	30.14 0.58 -24.27	32.87 0.72 -26.01	47.18 0.92 -39.17	48.23 0.86 -40.63	36.33 2.83 -11.35	32.81 2.29 -11.32	29.23 2.91 -1.69	28.04 2.78 0.00	28.03 2.87 0.00	29.79 2.67 -5.02	29.01 2.69 -3.52	30.76 2.87 -3.74	38.44 2.75 -12.14	48.63 3.24 -17.68	40.02 3.47 -6.15	32.17 3.14 0.00	29.70 2.92 0.00	27.38 2.44 0.00	28.29 2.64 0.00	26.50 2.39 0.00
REVERE_CPPR_DRP 24186	10.13 0.26 -1.28	9.57 0.25 -1.15	6.95 0.16 -1.66	7.02 0.18 -1.62	7.16 0.17 -1.70	8.14 0.20 -1.79	10.20 0.26 -2.85	9.99 0.25 -3.00	22.61 0.78 0.31	19.69 0.60 0.12	24.23 0.81 1.22	26.09 0.83 0.00	25.96 0.81 0.00	23.24 0.73 -0.42	23.80 0.71 -0.29	25.18 0.72 -0.31	25.31 0.75 -1.01	29.96 0.78 -1.48	32.02 1.09 -0.51	29.97 0.93 0.00	27.69 0.91 0.00	25.80 0.87 0.00	26.45 0.80 0.00	24.86 0.75 0.00
REYNOLDS_115KV_TB3 80639	29.34 0.18 -20.58	27.21 0.17 -18.87	28.21 0.11 -22.98	27.90 0.10 -22.57	28.98 0.11 -23.58	31.54 0.14 -25.26	45.28 0.14 -38.05	46.34 0.13 -39.47	33.64 0.47 -11.03	30.59 0.38 -11.00	26.87 0.59 -1.64	25.89 0.63 0.00	25.79 0.63 0.00	27.50 0.53 -4.88	26.84 0.62 -3.42	28.39 0.60 -3.64	35.87 0.57 -11.76	45.55 0.72 -17.12	37.15 0.79 -5.96	29.73 0.70 0.00	27.53 0.75 0.00	25.53 0.60 0.00	26.22 0.56 0.00	24.57 0.46 0.00
RIVERBAY____ 323610	26.28 0.64 -17.05	24.40 0.60 -15.64	24.53 0.36 -19.04	24.30 0.37 -18.71	25.19 0.36 -19.54	27.49 0.41 -20.94	39.02 0.40 -31.53	39.82 0.37 -32.71	32.66 1.37 -9.14	29.65 1.33 -9.11	27.80 1.80 -1.36	27.10 1.84 0.00	27.02 1.86 0.00	27.77 1.63 -4.05	27.35 1.71 -2.83	29.00 1.84 -3.01	35.07 1.77 -9.76	43.77 1.86 -14.21	37.51 2.16 -4.94	31.16 2.12 0.00	28.57 1.79 0.00	26.55 1.62 0.00	27.42 1.77 0.00	25.83 1.71 0.00
RIVERSDE_115KV_TB3 55908	29.35 0.15 -20.62	27.23 0.15 -18.91	28.24 0.09 -23.03	27.94 0.09 -22.63	29.01 0.09 -23.63	31.58 0.12 -25.32	45.35 0.13 -38.14	46.42 0.11 -39.56	33.60 0.40 -11.05	30.58 0.35 -11.02	26.82 0.54 -1.64	25.84 0.58 0.00	25.74 0.58 0.00	27.49 0.51 -4.89	26.80 0.57 -3.43	28.35 0.56 -3.65	35.85 0.52 -11.79	45.54 0.66 -17.17	37.11 0.73 -5.97	29.65 0.61 0.00	27.48 0.70 0.00	25.48 0.55 0.00	26.16 0.51 0.00	24.52 0.41 0.00
ROARING___BROOK_WT_PWR 323790	-0.44 -0.67 8.35	-0.61 -0.64 8.14	-0.45 -0.40 5.18	-0.46 -0.40 5.28	-0.59 -0.41 5.47	-0.68 -0.47 6.35	-0.19 -0.55 6.73	0.00 -0.51 6.23	-1.25 -1.66 21.73	-0.62 -1.44 18.38	-0.90 -1.82 23.72	23.33 -1.92 0.01	23.30 -1.86 0.00	20.50 -1.68 -0.09	21.21 -1.66 -0.07	22.53 -1.69 -0.07	22.28 -1.51 -0.24	26.45 -1.61 -0.35	28.95 -1.58 -0.12	27.56 -1.48 0.00	25.71 -1.07 0.00	24.01 -0.92 0.00	24.78 -0.87 0.00	23.32 -0.80 0.00
ROCHESRG_115KV_T4 355643	12.46 -0.03 -3.91	11.73 -0.02 -3.58	9.47 -0.02 -4.36	9.48 -0.03 -4.29	9.75 -0.02 -4.48	10.92 -0.02 -4.80	14.25 -0.07 -7.23	14.17 -0.07 -7.50	23.86 -0.38 -2.09	20.95 -0.35 -2.09	24.43 -0.52 -0.31	24.68 -0.58 0.00	24.58 -0.58 0.00	22.75 -0.27 -0.93	23.11 -0.34 -0.65	24.45 -0.39 -0.69	25.36 -0.42 -2.24	30.35 -0.61 -3.26	30.78 -0.76 -1.13	28.54 -0.49 0.00	26.11 -0.67 0.00	24.38 -0.55 0.00	25.09 -0.56 0.00	23.82 -0.29 0.00
ROCHESTER_9_IC 23652	12.52 0.01 -3.92	11.79 0.02 -3.60	9.52 0.02 -4.38	9.53 0.00 -4.30	9.79 0.01 -4.49	10.96 0.01 -4.82	14.32 -0.03 -7.25	14.24 -0.03 -7.53	24.01 -0.24 -2.10	21.09 -0.21 -2.10	24.61 -0.34 -0.31	24.88 -0.38 0.00	24.75 -0.40 0.00	22.91 -0.11 -0.93	23.27 -0.18 -0.65	24.57 -0.27 -0.69	25.48 -0.31 -2.24	30.53 -0.44 -3.26	30.96 -0.58 -1.14	28.69 -0.35 0.00	26.27 -0.51 0.00	24.51 -0.42 0.00	25.21 -0.44 0.00	23.92 -0.19 0.00
ROCKVIEW_13_KV_LD 356306	26.11 0.47 -17.05	24.24 0.43 -15.63	24.42 0.26 -19.04	24.20 0.27 -18.71	25.09 0.26 -19.54	27.42 0.34 -20.94	39.02 0.40 -31.53	39.82 0.37 -32.71	32.61 1.33 -9.14	29.57 1.25 -9.11	27.70 1.70 -1.36	26.98 1.72 0.00	26.94 1.79 0.00	27.71 1.57 -4.05	27.28 1.64 -2.83	28.95 1.79 -3.01	35.00 1.70 -9.76	43.83 1.91 -14.21	37.45 2.10 -4.94	31.07 2.03 0.00	28.57 1.79 0.00	26.48 1.55 0.00	27.22 1.56 0.00	25.49 1.37 0.00
ROME____115KV_TB2 80656	10.13 0.26 -1.28	9.57 0.25 -1.15	6.95 0.16 -1.66	7.02 0.18 -1.62	7.16 0.17 -1.70	8.14 0.20 -1.79	10.20 0.26 -2.85	9.99 0.25 -3.00	22.61 0.78 0.31	19.69 0.60 0.12	24.23 0.81 1.22	26.09 0.83 0.00	25.96 0.81 0.00	23.24 0.73 -0.42	23.80 0.71 -0.29	25.18 0.72 -0.31	25.31 0.75 -1.01	29.96 0.78 -1.48	32.02 1.09 -0.51	29.97 0.93 0.00	27.69 0.91 0.00	25.80 0.87 0.00	26.45 0.80 0.00	24.86 0.75 0.00
ROSETON___1 23587	25.85 0.37 -16.89	24.01 0.35 -15.49	24.20 0.21 -18.86	23.97 0.21 -18.53	24.86 0.21 -19.36	27.15 0.26 -20.74	38.67 0.30 -31.28	39.47 0.28 -32.44	32.23 1.02 -9.06	29.19 0.94 -9.04	27.27 1.28 -1.35	26.57 1.31 0.00	26.49 1.33 0.00	27.27 1.17 -4.01	26.86 1.25 -2.81	28.48 1.35 -2.99	34.51 1.29 -9.67	43.25 1.47 -14.08	36.91 1.61 -4.90	30.58 1.54 0.00	28.15 1.37 0.00	26.18 1.25 0.00	26.88 1.23 0.00	25.17 1.06 0.00
ROSETON___2 23588	25.85 0.37 -16.89	24.01 0.35 -15.49	24.20 0.21 -18.86	23.97 0.21 -18.53	24.86 0.21 -19.36	27.15 0.26 -20.74	38.67 0.30 -31.28	39.47 0.28 -32.44	32.23 1.02 -9.06	29.19 0.94 -9.04	27.27 1.28 -1.35	26.57 1.31 0.00	26.49 1.33 0.00	27.27 1.17 -4.01	26.86 1.25 -2.81	28.48 1.35 -2.99	34.51 1.29 -9.67	43.25 1.47 -14.08	36.91 1.61 -4.90	30.58 1.54 0.00	28.15 1.37 0.00	26.18 1.25 0.00	26.88 1.23 0.00	25.17 1.06 0.00
ROTTDRAM_115KV_TB3 80664	30.27 0.27 -21.42	28.07 0.26 -19.64	29.20 0.16 -23.92	28.89 0.17 -23.50	30.00 0.17 -24.54	32.64 0.20 -26.29	46.94 0.24 -39.60	48.05 0.23 -41.08	34.40 0.78 -11.48	31.29 0.63 -11.45	27.21 0.86 -1.70	26.12 0.86 0.00	26.04 0.88 0.00	27.97 0.80 -5.08	27.21 0.84 -3.56	28.83 0.89 -3.79	36.68 0.87 -12.26	46.56 1.00 -17.85	37.71 1.09 -6.21	30.05 1.02 0.00	27.72 0.94 0.00	25.73 0.80 0.00	26.47 0.82 0.00	24.81 0.70 0.00

RUSSELL___1 23602	12.55 0.04 -3.92	11.82 0.05 -3.60	9.53 0.03 -4.38	9.54 0.02 -4.30	9.81 0.03 -4.49	10.99 0.03 -4.82	14.34 0.00 -7.25	14.27 0.00 -7.52	24.12 -0.13 -2.10	21.17 -0.13 -2.10	24.71 -0.25 -0.31	24.98 -0.28 0.00	24.88 -0.28 0.00	23.02 0.00 -0.93	23.39 -0.07 -0.65	24.70 -0.14 -0.69	25.60 -0.19 -2.24	30.66 -0.30 -3.26	31.12 -0.43 -1.14	28.83 -0.20 0.00	26.38 -0.40 0.00	24.63 -0.30 0.00	25.32 -0.33 0.00	24.02 -0.10 0.00
RUSSELL___2 23532	12.55 0.04 -3.92	11.82 0.05 -3.60	9.53 0.03 -4.38	9.54 0.02 -4.30	9.81 0.03 -4.49	10.99 0.03 -4.82	14.34 0.00 -7.25	14.27 0.00 -7.52	24.12 -0.13 -2.10	21.17 -0.13 -2.10	24.71 -0.25 -0.31	24.98 -0.28 0.00	24.88 -0.28 0.00	23.02 0.00 -0.93	23.39 -0.07 -0.65	24.70 -0.14 -0.69	25.60 -0.19 -2.24	30.66 -0.30 -3.26	31.12 -0.43 -1.14	28.83 -0.20 0.00	26.38 -0.40 0.00	24.63 -0.30 0.00	25.32 -0.33 0.00	24.02 -0.10 0.00
RUSSELL___3 23549	12.55 0.04 -3.92	11.82 0.05 -3.60	9.53 0.03 -4.38	9.54 0.02 -4.30	9.81 0.03 -4.49	10.99 0.03 -4.82	14.34 0.00 -7.25	14.27 0.00 -7.52	24.12 -0.13 -2.10	21.17 -0.13 -2.10	24.71 -0.25 -0.31	24.98 -0.28 0.00	24.88 -0.28 0.00	23.02 0.00 -0.93	23.39 -0.07 -0.65	24.70 -0.14 -0.69	25.60 -0.19 -2.24	30.66 -0.30 -3.26	31.12 -0.43 -1.14	28.83 -0.20 0.00	26.38 -0.40 0.00	24.63 -0.30 0.00	25.32 -0.33 0.00	24.02 -0.10 0.00
RUSSELL___4 23556	12.55 0.04 -3.92	11.82 0.05 -3.60	9.53 0.03 -4.38	9.54 0.02 -4.30	9.81 0.03 -4.49	10.99 0.03 -4.82	14.34 0.00 -7.25	14.27 0.00 -7.52	24.12 -0.13 -2.10	21.17 -0.13 -2.10	24.71 -0.25 -0.31	24.98 -0.28 0.00	24.88 -0.28 0.00	23.02 0.00 -0.93	23.39 -0.07 -0.65	24.70 -0.14 -0.69	25.60 -0.19 -2.24	30.66 -0.30 -3.26	31.12 -0.43 -1.14	28.83 -0.20 0.00	26.38 -0.40 0.00	24.63 -0.30 0.00	25.32 -0.33 0.00	24.02 -0.10 0.00
RUSSELL___STATION 23914	12.55 0.04 -3.92	11.82 0.05 -3.60	9.53 0.03 -4.38	9.54 0.02 -4.30	9.81 0.03 -4.49	10.99 0.03 -4.82	14.34 0.00 -7.25	14.27 0.00 -7.52	24.12 -0.13 -2.10	21.17 -0.13 -2.10	24.71 -0.25 -0.31	24.98 -0.28 0.00	24.88 -0.28 0.00	23.02 0.00 -0.93	23.39 -0.07 -0.65	24.70 -0.14 -0.69	25.60 -0.19 -2.24	30.66 -0.30 -3.26	31.12 -0.43 -1.14	28.83 -0.20 0.00	26.38 -0.40 0.00	24.63 -0.30 0.00	25.32 -0.33 0.00	24.02 -0.10 0.00
S SALMON___HYD 24043	10.83 -0.05 -2.30	10.20 -0.05 -2.08	7.92 -0.03 -2.82	7.96 -0.02 -2.76	8.15 -0.02 -2.88	9.18 -0.02 -3.06	11.85 -0.02 -4.78	11.74 -0.01 -5.01	22.20 -0.11 -0.17	19.46 -0.11 -0.37	23.21 -0.20 1.24	25.03 -0.23 0.00	24.91 -0.25 0.00	22.54 -0.22 -0.67	23.02 -0.25 -0.47	24.33 -0.31 -0.50	24.91 -0.26 -1.62	29.82 -0.25 -2.36	31.02 -0.21 -0.82	28.78 -0.26 0.00	26.57 -0.22 0.00	24.73 -0.20 0.00	25.39 -0.26 0.00	23.90 -0.22 0.00
S.PERRY___115KV_TB1 80734	13.62 0.24 -4.79	12.79 0.22 -4.39	10.62 0.14 -5.35	10.61 0.13 -5.26	10.92 0.14 -5.49	12.20 0.18 -5.88	16.15 0.20 -8.86	16.12 0.19 -9.19	25.02 0.31 -2.57	21.90 0.13 -2.56	25.02 0.00 -0.38	25.31 0.05 0.00	25.21 0.05 0.00	23.45 0.22 -1.14	23.76 0.16 -0.80	25.28 0.29 -0.85	26.60 0.33 -2.73	32.15 0.47 -3.97	32.37 0.58 -1.38	29.94 0.90 0.00	27.34 0.56 0.00	25.48 0.55 0.00	26.14 0.49 0.00	24.81 0.70 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	12.99 -0.13 -4.53	12.24 -0.09 -4.16	10.12 -0.07 -5.06	10.12 -0.08 -4.97	10.41 -0.07 -5.19	11.60 -0.11 -5.56	15.27 -0.20 -8.38	15.23 -0.20 -8.69	23.62 -0.95 -2.43	20.77 -0.86 -2.42	23.79 -1.21 -0.36	24.25 -1.01 0.00	24.18 -0.98 0.00	22.50 -0.66 -1.08	22.80 -0.75 -0.75	24.13 -0.82 -0.80	25.23 -0.92 -2.60	30.30 -1.19 -3.79	30.33 -1.40 -1.32	28.25 -0.78 0.00	25.76 -1.02 0.00	24.06 -0.87 0.00	24.83 -0.82 0.00	23.80 -0.31 0.00
SAWYER___23_KV_LOAD 55526	12.99 -0.13 -4.53	12.24 -0.09 -4.16	10.12 -0.07 -5.06	10.12 -0.08 -4.97	10.41 -0.07 -5.19	11.60 -0.11 -5.56	15.27 -0.20 -8.38	15.23 -0.20 -8.69	23.62 -0.95 -2.43	20.77 -0.86 -2.42	23.79 -1.21 -0.36	24.25 -1.01 0.00	24.18 -0.98 0.00	22.50 -0.66 -1.08	22.80 -0.75 -0.75	24.13 -0.82 -0.80	25.23 -0.92 -2.60	30.30 -1.19 -3.79	30.33 -1.40 -1.32	28.25 -0.78 0.00	25.76 -1.02 0.00	24.06 -0.87 0.00	24.83 -0.82 0.00	23.80 -0.31 0.00
SELKIRK___I 23801	29.26 0.18 -20.49	27.13 0.17 -18.79	28.11 0.11 -22.88	27.81 0.11 -22.48	28.88 0.11 -23.48	31.42 0.12 -25.16	45.15 0.13 -37.93	46.21 0.13 -39.34	33.60 0.47 -10.99	30.57 0.40 -10.96	26.86 0.59 -1.63	25.86 0.61 0.00	25.79 0.63 0.00	27.51 0.55 -4.87	26.80 0.59 -3.41	28.37 0.60 -3.62	35.83 0.68 -11.60	45.43 0.83 -16.89	37.19 0.91 -5.88	29.85 0.81 0.00	27.61 0.83 0.00	25.66 0.72 0.00	26.29 0.64 0.00	24.64 0.53 0.00
SELKIRK___II 23799	29.22 0.16 -20.47	27.10 0.15 -18.77	28.09 0.10 -22.87	27.79 0.10 -22.46	28.85 0.10 -23.46	31.40 0.12 -25.14	45.11 0.13 -37.90	46.17 0.12 -39.31	33.55 0.42 -10.98	30.52 0.36 -10.95	26.81 0.54 -1.63	25.84 0.58 0.00	25.74 0.58 0.00	27.48 0.53 -4.86	26.78 0.57 -3.40	28.32 0.56 -3.62	35.79 0.54 -11.71	45.42 0.66 -17.05	37.07 0.73 -5.93	29.68 0.64 0.00	27.45 0.67 0.00	25.51 0.57 0.00	26.16 0.51 0.00	24.52 0.41 0.00
SENECA OSWGO___HYD 24041	11.43 -0.04 -2.89	10.77 -0.04 -2.64	8.41 -0.03 -3.31	8.45 -0.03 -3.25	8.66 -0.03 -3.40	9.75 -0.02 -3.63	12.62 -0.02 -5.56	12.50 -0.02 -5.78	23.24 -0.11 -1.21	20.38 -0.10 -1.27	24.20 -0.20 0.24	25.08 -0.18 0.00	24.93 -0.23 0.00	22.62 -0.20 -0.73	23.08 -0.23 -0.51	24.42 -0.27 -0.54	25.05 -0.26 -1.76	29.90 -0.36 -2.56	30.90 -0.40 -0.89	28.69 -0.35 0.00	26.38 -0.40 0.00	24.58 -0.35 0.00	25.29 -0.36 0.00	23.80 -0.31 0.00
SENECA___115KV_TB3 355854	13.14 -0.08 -4.63	12.37 -0.05 -4.25	10.25 -0.05 -5.18	10.25 -0.06 -5.08	10.55 -0.05 -5.31	11.75 -0.08 -5.69	15.51 -0.15 -8.57	15.47 -0.16 -8.89	23.83 -0.80 -2.48	20.96 -0.73 -2.48	24.00 -1.01 -0.37	24.60 -0.66 0.00	24.53 -0.63 0.00	22.71 -0.49 -1.10	23.00 -0.57 -0.77	24.34 -0.63 -0.82	25.50 -0.71 -2.66	30.67 -0.91 -3.88	30.66 -1.09 -1.35	28.72 -0.32 0.00	26.16 -0.62 0.00	24.43 -0.50 0.00	25.19 -0.46 0.00	24.14 0.02 0.00
SENECA___ENERGY 23797	12.60 0.03 -3.98	11.85 0.03 -3.65	9.58 0.02 -4.44	9.60 0.02 -4.36	9.87 0.02 -4.56	11.07 0.04 -4.88	14.59 0.06 -7.44	14.52 0.06 -7.72	24.39 0.09 -2.16	21.40 0.04 -2.15	24.94 -0.02 -0.32	25.28 0.03 0.00	25.16 0.00 0.00	23.02 -0.02 -0.95	23.46 0.00 -0.66	24.85 0.00 -0.70	25.82 0.00 -2.27	31.05 0.03 -3.31	31.53 -0.03 -1.15	29.10 0.06 0.00	26.67 -0.11 0.00	24.83 -0.10 0.00	25.52 -0.13 0.00	24.09 -0.02 0.00
SHOEMAKER___GT 23640	24.67 0.33 -15.75	22.93 0.32 -14.44	22.90 0.19 -17.59	22.70 0.19 -17.28	23.53 0.19 -18.05	25.71 0.23 -19.34	36.52 0.26 -29.16	37.24 0.25 -30.25	31.49 0.89 -8.45	28.46 0.83 -8.43	27.01 1.11 -1.25	26.40 1.14 0.00	26.29 1.13 0.00	26.83 1.00 -3.74	26.49 1.07 -2.62	28.09 1.16 -2.78	33.67 1.11 -9.01	42.16 1.33 -13.13	36.37 1.40 -4.57	30.37 1.34 0.00	27.96 1.18 0.00	26.00 1.07 0.00	26.78 1.13 0.00	25.10 0.99 0.00

SHOEMAKR_138KV_BK 111 55601	24.58 0.33 -15.66	22.84 0.31 -14.36	22.80 0.19 -17.49	22.60 0.19 -17.18	23.42 0.19 -17.94	25.59 0.23 -19.22	36.31 0.26 -28.96	37.03 0.25 -30.04	31.42 0.89 -8.39	28.40 0.83 -8.37	27.00 1.11 -1.25	26.40 1.14 0.00	26.31 1.16 0.00	26.82 1.02 -3.71	26.48 1.07 -2.60	28.07 1.16 -2.77	33.64 1.13 -8.96	42.06 1.30 -13.05	36.34 1.40 -4.54	30.37 1.34 0.00	27.96 1.18 0.00	25.95 1.02 0.00	26.78 1.13 0.00	25.10 0.99 0.00
SHOREHAM_IC_1 23715	26.38 0.75 -17.05	24.52 0.72 -15.63	24.59 0.42 -19.04	24.37 0.45 -18.70	25.25 0.42 -19.53	27.97 0.56 -21.27	39.31 0.66 -31.56	40.07 0.59 -32.74	33.49 2.19 -9.15	31.46 1.94 -10.31	29.40 2.54 -2.22	27.78 2.53 0.00	27.80 2.64 0.00	29.89 2.32 -5.48	33.24 2.46 -7.97	37.34 2.61 -10.58	41.97 2.64 -15.79	51.97 3.13 -21.14	49.14 3.31 -15.42	40.14 3.25 -7.85	38.50 2.79 -8.94	34.75 2.59 -7.22	28.67 2.85 -0.17	26.59 2.48 0.00
SHOREHAM_IC_2 23716	26.38 0.75 -17.05	24.52 0.72 -15.63	24.59 0.42 -19.04	24.37 0.45 -18.70	25.25 0.42 -19.53	27.97 0.56 -21.27	39.31 0.66 -31.56	40.07 0.59 -32.74	33.49 2.19 -9.15	31.46 1.94 -10.31	29.40 2.54 -2.22	27.78 2.53 0.00	27.80 2.64 0.00	29.89 2.32 -5.48	33.24 2.46 -7.97	37.34 2.61 -10.58	41.97 2.64 -15.79	51.97 3.13 -21.14	49.14 3.31 -15.42	40.14 3.25 -7.85	38.50 2.79 -8.94	34.75 2.59 -7.22	28.67 2.85 -0.17	26.59 2.48 0.00
SISSONVILLE____ 23735	2.33 -0.94 5.31	2.05 -0.91 5.21	1.55 -0.57 3.01	1.57 -0.56 3.09	1.52 -0.58 3.20	1.71 -0.66 3.77	2.71 -0.76 3.62	2.80 -0.72 3.22	4.83 -2.30 15.01	4.51 -2.11 12.58	5.29 -2.74 16.61	22.63 -2.63 0.01	22.62 -2.54 0.00	19.98 -2.32 -0.21	20.64 -2.30 -0.15	21.96 -2.34 -0.15	22.00 -2.05 -0.50	26.24 -2.19 -0.73	28.59 -2.07 -0.25	26.89 -2.15 0.00	25.31 -1.47 0.00	23.59 -1.35 0.00	24.34 -1.31 0.00	22.93 -1.18 0.00
SITHE_IND_GS1 24169	11.10 -0.16 -2.68	10.47 -0.16 -2.46	8.02 -0.10 -2.99	8.06 -0.10 -2.94	8.26 -0.10 -3.07	9.31 -0.12 -3.29	11.94 -0.13 -4.99	11.79 -0.13 -5.18	23.15 -0.44 -1.45	20.25 -0.40 -1.44	24.26 -0.59 -0.21	24.65 -0.61 0.00	24.55 -0.60 0.00	22.20 -0.53 -0.64	22.65 -0.59 -0.45	23.99 -0.63 -0.47	24.44 -0.63 -1.53	29.19 -0.75 -2.23	30.33 -0.85 -0.78	28.25 -0.78 0.00	26.00 -0.78 0.00	24.23 -0.70 0.00	24.96 -0.69 0.00	23.51 -0.60 0.00
SITHE_IND_GS2 24170	11.10 -0.16 -2.68	10.47 -0.16 -2.46	8.02 -0.10 -2.99	8.06 -0.10 -2.94	8.26 -0.10 -3.07	9.31 -0.12 -3.29	11.94 -0.13 -4.99	11.79 -0.13 -5.18	23.15 -0.44 -1.45	20.25 -0.40 -1.44	24.26 -0.59 -0.21	24.65 -0.61 0.00	24.55 -0.60 0.00	22.20 -0.53 -0.64	22.65 -0.59 -0.45	23.99 -0.63 -0.47	24.44 -0.63 -1.53	29.19 -0.75 -2.23	30.33 -0.85 -0.78	28.25 -0.78 0.00	26.00 -0.78 0.00	24.23 -0.70 0.00	24.96 -0.69 0.00	23.51 -0.60 0.00
SITHE_IND_GS3 24171	11.10 -0.16 -2.68	10.47 -0.16 -2.46	8.02 -0.10 -2.99	8.06 -0.10 -2.94	8.26 -0.10 -3.07	9.31 -0.12 -3.29	11.94 -0.13 -4.99	11.79 -0.13 -5.18	23.15 -0.44 -1.45	20.25 -0.40 -1.44	24.26 -0.59 -0.21	24.65 -0.61 0.00	24.55 -0.60 0.00	22.20 -0.53 -0.64	22.65 -0.59 -0.45	23.99 -0.63 -0.47	24.44 -0.63 -1.53	29.19 -0.75 -2.23	30.33 -0.85 -0.78	28.25 -0.78 0.00	26.00 -0.78 0.00	24.23 -0.70 0.00	24.96 -0.69 0.00	23.51 -0.60 0.00
SITHE_IND_GS4 24172	11.10 -0.16 -2.68	10.47 -0.16 -2.46	8.02 -0.10 -2.99	8.06 -0.10 -2.94	8.26 -0.10 -3.07	9.31 -0.12 -3.29	11.94 -0.13 -4.99	11.79 -0.13 -5.18	23.15 -0.44 -1.45	20.25 -0.40 -1.44	24.26 -0.59 -0.21	24.65 -0.61 0.00	24.55 -0.60 0.00	22.20 -0.53 -0.64	22.65 -0.59 -0.45	23.99 -0.63 -0.47	24.44 -0.63 -1.53	29.19 -0.75 -2.23	30.33 -0.85 -0.78	28.25 -0.78 0.00	26.00 -0.78 0.00	24.23 -0.70 0.00	24.96 -0.69 0.00	23.51 -0.60 0.00
SITHE____BATAVIA 24024	12.98 0.09 -4.31	12.23 0.11 -3.95	10.00 0.07 -4.81	10.00 0.05 -4.73	10.29 0.06 -4.94	11.50 0.07 -5.29	15.16 0.03 -8.04	15.10 0.02 -8.34	24.28 -0.20 -2.33	21.30 -0.23 -2.32	24.59 -0.40 -0.35	25.03 -0.23 0.00	24.91 -0.25 0.00	22.92 -0.20 -1.03	23.43 -0.09 -0.72	24.79 -0.12 -0.76	25.80 -0.21 -2.47	31.08 -0.22 -3.60	31.20 -0.46 -1.25	28.84 -0.20 0.00	26.35 -0.43 0.00	24.61 -0.32 0.00	25.27 -0.38 0.00	24.11 0.00 0.00
SITHE____INDEPEND 23800	11.10 -0.16 -2.68	10.47 -0.16 -2.46	8.02 -0.10 -2.99	8.06 -0.10 -2.94	8.26 -0.10 -3.07	9.31 -0.12 -3.29	11.91 -0.13 -4.95	11.75 -0.13 -5.14	23.12 -0.47 -1.44	20.24 -0.40 -1.43	24.26 -0.59 -0.21	24.65 -0.61 0.00	24.55 -0.60 0.00	22.17 -0.55 -0.64	22.65 -0.59 -0.45	23.99 -0.63 -0.47	24.44 -0.64 -1.53	29.19 -0.75 -2.23	30.33 -0.85 -0.78	28.25 -0.78 0.00	26.00 -0.78 0.00	24.28 -0.65 0.00	24.96 -0.69 0.00	23.51 -0.60 0.00
SITHE____MASSENA 23902	0.86 -1.02 6.70	0.63 -0.98 6.56	0.52 -0.61 3.99	0.53 -0.61 4.08	0.44 -0.62 4.23	0.48 -0.72 4.94	1.16 -0.84 5.09	1.30 -0.80 4.64	1.46 -2.53 18.16	1.57 -2.31 15.34	1.67 -2.98 19.98	22.37 -2.88 0.01	22.36 -2.79 0.00	19.70 -2.54 -0.15	20.39 -2.53 -0.11	21.73 -2.54 -0.12	21.68 -2.26 -0.39	25.84 -2.44 -0.57	28.27 -2.34 -0.20	26.63 -2.41 0.00	25.09 -1.69 0.00	23.41 -1.52 0.00	24.19 -1.46 0.00	22.81 -1.30 0.00
SITHE____OGDNSBRG 24021	1.84 -0.89 5.85	1.59 -0.85 5.74	1.21 -0.53 3.39	1.22 -0.52 3.48	1.16 -0.53 3.60	1.30 -0.62 4.22	2.24 -0.70 4.15	2.34 -0.67 3.73	3.78 -2.15 16.22	3.57 -2.02 13.62	4.13 -2.61 17.89	22.75 -2.50 0.01	22.77 -2.39 0.00	20.09 -2.19 -0.19	20.77 -2.17 -0.13	22.12 -2.17 -0.14	22.14 -1.86 -0.46	26.43 -1.94 -0.67	28.91 -1.73 -0.23	27.15 -1.89 0.00	25.60 -1.18 0.00	23.89 -1.05 0.00	24.62 -1.03 0.00	23.20 -0.92 0.00
SITHE____STERLING 23777	10.54 0.23 -1.73	9.96 0.22 -1.57	7.34 0.14 -2.07	7.41 0.15 -2.03	7.57 0.15 -2.12	8.58 0.18 -2.26	10.23 0.22 -2.92	10.01 0.22 -3.05	22.92 0.66 -0.11	19.96 0.52 -0.23	24.61 0.72 0.74	25.96 0.71 0.00	25.86 0.70 0.00	23.12 0.62 -0.41	23.76 0.62 -0.34	25.13 0.63 -0.36	25.35 0.64 -1.16	30.04 0.64 -1.69	31.88 0.88 -0.59	29.79 0.75 0.00	27.50 0.72 0.00	25.61 0.67 0.00	26.27 0.61 0.00	24.72 0.60 0.00
SLEIGHT__34_KV_TB1 80719	12.44 -0.01 -3.86	11.70 -0.01 -3.54	9.44 0.00 -4.31	9.45 -0.01 -4.24	9.71 -0.01 -4.42	10.89 0.01 -4.74	14.23 0.00 -7.14	14.16 0.01 -7.41	24.13 -0.09 -2.07	21.20 -0.08 -2.06	24.78 -0.17 -0.31	25.08 -0.18 0.00	24.93 -0.23 0.00	22.96 -0.04 -0.92	23.33 -0.11 -0.64	24.71 -0.12 -0.68	25.59 -0.16 -2.21	30.67 -0.25 -3.22	31.16 -0.36 -1.12	28.69 -0.35 0.00	26.30 -0.48 0.00	24.53 -0.40 0.00	25.19 -0.46 0.00	23.82 -0.29 0.00
SOUTH CAIRO____GT 23612	28.63 0.50 -19.55	26.57 0.47 -17.92	27.25 0.30 -21.83	26.96 0.29 -21.45	27.99 0.30 -22.40	30.49 0.34 -24.00	43.68 0.41 -36.18	44.68 0.40 -37.53	33.92 1.28 -10.49	30.64 0.98 -10.46	27.41 1.21 -1.56	26.52 1.26 0.00	26.39 1.23 0.00	27.88 1.15 -4.64	27.28 1.23 -3.25	28.91 1.30 -3.46	35.92 1.13 -11.24	45.63 1.55 -16.37	37.68 1.58 -5.69	30.35 1.31 0.00	28.20 1.42 0.00	26.13 1.20 0.00	26.68 1.03 0.00	24.96 0.84 0.00

SOUTH HAMPTN___IC 23720	26.47 0.84 -17.05	24.62 0.82 -15.63	24.65 0.49 -19.04	24.43 0.51 -18.70	25.31 0.49 -19.53	28.05 0.63 -21.27	39.40 0.75 -31.56	40.16 0.67 -32.74	33.76 2.46 -9.15	31.71 2.19 -10.31	29.72 2.86 -2.22	28.11 2.85 0.00	28.15 2.99 0.00	30.20 2.63 -5.48	33.56 2.78 -7.97	37.66 2.94 -10.57	42.35 3.01 -15.79	52.47 3.63 -21.14	49.63 3.80 -15.42	40.55 3.66 -7.85	38.87 3.16 -8.93	35.07 2.92 -7.22	28.97 3.15 -0.17	26.88 2.77 0.00
SOUTHDOW_115KV_TB1 355954	13.36 -0.03 -4.80	12.57 0.00 -4.40	10.46 -0.03 -5.36	10.45 -0.04 -5.27	10.77 -0.03 -5.50	12.00 -0.04 -5.90	15.92 -0.04 -8.88	15.90 -0.05 -9.21	24.21 -0.51 -2.57	21.33 -0.44 -2.57	24.38 -0.64 -0.38	25.23 -0.03 0.00	25.18 0.03 0.00	23.19 -0.04 -1.14	23.53 -0.07 -0.80	24.87 -0.12 -0.85	26.16 -0.16 -2.78	31.83 0.08 -4.04	31.84 0.03 -1.41	29.88 0.84 0.00	27.18 0.40 0.00	25.36 0.42 0.00	26.11 0.46 0.00	25.01 0.89 0.00
SOUTHOLD_69_KV_BK 2 55809	26.60 0.97 -17.05	24.73 0.93 -15.63	24.72 0.56 -19.04	24.51 0.58 -18.70	25.39 0.57 -19.53	28.15 0.73 -21.27	39.48 0.86 -31.52	40.22 0.78 -32.70	34.12 2.83 -9.14	32.02 2.52 -10.29	30.13 3.28 -2.21	28.54 3.28 0.00	28.58 3.42 0.00	30.59 3.03 -5.47	33.96 3.19 -7.97	38.14 3.43 -10.57	42.85 3.51 -15.79	53.05 4.21 -21.14	50.24 4.41 -15.42	41.16 4.27 -7.85	39.38 3.67 -8.93	35.44 3.29 -7.22	29.44 3.62 -0.18	27.28 3.16 0.00
SOUTHOLD___IC 23719	26.60 0.97 -17.05	24.73 0.93 -15.63	24.72 0.56 -19.04	24.51 0.58 -18.70	25.39 0.57 -19.53	28.15 0.73 -21.27	39.52 0.86 -31.56	40.26 0.78 -32.74	34.13 2.84 -9.15	32.03 2.52 -10.31	30.14 3.28 -2.22	28.54 3.28 0.00	28.58 3.42 0.00	30.58 3.00 -5.48	33.97 3.19 -7.97	38.12 3.41 -10.57	42.85 3.51 -15.79	53.03 4.18 -21.14	50.30 4.47 -15.42	41.16 4.27 -7.85	39.38 3.67 -8.93	35.52 3.36 -7.22	29.41 3.59 -0.17	27.27 3.16 0.00
SOUTH_FORK_WT_PWR 323839	26.62 0.99 -17.05	24.76 0.96 -15.63	24.73 0.57 -19.04	24.53 0.60 -18.70	25.40 0.58 -19.53	28.16 0.74 -21.27	39.50 0.89 -31.52	40.24 0.80 -32.70	34.16 2.88 -9.14	32.08 2.57 -10.29	30.21 3.35 -2.21	28.59 3.33 0.00	28.63 3.47 0.00	30.65 3.09 -5.47	34.03 3.26 -7.97	38.19 3.48 -10.57	42.89 3.56 -15.79	53.16 4.32 -21.14	50.30 4.47 -15.42	41.25 4.36 -7.85	39.44 3.72 -8.93	35.52 3.37 -7.22	29.49 3.67 -0.18	27.32 3.21 0.00
SPIERFLS_115KV_TB 1 80737	30.32 0.52 -21.21	28.11 0.49 -19.45	29.12 0.31 -23.69	28.79 0.30 -23.27	29.91 0.32 -24.30	32.58 0.39 -26.04	46.81 0.50 -39.22	47.88 0.46 -40.68	35.00 1.48 -11.37	31.75 1.21 -11.33	27.91 1.58 -1.69	26.72 1.46 0.00	26.67 1.51 0.00	28.51 1.39 -5.03	27.76 1.44 -3.53	29.32 1.42 -3.75	37.02 1.32 -12.15	46.98 1.58 -17.70	38.21 1.64 -6.16	30.49 1.45 0.00	28.15 1.37 0.00	26.03 1.10 0.00	27.06 1.41 0.00	25.44 1.33 0.00
ST LAWRENCE___ 23600	0.45 -1.14 6.99	0.25 -1.09 6.84	0.25 -0.68 4.19	0.25 -0.68 4.29	0.15 -0.70 4.44	0.15 -0.81 5.18	0.79 -0.93 5.37	0.94 -0.89 4.91	0.46 -2.88 18.80	0.79 -2.54 15.89	0.70 -3.28 20.66	22.04 -3.21 0.01	22.06 -3.10 0.00	19.40 -2.83 -0.14	20.11 -2.81 -0.11	21.41 -2.85 -0.12	21.40 -2.52 -0.37	25.51 -2.74 -0.54	27.89 -2.71 -0.19	26.31 -2.73 0.00	24.77 -2.01 0.00	23.11 -1.82 0.00	23.88 -1.77 0.00	22.55 -1.57 0.00
STATE_CA_115KV_115_LB 55624	29.49 0.15 -20.75	27.35 0.15 -19.03	28.39 0.09 -23.17	28.08 0.09 -22.77	29.16 0.10 -23.78	31.74 0.12 -25.48	45.60 0.13 -38.37	46.67 0.12 -39.81	33.71 0.44 -11.12	30.66 0.36 -11.09	26.88 0.59 -1.65	25.86 0.61 0.00	25.79 0.63 0.00	27.57 0.55 -4.92	26.89 0.64 -3.45	28.42 0.60 -3.67	35.97 0.57 -11.86	45.68 0.69 -17.28	37.18 0.76 -6.01	29.68 0.64 0.00	27.50 0.72 0.00	25.51 0.57 0.00	26.19 0.54 0.00	24.52 0.41 0.00
STATE_ST_34_KV_LOAD 55959	12.64 0.11 -3.94	11.89 0.11 -3.62	9.59 0.07 -4.40	9.61 0.06 -4.33	9.88 0.07 -4.52	11.07 0.09 -4.84	14.50 0.12 -7.29	14.43 0.12 -7.56	24.59 0.33 -2.11	21.58 0.27 -2.11	25.25 0.30 -0.31	25.61 0.35 0.00	25.48 0.33 0.00	23.34 0.31 -0.94	23.73 0.27 -0.66	25.13 0.29 -0.70	26.08 0.28 -2.25	31.52 0.53 -3.28	31.88 0.33 -1.14	29.36 0.32 0.00	26.94 0.16 0.00	25.11 0.17 0.00	25.78 0.13 0.00	24.31 0.19 0.00
STATION 5_MISC_HYD 23604	12.52 0.01 -3.92	11.79 0.02 -3.60	9.52 0.02 -4.38	9.53 0.00 -4.30	9.79 0.01 -4.49	10.96 0.01 -4.82	14.38 -0.03 -7.32	14.31 -0.03 -7.59	24.05 -0.22 -2.12	21.11 -0.21 -2.12	24.61 -0.35 -0.31	24.88 -0.38 0.00	24.75 -0.40 0.00	22.70 -0.33 -0.94	23.27 -0.18 -0.65	24.58 -0.27 -0.69	25.48 -0.31 -2.24	30.53 -0.44 -3.26	30.93 -0.61 -1.14	28.72 -0.32 0.00	26.30 -0.48 0.00	24.53 -0.40 0.00	25.21 -0.44 0.00	23.92 -0.19 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	12.54 0.10 -3.85	11.80 0.10 -3.53	9.49 0.07 -4.30	9.50 0.06 -4.22	9.77 0.07 -4.41	10.96 0.09 -4.73	14.32 0.11 -7.12	14.24 0.11 -7.39	24.45 0.24 -2.06	21.46 0.19 -2.06	25.12 0.17 -0.31	25.46 0.20 0.00	25.33 0.18 0.00	23.27 0.27 -0.91	23.67 0.23 -0.64	25.04 0.22 -0.68	25.96 0.21 -2.20	31.08 0.17 -3.21	31.68 0.15 -1.12	29.10 0.06 0.00	26.65 -0.13 0.00	24.83 -0.10 0.00	25.50 -0.15 0.00	24.14 0.02 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	12.45 -0.04 -3.91	11.72 -0.03 -3.58	9.47 -0.02 -4.36	9.48 -0.03 -4.29	9.74 -0.03 -4.48	10.91 -0.02 -4.80	14.25 -0.06 -7.22	14.18 -0.05 -7.49	23.91 -0.33 -2.09	21.01 -0.29 -2.09	24.51 -0.44 -0.31	24.78 -0.48 0.00	24.65 -0.50 0.00	22.82 -0.20 -0.93	23.18 -0.27 -0.65	24.50 -0.34 -0.69	25.43 -0.35 -2.23	30.43 -0.53 -3.25	30.87 -0.67 -1.13	28.57 -0.46 0.00	26.16 -0.62 0.00	24.41 -0.52 0.00	25.09 -0.56 0.00	23.80 -0.31 0.00
STA_56___34_KV_BUS2 355983	12.45 -0.04 -3.91	11.72 -0.03 -3.58	9.47 -0.02 -4.36	9.48 -0.03 -4.29	9.74 -0.03 -4.48	10.91 -0.02 -4.80	14.25 -0.06 -7.22	14.18 -0.05 -7.49	23.91 -0.33 -2.09	21.01 -0.29 -2.09	24.51 -0.44 -0.31	24.78 -0.48 0.00	24.65 -0.50 0.00	22.82 -0.20 -0.93	23.18 -0.27 -0.65	24.50 -0.34 -0.69	25.43 -0.35 -2.23	30.43 -0.53 -3.25	30.87 -0.67 -1.13	28.57 -0.46 0.00	26.16 -0.62 0.00	24.41 -0.52 0.00	25.09 -0.56 0.00	23.80 -0.31 0.00
STA_67___115KV_BK2 355882	12.51 0.00 -3.92	11.78 0.01 -3.60	9.51 0.01 -4.38	9.52 -0.01 -4.30	9.79 0.00 -4.49	10.96 0.00 -4.82	14.31 -0.04 -7.25	14.23 -0.03 -7.52	23.98 -0.27 -2.10	21.06 -0.25 -2.10	24.56 -0.39 -0.31	24.83 -0.43 0.00	24.70 -0.45 0.00	22.87 -0.15 -0.93	23.23 -0.23 -0.65	24.53 -0.31 -0.69	25.43 -0.35 -2.24	30.44 -0.53 -3.26	30.90 -0.64 -1.13	28.63 -0.41 0.00	26.22 -0.56 0.00	24.46 -0.47 0.00	25.16 -0.49 0.00	23.90 -0.22 0.00
STA_7___115KV_9TRANS 80674	12.55 0.04 -3.92	11.82 0.05 -3.60	9.53 0.03 -4.38	9.54 0.02 -4.30	9.81 0.03 -4.49	10.99 0.03 -4.82	14.34 0.00 -7.25	14.27 0.00 -7.52	24.12 -0.13 -2.10	21.17 -0.13 -2.10	24.71 -0.25 -0.31	24.98 -0.28 0.00	24.88 -0.28 0.00	23.02 0.00 -0.93	23.39 -0.07 -0.65	24.70 -0.14 -0.69	25.60 -0.19 -2.24	30.66 -0.30 -3.26	31.12 -0.43 -1.14	28.83 -0.20 0.00	26.38 -0.40 0.00	24.63 -0.30 0.00	25.32 -0.33 0.00	24.02 -0.10 0.00

STA_82___115KV_TB1 80780	12.50 -0.01 -3.93	11.77 0.00 -3.60	9.51 0.00 -4.38	9.52 -0.01 -4.31	9.78 -0.01 -4.50	10.96 -0.01 -4.82	14.31 -0.04 -7.26	14.23 -0.04 -7.53	23.96 -0.29 -2.10	21.04 -0.27 -2.10	24.53 -0.42 -0.31	24.78 -0.48 0.00	24.68 -0.48 0.00	22.85 -0.18 -0.93	23.20 -0.25 -0.65	24.53 -0.31 -0.69	25.44 -0.35 -2.24	30.45 -0.53 -3.27	30.91 -0.64 -1.14	28.66 -0.38 0.00	26.22 -0.56 0.00	24.48 -0.45 0.00	25.19 -0.46 0.00	23.90 -0.22 0.00
STEEL___WIND 323596	13.13 -0.09 -4.63	12.36 -0.06 -4.25	10.25 -0.05 -5.18	10.25 -0.06 -5.08	10.54 -0.06 -5.31	11.75 -0.08 -5.69	15.59 -0.15 -8.65	15.56 -0.15 -8.97	23.84 -0.82 -2.51	20.96 -0.75 -2.50	23.98 -1.03 -0.37	24.58 -0.68 0.00	24.50 -0.65 0.00	22.67 -0.53 -1.11	22.96 -0.61 -0.77	24.32 -0.65 -0.82	25.48 -0.73 -2.66	30.64 -0.94 -3.88	30.60 -1.16 -1.35	28.69 -0.35 0.00	26.17 -0.61 0.00	24.48 -0.45 0.00	25.16 -0.49 0.00	24.11 0.00 0.00
STEPHTWN_115KV_BK_2 55603	29.34 0.21 -20.55	27.21 0.20 -18.84	28.19 0.12 -22.95	27.88 0.12 -22.54	28.96 0.13 -23.54	31.52 0.15 -25.23	45.28 0.19 -38.00	46.33 0.18 -39.41	33.78 0.62 -11.01	30.69 0.50 -10.98	27.02 0.74 -1.63	26.04 0.78 0.00	25.96 0.81 0.00	27.67 0.71 -4.87	26.99 0.78 -3.42	28.55 0.77 -3.63	36.04 0.75 -11.74	45.72 0.91 -17.10	37.39 1.03 -5.95	29.94 0.90 0.00	27.74 0.96 0.00	25.71 0.77 0.00	26.37 0.72 0.00	24.69 0.58 0.00
STEBEN_REC_LFGE 323667	14.18 0.09 -5.50	13.30 0.09 -5.04	11.31 0.05 -6.14	11.30 0.04 -6.03	11.64 0.05 -6.30	12.96 0.07 -6.75	17.33 0.07 -10.16	17.33 0.05 -10.54	24.98 -0.11 -2.95	21.97 -0.17 -2.94	24.78 -0.30 -0.44	25.21 -0.05 0.00	25.08 -0.08 0.00	23.40 0.00 -1.30	23.65 -0.07 -0.91	25.24 0.12 -0.97	26.73 0.07 -3.11	32.37 0.14 -4.53	32.13 0.15 -1.58	29.85 0.81 0.00	27.21 0.43 0.00	25.41 0.47 0.00	26.09 0.44 0.00	24.81 0.70 0.00
STILLWATER___SOLAR 323814	30.11 0.42 -21.10	27.92 0.40 -19.35	28.94 0.25 -23.57	28.62 0.25 -23.15	29.73 0.26 -24.18	32.37 0.32 -25.91	46.53 0.38 -39.06	47.62 0.36 -40.52	34.66 1.20 -11.32	31.48 0.98 -11.29	27.60 1.28 -1.68	26.52 1.26 0.00	26.44 1.28 0.00	28.29 1.19 -5.01	27.54 1.23 -3.51	29.18 1.30 -3.73	36.92 1.27 -12.10	46.82 1.50 -17.62	38.12 1.58 -6.13	30.46 1.42 0.00	28.15 1.37 0.00	26.08 1.15 0.00	26.83 1.18 0.00	25.17 1.06 0.00
STONY___BROOK 24151	26.34 0.70 -17.05	24.47 0.67 -15.63	24.56 0.39 -19.04	24.34 0.41 -18.70	25.22 0.40 -19.53	27.94 0.53 -21.27	39.25 0.60 -31.56	40.02 0.54 -32.74	33.38 2.08 -9.15	31.38 1.86 -10.31	29.32 2.46 -2.22	27.71 2.45 0.00	27.73 2.57 0.00	29.80 2.23 -5.48	33.15 2.37 -7.97	37.40 2.49 -10.76	41.77 2.43 -15.80	51.70 2.85 -21.14	48.84 3.01 -15.42	39.87 2.96 -7.87	38.42 2.63 -9.01	34.59 2.42 -7.24	28.52 2.69 -0.18	26.45 2.34 0.00
STURGEON_POOL_HYD 23609	26.65 0.37 -17.70	24.75 0.34 -16.23	25.10 0.21 -19.77	24.86 0.21 -19.42	25.78 0.21 -20.28	28.11 0.24 -21.73	40.09 0.27 -32.73	40.95 0.26 -33.95	32.56 0.93 -9.49	29.55 0.88 -9.46	27.23 1.18 -1.41	26.47 1.21 0.00	26.36 1.21 0.00	27.33 1.04 -4.20	26.86 1.12 -2.94	28.51 1.23 -3.13	34.87 1.20 -10.13	43.81 1.36 -14.75	37.00 1.46 -5.13	30.40 1.36 0.00	28.04 1.26 0.00	26.00 1.07 0.00	26.75 1.10 0.00	25.08 0.96 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	25.02 0.38 -16.06	23.25 0.35 -14.72	23.26 0.20 -17.93	23.05 0.21 -17.62	23.90 0.21 -18.40	26.11 0.26 -19.71	37.08 0.30 -29.69	37.82 0.28 -30.80	31.75 1.00 -8.61	28.73 0.94 -8.58	27.18 1.26 -1.28	26.55 1.29 0.00	26.47 1.31 0.00	27.07 1.17 -3.81	26.70 1.23 -2.67	28.31 1.33 -2.84	34.01 1.27 -9.19	42.53 1.44 -13.38	36.64 1.58 -4.65	30.55 1.51 0.00	28.12 1.34 0.00	26.08 1.15 0.00	26.88 1.23 0.00	25.20 1.09 0.00
SWANROAD_115KV_TB1 355699	12.80 -0.25 -4.46	12.06 -0.20 -4.09	9.97 -0.14 -4.98	9.97 -0.15 -4.90	10.26 -0.15 -5.11	11.43 -0.19 -5.48	15.02 -0.32 -8.25	14.98 -0.32 -8.56	23.21 -1.33 -2.39	20.40 -1.19 -2.39	23.39 -1.60 -0.36	23.77 -1.49 0.00	23.67 -1.48 0.00	22.11 -1.04 -1.06	22.40 -1.14 -0.74	23.73 -1.21 -0.79	24.76 -1.34 -2.56	29.69 -1.75 -3.73	29.76 -1.95 -1.30	27.59 -1.45 0.00	25.15 -1.63 0.00	23.51 -1.42 0.00	24.27 -1.39 0.00	23.27 -0.84 0.00
SYNERGY___BIOGAS 323694	12.98 0.09 -4.31	12.23 0.11 -3.95	10.00 0.07 -4.81	10.00 0.05 -4.73	10.29 0.06 -4.94	11.50 0.07 -5.29	15.16 0.03 -8.04	15.10 0.02 -8.34	24.28 -0.20 -2.33	21.30 -0.23 -2.32	24.59 -0.40 -0.35	25.03 -0.23 0.00	24.91 -0.25 0.00	22.92 -0.20 -1.03	23.43 -0.09 -0.72	24.79 -0.12 -0.76	25.80 -0.21 -2.47	31.08 -0.22 -3.60	31.20 -0.46 -1.25	28.84 -0.20 0.00	26.35 -0.43 0.00	24.61 -0.32 0.00	25.27 -0.38 0.00	24.11 0.00 0.00
SYRACUSE___ENERGY_ST1 323597	12.01 0.06 -3.36	11.31 0.06 -3.08	8.98 0.04 -3.82	9.01 0.04 -3.75	9.25 0.04 -3.92	10.38 0.05 -4.19	13.51 0.06 -6.36	13.41 0.06 -6.61	23.85 0.16 -1.55	20.93 0.13 -1.59	24.69 0.12 0.08	25.41 0.15 0.00	25.28 0.13 0.00	23.03 0.11 -0.83	23.45 0.07 -0.58	24.84 0.07 -0.62	25.60 0.05 -2.00	30.65 0.03 -2.92	31.42 0.00 -1.01	29.07 0.03 0.00	26.70 -0.08 0.00	24.91 -0.02 0.00	25.57 -0.08 0.00	24.11 0.00 0.00
SYRACUSE___ENERGY_ST2 323598	12.01 0.06 -3.36	11.31 0.06 -3.08	8.98 0.04 -3.82	9.01 0.04 -3.75	9.25 0.04 -3.92	10.38 0.05 -4.19	13.51 0.06 -6.36	13.41 0.06 -6.61	23.85 0.16 -1.55	20.93 0.13 -1.59	24.69 0.12 0.08	25.41 0.15 0.00	25.28 0.13 0.00	23.03 0.11 -0.83	23.45 0.07 -0.58	24.84 0.07 -0.62	25.60 0.05 -2.00	30.65 0.03 -2.92	31.42 0.00 -1.01	29.07 0.03 0.00	26.70 -0.08 0.00	24.91 -0.02 0.00	25.57 -0.08 0.00	24.11 0.00 0.00
SYRACUSE___POWER 24017	12.05 0.04 -3.43	11.35 0.04 -3.13	9.04 0.03 -3.89	9.07 0.02 -3.82	9.31 0.03 -3.99	10.44 0.03 -4.27	13.61 0.04 -6.48	13.52 0.05 -6.74	23.81 0.09 -1.57	20.91 0.08 -1.62	24.61 0.05 0.08	25.33 0.08 0.00	25.21 0.05 0.00	22.98 0.04 -0.85	23.42 0.02 -0.59	24.80 0.02 -0.63	25.59 0.00 -2.04	30.68 0.00 -2.97	31.41 -0.03 -1.03	29.04 0.00 0.00	26.67 -0.11 0.00	24.88 -0.05 0.00	25.55 -0.10 0.00	24.07 -0.05 0.00
TALLMAN___138KV_BK151 55660	25.44 0.43 -16.42	23.63 0.40 -15.06	23.70 0.24 -18.34	23.49 0.25 -18.02	24.35 0.24 -18.82	26.61 0.30 -20.16	37.81 0.35 -30.37	38.57 0.32 -31.50	32.10 1.15 -8.80	29.06 1.08 -8.78	27.40 1.45 -1.31	26.75 1.49 0.00	26.69 1.53 0.00	27.36 1.37 -3.90	26.95 1.41 -2.73	28.60 1.55 -2.90	34.43 1.48 -9.40	43.08 1.69 -13.69	36.99 1.82 -4.76	30.78 1.74 0.00	28.31 1.53 0.00	26.25 1.32 0.00	27.04 1.39 0.00	25.30 1.18 0.00
TEALLAVE_115KV_TB7 355573	11.68 0.02 -3.08	11.00 0.02 -2.81	8.64 0.01 -3.51	8.67 0.01 -3.44	8.90 0.01 -3.60	10.00 0.01 -3.85	12.96 0.02 -5.85	12.84 0.02 -6.08	23.51 0.02 -1.34	20.62 0.02 -1.39	24.45 -0.02 0.17	25.26 0.00 0.00	25.13 -0.03 0.00	22.84 -0.02 -0.77	23.29 -0.05 -0.54	24.65 -0.07 -0.57	25.30 -0.09 -1.85	30.29 -0.11 -2.69	31.16 -0.18 -0.94	28.89 -0.15 0.00	26.57 -0.21 0.00	24.78 -0.15 0.00	25.45 -0.21 0.00	23.97 -0.14 0.00

TELGRAPH_34_KV_EAST 80808	12.94 -0.07 -4.42	12.19 -0.03 -4.06	10.03 -0.03 -4.94	10.03 -0.05 -4.85	10.32 -0.04 -5.07	11.52 -0.06 -5.43	15.12 -0.14 -8.17	15.08 -0.14 -8.48	23.76 -0.75 -2.37	20.88 -0.69 -2.36	24.03 -0.96 -0.35	24.42 -0.83 0.00	24.35 -0.81 0.00	22.68 -0.46 -1.05	22.97 -0.57 -0.74	24.32 -0.60 -0.78	25.35 -0.73 -2.54	30.43 -0.97 -3.70	30.57 -1.13 -1.29	28.37 -0.67 0.00	25.87 -0.91 0.00	24.16 -0.77 0.00	24.88 -0.77 0.00	23.80 -0.31 0.00
TEMPLE___115KV_TB 2 55572	11.72 0.03 -3.11	11.03 0.02 -2.84	8.69 0.02 -3.55	8.72 0.01 -3.48	8.94 0.02 -3.64	10.05 0.02 -3.89	13.03 0.03 -5.91	12.91 0.03 -6.14	23.56 0.04 -1.36	20.67 0.04 -1.42	24.49 0.00 0.16	25.28 0.03 0.00	25.16 0.00 0.00	22.87 0.00 -0.77	23.32 -0.02 -0.54	24.68 -0.05 -0.58	25.34 -0.07 -1.87	30.32 -0.11 -2.72	31.20 -0.15 -0.95	28.92 -0.12 0.00	26.59 -0.19 0.00	24.78 -0.15 0.00	25.47 -0.18 0.00	23.99 -0.12 0.00
TIANA___69_KV_BK 1 55817	26.44 0.81 -17.05	24.59 0.78 -15.63	24.63 0.47 -19.04	24.41 0.49 -18.70	25.29 0.47 -19.53	28.03 0.61 -21.27	39.34 0.72 -31.52	40.09 0.65 -32.70	33.67 2.39 -9.14	31.63 2.13 -10.29	29.64 2.78 -2.21	28.01 2.75 0.00	28.05 2.89 0.00	30.12 2.56 -5.47	33.48 2.71 -7.97	37.57 2.85 -10.57	42.23 2.90 -15.79	52.33 3.49 -21.14	49.45 3.62 -15.42	40.43 3.54 -7.85	38.74 3.03 -8.93	34.90 2.74 -7.22	28.90 3.08 -0.18	26.79 2.68 0.00
TILDEN___115KV_TB1 80814	12.05 0.04 -3.43	11.35 0.04 -3.13	9.04 0.03 -3.89	9.07 0.02 -3.82	9.31 0.03 -3.99	10.44 0.03 -4.27	13.61 0.04 -6.48	13.52 0.05 -6.74	23.81 0.09 -1.57	20.91 0.08 -1.62	24.61 0.05 0.08	25.33 0.08 0.00	25.21 0.05 0.00	22.98 0.04 -0.85	23.42 0.02 -0.59	24.80 0.02 -0.63	25.59 0.00 -2.04	30.68 0.00 -2.97	31.41 -0.03 -1.03	29.04 0.00 0.00	26.67 -0.11 0.00	24.88 -0.05 0.00	25.55 -0.10 0.00	24.07 -0.05 0.00
TRIGEN___CC 323695	26.21 0.58 -17.05	24.34 0.54 -15.63	24.48 0.32 -19.04	24.25 0.33 -18.70	25.15 0.32 -19.53	27.84 0.42 -21.27	39.09 0.48 -31.52	39.86 0.42 -32.70	32.90 1.62 -9.14	31.00 1.50 -10.29	28.85 2.00 -2.21	27.25 2.00 0.00	27.22 2.06 0.00	29.40 1.83 -5.47	32.69 1.92 -7.97	35.53 2.08 -9.31	41.30 2.00 -15.75	51.14 2.30 -21.14	48.32 2.49 -15.42	39.15 2.38 -7.73	37.31 2.12 -8.42	33.90 1.87 -7.10	29.08 2.10 -1.32	25.97 1.83 -0.03
TRINITY___115KV__ 4 BK 55933	29.30 0.13 -20.59	27.17 0.12 -18.88	28.19 0.07 -22.99	27.89 0.07 -22.59	28.96 0.07 -23.59	31.51 0.09 -25.28	45.27 0.11 -38.08	46.33 0.35 -39.50	33.54 0.35 -11.04	30.50 0.29 -11.00	26.77 0.49 -1.64	25.76 0.51 0.00	25.69 0.53 0.00	27.42 0.44 -4.88	26.75 0.52 -3.42	28.27 0.48 -3.64	35.79 0.47 -11.77	45.43 0.58 -17.14	37.01 0.64 -5.96	29.59 0.55 0.00	27.40 0.62 0.00	25.41 0.47 0.00	26.09 0.44 0.00	24.45 0.34 0.00
UNION___PROCESSING_DRP 323587	12.71 0.12 -4.01	11.97 0.12 -3.67	9.68 0.08 -4.48	9.69 0.07 -4.40	9.96 0.08 -4.59	11.16 0.10 -4.92	14.58 0.09 -7.41	14.51 0.08 -7.69	24.36 0.07 -2.15	21.37 0.02 -2.14	24.91 -0.05 -0.32	25.31 0.05 0.00	25.16 0.00 0.00	23.22 0.18 -0.95	23.56 0.09 -0.67	24.93 0.07 -0.71	25.84 0.00 -2.30	31.44 0.39 -3.34	31.51 -0.06 -1.16	28.66 -0.38 0.00	26.24 -0.54 0.00	24.48 -0.45 0.00	25.19 -0.46 0.00	23.90 -0.22 0.00
UPPER HUDSON___HYD 24058	30.32 0.52 -21.21	28.11 0.49 -19.45	29.12 0.31 -23.69	28.79 0.30 -23.27	29.91 0.32 -24.30	32.58 0.39 -26.04	46.84 0.50 -39.25	47.92 0.46 -40.72	35.01 1.48 -11.38	31.76 1.21 -11.34	27.91 1.58 -1.69	26.72 1.46 0.00	26.67 1.51 0.00	28.54 1.42 -5.04	27.77 1.44 -3.53	29.32 1.42 -3.75	37.02 1.32 -12.15	46.98 1.58 -17.70	38.20 1.64 -6.16	30.49 1.45 0.00	28.15 1.37 0.00	26.08 1.15 0.00	27.06 1.41 0.00	25.44 1.33 0.00
UPPER RAQUET___HYD 24056	2.33 -0.94 5.31	2.05 -0.91 5.21	1.55 -0.57 3.01	1.57 -0.56 3.09	1.52 -0.58 3.20	1.71 -0.66 3.77	2.58 -0.76 3.75	2.67 -0.72 3.35	4.80 -2.30 15.04	4.41 -2.11 12.68	5.21 -2.74 16.69	22.62 -2.63 0.01	22.62 -2.54 0.00	19.96 -2.32 -0.19	20.65 -2.30 -0.15	21.96 -2.34 -0.15	22.00 -2.05 -0.50	26.24 -2.19 -0.73	28.59 -2.07 -0.25	26.89 -2.15 0.00	25.31 -1.47 0.00	23.59 -1.35 0.00	24.34 -1.31 0.00	22.93 -1.18 0.00
VALLEY44_115KV_TB2 355964	13.29 -0.15 -4.86	12.50 -0.12 -4.45	10.46 -0.09 -5.43	10.45 -0.10 -5.33	10.76 -0.10 -5.57	11.98 -0.12 -5.96	15.91 -0.16 -8.98	15.88 -0.18 -9.32	23.80 -0.95 -2.60	20.94 -0.86 -2.60	23.87 -1.16 -0.39	24.90 -0.35 0.00	24.83 -0.33 0.00	22.58 -0.66 -1.15	22.83 -0.78 -0.81	24.06 -0.94 -0.86	25.39 -0.97 -2.81	30.72 -1.08 -4.09	30.49 -1.34 -1.42	29.04 0.00 0.00	26.41 -0.37 0.00	24.66 -0.27 0.00	25.39 -0.26 0.00	24.38 0.27 0.00
VALLEY___115KV_TB 1-4 80826	9.27 0.16 -0.53	8.81 0.16 -0.48	5.80 0.09 -0.59	5.89 0.09 -0.58	5.98 0.09 -0.60	6.89 0.10 -0.65	8.19 0.13 -0.97	7.88 0.13 -1.01	22.85 0.42 -0.28	19.85 0.36 -0.28	25.20 0.52 -0.04	25.76 0.51 0.00	25.64 0.48 0.00	22.61 0.40 -0.12	23.21 0.32 -0.09	24.55 0.31 -0.09	24.15 0.31 -0.30	28.42 0.28 -0.44	31.08 0.52 -0.15	29.50 0.46 0.00	27.29 0.51 0.00	25.48 0.55 0.00	26.24 0.59 0.00	24.67 0.55 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	18.02 0.50 -8.93	16.85 0.48 -8.19	15.41 0.31 -9.98	15.35 0.33 -9.80	15.86 0.33 -10.24	17.47 0.36 -10.97	24.04 0.43 -16.52	24.30 0.42 -17.14	28.31 1.37 -4.79	25.17 1.19 -4.77	26.98 1.63 -0.71	26.95 1.69 0.00	26.84 1.69 0.00	25.69 1.48 -2.12	25.79 1.50 -1.49	27.32 1.59 -1.58	30.19 1.53 -5.11	36.95 1.80 -7.45	35.00 2.01 -2.59	30.87 1.83 0.00	28.47 1.69 0.00	26.48 1.55 0.00	27.22 1.56 0.00	25.54 1.42 0.00
VISCHER___FERRY HYD 24020	29.67 0.28 -20.80	27.52 0.27 -19.07	28.52 0.16 -23.23	28.21 0.17 -22.82	29.30 0.17 -23.84	31.90 0.22 -25.54	45.84 0.25 -38.50	46.94 0.26 -39.94	34.17 0.86 -11.16	31.05 0.71 -11.13	27.26 0.96 -1.66	26.22 0.96 0.00	26.11 0.96 0.00	27.92 0.88 -4.94	27.20 0.94 -3.46	28.81 0.99 -3.68	36.46 0.97 -11.95	46.18 1.08 -17.40	37.64 1.18 -6.05	30.11 1.08 0.00	27.82 1.04 0.00	25.80 0.87 0.00	26.50 0.85 0.00	24.84 0.72 0.00
V_A_10_SYNC_DSASP 323832	12.66 -0.09 -4.17	11.93 -0.07 -3.82	9.74 -0.05 -4.66	9.74 -0.06 -4.58	10.02 -0.05 -4.78	11.18 -0.08 -5.12	14.71 -0.16 -7.79	14.66 -0.16 -8.08	23.63 -0.78 -2.26	20.77 -0.69 -2.25	23.99 -0.99 -0.33	24.20 -1.06 0.00	24.10 -1.06 0.00	22.18 -0.91 -1.00	22.81 -0.68 -0.69	24.18 -0.70 -0.74	25.16 -0.78 -2.39	30.11 -1.08 -3.48	30.31 -1.31 -1.21	28.08 -0.96 0.00	25.66 -1.12 0.00	23.98 -0.95 0.00	24.68 -0.97 0.00	23.56 -0.55 0.00
V_CMM_10_SYNC_DSASP 323787	0.48 -1.11 6.99	0.28 -1.05 6.84	0.27 -0.66 4.19	0.27 -0.66 4.29	0.17 -0.68 4.44	0.17 -0.79 5.18	0.81 -0.91 5.37	0.97 -0.86 4.91	0.53 -2.81 18.80	0.84 -2.48 15.89	0.78 -3.20 20.66	22.14 -3.11 0.01	22.14 -3.02 0.00	19.49 -2.74 -0.14	20.20 -2.71 -0.11	21.51 -2.75 -0.12	21.47 -2.45 -0.37	25.62 -2.63 -0.54	27.98 -2.62 -0.19	26.40 -2.64 0.00	24.85 -1.93 0.00	23.21 -1.72 0.00	23.98 -1.67 0.00	22.64 -1.47 0.00

V_CMP_10_SYNC_DSASP 323788	0.42 -1.16 7.01	0.21 -1.12 6.85	0.21 -0.71 4.20	0.20 -0.73 4.30	0.09 -0.75 4.45	0.08 -0.87 5.19	0.71 -0.99 5.38	0.88 -0.94 4.92	0.19 -3.12 18.83	0.59 -2.71 15.91	0.43 -3.52 20.69	21.92 -3.33 0.01	21.99 -3.17 0.00	19.27 -2.96 -0.14	19.99 -2.92 -0.11	21.39 -2.87 -0.11	21.42 -2.50 -0.37	25.64 -2.61 -0.54	27.98 -2.62 -0.19	26.51 -2.53 0.00	25.04 -1.74 0.00	23.39 -1.55 0.00	24.22 -1.44 0.00	22.93 -1.18 0.00
V_E_10_SYNC_DSASP 323830	16.32 0.70 -7.03	15.28 0.66 -6.45	13.39 0.41 -7.86	13.38 0.44 -7.72	13.78 0.43 -8.06	15.28 0.50 -8.64	20.91 0.62 -13.20	21.05 0.61 -13.70	27.77 1.79 -3.83	24.45 1.42 -3.82	27.11 1.90 -0.57	27.25 1.99 0.00	27.12 1.96 0.00	25.53 1.74 -1.69	25.82 1.85 -1.17	27.39 2.00 -1.24	29.57 2.00 -4.02	35.86 2.30 -5.86	35.21 2.77 -2.04	31.50 2.47 0.00	29.11 2.33 0.00	27.18 2.24 0.00	27.83 2.18 0.00	26.24 2.12 0.00
V_F_30_NSYNC___DSASP 323816	30.17 0.44 -21.15	27.97 0.41 -19.39	29.00 0.26 -23.62	28.68 0.26 -23.21	29.79 0.26 -24.24	32.44 0.33 -25.97	46.62 0.39 -39.14	47.72 0.38 -40.60	34.73 1.24 -11.35	31.52 1.00 -11.31	27.63 1.31 -1.68	26.55 1.29 0.00	26.49 1.33 0.00	28.33 1.21 -5.02	27.57 1.25 -3.52	29.24 1.35 -3.74	36.96 1.29 -12.12	46.89 1.52 -17.66	38.16 1.61 -6.14	30.52 1.48 0.00	28.17 1.39 0.00	26.13 1.20 0.00	26.88 1.23 0.00	25.20 1.09 0.00
V_F_30_SYNC_DSASP 323786	29.48 0.15 -20.74	27.33 0.15 -19.01	28.37 0.09 -23.16	28.06 0.09 -22.75	29.15 0.10 -23.76	31.72 0.12 -25.46	45.57 0.13 -38.35	46.64 0.12 -39.78	33.70 0.44 -11.11	30.66 0.36 -11.08	26.88 0.59 -1.65	25.86 0.61 0.00	25.79 0.63 0.00	27.56 0.55 -4.92	26.87 0.62 -3.45	28.42 0.60 -3.67	35.97 0.57 -11.86	45.67 0.69 -17.27	37.17 0.76 -6.01	29.68 0.64 0.00	27.50 0.72 0.00	25.51 0.57 0.00	26.19 0.54 0.00	24.52 0.41 0.00
V_XM_10_SYNC_DSASP 323789	0.42 -1.16 7.01	0.21 -1.12 6.85	0.21 -0.71 4.20	0.20 -0.73 4.30	0.09 -0.75 4.45	0.08 -0.87 5.19	0.71 -0.99 5.38	0.88 -0.94 4.92	0.19 -3.12 18.83	0.59 -2.71 15.91	0.43 -3.52 20.69	21.92 -3.33 0.01	21.99 -3.17 0.00	19.27 -2.96 -0.14	19.99 -2.92 -0.11	21.39 -2.87 -0.11	21.42 -2.50 -0.37	25.64 -2.61 -0.54	27.98 -2.62 -0.19	26.51 -2.53 0.00	25.04 -1.74 0.00	23.39 -1.55 0.00	24.22 -1.44 0.00	22.93 -1.18 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	25.53 0.46 -16.48	23.72 0.43 -15.12	23.79 0.26 -18.41	23.58 0.27 -18.09	24.44 0.26 -18.89	26.71 0.33 -20.24	37.96 0.38 -30.48	38.72 0.36 -31.62	32.24 1.26 -8.84	29.21 1.19 -8.81	27.53 1.58 -1.31	26.90 1.64 0.00	26.82 1.66 0.00	27.48 1.48 -3.91	27.09 1.55 -2.74	28.73 1.67 -2.91	34.58 1.60 -9.43	43.27 1.83 -13.74	37.16 1.98 -4.78	30.92 1.89 0.00	28.44 1.66 0.00	26.38 1.45 0.00	27.14 1.49 0.00	25.42 1.30 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	26.15 0.52 -17.05	24.28 0.47 -15.63	24.45 0.28 -19.04	24.22 0.29 -18.71	25.11 0.29 -19.54	27.44 0.36 -20.93	39.06 0.44 -31.53	39.87 0.42 -32.71	32.77 1.48 -9.14	29.72 1.40 -9.11	27.90 1.90 -1.36	27.20 1.94 0.00	27.12 1.96 0.00	27.88 1.75 -4.04	27.46 1.82 -2.83	29.12 1.96 -3.01	35.19 1.88 -9.76	44.02 2.11 -14.21	37.66 2.31 -4.94	31.27 2.24 0.00	28.71 1.93 0.00	26.60 1.67 0.00	27.34 1.69 0.00	25.58 1.47 0.00
W50THST__13_KV_LOAD 356117	26.16 0.52 -17.05	24.28 0.47 -15.63	24.45 0.28 -19.04	24.22 0.29 -18.71	25.12 0.29 -19.54	27.44 0.37 -20.93	39.07 0.45 -31.53	39.87 0.42 -32.71	32.79 1.51 -9.14	29.74 1.42 -9.11	27.90 1.90 -1.36	27.20 1.94 0.00	27.14 1.99 0.00	27.90 1.77 -4.04	27.48 1.85 -2.83	29.14 1.98 -3.01	35.21 1.91 -9.76	44.05 2.13 -14.21	37.69 2.34 -4.94	31.27 2.24 0.00	28.74 1.95 0.00	26.63 1.70 0.00	27.37 1.72 0.00	25.61 1.50 0.00
WADING RIVER_IC_1 23522	26.38 0.75 -17.05	24.52 0.72 -15.63	24.59 0.42 -19.04	24.37 0.45 -18.70	25.25 0.42 -19.53	27.97 0.56 -21.27	39.31 0.66 -31.56	40.07 0.59 -32.74	33.49 2.19 -9.15	31.48 1.96 -10.31	29.42 2.56 -2.22	27.81 2.55 0.00	27.83 2.67 0.00	29.89 2.32 -5.48	33.26 2.49 -7.97	37.33 2.61 -10.57	41.97 2.64 -15.79	52.00 3.16 -21.14	49.17 3.34 -15.42	40.11 3.22 -7.85	38.50 2.79 -8.93	34.75 2.59 -7.22	28.66 2.85 -0.17	26.59 2.48 0.00
WADING RIVER_IC_2 23547	26.38 0.75 -17.05	24.52 0.72 -15.63	24.59 0.42 -19.04	24.37 0.45 -18.70	25.25 0.42 -19.53	27.97 0.56 -21.27	39.31 0.66 -31.56	40.07 0.59 -32.74	33.49 2.19 -9.15	31.48 1.96 -10.31	29.42 2.56 -2.22	27.81 2.55 0.00	27.83 2.67 0.00	29.89 2.32 -5.48	33.26 2.49 -7.97	37.33 2.61 -10.57	41.97 2.64 -15.79	52.00 3.16 -21.14	49.17 3.34 -15.42	40.11 3.22 -7.85	38.50 2.79 -8.93	34.75 2.59 -7.22	28.66 2.85 -0.17	26.59 2.48 0.00
WADING RIVER_IC_3 23601	26.38 0.75 -17.05	24.52 0.72 -15.63	24.59 0.42 -19.04	24.37 0.45 -18.70	25.25 0.42 -19.53	27.97 0.56 -21.27	39.31 0.66 -31.56	40.07 0.59 -32.74	33.49 2.19 -9.15	31.48 1.96 -10.31	29.42 2.56 -2.22	27.81 2.55 0.00	27.83 2.67 0.00	29.89 2.32 -5.48	33.26 2.49 -7.97	37.33 2.61 -10.57	41.97 2.64 -15.79	52.00 3.16 -21.14	49.17 3.34 -15.42	40.11 3.22 -7.85	38.50 2.79 -8.93	34.75 2.59 -7.22	28.66 2.85 -0.17	26.59 2.48 0.00
WALDENNY_12_KV_BK2 80841	13.11 -0.09 -4.62	12.36 -0.05 -4.23	10.23 -0.05 -5.15	10.23 -0.06 -5.06	10.53 -0.05 -5.29	11.73 -0.08 -5.67	15.47 -0.15 -8.53	15.44 -0.16 -8.85	23.80 -0.82 -2.47	20.95 -0.73 -2.47	24.00 -1.01 -0.37	24.58 -0.68 0.00	24.50 -0.65 0.00	22.70 -0.49 -1.09	23.00 -0.57 -0.77	24.36 -0.60 -0.82	25.47 -0.73 -2.65	30.65 -0.91 -3.86	30.66 -1.09 -1.34	28.66 -0.38 0.00	26.11 -0.67 0.00	24.38 -0.55 0.00	25.14 -0.51 0.00	24.09 -0.02 0.00
WALDEN___HYDRO 24148	25.68 0.41 -16.68	23.85 0.38 -15.29	23.98 0.23 -18.63	23.76 0.24 -18.30	24.64 0.23 -19.11	26.90 0.28 -20.48	38.30 0.33 -30.88	39.09 0.31 -32.04	32.20 1.11 -8.95	29.15 1.02 -8.93	27.30 1.33 -1.33	26.62 1.36 0.00	26.51 1.36 0.00	27.22 1.17 -3.96	26.85 1.28 -2.77	28.50 1.40 -2.95	34.46 1.37 -9.55	43.22 1.61 -13.90	36.98 1.73 -4.84	30.66 1.63 0.00	28.25 1.47 0.00	26.28 1.35 0.00	26.98 1.33 0.00	25.27 1.16 0.00
WARRENSBURG____ 23737	30.32 0.52 -21.21	28.11 0.49 -19.45	29.12 0.31 -23.69	28.79 0.30 -23.27	29.91 0.32 -24.30	32.58 0.39 -26.04	46.84 0.50 -39.25	47.92 0.46 -40.72	35.01 1.48 -11.38	31.76 1.21 -11.34	27.91 1.58 -1.69	26.72 1.46 0.00	26.67 1.51 0.00	28.54 1.42 -5.04	27.77 1.44 -3.53	29.32 1.42 -3.75	37.02 1.32 -12.15	46.98 1.58 -17.70	38.20 1.64 -6.16	30.49 1.45 0.00	28.15 1.37 0.00	26.08 1.15 0.00	27.06 1.41 0.00	25.44 1.33 0.00
WATERSIDE___6 8 9 23538	26.15 0.52 -17.05	24.28 0.47 -15.64	24.45 0.28 -19.04	24.22 0.29 -18.71	25.11 0.28 -19.54	27.42 0.34 -20.94	39.00 0.38 -31.53	39.80 0.35 -32.71	32.59 1.31 -9.14	29.59 1.27 -9.11	27.75 1.75 -1.36	27.05 1.79 0.00	26.99 1.84 0.00	27.73 1.59 -4.05	27.30 1.66 -2.83	28.95 1.79 -3.01	35.02 1.72 -9.76	43.83 1.91 -14.21	37.45 2.10 -4.94	31.07 2.03 0.00	28.52 1.74 0.00	26.48 1.55 0.00	27.24 1.59 0.00	25.54 1.42 0.00

WATKINRD_115KV_LN8_ILLION 55919	9.21 0.10 -0.53	8.75 0.10 -0.48	5.77 0.06 -0.59	5.86 0.06 -0.58	5.96 0.06 -0.60	6.86 0.07 -0.65	8.16 0.09 -0.97	7.84 0.09 -1.01	22.72 0.29 -0.28	19.72 0.23 -0.28	25.03 0.34 -0.04	25.59 0.33 0.00	25.48 0.33 0.00	22.48 0.27 -0.12	23.12 0.23 -0.09	24.48 0.24 -0.09	24.08 0.24 -0.30	28.39 0.25 -0.44	30.96 0.40 -0.15	29.39 0.35 0.00	27.16 0.37 0.00	25.36 0.42 0.00	26.09 0.44 0.00	24.52 0.41 0.00
WATSON___69_KV_BK 1 55734	26.45 0.82 -17.05	24.57 0.77 -15.63	24.62 0.46 -19.04	24.40 0.48 -18.70	25.29 0.47 -19.53	28.03 0.61 -21.27	39.34 0.72 -31.52	40.08 0.64 -32.70	33.65 2.37 -9.14	31.63 2.13 -10.29	29.64 2.78 -2.21	28.01 2.75 0.00	28.00 2.84 0.00	30.08 2.52 -5.47	33.44 2.67 -7.97	36.16 2.27 -9.75	41.99 2.68 -15.76	52.19 3.35 -21.14	49.42 3.59 -15.42	39.66 2.85 -7.77	37.79 2.41 -8.60	34.22 2.14 -7.14	28.37 2.46 -0.26	26.75 2.63 -0.01
WDELAWARE___HYD 323627	24.66 0.37 -15.70	22.91 0.34 -14.40	22.87 0.21 -17.54	22.67 0.22 -17.23	23.50 0.21 -17.99	25.67 0.25 -19.28	36.45 0.28 -29.08	37.18 0.28 -30.16	31.55 0.97 -8.43	28.53 0.92 -8.40	27.08 1.18 -1.25	26.50 1.24 0.00	25.66 0.50 0.00	26.22 0.40 -3.73	25.91 0.50 -2.61	27.48 0.56 -2.78	33.13 0.59 -8.99	41.61 0.80 -13.10	35.69 0.73 -4.56	29.62 0.58 0.00	28.09 1.31 0.00	26.13 1.20 0.00	26.86 1.21 0.00	25.13 1.01 0.00
WEST BABYLON___IC 23714	26.38 0.75 -17.05	24.51 0.71 -15.63	24.58 0.42 -19.04	24.36 0.44 -18.70	25.25 0.43 -19.53	27.98 0.57 -21.27	39.27 0.65 -31.52	40.02 0.58 -32.70	33.45 2.17 -9.14	31.46 1.96 -10.29	29.44 2.59 -2.21	27.81 2.55 0.00	27.80 2.64 0.00	29.90 2.34 -5.47	33.23 2.46 -7.97	35.94 2.39 -9.41	41.86 2.57 -15.75	51.95 3.10 -21.14	49.14 3.31 -15.42	39.71 2.93 -7.74	37.78 2.54 -8.46	34.28 2.24 -7.11	28.64 2.59 -0.40	26.58 2.46 -0.01
WEST CANADA___HYD 24049	9.07 -0.04 -0.53	8.61 -0.04 -0.48	5.69 -0.03 -0.59	5.78 -0.02 -0.58	5.87 -0.02 -0.60	6.76 -0.03 -0.65	7.90 -0.03 -0.84	7.59 -0.03 -0.87	22.30 -0.09 -0.24	19.37 -0.08 -0.24	24.60 -0.07 -0.04	25.16 -0.10 0.00	25.08 -0.08 0.00	22.11 -0.09 -0.11	22.80 -0.09 -0.09	24.14 -0.10 -0.09	23.78 -0.07 -0.30	28.06 -0.08 -0.44	30.50 -0.06 -0.15	28.98 -0.06 0.00	26.75 -0.03 0.00	24.93 0.00 0.00	25.65 0.00 0.00	24.11 0.00 0.00
WESTERN_NY_WIND 24143	13.00 0.08 -4.34	12.24 0.09 -3.98	10.02 0.06 -4.84	10.02 0.04 -4.76	10.31 0.05 -4.97	11.52 0.06 -5.32	15.12 0.01 -8.01	15.06 0.01 -8.31	24.20 -0.27 -2.32	21.26 -0.27 -2.32	24.54 -0.44 -0.35	24.96 -0.30 0.00	24.86 -0.30 0.00	23.08 -0.04 -1.03	23.39 -0.14 -0.72	24.74 -0.17 -0.77	25.77 -0.26 -2.49	31.02 -0.30 -3.62	31.21 -0.46 -1.26	28.81 -0.23 0.00	26.27 -0.51 0.00	24.51 -0.42 0.00	25.21 -0.44 0.00	24.09 -0.02 0.00
WESTOVER___LESR 323668	16.14 0.15 -7.40	15.10 0.15 -6.79	13.48 0.09 -8.26	13.44 0.09 -8.12	13.87 0.10 -8.48	15.33 0.10 -9.09	20.90 0.13 -13.68	21.05 0.11 -14.20	26.40 0.29 -3.97	23.39 0.23 -3.95	25.50 0.27 -0.59	25.66 0.40 0.00	25.53 0.38 0.00	24.18 0.33 -1.76	24.35 0.32 -1.23	25.82 0.36 -1.31	28.11 0.33 -4.23	34.26 0.39 -6.17	32.95 0.40 -2.14	29.56 0.52 0.00	27.13 0.35 0.00	25.28 0.35 0.00	25.98 0.33 0.00	24.55 0.43 0.00
WETHRSFD_WT_PWR 323626	13.49 -0.11 -5.01	12.68 -0.09 -4.60	10.66 -0.07 -5.60	10.65 -0.08 -5.50	10.96 -0.07 -5.75	12.20 -0.10 -6.16	16.30 -0.16 -9.37	16.29 -0.17 -9.72	24.04 -0.82 -2.72	21.17 -0.75 -2.71	24.03 -1.01 -0.40	24.48 -0.78 0.00	24.38 -0.78 0.00	22.65 -0.64 -1.20	22.95 -0.68 -0.83	24.38 -0.65 -0.89	25.71 -0.71 -2.87	31.05 -0.83 -4.18	30.83 -1.03 -1.45	28.78 -0.26 0.00	26.25 -0.54 0.00	24.56 -0.37 0.00	25.24 -0.41 0.00	24.09 -0.02 0.00
WHAVSTOR_138KV_BK127 55557	25.52 0.42 -16.51	23.70 0.39 -15.14	23.80 0.24 -18.44	23.58 0.24 -18.11	24.45 0.24 -18.92	26.71 0.29 -20.27	37.97 0.35 -30.53	38.74 0.32 -31.67	32.12 1.13 -8.85	29.11 1.08 -8.82	27.41 1.45 -1.31	26.75 1.49 0.00	26.67 1.51 0.00	27.36 1.35 -3.92	26.96 1.41 -2.74	28.59 1.52 -2.92	34.45 1.46 -9.45	43.16 1.69 -13.76	37.02 1.82 -4.79	30.78 1.74 0.00	28.31 1.53 0.00	26.23 1.30 0.00	27.01 1.36 0.00	25.30 1.18 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	25.52 0.42 -16.51	23.70 0.39 -15.14	23.80 0.24 -18.44	23.58 0.24 -18.11	24.45 0.24 -18.92	26.71 0.29 -20.27	37.97 0.35 -30.53	38.74 0.32 -31.67	32.12 1.13 -8.85	29.11 1.08 -8.82	27.41 1.45 -1.31	26.75 1.49 0.00	26.67 1.51 0.00	27.36 1.35 -3.92	26.96 1.41 -2.74	28.59 1.52 -2.92	34.45 1.46 -9.45	43.16 1.69 -13.76	37.02 1.82 -4.79	30.78 1.74 0.00	28.31 1.53 0.00	26.23 1.30 0.00	27.01 1.36 0.00	25.30 1.18 0.00
WHITEHAL_115KV_TB1 80871	30.46 0.70 -21.18	28.24 0.65 -19.42	29.18 0.40 -23.65	28.86 0.40 -23.24	29.98 0.42 -24.27	32.67 0.52 -26.01	46.93 0.67 -39.17	47.99 0.62 -40.63	35.51 2.02 -11.35	32.16 1.63 -11.32	28.42 2.09 -1.69	27.23 1.97 0.00	27.19 2.04 0.00	29.02 1.90 -5.02	28.26 1.94 -3.52	29.92 2.03 -3.74	37.62 1.93 -12.14	47.77 2.38 -17.68	38.99 2.43 -6.15	31.22 2.18 0.00	28.82 2.04 0.00	26.60 1.67 0.00	27.55 1.90 0.00	25.85 1.74 0.00
WHITEPLN_13_KV_LOAD 356215	26.10 0.50 -17.02	24.25 0.47 -15.61	24.40 0.27 -19.01	24.18 0.28 -18.68	25.08 0.28 -19.50	27.41 0.37 -20.90	39.00 0.43 -31.48	39.81 0.41 -32.65	32.73 1.46 -9.12	29.67 1.36 -9.10	27.84 1.85 -1.35	27.10 1.84 0.00	27.09 1.94 0.00	27.81 1.68 -4.04	27.41 1.78 -2.83	29.06 1.91 -3.01	35.12 1.84 -9.74	43.83 1.94 -14.19	37.62 2.28 -4.93	31.22 2.18 0.00	28.71 1.93 0.00	26.58 1.65 0.00	27.32 1.67 0.00	25.58 1.47 0.00
WM_FLOYD_69_KV_BK2 356380	26.37 0.74 -17.05	24.51 0.71 -15.63	24.58 0.42 -19.04	24.36 0.44 -18.70	25.24 0.42 -19.53	27.97 0.56 -21.27	39.27 0.65 -31.52	40.02 0.58 -32.70	33.45 2.17 -9.14	31.44 1.94 -10.29	29.37 2.51 -2.21	27.76 2.50 0.00	27.77 2.62 0.00	29.88 2.32 -5.47	33.23 2.46 -7.97	37.29 2.58 -10.55	41.95 2.61 -15.79	51.92 3.08 -21.14	49.05 3.22 -15.42	40.08 3.19 -7.85	38.44 2.73 -8.93	34.65 2.49 -7.22	28.65 2.82 -0.18	26.58 2.46 0.00
WOODARD___115KV_TB2 355635	11.71 -0.01 -3.14	11.03 -0.01 -2.87	8.70 0.00 -3.58	8.73 -0.01 -3.51	8.96 0.00 -3.67	10.06 0.00 -3.92	13.05 0.01 -5.96	12.94 0.01 -6.19	23.51 -0.02 -1.39	20.63 -0.02 -1.44	24.43 -0.07 0.14	25.18 -0.08 0.00	25.06 -0.10 0.00	22.78 -0.09 -0.78	23.24 -0.11 -0.55	24.61 -0.12 -0.58	25.29 -0.14 -1.88	30.25 -0.19 -2.74	31.12 -0.24 -0.95	28.83 -0.20 0.00	26.51 -0.27 0.00	24.71 -0.22 0.00	25.39 -0.26 0.00	23.92 -0.19 0.00
YORK___WARBASSE 23770	26.21 0.58 -17.05	24.33 0.52 -15.64	24.47 0.31 -19.04	24.24 0.31 -18.71	25.14 0.31 -19.54	27.44 0.36 -20.94	39.01 0.38 -31.53	39.81 0.36 -32.71	32.61 1.33 -9.14	29.63 1.31 -9.11	27.77 1.77 -1.36	27.10 1.84 0.00	27.04 1.89 0.00	27.79 1.66 -4.05	27.35 1.71 -2.83	29.02 1.86 -3.01	35.12 1.81 -9.76	43.97 2.05 -14.21	37.60 2.25 -4.94	31.19 2.15 0.00	28.60 1.82 0.00	26.53 1.60 0.00	27.34 1.69 0.00	25.66 1.54 0.00