

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/19/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	25.92	21.63	20.31	19.40	20.20	22.42	32.14	33.79	31.28	30.68	29.98	30.34	31.12	32.21	31.37	33.00	36.25	44.21	50.77	49.45	49.97	41.70	34.58	31.21
24138	2.17	1.63	1.41	1.39	1.36	1.76	2.46	3.35	3.11	2.67	2.90	2.90	2.95	3.09	2.83	2.97	3.45	4.16	4.29	3.88	3.83	3.06	2.46	1.96
	-0.86	-1.75	-2.07	-0.86	-2.41	0.00	0.00	2.46	2.07	0.09	3.07	4.10	2.57	0.08	-2.55	-1.76	3.48	5.65	5.79	1.11	1.16	0.58	0.29	0.00
74TH STREET_GT_1	25.86	21.63	20.30	19.40	20.18	22.40	32.11	33.73	31.22	32.20	30.10	30.28	31.89	34.23	34.73	36.00	36.80	44.13	50.66	49.40	49.93	41.62	34.55	31.15
24260	2.11	1.63	1.40	1.39	1.35	1.74	2.43	3.29	3.05	2.61	2.83	2.84	2.89	3.01	2.78	2.91	3.37	4.07	4.18	3.83	3.78	2.98	2.43	1.90
	-0.86	-1.75	-2.07	-0.86	-2.41	0.00	0.00	2.46	2.07	-1.48	2.90	4.09	1.74	-2.03	-5.96	-4.81	2.86	5.64	5.79	1.11	1.16	0.58	0.29	0.00
74TH STREET_GT_2	25.86	21.63	20.30	19.40	20.18	22.40	32.11	33.73	31.22	32.20	30.10	30.28	31.89	34.23	34.73	36.00	36.80	44.13	50.66	49.40	49.93	41.62	34.55	31.15
24261	2.11	1.63	1.40	1.39	1.35	1.74	2.43	3.29	3.05	2.61	2.83	2.84	2.89	3.01	2.78	2.91	3.37	4.07	4.18	3.83	3.78	2.98	2.43	1.90
	-0.86	-1.75	-2.07	-0.86	-2.41	0.00	0.00	2.46	2.07	-1.48	2.90	4.09	1.74	-2.03	-5.96	-4.81	2.86	5.64	5.79	1.11	1.16	0.58	0.29	0.00
ADK HUDSON___FALLS	25.02	21.29	20.23	19.01	20.28	21.72	31.28	33.29	30.39	27.44	28.95	29.87	29.23	28.09	25.20	27.50	34.73	43.93	50.98	48.34	48.91	40.71	33.59	30.30
24011	1.01	0.75	0.69	0.74	0.71	1.05	1.60	1.91	1.42	0.96	0.84	0.85	0.89	1.05	1.07	1.19	1.20	1.69	2.25	2.33	2.32	1.84	1.36	1.05
	-1.13	-2.28	-2.71	-1.12	-3.15	0.00	0.00	1.51	1.27	1.62	2.06	2.52	2.40	2.16	1.85	1.96	2.75	3.46	3.54	0.68	0.71	0.35	0.18	0.00
ADK RESOURCE___RCVRY	25.07	21.33	20.26	19.04	20.32	21.78	31.40	33.42	30.48	27.46	29.01	29.91	29.26	28.12	25.26	27.55	34.84	44.07	51.19	48.58	49.15	40.87	33.69	30.39
23798	1.05	0.78	0.72	0.77	0.74	1.11	1.72	2.04	1.51	0.98	0.90	0.88	0.92	1.08	1.12	1.24	1.30	1.83	2.46	2.57	2.55	2.00	1.46	1.14
	-1.13	-2.28	-2.71	-1.12	-3.15	0.00	0.00	1.51	1.27	1.62	2.05	2.51	2.40	2.16	1.84	1.96	2.75	3.46	3.54	0.68	0.71	0.35	0.18	0.00
ADK S GLENS___FALLS	25.02	21.29	20.23	19.01	20.28	21.72	31.28	33.29	30.39	27.44	28.95	29.87	29.23	28.09	25.20	27.50	34.73	43.93	50.98	48.34	48.91	40.71	33.59	30.30
24028	1.01	0.75	0.69	0.74	0.71	1.05	1.60	1.91	1.42	0.96	0.84	0.85	0.89	1.05	1.07	1.19	1.20	1.69	2.25	2.33	2.32	1.84	1.36	1.05
	-1.13	-2.28	-2.71	-1.12	-3.15	0.00	0.00	1.51	1.27	1.62	2.06	2.52	2.40	2.16	1.85	1.96	2.75	3.46	3.54	0.68	0.71	0.35	0.18	0.00
ADK_NYS___DAM	25.11	21.36	20.28	19.07	20.30	21.69	31.19	33.14	30.50	27.62	29.04	29.86	29.37	28.23	25.44	27.59	34.40	43.19	50.25	47.93	48.40	40.42	33.39	30.19
23527	1.12	0.88	0.81	0.82	0.80	1.03	1.51	1.84	1.60	1.24	1.06	0.98	1.17	1.32	1.40	1.39	1.01	1.14	1.72	1.96	1.84	1.57	1.17	0.94
	-1.10	-2.23	-2.64	-1.09	-3.07	0.00	0.00	1.60	1.34	1.71	2.17	2.66	2.53	2.28	1.95	2.07	2.90	3.66	3.74	0.72	0.75	0.37	0.19	0.00
AIR_PRODUCTS___DRP	24.37	20.88	19.84	18.63	19.86	21.16	30.30	31.85	29.28	26.59	28.11	28.93	28.35	27.23	24.45	26.57	33.41	41.85	48.37	46.14	46.67	38.95	32.28	29.37
24190	0.39	0.40	0.39	0.39	0.38	0.50	0.62	0.59	0.42	0.25	0.18	0.13	0.22	0.38	0.47	0.42	0.11	-0.09	-0.05	0.19	0.14	0.12	0.06	0.12
	-1.09	-2.21	-2.62	-1.08	-3.05	0.00	0.00	1.64	1.38	1.76	2.23	2.73	2.61	2.34	2.00	2.13	2.99	3.76	3.85	0.74	0.77	0.38	0.19	0.00
AKWESSNE_115KV_BK	22.41	17.93	16.56	16.86	16.13	20.00	28.70	18.66	27.38	25.04	26.49	27.29	26.57	10.37	9.08	10.31	31.62	40.05	46.61	45.01	45.86	38.33	31.88	29.02
355683	-0.48	-0.33	-0.27	-0.29	-0.30	-0.66	-0.98	-1.28	-1.21	-0.96	-1.00	-0.98	-1.05	-1.11	-1.01	-1.07	-1.09	-1.14	-1.05	-0.79	-0.52	-0.43	-0.29	-0.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.95	1.65	2.11	2.68	3.28	3.13	17.72	15.89	16.89	3.58	4.51	4.61	0.89	0.92	0.46	0.23	0.00
ALBANY_1_SOLAR	24.56	20.93	19.87	18.73	19.88	21.43	30.72	32.14	29.44	26.59	28.01	28.77	28.19	27.06	24.30	26.50	33.45	42.13	48.88	46.87	47.36	39.59	32.85	29.87
323833	0.62	0.53	0.50	0.53	0.51	0.76	1.04	1.02	0.70	0.39	0.27	0.19	0.28	0.41	0.49	0.54	0.40	0.50	0.79	0.98	0.90	0.78	0.65	0.62
	-1.05	-2.14	-2.53	-1.05	-2.95	0.00	0.00	1.77	1.49	1.91	2.42	2.96	2.83	2.54	2.17	2.31	3.24	4.08	4.17	0.80	0.83	0.42	0.21	0.00
ALBANY_2_SOLAR	24.56	20.93	19.85	18.71	19.88	21.43	30.69	32.14	29.44	26.59	28.01	28.77	28.19	27.06	24.30	26.47	33.45	42.13	48.89	46.82	47.36	39.59	32.81	29.84
323834	0.62	0.53	0.49	0.51	0.51	0.76	1.01	1.02	0.70	0.39	0.27	0.19	0.28	0.41	0.49	0.51	0.40	0.50	0.79	0.93	0.90	0.78	0.61	0.58
	-1.05	-2.14	-2.53	-1.05	-2.95	0.00	0.00	1.77	1.49	1.91	2.42	2.96	2.83	2.54	2.17	2.31	3.24	4.08	4.17	0.80	0.83	0.42	0.21	0.00
ALBANY___1	24.37	20.88	19.84	18.63	19.86	21.16	30.30	31.85	29.28	26.59	28.11	28.93	28.35	27.23	24.45	26.57	33.41	41.85	48.37	46.14	46.67	38.95	32.28	29.37
23571	0.39	0.40	0.39	0.39	0.38	0.50	0.62	0.59	0.42	0.25	0.18	0.13	0.22	0.38	0.47	0.42	0.11	-0.09	-0.05	0.19	0.14	0.12	0.06	0.12
	-1.09	-2.21	-2.62	-1.08	-3.05	0.00	0.00	1.64	1.38	1.76	2.23	2.73	2.61	2.34	2.00	2.13	2.99	3.76	3.85	0.74	0.77	0.38	0.19	0.00

ALBANY___2 23572	24.37 0.39 -1.09	20.88 0.40 -2.21	19.84 0.39 -2.62	18.63 0.39 -1.08	19.86 0.38 -3.05	21.16 0.50 0.00	30.30 0.62 0.00	31.85 0.59 1.64	29.28 0.42 1.38	26.59 0.25 1.76	28.11 0.18 2.23	28.93 0.13 2.73	28.35 0.22 2.61	27.23 0.38 2.34	24.45 0.47 2.00	26.57 0.42 2.13	33.41 0.11 2.99	41.85 -0.09 3.76	48.37 -0.05 3.85	46.14 0.19 0.74	46.67 0.14 0.77	38.95 0.12 0.38	32.28 0.06 0.19	29.37 0.12 0.00
ALBANY___3 23573	24.37 0.39 -1.09	20.88 0.40 -2.21	19.84 0.39 -2.62	18.63 0.39 -1.08	19.86 0.38 -3.05	21.16 0.50 0.00	30.30 0.62 0.00	31.85 0.59 1.64	29.28 0.42 1.38	26.59 0.25 1.76	28.11 0.18 2.23	28.93 0.13 2.73	28.35 0.22 2.61	27.23 0.38 2.34	24.45 0.47 2.00	26.57 0.42 2.13	33.41 0.11 2.99	41.85 -0.09 3.76	48.37 -0.05 3.85	46.14 0.19 0.74	46.67 0.14 0.77	38.95 0.12 0.38	32.28 0.06 0.19	29.37 0.12 0.00
ALBANY___4 23574	24.37 0.39 -1.09	20.88 0.40 -2.21	19.84 0.39 -2.62	18.63 0.39 -1.08	19.86 0.38 -3.05	21.16 0.50 0.00	30.30 0.62 0.00	31.85 0.59 1.64	29.28 0.42 1.38	26.59 0.25 1.76	28.11 0.18 2.23	28.93 0.13 2.73	28.35 0.22 2.61	27.23 0.38 2.34	24.45 0.47 2.00	26.57 0.42 2.13	33.41 0.11 2.99	41.85 -0.09 3.76	48.37 -0.05 3.85	46.14 0.19 0.74	46.67 0.14 0.77	38.95 0.12 0.38	32.28 0.06 0.19	29.37 0.12 0.00
ALBANY___LFGE 323615	24.54 0.55 -1.10	21.00 0.51 -2.23	19.95 0.47 -2.65	18.74 0.50 -1.09	19.98 0.48 -3.08	21.30 0.64 0.00	30.54 0.86 0.00	32.18 0.89 1.60	29.58 0.70 1.35	26.86 0.48 1.72	28.40 0.42 2.18	29.21 0.35 2.67	28.65 0.46 2.55	27.52 0.61 2.29	24.70 0.67 1.96	26.84 0.65 2.09	33.80 0.44 2.92	42.39 0.36 3.68	48.98 0.47 3.76	46.62 0.65 0.72	47.12 0.57 0.75	39.32 0.47 0.38	32.58 0.36 0.19	29.60 0.35 0.00
ALCOA_PA_115KV_PL-6C 55860	22.43 -0.46 0.00	17.95 -0.31 0.00	16.59 -0.24 0.00	16.90 -0.26 0.00	16.16 -0.26 0.00	20.02 -0.64 0.00	28.73 -0.95 0.00	18.60 -1.25 13.04	27.00 -1.21 2.03	24.56 -0.96 2.59	25.85 -1.03 3.28	26.51 -1.01 4.02	25.83 -1.08 3.83	10.21 -1.11 17.88	8.97 -1.01 16.00	10.19 -1.07 17.01	30.81 -1.09 4.39	39.03 -1.14 5.53	45.62 -0.99 5.66	44.90 -0.70 1.09	45.74 -0.43 1.13	38.34 -0.31 0.56	31.93 -0.19 0.29	29.13 -0.12 0.00
ALCOA_RYNLDS___DRP 24188	22.43 -0.46 0.00	17.95 -0.31 0.00	16.59 -0.24 0.00	16.90 -0.26 0.00	16.16 -0.26 0.00	20.02 -0.64 0.00	28.73 -0.95 0.00	18.60 -1.25 13.04	27.00 -1.21 2.03	24.56 -0.96 2.59	25.85 -1.03 3.28	26.51 -1.01 4.02	25.83 -1.08 3.83	10.21 -1.11 17.88	8.97 -1.01 16.00	10.19 -1.07 17.01	30.81 -1.09 4.39	39.03 -1.14 5.53	45.62 -0.99 5.66	44.90 -0.70 1.09	45.74 -0.43 1.13	38.34 -0.31 0.56	31.93 -0.19 0.29	29.13 -0.12 0.00
ALCOA___DSASP 323711	22.43 -0.46 0.00	17.97 -0.29 0.00	16.59 -0.24 0.00	16.90 -0.26 0.00	16.16 -0.26 0.00	20.04 -0.62 0.00	28.73 -0.95 0.00	18.60 -1.25 13.04	27.00 -1.21 2.03	24.56 -0.96 2.59	25.85 -1.03 3.28	26.51 -1.01 4.02	25.83 -1.08 3.83	10.21 -1.11 17.88	8.96 -1.01 16.00	10.19 -1.07 17.01	30.81 -1.09 4.39	39.03 -1.14 5.53	45.62 -0.99 5.66	44.90 -0.70 1.09	45.74 -0.43 1.13	38.34 -0.32 0.56	31.93 -0.19 0.29	29.14 -0.12 0.00
ALLEGHENY___COGEN 23514	22.97 -0.09 -0.17	18.43 -0.16 -0.34	17.03 -0.20 -0.40	17.20 -0.12 -0.17	16.79 -0.10 -0.47	20.87 0.21 0.00	29.98 0.30 0.00	19.90 0.95 13.95	19.12 0.57 11.69	13.44 0.28 14.95	11.25 0.03 18.94	8.22 -0.13 23.19	8.34 -0.28 22.12	9.01 -0.29 19.89	8.81 -0.18 17.00	9.98 -0.20 18.10	10.80 -0.14 25.34	14.02 0.23 31.91	20.53 0.89 32.63	40.07 -0.38 6.24	40.54 -0.28 6.48	35.79 -0.20 3.23	30.73 -0.03 1.65	29.02 -0.24 0.00
ALTAMONT_115KV_TB 2 55880	24.59 0.62 -1.09	20.96 0.49 -2.21	19.90 0.45 -2.61	18.71 0.48 -1.08	19.93 0.46 -3.04	21.26 0.60 0.00	30.48 0.80 0.00	32.19 0.95 1.65	29.63 0.79 1.39	26.91 0.59 1.78	28.48 0.57 2.26	29.31 0.54 2.76	28.69 0.58 2.63	27.53 0.70 2.37	24.69 0.73 2.02	26.83 0.71 2.16	33.85 0.58 3.02	42.59 0.69 3.80	49.17 0.78 3.89	46.83 0.89 0.75	47.38 0.85 0.78	39.54 0.71 0.39	32.76 0.55 0.20	29.75 0.50 0.00
ALTONA_WT_PWR 323606	22.20 -0.69 0.00	17.80 -0.46 0.00	16.44 -0.39 0.00	16.72 -0.43 0.00	15.96 -0.46 0.00	19.77 -0.89 0.00	28.37 -1.31 0.00	18.38 -1.58 12.94	27.16 -1.48 1.60	24.85 -1.21 2.04	26.21 -1.36 2.59	26.95 -1.42 3.17	26.24 -1.47 3.02	10.01 -1.49 17.70	8.78 -1.32 15.88	10.05 -1.36 16.87	31.44 -1.38 3.46	40.06 -1.28 4.36	46.82 -0.99 4.46	45.18 -0.65 0.86	46.08 -0.33 0.89	38.54 -0.23 0.44	32.05 -0.13 0.23	29.19 -0.06 0.00
AMERICAN_REF_FUEL 24010	21.30 -1.74 -0.15	17.08 -1.48 -0.30	15.82 -1.36 -0.36	15.93 -1.37 -0.15	15.59 -1.25 -0.42	19.26 -1.41 0.00	27.30 -2.38 0.00	18.91 -1.25 12.73	18.74 -0.75 10.74	13.99 -0.39 13.72	12.43 -0.24 17.48	10.07 -0.06 21.41	10.04 -0.28 20.43	10.51 -0.32 18.37	10.14 -0.23 15.61	11.23 -0.34 16.71	12.44 -0.58 23.27	15.27 -1.14 29.29	20.27 -2.04 29.96	35.73 -5.00 5.96	35.69 -5.49 6.13	31.84 -4.31 3.06	28.06 -2.82 1.53	26.71 -2.55 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	22.03 -1.03 -0.17	17.76 -0.84 -0.34	16.46 -0.77 -0.41	16.57 -0.75 -0.17	16.25 -0.64 -0.47	20.31 -0.35 0.00	28.85 -0.83 0.00	20.40 0.72 13.22	20.01 0.94 11.16	14.82 0.98 14.27	13.32 1.24 18.07	10.80 1.39 22.13	10.70 1.08 21.11	11.23 1.02 18.99	10.69 0.93 16.22	11.93 0.93 17.27	13.26 1.16 24.18	16.49 1.23 30.45	22.05 0.89 31.11	39.43 -1.59 5.67	39.53 -1.89 5.88	34.79 -1.49 2.93	29.92 -0.91 1.58	28.05 -1.20 0.00
ARTHUR KILL_GT_1 23520	25.97 2.22 -0.86	21.69 1.68 -1.75	20.31 1.41 -2.07	19.40 1.39 -0.86	20.18 1.35 -2.41	22.36 1.69 0.00	31.99 2.32 0.00	33.63 3.19 2.46	31.09 2.93 2.07	31.24 2.39 -0.74	29.75 2.56 2.97	30.16 2.71 4.09	31.26 2.64 2.13	33.04 2.80 -1.04	32.91 2.57 -4.36	34.36 2.71 -3.37	36.26 3.12 3.15	43.93 3.88 5.66	44.09 3.92 12.10	44.08 3.60 6.21	44.13 3.59 6.77	41.47 2.82 0.58	34.55 2.43 0.29	31.15 1.90 0.00
ARTHUR_KILL_2 23512	25.90 2.15 -0.86	21.63 1.62 -1.75	20.26 1.36 -2.07	19.35 1.34 -0.86	20.13 1.30 -2.41	22.29 1.63 0.00	31.91 2.23 0.00	33.53 3.09 2.46	31.00 2.84 2.07	31.15 2.30 -0.74	29.69 2.50 2.97	30.03 2.59 4.09	31.16 2.55 2.13	32.95 2.72 -1.04	32.86 2.52 -4.36	34.28 2.63 -3.37	36.19 3.05 3.15	43.80 3.75 5.66	43.93 3.77 12.11	43.93 3.46 6.22	43.93 3.41 6.78	41.23 2.59 0.58	34.45 2.33 0.29	31.07 1.81 0.00
ARTHUR_KILL_3 23513	25.67 1.92 -0.86	21.47 1.46 -1.75	20.16 1.26 -2.07	19.26 1.25 -0.86	20.05 1.22 -2.41	22.23 1.57 0.00	31.85 2.17 0.00	33.46 3.02 2.46	30.94 2.78 2.07	31.23 2.39 -0.74	29.77 2.59 2.98	30.06 2.62 4.10	31.22 2.61 2.14	33.00 2.78 -1.03	32.88 2.55 -4.35	34.30 2.66 -3.37	36.22 3.08 3.15	43.62 3.57 5.65	43.78 3.60 12.10	43.75 3.27 6.21	43.79 3.26 6.77	41.27 2.63 0.58	34.25 2.14 0.29	30.92 1.67 0.00

ARTHUR_KILL_COGEN 323718	25.97 2.22 -0.86	21.67 1.66 -1.75	20.31 1.41 -2.07	19.40 1.39 -0.86	20.18 1.35 -2.41	22.33 1.67 0.00	32.00 2.32 0.00	33.63 3.19 2.46	31.09 2.93 2.07	31.23 2.39 -0.74	29.78 2.59 2.97	30.13 2.68 4.09	31.26 2.64 2.13	33.04 2.80 -1.04	32.91 2.57 -4.36	34.36 2.71 -3.37	36.26 3.12 3.15	43.93 3.88 5.66	44.09 3.92 12.11	44.07 3.60 6.22	44.12 3.59 6.78	41.35 2.70 0.58	34.55 2.43 0.29	31.15 1.90 0.00
ASHOKAN____ 23654	24.59 0.73 -0.96	20.76 0.55 -1.96	19.57 0.42 -2.32	18.54 0.43 -0.96	19.61 0.49 -2.70	22.29 1.63 0.00	32.02 2.34 0.00	33.60 2.79 2.09	30.80 2.33 1.76	27.51 1.66 2.25	28.84 1.54 2.85	29.56 1.51 3.49	29.03 1.63 3.33	27.92 1.72 3.00	25.09 1.66 2.56	27.36 1.81 2.73	34.57 2.10 3.82	43.64 2.74 4.81	50.33 2.98 4.92	48.78 3.03 0.95	49.25 2.93 0.98	41.28 2.55 0.49	34.17 2.01 0.25	30.86 1.61 0.00
ASTORIA_EAST_ENERGY_CC1 323581	25.72 1.97 -0.86	21.56 1.55 -1.75	20.21 1.31 -2.07	19.28 1.27 -0.86	20.06 1.23 -2.41	22.27 1.61 0.00	31.72 2.05 0.01	33.32 2.90 2.46	30.93 2.78 2.08	31.25 2.42 -0.73	29.79 2.62 2.99	30.11 2.68 4.11	31.27 2.67 2.14	33.02 2.80 -1.02	32.89 2.57 -4.34	34.32 2.69 -3.36	36.21 3.08 3.16	43.75 3.70 5.66	50.03 3.56 5.80	48.79 3.22 1.12	49.30 3.17 1.17	41.11 2.47 0.59	34.13 2.01 0.29	30.76 1.52 0.01
ASTORIA_EAST_ENERGY_CC2 323582	25.72 1.97 -0.86	21.56 1.55 -1.75	20.21 1.31 -2.07	19.28 1.27 -0.86	20.06 1.23 -2.41	22.27 1.61 0.00	31.72 2.05 0.01	33.32 2.90 2.46	30.93 2.78 2.08	31.25 2.42 -0.73	29.79 2.62 2.99	30.11 2.68 4.11	31.27 2.67 2.14	33.02 2.80 -1.02	32.89 2.57 -4.34	34.32 2.69 -3.36	36.21 3.08 3.16	43.75 3.70 5.66	50.03 3.56 5.80	48.79 3.22 1.12	49.30 3.17 1.17	41.11 2.47 0.59	34.13 2.01 0.29	30.76 1.52 0.01
ASTORIA_GT2_1 24094	25.74 1.99 -0.86	21.58 1.57 -1.75	20.21 1.31 -2.07	19.28 1.27 -0.86	20.08 1.25 -2.41	22.29 1.63 0.00	31.76 2.08 0.00	33.36 2.93 2.46	30.94 2.78 2.07	31.25 2.42 -0.73	29.80 2.62 2.99	30.08 2.65 4.11	31.30 2.71 2.14	33.02 2.80 -1.02	32.92 2.60 -4.34	34.35 2.71 -3.36	36.25 3.12 3.16	43.75 3.70 5.66	50.09 3.61 5.79	48.84 3.27 1.11	49.36 3.22 1.16	41.15 2.51 0.58	34.16 2.04 0.29	30.80 1.55 0.00
ASTORIA_GT2_2 24095	25.74 1.99 -0.86	21.58 1.57 -1.75	20.21 1.31 -2.07	19.28 1.27 -0.86	20.08 1.25 -2.41	22.29 1.63 0.00	31.76 2.08 0.00	33.36 2.93 2.46	30.94 2.78 2.07	31.25 2.42 -0.73	29.80 2.62 2.99	30.08 2.65 4.11	31.30 2.71 2.14	33.02 2.80 -1.02	32.92 2.60 -4.34	34.35 2.71 -3.36	36.25 3.12 3.16	43.75 3.70 5.66	50.09 3.61 5.79	48.84 3.27 1.11	49.36 3.22 1.16	41.15 2.51 0.58	34.16 2.04 0.29	30.80 1.55 0.00
ASTORIA_GT2_3 24096	25.74 1.99 -0.86	21.58 1.57 -1.75	20.21 1.31 -2.07	19.28 1.27 -0.86	20.08 1.25 -2.41	22.29 1.63 0.00	31.76 2.08 0.00	33.36 2.93 2.46	30.94 2.78 2.07	31.25 2.42 -0.73	29.80 2.62 2.99	30.08 2.65 4.11	31.30 2.71 2.14	33.02 2.80 -1.02	32.92 2.60 -4.34	34.35 2.71 -3.36	36.25 3.12 3.16	43.75 3.70 5.66	50.09 3.61 5.79	48.84 3.27 1.11	49.36 3.22 1.16	41.15 2.51 0.58	34.16 2.04 0.29	30.80 1.55 0.00
ASTORIA_GT2_4 24097	25.74 1.99 -0.86	21.58 1.57 -1.75	20.21 1.31 -2.07	19.28 1.27 -0.86	20.08 1.25 -2.41	22.29 1.63 0.00	31.76 2.08 0.00	33.36 2.93 2.46	30.94 2.78 2.07	31.25 2.42 -0.73	29.80 2.62 2.99	30.08 2.65 4.11	31.30 2.71 2.14	33.02 2.80 -1.02	32.92 2.60 -4.34	34.35 2.71 -3.36	36.25 3.12 3.16	43.75 3.70 5.66	50.09 3.61 5.79	48.84 3.27 1.11	49.36 3.22 1.16	41.15 2.51 0.58	34.16 2.04 0.29	30.80 1.55 0.00
ASTORIA_GT3_1 24098	25.74 1.99 -0.86	21.58 1.57 -1.75	20.21 1.31 -2.07	19.28 1.27 -0.86	20.08 1.25 -2.41	22.29 1.63 0.00	31.76 2.08 0.00	33.36 2.93 2.46	30.94 2.78 2.07	31.25 2.42 -0.73	29.80 2.62 2.99	30.08 2.65 4.11	31.30 2.71 2.14	33.02 2.80 -1.02	32.92 2.60 -4.34	34.35 2.71 -3.36	36.25 3.12 3.16	43.75 3.70 5.66	50.09 3.61 5.79	48.84 3.27 1.11	49.36 3.22 1.16	41.15 2.51 0.58	34.16 2.04 0.29	30.80 1.55 0.00
ASTORIA_GT3_2 24099	25.74 1.99 -0.86	21.58 1.57 -1.75	20.21 1.31 -2.07	19.28 1.27 -0.86	20.08 1.25 -2.41	22.29 1.63 0.00	31.76 2.08 0.00	33.36 2.93 2.46	30.94 2.78 2.07	31.25 2.42 -0.73	29.80 2.62 2.99	30.08 2.65 4.11	31.30 2.71 2.14	33.02 2.80 -1.02	32.92 2.60 -4.34	34.35 2.71 -3.36	36.25 3.12 3.16	43.75 3.70 5.66	50.09 3.61 5.79	48.84 3.27 1.11	49.36 3.22 1.16	41.15 2.51 0.58	34.16 2.04 0.29	30.80 1.55 0.00
ASTORIA_GT3_3 24100	25.74 1.99 -0.86	21.58 1.57 -1.75	20.21 1.31 -2.07	19.28 1.27 -0.86	20.08 1.25 -2.41	22.29 1.63 0.00	31.76 2.08 0.00	33.36 2.93 2.46	30.94 2.78 2.07	31.25 2.42 -0.73	29.80 2.62 2.99	30.08 2.65 4.11	31.30 2.71 2.14	33.02 2.80 -1.02	32.92 2.60 -4.34	34.35 2.71 -3.36	36.25 3.12 3.16	43.75 3.70 5.66	50.09 3.61 5.79	48.84 3.27 1.11	49.36 3.22 1.16	41.15 2.51 0.58	34.16 2.04 0.29	30.80 1.55 0.00
ASTORIA_GT3_4 24101	25.74 1.99 -0.86	21.58 1.57 -1.75	20.21 1.31 -2.07	19.28 1.27 -0.86	20.08 1.25 -2.41	22.29 1.63 0.00	31.76 2.08 0.00	33.36 2.93 2.46	30.94 2.78 2.07	31.25 2.42 -0.73	29.80 2.62 2.99	30.08 2.65 4.11	31.30 2.71 2.14	33.02 2.80 -1.02	32.92 2.60 -4.34	34.35 2.71 -3.36	36.25 3.12 3.16	43.75 3.70 5.66	50.09 3.61 5.79	48.84 3.27 1.11	49.36 3.22 1.16	41.15 2.51 0.58	34.16 2.04 0.29	30.80 1.55 0.00
ASTORIA_GT4_1 24102	25.74 1.99 -0.86	21.58 1.57 -1.75	20.21 1.31 -2.07	19.28 1.27 -0.86	20.08 1.25 -2.41	22.29 1.63 0.00	31.76 2.08 0.00	33.36 2.93 2.46	30.94 2.78 2.07	31.25 2.42 -0.73	29.80 2.62 2.99	30.08 2.65 4.11	31.30 2.71 2.14	33.02 2.80 -1.02	32.92 2.60 -4.34	34.35 2.71 -3.36	36.25 3.12 3.16	43.75 3.70 5.66	50.09 3.61 5.79	48.84 3.27 1.11	49.36 3.22 1.16	41.15 2.51 0.58	34.16 2.04 0.29	30.80 1.55 0.00
ASTORIA_GT4_2 24103	25.74 1.99 -0.86	21.58 1.57 -1.75	20.21 1.31 -2.07	19.28 1.27 -0.86	20.08 1.25 -2.41	22.29 1.63 0.00	31.76 2.08 0.00	33.36 2.93 2.46	30.94 2.78 2.07	31.25 2.42 -0.73	29.80 2.62 2.99	30.08 2.65 4.11	31.30 2.71 2.14	33.02 2.80 -1.02	32.92 2.60 -4.34	34.35 2.71 -3.36	36.25 3.12 3.16	43.75 3.70 5.66	50.09 3.61 5.79	48.84 3.27 1.11	49.36 3.22 1.16	41.15 2.51 0.58	34.16 2.04 0.29	30.80 1.55 0.00
ASTORIA_GT4_3 24104	25.74 1.99 -0.86	21.58 1.57 -1.75	20.21 1.31 -2.07	19.28 1.27 -0.86	20.08 1.25 -2.41	22.29 1.63 0.00	31.76 2.08 0.00	33.36 2.93 2.46	30.94 2.78 2.07	31.25 2.42 -0.73	29.80 2.62 2.99	30.08 2.65 4.11	31.30 2.71 2.14	33.02 2.80 -1.02	32.92 2.60 -4.34	34.35 2.71 -3.36	36.25 3.12 3.16	43.75 3.70 5.66	50.09 3.61 5.79	48.84 3.27 1.11	49.36 3.22 1.16	41.15 2.51 0.58	34.16 2.04 0.29	30.80 1.55 0.00

ASTORIA_GT4_4 24105	25.74 1.99 -0.86	21.58 1.57 -1.75	20.21 1.31 -2.07	19.28 1.27 -0.86	20.08 1.25 -2.41	22.29 1.63 0.00	31.76 2.08 0.00	33.36 2.93 2.46	30.94 2.78 2.07	31.25 2.42 -0.73	29.80 2.62 2.99	30.08 2.65 4.11	31.30 2.71 2.14	33.02 2.80 -1.02	32.92 2.60 -4.34	34.35 2.71 -3.36	36.25 3.12 3.16	43.75 3.70 5.66	50.09 3.61 5.79	48.84 3.27 1.11	49.36 3.22 1.16	41.15 2.51 0.58	34.16 2.04 0.29	30.80 1.55 0.00
ASTORIA_GT_1 23523	25.76 2.01 -0.86	21.61 1.61 -1.75	20.23 1.33 -2.07	19.29 1.29 -0.86	20.10 1.26 -2.41	22.31 1.65 0.00	31.79 2.11 0.00	33.43 2.99 2.46	31.00 2.84 2.07	31.30 2.47 -0.73	29.86 2.68 2.99	30.15 2.71 4.11	31.33 2.74 2.14	33.08 2.86 -1.02	32.97 2.65 -4.34	34.40 2.77 -3.36	36.32 3.19 3.16	43.84 3.79 5.66	50.14 3.66 5.79	48.94 3.36 1.11	49.45 3.31 1.16	41.23 2.59 0.58	34.19 2.07 0.29	30.83 1.58 0.00
ASTORIA_GT_10 24110	25.79 2.04 -0.86	21.58 1.57 -1.75	20.23 1.33 -2.07	19.33 1.32 -0.86	20.11 1.28 -2.41	22.29 1.63 0.00	31.91 2.23 0.00	33.50 3.06 2.46	31.03 2.87 2.07	32.00 2.42 -1.48	29.92 2.65 2.90	30.13 2.68 4.09	31.70 2.71 1.74	34.03 2.80 -2.03	34.54 2.60 -5.96	35.80 2.71 -4.81	36.55 3.12 2.86	43.85 3.79 5.64	50.30 3.82 5.79	49.08 3.50 1.11	49.60 3.45 1.16	41.35 2.71 0.58	34.29 2.17 0.29	30.98 1.73 0.00
ASTORIA_GT_11 24225	25.79 2.04 -0.86	21.58 1.57 -1.75	20.23 1.33 -2.07	19.33 1.32 -0.86	20.11 1.28 -2.41	22.29 1.63 0.00	31.91 2.23 0.00	33.50 3.06 2.46	31.03 2.87 2.07	32.00 2.42 -1.48	29.92 2.65 2.90	30.13 2.68 4.09	31.70 2.71 1.74	34.03 2.80 -2.03	34.54 2.60 -5.96	35.80 2.71 -4.81	36.55 3.12 2.86	43.85 3.79 5.64	50.30 3.82 5.79	49.08 3.50 1.11	49.60 3.45 1.16	41.35 2.71 0.58	34.29 2.17 0.29	30.98 1.73 0.00
ASTORIA_GT_12 24226	25.79 2.04 -0.86	21.58 1.57 -1.75	20.23 1.33 -2.07	19.33 1.32 -0.86	20.11 1.28 -2.41	22.29 1.63 0.00	31.91 2.23 0.00	33.50 3.06 2.46	31.03 2.87 2.07	32.00 2.42 -1.48	29.92 2.65 2.90	30.13 2.68 4.09	31.70 2.71 1.74	34.03 2.80 -2.03	34.54 2.60 -5.96	35.80 2.71 -4.81	36.55 3.12 2.86	43.85 3.79 5.64	50.30 3.82 5.79	49.08 3.50 1.11	49.60 3.45 1.16	41.35 2.71 0.58	34.29 2.17 0.29	30.98 1.73 0.00
ASTORIA_GT_13 24227	25.79 2.04 -0.86	21.58 1.57 -1.75	20.23 1.33 -2.07	19.33 1.32 -0.86	20.11 1.28 -2.41	22.29 1.63 0.00	31.91 2.23 0.00	33.50 3.06 2.46	31.03 2.87 2.07	32.00 2.42 -1.48	29.92 2.65 2.90	30.13 2.68 4.09	31.70 2.71 1.74	34.03 2.80 -2.03	34.54 2.60 -5.96	35.80 2.71 -4.81	36.55 3.12 2.86	43.85 3.79 5.64	50.30 3.82 5.79	49.08 3.50 1.11	49.60 3.45 1.16	41.35 2.71 0.58	34.29 2.17 0.29	30.98 1.73 0.00
ASTORIA_GT_5 24106	25.76 2.01 -0.86	21.61 1.61 -1.75	20.23 1.33 -2.07	19.29 1.29 -0.86	20.10 1.26 -2.41	22.31 1.65 0.00	31.79 2.11 0.00	33.43 2.99 2.46	31.00 2.84 2.07	31.30 2.47 -0.73	29.86 2.68 2.99	30.15 2.71 4.11	31.33 2.74 2.14	33.08 2.86 -1.02	32.97 2.65 -4.34	34.40 2.77 -3.36	36.32 3.19 3.16	43.84 3.79 5.66	50.14 3.66 5.79	48.94 3.36 1.11	49.45 3.31 1.16	41.23 2.59 0.58	34.19 2.07 0.29	30.83 1.58 0.00
ASTORIA_GT_7 24107	25.76 2.01 -0.86	21.61 1.61 -1.75	20.23 1.33 -2.07	19.29 1.29 -0.86	20.10 1.26 -2.41	22.31 1.65 0.00	31.79 2.11 0.00	33.43 2.99 2.46	31.00 2.84 2.07	31.30 2.47 -0.73	29.86 2.68 2.99	30.15 2.71 4.11	31.33 2.74 2.14	33.08 2.86 -1.02	32.97 2.65 -4.34	34.40 2.77 -3.36	36.32 3.19 3.16	43.84 3.79 5.66	50.14 3.66 5.79	48.94 3.36 1.11	49.45 3.31 1.16	41.23 2.59 0.58	34.19 2.07 0.29	30.83 1.58 0.00
ASTORIA_GT_8 24108	25.76 2.01 -0.86	21.61 1.61 -1.75	20.23 1.33 -2.07	19.29 1.29 -0.86	20.10 1.26 -2.41	22.31 1.65 0.00	31.79 2.11 0.00	33.43 2.99 2.46	31.00 2.84 2.07	31.30 2.47 -0.73	29.86 2.68 2.99	30.15 2.71 4.11	31.33 2.74 2.14	33.08 2.86 -1.02	32.97 2.65 -4.34	34.40 2.77 -3.36	36.32 3.19 3.16	43.84 3.79 5.66	50.14 3.66 5.79	48.94 3.36 1.11	49.45 3.31 1.16	41.23 2.59 0.58	34.19 2.07 0.29	30.83 1.58 0.00
ASTORIA___2 24149	25.74 1.99 -0.86	21.58 1.57 -1.75	20.21 1.31 -2.07	19.28 1.27 -0.86	20.08 1.25 -2.41	22.27 1.61 0.00	31.75 2.08 0.01	33.36 2.93 2.46	30.93 2.78 2.08	31.25 2.42 -0.73	29.83 2.65 2.99	30.11 2.68 4.11	31.30 2.71 2.14	33.02 2.80 -1.02	32.92 2.60 -4.34	34.35 2.71 -3.36	36.25 3.12 3.16	43.75 3.70 5.66	50.08 3.60 5.80	48.84 3.27 1.12	49.35 3.22 1.17	41.11 2.47 0.59	34.16 2.04 0.29	30.79 1.55 0.01
ASTORIA___3 23516	25.79 2.04 -0.86	21.58 1.57 -1.75	20.23 1.33 -2.07	19.33 1.32 -0.86	20.11 1.28 -2.41	22.29 1.63 0.00	31.91 2.23 0.00	33.50 3.06 2.46	31.04 2.87 2.07	32.00 2.42 -1.48	29.92 2.65 2.90	30.13 2.68 4.09	31.70 2.71 1.74	34.03 2.80 -2.03	34.54 2.60 -5.96	35.80 2.71 -4.81	36.55 3.12 2.86	43.85 3.79 5.64	50.29 3.81 5.79	49.08 3.50 1.11	49.59 3.45 1.16	41.31 2.67 0.58	34.29 2.17 0.29	30.98 1.73 0.00
ASTORIA___4 23517	25.79 2.04 -0.86	21.58 1.57 -1.75	20.23 1.33 -2.07	19.33 1.32 -0.86	20.11 1.28 -2.41	22.29 1.63 0.00	31.91 2.23 0.00	33.50 3.06 2.46	31.03 2.87 2.07	32.00 2.42 -1.48	29.92 2.65 2.90	30.13 2.68 4.09	31.70 2.71 1.74	34.03 2.80 -2.03	34.54 2.60 -5.96	35.80 2.71 -4.81	36.55 3.12 2.86	43.85 3.79 5.64	50.30 3.82 5.79	49.08 3.50 1.11	49.60 3.45 1.16	41.35 2.71 0.58	34.29 2.17 0.29	30.98 1.73 0.00
ASTORIA___5 23518	25.79 2.04 -0.86	21.58 1.57 -1.75	20.23 1.33 -2.07	19.33 1.32 -0.86	20.11 1.28 -2.41	22.29 1.63 0.00	31.91 2.23 0.00	33.50 3.06 2.46	31.04 2.87 2.07	32.00 2.42 -1.48	29.92 2.65 2.90	30.13 2.68 4.09	31.70 2.71 1.74	34.03 2.80 -2.03	34.54 2.60 -5.96	35.80 2.71 -4.81	36.55 3.12 2.86	43.85 3.79 5.64	50.29 3.81 5.79	49.08 3.50 1.11	49.59 3.45 1.16	41.31 2.67 0.58	34.29 2.17 0.29	30.98 1.73 0.00
AST_ENERGY_2_CC3 323677	25.74 1.99 -0.86	21.54 1.53 -1.75	20.21 1.31 -2.07	19.31 1.30 -0.86	20.11 1.28 -2.41	22.27 1.61 0.00	29.66 2.23 2.25	29.66 3.02 6.26	29.66 2.81 3.39	29.66 2.39 0.83	29.76 2.59 3.00	30.04 2.62 4.11	31.20 2.61 2.15	31.75 2.78 0.22	31.75 2.57 -3.19	31.75 2.66 -0.82	31.75 3.08 7.62	32.00 3.66 17.36	32.15 3.77 23.89	32.00 3.41 18.10	32.00 3.41 18.71	31.75 2.70 10.17	31.75 2.20 2.86	30.98 1.73 0.00
AST_ENERGY_2_CC4 323678	25.74 1.99 -0.86	21.54 1.53 -1.75	20.21 1.31 -2.07	19.31 1.30 -0.86	20.11 1.28 -2.41	22.27 1.61 0.00	29.66 2.23 2.25	29.66 3.02 6.26	29.66 2.81 3.39	29.66 2.39 0.83	29.76 2.59 3.00	30.04 2.62 4.11	31.20 2.61 2.15	31.75 2.78 0.22	31.75 2.57 -3.19	31.75 2.66 -0.82	31.75 3.08 7.62	32.00 3.66 17.36	32.15 3.77 23.89	32.00 3.41 18.10	32.00 3.41 18.71	31.75 2.70 10.17	31.75 2.20 2.86	30.98 1.73 0.00

ATHENS_STG_1 23668	24.74 0.87 -0.98	20.92 0.68 -1.98	19.80 0.62 -2.35	18.74 0.62 -0.97	19.77 0.61 -2.73	21.40 0.74 0.00	30.69 1.01 0.00	32.05 1.32 2.16	29.59 1.18 1.83	26.72 0.96 2.33	28.20 0.99 2.96	28.90 0.98 3.62	28.30 1.01 3.45	27.26 1.17 3.11	24.44 1.12 2.65	26.58 1.13 2.83	33.42 1.09 3.96	41.95 1.23 4.98	48.43 1.25 5.10	46.97 1.26 0.98	47.46 1.18 1.02	39.69 0.98 0.51	32.99 0.84 0.26	30.04 0.79 0.00
ATHENS_STG_2 23670	24.74 0.87 -0.98	20.92 0.68 -1.98	19.80 0.62 -2.35	18.74 0.62 -0.97	19.77 0.61 -2.73	21.40 0.74 0.00	30.69 1.01 0.00	32.05 1.32 2.16	29.59 1.18 1.83	26.72 0.96 2.33	28.20 0.99 2.96	28.90 0.98 3.62	28.30 1.01 3.45	27.26 1.17 3.11	24.44 1.12 2.65	26.58 1.13 2.83	33.42 1.09 3.96	41.95 1.23 4.98	48.43 1.25 5.10	46.97 1.26 0.98	47.46 1.18 1.02	39.69 0.98 0.51	32.99 0.84 0.26	30.04 0.79 0.00
ATHENS_STG_3 23677	24.74 0.87 -0.98	20.92 0.68 -1.98	19.80 0.62 -2.35	18.74 0.62 -0.97	19.77 0.61 -2.73	21.40 0.74 0.00	30.69 1.01 0.00	32.05 1.32 2.16	29.59 1.18 1.83	26.72 0.96 2.33	28.20 0.99 2.96	28.90 0.98 3.62	28.30 1.01 3.45	27.26 1.17 3.11	24.44 1.12 2.65	26.58 1.13 2.83	33.42 1.09 3.96	41.95 1.23 4.98	48.43 1.25 5.10	46.97 1.26 0.98	47.46 1.18 1.02	39.69 0.98 0.51	32.99 0.84 0.26	30.04 0.79 0.00
AUBURN___LFGE 323710	22.70 -0.32 -0.13	18.21 -0.31 -0.26	16.83 -0.30 -0.30	16.99 -0.29 -0.13	16.51 -0.26 -0.35	20.48 -0.19 0.00	29.41 -0.27 0.00	8.72 -0.16 24.01	9.81 -0.18 20.25	1.99 -0.22 25.88	-2.90 -0.27 32.79	-8.94 -0.32 40.16	-7.88 -0.31 38.31	-5.52 -0.26 34.45	-3.64 -0.18 29.44	-3.23 -0.17 31.34	-7.94 -0.33 43.90	-9.94 -0.37 55.28	-4.67 -0.42 56.52	34.98 -0.84 10.87	35.15 -0.85 11.30	32.84 -0.75 5.63	28.90 -0.65 2.86	28.64 -0.61 0.00
BABYLON_RES_REC 323704	26.16 2.40 -0.87	21.88 1.86 -1.76	20.56 1.65 -2.08	19.60 1.60 -0.86	20.44 1.61 -2.41	22.74 2.07 -0.01	32.57 2.88 -0.01	34.10 3.65 2.44	31.53 3.36 2.06	28.57 2.90 2.43	29.92 3.11 3.34	30.42 3.00 4.12	30.13 3.20 3.81	29.23 3.24 3.20	26.50 3.01 2.50	36.04 3.08 -4.68	45.78 3.52 -5.98	47.38 4.16 2.49	53.74 4.44 2.97	57.57 4.02 -6.86	59.45 4.07 -8.08	48.15 3.29 -5.64	44.68 2.79 -9.49	31.95 2.31 -0.39
BALL_HILL_WT_PWR 323825	21.91 -1.14 -0.16	17.61 -0.99 -0.33	16.31 -0.91 -0.39	16.41 -0.91 -0.16	16.08 -0.80 -0.46	20.06 -0.60 0.00	28.46 -1.22 0.00	20.01 0.20 13.08	19.68 0.48 11.03	14.65 0.65 14.10	13.14 0.84 17.86	10.68 1.01 21.87	10.65 0.77 20.86	11.14 0.70 18.76	10.62 0.67 16.04	11.83 0.62 17.07	13.11 0.73 23.90	16.20 0.59 30.10	21.64 0.10 30.74	38.71 -2.38 5.60	38.76 -2.74 5.80	34.21 -2.12 2.90	29.55 -1.30 1.56	27.82 -1.43 0.00
BARON_WINDS___WT_PWR 323822	22.30 -0.80 -0.21	18.02 -0.68 -0.44	16.72 -0.62 -0.52	16.75 -0.62 -0.21	16.48 -0.54 -0.60	20.33 -0.33 0.00	29.03 -0.65 0.00	18.63 0.30 14.56	18.33 0.33 12.24	12.77 0.31 15.64	10.65 0.30 19.81	7.50 0.22 24.26	7.65 0.06 23.15	8.47 0.09 20.81	8.33 0.13 17.79	9.42 0.09 18.94	9.77 0.00 26.52	12.22 -0.09 33.39	17.98 -0.16 34.13	38.74 -1.50 6.45	39.04 -1.56 6.70	34.70 -1.18 3.34	29.97 -0.71 1.73	28.34 -0.91 0.00
BARRETT_IC_1 23704	25.92 2.15 -0.88	21.73 1.72 -1.75	20.41 1.50 -2.08	19.48 1.48 -0.86	20.31 1.48 -2.41	22.55 1.88 -0.01	32.27 2.58 -0.01	33.84 3.39 2.45	31.32 3.14 2.06	28.27 2.64 2.47	29.77 2.96 3.35	30.26 2.84 4.12	29.83 2.92 3.83	28.82 2.89 3.27	26.06 2.68 2.60	34.86 2.69 -3.90	44.26 2.98 -5.00	46.30 3.38 2.78	52.31 3.66 3.62	55.99 3.18 -6.12	57.64 3.12 -7.22	46.90 2.63 -5.06	43.29 2.30 -8.58	31.51 1.90 -0.35
BARRETT_IC_10 23701	25.92 2.15 -0.88	21.73 1.72 -1.75	20.41 1.50 -2.08	19.48 1.48 -0.86	20.31 1.48 -2.41	22.55 1.88 -0.01	32.27 2.58 -0.01	33.84 3.39 2.45	31.32 3.14 2.06	28.27 2.64 2.47	29.77 2.96 3.35	30.26 2.84 4.12	29.83 2.92 3.83	28.82 2.89 3.27	26.06 2.68 2.60	34.86 2.69 -3.90	44.26 2.98 -5.00	46.30 3.38 2.78	52.31 3.66 3.62	55.99 3.18 -6.12	57.64 3.12 -7.22	46.90 2.63 -5.06	43.29 2.30 -8.58	31.51 1.90 -0.35
BARRETT_IC_11 23702	25.92 2.15 -0.88	21.73 1.72 -1.75	20.41 1.50 -2.08	19.48 1.48 -0.86	20.31 1.48 -2.41	22.55 1.88 -0.01	32.27 2.58 -0.01	33.84 3.39 2.45	31.32 3.14 2.06	28.27 2.64 2.47	29.77 2.96 3.35	30.26 2.84 4.12	29.83 2.92 3.83	28.82 2.89 3.27	26.06 2.68 2.60	34.86 2.69 -3.90	44.26 2.98 -5.00	46.30 3.38 2.78	52.31 3.66 3.62	55.99 3.18 -6.12	57.64 3.12 -7.22	46.90 2.63 -5.06	43.29 2.30 -8.58	31.51 1.90 -0.35
BARRETT_IC_12 23703	25.92 2.15 -0.88	21.73 1.72 -1.75	20.41 1.50 -2.08	19.48 1.48 -0.86	20.31 1.48 -2.41	22.55 1.88 -0.01	32.27 2.58 -0.01	33.84 3.39 2.45	31.32 3.14 2.06	28.27 2.64 2.47	29.77 2.96 3.35	30.26 2.84 4.12	29.83 2.92 3.83	28.82 2.89 3.27	26.06 2.68 2.60	34.86 2.69 -3.90	44.26 2.98 -5.00	46.30 3.38 2.78	52.31 3.66 3.62	55.99 3.18 -6.12	57.64 3.12 -7.22	46.90 2.63 -5.06	43.29 2.30 -8.58	31.51 1.90 -0.35
BARRETT_IC_2 23705	25.92 2.15 -0.88	21.73 1.72 -1.75	20.41 1.50 -2.08	19.48 1.48 -0.86	20.31 1.48 -2.41	22.55 1.88 -0.01	32.27 2.58 -0.01	33.84 3.39 2.45	31.32 3.14 2.06	28.27 2.64 2.47	29.77 2.96 3.35	30.26 2.84 4.12	29.83 2.92 3.83	28.82 2.89 3.27	26.06 2.68 2.60	34.86 2.69 -3.90	44.26 2.98 -5.00	46.30 3.38 2.78	52.31 3.66 3.62	55.99 3.18 -6.12	57.64 3.12 -7.22	46.90 2.63 -5.06	43.29 2.30 -8.58	31.51 1.90 -0.35
BARRETT_IC_3 23706	25.92 2.15 -0.88	21.73 1.72 -1.75	20.41 1.50 -2.08	19.48 1.48 -0.86	20.31 1.48 -2.41	22.55 1.88 -0.01	32.27 2.58 -0.01	33.84 3.39 2.45	31.32 3.14 2.06	28.27 2.64 2.47	29.77 2.96 3.35	30.26 2.84 4.12	29.83 2.92 3.83	28.82 2.89 3.27	26.06 2.68 2.60	34.86 2.69 -3.90	44.26 2.98 -5.00	46.30 3.38 2.78	52.31 3.66 3.62	55.99 3.18 -6.12	57.64 3.12 -7.22	46.90 2.63 -5.06	43.29 2.30 -8.58	31.51 1.90 -0.35
BARRETT_IC_4 23707	25.92 2.15 -0.88	21.73 1.72 -1.75	20.41 1.50 -2.08	19.48 1.48 -0.86	20.31 1.48 -2.41	22.55 1.88 -0.01	32.27 2.58 -0.01	33.84 3.39 2.45	31.32 3.14 2.06	28.27 2.64 2.47	29.77 2.96 3.35	30.26 2.84 4.12	29.83 2.92 3.83	28.82 2.89 3.27	26.06 2.68 2.60	34.86 2.69 -3.90	44.26 2.98 -5.00	46.30 3.38 2.78	52.31 3.66 3.62	55.99 3.18 -6.12	57.64 3.12 -7.22	46.90 2.63 -5.06	43.29 2.30 -8.58	31.51 1.90 -0.35
BARRETT_IC_5 23708	25.92 2.15 -0.88	21.73 1.72 -1.75	20.41 1.50 -2.08	19.48 1.48 -0.86	20.31 1.48 -2.41	22.55 1.88 -0.01	32.27 2.58 -0.01	33.84 3.39 2.45	31.32 3.14 2.06	28.27 2.64 2.47	29.77 2.96 3.35	30.26 2.84 4.12	29.83 2.92 3.83	28.82 2.89 3.27	26.06 2.68 2.60	34.86 2.69 -3.90	44.26 2.98 -5.00	46.30 3.38 2.78	52.31 3.66 3.62	55.99 3.18 -6.12	57.64 3.12 -7.22	46.90 2.63 -5.06	43.29 2.30 -8.58	31.51 1.90 -0.35

BARRETT_IC_6 23709	25.92 2.15 -0.88	21.73 1.72 -1.75	20.41 1.50 -2.08	19.48 1.48 -0.86	20.31 1.48 -2.41	22.55 1.88 -0.01	32.27 2.58 -0.01	33.84 3.39 2.45	31.32 3.14 2.06	28.27 2.64 2.47	29.77 2.96 3.35	30.26 2.84 4.12	29.83 2.92 3.83	28.82 2.89 3.27	26.06 2.68 2.60	34.86 2.69 -3.90	44.26 2.98 -5.00	46.30 3.38 2.78	52.31 3.66 3.62	55.99 3.18 -6.12	57.64 3.12 -7.22	46.90 2.63 -5.06	43.29 2.30 -8.58	31.51 1.90 -0.35
BARRETT_IC_7 23710	25.91 2.15 -0.87	21.73 1.72 -1.75	20.41 1.50 -2.08	19.48 1.48 -0.86	20.31 1.48 -2.41	22.55 1.88 -0.01	32.27 2.58 -0.01	33.83 3.39 2.45	31.32 3.14 2.06	28.27 2.64 2.47	29.77 2.96 3.35	30.23 2.81 4.12	29.83 2.92 3.83	28.82 2.89 3.27	26.06 2.68 2.60	34.86 2.69 -3.90	44.26 2.98 -5.00	46.30 3.38 2.78	52.31 3.66 3.62	55.98 3.17 -6.12	57.65 3.12 -7.22	46.90 2.63 -5.06	43.29 2.30 -8.58	31.51 1.90 -0.35
BARRETT_IC_8 23711	25.92 2.15 -0.88	21.73 1.72 -1.75	20.41 1.50 -2.08	19.48 1.48 -0.86	20.31 1.48 -2.41	22.55 1.88 -0.01	32.27 2.58 -0.01	33.84 3.39 2.45	31.32 3.14 2.06	28.27 2.64 2.47	29.77 2.96 3.35	30.26 2.84 4.12	29.83 2.92 3.83	28.82 2.89 3.27	26.06 2.68 2.60	34.86 2.69 -3.90	44.26 2.98 -5.00	46.30 3.38 2.78	52.31 3.66 3.62	55.99 3.18 -6.12	57.64 3.12 -7.22	46.90 2.63 -5.06	43.29 2.30 -8.58	31.51 1.90 -0.35
BARRETT_IC_9 23700	25.92 2.15 -0.88	21.73 1.72 -1.75	20.41 1.50 -2.08	19.48 1.48 -0.86	20.31 1.48 -2.41	22.55 1.88 -0.01	32.27 2.58 -0.01	33.84 3.39 2.45	31.32 3.14 2.06	28.27 2.64 2.47	29.77 2.96 3.35	30.26 2.84 4.12	29.83 2.92 3.83	28.82 2.89 3.27	26.06 2.68 2.60	34.86 2.69 -3.90	44.26 2.98 -5.00	46.30 3.38 2.78	52.31 3.66 3.62	55.99 3.18 -6.12	57.64 3.12 -7.22	46.90 2.63 -5.06	43.29 2.30 -8.58	31.51 1.90 -0.35
BARRETT___1 23545	25.92 2.15 -0.88	21.73 1.72 -1.75	20.41 1.50 -2.08	19.48 1.48 -0.86	20.31 1.48 -2.41	22.55 1.88 -0.01	32.27 2.58 -0.01	33.84 3.39 2.45	31.32 3.14 2.06	28.27 2.64 2.47	29.77 2.96 3.35	30.26 2.84 4.12	29.83 2.92 3.83	28.82 2.89 3.27	26.06 2.68 2.60	34.86 2.69 -3.90	44.26 2.98 -5.00	46.30 3.38 2.78	52.31 3.66 3.62	55.99 3.18 -6.12	57.64 3.12 -7.22	46.90 2.63 -5.06	43.29 2.30 -8.58	31.51 1.90 -0.35
BARRETT___2 23546	25.92 2.15 -0.88	21.73 1.72 -1.75	20.41 1.50 -2.08	19.48 1.48 -0.86	20.31 1.48 -2.41	22.55 1.88 -0.01	32.27 2.58 -0.01	33.84 3.39 2.45	31.32 3.14 2.06	28.27 2.64 2.47	29.77 2.96 3.35	30.26 2.84 4.12	29.83 2.92 3.83	28.82 2.89 3.27	26.06 2.68 2.60	34.86 2.69 -3.90	44.26 2.98 -5.00	46.30 3.38 2.78	52.31 3.66 3.62	55.99 3.18 -6.12	57.64 3.12 -7.22	46.90 2.63 -5.06	43.29 2.30 -8.58	31.51 1.90 -0.35
BATAVIA___115KV_TB1 55881	22.22 -0.80 -0.14	17.80 -0.73 -0.27	16.43 -0.72 -0.32	16.64 -0.65 -0.13	16.21 -0.59 -0.38	20.17 -0.50 0.00	28.85 -0.83 0.00	20.22 0.16 12.84	19.78 0.36 10.82	14.77 0.51 13.83	13.13 0.54 17.57	10.71 0.69 21.52	10.67 0.46 20.53	11.11 0.38 18.46	10.69 0.44 15.73	11.87 0.40 16.80	13.30 0.47 23.46	16.48 0.32 29.54	22.16 0.10 30.21	38.34 -2.47 5.87	38.39 -2.84 6.07	33.99 -2.20 3.03	29.55 -1.33 1.53	28.02 -1.23 0.00
BAYONEEC___CTG1 323682	25.74 1.99 -0.86	21.52 1.51 -1.75	20.21 1.31 -2.07	19.31 1.30 -0.86	20.11 1.28 -2.41	22.29 1.63 0.00	31.97 2.29 0.00	33.56 3.13 2.46	31.04 2.87 2.07	31.28 2.44 -0.74	29.83 2.65 2.98	30.12 2.68 4.10	31.31 2.71 2.14	33.06 2.83 -1.03	32.95 2.62 -4.35	34.35 2.71 -3.37	36.29 3.16 3.15	43.81 3.75 5.65	50.29 3.81 5.79	49.08 3.50 1.11	49.64 3.50 1.16	41.43 2.78 0.58	34.35 2.23 0.29	31.01 1.75 0.00
BAYONEEC___CTG10 323750	25.74 1.99 -0.86	21.52 1.51 -1.75	20.21 1.31 -2.07	19.31 1.30 -0.86	20.11 1.28 -2.41	22.29 1.63 0.00	31.97 2.29 0.00	33.56 3.13 2.46	31.04 2.87 2.07	31.28 2.44 -0.74	29.83 2.65 2.98	30.12 2.68 4.10	31.31 2.71 2.14	33.06 2.83 -1.03	32.95 2.62 -4.35	34.35 2.71 -3.37	36.29 3.16 3.15	43.81 3.75 5.65	50.29 3.81 5.79	49.08 3.50 1.11	49.64 3.50 1.16	41.43 2.78 0.58	34.35 2.23 0.29	31.01 1.75 0.00
BAYONEEC___CTG2 323683	25.74 1.99 -0.86	21.52 1.51 -1.75	20.21 1.31 -2.07	19.31 1.30 -0.86	20.11 1.28 -2.41	22.29 1.63 0.00	31.97 2.29 0.00	33.56 3.13 2.46	31.04 2.87 2.07	31.28 2.44 -0.74	29.83 2.65 2.98	30.12 2.68 4.10	31.31 2.71 2.14	33.06 2.83 -1.03	32.95 2.62 -4.35	34.35 2.71 -3.37	36.29 3.16 3.15	43.81 3.75 5.65	50.29 3.81 5.79	49.08 3.50 1.11	49.64 3.50 1.16	41.43 2.78 0.58	34.35 2.23 0.29	31.01 1.75 0.00
BAYONEEC___CTG3 323684	25.74 1.99 -0.86	21.52 1.51 -1.75	20.21 1.31 -2.07	19.31 1.30 -0.86	20.11 1.28 -2.41	22.29 1.63 0.00	31.97 2.29 0.00	33.56 3.13 2.46	31.04 2.87 2.07	31.28 2.44 -0.74	29.83 2.65 2.98	30.12 2.68 4.10	31.31 2.71 2.14	33.06 2.83 -1.03	32.95 2.62 -4.35	34.35 2.71 -3.37	36.29 3.16 3.15	43.81 3.75 5.65	50.29 3.81 5.79	49.08 3.50 1.11	49.64 3.50 1.16	41.43 2.78 0.58	34.35 2.23 0.29	31.01 1.75 0.00
BAYONEEC___CTG4 323685	25.74 1.99 -0.86	21.52 1.51 -1.75	20.21 1.31 -2.07	19.31 1.30 -0.86	20.11 1.28 -2.41	22.29 1.63 0.00	31.97 2.29 0.00	33.56 3.13 2.46	31.04 2.87 2.07	31.28 2.44 -0.74	29.83 2.65 2.98	30.12 2.68 4.10	31.31 2.71 2.14	33.06 2.83 -1.03	32.95 2.62 -4.35	34.35 2.71 -3.37	36.29 3.16 3.15	43.81 3.75 5.65	50.29 3.81 5.79	49.08 3.50 1.11	49.64 3.50 1.16	41.43 2.78 0.58	34.35 2.23 0.29	31.01 1.75 0.00
BAYONEEC___CTG5 323686	25.74 1.99 -0.86	21.52 1.51 -1.75	20.21 1.31 -2.07	19.31 1.30 -0.86	20.11 1.28 -2.41	22.29 1.63 0.00	31.97 2.29 0.00	33.56 3.13 2.46	31.04 2.87 2.07	31.28 2.44 -0.74	29.83 2.65 2.98	30.12 2.68 4.10	31.31 2.71 2.14	33.06 2.83 -1.03	32.95 2.62 -4.35	34.35 2.71 -3.37	36.29 3.16 3.15	43.81 3.75 5.65	50.29 3.81 5.79	49.08 3.50 1.11	49.64 3.50 1.16	41.43 2.78 0.58	34.35 2.23 0.29	31.01 1.75 0.00
BAYONEEC___CTG6 323687	25.74 1.99 -0.86	21.52 1.51 -1.75	20.21 1.31 -2.07	19.31 1.30 -0.86	20.11 1.28 -2.41	22.29 1.63 0.00	31.97 2.29 0.00	33.56 3.13 2.46	31.04 2.87 2.07	31.28 2.44 -0.74	29.83 2.65 2.98	30.12 2.68 4.10	31.31 2.71 2.14	33.06 2.83 -1.03	32.95 2.62 -4.35	34.35 2.71 -3.37	36.29 3.16 3.15	43.81 3.75 5.65	50.29 3.81 5.79	49.08 3.50 1.11	49.64 3.50 1.16	41.43 2.78 0.58	34.35 2.23 0.29	31.01 1.75 0.00
BAYONEEC___CTG7 323688	25.74 1.99 -0.86	21.52 1.51 -1.75	20.21 1.31 -2.07	19.31 1.30 -0.86	20.11 1.28 -2.41	22.29 1.63 0.00	31.97 2.29 0.00	33.56 3.13 2.46	31.04 2.87 2.07	31.28 2.44 -0.74	29.83 2.65 2.98	30.12 2.68 4.10	31.31 2.71 2.14	33.06 2.83 -1.03	32.95 2.62 -4.35	34.35 2.71 -3.37	36.29 3.16 3.15	43.81 3.75 5.65	50.29 3.81 5.79	49.08 3.50 1.11	49.64 3.50 1.16	41.43 2.78 0.58	34.35 2.23 0.29	31.01 1.75 0.00

BAYONEEC___CTG8 323689	25.74 1.99 -0.86	21.52 1.51 -1.75	20.21 1.31 -2.07	19.31 1.30 -0.86	20.11 1.28 -2.41	22.29 1.63 0.00	31.97 2.29 0.00	33.56 3.13 2.46	31.04 2.87 2.07	31.28 2.44 -0.74	29.83 2.65 2.98	30.12 2.68 4.10	31.31 2.71 2.14	33.06 2.83 -1.03	32.95 2.62 -4.35	34.35 2.71 -3.37	36.29 3.16 3.15	43.81 3.75 5.65	50.29 3.81 5.79	49.08 3.50 1.11	49.64 3.50 1.16	41.43 2.78 0.58	34.35 2.23 0.29	31.01 1.75 0.00
BAYONEEC___CTG9 323749	25.74 1.99 -0.86	21.52 1.51 -1.75	20.21 1.31 -2.07	19.31 1.30 -0.86	20.11 1.28 -2.41	22.29 1.63 0.00	31.97 2.29 0.00	33.56 3.13 2.46	31.04 2.87 2.07	31.28 2.44 -0.74	29.83 2.65 2.98	30.12 2.68 4.10	31.31 2.71 2.14	33.06 2.83 -1.03	32.95 2.62 -4.35	34.35 2.71 -3.37	36.29 3.16 3.15	43.81 3.75 5.65	50.29 3.81 5.79	49.08 3.50 1.11	49.64 3.50 1.16	41.43 2.78 0.58	34.35 2.23 0.29	31.01 1.75 0.00
BEACON___LESR 323632	24.64 0.66 -1.09	21.06 0.58 -2.21	20.01 0.55 -2.62	18.82 0.58 -1.08	20.02 0.54 -3.05	21.43 0.76 0.00	30.72 1.04 0.00	32.34 1.08 1.64	29.70 0.85 1.38	26.93 0.59 1.76	28.47 0.54 2.23	29.31 0.50 2.73	28.72 0.58 2.61	27.61 0.76 2.34	24.76 0.78 2.00	26.93 0.79 2.13	33.92 0.62 2.99	42.58 0.64 3.76	49.26 0.83 3.85	46.93 0.98 0.74	47.43 0.90 0.77	39.58 0.74 0.38	32.77 0.55 0.19	29.75 0.50 0.00
BEAVER RIVER___HYD 24048	22.70 -0.23 -0.04	18.18 -0.16 -0.09	16.80 -0.14 -0.10	16.85 -0.34 -0.04	16.25 -0.30 -0.12	20.33 -0.33 0.00	29.32 -0.35 0.00	17.48 -0.43 14.98	19.49 -0.67 10.09	14.20 -1.01 12.89	12.74 -1.08 16.33	10.40 -1.13 20.01	10.46 -1.20 19.08	6.82 -1.11 21.27	6.62 -0.99 18.38	7.67 -1.05 19.56	13.22 -1.20 21.87	17.03 -1.14 27.53	23.44 -0.68 28.15	40.81 -0.47 5.42	41.44 -0.24 5.63	36.22 -0.20 2.81	30.82 -0.16 1.42	29.25 0.00 0.00
BEEBEE_GT_13 23619	22.32 -0.69 -0.12	17.86 -0.64 -0.24	16.49 -0.62 -0.28	16.70 -0.57 -0.12	16.22 -0.53 -0.33	20.08 -0.58 0.00	28.73 -0.95 0.00	19.49 -0.69 12.72	19.07 -0.45 10.72	14.09 -0.31 13.70	12.50 -0.30 17.36	10.09 -0.19 21.26	10.15 -0.31 20.28	10.67 -0.29 18.24	10.22 -0.18 15.58	11.40 -0.28 16.59	12.61 -0.44 23.24	15.62 -0.82 29.26	21.15 -1.20 29.92	38.26 -2.66 5.77	38.37 -2.93 6.00	33.84 -2.39 2.99	29.18 -1.72 1.51	27.96 -1.29 0.00
BENSHRST_27_KV_BENSHRST_1 355998	25.97 2.22 -0.86	21.70 1.70 -1.75	20.33 1.43 -2.07	19.41 1.41 -0.86	20.20 1.36 -2.41	22.40 1.74 0.00	32.08 2.40 0.00	33.76 3.32 2.46	31.25 3.08 2.07	32.22 2.64 -1.48	30.13 2.87 2.90	30.38 2.93 4.09	31.92 2.92 1.74	34.29 3.07 -2.03	34.75 2.81 -5.96	36.05 2.97 -4.81	36.87 3.45 2.86	44.31 4.25 5.64	50.82 4.34 5.79	49.50 3.92 1.11	50.07 3.93 1.16	41.66 3.02 0.58	34.61 2.50 0.29	31.18 1.93 0.00
BETHLEHEM___GRP 23843	24.37 0.39 -1.09	20.88 0.40 -2.21	19.84 0.39 -2.62	18.63 0.39 -1.08	19.86 0.38 -3.05	21.16 0.50 0.00	30.30 0.62 0.00	31.85 0.59 1.64	29.28 0.42 1.38	26.59 0.25 1.76	28.11 0.18 2.23	28.93 0.13 2.73	28.35 0.22 2.61	27.23 0.38 2.34	24.45 0.47 2.00	26.57 0.42 2.13	33.41 0.11 2.99	41.85 -0.09 3.76	48.37 -0.05 3.85	46.14 0.19 0.74	46.67 0.14 0.77	38.95 0.12 0.38	32.28 0.06 0.19	29.37 0.12 0.00
BETHLEHEM___GS1 323560	24.37 0.39 -1.09	20.87 0.40 -2.21	19.84 0.39 -2.62	18.63 0.39 -1.08	19.86 0.38 -3.05	21.16 0.50 0.00	30.30 0.62 0.00	31.85 0.59 1.64	29.28 0.42 1.38	26.59 0.25 1.76	28.11 0.18 2.23	28.90 0.09 2.73	28.35 0.22 2.61	27.23 0.38 2.34	24.45 0.47 2.00	26.57 0.42 2.13	33.41 0.11 2.99	41.85 -0.09 3.76	48.37 -0.05 3.85	46.14 0.19 0.74	46.67 0.14 0.77	38.95 0.12 0.38	32.28 0.06 0.19	29.37 0.12 0.00
BETHLEHEM___GS2 323561	24.37 0.39 -1.09	20.87 0.40 -2.21	19.84 0.39 -2.62	18.63 0.39 -1.08	19.86 0.38 -3.05	21.16 0.50 0.00	30.30 0.62 0.00	31.85 0.59 1.64	29.28 0.42 1.38	26.59 0.25 1.76	28.11 0.18 2.23	28.90 0.09 2.73	28.35 0.22 2.61	27.23 0.38 2.34	24.45 0.47 2.00	26.57 0.42 2.13	33.41 0.11 2.99	41.85 -0.09 3.76	48.37 -0.05 3.85	46.14 0.19 0.74	46.67 0.14 0.77	38.95 0.12 0.38	32.28 0.06 0.19	29.37 0.12 0.00
BETHLEHEM___GS3 323562	24.37 0.39 -1.09	20.87 0.40 -2.21	19.84 0.39 -2.62	18.63 0.39 -1.08	19.86 0.38 -3.05	21.16 0.50 0.00	30.30 0.62 0.00	31.85 0.59 1.64	29.28 0.42 1.38	26.59 0.25 1.76	28.11 0.18 2.23	28.90 0.09 2.73	28.35 0.22 2.61	27.23 0.38 2.34	24.45 0.47 2.00	26.57 0.42 2.13	33.41 0.11 2.99	41.85 -0.09 3.76	48.37 -0.05 3.85	46.14 0.19 0.74	46.67 0.14 0.77	38.95 0.12 0.38	32.28 0.06 0.19	29.37 0.12 0.00
BETHLEHEM___STEEL 23779	21.74 -1.30 -0.16	17.47 -1.11 -0.32	16.17 -1.04 -0.39	16.28 -1.03 -0.16	15.95 -0.92 -0.45	19.90 -0.76 0.00	28.23 -1.45 0.00	19.74 -0.13 13.02	19.47 0.21 10.98	14.52 0.45 14.04	13.04 0.66 17.79	10.58 0.82 21.78	10.51 0.55 20.78	11.01 0.50 18.69	10.52 0.49 15.96	11.70 0.42 17.00	12.97 0.47 23.79	16.02 0.27 29.96	21.36 -0.31 30.60	38.25 -2.89 5.54	38.16 -3.41 5.74	33.77 -2.59 2.87	29.23 -1.62 1.56	27.61 -1.64 0.00
BETHLHEM_115KV_TB1 79974	24.41 0.43 -1.09	20.89 0.42 -2.21	19.85 0.40 -2.62	18.65 0.41 -1.08	19.87 0.39 -3.05	21.18 0.52 0.00	30.33 0.65 0.00	31.91 0.66 1.64	29.37 0.51 1.38	26.67 0.34 1.77	28.19 0.27 2.24	29.02 0.22 2.74	28.40 0.28 2.62	27.31 0.47 2.35	24.49 0.52 2.01	26.62 0.48 2.14	33.51 0.22 3.00	42.02 0.09 3.77	48.57 0.16 3.86	46.27 0.33 0.74	46.81 0.28 0.77	39.07 0.24 0.38	32.38 0.16 0.20	29.46 0.20 0.00
BETHPAGE_CC_5 323564	26.12 2.36 -0.87	21.84 1.83 -1.76	20.53 1.62 -2.08	19.57 1.56 -0.86	20.41 1.58 -2.41	22.70 2.03 -0.01	32.51 2.82 -0.01	34.07 3.62 2.44	31.53 3.36 2.06	28.63 2.92 2.40	29.96 3.14 3.34	30.45 3.03 4.12	30.17 3.23 3.80	29.30 3.27 3.16	26.54 2.99 2.43	36.53 3.05 -5.20	46.36 3.45 -6.63	47.48 4.07 2.29	53.45 4.29 3.11	57.96 3.92 -7.35	59.83 3.88 -8.65	48.41 3.18 -6.02	45.19 2.69 -10.09	31.92 2.25 -0.41
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	21.72 -1.33 -0.16	17.44 -1.15 -0.33	16.16 -1.06 -0.39	16.25 -1.06 -0.16	15.92 -0.95 -0.45	19.94 -0.72 0.00	28.28 -1.39 0.00	19.93 0.10 13.07	19.64 0.42 11.02	14.63 0.62 14.09	13.15 0.84 17.85	10.69 1.01 21.86	10.62 0.74 20.86	11.11 0.67 18.76	10.61 0.65 16.02	11.80 0.59 17.06	13.10 0.69 23.88	16.18 0.55 30.07	21.55 0.00 30.72	38.57 -2.57 5.55	38.48 -3.07 5.75	34.03 -2.31 2.87	29.45 -1.39 1.56	27.67 -1.58 0.00
BINGHAMTON___COGEN 23790	23.20 0.00 -0.31	18.84 -0.05 -0.63	17.53 -0.05 -0.75	17.41 -0.05 -0.31	17.26 -0.03 -0.87	20.83 0.17 0.00	29.83 0.15 0.00	18.16 0.82 15.56	17.90 0.79 13.12	11.95 0.62 16.77	9.60 0.69 21.25	6.18 0.66 26.02	6.56 0.65 24.82	7.55 0.67 22.32	7.55 0.65 19.08	8.65 0.68 20.31	8.53 0.69 28.45	10.71 0.82 35.82	16.43 0.78 36.62	39.77 0.09 7.02	40.01 0.00 7.30	35.62 0.04 3.64	30.65 0.10 1.85	29.13 -0.12 0.00

BIXINCNT_115KV_LOAD 355685	21.57 -1.49 -0.17	17.37 -1.24 -0.35	16.05 -1.19 -0.41	16.14 -1.18 -0.17	15.89 -1.02 -0.48	20.04 -0.62 0.00	28.40 -1.28 0.00	20.16 0.56 13.29	19.82 0.82 11.23	14.67 0.93 14.36	13.14 1.18 18.19	10.59 1.32 22.28	10.47 0.98 21.25	10.99 0.91 19.11	10.49 0.83 16.33	11.68 0.79 17.39	12.86 0.91 24.34	15.97 0.91 30.65	21.54 0.57 31.31	39.22 -1.77 5.69	39.31 -2.08 5.91	34.74 -1.53 2.95	29.97 -0.84 1.59	27.79 -1.46 0.00
BLACK RIVER___HYD 24047	22.88 -0.07 -0.06	18.31 -0.07 -0.12	16.89 -0.08 -0.14	17.01 -0.21 -0.06	16.43 -0.16 -0.17	20.58 -0.08 0.00	29.68 0.00 0.00	13.13 0.03 19.80	14.96 -0.33 14.95	8.20 -0.79 19.11	5.10 -0.84 24.21	0.97 -0.92 29.65	1.47 -0.98 28.29	0.10 -0.85 28.25	0.90 -0.81 24.28	1.61 -0.82 25.84	2.97 -0.91 32.41	4.16 -0.73 40.81	10.49 -0.05 41.73	38.71 0.05 8.03	39.24 0.29 8.34	35.26 0.20 4.16	30.40 0.10 2.11	29.34 0.09 0.00
BLACKRVR_115KV_TB2 79977	22.88 -0.07 -0.06	18.31 -0.07 -0.12	16.89 -0.08 -0.14	17.01 -0.21 -0.06	16.42 -0.16 -0.17	20.56 -0.10 0.00	29.68 0.00 0.00	13.13 0.03 19.80	14.95 -0.33 14.95	8.20 -0.79 19.11	5.10 -0.84 24.21	0.97 -0.91 29.65	1.47 -0.98 28.29	0.10 -0.85 28.25	0.90 -0.81 24.28	1.61 -0.82 25.84	2.97 -0.91 32.41	4.16 -0.73 40.81	10.49 -0.05 41.73	38.71 0.05 8.03	39.24 0.28 8.34	35.22 0.16 4.16	30.40 0.10 2.11	29.34 0.09 0.00
BLDWN_LI_69_KV_BK4 356085	26.08 2.31 -0.87	21.84 1.83 -1.76	20.51 1.60 -2.08	19.55 1.54 -0.86	20.39 1.56 -2.41	22.68 2.00 -0.01	32.45 2.76 -0.01	34.03 3.59 2.44	31.50 3.33 2.06	28.63 2.87 2.34	29.93 3.11 3.33	30.39 2.96 4.12	30.14 3.17 3.77	29.27 3.15 3.08	26.59 2.91 2.30	37.46 3.00 -6.19	47.54 3.37 -7.88	47.81 4.02 1.92	53.59 4.29 2.96	58.85 3.88 -8.29	60.87 3.83 -9.74	49.14 3.18 -6.75	46.31 2.66 -11.24	31.91 2.19 -0.46
BLISS_WT_PWR 323608	21.50 -1.56 -0.17	17.31 -1.30 -0.35	16.00 -1.25 -0.41	16.11 -1.22 -0.17	15.85 -1.05 -0.48	20.00 -0.66 0.00	28.34 -1.34 0.00	20.09 0.49 13.29	19.76 0.76 11.23	14.59 0.84 14.36	13.08 1.12 18.19	10.49 1.23 22.28	10.38 0.89 21.25	10.87 0.79 19.11	10.38 0.73 16.33	11.59 0.71 17.39	12.71 0.76 24.34	15.84 0.78 30.64	21.38 0.42 31.31	39.13 -1.87 5.69	39.36 -2.03 5.91	34.74 -1.53 2.95	29.94 -0.87 1.59	27.73 -1.52 0.00
BLUESTONE___WT_PWR 323821	23.77 0.55 -0.33	19.35 0.42 -0.67	17.99 0.37 -0.79	17.86 0.38 -0.33	17.76 0.41 -0.92	21.43 0.76 0.00	30.81 1.13 0.00	18.67 2.30 16.52	18.17 1.88 13.94	11.49 1.21 17.82	8.97 1.39 22.57	5.22 1.32 27.65	5.44 1.08 26.37	6.48 0.99 23.71	6.70 0.99 20.27	7.78 1.07 21.57	7.48 1.41 30.22	9.71 2.06 38.05	16.08 2.72 38.90	41.28 2.05 7.46	41.72 2.18 7.75	37.16 1.81 3.87	31.90 1.46 1.97	30.25 1.00 0.00
BLUE_CIRC_CHEM_DRP 24182	24.43 0.48 -1.06	20.85 0.44 -2.15	19.78 0.40 -2.55	18.63 0.43 -1.05	19.80 0.41 -2.96	21.26 0.60 0.00	30.45 0.77 0.00	31.93 0.79 1.75	29.30 0.54 1.48	26.55 0.34 1.89	28.01 0.24 2.39	28.80 0.19 2.93	28.19 0.25 2.79	27.06 0.38 2.51	24.30 0.47 2.15	26.44 0.45 2.29	33.41 0.33 3.20	42.04 0.37 4.03	48.72 0.57 4.12	46.60 0.70 0.79	47.14 0.66 0.82	39.36 0.55 0.41	32.65 0.45 0.21	29.69 0.44 0.00
BOC_GAS_DRP 24189	24.52 0.55 -1.08	20.91 0.46 -2.20	19.87 0.44 -2.60	18.68 0.45 -1.08	19.88 0.43 -3.03	21.20 0.54 0.00	30.39 0.71 0.00	32.08 0.86 1.67	29.56 0.73 1.41	26.84 0.53 1.80	28.40 0.51 2.28	29.23 0.47 2.79	28.63 0.55 2.66	27.48 0.67 2.39	24.64 0.70 2.04	26.78 0.68 2.18	33.75 0.51 3.05	42.42 0.55 3.84	48.92 0.57 3.92	46.59 0.65 0.75	47.13 0.61 0.78	39.34 0.51 0.39	32.63 0.42 0.20	29.66 0.41 0.00
BOONVILLE_115KV_TB1 79983	23.16 0.23 -0.04	18.50 0.16 -0.07	17.07 0.15 -0.09	17.22 0.03 -0.04	16.59 0.07 -0.10	20.83 0.17 0.00	29.98 0.30 0.00	23.87 0.43 9.45	23.14 0.24 7.34	18.60 -0.11 9.39	18.18 -0.09 11.89	16.85 -0.13 14.56	16.66 -0.18 13.89	15.55 -0.15 13.50	14.32 -0.08 11.59	15.86 -0.08 12.33	20.30 -0.07 15.92	25.75 0.09 20.04	32.25 0.47 20.50	43.21 0.47 3.94	43.72 0.52 4.10	37.61 0.43 2.04	31.70 0.32 1.04	29.60 0.35 0.00
BORALEX_4TH_BRANCH 23824	25.11 1.12 -1.10	21.36 0.88 -2.23	20.28 0.81 -2.64	19.07 0.82 -1.09	20.30 0.80 -3.07	21.70 1.03 0.00	31.19 1.51 0.00	33.14 1.84 1.60	30.50 1.60 1.34	27.63 1.24 1.71	29.08 1.09 2.17	29.89 1.01 2.66	29.37 1.17 2.53	28.23 1.31 2.28	25.44 1.40 1.95	27.56 1.36 2.07	34.40 1.02 2.90	43.19 1.14 3.66	50.26 1.72 3.74	47.93 1.96 0.72	48.45 1.89 0.75	40.42 1.57 0.37	33.39 1.17 0.19	30.19 0.94 0.00
BOWLINE___1 23526	25.39 1.67 -0.83	21.21 1.26 -1.69	19.95 1.11 -2.01	19.10 1.11 -0.83	19.84 1.08 -2.34	22.03 1.36 0.00	31.61 1.93 0.00	32.96 2.60 2.53	30.49 2.39 2.14	27.36 2.00 2.73	28.87 2.17 3.46	29.47 2.17 4.24	28.91 2.21 4.05	27.92 2.36 3.64	25.06 2.18 3.11	27.23 2.26 3.31	34.23 2.58 4.64	42.93 3.06 5.84	49.44 3.14 5.97	48.44 2.90 1.15	48.99 2.89 1.19	40.90 2.27 0.59	33.95 1.85 0.30	30.71 1.46 0.00
BOWLINE___2 23595	25.39 1.67 -0.83	21.23 1.28 -1.69	19.95 1.11 -2.01	19.10 1.11 -0.83	19.84 1.08 -2.34	22.03 1.36 0.00	31.61 1.93 0.00	32.96 2.60 2.53	30.49 2.39 2.14	27.36 2.00 2.73	28.87 2.17 3.46	29.47 2.17 4.24	28.91 2.21 4.05	27.92 2.36 3.64	25.08 2.21 3.11	27.23 2.26 3.31	34.23 2.58 4.64	42.98 3.11 5.84	49.49 3.19 5.97	48.44 2.90 1.15	48.99 2.89 1.19	40.94 2.31 0.59	33.99 1.88 0.30	30.71 1.46 0.00
BRADY___115KV_TB2 356060	22.43 -0.46 0.00	17.99 -0.27 0.00	16.63 -0.20 0.00	16.91 -0.24 0.00	16.19 -0.23 0.00	20.08 -0.58 0.00	28.91 -0.77 0.00	18.55 -1.15 13.19	26.34 -1.24 2.66	23.60 -1.10 3.40	24.64 -1.21 4.31	25.09 -1.17 5.28	24.44 -1.26 5.04	9.77 -1.28 18.14	8.62 -1.17 16.19	9.88 -1.19 17.21	29.28 -1.23 5.77	37.16 -1.28 7.27	43.95 -0.89 7.43	44.79 -0.47 1.43	45.67 -0.14 1.49	38.40 -0.08 0.74	32.07 0.03 0.38	29.28 0.03 0.00
BRANSCOMB___SOLAR 323811	24.95 0.94 -1.12	21.26 0.73 -2.27	20.20 0.67 -2.69	18.97 0.70 -1.11	20.23 0.67 -3.14	21.61 0.95 0.00	31.07 1.40 0.00	33.01 1.64 1.52	30.23 1.27 1.28	27.28 0.82 1.64	28.81 0.72 2.07	29.70 0.69 2.54	29.12 0.80 2.42	27.98 0.96 2.18	25.13 1.01 1.86	27.37 1.07 1.98	34.53 1.01 2.77	43.58 1.37 3.49	50.48 1.78 3.57	47.92 1.92 0.69	48.48 1.89 0.71	40.39 1.53 0.36	33.39 1.17 0.18	30.19 0.94 0.00
BRDGHMPT_69_KV_BK1 55812	26.46 2.70 -0.87	22.13 2.12 -1.75	20.73 1.82 -2.08	19.76 1.75 -0.86	20.64 1.81 -2.41	22.94 2.27 -0.01	32.83 3.15 -0.01	34.13 3.68 2.45	31.44 3.27 2.07	28.35 2.73 2.48	29.77 2.96 3.35	30.39 2.96 4.12	30.10 3.20 3.84	29.33 3.42 3.28	26.51 3.14 2.62	35.08 3.08 -3.72	44.73 3.66 -4.77	47.33 4.48 2.85	59.84 5.12 -2.44	57.25 4.53 -6.03	58.83 4.49 -7.04	48.05 3.84 -4.98	43.57 2.79 -8.37	32.11 2.52 -0.35

BRENTWOD_69_KV_W. BRTWOOD 56703	26.35 2.59 -0.87	22.04 2.03 -1.75	20.68 1.77 -2.08	19.72 1.72 -0.86	20.57 1.74 -2.41	22.90 2.23 -0.01	32.78 3.09 -0.01	34.33 3.88 2.45	31.71 3.54 2.06	28.67 3.04 2.47	30.10 3.29 3.35	30.58 3.15 4.12	30.32 3.41 3.83	29.43 3.50 3.27	26.61 3.22 2.60	35.45 3.28 -3.90	45.05 3.77 -4.99	47.35 4.43 2.78	54.53 4.60 2.34	57.02 4.20 -6.13	58.87 4.35 -7.22	47.81 3.53 -5.06	44.00 3.01 -8.57	32.15 2.54 -0.35
BRISTLHL_115KV_TB1 79998	22.34 -0.64 -0.09	17.89 -0.55 -0.18	16.52 -0.52 -0.22	16.71 -0.53 -0.09	16.17 -0.51 -0.25	20.15 -0.52 0.00	28.91 -0.77 0.00	1.79 -0.89 30.22	3.94 -0.82 25.48	-5.07 -0.59 32.58	-11.78 -0.66 41.27	-19.70 -0.69 50.55	-18.13 -0.65 48.22	-14.75 -0.58 43.36	-11.56 -0.49 37.05	-11.71 -0.54 39.45	-19.80 -0.83 55.25	-24.97 -1.10 69.58	-20.18 -1.31 71.14	31.23 -1.77 13.69	31.28 -1.80 14.23	30.64 -1.49 7.09	27.55 -1.26 3.60	28.14 -1.11 0.00
BROOKHAVEN___DRP 24191	26.32 2.56 -0.87	22.04 2.03 -1.75	20.66 1.75 -2.08	19.72 1.72 -0.86	20.57 1.74 -2.41	22.86 2.19 -0.01	32.69 3.00 -0.01	34.03 3.59 2.45	31.41 3.24 2.07	28.32 2.70 2.48	29.83 3.02 3.35	30.39 2.96 4.12	30.10 3.20 3.84	29.24 3.33 3.28	26.46 3.09 2.62	35.02 3.03 -3.72	44.54 3.48 -4.77	47.06 4.20 2.85	59.32 4.65 -2.40	56.92 4.20 -6.03	58.50 4.16 -7.03	47.77 3.57 -4.98	43.56 2.79 -8.37	31.97 2.37 -0.35
BROOKLYN_NAVY_YARD 23515	25.66 1.92 -0.85	21.46 1.46 -1.74	20.15 1.26 -2.06	19.25 1.25 -0.85	20.04 1.22 -2.40	22.21 1.55 0.00	31.88 2.20 0.00	33.50 3.06 2.46	30.94 2.78 2.07	31.20 2.36 -0.74	29.74 2.56 2.98	30.03 2.59 4.10	31.19 2.58 2.14	32.97 2.74 -1.03	32.88 2.55 -4.35	34.27 2.63 -3.37	36.14 3.01 3.15	43.71 3.66 5.65	50.25 3.77 5.79	48.98 3.41 1.11	49.55 3.41 1.16	41.31 2.67 0.58	34.29 2.17 0.29	30.92 1.67 0.00
BROOKLYN___ARMY_DRP 323595	25.90 2.15 -0.86	21.63 1.63 -1.75	20.28 1.38 -2.07	19.36 1.36 -0.86	20.15 1.31 -2.41	22.34 1.67 0.00	31.96 2.29 0.00	33.66 3.22 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	29.98 2.71 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.51 2.86 0.58	34.48 2.37 0.29	31.09 1.84 0.00
BROOME_2_LFGE 323671	23.20 0.00 -0.31	18.84 -0.05 -0.63	17.53 -0.05 -0.75	17.41 -0.05 -0.31	17.26 -0.03 -0.87	20.83 0.16 0.00	29.83 0.15 0.00	18.16 0.82 15.56	17.90 0.78 13.12	11.95 0.62 16.77	9.61 0.69 21.25	6.18 0.66 26.02	6.56 0.65 24.82	7.55 0.67 22.32	7.56 0.65 19.08	8.65 0.68 20.31	8.53 0.69 28.45	10.71 0.82 35.82	16.43 0.79 36.62	39.77 0.09 7.02	40.05 0.05 7.30	35.66 0.08 3.64	30.65 0.10 1.85	29.14 -0.12 0.00
BROOME___LFGE 323600	23.20 0.00 -0.31	18.84 -0.05 -0.63	17.53 -0.05 -0.75	17.41 -0.05 -0.31	17.26 -0.03 -0.87	20.83 0.16 0.00	29.83 0.15 0.00	18.16 0.82 15.56	17.90 0.78 13.12	11.95 0.62 16.77	9.61 0.69 21.25	6.18 0.66 26.02	6.56 0.65 24.82	7.55 0.67 22.32	7.56 0.65 19.08	8.65 0.68 20.31	8.53 0.69 28.45	10.71 0.82 35.82	16.43 0.79 36.62	39.77 0.09 7.02	40.05 0.05 7.30	35.66 0.08 3.64	30.65 0.10 1.85	29.14 -0.12 0.00
BROWNFLS_115KV_TB 3_5 80003	22.26 -0.66 -0.03	17.86 -0.46 -0.06	16.51 -0.39 -0.07	16.67 -0.51 -0.03	16.03 -0.48 -0.08	19.98 -0.68 0.00	28.73 -0.95 0.00	17.43 -1.18 14.28	21.75 -1.33 7.16	17.52 -1.43 9.15	17.03 -1.54 11.59	15.80 -1.55 14.19	15.60 -1.60 13.54	7.64 -1.52 20.03	7.09 -1.38 17.52	8.20 -1.44 18.63	19.14 -1.63 15.51	24.39 -1.78 19.53	30.83 -1.46 19.97	41.77 -1.07 3.84	42.50 -0.80 3.99	36.60 -0.63 1.99	30.98 -0.42 1.01	28.96 -0.29 0.00
BROWNSV1_27_KV_LOAD 356125	25.90 2.15 -0.86	21.65 1.64 -1.75	20.31 1.41 -2.07	19.41 1.41 -0.86	20.21 1.38 -2.41	22.42 1.76 0.00	32.14 2.46 0.00	33.79 3.35 2.46	31.28 3.11 2.07	31.51 2.67 -0.74	30.07 2.90 2.98	30.34 2.90 4.10	31.56 2.95 2.14	33.32 3.09 -1.03	33.16 2.83 -4.35	34.61 2.97 -3.37	36.58 3.45 3.15	44.22 4.16 5.65	50.82 4.34 5.79	49.50 3.92 1.11	50.02 3.88 1.16	41.74 3.10 0.58	34.61 2.50 0.29	31.21 1.96 0.00
BURROWS___LYONSDAL 23803	23.04 0.11 -0.04	18.43 0.09 -0.08	17.01 0.08 -0.09	17.12 -0.07 -0.04	16.50 -0.03 -0.11	20.68 0.02 0.00	29.80 0.12 0.00	22.56 0.20 10.53	22.33 -0.03 7.88	17.69 -0.34 10.07	17.03 -0.36 12.76	15.50 -0.41 15.63	15.37 -0.46 14.91	13.76 -0.41 15.02	12.73 -0.34 12.92	14.19 -0.34 13.75	18.84 -0.36 17.09	23.92 -0.27 21.51	30.38 0.10 22.00	42.64 0.19 4.23	43.19 0.28 4.40	37.26 0.24 2.19	31.46 0.16 1.11	29.52 0.26 0.00
CAITHNESS_CC_1 323624	26.32 2.56 -0.87	21.99 1.97 -1.75	20.64 1.73 -2.08	19.71 1.70 -0.86	20.56 1.72 -2.41	22.84 2.17 -0.01	32.68 3.00 -0.01	34.06 3.62 2.45	31.44 3.27 2.07	28.38 2.76 2.48	29.89 3.08 3.35	30.45 3.03 4.12	30.13 3.23 3.84	29.27 3.36 3.28	26.45 3.09 2.62	35.05 3.05 -3.72	44.57 3.52 -4.76	47.05 4.20 2.85	59.24 4.60 -2.36	56.87 4.15 -6.02	58.49 4.16 -7.03	47.69 3.49 -4.98	43.59 2.82 -8.36	32.00 2.40 -0.35
CALPINE BETH_PAGE_GT4 24209	26.10 2.33 -0.87	21.86 1.84 -1.76	20.53 1.62 -2.08	19.57 1.56 -0.86	20.41 1.58 -2.41	22.70 2.02 -0.01	32.48 2.79 -0.01	34.07 3.62 2.44	31.50 3.33 2.06	28.63 2.89 2.36	29.93 3.11 3.34	30.42 3.00 4.12	30.19 3.23 3.78	29.32 3.24 3.12	26.61 2.99 2.36	37.09 3.05 -5.76	47.00 3.37 -7.34	47.60 3.98 2.08	53.53 4.23 2.98	58.41 3.83 -7.89	60.36 3.78 -9.27	48.79 3.14 -6.43	45.78 2.63 -10.75	31.95 2.25 -0.44
CALPINE_BETH_PAGE_GT_4 323586	26.10 2.34 -0.87	21.84 1.83 -1.76	20.53 1.62 -2.08	19.57 1.56 -0.86	20.41 1.58 -2.41	22.68 2.00 -0.01	32.48 2.79 -0.01	34.07 3.62 2.44	31.50 3.33 2.06	28.63 2.90 2.36	29.96 3.14 3.34	30.45 3.03 4.12	30.19 3.23 3.78	29.32 3.24 3.12	26.61 2.99 2.36	37.09 3.05 -5.76	47.00 3.38 -7.34	47.60 3.97 2.08	53.52 4.23 2.98	58.41 3.83 -7.89	60.36 3.79 -9.27	48.75 3.10 -6.43	45.78 2.62 -10.75	31.95 2.25 -0.44
CALPINE_BP_GT1 23823	26.10 2.34 -0.87	21.84 1.83 -1.76	20.53 1.62 -2.08	19.57 1.56 -0.86	20.41 1.58 -2.41	22.68 2.00 -0.01	32.48 2.79 -0.01	34.07 3.62 2.44	31.50 3.33 2.06	28.63 2.90 2.36	29.96 3.14 3.34	30.45 3.03 4.12	30.19 3.23 3.78	29.32 3.24 3.12	26.61 2.99 2.36	37.09 3.05 -5.76	47.00 3.38 -7.34	47.60 3.97 2.08	53.52 4.23 2.98	58.41 3.83 -7.89	60.36 3.79 -9.27	48.75 3.10 -6.43	45.78 2.62 -10.75	31.95 2.25 -0.44
CALSPAN___DRP 24200	21.74 -1.30 -0.16	17.47 -1.11 -0.32	16.17 -1.04 -0.39	16.28 -1.03 -0.16	15.95 -0.92 -0.45	19.90 -0.76 0.00	28.23 -1.45 0.00	19.74 -0.13 13.02	19.47 0.21 10.98	14.52 0.45 14.04	13.04 0.66 17.79	10.58 0.82 21.78	10.51 0.55 20.78	11.01 0.50 18.69	10.52 0.49 15.96	11.70 0.42 17.00	12.97 0.47 23.79	16.02 0.27 29.96	21.36 -0.31 30.60	38.25 -2.89 5.54	38.16 -3.41 5.74	33.77 -2.59 2.87	29.23 -1.62 1.56	27.61 -1.64 0.00

CALVERTON___SOLAR 323806	26.34 2.59 -0.87	22.01 1.99 -1.75	20.67 1.77 -2.08	19.72 1.72 -0.86	20.59 1.76 -2.41	22.88 2.21 -0.01	32.72 3.03 -0.01	34.00 3.55 2.45	31.37 3.20 2.07	28.29 2.67 2.48	29.83 3.02 3.35	30.39 2.96 4.12	30.10 3.20 3.84	29.24 3.33 3.28	26.45 3.09 2.62	34.99 3.00 -3.72	44.54 3.48 -4.77	47.06 4.20 2.85	59.44 4.76 -2.42	56.97 4.25 -6.03	58.54 4.21 -7.03	47.81 3.61 -4.98	43.57 2.79 -8.37	32.00 2.40 -0.35
CANDIGU_WT_PWR 323617	22.30 -0.80 -0.21	18.02 -0.68 -0.44	16.72 -0.62 -0.52	16.75 -0.62 -0.21	16.48 -0.54 -0.60	20.33 -0.33 0.00	29.03 -0.65 0.00	18.63 0.30 14.56	18.33 0.33 12.24	12.77 0.31 15.64	10.65 0.30 19.81	7.50 0.22 24.26	7.65 0.06 23.15	8.47 0.09 20.81	8.33 0.13 17.79	9.42 0.09 18.94	9.77 0.00 26.52	12.22 -0.09 33.39	17.98 -0.16 34.13	38.74 -1.50 6.45	39.04 -1.56 6.70	34.70 -1.18 3.34	29.97 -0.71 1.73	28.34 -0.91 0.00
CARR STREET_E_SYR 24060	22.68 -0.32 -0.11	18.19 -0.29 -0.23	16.81 -0.29 -0.27	16.99 -0.28 -0.11	16.47 -0.26 -0.31	20.48 -0.19 0.00	29.38 -0.30 0.00	7.06 -0.20 25.63	8.47 -0.15 21.62	0.27 -0.20 27.64	-5.10 -0.24 35.01	-11.60 -0.25 42.88	-10.38 -0.21 40.91	-7.76 -0.17 36.78	-5.55 -0.10 31.43	-5.33 -0.14 33.46	-10.91 -0.33 46.87	-13.86 -0.55 59.02	-8.76 -0.68 60.35	34.15 -0.93 11.61	34.24 -1.00 12.07	32.38 -0.83 6.02	28.64 -0.71 3.05	28.61 -0.64 0.00
CARTHAGE___PAPER 23857	22.74 -0.21 -0.05	18.20 -0.16 -0.11	16.80 -0.15 -0.13	16.88 -0.33 -0.05	16.31 -0.26 -0.15	20.39 -0.27 0.00	29.41 -0.27 0.00	14.66 -0.30 17.94	16.53 -0.64 13.07	10.39 -1.01 16.71	7.91 -1.08 21.16	4.45 -1.17 25.92	4.78 -1.23 24.73	2.54 -1.11 25.55	2.97 -1.01 22.00	3.82 -1.05 23.41	6.76 -1.20 28.33	8.93 -1.10 35.68	15.32 -0.47 36.48	39.44 -0.23 7.02	40.01 0.00 7.29	35.54 -0.04 3.64	30.50 -0.06 1.84	29.28 0.03 0.00
CASSADAGA_WT_PWR 323784	22.05 -1.01 -0.17	17.80 -0.80 -0.34	16.51 -0.72 -0.41	16.62 -0.70 -0.17	16.31 -0.59 -0.47	20.46 -0.21 0.00	29.03 -0.65 0.00	20.73 1.08 13.25	20.31 1.27 11.19	15.03 1.24 14.30	13.55 1.51 18.12	11.02 1.67 22.19	10.92 1.35 21.17	11.45 1.28 19.03	10.91 1.20 16.27	12.14 1.19 17.32	13.56 1.52 24.25	16.87 1.69 30.53	22.55 1.46 31.19	39.98 -1.03 5.69	40.08 -1.32 5.90	35.30 -0.98 2.94	30.30 -0.52 1.59	28.20 -1.05 0.00
CE_DUNWOOD___DRP 24194	25.56 1.81 -0.86	21.37 1.37 -1.74	20.09 1.19 -2.06	19.19 1.18 -0.85	19.98 1.15 -2.40	22.13 1.47 0.00	31.76 2.08 0.00	33.23 2.80 2.46	30.73 2.57 2.08	27.73 2.16 2.54	29.16 2.35 3.35	29.75 2.33 4.12	29.27 2.40 3.87	28.36 2.54 3.38	25.58 2.36 2.77	27.75 2.46 2.99	34.62 2.79 4.46	43.37 3.34 5.67	49.92 3.45 5.80	48.75 3.17 1.12	49.26 3.12 1.16	41.15 2.51 0.58	34.16 2.04 0.29	30.83 1.58 0.00
CE_MILLWOOD___DRP 24193	25.51 1.76 -0.86	21.33 1.33 -1.74	20.03 1.14 -2.06	19.15 1.15 -0.85	19.94 1.12 -2.40	22.09 1.43 0.00	31.70 2.02 0.00	33.15 2.73 2.47	30.66 2.51 2.09	27.61 2.08 2.57	29.05 2.26 3.37	29.64 2.24 4.14	29.15 2.31 3.90	28.23 2.45 3.42	25.44 2.29 2.83	27.60 2.38 3.05	34.49 2.69 4.49	43.21 3.20 5.70	49.74 3.29 5.83	48.60 3.03 1.12	49.16 3.03 1.16	41.07 2.43 0.58	34.06 1.94 0.29	30.77 1.52 0.00
CE_NYC2_DRP 24202	25.81 2.06 -0.86	21.58 1.57 -1.75	20.24 1.35 -2.07	19.33 1.32 -0.86	20.11 1.28 -2.41	22.31 1.65 0.00	31.91 2.23 0.00	33.53 3.09 2.46	31.06 2.90 2.07	32.03 2.44 -1.48	29.92 2.65 2.90	30.13 2.68 4.09	31.70 2.71 1.74	34.06 2.83 -2.03	34.57 2.62 -5.96	35.83 2.74 -4.81	36.58 3.16 2.86	43.90 3.84 5.64	50.35 3.87 5.79	49.12 3.55 1.11	49.64 3.50 1.16	41.39 2.75 0.58	34.32 2.20 0.29	30.98 1.73 0.00
CE_NYC_DRP 24195	25.79 2.04 -0.86	21.56 1.55 -1.75	20.23 1.33 -2.07	19.33 1.32 -0.86	20.13 1.30 -2.41	22.31 1.65 0.00	31.99 2.32 0.00	33.59 3.16 2.46	31.06 2.90 2.07	31.15 2.47 -0.57	29.84 2.68 3.00	30.12 2.68 4.10	31.25 2.74 2.22	32.89 2.89 -0.81	32.62 2.65 -3.99	34.09 2.77 -3.04	36.26 3.19 3.22	43.89 3.84 5.65	50.40 3.92 5.79	49.17 3.60 1.11	49.69 3.55 1.16	41.51 2.86 0.58	34.42 2.30 0.29	31.07 1.81 0.00
CHAFFEE___LFGE 323603	21.75 -1.30 -0.17	17.48 -1.11 -0.34	16.19 -1.04 -0.40	16.29 -1.03 -0.17	15.95 -0.94 -0.46	19.94 -0.72 0.00	28.29 -1.39 0.00	19.83 0.10 13.16	19.52 0.39 11.11	14.47 0.56 14.20	12.98 0.81 17.99	10.49 0.98 22.03	10.46 0.74 21.02	10.97 0.67 18.90	10.49 0.65 16.14	11.70 0.62 17.19	12.91 0.69 24.07	15.95 0.55 30.30	21.37 0.05 30.96	38.55 -2.52 5.62	38.59 -2.89 5.83	34.08 -2.23 2.91	29.44 -1.39 1.57	27.70 -1.55 0.00
CHATEAUG_35_KV_LOAD 355732	22.16 -0.73 0.00	17.75 -0.51 0.00	16.39 -0.44 0.00	16.67 -0.48 0.00	15.93 -0.49 0.00	19.71 -0.95 0.00	28.28 -1.39 0.00	18.16 -1.74 12.99	26.78 -1.63 1.82	24.45 -1.32 2.33	25.73 -1.48 2.95	26.38 -1.55 3.61	25.69 -1.60 3.45	9.77 -1.64 17.79	8.58 -1.46 15.94	9.86 -1.47 16.94	30.85 -1.49 3.95	39.31 -1.42 4.97	46.04 -1.15 5.09	44.92 -0.79 0.98	45.86 -0.43 1.02	38.36 -0.35 0.51	31.89 -0.26 0.26	29.08 -0.18 0.00
CHATEAUG_WT_PWR 323614	22.16 -0.73 0.00	17.77 -0.49 0.00	16.39 -0.44 0.00	16.69 -0.46 0.00	15.93 -0.49 0.00	19.73 -0.93 0.00	28.31 -1.36 0.00	18.28 -1.68 12.93	27.07 -1.57 1.59	24.81 -1.26 2.03	26.17 -1.42 2.57	26.94 -1.45 3.15	26.20 -1.54 3.01	9.96 -1.55 17.69	8.73 -1.38 15.87	9.99 -1.41 16.87	31.39 -1.45 3.44	39.95 -1.42 4.34	46.64 -1.20 4.44	45.00 -0.84 0.85	45.89 -0.52 0.89	38.35 -0.43 0.44	31.89 -0.29 0.22	29.05 -0.20 0.00
CHAT_HIGH_FALL_HYD 323578	22.16 -0.73 0.00	17.75 -0.51 0.00	16.39 -0.44 0.00	16.67 -0.48 0.00	15.93 -0.49 0.00	19.71 -0.95 0.00	28.28 -1.39 0.00	18.16 -1.74 12.99	26.78 -1.63 1.82	24.45 -1.32 2.33	25.73 -1.48 2.95	26.38 -1.55 3.61	25.69 -1.60 3.45	9.77 -1.64 17.79	8.58 -1.46 15.94	9.86 -1.47 16.94	30.85 -1.49 3.95	39.31 -1.42 4.97	46.04 -1.15 5.09	44.92 -0.79 0.98	45.86 -0.43 1.02	38.36 -0.35 0.51	31.89 -0.26 0.26	29.08 -0.18 0.00
CHAUTAUQUA___LFGE 323629	22.09 -0.96 -0.17	17.78 -0.82 -0.34	16.47 -0.76 -0.40	16.58 -0.74 -0.16	16.25 -0.64 -0.46	20.29 -0.37 0.00	28.79 -0.89 0.00	20.34 0.59 13.15	19.98 0.85 11.10	14.84 0.93 14.18	13.37 1.18 17.97	10.86 1.32 22.00	10.80 1.05 20.99	11.28 0.96 18.87	10.76 0.91 16.13	11.98 0.88 17.17	13.33 1.09 24.04	16.52 1.10 30.27	22.08 0.73 30.92	39.33 -1.73 5.63	39.39 -2.08 5.84	34.73 -1.57 2.91	29.89 -0.94 1.57	28.08 -1.17 0.00
CHERRYST_13_KV_LD 356241	25.83 2.08 -0.86	21.61 1.61 -1.75	20.28 1.38 -2.07	19.38 1.37 -0.86	20.16 1.33 -2.41	22.38 1.71 0.00	32.08 2.40 0.00	33.69 3.26 2.46	31.19 3.02 2.07	31.28 2.59 -0.59	29.97 2.80 3.00	30.25 2.81 4.10	31.38 2.86 2.21	33.00 2.98 -0.83	32.76 2.75 -4.02	34.23 2.88 -3.08	36.41 3.34 3.21	44.08 4.02 5.65	50.56 4.08 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.58 2.94 0.58	34.48 2.37 0.29	31.12 1.87 0.00

CHESTROR_138KV_BK263 355645	25.15 1.46 -0.80	21.00 1.11 -1.62	19.71 0.96 -1.92	18.92 0.98 -0.79	19.60 0.94 -2.24	21.86 1.20 0.00	31.37 1.69 0.00	32.53 2.27 2.63	30.10 2.09 2.23	26.94 1.69 2.85	28.36 1.81 3.61	28.95 1.83 4.42	28.40 1.88 4.21	27.42 2.01 3.79	24.62 1.87 3.24	26.78 1.95 3.45	33.67 2.21 4.83	42.28 2.65 6.08	48.72 2.67 6.21	47.97 2.47 1.20	48.52 2.46 1.24	40.60 2.00 0.62	33.68 1.59 0.31	30.48 1.23 0.00
CH_MIDHUDSON___DRP 24192	25.43 1.67 -0.87	21.31 1.28 -1.77	20.04 1.11 -2.10	19.14 1.11 -0.87	19.97 1.10 -2.44	22.05 1.38 0.00	31.58 1.90 0.00	33.03 2.53 2.40	30.52 2.33 2.04	27.41 1.91 2.61	28.91 2.05 3.30	29.54 2.05 4.05	28.97 2.09 3.86	27.97 2.25 3.47	25.10 2.08 2.97	27.27 2.15 3.16	34.26 2.39 4.42	43.01 2.88 5.57	49.56 2.98 5.69	48.35 2.75 1.10	48.91 2.74 1.14	40.89 2.24 0.57	33.90 1.78 0.29	30.66 1.40 0.00
CH_MISC_IPPS 23765	25.53 1.79 -0.86	21.35 1.35 -1.74	20.07 1.18 -2.06	19.19 1.18 -0.85	19.99 1.17 -2.40	22.13 1.47 0.00	31.82 2.14 0.00	33.22 2.79 2.47	30.71 2.57 2.09	27.51 2.08 2.68	28.97 2.20 3.39	29.60 2.21 4.15	29.05 2.27 3.96	28.06 2.42 3.56	25.20 2.26 3.04	27.38 2.35 3.24	34.47 2.72 4.54	43.32 3.33 5.71	49.88 3.45 5.84	48.74 3.18 1.12	49.30 3.17 1.17	41.22 2.59 0.58	34.19 2.08 0.30	30.89 1.64 0.00
CH_RES_BVR_FALLS 23983	22.57 -0.32 0.00	18.02 -0.24 0.00	16.63 -0.20 0.00	16.93 -0.22 0.00	16.21 -0.21 0.00	20.33 -0.33 0.00	28.91 -0.77 0.00	8.20 -0.92 23.77	28.18 -0.81 1.24	25.79 -0.73 1.59	27.37 -0.78 2.01	28.23 -0.85 2.46	27.47 -0.92 2.35	-4.03 -0.88 32.35	-3.99 -0.81 29.17	-3.56 -0.85 30.98	32.51 -1.09 2.69	41.09 -1.23 3.39	47.61 -1.20 3.46	45.09 -0.93 0.67	45.76 -0.85 0.69	38.13 -0.75 0.35	31.62 -0.62 0.18	28.75 -0.50 0.00
CH_RES_NIAGARA 23895	21.39 -1.65 -0.15	17.15 -1.41 -0.30	15.89 -1.30 -0.35	16.00 -1.30 -0.15	15.65 -1.18 -0.41	19.30 -1.36 0.00	27.33 -2.34 0.00	18.56 -1.61 12.72	18.33 -1.18 10.72	13.78 -0.62 13.71	12.30 -0.51 17.35	10.10 -0.19 21.25	10.04 -0.43 20.27	10.41 -0.55 18.23	9.98 -0.42 15.59	11.13 -0.57 16.58	12.14 -0.91 23.24	14.71 -1.74 29.26	19.55 -2.82 29.90	35.75 -5.32 5.62	35.60 -5.91 5.79	31.66 -4.67 2.89	27.68 -3.21 1.52	26.74 -2.52 0.00
CH_RES_SYRACUSE 23985	22.65 -0.34 -0.11	18.17 -0.31 -0.22	16.78 -0.30 -0.26	16.97 -0.29 -0.11	16.44 -0.28 -0.30	20.44 -0.23 0.00	29.35 -0.33 0.00	5.49 -0.36 27.04	7.10 -0.33 22.80	-1.38 -0.34 29.15	-7.16 -0.39 36.93	-14.13 -0.44 45.23	-12.80 -0.40 43.14	-9.92 -0.32 38.79	-7.43 -0.26 33.15	-7.30 -0.28 35.29	-13.65 -0.51 49.43	-17.23 -0.51 62.25	-12.22 -0.68 63.65	33.42 -1.03 12.24	33.53 -1.04 12.73	32.01 -0.86 6.34	28.41 -0.78 3.22	28.58 -0.67 0.00
CLINTON_WT_PWR 323605	22.16 -0.73 0.00	17.77 -0.49 0.00	16.39 -0.44 0.00	16.69 -0.46 0.00	15.93 -0.49 0.00	19.73 -0.93 0.00	28.31 -1.36 0.00	18.28 -1.68 12.93	27.07 -1.57 1.59	24.81 -1.26 2.03	26.17 -1.42 2.57	26.94 -1.45 3.15	26.20 -1.54 3.01	9.96 -1.55 17.69	8.73 -1.38 15.87	9.99 -1.41 16.87	31.39 -1.45 3.44	39.95 -1.42 4.34	46.64 -1.20 4.44	45.00 -0.84 0.85	45.89 -0.52 0.89	38.35 -0.43 0.44	31.89 -0.29 0.22	29.05 -0.20 0.00
CLINTON___LFGE 323618	22.39 -0.50 0.00	17.95 -0.31 0.00	16.58 -0.25 0.00	16.86 -0.29 0.00	16.10 -0.33 0.00	19.94 -0.72 0.00	28.61 -1.07 0.00	18.66 -1.28 12.95	27.35 -1.24 1.65	25.04 -0.96 2.11	26.37 -1.12 2.67	27.10 -1.17 3.27	26.36 -1.26 3.12	10.22 -1.25 17.72	8.97 -1.12 15.89	10.26 -1.13 16.89	31.62 -1.09 3.58	40.29 -0.91 4.51	47.14 -0.52 4.61	45.57 -0.23 0.89	46.57 0.19 0.92	38.88 0.12 0.46	32.34 0.16 0.23	29.43 0.18 0.00
COBBLENY_34_KV_TB1 80064	21.75 -1.30 -0.17	17.48 -1.11 -0.34	16.19 -1.04 -0.40	16.29 -1.03 -0.17	15.97 -0.92 -0.46	19.94 -0.72 0.00	28.28 -1.39 0.00	19.83 0.10 13.16	19.52 0.39 11.11	14.50 0.59 14.20	12.98 0.81 17.99	10.49 0.98 22.03	10.46 0.74 21.02	10.97 0.67 18.90	10.49 0.65 16.14	11.67 0.59 17.19	12.91 0.69 24.07	15.95 0.55 30.30	21.37 0.05 30.96	38.50 -2.57 5.62	38.40 -3.07 5.83	34.00 -2.31 2.91	29.44 -1.39 1.57	27.70 -1.55 0.00
COFFEEN___115KV_TB3 355620	22.95 0.00 -0.06	18.38 0.00 -0.12	16.94 -0.03 -0.15	17.06 -0.15 -0.06	16.49 -0.10 -0.17	20.66 0.00 0.00	29.83 0.15 0.00	12.96 0.20 20.13	14.71 -0.24 15.28	7.83 -0.73 19.54	4.62 -0.78 24.75	0.34 -0.88 30.31	0.87 -0.95 28.92	-0.35 -0.82 28.73	0.52 -0.78 24.69	1.21 -0.79 26.27	2.32 -0.83 33.13	3.39 -0.59 41.72	9.82 0.21 42.66	38.76 0.28 8.21	39.34 0.57 8.53	35.32 0.35 4.25	30.51 0.26 2.16	29.46 0.20 0.00
COLDSPRG_115KV_BK1 355956	22.13 -0.94 -0.18	17.85 -0.77 -0.36	16.54 -0.71 -0.42	16.62 -0.70 -0.17	16.32 -0.59 -0.49	20.62 -0.04 0.00	29.26 -0.42 0.00	21.17 1.68 13.40	20.74 1.84 11.34	15.41 1.80 14.49	13.91 2.11 18.36	11.36 2.30 22.48	11.26 1.97 21.45	11.78 1.87 19.29	11.19 1.69 16.48	12.43 1.70 17.55	13.90 2.18 24.57	17.24 2.47 30.93	23.02 2.35 31.60	40.73 -0.19 5.77	40.69 -0.61 5.99	35.92 -0.31 2.99	30.87 0.06 1.61	28.52 -0.73 0.00
COLONIE_LFGE___ 323577	24.82 0.82 -1.11	21.15 0.64 -2.25	20.08 0.59 -2.66	18.87 0.62 -1.10	20.12 0.59 -3.10	21.47 0.81 0.00	30.81 1.13 0.00	32.69 1.35 1.56	30.05 1.12 1.31	27.25 0.82 1.67	28.74 0.69 2.12	29.61 0.66 2.59	29.03 0.77 2.47	27.88 0.91 2.22	25.07 0.99 1.90	27.21 0.96 2.02	34.22 0.76 2.83	43.05 0.91 3.57	49.87 1.25 3.65	47.39 1.40 0.70	47.89 1.32 0.73	39.95 1.10 0.36	33.04 0.81 0.18	29.95 0.70 0.00
COOPERNY_115KV_TB1 80082	24.60 1.05 -0.65	20.37 0.79 -1.33	19.09 0.69 -1.57	18.51 0.70 -0.65	18.93 0.67 -1.83	21.53 0.87 0.00	30.90 1.22 0.00	31.52 1.68 3.05	29.17 1.51 2.58	26.04 1.24 3.30	27.31 1.33 4.18	27.75 1.32 5.11	27.21 1.35 4.88	26.27 1.46 4.39	23.61 1.38 3.75	25.70 1.41 3.99	32.29 1.60 5.59	40.54 1.87 7.04	47.01 1.93 7.20	47.03 1.73 1.38	47.56 1.70 1.44	39.87 1.37 0.72	33.15 1.10 0.36	30.10 0.85 0.00
COPENHAGEN_WT_PWR 323753	22.84 -0.11 -0.06	18.28 -0.11 -0.13	16.86 -0.12 -0.15	16.97 -0.24 -0.06	16.40 -0.20 -0.17	20.54 -0.12 0.00	29.62 -0.06 0.00	12.15 -0.03 20.71	14.00 -0.36 15.87	7.02 -0.79 20.29	3.64 -0.81 25.71	-0.86 -0.92 31.49	-0.25 -0.95 30.04	-1.20 -0.82 29.58	-0.20 -0.78 25.40	0.45 -0.79 27.04	0.97 -0.91 34.41	1.59 -0.78 43.34	7.80 -0.16 44.31	38.07 -0.09 8.52	38.54 0.09 8.86	34.84 0.04 4.42	30.17 0.00 2.24	29.25 0.00 0.00
CORNELL_____ 23752	23.32 0.21 -0.23	18.83 0.11 -0.46	17.47 0.10 -0.54	17.48 0.10 -0.22	17.17 0.11 -0.63	21.01 0.35 0.00	30.18 0.50 0.00	14.68 0.95 19.17	14.84 0.79 16.18	7.98 0.56 20.68	4.47 0.51 26.20	-0.08 0.47 32.09	0.53 0.40 30.61	2.11 0.44 27.53	2.90 0.44 23.52	3.74 0.51 25.04	1.79 0.58 35.08	2.40 0.87 44.17	8.16 1.05 45.16	38.63 0.61 8.67	38.91 0.61 9.01	35.24 0.51 4.49	30.45 0.32 2.28	29.40 0.15 0.00

CORONA__69_KV_TB1 355595	26.01 2.24 -0.88	21.81 1.79 -1.76	20.48 1.57 -2.09	19.54 1.53 -0.86	20.36 1.53 -2.41	22.64 1.96 -0.02	32.37 2.67 -0.02	33.94 3.49 2.44	31.44 3.27 2.06	28.77 2.81 2.14	29.92 3.08 3.32	30.36 2.93 4.12	30.18 3.10 3.66	29.49 3.09 2.80	26.96 2.83 1.85	40.85 2.88 -9.69	51.88 3.30 -12.29	49.00 3.88 0.59	54.44 4.13 1.96	62.00 3.69 -11.62	64.54 3.64 -13.59	51.58 3.02 -9.34	50.29 2.56 -15.33	31.98 2.11 -0.62
CORTLAND__115KV_TB3 80093	23.17 0.09 -0.19	18.68 0.04 -0.39	17.31 0.02 -0.46	17.36 0.02 -0.19	16.99 0.03 -0.53	20.89 0.23 0.00	29.98 0.30 0.00	13.24 0.69 20.34	13.65 0.57 17.16	6.56 0.39 21.94	2.76 0.39 27.79	-2.15 0.35 34.04	-1.39 0.34 32.47	0.38 0.38 29.19	1.42 0.39 24.95	2.11 0.40 26.56	-0.52 0.40 37.20	-0.59 0.55 46.85	5.00 0.63 47.90	37.72 0.23 9.20	37.92 0.19 9.57	34.61 0.16 4.77	30.08 0.10 2.42	29.22 -0.03 0.00
COXSACKIE__GT 23611	24.91 1.01 -1.01	21.17 0.86 -2.05	20.00 0.74 -2.43	18.95 0.79 -1.00	20.07 0.82 -2.83	22.13 1.47 0.00	31.85 2.17 0.00	33.31 2.34 1.92	30.34 1.72 1.62	27.10 1.07 2.07	28.32 0.78 2.63	29.05 0.73 3.22	28.53 0.86 3.07	27.40 0.96 2.76	24.61 0.99 2.36	26.90 1.13 2.51	33.82 1.05 3.51	42.78 1.51 4.43	49.73 1.99 4.53	47.97 2.15 0.87	48.48 2.08 0.90	40.61 1.84 0.45	33.54 1.36 0.23	30.42 1.17 0.00
CPV_VALLEY__CC1 323721	24.89 1.26 -0.75	20.72 0.95 -1.51	19.45 0.82 -1.80	18.75 0.86 -0.74	19.32 0.80 -2.09	21.67 1.01 0.00	31.10 1.42 0.00	32.08 1.97 2.79	29.70 1.81 2.35	26.55 1.46 3.01	27.94 1.60 3.81	28.48 1.61 4.67	27.91 1.63 4.45	26.94 1.75 4.00	24.22 1.66 3.42	26.33 1.70 3.64	33.07 1.89 5.10	41.52 2.24 6.43	47.95 2.25 6.57	47.48 2.05 1.26	48.02 2.03 1.31	40.21 1.65 0.65	33.41 1.33 0.33	30.28 1.02 0.00
CPV_VALLEY__CC2 323722	24.89 1.26 -0.75	20.72 0.95 -1.51	19.45 0.82 -1.80	18.75 0.86 -0.74	19.32 0.80 -2.09	21.67 1.01 0.00	31.10 1.42 0.00	32.08 1.97 2.79	29.70 1.81 2.35	26.55 1.46 3.01	27.94 1.60 3.81	28.48 1.61 4.67	27.91 1.63 4.45	26.94 1.75 4.00	24.22 1.66 3.42	26.33 1.70 3.64	33.07 1.89 5.10	41.52 2.24 6.43	47.95 2.25 6.57	47.48 2.05 1.26	48.02 2.03 1.31	40.21 1.65 0.65	33.41 1.33 0.33	30.28 1.02 0.00
CRESCENT__HYD 24018	24.82 0.82 -1.11	21.15 0.64 -2.25	20.08 0.59 -2.66	18.87 0.62 -1.10	20.12 0.59 -3.10	21.47 0.81 0.00	30.81 1.13 0.00	32.69 1.35 1.56	30.05 1.12 1.31	27.25 0.82 1.67	28.74 0.69 2.12	29.61 0.66 2.59	29.03 0.77 2.47	27.88 0.91 2.22	25.07 0.99 1.90	27.21 0.96 2.02	34.22 0.76 2.83	43.05 0.91 3.57	49.87 1.25 3.65	47.39 1.40 0.70	47.89 1.32 0.73	39.95 1.10 0.36	33.04 0.81 0.18	29.95 0.70 0.00
CRICKET__VALLEY_CC1 323756	25.37 1.58 -0.90	21.27 1.19 -1.83	20.04 1.04 -2.17	19.09 1.05 -0.90	19.96 1.02 -2.52	21.92 1.26 0.00	31.40 1.72 0.00	32.86 2.30 2.34	30.38 2.12 1.98	27.32 1.74 2.53	28.89 1.93 3.20	29.55 1.92 3.92	28.97 1.97 3.74	27.97 2.13 3.36	25.06 1.95 2.87	27.17 1.95 3.06	34.11 2.10 4.28	42.78 2.47 5.39	49.27 2.51 5.51	47.96 2.33 1.06	48.52 2.32 1.10	40.51 1.84 0.55	33.62 1.49 0.28	30.42 1.17 0.00
CRICKET__VALLEY_CC2 323757	25.37 1.58 -0.90	21.27 1.19 -1.83	20.04 1.04 -2.17	19.09 1.05 -0.90	19.96 1.02 -2.52	21.92 1.26 0.00	31.40 1.72 0.00	32.86 2.30 2.34	30.38 2.12 1.98	27.32 1.74 2.53	28.89 1.93 3.20	29.55 1.92 3.92	28.97 1.97 3.74	27.97 2.13 3.36	25.06 1.95 2.87	27.17 1.95 3.06	34.11 2.10 4.28	42.78 2.47 5.39	49.27 2.51 5.51	47.96 2.33 1.06	48.52 2.32 1.10	40.51 1.84 0.55	33.62 1.49 0.28	30.42 1.17 0.00
CRICKET__VALLEY_CC3 323758	25.37 1.58 -0.90	21.27 1.19 -1.83	20.04 1.04 -2.17	19.09 1.05 -0.90	19.96 1.02 -2.52	21.92 1.26 0.00	31.40 1.72 0.00	32.86 2.30 2.34	30.38 2.12 1.98	27.32 1.74 2.53	28.89 1.93 3.20	29.55 1.92 3.92	28.97 1.97 3.74	27.97 2.13 3.36	25.06 1.95 2.87	27.17 1.95 3.06	34.11 2.10 4.28	42.78 2.47 5.39	49.27 2.51 5.51	47.96 2.33 1.06	48.52 2.32 1.10	40.51 1.84 0.55	33.62 1.49 0.28	30.42 1.17 0.00
CRUCIBLE__METL_DRP 24180	22.65 -0.34 -0.11	18.17 -0.31 -0.22	16.78 -0.30 -0.26	16.97 -0.29 -0.11	16.44 -0.28 -0.30	20.43 -0.23 0.00	29.35 -0.33 0.00	5.49 -0.36 27.04	7.10 -0.33 22.80	-1.38 -0.34 29.15	-7.16 -0.39 36.93	-14.13 -0.44 45.23	-12.80 -0.40 43.14	-9.92 -0.32 38.79	-7.43 -0.26 33.15	-7.30 -0.28 35.29	-13.65 -0.51 49.43	-17.23 -0.69 62.25	-12.21 -0.84 63.65	33.42 -1.03 12.24	33.49 -1.09 12.73	31.97 -0.90 6.34	28.41 -0.78 3.22	28.58 -0.67 0.00
DAHOWA__HYDRO 323763	24.97 0.96 -1.12	21.29 0.75 -2.28	20.20 0.67 -2.70	18.99 0.72 -1.12	20.25 0.69 -3.14	21.65 0.99 0.00	31.16 1.48 0.00	33.12 1.74 1.52	30.29 1.33 1.28	27.34 0.87 1.63	28.85 0.75 2.07	29.77 0.76 2.53	29.16 0.83 2.41	28.02 0.99 2.17	25.17 1.04 1.85	27.43 1.13 1.97	34.61 1.09 2.77	43.68 1.46 3.48	50.65 1.94 3.56	48.06 2.05 0.68	48.62 2.03 0.71	40.51 1.65 0.35	33.46 1.23 0.18	30.25 1.00 0.00
DANC__LFGE 323619	22.69 -0.27 -0.07	18.15 -0.26 -0.15	16.77 -0.24 -0.18	16.90 -0.33 -0.07	16.33 -0.30 -0.21	20.39 -0.27 0.00	29.35 -0.33 0.00	8.64 -0.33 23.92	10.61 -0.51 19.11	2.93 -0.73 24.44	-1.55 -0.75 30.96	-7.20 -0.82 37.92	-6.26 -0.83 36.17	-5.76 -0.73 34.23	-4.00 -0.65 29.34	-3.66 -0.71 31.23	-6.03 -0.87 41.44	-7.35 -0.87 52.19	-1.67 -0.57 53.36	35.73 -0.70 10.27	36.01 -0.62 10.67	33.35 -0.55 5.32	29.29 -0.42 2.70	28.87 -0.38 0.00
DANSKAMMER__1 23586	25.53 1.79 -0.86	21.35 1.35 -1.74	20.07 1.18 -2.06	19.19 1.18 -0.85	19.99 1.17 -2.40	22.13 1.47 0.00	31.82 2.14 0.00	33.22 2.79 2.47	30.71 2.57 2.09	27.51 2.08 2.68	28.97 2.20 3.39	29.60 2.21 4.15	29.05 2.27 3.96	28.06 2.42 3.56	25.20 2.26 3.04	27.38 2.35 3.24	34.47 2.72 4.54	43.32 3.33 5.71	49.88 3.45 5.84	48.74 3.18 1.12	49.30 3.17 1.17	41.22 2.59 0.58	34.19 2.08 0.30	30.89 1.64 0.00
DANSKAMMER__2 23589	25.53 1.79 -0.86	21.35 1.35 -1.74	20.07 1.18 -2.06	19.19 1.18 -0.85	19.99 1.17 -2.40	22.13 1.47 0.00	31.82 2.14 0.00	33.22 2.79 2.47	30.71 2.57 2.09	27.51 2.08 2.68	28.97 2.20 3.39	29.60 2.21 4.15	29.05 2.27 3.96	28.06 2.42 3.56	25.20 2.26 3.04	27.38 2.35 3.24	34.47 2.72 4.54	43.32 3.33 5.71	49.88 3.45 5.84	48.74 3.18 1.12	49.30 3.17 1.17	41.22 2.59 0.58	34.19 2.08 0.30	30.89 1.64 0.00
DANSKAMMER__3 23590	25.53 1.79 -0.86	21.35 1.35 -1.74	20.07 1.18 -2.06	19.19 1.18 -0.85	19.99 1.17 -2.40	22.13 1.47 0.00	31.82 2.14 0.00	33.22 2.79 2.47	30.71 2.57 2.09	27.51 2.08 2.68	28.97 2.20 3.39	29.60 2.21 4.15	29.05 2.27 3.96	28.06 2.42 3.56	25.20 2.26 3.04	27.38 2.35 3.24	34.47 2.72 4.54	43.32 3.33 5.71	49.88 3.45 5.84	48.74 3.18 1.12	49.30 3.17 1.17	41.22 2.59 0.58	34.19 2.08 0.30	30.89 1.64 0.00

DANSKAMMER___4 23591	25.53 1.79 -0.86	21.35 1.35 -1.74	20.07 1.18 -2.06	19.19 1.18 -0.85	19.99 1.17 -2.40	22.13 1.47 0.00	31.82 2.14 0.00	33.22 2.79 2.47	30.71 2.57 2.09	27.51 2.08 2.68	28.97 2.20 3.39	29.60 2.21 4.15	29.05 2.27 3.96	28.06 2.42 3.56	25.20 2.26 3.04	27.38 2.35 3.24	34.47 2.72 4.54	43.32 3.33 5.71	49.88 3.45 5.84	48.74 3.18 1.12	49.30 3.17 1.17	41.22 2.59 0.58	34.19 2.08 0.30	30.89 1.64 0.00
DANSKAMMER___DIESEL 23592	25.53 1.79 -0.86	21.37 1.37 -1.74	20.07 1.18 -2.06	19.19 1.18 -0.85	19.99 1.17 -2.40	22.15 1.49 0.00	31.82 2.14 0.00	33.22 2.80 2.47	30.71 2.57 2.09	27.51 2.08 2.68	28.94 2.17 3.39	29.60 2.21 4.15	29.05 2.27 3.96	28.06 2.42 3.56	25.20 2.26 3.04	27.38 2.35 3.24	34.47 2.72 4.54	43.33 3.34 5.71	49.88 3.45 5.84	48.79 3.22 1.12	49.30 3.17 1.17	41.23 2.59 0.58	34.19 2.07 0.30	30.89 1.64 0.00
DARBY___SOLAR 323810	24.95 0.94 -1.12	21.26 0.73 -2.27	20.20 0.67 -2.69	18.97 0.70 -1.11	20.23 0.67 -3.14	21.61 0.95 0.00	31.07 1.40 0.00	33.02 1.64 1.52	30.23 1.27 1.28	27.31 0.84 1.64	28.81 0.72 2.07	29.70 0.69 2.54	29.12 0.80 2.42	27.95 0.93 2.18	25.11 0.99 1.86	27.37 1.07 1.98	34.53 1.01 2.77	43.58 1.37 3.49	50.53 1.83 3.57	47.96 1.96 0.69	48.53 1.94 0.71	40.39 1.53 0.36	33.39 1.17 0.18	30.19 0.94 0.00
DASHVILLE___HYD 23610	25.27 1.51 -0.87	21.18 1.15 -1.77	19.89 0.96 -2.10	19.00 0.98 -0.87	19.84 0.97 -2.45	22.13 1.47 0.00	31.82 2.14 0.00	33.28 2.80 2.40	30.74 2.54 2.03	27.56 2.05 2.60	29.04 2.17 3.29	29.68 2.18 4.03	29.14 2.24 3.85	28.13 2.39 3.46	25.24 2.21 2.96	27.45 2.32 3.15	34.60 2.72 4.41	43.49 3.34 5.55	49.99 3.40 5.68	48.77 3.17 1.09	49.29 3.12 1.13	41.24 2.59 0.57	34.20 2.07 0.29	30.89 1.64 0.00
DELAWARE___LFGE 323621	24.04 0.76 -0.40	19.63 0.57 -0.80	18.30 0.52 -0.95	18.08 0.53 -0.39	18.06 0.53 -1.11	21.39 0.72 0.00	30.69 1.01 0.00	19.32 2.63 16.20	18.87 2.30 13.66	12.29 1.66 17.47	9.94 1.90 22.12	6.34 1.89 27.10	6.52 1.63 25.85	7.47 1.52 23.24	7.57 1.46 19.86	8.71 1.58 21.14	8.66 2.00 29.62	11.10 2.70 37.30	17.43 3.29 38.13	41.76 2.38 7.31	42.11 2.41 7.60	37.43 2.00 3.79	32.13 1.65 1.93	30.42 1.17 0.00
DERFIELD_115KV_TB7 355931	22.96 0.07 0.00	18.32 0.05 0.00	16.88 0.05 0.00	17.20 0.05 0.00	16.47 0.05 0.00	20.74 0.08 0.00	29.80 0.12 0.00	31.09 0.16 1.97	28.21 0.12 2.15	25.39 0.03 2.74	26.71 0.03 3.47	27.29 0.00 4.26	26.71 0.03 4.06	26.39 0.06 2.87	23.65 0.08 2.41	25.79 0.08 2.57	31.64 0.00 4.65	39.80 -0.05 5.86	46.23 -0.05 5.99	45.54 0.00 1.15	46.06 -0.05 1.20	38.58 -0.04 0.60	32.07 -0.03 0.30	29.25 0.00 0.00
DOGLEVILLE___HYD 23807	22.39 -0.50 0.00	17.84 -0.42 0.00	16.44 -0.39 0.00	16.78 -0.38 0.00	16.08 -0.34 0.00	20.25 -0.41 0.00	29.06 -0.62 0.00	30.23 -0.69 1.97	27.43 -0.67 2.15	24.63 -0.73 2.74	25.96 -0.72 3.47	26.47 -0.82 4.26	25.85 -0.83 4.06	25.60 -0.73 2.87	22.87 -0.70 2.41	24.94 -0.76 2.57	30.58 -1.05 4.65	38.57 -1.28 5.86	44.98 -1.31 5.99	44.56 -0.98 1.15	45.20 -0.90 1.20	37.92 -0.71 0.60	31.62 -0.49 0.30	28.81 -0.44 0.00
DUNKIRK___115KV_TB_200 55889	22.07 -0.98 -0.17	17.76 -0.84 -0.34	16.45 -0.77 -0.40	16.56 -0.75 -0.16	16.23 -0.66 -0.46	20.27 -0.39 0.00	28.76 -0.92 0.00	20.31 0.56 13.14	19.93 0.79 11.09	14.83 0.90 14.17	13.32 1.12 17.95	10.85 1.29 21.98	10.78 1.01 20.97	11.27 0.93 18.86	10.75 0.88 16.12	11.96 0.85 17.16	13.31 1.05 24.03	16.46 1.01 30.25	22.05 0.68 30.90	39.24 -1.82 5.63	39.15 -2.32 5.83	34.58 -1.73 2.91	29.83 -1.00 1.57	28.05 -1.20 0.00
DUNKIRK___1 23563	22.07 -0.98 -0.17	17.76 -0.84 -0.34	16.45 -0.77 -0.40	16.56 -0.75 -0.16	16.23 -0.66 -0.46	20.27 -0.39 0.00	28.76 -0.92 0.00	20.31 0.56 13.14	19.93 0.79 11.09	14.83 0.90 14.17	13.32 1.12 17.95	10.85 1.29 21.98	10.78 1.01 20.97	11.27 0.93 18.86	10.75 0.88 16.12	11.96 0.85 17.16	13.31 1.05 24.03	16.46 1.01 30.25	22.05 0.68 30.90	39.24 -1.82 5.63	39.15 -2.32 5.83	34.58 -1.73 2.91	29.83 -1.00 1.57	28.05 -1.20 0.00
DUNKIRK___2 23564	22.07 -0.98 -0.17	17.76 -0.84 -0.34	16.45 -0.77 -0.40	16.56 -0.75 -0.16	16.23 -0.66 -0.46	20.27 -0.39 0.00	28.76 -0.92 0.00	20.31 0.56 13.14	19.93 0.79 11.09	14.83 0.90 14.17	13.32 1.12 17.95	10.85 1.29 21.98	10.78 1.01 20.97	11.27 0.93 18.86	10.75 0.88 16.12	11.96 0.85 17.16	13.31 1.05 24.03	16.46 1.01 30.25	22.05 0.68 30.90	39.24 -1.82 5.63	39.15 -2.32 5.83	34.58 -1.73 2.91	29.83 -1.00 1.57	28.05 -1.20 0.00
DUNKIRK___3 23565	21.96 -1.10 -0.16	17.66 -0.93 -0.33	16.37 -0.86 -0.40	16.46 -0.86 -0.16	16.13 -0.76 -0.46	20.15 -0.52 0.00	28.58 -1.10 0.00	20.14 0.36 13.11	19.81 0.63 11.06	14.72 0.76 14.14	13.22 0.97 17.91	10.75 1.14 21.93	10.68 0.86 20.92	11.17 0.79 18.81	10.66 0.75 16.08	11.90 0.74 17.11	13.19 0.87 23.97	16.30 0.78 30.18	21.82 0.37 30.82	38.92 -2.15 5.62	38.88 -2.60 5.82	34.35 -1.96 2.91	29.67 -1.17 1.57	27.91 -1.35 0.00
DUNKIRK___4 23566	21.96 -1.10 -0.16	17.66 -0.93 -0.33	16.37 -0.86 -0.40	16.46 -0.86 -0.16	16.13 -0.76 -0.46	20.15 -0.52 0.00	28.58 -1.10 0.00	20.14 0.36 13.11	19.81 0.63 11.06	14.72 0.76 14.14	13.22 0.97 17.91	10.75 1.14 21.93	10.68 0.86 20.92	11.17 0.79 18.81	10.66 0.75 16.08	11.90 0.74 17.11	13.19 0.87 23.97	16.30 0.78 30.18	21.82 0.37 30.82	38.92 -2.15 5.62	38.88 -2.60 5.82	34.35 -1.96 2.91	29.67 -1.17 1.57	27.91 -1.35 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	25.60 1.85 -0.86	21.41 1.41 -1.75	20.11 1.21 -2.07	19.23 1.22 -0.86	20.01 1.18 -2.41	22.17 1.51 0.00	31.82 2.14 0.00	33.33 2.89 2.45	30.82 2.66 2.07	27.58 2.22 2.74	29.20 2.41 3.37	29.85 2.43 4.12	29.23 2.46 3.97	28.18 2.63 3.65	25.19 2.42 3.21	27.41 2.52 3.38	34.66 2.90 4.53	43.51 3.47 5.66	50.03 3.55 5.79	48.84 3.27 1.11	49.36 3.22 1.16	41.23 2.59 0.58	34.22 2.11 0.29	30.89 1.64 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	25.34 1.63 -0.83	21.19 1.24 -1.68	19.90 1.08 -2.00	19.06 1.08 -0.83	19.80 1.05 -2.32	22.01 1.34 0.00	31.61 1.93 0.00	32.91 2.57 2.55	30.44 2.36 2.16	27.25 1.91 2.76	28.69 2.02 3.49	29.31 2.05 4.28	28.75 2.09 4.08	27.77 2.25 3.67	24.95 2.10 3.14	27.11 2.18 3.34	34.15 2.54 4.68	42.88 3.06 5.89	49.38 3.14 6.02	48.43 2.89 1.16	48.93 2.84 1.20	40.97 2.35 0.60	33.98 1.88 0.30	30.71 1.46 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	25.79 2.04 -0.86	21.59 1.59 -1.75	20.23 1.33 -2.07	19.29 1.29 -0.86	20.10 1.26 -2.41	22.27 1.61 0.00	31.79 2.11 0.00	33.40 2.96 2.46	30.91 2.75 2.07	31.14 2.30 -0.73	29.70 2.53 2.99	29.99 2.55 4.11	31.18 2.58 2.14	32.93 2.72 -1.02	32.82 2.49 -4.34	34.23 2.60 -3.36	36.10 2.98 3.16	43.66 3.61 5.66	50.14 3.66 5.79	48.89 3.32 1.11	49.41 3.26 1.16	41.19 2.55 0.58	34.19 2.07 0.29	30.86 1.61 0.00

E179THST_13_KV_LOAD 356214	25.88 2.13 -0.86	21.65 1.64 -1.75	20.28 1.38 -2.07	19.36 1.36 -0.86	20.15 1.31 -2.41	22.36 1.69 0.00	31.91 2.23 0.00	33.53 3.09 2.46	31.06 2.90 2.07	31.28 2.44 -0.73	29.86 2.68 2.99	30.15 2.71 4.11	31.33 2.74 2.14	33.08 2.86 -1.02	32.95 2.62 -4.34	34.37 2.74 -3.36	36.28 3.16 3.16	43.89 3.84 5.66	50.40 3.92 5.79	49.12 3.55 1.11	49.64 3.50 1.16	41.39 2.75 0.58	34.32 2.20 0.29	30.98 1.73 0.00
EAST HAMPTON___GT 23717	26.30 2.54 -0.87	21.91 1.90 -1.75	20.61 1.70 -2.08	19.62 1.61 -0.86	20.49 1.66 -2.41	22.78 2.11 -0.01	32.63 2.94 -0.01	33.87 3.42 2.45	31.19 3.02 2.07	28.15 2.53 2.48	29.41 2.59 3.35	30.07 2.65 4.12	29.79 2.89 3.84	29.04 3.13 3.28	26.27 2.91 2.62	34.83 2.83 -3.73	44.44 3.38 -4.77	47.01 4.16 2.85	59.47 4.76 -2.44	56.83 4.11 -6.03	58.41 4.07 -7.04	47.66 3.45 -4.98	43.22 2.43 -8.37	31.91 2.31 -0.35
EAST RIVER___6 23660	25.79 2.04 -0.86	21.56 1.55 -1.75	20.23 1.33 -2.07	19.33 1.32 -0.86	20.13 1.30 -2.41	22.32 1.65 0.00	32.00 2.32 0.00	33.59 3.16 2.46	31.06 2.90 2.07	31.22 2.47 -0.64	29.85 2.68 2.99	30.15 2.71 4.10	31.29 2.73 2.19	32.96 2.86 -0.90	32.77 2.65 -4.14	34.20 2.74 -3.18	36.29 3.19 3.19	43.90 3.84 5.65	50.40 3.92 5.79	49.12 3.55 1.11	49.69 3.55 1.16	41.47 2.83 0.58	34.42 2.30 0.29	31.07 1.81 0.00
EAST RIVER___7 23524	25.79 2.04 -0.86	21.56 1.55 -1.75	20.23 1.33 -2.07	19.33 1.32 -0.86	20.13 1.30 -2.41	22.32 1.65 0.00	32.00 2.32 0.00	33.59 3.16 2.46	31.06 2.90 2.07	31.22 2.47 -0.64	29.85 2.68 2.99	30.15 2.71 4.10	31.29 2.73 2.19	32.96 2.86 -0.90	32.77 2.65 -4.14	34.20 2.74 -3.18	36.29 3.19 3.19	43.90 3.84 5.65	50.40 3.92 5.79	49.12 3.55 1.11	49.69 3.55 1.16	41.47 2.83 0.58	34.42 2.30 0.29	31.07 1.81 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	25.56 1.81 -0.86	21.37 1.37 -1.74	20.09 1.19 -2.06	19.19 1.18 -0.85	19.98 1.15 -2.40	22.13 1.47 0.00	31.76 2.08 0.00	33.23 2.80 2.46	30.73 2.57 2.08	27.73 2.16 2.54	29.16 2.35 3.35	29.75 2.33 4.12	29.27 2.40 3.87	28.36 2.54 3.38	25.58 2.36 2.77	27.75 2.46 2.99	34.62 2.79 4.46	43.37 3.34 5.67	49.92 3.45 5.80	48.75 3.17 1.12	49.26 3.12 1.16	41.15 2.51 0.58	34.16 2.04 0.29	30.83 1.58 0.00
EAST_HAMPTON___DIESEL 23722	26.25 2.50 -0.87	21.88 1.86 -1.75	20.57 1.67 -2.08	19.59 1.58 -0.86	20.46 1.63 -2.41	22.74 2.07 -0.01	32.57 2.88 -0.01	33.80 3.36 2.45	31.14 2.96 2.07	28.09 2.47 2.48	29.35 2.53 3.35	30.01 2.59 4.12	29.73 2.83 3.84	28.98 3.06 3.28	26.20 2.83 2.62	34.77 2.77 -3.73	44.36 3.30 -4.77	46.92 4.07 2.85	59.32 4.60 -2.44	56.74 4.02 -6.03	58.31 3.97 -7.04	47.58 3.37 -4.98	43.15 2.36 -8.37	31.88 2.28 -0.35
EAST_POINT___SOLAR 323840	25.69 1.58 -1.22	21.93 1.19 -2.48	20.87 1.09 -2.94	19.52 1.15 -1.22	20.97 1.12 -3.43	22.32 1.65 0.00	31.85 2.17 0.00	34.27 2.86 1.48	30.50 1.51 1.25	27.15 0.65 1.60	28.77 0.63 2.02	29.76 0.69 2.48	28.93 0.55 2.36	27.86 0.79 2.12	25.02 0.86 1.81	27.42 1.07 1.93	34.78 1.20 2.71	44.63 2.33 3.41	53.12 4.34 3.48	51.06 5.04 0.67	51.90 5.30 0.70	43.03 4.16 0.35	35.54 3.31 0.18	31.91 2.66 0.00
EAST_PULASKI___ESR 323781	22.54 -0.44 -0.08	18.04 -0.38 -0.17	16.66 -0.37 -0.20	16.84 -0.39 -0.08	16.26 -0.39 -0.23	20.27 -0.39 0.00	29.15 -0.53 0.00	4.35 -0.63 27.91	6.56 -0.67 23.01	-2.01 -0.70 29.41	-7.86 -0.75 37.27	-14.92 -0.82 45.64	-13.60 -0.80 43.54	-11.54 -0.73 40.01	-8.87 -0.62 34.23	-8.85 -0.68 36.44	-14.50 -0.91 49.88	-18.21 -1.10 62.82	-13.06 -1.10 64.23	33.08 -1.26 12.36	33.18 -1.27 12.84	31.76 -1.06 6.40	28.32 -0.84 3.25	28.52 -0.73 0.00
EAST_RIVER___1 323558	25.79 2.04 -0.86	21.56 1.55 -1.75	20.23 1.33 -2.07	19.33 1.32 -0.86	20.13 1.30 -2.41	22.32 1.65 0.00	32.00 2.32 0.00	33.59 3.16 2.46	31.06 2.90 2.07	31.15 2.47 -0.57	29.84 2.68 3.00	30.15 2.71 4.10	31.25 2.73 2.22	32.89 2.89 -0.81	32.62 2.65 -3.99	34.09 2.77 -3.04	36.26 3.19 3.22	43.90 3.84 5.65	50.40 3.92 5.79	49.17 3.60 1.11	49.69 3.55 1.16	41.47 2.83 0.58	34.42 2.30 0.29	31.07 1.81 0.00
EAST_RIVER___2 323559	25.79 2.04 -0.86	21.56 1.55 -1.75	20.23 1.33 -2.07	19.33 1.32 -0.86	20.13 1.30 -2.41	22.32 1.65 0.00	32.00 2.32 0.00	33.59 3.16 2.46	31.06 2.90 2.07	31.22 2.47 -0.64	29.85 2.68 2.99	30.15 2.71 4.10	31.29 2.73 2.19	32.96 2.86 -0.90	32.77 2.65 -4.14	34.20 2.74 -3.18	36.29 3.19 3.19	43.90 3.84 5.65	50.40 3.92 5.79	49.12 3.55 1.11	49.69 3.55 1.16	41.47 2.83 0.58	34.42 2.30 0.29	31.07 1.81 0.00
EAST___DELAWARE_HYD 23607	25.36 1.69 -0.78	21.14 1.30 -1.58	19.82 1.11 -1.88	19.06 1.13 -0.78	19.73 1.12 -2.19	22.09 1.42 0.00	31.79 2.11 0.00	32.97 2.76 2.69	30.45 2.48 2.27	27.19 2.00 2.90	28.59 2.11 3.68	29.15 2.11 4.50	28.56 2.12 4.30	27.58 2.25 3.86	24.76 2.08 3.30	26.97 2.21 3.52	34.01 2.65 4.92	42.84 3.33 6.20	49.38 3.45 6.34	48.69 3.22 1.22	49.20 3.17 1.27	41.22 2.63 0.63	34.16 2.08 0.32	30.86 1.61 0.00
EIGHT_POINT___WT_PWR 323820	22.20 -0.89 -0.20	17.92 -0.75 -0.41	16.61 -0.71 -0.48	16.67 -0.69 -0.20	16.38 -0.61 -0.56	20.35 -0.31 0.00	29.05 -0.62 0.00	18.48 0.40 14.80	18.50 1.09 12.83	12.55 0.84 16.39	10.23 0.84 20.77	6.86 0.76 25.44	7.09 0.61 24.26	7.87 0.50 21.82	7.78 0.44 18.64	8.79 0.37 19.85	8.96 0.47 27.80	11.48 0.78 35.00	17.70 1.20 35.78	39.88 -0.09 6.72	40.27 -0.05 6.98	35.82 0.08 3.48	30.69 0.10 1.81	28.67 -0.58 0.00
ELBRIDGE_115KV_TB2 80188	22.47 -0.53 -0.11	18.02 -0.46 -0.22	16.65 -0.44 -0.26	16.83 -0.43 -0.11	16.31 -0.41 -0.30	20.27 -0.39 0.00	29.09 -0.59 0.00	5.10 -0.72 27.07	6.77 -0.63 22.83	-1.73 -0.65 29.19	-7.54 -0.72 36.98	-14.50 -0.76 45.29	-13.20 -0.74 43.20	-10.32 -0.67 38.85	-7.76 -0.55 33.20	-7.69 -0.62 35.34	-14.12 -0.91 49.50	-17.72 -1.10 62.33	-12.77 -1.31 63.74	32.89 -1.54 12.26	33.00 -1.56 12.74	31.57 -1.29 6.35	28.08 -1.10 3.22	28.32 -0.94 0.00
ELEC_TRO_TEK 24086	25.87 2.11 -0.88	21.70 1.68 -1.76	20.38 1.46 -2.09	19.45 1.44 -0.86	20.28 1.45 -2.41	22.52 1.84 -0.02	32.22 2.52 -0.02	33.78 3.32 2.44	31.26 3.08 2.06	28.65 2.70 2.15	29.74 2.90 3.32	30.20 2.78 4.12	30.06 2.98 3.67	29.36 2.98 2.81	26.84 2.73 1.87	40.57 2.77 -9.53	51.50 3.12 -12.09	48.66 3.61 0.65	54.03 3.76 2.01	61.61 3.46 -11.46	64.12 3.41 -13.42	51.26 2.82 -9.22	49.91 2.37 -15.14	31.80 1.93 -0.62
ELLENBURG_WT_PWR 323604	22.16 -0.73 0.00	17.77 -0.49 0.00	16.39 -0.44 0.00	16.69 -0.46 0.00	15.93 -0.49 0.00	19.73 -0.93 0.00	28.31 -1.36 0.00	18.28 -1.68 12.93	27.07 -1.57 1.59	24.81 -1.26 2.03	26.17 -1.42 2.57	26.94 -1.45 3.15	26.20 -1.54 3.01	9.96 -1.55 17.69	8.73 -1.38 15.87	9.99 -1.41 16.87	31.39 -1.45 3.44	39.95 -1.42 4.34	46.64 -1.20 4.44	45.00 -0.84 0.85	45.89 -0.52 0.89	38.35 -0.43 0.44	31.89 -0.29 0.22	29.05 -0.20 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	21.72 -1.33 -0.16	17.45 -1.13 -0.32	16.15 -1.06 -0.38	16.26 -1.05 -0.16	15.91 -0.95 -0.44	19.79 -0.87 0.00	28.08 -1.60 0.00	19.56 -0.43 12.91	19.29 -0.06 10.88	14.39 0.20 13.91	12.95 0.39 17.60	10.56 0.57 21.55	10.49 0.31 20.56	10.97 0.26 18.49	10.45 0.29 15.81	11.65 0.20 16.82	12.86 0.15 23.57	15.85 -0.18 29.68	21.14 -0.84 30.29	37.86 -3.36 5.47	37.77 -3.88 5.65	33.37 -3.02 2.83	28.92 -1.94 1.55	27.47 -1.78 0.00
EMPIRE_CC_1 323656	24.59 0.64 -1.06	20.94 0.53 -2.15	19.88 0.50 -2.55	18.74 0.53 -1.05	19.88 0.49 -2.96	21.28 0.62 0.00	30.45 0.77 0.00	32.06 0.92 1.75	29.52 0.76 1.47	26.72 0.51 1.88	28.23 0.45 2.39	29.00 0.38 2.92	28.44 0.49 2.79	27.36 0.67 2.51	24.59 0.75 2.14	26.70 0.71 2.28	33.42 0.33 3.20	41.91 0.23 4.02	48.63 0.47 4.11	46.60 0.70 0.79	47.09 0.61 0.82	39.36 0.55 0.41	32.62 0.42 0.21	29.66 0.41 0.00
EMPIRE_CC_2 323658	24.59 0.64 -1.06	20.94 0.53 -2.15	19.88 0.50 -2.55	18.74 0.53 -1.05	19.88 0.49 -2.96	21.28 0.62 0.00	30.45 0.77 0.00	32.06 0.92 1.75	29.52 0.76 1.47	26.72 0.51 1.88	28.23 0.45 2.39	29.00 0.38 2.92	28.44 0.49 2.79	27.36 0.67 2.51	24.59 0.75 2.14	26.70 0.71 2.28	33.42 0.33 3.20	41.91 0.23 4.02	48.63 0.47 4.11	46.60 0.70 0.79	47.09 0.61 0.82	39.36 0.55 0.41	32.62 0.42 0.21	29.66 0.41 0.00
ENORWICH_115KV_TB1 80156	24.10 0.92 -0.30	19.58 0.71 -0.60	18.17 0.62 -0.72	18.08 0.63 -0.30	17.91 0.66 -0.83	21.80 1.14 0.00	31.40 1.72 0.00	18.22 2.76 17.43	17.71 2.18 14.71	10.68 1.38 18.80	7.85 1.51 23.82	3.79 1.42 29.17	4.05 1.14 27.82	5.17 0.99 25.02	5.61 1.01 21.38	6.67 1.16 22.76	6.04 1.63 31.88	8.07 2.51 40.15	14.62 3.40 41.05	41.62 2.80 7.87	42.14 3.03 8.18	37.57 2.43 4.08	32.28 1.94 2.08	30.66 1.40 0.00
ERIE_ST__34_KV_TB1-2 80199	21.56 -1.49 -0.16	17.33 -1.26 -0.33	16.04 -1.18 -0.39	16.15 -1.17 -0.16	15.83 -1.05 -0.45	19.98 -0.68 0.00	28.37 -1.31 0.00	20.46 0.62 13.05	20.13 0.91 11.01	15.07 1.04 14.08	13.60 1.30 17.85	11.19 1.51 21.86	11.11 1.23 20.86	11.61 1.17 18.75	11.07 1.09 16.01	12.29 1.07 17.06	13.73 1.31 23.86	16.98 1.33 30.04	22.51 0.94 30.70	39.84 -1.77 5.08	39.73 -2.27 5.30	34.89 -1.69 2.64	29.97 -0.88 1.56	27.73 -1.52 0.00
ERIE_WT_PWR 323693	21.77 -1.28 -0.16	17.47 -1.11 -0.32	16.19 -1.03 -0.39	16.28 -1.03 -0.16	15.95 -0.92 -0.45	19.90 -0.76 0.00	28.23 -1.45 0.00	19.77 -0.10 13.02	14.49 0.24 10.98	13.03 0.66 14.04	10.58 0.82 17.79	10.51 0.55 21.78	11.01 0.50 20.78	10.51 0.49 18.69	11.73 0.45 15.96	12.97 0.47 17.00	16.02 0.28 23.79	21.41 -0.26 29.95	38.30 -2.85 30.60	38.35 -3.22 5.54	33.88 -2.47 5.74	29.30 -1.56 2.87	27.61 -1.64 1.56	
ESPRGFLD_115KV_TB1 80157	24.09 1.19 -0.02	19.19 0.89 -0.03	17.67 0.81 -0.04	18.01 0.84 -0.01	17.29 0.82 -0.04	21.88 1.22 0.00	31.37 1.69 0.00	36.11 4.70 1.48	32.44 3.45 1.25	28.76 2.25 1.60	30.58 2.44 2.02	31.62 2.55 2.48	30.65 2.27 2.36	29.35 2.28 2.12	26.38 2.21 1.81	28.89 2.54 1.93	36.77 3.19 2.71	47.19 4.89 3.41	55.74 6.95 3.48	52.88 6.86 0.67	53.65 7.05 0.70	44.36 5.49 0.35	36.61 4.38 0.18	32.76 3.51 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	23.30 0.18 -0.23	18.81 0.09 -0.46	17.44 0.07 -0.54	17.46 0.09 -0.22	17.15 0.10 -0.63	20.97 0.31 0.00	30.12 0.45 0.00	14.32 0.89 19.46	14.54 0.73 16.42	7.61 0.51 21.00	4.04 0.48 26.60	-0.63 0.41 32.58	0.03 0.37 31.07	1.63 0.38 27.94	2.52 0.42 23.88	3.31 0.45 25.42	1.22 0.54 35.61	1.64 0.78 44.84	7.37 0.94 45.84	38.40 0.51 8.80	38.68 0.52 9.15	35.09 0.43 4.56	30.38 0.29 2.32	29.37 0.12 0.00
ETNA____115KV_TB2 80207	23.30 0.18 -0.23	18.81 0.09 -0.46	17.44 0.07 -0.54	17.46 0.09 -0.22	17.15 0.10 -0.63	20.97 0.31 0.00	30.12 0.45 0.00	14.32 0.89 19.46	14.54 0.73 16.42	7.61 0.51 21.00	4.04 0.48 26.60	-0.63 0.41 32.58	0.03 0.37 31.07	1.63 0.38 27.94	2.52 0.42 23.88	3.31 0.45 25.42	1.22 0.54 35.61	1.64 0.78 44.84	7.37 0.94 45.84	38.40 0.51 8.80	38.68 0.52 9.15	35.09 0.43 4.56	30.38 0.29 2.32	29.37 0.12 0.00
EUCLID__115KV_TB2 356179	22.60 -0.39 -0.10	18.11 -0.35 -0.20	16.73 -0.34 -0.24	16.91 -0.34 -0.10	16.39 -0.31 -0.28	20.37 -0.29 0.00	29.26 -0.42 0.00	6.47 -0.39 26.03	7.96 -0.33 21.95	-0.32 -0.37 28.06	-5.78 -0.39 35.55	-12.44 -0.44 43.54	-11.19 -0.40 41.53	-8.47 -0.32 37.34	-6.19 -0.26 31.91	-6.01 -0.31 33.97	-11.81 -0.51 47.58	-14.99 -0.78 59.92	-9.94 -0.94 61.27	33.74 -1.17 11.79	33.82 -1.23 12.25	32.09 -1.02 6.11	28.44 -0.88 3.10	28.49 -0.76 0.00
E_CANADA_CAP_HY 24051	25.60 1.44 -1.27	21.94 1.10 -2.58	20.88 0.99 -3.06	19.46 1.05 -1.26	21.00 1.02 -3.56	22.15 1.49 0.00	31.67 1.99 0.00	34.83 3.42 1.48	31.32 2.33 1.25	27.91 1.40 1.60	29.59 1.45 2.02	30.61 1.55 2.48	29.76 1.38 2.36	28.56 1.49 2.12	25.65 1.48 1.81	28.10 1.75 1.93	35.65 2.07 2.71	45.63 3.33 3.41	53.81 5.02 3.48	51.25 5.23 0.67	51.99 5.39 0.70	43.07 4.20 0.35	35.64 3.40 0.18	32.00 2.75 0.00
E_CANADA_MHWK_HY 24050	22.39 -0.50 0.00	17.84 -0.42 0.00	16.44 -0.39 0.00	16.78 -0.38 0.00	16.08 -0.35 0.00	20.23 -0.43 0.00	29.05 -0.62 0.00	30.23 -0.69 1.97	27.43 -0.67 2.15	24.63 -0.73 2.74	25.96 -0.72 3.47	26.46 -0.82 4.26	25.85 -0.83 4.06	25.60 -0.73 2.87	22.87 -0.70 2.41	24.94 -0.76 2.57	30.58 -1.05 4.65	38.57 -1.28 5.86	44.98 -1.30 5.99	44.56 -0.98 1.15	45.20 -0.90 1.20	37.92 -0.70 0.60	31.62 -0.49 0.30	28.81 -0.44 0.00
E_FISHKILL__LBMP 23776	25.37 1.60 -0.88	21.26 1.22 -1.78	20.00 1.06 -2.11	19.09 1.06 -0.87	19.91 1.03 -2.46	21.98 1.32 0.00	31.52 1.84 0.00	32.95 2.47 2.41	30.47 2.27 2.03	27.36 1.85 2.60	28.89 2.02 3.29	29.52 2.02 4.03	28.95 2.06 3.85	27.95 2.22 3.46	25.08 2.05 2.96	27.25 2.12 3.15	34.24 2.36 4.41	42.98 2.83 5.55	49.47 2.87 5.68	48.26 2.66 1.09	48.81 2.65 1.14	40.77 2.12 0.57	33.84 1.72 0.29	30.63 1.37 0.00
FALCON__SEABRD_CC1 323796	22.34 -0.55 0.00	17.91 -0.35 0.00	16.54 -0.29 0.00	16.84 -0.31 0.00	16.08 -0.35 0.00	19.92 -0.74 0.00	28.55 -1.13 0.00	18.60 -1.35 12.94	27.35 -1.27 1.62	25.02 -1.01 2.07	26.39 -1.15 2.62	27.13 -1.20 3.21	26.39 -1.29 3.06	10.21 -1.28 17.70	8.96 -1.14 15.88	10.24 -1.16 16.88	31.65 -1.13 3.51	40.28 -1.01 4.42	47.13 -0.62 4.52	45.45 -0.38 0.87	46.40 0.00 0.90	38.77 0.00 0.45	32.25 0.06 0.23	29.37 0.12 0.00
FALCON__SEABRD_CC2 323797	22.34 -0.55 0.00	17.91 -0.35 0.00	16.54 -0.29 0.00	16.84 -0.31 0.00	16.08 -0.35 0.00	19.92 -0.74 0.00	28.55 -1.13 0.00	18.60 -1.35 12.94	27.35 -1.27 1.62	25.02 -1.01 2.07	26.39 -1.15 2.62	27.13 -1.20 3.21	26.39 -1.29 3.06	10.21 -1.28 17.70	8.96 -1.14 15.88	10.24 -1.16 16.88	31.65 -1.13 3.51	40.28 -1.01 4.42	47.13 -0.62 4.52	45.45 -0.38 0.87	46.40 0.00 0.90	38.77 0.00 0.45	32.25 0.06 0.23	29.37 0.12 0.00

FAR ROCKAWAY___4 23548	26.19 2.43 -0.88	21.94 1.92 -1.76	20.60 1.68 -2.08	19.64 1.63 -0.86	20.48 1.64 -2.41	22.78 2.11 -0.01	32.60 2.91 -0.01	34.20 3.75 2.44	31.65 3.48 2.06	28.92 3.04 2.21	30.12 3.29 3.32	30.61 3.19 4.12	30.39 3.35 3.70	29.62 3.33 2.91	27.01 3.04 2.02	39.81 3.14 -8.39	50.57 3.63 -10.66	48.92 4.30 1.08	54.54 4.60 2.33	61.18 4.11 -10.39	63.58 4.12 -12.17	50.97 3.37 -8.38	49.04 2.82 -13.82	32.13 2.31 -0.56
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	25.79 2.04 -0.86	21.56 1.55 -1.74	20.23 1.33 -2.07	19.33 1.32 -0.86	20.13 1.30 -2.41	22.31 1.65 0.00	31.99 2.32 0.00	33.59 3.16 2.46	31.09 2.93 2.07	31.31 2.47 -0.74	29.86 2.68 2.98	30.15 2.71 4.10	31.34 2.74 2.14	33.11 2.89 -1.03	33.01 2.68 -4.35	34.41 2.77 -3.37	36.36 3.23 3.15	43.94 3.88 5.65	50.45 3.97 5.79	49.17 3.60 1.11	49.74 3.59 1.16	41.51 2.86 0.58	34.42 2.30 0.29	31.07 1.81 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	25.79 2.04 -0.86	21.56 1.55 -1.75	20.24 1.35 -2.07	19.33 1.32 -0.86	20.13 1.30 -2.41	22.31 1.65 0.00	31.99 2.32 0.00	33.59 3.16 2.46	31.09 2.93 2.07	31.31 2.47 -0.74	29.86 2.68 2.98	30.15 2.71 4.10	31.34 2.74 2.14	33.11 2.89 -1.03	32.98 2.65 -4.35	34.41 2.77 -3.37	36.36 3.23 3.15	43.90 3.84 5.65	50.45 3.97 5.79	49.17 3.60 1.11	49.74 3.59 1.16	41.51 2.86 0.58	34.42 2.30 0.29	31.07 1.81 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	25.76 2.01 -0.86	21.56 1.55 -1.75	20.23 1.33 -2.07	19.33 1.32 -0.86	20.11 1.28 -2.41	22.31 1.65 0.00	31.99 2.32 0.00	33.59 3.16 2.46	31.06 2.90 2.07	31.31 2.47 -0.74	29.86 2.68 2.98	30.12 2.68 4.10	31.34 2.74 2.14	33.09 2.86 -1.03	32.98 2.65 -4.35	34.41 2.77 -3.37	36.33 3.19 3.15	43.90 3.84 5.65	50.40 3.92 5.79	49.12 3.55 1.11	49.69 3.55 1.16	41.47 2.82 0.58	34.38 2.27 0.29	31.04 1.78 0.00
FARRAGUT___LBMP 323566	25.76 2.01 -0.86	21.54 1.53 -1.75	20.21 1.31 -2.07	19.31 1.30 -0.86	20.11 1.28 -2.41	22.29 1.63 0.00	31.96 2.29 0.00	33.56 3.12 2.46	31.03 2.87 2.07	31.28 2.44 -0.74	29.83 2.65 2.98	30.09 2.65 4.10	31.31 2.71 2.14	33.06 2.83 -1.03	32.95 2.62 -4.35	34.38 2.74 -3.37	36.29 3.16 3.15	43.85 3.79 5.65	50.35 3.87 5.79	49.12 3.55 1.11	49.64 3.50 1.16	41.43 2.78 0.58	34.38 2.27 0.29	31.04 1.78 0.00
FENNER___WINDPWR 24204	23.25 0.23 -0.13	18.67 0.15 -0.26	17.27 0.13 -0.31	17.40 0.12 -0.13	16.92 0.13 -0.36	20.95 0.29 0.00	30.13 0.45 0.00	16.51 0.72 17.10	16.38 0.57 14.42	9.97 0.31 18.44	7.13 0.33 23.36	3.21 0.28 28.61	3.72 0.28 27.30	4.95 0.29 24.54	5.32 0.31 20.97	6.29 0.34 22.33	5.41 0.40 31.27	6.87 0.55 39.38	12.79 0.79 40.27	39.51 0.56 7.75	39.86 0.61 8.05	35.68 0.47 4.01	30.70 0.32 2.04	29.48 0.23 0.00
FIBERTEK___ENERGY 23856	22.65 -0.34 -0.11	18.17 -0.31 -0.22	16.78 -0.30 -0.26	16.97 -0.29 -0.11	16.44 -0.28 -0.30	20.43 -0.23 0.00	29.35 -0.33 0.00	5.49 -0.36 27.04	7.10 -0.33 22.80	-1.38 -0.34 29.15	-7.16 -0.39 36.93	-14.13 -0.44 45.23	-12.80 -0.40 43.14	-9.92 -0.32 38.79	-7.43 -0.26 33.15	-7.30 -0.28 35.29	-13.65 -0.51 49.43	-17.23 -0.69 62.25	-12.21 -0.84 63.65	33.42 -1.03 12.24	33.49 -1.09 12.73	31.97 -0.90 6.34	28.41 -0.78 3.22	28.58 -0.67 0.00
FITZPATRICK___ 23598	22.12 -0.85 -0.07	17.70 -0.71 -0.15	16.35 -0.66 -0.18	16.56 -0.67 -0.07	16.01 -0.62 -0.21	19.94 -0.72 0.00	28.61 -1.07 0.00	-9.96 -1.28 41.57	-6.00 -1.18 35.06	-17.84 -1.12 44.82	-27.83 -1.21 56.78	-39.26 -1.26 69.54	-36.83 -1.23 66.33	-31.59 -1.14 59.65	-25.97 -0.99 50.97	-27.06 -1.07 54.26	-41.21 -1.49 76.00	-51.97 -1.96 95.71	-47.89 -2.30 97.86	25.58 -2.29 18.83	25.42 -2.32 19.57	27.54 -1.92 9.75	25.87 -1.59 4.95	27.91 -1.35 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	25.56 1.81 -0.86	21.39 1.39 -1.75	20.09 1.19 -2.07	19.21 1.20 -0.86	20.03 1.20 -2.41	22.17 1.51 0.00	31.85 2.17 0.00	33.30 2.86 2.45	30.76 2.60 2.08	27.55 2.11 2.66	28.99 2.20 3.37	29.65 2.24 4.13	29.11 2.31 3.94	28.11 2.45 3.54	25.24 2.29 3.03	27.43 2.38 3.22	34.57 2.79 4.51	43.40 3.38 5.68	49.96 3.50 5.81	48.84 3.27 1.12	49.36 3.22 1.16	41.27 2.63 0.58	34.22 2.11 0.29	30.92 1.67 0.00
FORT ORANGE___ 23900	24.51 0.53 -1.09	20.97 0.49 -2.21	19.92 0.47 -2.62	18.72 0.48 -1.08	19.94 0.46 -3.05	21.28 0.62 0.00	30.51 0.83 0.00	32.08 0.82 1.64	29.49 0.64 1.38	26.73 0.39 1.76	28.23 0.30 2.23	29.06 0.25 2.73	28.47 0.34 2.61	27.35 0.50 2.34	24.55 0.57 2.00	26.68 0.54 2.13	33.66 0.36 2.99	42.27 0.32 3.76	48.95 0.52 3.85	46.65 0.70 0.74	47.15 0.61 0.77	39.38 0.55 0.38	32.61 0.39 0.19	29.63 0.38 0.00
FORT_DRUM_COGEN 23780	22.86 -0.09 -0.06	18.31 -0.07 -0.12	16.88 -0.08 -0.14	16.99 -0.22 -0.06	16.41 -0.18 -0.16	20.54 -0.12 0.00	29.65 -0.03 0.00	13.48 0.03 19.45	15.31 -0.33 14.60	8.63 -0.81 18.66	5.67 -0.84 23.64	1.67 -0.91 28.96	2.13 -0.98 27.62	0.61 -0.85 27.74	1.32 -0.81 23.85	2.07 -0.82 25.39	3.70 -0.94 31.65	5.08 -0.78 39.85	11.47 -0.05 40.75	38.90 0.05 7.84	39.39 0.24 8.15	35.31 0.16 4.06	30.45 0.10 2.06	29.34 0.09 0.00
FOX_HILLS___ESR 323835	25.92 2.17 -0.86	21.65 1.64 -1.75	20.28 1.38 -2.07	19.36 1.36 -0.86	20.16 1.33 -2.41	22.34 1.67 0.00	31.99 2.32 0.00	33.63 3.19 2.46	31.13 2.96 2.07	32.06 2.47 -1.48	29.95 2.68 2.90	30.22 2.78 4.09	31.73 2.74 1.74	34.12 2.89 -2.03	34.60 2.65 -5.96	35.88 2.80 -4.81	36.66 3.23 2.86	44.04 3.98 5.64	50.56 4.08 5.79	49.26 3.69 1.11	49.79 3.64 1.16	41.51 2.86 0.58	34.48 2.37 0.29	31.12 1.87 0.00
FPL_FAR_ROCK_GT1 24212	26.20 2.43 -0.88	21.92 1.90 -1.76	20.60 1.68 -2.08	19.64 1.63 -0.86	20.48 1.64 -2.41	22.76 2.09 -0.01	32.60 2.91 -0.01	34.20 3.75 2.44	31.65 3.48 2.06	28.93 3.04 2.21	30.12 3.29 3.32	30.61 3.18 4.12	30.39 3.35 3.70	29.62 3.33 2.91	27.00 3.04 2.02	39.81 3.14 -8.39	50.57 3.63 -10.66	48.92 4.29 1.08	54.54 4.60 2.33	61.19 4.11 -10.39	63.58 4.11 -12.17	50.97 3.37 -8.38	49.04 2.82 -13.82	32.13 2.31 -0.56
FPL_FAR_ROCK_GT2 23815	26.20 2.43 -0.88	21.92 1.90 -1.76	20.60 1.68 -2.08	19.64 1.63 -0.86	20.48 1.64 -2.41	22.76 2.09 -0.01	32.60 2.91 -0.01	34.20 3.75 2.44	31.65 3.48 2.06	28.93 3.04 2.21	30.12 3.29 3.32	30.61 3.18 4.12	30.39 3.35 3.70	29.62 3.33 2.91	27.00 3.04 2.02	39.81 3.14 -8.39	50.57 3.63 -10.66	48.92 4.29 1.08	54.54 4.60 2.33	61.19 4.11 -10.39	63.58 4.11 -12.17	50.97 3.37 -8.38	49.04 2.82 -13.82	32.13 2.31 -0.56
FRANKLIN_FALL_HYD 24054	22.25 -0.64 0.00	17.84 -0.42 0.00	16.49 -0.34 0.00	16.78 -0.38 0.00	16.03 -0.39 0.00	19.86 -0.81 0.00	28.49 -1.19 0.00	18.32 -1.45 13.12	26.44 -1.42 2.38	23.91 -1.15 3.04	24.98 -1.33 3.85	25.46 -1.36 4.72	24.79 -1.44 4.50	9.74 -1.43 18.02	8.60 -1.27 16.11	9.86 -1.30 17.12	29.79 -1.34 5.16	37.93 -1.28 6.50	44.69 -0.94 6.64	44.85 -0.56 1.28	45.88 -0.09 1.33	38.44 -0.12 0.66	32.07 0.00 0.34	29.25 0.00 0.00

FREEPORT_EQUS_GT1 23764	26.10	21.84	20.51	19.57	20.41	22.68	32.48	34.07	31.50	28.67	29.93	30.45	30.18	29.35	26.65	37.77	47.97	48.01	53.84	59.21	61.27	49.39	46.67	31.95
	2.34	1.83	1.60	1.56	1.58	2.00	2.79	3.62	3.33	2.90	3.11	3.03	3.20	3.21	2.94	3.03	3.45	4.12	4.39	3.97	3.92	3.22	2.69	2.22
	-0.88	-1.76	-2.08	-0.86	-2.41	-0.01	-0.01	2.44	2.06	2.32	3.33	4.12	3.76	3.06	2.27	-6.47	-8.23	1.81	2.82	-8.56	-10.05	-6.96	-11.57	-0.47
FREEPORT___CT2 23818	26.10	21.84	20.51	19.57	20.41	22.68	32.48	34.07	31.50	28.67	29.93	30.45	30.18	29.35	26.65	37.77	47.97	48.01	53.84	59.21	61.27	49.39	46.67	31.95
	2.34	1.83	1.60	1.56	1.58	2.00	2.79	3.62	3.33	2.90	3.11	3.03	3.20	3.21	2.94	3.03	3.45	4.12	4.39	3.97	3.92	3.22	2.69	2.22
	-0.88	-1.76	-2.08	-0.86	-2.41	-0.01	-0.01	2.44	2.06	2.32	3.33	4.12	3.76	3.06	2.27	-6.47	-8.23	1.81	2.82	-8.56	-10.05	-6.96	-11.57	-0.47
FRESHKLS_33_KV_LOAD 356253	25.97	21.69	20.31	19.40	20.18	22.36	31.99	33.63	31.09	31.24	29.75	30.16	31.26	33.04	32.91	34.36	36.26	43.93	44.09	44.08	44.13	41.47	34.55	31.15
	2.22	1.68	1.41	1.39	1.35	1.69	2.32	3.19	2.93	2.39	2.56	2.71	2.64	2.80	2.57	2.71	3.12	3.88	3.92	3.60	3.59	2.82	2.43	1.90
	-0.86	-1.75	-2.07	-0.86	-2.41	0.00	0.00	2.46	2.07	-0.74	2.97	4.09	2.13	-1.04	-4.36	-3.37	3.15	5.66	12.10	6.21	6.77	0.58	0.29	0.00
FULTON COGEN____ 23766	22.34	17.89	16.52	16.71	16.17	20.15	28.91	1.79	3.94	-5.07	-11.78	-19.70	-18.13	-14.75	-11.56	-11.71	-19.80	-24.97	-20.18	31.23	31.28	30.64	27.55	28.14
	-0.64	-0.55	-0.52	-0.53	-0.51	-0.52	-0.77	-0.89	-0.82	-0.59	-0.66	-0.69	-0.65	-0.58	-0.49	-0.54	-0.83	-1.10	-1.31	-1.77	-1.80	-1.49	-1.26	-1.11
	-0.09	-0.18	-0.22	-0.09	-0.25	0.00	0.00	30.22	25.48	32.58	41.27	50.55	48.22	43.36	37.05	39.45	55.25	69.58	71.14	13.69	14.23	7.09	3.60	0.00
FULTON___LFGE 323630	25.47	21.76	20.69	19.35	20.79	22.09	31.67	34.34	30.98	27.74	29.38	30.36	29.58	28.39	25.47	27.87	35.36	45.13	52.97	50.36	51.05	42.36	34.99	31.50
	1.37	1.04	0.94	0.99	0.97	1.42	1.99	2.93	2.00	1.24	1.24	1.29	1.20	1.32	1.30	1.53	1.78	2.83	4.18	4.34	4.44	3.49	2.75	2.25
	-1.21	-2.46	-2.92	-1.21	-3.39	0.00	0.00	1.48	1.25	1.60	2.02	2.48	2.36	2.12	1.81	1.93	2.71	3.41	3.48	0.67	0.70	0.35	0.18	0.00
G.F.CEMENT___DRP 24184	25.02	21.29	20.23	19.01	20.28	21.72	31.28	33.29	30.39	27.44	28.95	29.87	29.23	28.09	25.20	27.50	34.73	43.93	50.98	48.34	48.91	40.71	33.59	30.30
	1.01	0.75	0.69	0.74	0.71	1.05	1.60	1.91	1.42	0.96	0.84	0.85	0.89	1.05	1.07	1.19	1.20	1.69	2.25	2.33	2.32	1.84	1.36	1.05
	-1.13	-2.28	-2.71	-1.12	-3.15	0.00	0.00	1.51	1.27	1.62	2.06	2.52	2.40	2.16	1.85	1.96	2.75	3.46	3.54	0.68	0.71	0.35	0.18	0.00
GARDENVILLE___LBMP 24039	21.74	17.45	16.17	16.27	15.93	19.86	28.17	3.69	19.42	14.45	12.98	10.53	10.49	10.96	10.46	11.68	12.89	15.92	21.25	38.10	38.06	33.64	29.17	27.56
	-1.30	-1.13	-1.04	-1.05	-0.94	-0.81	-1.51	-0.20	0.15	0.37	0.57	0.73	0.49	0.41	0.42	0.37	0.36	0.14	-0.47	-3.03	-3.50	-2.71	-1.69	-1.70
	-0.16	-0.32	-0.38	-0.16	-0.45	0.00	0.00	13.01	10.97	14.02	17.75	21.74	20.74	18.65	15.94	16.97	23.76	29.92	30.55	5.56	5.75	2.87	1.56	0.00
GARDNVLA_35_KV_LD 355827	21.79	17.49	16.21	16.30	15.97	19.92	28.25	19.77	19.49	14.51	13.05	10.59	10.53	11.02	10.53	11.74	12.99	16.05	21.39	38.35	38.26	33.81	29.26	27.64
	-1.26	-1.10	-1.01	-1.01	-0.90	-0.74	-1.42	-0.10	0.24	0.45	0.69	0.85	0.58	0.53	0.52	0.48	0.51	0.32	-0.26	-2.80	-3.31	-2.55	-1.59	-1.61
	-0.16	-0.33	-0.39	-0.16	-0.45	0.00	0.00	13.02	10.99	14.04	17.80	21.80	20.79	18.70	15.97	17.01	23.80	29.97	30.62	5.54	5.73	2.86	1.56	0.00
GELCKHM___115KV_LOAD 80723	22.62	18.12	16.73	16.93	16.39	20.39	29.29	5.95	7.48	-0.92	-6.53	-13.32	-12.03	-9.25	-6.83	-6.69	-12.80	-16.16	-11.12	33.55	33.62	32.01	28.41	28.52
	-0.37	-0.35	-0.34	-0.33	-0.31	-0.27	-0.39	-0.39	-0.36	-0.39	-0.42	-0.44	-0.40	-0.35	-0.26	-0.31	-0.54	-0.73	-0.89	-1.12	-1.18	-0.98	-0.84	-0.73
	-0.10	-0.20	-0.24	-0.10	-0.28	0.00	0.00	26.55	22.39	28.62	36.26	44.41	42.37	38.10	32.55	34.66	48.54	61.13	62.51	12.02	12.50	6.23	3.16	0.00
GENERAL___MILLS 23808	21.74	17.47	16.17	16.28	15.95	19.90	28.23	19.74	19.47	14.52	13.04	10.58	10.51	11.01	10.52	11.70	12.97	16.02	21.36	38.25	38.16	33.77	29.23	27.61
	-1.30	-1.11	-1.04	-1.03	-0.92	-0.76	-1.45	-0.13	0.21	0.45	0.66	0.82	0.55	0.50	0.49	0.42	0.47	0.27	-0.31	-2.89	-3.41	-2.59	-1.62	-1.64
	-0.16	-0.32	-0.39	-0.16	-0.45	0.00	0.00	13.02	10.98	14.04	17.79	21.78	20.78	18.69	15.96	17.00	23.79	29.96	30.60	5.54	5.74	2.87	1.56	0.00
GE_PLASTICS___DRP 24183	24.52	20.93	19.87	18.69	19.90	21.24	30.45	32.08	29.53	26.81	28.33	29.16	28.57	27.42	24.59	26.72	33.67	42.28	48.87	46.54	47.08	39.34	32.60	29.63
	0.55	0.47	0.44	0.46	0.44	0.58	0.77	0.86	0.70	0.51	0.45	0.41	0.49	0.61	0.65	0.62	0.44	0.41	0.52	0.61	0.57	0.51	0.39	0.38
	-1.08	-2.19	-2.60	-1.08	-3.03	0.00	0.00	1.67	1.41	1.80	2.28	2.79	2.66	2.39	2.05	2.18	3.05	3.84	3.93	0.76	0.79	0.39	0.20	0.00
GILBOA___1 23756	24.43	20.53	19.43	18.56	19.35	21.28	30.51	30.93	28.63	25.56	26.76	27.17	26.65	25.71	23.11	25.18	31.52	39.61	45.96	46.18	46.70	39.28	32.69	29.81
	0.69	0.53	0.54	0.55	0.53	0.62	0.83	1.12	1.00	0.79	0.81	0.79	0.83	0.93	0.91	0.93	0.87	1.00	0.94	0.88	0.85	0.78	0.65	0.55
	-0.86	-1.74	-2.06	-0.85	-2.40	0.00	0.00	3.08	2.60	3.32	4.21	5.16	4.92	4.42	3.78	4.02	5.64	7.10	7.26	1.40	1.45	0.72	0.37	0.00
GILBOA___2 23757	24.43	20.53	19.43	18.56	19.35	21.28	30.51	30.93	28.63	25.56	26.76	27.17	26.65	25.71	23.11	25.18	31.52	39.61	45.96	46.18	46.70	39.28	32.69	29.81
	0.69	0.53	0.54	0.55	0.53	0.62	0.83	1.12	1.00	0.79	0.81	0.79	0.83	0.93	0.91	0.93	0.87	1.00	0.94	0.88	0.85	0.78	0.65	0.55
	-0.86	-1.74	-2.06	-0.85	-2.40	0.00	0.00	3.08	2.60	3.32	4.21	5.16	4.92	4.42	3.78	4.02	5.64	7.10	7.26	1.40	1.45	0.72	0.37	0.00
GILBOA___3 23758	24.43	20.53	19.43	18.56	19.35	21.28	30.51	30.93	28.63	25.56	26.76	27.17	26.65	25.71	23.11	25.18	31.52	39.61	45.96	46.18	46.70	39.28	32.69	29.81
	0.69	0.53	0.54	0.55	0.53	0.62	0.83	1.12	1.00	0.79	0.81	0.79	0.83	0.93	0.91	0.93	0.87	1.00	0.94	0.88	0.85	0.78	0.65	0.55
	-0.86	-1.74	-2.06	-0.85	-2.40	0.00	0.00	3.08	2.60	3.32	4.21	5.16	4.92	4.42	3.78	4.02	5.64	7.10	7.26	1.40	1.45	0.72	0.37	0.00
GILBOA___4 23759	24.43	20.53	19.43	18.56	19.35	21.28	30.51	30.93	28.63	25.56	26.76	27.17	26.65	25.71	23.11	25.18	31.52	39.61	45.96	46.18	46.70	39.28	32.69	29.81
	0.69	0.53	0.54	0.55	0.53	0.62	0.83	1.12	1.00	0.79	0.81	0.79	0.83	0.93	0.91	0.93	0.87	1.00	0.94	0.88	0.85	0.78	0.65	0.55
	-0.86	-1.74	-2.06	-0.85	-2.40	0.00	0.00	3.08	2.60	3.32	4.21	5.16	4.92	4.42	3.78	4.02	5.64	7.10	7.26	1.40	1.45	0.72	0.37	0.00

GILBOA____ 23599	24.43 0.69 -0.86	20.53 0.53 -1.74	19.43 0.54 -2.06	18.56 0.55 -0.85	19.35 0.53 -2.40	21.28 0.62 0.00	30.51 0.83 0.00	30.93 1.12 3.08	28.63 1.00 2.60	25.57 0.79 3.32	26.76 0.81 4.21	27.17 0.79 5.16	26.65 0.83 4.92	25.71 0.93 4.42	23.11 0.91 3.78	25.18 0.93 4.02	31.52 0.87 5.64	39.61 1.01 7.10	45.96 0.94 7.26	46.18 0.89 1.40	46.70 0.85 1.45	39.28 0.78 0.72	32.69 0.65 0.37	29.81 0.56 0.00
GINNA____ 23603	21.35 -1.65 -0.11	17.10 -1.39 -0.23	15.77 -1.33 -0.27	16.00 -1.27 -0.11	15.52 -1.22 -0.32	19.22 -1.45 0.00	27.57 -2.11 0.00	17.65 -2.11 13.14	17.35 -1.81 11.08	12.34 -1.60 14.16	10.50 -1.72 17.94	7.86 -1.70 21.98	8.06 -1.72 20.96	8.68 -1.66 18.85	8.47 -1.40 16.11	9.57 -1.56 17.15	10.16 -2.11 24.02	12.58 -2.88 30.24	17.89 -3.45 30.93	36.38 -4.34 5.97	36.61 -4.49 6.20	32.44 -3.69 3.09	27.93 -2.92 1.56	26.79 -2.46 0.00
GLEN PARK____ 23778	22.90 -0.05 -0.06	18.35 -0.04 -0.12	16.92 -0.05 -0.14	17.02 -0.19 -0.06	16.46 -0.13 -0.17	20.62 -0.04 0.00	29.77 0.09 0.00	12.98 0.13 20.04	14.74 -0.30 15.19	7.89 -0.79 19.43	4.70 -0.84 24.61	0.48 -0.92 30.14	1.00 -0.98 28.75	-0.28 -0.88 28.60	0.60 -0.81 24.58	1.29 -0.82 26.16	2.44 -0.91 32.94	3.54 -0.68 41.48	9.96 0.10 42.42	38.72 0.19 8.16	39.24 0.42 8.48	35.27 0.28 4.23	30.46 0.20 2.14	29.40 0.15 0.00
GLENDALE_27_KV_LOAD 356172	25.88 2.13 -0.86	21.65 1.64 -1.75	20.30 1.40 -2.07	19.38 1.37 -0.86	20.16 1.33 -2.41	22.38 1.71 0.00	32.02 2.34 0.00	33.69 3.26 2.46	31.19 3.02 2.07	32.17 2.59 -1.48	30.07 2.80 2.90	30.28 2.84 4.09	31.86 2.86 1.74	34.20 2.98 -2.03	34.70 2.75 -5.96	35.97 2.88 -4.81	36.77 3.34 2.86	44.13 4.07 5.64	50.66 4.18 5.79	49.36 3.78 1.11	49.88 3.74 1.16	41.54 2.90 0.58	34.48 2.37 0.29	31.09 1.84 0.00
GLENWOOD_IC_1_G5 23712	25.90 2.13 -0.88	21.67 1.64 -1.76	20.34 1.43 -2.08	19.42 1.41 -0.86	20.25 1.41 -2.41	22.47 1.80 -0.02	32.19 2.49 -0.02	33.74 3.29 2.44	31.23 3.05 2.06	28.58 2.64 2.16	29.68 2.83 3.32	30.20 2.78 4.12	29.99 2.92 3.67	29.37 3.01 2.83	26.83 2.75 1.90	40.41 2.86 -9.28	51.33 3.27 -11.77	48.84 3.88 0.75	54.06 3.87 2.08	61.42 3.50 -11.23	63.90 3.45 -13.14	51.08 2.82 -9.04	49.69 2.43 -14.85	31.85 1.99 -0.61
GLENWOOD_IC_2_G1 23688	25.74 1.99 -0.86	21.54 1.53 -1.75	20.23 1.33 -2.07	19.33 1.32 -0.86	20.13 1.30 -2.41	22.32 1.65 0.00	32.00 2.32 0.00	33.53 3.09 2.45	31.00 2.84 2.07	27.67 2.44 2.88	29.43 2.65 3.39	30.04 2.62 4.12	29.40 2.71 4.04	28.17 2.80 3.83	25.05 2.57 3.50	27.77 2.66 3.16	35.40 3.01 3.90	43.82 3.57 5.45	50.35 3.71 5.63	49.47 3.36 0.59	50.11 3.36 0.55	41.76 2.70 0.17	35.00 2.23 -0.35	31.06 1.78 -0.03
GLENWOOD_IC_3_G1 23689	25.74 1.99 -0.86	21.54 1.53 -1.75	20.23 1.33 -2.07	19.33 1.32 -0.86	20.13 1.30 -2.41	22.32 1.65 0.00	32.00 2.32 0.00	33.53 3.09 2.45	31.00 2.84 2.07	27.67 2.44 2.88	29.43 2.65 3.39	30.04 2.62 4.12	29.40 2.71 4.04	28.17 2.80 3.83	25.05 2.57 3.50	27.77 2.66 3.16	35.40 3.01 3.90	43.82 3.57 5.45	50.35 3.71 5.63	49.47 3.36 0.59	50.11 3.36 0.55	41.76 2.70 0.17	35.00 2.23 -0.35	31.06 1.78 -0.03
GLENWOOD____4 23550	25.90 2.13 -0.88	21.67 1.64 -1.76	20.34 1.43 -2.08	19.42 1.41 -0.86	20.25 1.41 -2.41	22.47 1.80 -0.02	32.19 2.49 -0.02	33.74 3.29 2.44	31.23 3.05 2.06	28.58 2.64 2.16	29.68 2.83 3.32	30.20 2.78 4.12	29.99 2.92 3.67	29.37 3.01 2.83	26.83 2.75 1.90	40.41 2.86 -9.28	51.33 3.27 -11.77	48.84 3.88 0.75	54.11 3.92 2.08	61.51 3.60 -11.23	63.99 3.55 -13.14	51.12 2.86 -9.04	49.69 2.43 -14.85	31.85 1.99 -0.61
GLENWOOD____5 23614	25.90 2.13 -0.88	21.67 1.64 -1.76	20.34 1.43 -2.08	19.42 1.41 -0.86	20.25 1.41 -2.41	22.47 1.80 -0.02	32.19 2.49 -0.02	33.74 3.29 2.44	31.23 3.05 2.06	28.58 2.64 2.16	29.68 2.83 3.32	30.20 2.78 4.12	29.99 2.92 3.67	29.37 3.01 2.83	26.83 2.75 1.90	40.41 2.86 -9.28	51.33 3.27 -11.77	48.84 3.88 0.75	54.11 3.92 2.08	61.51 3.60 -11.23	63.99 3.55 -13.14	51.12 2.86 -9.04	49.69 2.43 -14.85	31.85 1.99 -0.61
GLOBAL GREEN_PORT_GT1 23814	26.44 2.68 -0.87	22.04 2.03 -1.75	20.71 1.80 -2.08	19.74 1.73 -0.86	20.61 1.77 -2.41	22.92 2.25 -0.01	32.83 3.14 -0.01	34.13 3.68 2.45	31.44 3.27 2.07	28.35 2.73 2.48	29.71 2.90 3.35	30.32 2.90 4.12	30.04 3.14 3.84	29.27 3.36 3.28	26.48 3.12 2.62	35.05 3.05 -3.73	44.72 3.66 -4.77	47.38 4.53 2.85	59.89 5.18 -2.44	57.25 4.53 -6.03	58.84 4.50 -7.04	48.01 3.80 -4.98	43.54 2.75 -8.37	32.11 2.52 -0.35
GLOBE____DSASP 323697	21.34 -1.69 -0.15	17.12 -1.44 -0.30	15.84 -1.35 -0.35	15.96 -1.34 -0.15	15.60 -1.23 -0.41	19.24 -1.43 0.00	27.25 -2.43 0.00	18.47 -1.71 12.72	18.24 -1.27 10.72	13.72 -0.67 13.71	12.21 -0.60 17.35	10.04 -0.25 21.25	9.98 -0.49 20.27	10.33 -0.64 18.22	9.90 -0.49 15.59	11.07 -0.62 16.58	12.03 -1.02 23.24	14.57 -1.87 29.26	19.39 -2.98 29.90	35.57 -5.46 5.66	35.42 -6.05 5.83	31.49 -4.82 2.91	27.59 -3.31 1.52	26.68 -2.57 0.00
GOETHSLN____LBMP 323567	25.67 1.92 -0.86	21.49 1.48 -1.75	20.16 1.26 -2.07	19.26 1.25 -0.86	20.06 1.23 -2.41	22.23 1.57 0.00	31.85 2.17 0.00	33.46 3.03 2.46	30.94 2.78 2.07	31.23 2.39 -0.74	29.74 2.56 2.98	30.00 2.55 4.10	31.22 2.61 2.14	33.00 2.77 -1.03	32.88 2.55 -4.35	34.30 2.66 -3.37	36.18 3.05 3.15	43.62 3.56 5.65	50.09 3.61 5.79	48.89 3.32 1.11	49.45 3.31 1.16	41.31 2.67 0.58	34.26 2.14 0.29	30.92 1.67 0.00
GOLAH____69_KV_TB 1_2 80279	22.25 -0.76 -0.12	17.81 -0.69 -0.24	16.46 -0.66 -0.28	16.67 -0.60 -0.12	16.21 -0.54 -0.33	20.12 -0.54 0.00	28.79 -0.89 0.00	19.41 -0.56 12.92	18.98 -0.36 10.89	13.93 -0.25 13.92	12.21 -0.30 17.65	9.67 -0.25 21.62	9.75 -0.37 20.62	10.28 -0.38 18.54	9.89 -0.26 15.84	11.04 -0.37 16.87	12.13 -0.54 23.61	15.05 -0.91 29.74	20.61 -1.25 30.41	38.03 -2.80 5.86	38.19 -3.03 6.08	33.76 -2.43 3.03	29.19 -1.69 1.54	27.96 -1.29 0.00
GOODYEAR_LAKE_HYD 323669	24.11 0.94 -0.29	19.55 0.71 -0.58	18.16 0.64 -0.69	18.09 0.65 -0.28	17.88 0.66 -0.80	21.59 0.93 0.00	30.99 1.31 0.00	37.14 5.72 1.48	33.31 4.32 1.25	29.40 2.89 1.60	31.34 3.20 2.02	32.38 3.31 2.48	31.33 2.95 2.36	29.93 2.86 2.12	26.92 2.75 1.81	29.51 3.17 1.93	37.65 4.06 2.71	48.38 6.08 3.41	57.26 8.47 3.48	54.28 8.26 0.67	55.07 8.47 0.70	45.46 6.59 0.35	37.45 5.22 0.18	33.43 4.18 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	23.20 0.00 -0.31	18.85 -0.04 -0.63	17.52 -0.05 -0.75	17.43 -0.03 -0.31	17.27 -0.02 -0.87	20.85 0.19 0.00	29.86 0.18 0.00	18.24 0.89 15.54	17.97 0.85 13.11	12.05 0.70 16.76	9.68 0.75 21.23	6.27 0.73 26.00	6.64 0.71 24.80	7.62 0.73 22.30	7.62 0.70 19.06	8.72 0.74 20.29	8.63 0.76 28.42	10.83 0.91 35.79	16.57 0.89 36.59	39.82 0.14 7.01	40.06 0.05 7.29	35.66 0.08 3.63	30.69 0.13 1.85	29.16 -0.09 0.00

GOUDEY___7 23579	23.20 0.00 -0.31	18.85 -0.04 -0.63	17.52 -0.05 -0.75	17.43 -0.03 -0.31	17.27 -0.02 -0.87	20.85 0.19 0.00	29.86 0.18 0.00	18.24 0.89 15.54	17.97 0.85 13.11	12.05 0.70 16.76	9.68 0.75 21.23	6.27 0.73 26.00	6.64 0.71 24.80	7.62 0.73 22.30	7.62 0.70 19.06	8.72 0.74 20.29	8.63 0.76 28.42	10.83 0.91 35.79	16.57 0.89 36.59	39.82 0.14 7.01	40.06 0.05 7.29	35.66 0.08 3.63	30.69 0.13 1.85	29.16 -0.09 0.00
GOUDEY___8 23580	23.20 0.00 -0.31	18.85 -0.04 -0.63	17.52 -0.05 -0.75	17.43 -0.03 -0.31	17.27 -0.02 -0.87	20.85 0.19 0.00	29.86 0.18 0.00	18.24 0.89 15.54	17.97 0.85 13.11	12.05 0.70 16.76	9.68 0.75 21.23	6.27 0.73 26.00	6.64 0.71 24.80	7.62 0.73 22.30	7.62 0.70 19.06	8.72 0.74 20.29	8.63 0.76 28.42	10.83 0.91 35.79	16.57 0.89 36.59	39.82 0.14 7.01	40.06 0.05 7.29	35.66 0.08 3.63	30.69 0.13 1.85	29.16 -0.09 0.00
GOWANUS_GT1_1 24077	25.90 2.15 -0.86	21.63 1.63 -1.75	20.28 1.38 -2.07	19.36 1.36 -0.86	20.15 1.31 -2.41	22.34 1.67 0.00	31.96 2.29 0.00	33.66 3.22 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	29.98 2.71 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.51 2.86 0.58	34.48 2.37 0.29	31.09 1.84 0.00
GOWANUS_GT1_2 24078	25.90 2.15 -0.86	21.63 1.63 -1.75	20.28 1.38 -2.07	19.36 1.36 -0.86	20.15 1.31 -2.41	22.34 1.67 0.00	31.96 2.29 0.00	33.66 3.22 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	29.98 2.71 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.51 2.86 0.58	34.48 2.37 0.29	31.09 1.84 0.00
GOWANUS_GT1_3 24079	25.90 2.15 -0.86	21.63 1.63 -1.75	20.28 1.38 -2.07	19.36 1.36 -0.86	20.15 1.31 -2.41	22.34 1.67 0.00	31.96 2.29 0.00	33.66 3.22 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	29.98 2.71 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.51 2.86 0.58	34.48 2.37 0.29	31.09 1.84 0.00
GOWANUS_GT1_4 24080	25.90 2.15 -0.86	21.63 1.63 -1.75	20.28 1.38 -2.07	19.36 1.36 -0.86	20.15 1.31 -2.41	22.34 1.67 0.00	31.96 2.29 0.00	33.66 3.22 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	29.98 2.71 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.51 2.86 0.58	34.48 2.37 0.29	31.09 1.84 0.00
GOWANUS_GT1_5 24084	25.90 2.15 -0.86	21.63 1.63 -1.75	20.28 1.38 -2.07	19.36 1.36 -0.86	20.15 1.31 -2.41	22.34 1.67 0.00	31.96 2.29 0.00	33.66 3.22 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	29.98 2.71 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.51 2.86 0.58	34.48 2.37 0.29	31.09 1.84 0.00
GOWANUS_GT1_6 24111	25.90 2.15 -0.86	21.63 1.63 -1.75	20.28 1.38 -2.07	19.36 1.36 -0.86	20.15 1.31 -2.41	22.34 1.67 0.00	31.96 2.29 0.00	33.66 3.22 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	29.98 2.71 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.51 2.86 0.58	34.48 2.37 0.29	31.09 1.84 0.00
GOWANUS_GT1_7 24112	25.90 2.15 -0.86	21.63 1.63 -1.75	20.28 1.38 -2.07	19.36 1.36 -0.86	20.15 1.31 -2.41	22.34 1.67 0.00	31.96 2.29 0.00	33.66 3.22 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	29.98 2.71 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.51 2.86 0.58	34.48 2.37 0.29	31.09 1.84 0.00
GOWANUS_GT1_8 24113	25.90 2.15 -0.86	21.63 1.63 -1.75	20.28 1.38 -2.07	19.36 1.36 -0.86	20.15 1.31 -2.41	22.34 1.67 0.00	31.96 2.29 0.00	33.66 3.22 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	29.98 2.71 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.51 2.86 0.58	34.48 2.37 0.29	31.09 1.84 0.00
GOWANUS_GT2_1 24114	25.90 2.15 -0.86	21.63 1.62 -1.75	20.28 1.38 -2.07	19.36 1.35 -0.86	20.15 1.31 -2.41	22.33 1.67 0.00	31.97 2.29 0.00	33.66 3.23 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	30.01 2.74 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.47 2.83 0.58	34.48 2.36 0.29	31.10 1.84 0.00
GOWANUS_GT2_2 24115	25.90 2.15 -0.86	21.63 1.62 -1.75	20.28 1.38 -2.07	19.36 1.35 -0.86	20.15 1.31 -2.41	22.33 1.67 0.00	31.97 2.29 0.00	33.66 3.23 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	30.01 2.74 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.47 2.83 0.58	34.48 2.36 0.29	31.10 1.84 0.00
GOWANUS_GT2_3 24116	25.90 2.15 -0.86	21.63 1.62 -1.75	20.28 1.38 -2.07	19.36 1.35 -0.86	20.15 1.31 -2.41	22.33 1.67 0.00	31.97 2.29 0.00	33.66 3.23 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	30.01 2.74 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.47 2.83 0.58	34.48 2.36 0.29	31.10 1.84 0.00
GOWANUS_GT2_4 24117	25.90 2.15 -0.86	21.63 1.62 -1.75	20.28 1.38 -2.07	19.36 1.35 -0.86	20.15 1.31 -2.41	22.33 1.67 0.00	31.97 2.29 0.00	33.66 3.23 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	30.01 2.74 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.47 2.83 0.58	34.48 2.36 0.29	31.10 1.84 0.00
GOWANUS_GT2_5 24118	25.90 2.15 -0.86	21.63 1.62 -1.75	20.28 1.38 -2.07	19.36 1.35 -0.86	20.15 1.31 -2.41	22.33 1.67 0.00	31.97 2.29 0.00	33.66 3.23 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	30.01 2.74 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.47 2.83 0.58	34.48 2.36 0.29	31.10 1.84 0.00

GOWANUS_GT2_6 24119	25.90 2.15 -0.86	21.63 1.62 -1.75	20.28 1.38 -2.07	19.36 1.35 -0.86	20.15 1.31 -2.41	22.33 1.67 0.00	31.97 2.29 0.00	33.66 3.23 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	30.01 2.74 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.47 2.83 0.58	34.48 2.36 0.29	31.10 1.84 0.00
GOWANUS_GT2_7 24120	25.90 2.15 -0.86	21.63 1.62 -1.75	20.28 1.38 -2.07	19.36 1.35 -0.86	20.15 1.31 -2.41	22.33 1.67 0.00	31.97 2.29 0.00	33.66 3.23 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	30.01 2.74 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.47 2.83 0.58	34.48 2.36 0.29	31.10 1.84 0.00
GOWANUS_GT2_8 24121	25.90 2.15 -0.86	21.63 1.62 -1.75	20.28 1.38 -2.07	19.36 1.35 -0.86	20.15 1.31 -2.41	22.33 1.67 0.00	31.97 2.29 0.00	33.66 3.23 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	30.01 2.74 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.47 2.83 0.58	34.48 2.36 0.29	31.10 1.84 0.00
GOWANUS_GT3_1 24122	25.90 2.15 -0.86	21.63 1.62 -1.75	20.28 1.38 -2.07	19.36 1.35 -0.86	20.15 1.31 -2.41	22.33 1.67 0.00	31.97 2.29 0.00	33.66 3.23 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	30.01 2.74 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.47 2.83 0.58	34.48 2.36 0.29	31.10 1.84 0.00
GOWANUS_GT3_2 24123	25.90 2.15 -0.86	21.63 1.62 -1.75	20.28 1.38 -2.07	19.36 1.35 -0.86	20.15 1.31 -2.41	22.33 1.67 0.00	31.97 2.29 0.00	33.66 3.23 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	30.01 2.74 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.47 2.83 0.58	34.48 2.36 0.29	31.10 1.84 0.00
GOWANUS_GT3_3 24124	25.90 2.15 -0.86	21.63 1.62 -1.75	20.28 1.38 -2.07	19.36 1.35 -0.86	20.15 1.31 -2.41	22.33 1.67 0.00	31.97 2.29 0.00	33.66 3.23 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	30.01 2.74 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.47 2.83 0.58	34.48 2.36 0.29	31.10 1.84 0.00
GOWANUS_GT3_4 24125	25.90 2.15 -0.86	21.63 1.62 -1.75	20.28 1.38 -2.07	19.36 1.35 -0.86	20.15 1.31 -2.41	22.33 1.67 0.00	31.97 2.29 0.00	33.66 3.23 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	30.01 2.74 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.47 2.83 0.58	34.48 2.36 0.29	31.10 1.84 0.00
GOWANUS_GT3_5 24126	25.90 2.15 -0.86	21.63 1.62 -1.75	20.28 1.38 -2.07	19.36 1.35 -0.86	20.15 1.31 -2.41	22.33 1.67 0.00	31.97 2.29 0.00	33.66 3.23 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	30.01 2.74 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.47 2.83 0.58	34.48 2.36 0.29	31.10 1.84 0.00
GOWANUS_GT3_6 24127	25.90 2.15 -0.86	21.63 1.62 -1.75	20.28 1.38 -2.07	19.36 1.35 -0.86	20.15 1.31 -2.41	22.33 1.67 0.00	31.97 2.29 0.00	33.66 3.23 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	30.01 2.74 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.47 2.83 0.58	34.48 2.36 0.29	31.10 1.84 0.00
GOWANUS_GT3_7 24128	25.90 2.15 -0.86	21.63 1.62 -1.75	20.28 1.38 -2.07	19.36 1.35 -0.86	20.15 1.31 -2.41	22.33 1.67 0.00	31.97 2.29 0.00	33.66 3.23 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	30.01 2.74 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.47 2.83 0.58	34.48 2.36 0.29	31.10 1.84 0.00
GOWANUS_GT3_8 24129	25.90 2.15 -0.86	21.63 1.62 -1.75	20.28 1.38 -2.07	19.36 1.35 -0.86	20.15 1.31 -2.41	22.33 1.67 0.00	31.97 2.29 0.00	33.66 3.23 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	30.01 2.74 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.47 2.83 0.58	34.48 2.36 0.29	31.10 1.84 0.00
GOWANUS_GT4_1 24130	25.90 2.15 -0.86	21.63 1.63 -1.75	20.28 1.38 -2.07	19.36 1.36 -0.86	20.15 1.31 -2.41	22.34 1.67 0.00	31.96 2.29 0.00	33.66 3.22 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	29.98 2.71 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.51 2.86 0.58	34.48 2.37 0.29	31.09 1.84 0.00
GOWANUS_GT4_2 24131	25.90 2.15 -0.86	21.63 1.63 -1.75	20.28 1.38 -2.07	19.36 1.36 -0.86	20.15 1.31 -2.41	22.34 1.67 0.00	31.96 2.29 0.00	33.66 3.22 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	29.98 2.71 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.51 2.86 0.58	34.48 2.37 0.29	31.09 1.84 0.00
GOWANUS_GT4_3 24132	25.90 2.15 -0.86	21.63 1.63 -1.75	20.28 1.38 -2.07	19.36 1.36 -0.86	20.15 1.31 -2.41	22.34 1.67 0.00	31.96 2.29 0.00	33.66 3.22 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	29.98 2.71 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.51 2.86 0.58	34.48 2.37 0.29	31.09 1.84 0.00
GOWANUS_GT4_4 24133	25.90 2.15 -0.86	21.63 1.63 -1.75	20.28 1.38 -2.07	19.36 1.36 -0.86	20.15 1.31 -2.41	22.34 1.67 0.00	31.96 2.29 0.00	33.66 3.22 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	29.98 2.71 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.51 2.86 0.58	34.48 2.37 0.29	31.09 1.84 0.00

GOWANUS_GT4_5 24134	25.90 2.15 -0.86	21.63 1.63 -1.75	20.28 1.38 -2.07	19.36 1.36 -0.86	20.15 1.31 -2.41	22.34 1.67 0.00	31.96 2.29 0.00	33.66 3.22 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	29.98 2.71 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.51 2.86 0.58	34.48 2.37 0.29	31.09 1.84 0.00
GOWANUS_GT4_6 24135	25.90 2.15 -0.86	21.63 1.63 -1.75	20.28 1.38 -2.07	19.36 1.36 -0.86	20.15 1.31 -2.41	22.34 1.67 0.00	31.96 2.29 0.00	33.66 3.22 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	29.98 2.71 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.51 2.86 0.58	34.48 2.37 0.29	31.09 1.84 0.00
GOWANUS_GT4_7 24136	25.90 2.15 -0.86	21.63 1.63 -1.75	20.28 1.38 -2.07	19.36 1.36 -0.86	20.15 1.31 -2.41	22.34 1.67 0.00	31.96 2.29 0.00	33.66 3.22 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	29.98 2.71 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.51 2.86 0.58	34.48 2.37 0.29	31.09 1.84 0.00
GOWANUS_GT4_8 24137	25.90 2.15 -0.86	21.63 1.63 -1.75	20.28 1.38 -2.07	19.36 1.36 -0.86	20.15 1.31 -2.41	22.34 1.67 0.00	31.96 2.29 0.00	33.66 3.22 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	29.98 2.71 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.51 2.86 0.58	34.48 2.37 0.29	31.09 1.84 0.00
GREATVR_69_KV_BK1 356245	26.53 2.77 -0.87	22.17 2.15 -1.76	20.79 1.88 -2.08	19.83 1.82 -0.86	20.69 1.86 -2.41	23.05 2.38 -0.01	33.01 3.32 -0.01	34.56 4.11 2.45	31.89 3.72 2.06	28.81 3.18 2.47	30.25 3.44 3.35	30.77 3.34 4.12	30.47 3.57 3.83	29.62 3.68 3.26	26.80 3.40 2.58	35.76 3.48 -4.00	45.51 4.10 -5.13	47.94 4.98 2.74	57.68 5.33 -0.08	57.81 4.86 -6.27	59.56 4.92 -7.34	48.43 4.04 -5.17	44.42 3.31 -8.70	32.36 2.75 -0.36
GREENBSH_115KV_TB3 55895	24.46 0.48 -1.09	20.93 0.46 -2.21	19.89 0.44 -2.62	18.68 0.45 -1.08	19.90 0.43 -3.05	21.22 0.56 0.00	30.39 0.71 0.00	31.98 0.72 1.64	29.43 0.57 1.38	26.71 0.37 1.76	28.23 0.30 2.23	29.06 0.25 2.73	28.47 0.34 2.61	27.35 0.50 2.34	24.55 0.57 2.00	26.68 0.54 2.13	33.55 0.25 2.99	42.08 0.14 3.76	48.63 0.21 3.85	46.37 0.42 0.74	46.91 0.38 0.77	39.15 0.31 0.38	32.44 0.23 0.19	29.52 0.26 0.00
GREENDGE_115KV_TB5 80291	22.74 -0.34 -0.19	18.32 -0.33 -0.39	16.97 -0.32 -0.46	17.05 -0.29 -0.19	16.70 -0.26 -0.54	20.62 -0.04 0.00	29.56 -0.12 0.00	17.04 0.53 16.37	16.97 0.54 13.81	10.87 0.42 17.65	8.19 0.39 22.36	4.50 0.35 27.39	4.86 0.25 26.12	5.97 0.26 23.49	6.19 0.29 20.08	7.19 0.28 21.37	6.64 0.29 29.93	8.42 0.41 37.70	14.26 0.52 38.54	38.75 -0.56 7.38	39.02 -0.61 7.67	34.92 -0.47 3.82	30.10 -0.36 1.95	28.75 -0.50 0.00
GREENIDGE___3 23582	22.74 -0.34 -0.19	18.32 -0.33 -0.39	16.97 -0.32 -0.46	17.05 -0.29 -0.19	16.70 -0.26 -0.54	20.62 -0.04 0.00	29.56 -0.12 0.00	17.04 0.53 16.37	16.97 0.54 13.81	10.87 0.42 17.65	8.19 0.39 22.36	4.50 0.35 27.39	4.86 0.25 26.12	5.97 0.26 23.49	6.19 0.29 20.08	7.19 0.28 21.37	6.64 0.29 29.93	8.42 0.41 37.70	14.26 0.52 38.54	38.75 -0.56 7.38	39.02 -0.61 7.67	34.92 -0.47 3.82	30.10 -0.36 1.95	28.75 -0.50 0.00
GREENIDGE___4 23583	22.76 -0.32 -0.19	18.32 -0.33 -0.39	16.97 -0.32 -0.46	17.05 -0.29 -0.19	16.70 -0.26 -0.54	20.62 -0.04 0.00	29.56 -0.12 0.00	17.04 0.52 16.37	16.97 0.54 13.81	10.87 0.42 17.65	8.19 0.39 22.36	4.50 0.35 27.39	4.86 0.24 26.12	5.97 0.26 23.49	6.19 0.29 20.08	7.19 0.28 21.37	6.64 0.29 29.93	8.42 0.41 37.70	14.26 0.52 38.54	38.75 -0.56 7.38	39.07 -0.57 7.67	34.93 -0.47 3.82	30.10 -0.36 1.95	28.75 -0.50 0.00
GREENLWN_69_KV_BK 3 55738	25.93 2.17 -0.87	21.73 1.72 -1.76	20.41 1.50 -2.08	19.45 1.44 -0.86	20.31 1.48 -2.41	22.55 1.88 -0.01	32.27 2.58 -0.01	33.80 3.35 2.45	31.29 3.11 2.06	28.36 2.73 2.47	29.74 2.93 3.35	30.20 2.78 4.12	29.95 3.04 3.83	28.97 3.04 3.26	26.20 2.81 2.59	35.09 2.86 -3.96	44.47 3.12 -5.07	46.42 3.47 2.76	51.41 4.08 4.94	56.44 3.60 -6.15	57.75 3.17 -7.28	47.16 2.86 -5.08	43.52 2.46 -8.64	31.63 2.02 -0.36
GREENWD_138_KV_38B11_REV_LBMP_J 345004	25.90 2.15 -0.86	21.63 1.63 -1.75	20.28 1.38 -2.07	19.36 1.36 -0.86	20.15 1.31 -2.41	22.34 1.67 0.00	31.96 2.29 0.00	33.66 3.22 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	29.98 2.71 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.51 2.86 0.58	34.48 2.37 0.29	31.09 1.84 0.00
GRISSOM___SOLAR 323813	25.39 1.30 -1.20	21.68 0.99 -2.44	20.61 0.89 -2.89	19.29 0.94 -1.19	20.71 0.92 -3.36	22.00 1.34 0.00	31.58 1.90 0.00	34.14 2.73 1.48	30.86 1.88 1.25	27.69 1.18 1.60	29.35 1.21 2.02	30.29 1.23 2.48	29.52 1.14 2.36	28.33 1.25 2.12	25.44 1.27 1.81	27.78 1.44 1.93	35.25 1.67 2.71	44.90 2.60 3.41	52.55 3.77 3.48	49.94 3.92 0.67	50.62 4.02 0.70	42.01 3.14 0.35	34.73 2.50 0.18	31.27 2.02 0.00
GROVEVILLE___HYD 323602	25.56 1.81 -0.86	21.39 1.39 -1.75	20.09 1.19 -2.07	19.21 1.20 -0.86	20.03 1.20 -2.41	22.17 1.51 0.00	31.85 2.17 0.00	33.30 2.86 2.45	30.76 2.60 2.08	27.55 2.11 2.66	28.99 2.20 3.37	29.65 2.24 4.13	29.11 2.31 3.94	28.11 2.45 3.54	25.24 2.29 3.03	27.43 2.38 3.22	34.57 2.79 4.51	43.40 3.38 5.68	49.96 3.50 5.81	48.84 3.27 1.12	49.36 3.22 1.16	41.27 2.63 0.58	34.22 2.11 0.29	30.92 1.67 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	22.65 -0.34 -0.11	18.17 -0.31 -0.22	16.78 -0.30 -0.26	16.97 -0.29 -0.11	16.44 -0.28 -0.30	20.43 -0.23 0.00	29.35 -0.33 0.00	5.49 -0.36 27.04	7.10 -0.33 22.80	-1.38 -0.34 29.15	-7.16 -0.39 36.93	-14.13 -0.44 45.23	-12.80 -0.40 43.14	-9.92 -0.32 38.79	-7.43 -0.26 33.15	-7.30 -0.28 35.29	-13.65 -0.51 49.43	-17.23 -0.69 62.25	-12.21 -0.84 63.65	33.42 -1.03 12.24	33.49 -1.09 12.73	31.97 -0.90 6.34	28.41 -0.78 3.22	28.58 -0.67 0.00
HAMLTNNY_34_KV_TB 80303	22.59 -0.41 -0.11	18.10 -0.38 -0.22	16.74 -0.35 -0.26	16.92 -0.34 -0.11	16.40 -0.33 -0.30	20.37 -0.29 0.00	29.26 -0.42 0.00	6.71 -0.46 25.72	8.16 -0.39 21.69	-0.05 -0.42 27.73	-5.42 -0.45 35.13	-11.99 -0.50 43.02	-10.76 -0.46 41.04	-8.14 -0.44 36.90	-5.86 -0.31 31.53	-5.66 -0.37 33.57	-11.32 -0.58 47.02	-14.24 -0.73 59.21	-9.16 -0.89 60.55	33.78 -1.26 11.65	33.87 -1.32 12.11	32.09 -1.10 6.03	28.41 -0.94 3.06	28.46 -0.79 0.00

HAMPSHIRE___PAPER_HYD 323593	22.25 -0.66 -0.03	17.87 -0.46 -0.06	16.51 -0.39 -0.07	16.67 -0.51 -0.03	16.03 -0.48 -0.08	19.98 -0.68 0.00	28.73 -0.95 0.00	17.43 -1.18 14.28	21.75 -1.33 7.16	17.52 -1.43 9.15	17.03 -1.54 11.59	15.80 -1.54 14.19	15.60 -1.60 13.54	7.64 -1.52 20.03	7.09 -1.38 17.52	8.20 -1.44 18.63	19.14 -1.63 15.51	24.39 -1.78 19.53	30.83 -1.46 19.97	41.78 -1.07 3.84	42.50 -0.80 3.99	36.60 -0.63 1.99	30.98 -0.42 1.01	28.96 -0.29 0.00
HARDSCRABBLE_WT_PWR 323673	22.39 -0.50 0.00	17.84 -0.42 0.00	16.46 -0.37 0.00	16.78 -0.38 0.00	16.08 -0.35 0.00	20.25 -0.41 0.00	29.05 -0.62 0.00	30.27 -0.66 1.97	27.45 -0.64 2.15	24.66 -0.70 2.74	25.99 -0.69 3.47	26.50 -0.79 4.26	25.88 -0.80 4.06	25.60 -0.73 2.87	22.89 -0.68 2.41	24.97 -0.74 2.57	30.62 -1.02 4.65	38.66 -1.19 5.86	45.03 -1.26 5.99	44.60 -0.93 1.15	45.25 -0.85 1.20	37.96 -0.67 0.60	31.65 -0.45 0.30	28.84 -0.41 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	25.37 1.67 -0.81	21.18 1.28 -1.64	19.86 1.09 -1.94	19.07 1.11 -0.80	19.77 1.08 -2.26	22.05 1.38 0.00	31.64 1.96 0.00	32.91 2.63 2.61	30.45 2.42 2.21	27.28 2.00 2.82	28.70 2.11 3.57	29.31 2.14 4.38	28.78 2.21 4.18	27.78 2.34 3.75	24.96 2.18 3.21	27.15 2.29 3.42	34.15 2.65 4.78	42.88 3.20 6.02	49.40 3.29 6.16	48.54 3.03 1.18	49.05 2.98 1.23	41.04 2.43 0.61	34.01 1.91 0.31	30.74 1.49 0.00
HARSNRAD_115KV_TB1 81005	21.57 -1.46 -0.14	17.29 -1.26 -0.29	16.00 -1.18 -0.35	16.13 -1.17 -0.14	15.76 -1.07 -0.41	19.53 -1.14 0.00	27.69 -1.99 0.00	19.17 -0.92 12.80	18.96 -0.48 10.79	14.16 -0.14 13.80	12.62 0.00 17.54	10.25 0.19 21.48	10.19 -0.06 20.49	10.65 -0.12 18.43	10.24 -0.05 15.69	11.37 -0.14 16.76	12.60 -0.29 23.40	15.46 -0.78 29.46	20.57 -1.57 30.14	36.48 -4.34 5.86	36.34 -4.92 6.04	32.36 -3.84 3.02	28.42 -2.46 1.53	27.09 -2.16 0.00
HARZA MOOSE___RIVER 24016	23.04 0.11 -0.04	18.43 0.09 -0.08	17.01 0.08 -0.09	17.12 -0.07 -0.04	16.50 -0.03 -0.11	20.68 0.02 0.00	29.80 0.12 0.00	22.56 0.20 10.53	22.33 -0.03 7.88	17.69 -0.34 10.07	17.03 -0.36 12.76	15.50 -0.41 15.63	15.37 -0.46 14.91	13.76 -0.41 15.02	12.73 -0.34 12.92	14.19 -0.34 13.75	18.84 -0.36 17.09	23.92 -0.27 21.51	30.38 0.10 22.00	42.64 0.19 4.23	43.19 0.28 4.40	37.26 0.24 2.19	31.46 0.16 1.11	29.52 0.26 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	22.68 -0.32 -0.11	18.20 -0.29 -0.23	16.82 -0.29 -0.27	16.97 -0.29 -0.11	16.48 -0.26 -0.32	20.46 -0.21 0.00	29.38 -0.30 0.00	6.91 -0.20 25.79	8.31 -0.18 21.75	0.08 -0.22 27.80	-5.30 -0.24 35.22	-11.88 -0.28 43.14	-10.65 -0.25 41.15	-7.98 -0.18 37.00	-5.74 -0.10 31.62	-5.53 -0.33 33.66	-11.19 -0.14 47.15	-14.21 -0.33 59.37	-9.11 -0.68 60.71	34.08 -0.93 11.68	34.17 -0.99 12.14	32.34 -0.82 6.05	28.63 -0.71 3.07	28.58 -0.67 0.00
HELLGATE_13_KV_LD 55870	25.90 2.15 -0.86	21.65 1.64 -1.75	20.30 1.40 -2.07	19.38 1.37 -0.86	20.18 1.35 -2.41	22.38 1.71 0.00	32.02 2.34 0.00	33.66 3.22 2.46	31.19 3.02 2.07	32.14 2.56 -1.48	30.07 2.80 2.90	30.28 2.84 4.09	31.86 2.86 1.74	34.17 2.95 -2.03	34.67 2.73 -5.96	35.94 2.86 -4.81	36.73 3.30 2.86	44.08 4.02 5.64	50.56 4.08 5.79	49.26 3.69 1.11	49.83 3.69 1.16	41.51 2.86 0.58	34.42 2.30 0.29	31.07 1.81 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	25.90 2.15 -0.86	21.65 1.64 -1.75	20.30 1.40 -2.07	19.38 1.37 -0.86	20.18 1.35 -2.41	22.38 1.71 0.00	32.02 2.34 0.00	33.66 3.22 2.46	31.19 3.02 2.07	32.14 2.56 -1.48	30.07 2.80 2.90	30.28 2.84 4.09	31.86 2.86 1.74	34.17 2.95 -2.03	34.67 2.73 -5.96	35.94 2.86 -4.81	36.73 3.30 2.86	44.08 4.02 5.64	50.56 4.08 5.79	49.26 3.69 1.11	49.83 3.69 1.16	41.51 2.86 0.58	34.42 2.30 0.29	31.07 1.81 0.00
HEMPSTEAD____ 23647	25.89 2.13 -0.88	21.66 1.64 -1.76	20.36 1.45 -2.08	19.42 1.41 -0.86	20.26 1.43 -2.41	22.49 1.82 -0.01	32.21 2.52 -0.01	33.74 3.29 2.44	31.23 3.05 2.06	28.48 2.64 2.26	29.70 2.87 3.33	30.20 2.78 4.12	29.97 2.95 3.73	29.20 2.98 2.97	26.58 2.73 2.13	38.61 2.80 -7.53	49.01 3.16 -9.57	48.00 3.70 1.41	53.56 3.87 2.58	59.76 3.50 -9.57	62.02 3.50 -11.22	49.79 2.83 -7.74	47.62 2.40 -12.81	31.74 1.96 -0.52
HICKLING___1 23621	22.88 -0.25 -0.24	18.50 -0.26 -0.49	17.16 -0.25 -0.58	17.15 -0.24 -0.24	16.90 -0.20 -0.68	20.81 0.14 0.00	29.74 0.06 0.00	18.48 1.09 15.50	18.25 1.09 13.08	12.37 0.98 16.72	10.01 1.03 21.17	6.59 0.98 25.93	6.89 0.89 24.74	7.83 0.88 22.24	7.80 0.83 19.01	8.89 0.85 20.24	8.88 0.94 28.35	11.15 1.14 35.70	16.98 1.20 36.49	39.58 -0.14 6.97	39.82 -0.24 7.24	35.49 -0.12 3.61	30.59 0.03 1.85	28.99 -0.26 0.00
HICKLING___2 23622	22.88 -0.25 -0.24	18.50 -0.26 -0.49	17.16 -0.25 -0.58	17.15 -0.24 -0.24	16.90 -0.20 -0.68	20.81 0.14 0.00	29.74 0.06 0.00	18.48 1.09 15.50	18.25 1.09 13.08	12.37 0.98 16.72	10.01 1.03 21.17	6.59 0.98 25.93	6.89 0.89 24.74	7.83 0.88 22.24	7.80 0.83 19.01	8.89 0.85 20.24	8.88 0.94 28.35	11.15 1.14 35.70	16.98 1.20 36.49	39.58 -0.14 6.97	39.82 -0.24 7.24	35.49 -0.12 3.61	30.59 0.03 1.85	28.99 -0.26 0.00
HIGH FALLS___HY 23754	25.66 1.92 -0.85	21.45 1.46 -1.72	20.14 1.26 -2.04	19.27 1.27 -0.85	20.05 1.25 -2.38	22.23 1.57 0.00	31.96 2.29 0.00	33.47 3.06 2.48	30.92 2.78 2.10	27.67 2.25 2.68	29.15 2.38 3.39	29.78 2.40 4.16	29.20 2.43 3.97	28.17 2.54 3.57	25.30 2.36 3.05	27.52 2.49 3.24	34.83 3.08 4.54	43.82 3.84 5.72	50.34 3.92 5.85	49.16 3.60 1.13	49.68 3.55 1.17	41.58 2.94 0.58	34.45 2.33 0.30	31.07 1.81 0.00
HIGH_RIVER___SOLAR 323847	24.97 0.92 -1.16	21.31 0.69 -2.36	20.26 0.64 -2.79	18.98 0.67 -1.16	20.32 0.64 -3.25	21.57 0.91 0.00	30.93 1.25 0.00	33.02 1.61 1.48	29.98 1.00 1.25	26.96 0.45 1.60	28.56 0.42 2.02	29.45 0.38 2.48	28.78 0.40 2.36	27.60 0.53 2.12	24.79 0.62 1.81	27.08 0.73 1.93	34.34 0.76 2.71	43.67 1.37 3.41	50.98 2.19 3.48	48.40 2.38 0.67	49.02 2.41 0.70	40.79 1.92 0.35	33.76 1.52 0.18	30.51 1.26 0.00
HILLBURN___GT 23639	25.44 1.74 -0.82	21.23 1.32 -1.66	19.94 1.14 -1.96	19.11 1.15 -0.81	19.83 1.12 -2.29	22.09 1.42 0.00	31.73 2.05 0.00	33.07 2.76 2.58	30.59 2.54 2.18	27.45 2.13 2.79	28.91 2.29 3.54	29.54 2.33 4.33	28.98 2.37 4.13	27.99 2.51 3.71	25.15 2.34 3.17	27.33 2.43 3.38	34.35 2.79 4.73	43.08 3.33 5.96	49.63 3.45 6.09	48.65 3.13 1.17	49.20 3.12 1.22	41.08 2.47 0.61	34.11 2.01 0.31	30.80 1.55 0.00
HILLSIDE_115KV_TB1 80332	22.66 -0.48 -0.26	18.34 -0.44 -0.52	17.04 -0.40 -0.62	17.01 -0.39 -0.25	16.80 -0.34 -0.72	20.56 -0.10 0.00	29.38 -0.30 0.00	18.00 0.66 15.55	17.77 0.67 13.13	11.91 0.59 16.78	9.54 0.63 21.26	6.14 0.63 26.03	6.46 0.55 24.83	7.42 0.55 22.33	7.44 0.55 19.08	8.50 0.54 20.31	8.37 0.54 28.46	10.46 0.59 35.83	16.16 0.52 36.63	39.08 -0.61 7.00	39.26 -0.76 7.28	35.04 -0.55 3.63	30.23 -0.32 1.85	28.67 -0.59 0.00

HISHELDN_WT_PWR 323625	21.83 -1.24 -0.17	17.55 -1.06 -0.35	16.27 -0.98 -0.41	16.35 -0.98 -0.17	16.04 -0.87 -0.48	19.92 -0.74 0.00	28.29 -1.39 0.00	19.15 -0.30 13.44	18.89 -0.03 11.32	13.78 0.14 14.46	12.08 0.24 18.32	9.39 0.28 22.44	9.40 0.06 21.40	9.98 0.03 19.25	9.61 0.08 16.45	10.79 0.03 17.51	11.66 -0.11 24.52	14.46 -0.37 30.88	19.94 -0.78 31.55	37.86 -2.94 5.89	38.04 -3.17 6.09	33.71 -2.47 3.04	29.22 -1.59 1.60	27.67 -1.58 0.00
HOLTSVILLE_IC_1 23690	26.28 2.52 -0.87	21.97 1.95 -1.75	20.64 1.73 -2.08	19.69 1.68 -0.86	20.54 1.71 -2.41	22.84 2.17 -0.01	32.68 3.00 -0.01	34.13 3.68 2.45	31.50 3.33 2.07	28.46 2.84 2.48	29.92 3.11 3.35	30.45 3.03 4.12	30.16 3.26 3.84	29.27 3.36 3.28	26.45 3.09 2.62	35.07 3.08 -3.71	44.60 3.56 -4.75	47.05 4.20 2.85	59.13 4.55 -2.31	56.82 4.11 -6.02	58.48 4.16 -7.02	47.64 3.45 -4.97	43.62 2.85 -8.36	32.00 2.40 -0.35
HOLTSVILLE_IC_10 23699	26.39 2.63 -0.87	22.04 2.03 -1.75	20.71 1.80 -2.08	19.76 1.75 -0.86	20.61 1.77 -2.41	22.92 2.25 -0.01	32.80 3.12 -0.01	34.26 3.81 2.45	31.62 3.45 2.07	28.55 2.92 2.48	30.04 3.23 3.35	30.58 3.15 4.12	30.25 3.35 3.84	29.39 3.47 3.28	26.59 3.22 2.61	35.28 3.22 -3.78	44.91 3.77 -4.85	47.40 4.53 2.83	59.98 4.91 -2.80	57.22 4.44 -6.09	58.90 4.50 -7.10	47.94 3.69 -5.03	43.86 3.01 -8.44	32.14 2.54 -0.35
HOLTSVILLE_IC_2 23691	26.28 2.52 -0.87	21.97 1.95 -1.75	20.64 1.73 -2.08	19.69 1.68 -0.86	20.54 1.71 -2.41	22.84 2.17 -0.01	32.68 3.00 -0.01	34.13 3.68 2.45	31.50 3.33 2.07	28.46 2.84 2.48	29.92 3.11 3.35	30.45 3.03 4.12	30.16 3.26 3.84	29.27 3.36 3.28	26.45 3.09 2.62	35.07 3.08 -3.71	44.60 3.56 -4.75	47.05 4.20 2.85	59.13 4.55 -2.31	56.82 4.11 -6.02	58.48 4.16 -7.02	47.64 3.45 -4.97	43.62 2.85 -8.36	32.00 2.40 -0.35
HOLTSVILLE_IC_3 23692	26.28 2.52 -0.87	21.97 1.95 -1.75	20.64 1.73 -2.08	19.69 1.68 -0.86	20.54 1.71 -2.41	22.84 2.17 -0.01	32.68 3.00 -0.01	34.13 3.68 2.45	31.50 3.33 2.07	28.46 2.84 2.48	29.92 3.11 3.35	30.45 3.03 4.12	30.16 3.26 3.84	29.27 3.36 3.28	26.45 3.09 2.62	35.07 3.08 -3.71	44.60 3.56 -4.75	47.05 4.20 2.85	59.13 4.55 -2.31	56.82 4.11 -6.02	58.48 4.16 -7.02	47.64 3.45 -4.97	43.62 2.85 -8.36	32.00 2.40 -0.35
HOLTSVILLE_IC_4 23693	26.28 2.52 -0.87	21.97 1.95 -1.75	20.64 1.73 -2.08	19.69 1.68 -0.86	20.54 1.71 -2.41	22.84 2.17 -0.01	32.68 3.00 -0.01	34.13 3.68 2.45	31.50 3.33 2.07	28.46 2.84 2.48	29.92 3.11 3.35	30.45 3.03 4.12	30.16 3.26 3.84	29.27 3.36 3.28	26.45 3.09 2.62	35.07 3.08 -3.71	44.60 3.56 -4.75	47.05 4.20 2.85	59.13 4.55 -2.31	56.82 4.11 -6.02	58.48 4.16 -7.02	47.64 3.45 -4.97	43.62 2.85 -8.36	32.00 2.40 -0.35
HOLTSVILLE_IC_5 23694	26.28 2.52 -0.87	21.97 1.95 -1.75	20.64 1.73 -2.08	19.69 1.68 -0.86	20.54 1.71 -2.41	22.84 2.17 -0.01	32.68 3.00 -0.01	34.13 3.68 2.45	31.50 3.33 2.07	28.46 2.84 2.48	29.92 3.11 3.35	30.45 3.03 4.12	30.16 3.26 3.84	29.27 3.36 3.28	26.45 3.09 2.62	35.07 3.08 -3.71	44.60 3.56 -4.75	47.05 4.20 2.85	59.13 4.55 -2.31	56.82 4.11 -6.02	58.48 4.16 -7.02	47.64 3.45 -4.97	43.62 2.85 -8.36	32.00 2.40 -0.35
HOLTSVILLE_IC_6 23695	26.39 2.63 -0.87	22.04 2.03 -1.75	20.71 1.80 -2.08	19.76 1.75 -0.86	20.61 1.77 -2.41	22.92 2.25 -0.01	32.80 3.12 -0.01	34.26 3.81 2.45	31.62 3.45 2.07	28.55 2.92 2.48	30.04 3.23 3.35	30.58 3.15 4.12	30.25 3.35 3.84	29.39 3.47 3.28	26.59 3.22 2.61	35.28 3.22 -3.78	44.91 3.77 -4.85	47.40 4.53 2.83	59.98 4.91 -2.80	57.22 4.44 -6.09	58.90 4.50 -7.10	47.94 3.69 -5.03	43.86 3.01 -8.44	32.14 2.54 -0.35
HOLTSVILLE_IC_7 23696	26.39 2.63 -0.87	22.04 2.03 -1.75	20.71 1.80 -2.08	19.76 1.75 -0.86	20.61 1.77 -2.41	22.92 2.25 -0.01	32.80 3.12 -0.01	34.26 3.81 2.45	31.62 3.45 2.07	28.55 2.92 2.48	30.04 3.23 3.35	30.58 3.15 4.12	30.25 3.35 3.84	29.39 3.47 3.28	26.59 3.22 2.61	35.28 3.22 -3.78	44.91 3.77 -4.85	47.40 4.53 2.83	59.98 4.91 -2.80	57.22 4.44 -6.09	58.90 4.50 -7.10	47.94 3.69 -5.03	43.86 3.01 -8.44	32.14 2.54 -0.35
HOLTSVILLE_IC_8 23697	26.39 2.63 -0.87	22.04 2.03 -1.75	20.71 1.80 -2.08	19.76 1.75 -0.86	20.61 1.77 -2.41	22.92 2.25 -0.01	32.80 3.12 -0.01	34.26 3.81 2.45	31.62 3.45 2.07	28.55 2.92 2.48	30.04 3.23 3.35	30.58 3.15 4.12	30.25 3.35 3.84	29.39 3.47 3.28	26.59 3.22 2.61	35.28 3.22 -3.78	44.91 3.77 -4.85	47.40 4.53 2.83	59.98 4.91 -2.80	57.22 4.44 -6.09	58.90 4.50 -7.10	47.94 3.69 -5.03	43.86 3.01 -8.44	32.14 2.54 -0.35
HOLTSVILLE_IC_9 23698	26.39 2.63 -0.87	22.04 2.03 -1.75	20.71 1.80 -2.08	19.76 1.75 -0.86	20.61 1.77 -2.41	22.92 2.25 -0.01	32.80 3.12 -0.01	34.26 3.81 2.45	31.62 3.45 2.07	28.55 2.92 2.48	30.04 3.23 3.35	30.58 3.15 4.12	30.25 3.35 3.84	29.39 3.47 3.28	26.59 3.22 2.61	35.28 3.22 -3.78	44.91 3.77 -4.85	47.40 4.53 2.83	59.98 4.91 -2.80	57.22 4.44 -6.09	58.90 4.50 -7.10	47.94 3.69 -5.03	43.86 3.01 -8.44	32.14 2.54 -0.35
HOMER_HL_115KV_TB2 355744	21.67 -1.40 -0.18	17.46 -1.17 -0.37	16.19 -1.08 -0.43	16.25 -1.08 -0.18	15.96 -0.97 -0.51	20.29 -0.37 0.00	28.85 -0.83 0.00	20.83 1.48 13.54	20.43 1.66 11.47	15.11 1.66 14.65	13.49 1.90 18.57	10.88 2.08 22.74	10.86 1.81 21.69	11.41 1.72 19.50	10.90 1.58 16.66	12.14 1.61 17.74	13.44 2.00 24.84	16.66 2.24 31.28	22.45 2.14 31.96	40.56 -0.28 5.85	40.52 -0.71 6.07	35.76 -0.43 3.03	30.82 0.03 1.62	28.17 -1.08 0.00
HOWARD_WT_PWR 323690	22.18 -0.92 -0.20	17.91 -0.77 -0.41	16.60 -0.72 -0.49	16.65 -0.70 -0.20	16.39 -0.61 -0.57	20.35 -0.31 0.00	29.05 -0.62 0.00	18.35 0.43 14.97	18.39 1.09 12.93	12.44 0.87 16.53	10.09 0.88 20.94	6.68 0.79 25.65	6.89 0.61 24.47	7.72 0.53 22.00	7.62 0.44 18.80	8.66 0.40 20.02	8.73 0.47 28.03	11.18 0.78 35.30	17.39 1.20 36.08	39.76 -0.14 6.79	40.20 -0.05 7.05	35.78 0.08 3.52	30.68 0.10 1.83	28.67 -0.58 0.00
HQ_GEN_CEDARS 23644	22.36 -0.53 0.00	17.91 -0.35 0.00	16.56 -0.27 0.00	16.84 -0.31 0.00	16.11 -0.31 0.00	19.98 -0.68 0.00	28.67 -1.01 0.00	18.44 -1.35 13.11	26.63 -1.30 2.30	24.09 -1.07 2.94	25.28 -1.15 3.73	25.87 -1.10 4.57	25.22 -1.17 4.36	10.01 -1.20 17.99	8.78 -1.12 16.09	10.02 -1.16 17.09	30.10 -1.20 4.99	38.14 -1.28 6.29	44.69 -1.15 6.43	44.66 -0.79 1.24	45.50 -0.52 1.29	38.19 -0.39 0.64	31.86 -0.23 0.32	29.11 -0.15 0.00
HQ_GEN_CEDARS_PROXY 323590	22.36 -0.53 0.00	17.91 -0.35 0.00	16.56 -0.27 0.00	16.84 -0.31 0.00	16.11 -0.31 0.00	19.98 -0.68 0.00	28.67 -1.01 0.00	18.44 -1.35 13.11	26.64 -1.30 2.30	24.09 -1.07 2.94	25.28 -1.15 3.73	25.87 -1.10 4.57	25.22 -1.17 4.36	10.01 -1.20 17.99	8.78 -1.12 16.09	10.02 -1.16 17.09	30.10 -1.20 4.99	38.14 -1.28 6.29	44.69 -1.15 6.43	44.66 -0.79 1.24	45.50 -0.52 1.29	38.19 -0.39 0.64	31.86 -0.23 0.32	29.11 -0.15 0.00

HQ_GEN_IMPORT 323601	22.50 -0.39 0.00	17.99 -0.27 0.00	16.58 -0.25 0.00	16.90 -0.26 0.00	16.16 -0.26 0.00	20.29 -0.37 0.00	29.17 -0.50 0.00	29.33 -0.72 2.84	29.60 -0.64 0.00	27.65 -0.45 0.00	29.71 -0.45 0.00	31.13 -0.41 0.00	30.28 -0.46 0.00	24.76 -0.58 3.85	21.90 -0.60 3.49	16.16 -0.57 11.55	43.70 -0.43 -7.85	45.25 -0.46 0.00	51.85 -0.42 0.00	46.37 -0.32 0.00	47.07 -0.24 0.00	39.02 -0.20 0.00	32.25 -0.16 0.00	29.14 -0.12 0.00
HQ_GEN_WHEEL 23651	22.50 -0.39 0.00	17.99 -0.27 0.00	16.58 -0.25 0.00	16.90 -0.26 0.00	16.16 -0.26 0.00	20.29 -0.37 0.00	29.17 -0.50 0.00	29.33 -0.72 2.84	29.60 -0.64 0.00	27.65 -0.45 0.00	29.71 -0.45 0.00	31.13 -0.41 0.00	30.28 -0.46 0.00	24.76 -0.58 3.85	21.90 -0.60 3.49	16.16 -0.57 11.55	43.70 -0.43 -7.85	45.25 -0.46 0.00	51.85 -0.42 0.00	46.37 -0.32 0.00	47.07 -0.24 0.00	39.02 -0.20 0.00	32.25 -0.16 0.00	29.14 -0.12 0.00
HUDSON AVE_GT_3 23810	25.79 2.04 -0.86	21.56 1.55 -1.74	20.24 1.35 -2.07	19.33 1.32 -0.86	20.13 1.30 -2.41	22.31 1.65 0.00	31.99 2.32 0.00	33.59 3.16 2.46	31.09 2.93 2.07	31.34 2.50 -0.74	29.89 2.71 2.98	30.15 2.71 4.10	31.37 2.77 2.14	33.11 2.89 -1.03	33.01 2.68 -4.35	34.44 2.80 -3.37	36.36 3.23 3.15	43.94 3.88 5.65	50.45 3.97 5.79	49.17 3.60 1.11	49.74 3.59 1.16	41.51 2.86 0.58	34.42 2.30 0.29	31.07 1.81 0.00
HUDSON AVE_GT_4 23540	25.79 2.04 -0.86	21.56 1.55 -1.74	20.24 1.35 -2.07	19.33 1.32 -0.86	20.13 1.30 -2.41	22.31 1.65 0.00	31.99 2.32 0.00	33.59 3.16 2.46	31.09 2.93 2.07	31.34 2.50 -0.74	29.89 2.71 2.98	30.15 2.71 4.10	31.37 2.77 2.14	33.11 2.89 -1.03	33.01 2.68 -4.35	34.44 2.80 -3.37	36.36 3.23 3.15	43.94 3.88 5.65	50.45 3.97 5.79	49.17 3.60 1.11	49.74 3.59 1.16	41.51 2.86 0.58	34.42 2.30 0.29	31.07 1.81 0.00
HUDSON AVE_GT_5 23657	25.79 2.04 -0.86	21.56 1.55 -1.74	20.24 1.35 -2.07	19.33 1.32 -0.86	20.13 1.30 -2.41	22.31 1.65 0.00	31.99 2.32 0.00	33.59 3.16 2.46	31.09 2.93 2.07	31.34 2.50 -0.74	29.89 2.71 2.98	30.15 2.71 4.10	31.37 2.77 2.14	33.11 2.89 -1.03	33.01 2.68 -4.35	34.44 2.80 -3.37	36.36 3.23 3.15	43.94 3.88 5.65	50.45 3.97 5.79	49.17 3.60 1.11	49.74 3.59 1.16	41.51 2.86 0.58	34.42 2.30 0.29	31.07 1.81 0.00
HUDSON_AVE_10 24168	25.66 1.92 -0.85	21.46 1.46 -1.74	20.15 1.26 -2.06	19.25 1.25 -0.85	20.04 1.22 -2.40	22.23 1.57 0.00	31.88 2.20 0.00	33.50 3.06 2.46	30.94 2.78 2.07	31.17 2.33 -0.74	29.71 2.53 2.98	30.00 2.55 4.10	31.19 2.58 2.14	32.97 2.74 -1.03	32.88 2.55 -4.35	34.30 2.66 -3.37	36.14 3.01 3.15	43.71 3.66 5.65	50.24 3.76 5.79	48.98 3.41 1.11	49.55 3.41 1.16	41.35 2.71 0.58	34.29 2.17 0.29	30.92 1.67 0.00
HUDSON___115KV_TB 4 355613	24.62 0.64 -1.09	21.06 0.58 -2.21	19.99 0.54 -2.62	18.80 0.57 -1.08	20.02 0.54 -3.05	21.41 0.74 0.00	30.69 1.01 0.00	32.28 1.02 1.64	29.61 0.76 1.38	26.79 0.45 1.76	28.29 0.36 2.23	29.09 0.28 2.73	28.50 0.37 2.61	27.38 0.53 2.34	24.58 0.60 2.00	26.74 0.59 2.13	33.95 0.65 2.99	42.77 0.82 3.76	49.58 1.15 3.85	47.30 1.35 0.74	47.81 1.28 0.77	39.93 1.10 0.38	33.02 0.81 0.19	29.98 0.73 0.00
HUNTER MOUNT___DRP 323613	24.61 0.71 -1.01	20.93 0.62 -2.05	19.80 0.54 -2.43	18.72 0.57 -1.00	19.84 0.59 -2.83	21.82 1.16 0.00	31.34 1.66 0.00	32.75 1.78 1.92	29.95 1.33 1.62	26.84 0.81 2.07	28.17 0.63 2.63	28.89 0.57 3.22	28.35 0.68 3.07	27.23 0.79 2.76	24.46 0.83 2.36	26.70 0.93 2.51	33.46 0.69 3.51	42.19 0.91 4.43	49.00 1.25 4.53	47.31 1.49 0.87	47.82 1.42 0.90	40.02 1.26 0.45	33.12 0.94 0.23	30.07 0.82 0.00
HUNTINGTON_RES_REC 323705	26.12 2.36 -0.87	21.84 1.83 -1.75	20.52 1.62 -2.08	19.57 1.56 -0.86	20.43 1.59 -2.41	22.70 2.03 -0.01	32.48 2.79 -0.01	33.97 3.52 2.45	31.41 3.24 2.07	28.41 2.78 2.48	29.83 3.02 3.35	30.32 2.90 4.12	30.04 3.14 3.84	29.14 3.21 3.27	26.34 2.96 2.60	35.10 3.00 -3.83	44.60 3.41 -4.91	46.83 3.93 2.81	48.63 4.44 8.09	56.70 4.02 -6.00	58.17 3.74 -7.13	47.39 3.22 -4.95	43.63 2.72 -8.50	31.86 2.25 -0.35
HUNTLEY___63 23557	21.69 -1.35 -0.15	17.40 -1.17 -0.30	16.11 -1.08 -0.36	16.22 -1.08 -0.15	15.87 -0.97 -0.42	19.69 -0.97 0.00	27.90 -1.78 0.00	19.37 -0.69 12.84	19.11 -0.30 10.82	14.32 0.06 13.84	12.89 0.27 17.54	10.56 0.50 21.49	10.49 0.25 20.50	10.91 0.15 18.43	10.46 0.21 15.73	11.62 0.11 16.77	12.83 0.00 23.46	15.71 -0.46 29.53	20.89 -1.20 30.18	37.08 -3.92 5.68	36.99 -4.45 5.86	32.80 -3.49 2.93	28.64 -2.24 1.53	27.32 -1.93 0.00
HUNTLEY___64 23558	21.69 -1.35 -0.15	17.40 -1.17 -0.30	16.11 -1.08 -0.36	16.22 -1.08 -0.15	15.87 -0.97 -0.42	19.69 -0.97 0.00	27.90 -1.78 0.00	19.37 -0.69 12.84	19.11 -0.30 10.82	14.32 0.06 13.84	12.89 0.27 17.54	10.56 0.50 21.49	10.49 0.25 20.50	10.91 0.15 18.43	10.46 0.21 15.73	11.62 0.11 16.77	12.83 0.00 23.46	15.71 -0.46 29.53	20.89 -1.20 30.18	37.08 -3.92 5.68	36.99 -4.45 5.86	32.80 -3.49 2.93	28.64 -2.24 1.53	27.32 -1.93 0.00
HUNTLEY___65 23559	21.69 -1.35 -0.15	17.40 -1.17 -0.30	16.11 -1.08 -0.36	16.22 -1.08 -0.15	15.87 -0.97 -0.42	19.69 -0.97 0.00	27.90 -1.78 0.00	19.37 -0.69 12.84	19.11 -0.30 10.82	14.32 0.06 13.84	12.89 0.27 17.54	10.56 0.50 21.49	10.49 0.25 20.50	10.91 0.15 18.43	10.46 0.21 15.73	11.62 0.11 16.77	12.83 0.00 23.46	15.71 -0.46 29.53	20.89 -1.20 30.18	37.08 -3.92 5.68	36.99 -4.45 5.86	32.80 -3.49 2.93	28.64 -2.24 1.53	27.32 -1.93 0.00
HUNTLEY___66 23560	21.69 -1.35 -0.15	17.40 -1.17 -0.30	16.11 -1.08 -0.36	16.22 -1.08 -0.15	15.87 -0.97 -0.42	19.69 -0.97 0.00	27.90 -1.78 0.00	19.37 -0.69 12.84	19.11 -0.30 10.82	14.32 0.06 13.84	12.89 0.27 17.54	10.56 0.50 21.49	10.49 0.25 20.50	10.91 0.15 18.43	10.46 0.21 15.73	11.62 0.11 16.77	12.83 0.00 23.46	15.71 -0.46 29.53	20.89 -1.20 30.18	37.08 -3.92 5.68	36.99 -4.45 5.86	32.80 -3.49 2.93	28.64 -2.24 1.53	27.32 -1.93 0.00
HUNTLEY___67 23561	21.65 -1.40 -0.15	17.37 -1.21 -0.31	16.09 -1.11 -0.37	16.19 -1.11 -0.15	15.85 -1.00 -0.43	19.67 -0.99 0.00	27.87 -1.81 0.00	19.29 -0.79 12.81	19.07 -0.36 10.80	14.21 -0.08 13.81	12.80 0.09 17.45	10.43 0.25 21.37	10.39 0.03 20.38	10.84 -0.03 18.33	10.31 0.03 15.70	11.54 -0.06 16.68	12.71 -0.18 23.39	15.66 -0.59 29.45	20.87 -1.36 30.05	37.43 -3.88 5.39	37.30 -4.45 5.56	32.98 -3.45 2.78	28.61 -2.27 1.54	27.26 -1.99 0.00
HUNTLEY___68 23562	21.65 -1.40 -0.15	17.37 -1.21 -0.31	16.09 -1.11 -0.37	16.19 -1.11 -0.15	15.85 -1.00 -0.43	19.67 -0.99 0.00	27.87 -1.81 0.00	19.29 -0.79 12.81	19.07 -0.36 10.80	14.21 -0.08 13.81	12.80 0.09 17.45	10.43 0.25 21.37	10.39 0.03 20.38	10.84 -0.03 18.33	10.31 0.03 15.70	11.54 -0.06 16.68	12.71 -0.18 23.39	15.66 -0.59 29.45	20.87 -1.36 30.05	37.43 -3.88 5.39	37.30 -4.45 5.56	32.98 -3.45 2.78	28.61 -2.27 1.54	27.26 -1.99 0.00

HYLAND___LFGE 323620	23.03 -0.02 -0.17	18.47 -0.13 -0.34	17.06 -0.17 -0.40	17.25 -0.07 -0.17	16.84 -0.05 -0.47	20.95 0.29 0.00	30.09 0.42 0.00	20.00 1.05 13.95	19.12 0.57 11.69	13.38 0.22 14.95	11.13 -0.09 18.94	8.03 -0.32 23.19	8.16 -0.46 22.12	8.84 -0.47 19.89	8.62 -0.36 17.00	9.84 -0.34 18.10	10.65 -0.29 25.34	13.93 0.14 31.91	20.69 1.04 32.63	40.26 -0.19 6.24	40.78 -0.05 6.48	35.99 0.00 3.23	30.85 0.10 1.65	29.14 -0.12 0.00
INDECK___CORINTH 23802	24.91 0.89 -1.13	21.22 0.68 -2.29	20.14 0.60 -2.71	18.92 0.65 -1.12	20.20 0.62 -3.16	21.61 0.95 0.00	31.13 1.45 0.00	33.13 1.74 1.50	30.27 1.30 1.27	27.33 0.84 1.62	28.86 0.75 2.05	29.76 0.73 2.51	29.11 0.77 2.40	27.98 0.93 2.15	25.13 0.99 1.84	27.39 1.07 1.96	34.63 1.09 2.74	43.75 1.51 3.46	50.77 2.04 3.53	48.16 2.15 0.68	48.73 2.13 0.71	40.51 1.65 0.35	33.46 1.23 0.18	30.22 0.96 0.00
INDECK___ILION 23567	22.73 -0.16 0.00	18.13 -0.13 0.00	16.71 -0.12 0.00	17.03 -0.12 0.00	16.32 -0.10 0.00	20.54 -0.12 0.00	29.50 -0.18 0.00	30.76 -0.16 1.97	27.91 -0.18 2.15	25.11 -0.25 2.74	26.44 -0.24 3.47	26.97 -0.32 4.26	26.37 -0.31 4.06	26.09 -0.23 2.87	23.36 -0.21 2.41	25.45 -0.25 2.57	31.24 -0.40 4.65	39.34 -0.50 5.86	45.81 -0.47 5.99	45.21 -0.33 1.15	45.77 -0.33 1.20	38.39 -0.24 0.60	31.94 -0.16 0.30	29.11 -0.15 0.00
INDECK___OLEAN 23982	21.67 -1.40 -0.18	17.46 -1.17 -0.37	16.19 -1.08 -0.43	16.25 -1.08 -0.18	15.96 -0.97 -0.51	20.29 -0.37 0.00	28.85 -0.83 0.00	20.84 1.48 13.54	20.43 1.66 11.47	15.11 1.66 14.65	13.49 1.90 18.57	10.85 2.05 22.74	10.86 1.81 21.69	11.41 1.72 19.50	10.90 1.59 16.66	12.14 1.61 17.74	13.44 1.99 24.84	16.66 2.24 31.28	22.45 2.14 31.96	40.52 -0.32 5.85	40.66 -0.57 6.07	35.83 -0.35 3.03	30.82 0.03 1.62	28.17 -1.08 0.00
INDECK___OSWEGO 23783	22.24 -0.73 -0.09	17.81 -0.62 -0.17	16.45 -0.59 -0.21	16.64 -0.60 -0.09	16.09 -0.58 -0.24	20.02 -0.64 0.00	28.76 -0.92 0.00	0.24 -1.12 31.53	2.59 -1.06 26.59	-6.90 -1.01 33.99	-13.99 -1.08 43.07	-22.37 -1.17 52.75	-20.68 -1.11 50.31	-17.07 -1.02 45.24	-13.56 -0.88 38.66	-13.84 -0.96 41.16	-22.70 -1.34 57.65	-28.63 -1.74 72.60	-23.95 -1.99 74.23	30.36 -2.05 14.28	30.33 -2.13 14.84	30.06 -1.76 7.40	27.23 -1.43 3.75	28.02 -1.23 0.00
INDECK___YERKES 23781	21.71 -1.33 -0.15	17.42 -1.15 -0.30	16.11 -1.08 -0.36	16.24 -1.06 -0.15	15.87 -0.97 -0.42	19.71 -0.95 0.00	27.93 -1.75 0.00	19.40 -0.66 12.84	19.14 -0.27 10.82	14.35 0.08 13.84	12.89 0.27 17.54	10.56 0.50 21.49	10.52 0.28 20.50	10.94 0.18 18.43	10.48 0.23 15.73	11.65 0.14 16.77	12.87 0.04 23.46	15.76 -0.41 29.53	20.89 -1.20 30.18	37.13 -3.87 5.68	37.18 -4.26 5.86	32.96 -3.33 2.93	28.70 -2.17 1.53	27.32 -1.93 0.00
INDIAN POINT_GT_1 24139	25.48 1.74 -0.85	21.30 1.31 -1.73	20.01 1.13 -2.05	19.13 1.13 -0.85	19.91 1.10 -2.38	22.07 1.41 0.00	31.67 1.99 0.00	33.11 2.70 2.48	30.62 2.48 2.10	27.57 2.05 2.59	29.01 2.23 3.38	29.59 2.21 4.16	29.10 2.27 3.92	28.18 2.42 3.44	25.37 2.23 2.84	27.53 2.32 3.06	34.43 2.65 4.51	43.18 3.20 5.72	49.66 3.24 5.85	48.55 2.99 1.13	49.11 2.98 1.17	41.03 2.39 0.58	34.06 1.94 0.30	30.77 1.52 0.00
INDIAN POINT_GT_2 23659	25.48 1.74 -0.85	21.30 1.31 -1.73	20.01 1.13 -2.05	19.13 1.13 -0.85	19.91 1.10 -2.38	22.07 1.41 0.00	31.67 1.99 0.00	33.11 2.70 2.48	30.62 2.48 2.10	27.57 2.05 2.59	29.01 2.23 3.38	29.59 2.21 4.16	29.10 2.27 3.92	28.18 2.42 3.44	25.37 2.23 2.84	27.53 2.32 3.06	34.43 2.65 4.51	43.18 3.20 5.72	49.66 3.24 5.85	48.55 2.99 1.13	49.11 2.98 1.17	41.03 2.39 0.58	34.06 1.94 0.30	30.77 1.52 0.00
INDIAN POINT_GT_3 24019	25.48 1.74 -0.85	21.30 1.31 -1.73	20.01 1.13 -2.05	19.13 1.13 -0.85	19.91 1.10 -2.38	22.07 1.41 0.00	31.67 1.99 0.00	33.11 2.70 2.48	30.62 2.48 2.10	27.57 2.05 2.59	29.01 2.23 3.38	29.59 2.21 4.16	29.10 2.27 3.92	28.18 2.42 3.44	25.37 2.23 2.84	27.53 2.32 3.06	34.43 2.65 4.51	43.18 3.20 5.72	49.66 3.24 5.85	48.55 2.99 1.13	49.11 2.98 1.17	41.03 2.39 0.58	34.06 1.94 0.30	30.77 1.52 0.00
INDIAN POINT___2 23530	25.45 1.72 -0.84	21.26 1.30 -1.70	19.98 1.13 -2.02	19.12 1.13 -0.84	19.88 1.10 -2.35	22.07 1.41 0.00	31.67 1.99 0.00	33.04 2.66 2.51	30.56 2.45 2.13	27.53 2.05 2.62	28.96 2.23 3.43	29.57 2.24 4.21	29.04 2.27 3.97	28.13 2.42 3.49	25.33 2.23 2.89	27.48 2.32 3.11	34.36 2.65 4.57	43.05 3.15 5.80	49.58 3.24 5.93	48.54 2.99 1.14	49.10 2.98 1.19	40.98 2.35 0.59	34.02 1.91 0.30	30.74 1.49 0.00
INDIAN POINT___3 23531	25.46 1.72 -0.85	21.30 1.31 -1.73	20.01 1.13 -2.05	19.13 1.13 -0.85	19.91 1.10 -2.39	22.07 1.41 0.00	31.64 1.96 0.00	33.08 2.66 2.48	30.59 2.45 2.10	27.56 2.05 2.59	28.98 2.20 3.38	29.59 2.21 4.16	29.10 2.27 3.92	28.17 2.42 3.45	25.36 2.23 2.86	27.52 2.32 3.07	34.43 2.65 4.51	43.14 3.15 5.72	49.66 3.24 5.85	48.55 2.99 1.13	49.06 2.93 1.17	40.99 2.35 0.58	34.03 1.91 0.30	30.74 1.49 0.00
INGHAM_C_115KV_TB7 356103	22.39 -0.50 0.00	17.84 -0.42 0.00	16.44 -0.39 0.00	16.78 -0.38 0.00	16.08 -0.34 0.00	20.25 -0.41 0.00	29.06 -0.62 0.00	30.23 -0.69 1.97	27.43 -0.67 2.15	24.63 -0.73 2.74	25.96 -0.72 3.47	26.47 -0.82 4.26	25.85 -0.83 4.06	25.60 -0.73 2.87	22.87 -0.70 2.41	24.94 -0.76 2.57	30.58 -1.05 4.65	38.57 -1.28 5.86	44.98 -1.31 5.99	44.56 -0.98 1.15	45.20 -0.90 1.20	37.92 -0.71 0.60	31.62 -0.49 0.30	28.81 -0.44 0.00
IP CORINTH___1 23988	24.91 0.89 -1.13	21.22 0.68 -2.29	20.15 0.61 -2.71	18.93 0.65 -1.12	20.20 0.62 -3.16	21.61 0.95 0.00	31.13 1.45 0.00	33.13 1.74 1.50	30.27 1.30 1.27	27.33 0.84 1.62	28.86 0.75 2.05	29.79 0.76 2.51	29.11 0.77 2.40	27.98 0.93 2.15	25.13 0.99 1.84	27.39 1.07 1.96	34.63 1.09 2.74	43.76 1.51 3.46	50.78 2.04 3.53	48.16 2.15 0.68	48.72 2.13 0.71	40.55 1.69 0.35	33.46 1.23 0.18	30.22 0.97 0.00
IP___TICONDEROGA 23804	25.34 1.33 -1.13	21.53 0.99 -2.28	20.43 0.89 -2.71	19.23 0.96 -1.12	20.50 0.92 -3.15	22.13 1.47 0.00	31.94 2.26 0.00	33.95 2.57 1.51	30.81 1.84 1.27	27.69 1.21 1.62	29.19 1.09 2.05	30.10 1.07 2.51	29.39 1.05 2.40	28.27 1.23 2.16	25.41 1.27 1.84	27.81 1.50 1.96	35.21 1.67 2.75	44.66 2.42 3.46	52.08 3.35 3.54	49.46 3.46 0.68	50.09 3.50 0.71	41.57 2.71 0.35	34.21 1.98 0.18	30.77 1.52 0.00
ISLIP_RES_REC 323679	26.48 2.72 -0.87	22.10 2.08 -1.75	20.76 1.85 -2.08	19.81 1.80 -0.86	20.66 1.82 -2.41	23.01 2.33 -0.01	32.92 3.24 -0.01	34.39 3.95 2.45	31.74 3.57 2.07	28.66 3.04 2.48	30.16 3.35 3.35	30.71 3.28 4.12	30.38 3.47 3.84	29.54 3.62 3.27	26.70 3.33 2.61	35.47 3.36 -3.83	45.15 3.96 -4.90	47.69 4.80 2.81	59.73 5.23 -2.24	57.53 4.71 -6.13	59.23 4.78 -7.15	48.20 3.92 -5.06	44.05 3.14 -8.49	32.26 2.66 -0.35

JAMAICA__27_KV_LOAD 355505	25.62 1.88 -0.85	21.44 1.44 -1.74	20.12 1.23 -2.06	19.22 1.22 -0.85	20.01 1.18 -2.40	22.19 1.53 0.00	31.91 2.23 0.00	33.56 3.12 2.46	30.97 2.81 2.07	31.14 2.30 -0.74	29.68 2.50 2.98	30.03 2.59 4.10	31.16 2.55 2.14	32.94 2.72 -1.03	32.85 2.52 -4.35	34.27 2.63 -3.37	36.11 2.98 3.15	43.80 3.75 5.65	50.35 3.87 5.79	49.12 3.55 1.11	49.69 3.55 1.16	41.35 2.71 0.58	34.32 2.20 0.29	30.89 1.64 0.00
JANIS__SOLAR 323808	23.68 0.53 -0.27	19.18 0.38 -0.54	17.80 0.34 -0.64	17.76 0.34 -0.26	17.53 0.36 -0.74	21.38 0.72 0.00	30.75 1.07 0.00	16.29 1.74 18.35	16.06 1.30 15.48	9.19 0.87 19.79	5.93 0.84 25.07	1.59 0.76 30.70	2.03 0.58 29.29	3.39 0.53 26.33	4.02 0.55 22.51	4.97 0.65 23.96	3.67 0.94 33.56	5.04 1.60 42.26	11.21 2.14 43.21	40.08 1.68 8.29	40.53 1.84 8.62	36.38 1.45 4.30	31.33 1.10 2.19	30.01 0.76 0.00
JARVIS____ 23743	22.96 0.07 0.00	18.32 0.05 0.00	16.88 0.05 0.00	17.20 0.05 0.00	16.47 0.05 0.00	20.74 0.08 0.00	29.80 0.12 0.00	31.09 0.17 1.97	28.21 0.12 2.15	25.39 0.03 2.74	26.72 0.03 3.47	27.29 0.00 4.26	26.71 0.03 4.06	26.39 0.06 2.87	23.65 0.08 2.41	25.79 0.09 2.57	31.64 0.00 4.65	39.80 -0.05 5.86	46.23 -0.05 5.99	45.54 0.00 1.15	46.06 -0.05 1.20	38.58 -0.04 0.60	32.07 -0.03 0.30	29.25 0.00 0.00
JENNISON____1 23625	23.84 0.62 -0.33	19.39 0.46 -0.67	18.03 0.40 -0.79	17.89 0.41 -0.33	17.79 0.44 -0.92	21.45 0.79 0.00	30.84 1.16 0.00	18.67 2.30 16.52	18.20 1.90 13.94	11.55 1.26 17.82	9.03 1.45 22.57	5.28 1.39 27.65	5.54 1.17 26.37	6.56 1.08 23.71	6.78 1.07 20.27	7.86 1.16 21.57	7.56 1.49 30.22	9.85 2.19 38.05	16.14 2.77 38.90	41.33 2.10 7.46	41.72 2.18 7.75	37.12 1.76 3.87	31.90 1.46 1.97	30.25 0.99 0.00
JENNISON____2 23626	23.84 0.62 -0.33	19.39 0.46 -0.67	18.03 0.40 -0.79	17.89 0.41 -0.33	17.79 0.44 -0.92	21.45 0.79 0.00	30.84 1.16 0.00	18.67 2.30 16.52	18.20 1.90 13.94	11.55 1.26 17.82	9.03 1.45 22.57	5.28 1.39 27.65	5.54 1.17 26.37	6.56 1.08 23.71	6.78 1.07 20.27	7.86 1.16 21.57	7.56 1.49 30.22	9.85 2.19 38.05	16.14 2.77 38.90	41.33 2.10 7.46	41.72 2.18 7.75	37.12 1.76 3.87	31.90 1.46 1.97	30.25 0.99 0.00
JERICOHO_RISE_WT_PWR 323719	22.09 -0.80 0.00	17.71 -0.55 0.00	16.36 -0.47 0.00	16.64 -0.51 0.00	15.88 -0.54 0.00	19.67 -0.99 0.00	28.23 -1.45 0.00	18.09 -1.81 12.99	26.72 -1.69 1.83	24.42 -1.35 2.33	25.69 -1.51 2.96	26.37 -1.54 3.62	25.65 -1.63 3.46	9.77 -1.63 17.79	8.56 -1.48 15.95	9.83 -1.50 16.94	30.80 -1.52 3.96	39.16 -1.55 4.99	45.87 -1.30 5.10	44.78 -0.93 0.98	45.67 -0.62 1.02	38.20 -0.51 0.51	31.80 -0.36 0.26	29.02 -0.24 0.00
KATONAH__115KV_46KV_TB4 355592	25.55 1.79 -0.87	21.40 1.37 -1.77	20.10 1.18 -2.10	19.19 1.17 -0.87	20.01 1.15 -2.44	22.13 1.47 0.00	31.73 2.05 0.00	33.27 2.80 2.42	30.76 2.57 2.05	27.56 2.08 2.62	29.10 2.26 3.32	29.69 2.21 4.06	29.14 2.27 3.87	28.14 2.42 3.48	25.24 2.23 2.98	27.45 2.35 3.17	34.53 2.69 4.44	43.36 3.24 5.59	49.90 3.35 5.72	48.77 3.17 1.10	49.33 3.17 1.14	41.20 2.55 0.57	34.16 2.04 0.29	30.83 1.58 0.00
KCE_NY_1 323755	25.00 0.98 -1.12	21.31 0.77 -2.28	20.24 0.71 -2.70	19.01 0.74 -1.12	20.28 0.71 -3.15	21.65 0.99 0.00	31.13 1.45 0.00	33.12 1.74 1.51	30.33 1.36 1.27	27.43 0.96 1.62	29.01 0.90 2.06	29.90 0.88 2.52	29.29 0.95 2.40	28.12 1.08 2.16	25.25 1.12 1.85	27.49 1.19 1.97	34.69 1.16 2.76	43.79 1.55 3.47	50.71 1.99 3.55	48.06 2.05 0.68	48.62 2.03 0.71	40.51 1.65 0.35	33.49 1.26 0.18	30.28 1.02 0.00
KCE_NY_6_ESR 323823	21.77 -1.28 -0.16	17.47 -1.11 -0.32	16.19 -1.03 -0.39	16.28 -1.03 -0.16	15.95 -0.92 -0.45	19.90 -0.76 0.00	28.23 -1.45 0.00	19.77 -0.10 13.02	19.50 0.24 10.98	14.49 0.42 14.04	13.03 0.66 17.79	10.58 0.82 21.78	10.51 0.55 20.78	11.01 0.50 18.69	10.51 0.49 15.96	11.73 0.45 17.00	12.97 0.47 23.79	16.02 0.28 29.95	21.41 -0.26 30.60	38.30 -2.85 5.54	38.35 -3.22 5.74	33.88 -2.47 2.87	29.30 -1.56 1.56	27.61 -1.64 0.00
KEDC_PORT_JEFF_GT2 24210	26.35 2.59 -0.87	22.02 2.01 -1.75	20.67 1.77 -2.08	19.72 1.72 -0.86	20.59 1.76 -2.41	22.88 2.21 -0.01	32.75 3.06 -0.01	34.19 3.75 2.45	31.59 3.42 2.07	28.52 2.90 2.48	30.01 3.20 3.35	30.55 3.12 4.12	30.22 3.32 3.84	29.36 3.44 3.28	26.56 3.19 2.61	35.23 3.19 -3.76	44.81 3.70 -4.82	47.30 4.43 2.84	60.67 4.86 -3.53	57.16 4.39 -6.08	58.73 4.35 -7.08	47.89 3.65 -5.02	43.77 2.95 -8.41	32.08 2.48 -0.35
KEDC_PORT_JEFF_GT3 24211	26.35 2.59 -0.87	22.02 2.01 -1.75	20.67 1.77 -2.08	19.72 1.72 -0.86	20.59 1.76 -2.41	22.88 2.21 -0.01	32.75 3.06 -0.01	34.19 3.75 2.45	31.59 3.42 2.07	28.52 2.90 2.48	30.01 3.20 3.35	30.55 3.12 4.12	30.22 3.32 3.84	29.36 3.44 3.28	26.56 3.19 2.61	35.23 3.19 -3.76	44.81 3.70 -4.82	47.30 4.43 2.84	60.67 4.86 -3.53	57.16 4.39 -6.08	58.73 4.35 -7.08	47.89 3.65 -5.02	43.77 2.95 -8.41	32.08 2.48 -0.35
KEDC_GLWD_GT4 24219	25.90 2.13 -0.88	21.67 1.64 -1.76	20.34 1.43 -2.08	19.42 1.41 -0.86	20.25 1.41 -2.41	22.47 1.80 -0.02	32.19 2.49 -0.02	33.74 3.29 2.44	31.23 3.05 2.06	28.58 2.64 2.16	29.71 2.87 3.32	30.23 2.81 4.12	29.99 2.92 3.67	29.37 3.01 2.83	26.83 2.75 1.90	40.41 2.85 -9.28	51.33 3.27 -11.77	48.84 3.88 0.75	54.06 3.87 2.08	61.42 3.50 -11.23	63.89 3.45 -13.14	51.08 2.83 -9.04	49.69 2.43 -14.85	31.85 1.99 -0.61
KEDC_GLWD_GT5 24220	25.90 2.13 -0.88	21.67 1.64 -1.76	20.34 1.43 -2.08	19.42 1.41 -0.86	20.25 1.41 -2.41	22.47 1.80 -0.02	32.19 2.49 -0.02	33.74 3.29 2.44	31.23 3.05 2.06	28.58 2.64 2.16	29.71 2.87 3.32	30.23 2.81 4.12	29.99 2.92 3.67	29.37 3.01 2.83	26.83 2.75 1.90	40.41 2.85 -9.28	51.33 3.27 -11.77	48.84 3.88 0.75	54.06 3.87 2.08	61.42 3.50 -11.23	63.89 3.45 -13.14	51.08 2.83 -9.04	49.69 2.43 -14.85	31.85 1.99 -0.61
KENSICO____ 23655	25.56 1.81 -0.86	21.37 1.37 -1.74	20.09 1.19 -2.06	19.19 1.18 -0.85	19.98 1.15 -2.40	22.13 1.47 0.00	31.76 2.08 0.00	33.23 2.80 2.46	30.73 2.57 2.08	27.73 2.16 2.54	29.16 2.35 3.35	29.75 2.33 4.12	29.27 2.40 3.87	28.36 2.54 3.38	25.58 2.36 2.77	27.75 2.46 2.99	34.62 2.79 4.46	43.37 3.34 5.67	49.92 3.45 5.80	48.75 3.17 1.12	49.26 3.12 1.16	41.15 2.51 0.58	34.16 2.04 0.29	30.83 1.58 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	25.54 1.83 -0.82	21.33 1.41 -1.66	19.99 1.19 -1.97	19.18 1.22 -0.81	19.91 1.20 -2.29	22.19 1.53 0.00	31.91 2.23 0.00	33.24 2.93 2.58	30.72 2.66 2.18	27.42 2.11 2.79	28.86 2.23 3.53	29.46 2.24 4.32	28.89 2.27 4.12	27.88 2.39 3.71	25.05 2.23 3.17	27.28 2.38 3.37	34.43 2.87 4.72	43.32 3.56 5.95	49.90 3.71 6.08	48.98 3.46 1.17	49.49 3.41 1.22	41.44 2.82 0.61	34.34 2.24 0.31	30.98 1.73 0.00

KIAC_JFK_GT1 23816	25.50 1.76 -0.85	21.35 1.35 -1.74	20.03 1.14 -2.06	19.13 1.13 -0.85	19.92 1.10 -2.40	22.09 1.43 0.00	31.73 2.05 0.00	33.40 2.96 2.46	30.79 2.63 2.07	31.00 2.16 -0.74	29.50 2.32 2.98	29.84 2.40 4.10	31.00 2.40 2.14	32.79 2.57 -1.03	32.69 2.36 -4.35	34.13 2.49 -3.37	35.78 2.65 3.15	43.35 3.29 5.65	49.82 3.35 5.79	48.70 3.13 1.11	49.22 3.07 1.16	41.00 2.35 0.58	34.16 2.04 0.29	30.74 1.49 0.00
KIAC_JFK_GT2 23817	25.50 1.76 -0.85	21.35 1.35 -1.74	20.03 1.14 -2.06	19.13 1.13 -0.85	19.92 1.10 -2.40	22.09 1.43 0.00	31.73 2.05 0.00	33.40 2.96 2.46	30.79 2.63 2.07	31.00 2.16 -0.74	29.50 2.32 2.98	29.84 2.40 4.10	31.00 2.40 2.14	32.79 2.57 -1.03	32.69 2.36 -4.35	34.13 2.49 -3.37	35.78 2.65 3.15	43.35 3.29 5.65	49.82 3.35 5.79	48.70 3.13 1.11	49.22 3.07 1.16	41.00 2.35 0.58	34.16 2.04 0.29	30.74 1.49 0.00
KIAC_JFK____ 323774	25.50 1.76 -0.85	21.33 1.33 -1.74	20.04 1.14 -2.06	19.13 1.13 -0.85	19.92 1.10 -2.40	22.09 1.42 0.00	31.73 2.05 0.00	33.40 2.96 2.46	30.79 2.63 2.07	31.00 2.16 -0.74	29.53 2.35 2.98	29.78 2.33 4.10	31.00 2.40 2.14	32.79 2.57 -1.03	32.69 2.36 -4.35	34.10 2.46 -3.37	35.78 2.65 3.15	43.35 3.29 5.65	49.83 3.35 5.79	48.70 3.13 1.11	49.22 3.07 1.16	41.00 2.35 0.58	34.16 2.04 0.29	30.74 1.49 0.00
KINTIGH__24_KV_GSU 356498	21.90 -1.12 -0.13	17.54 -0.99 -0.27	16.22 -0.93 -0.32	16.37 -0.91 -0.13	15.97 -0.82 -0.37	19.65 -1.01 0.00	27.96 -1.72 0.00	19.28 -1.35 12.26	18.93 -0.97 10.34	14.21 -0.67 13.22	12.82 -0.60 16.74	10.57 -0.47 20.50	10.57 -0.61 19.55	10.97 -0.64 17.58	10.43 -0.52 15.03	11.66 -0.62 15.99	12.93 -0.94 22.42	15.97 -1.51 28.23	21.15 -2.25 28.87	36.78 -4.29 5.61	36.78 -4.68 5.84	32.58 -3.73 2.91	28.33 -2.62 1.46	27.29 -1.96 0.00
KINTIGH____ 23543	21.90 -1.12 -0.13	17.54 -0.99 -0.27	16.22 -0.93 -0.32	16.37 -0.91 -0.13	15.97 -0.82 -0.37	19.65 -1.01 0.00	27.96 -1.72 0.00	19.28 -1.35 12.26	18.93 -0.97 10.34	14.21 -0.67 13.22	12.82 -0.60 16.74	10.57 -0.47 20.50	10.57 -0.61 19.55	10.97 -0.64 17.58	10.43 -0.52 15.03	11.63 -0.65 15.99	12.93 -0.94 22.42	15.96 -1.51 28.23	21.15 -2.25 28.87	36.74 -4.34 5.61	36.68 -4.78 5.84	32.51 -3.80 2.91	28.30 -2.66 1.46	27.29 -1.96 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	22.39 -0.50 0.00	17.93 -0.33 0.00	16.58 -0.25 0.00	16.86 -0.29 0.00	16.09 -0.33 0.00	19.94 -0.72 0.00	28.61 -1.07 0.00	18.66 -1.28 12.95	27.35 -1.24 1.65	25.04 -0.96 2.11	26.37 -1.12 2.67	27.10 -1.17 3.27	26.36 -1.26 3.12	10.22 -1.12 17.72	8.97 -1.13 15.89	10.26 -1.09 16.89	31.62 -1.09 3.58	40.28 -0.91 4.51	47.14 -0.52 4.61	45.57 -0.23 0.89	46.57 0.19 0.92	38.88 0.12 0.46	32.34 0.16 0.23	29.43 0.18 0.00
LACHUTE____HYDRO 323717	25.34 1.33 -1.13	21.53 0.99 -2.28	20.43 0.89 -2.71	19.23 0.96 -1.12	20.49 0.92 -3.15	22.13 1.47 0.00	31.93 2.25 0.00	33.95 2.57 1.51	30.81 1.84 1.27	27.69 1.21 1.62	29.19 1.08 2.05	30.10 1.07 2.51	29.39 1.05 2.40	28.27 1.23 2.16	25.41 1.27 1.84	27.81 1.50 1.96	35.21 1.67 2.75	44.66 2.42 3.46	52.08 3.35 3.54	49.46 3.46 0.68	50.09 3.50 0.71	41.57 2.70 0.35	34.21 1.98 0.18	30.77 1.52 0.00
LAWRNCALV_115KV_TB1 80681	21.99 -0.92 -0.01	17.67 -0.62 -0.03	16.38 -0.49 -0.03	16.64 -0.53 -0.01	15.95 -0.51 -0.04	19.73 -0.93 0.00	28.31 -1.37 0.00	17.66 -1.81 13.42	24.84 -1.78 3.61	21.91 -1.57 4.62	22.62 -1.69 5.85	22.74 -1.64 7.16	22.22 -1.69 6.83	8.96 -1.69 18.54	7.98 -1.53 16.47	9.16 -1.61 17.51	26.72 -1.74 7.83	33.84 -2.01 9.86	40.36 -1.83 10.08	43.40 -1.35 1.94	44.29 -0.99 2.02	37.47 -0.75 1.00	31.48 -0.42 0.51	28.90 -0.35 0.00
LEDERLE____ 23769	25.53 1.81 -0.83	21.33 1.39 -1.68	20.02 1.19 -2.00	19.18 1.20 -0.83	19.91 1.17 -2.33	22.15 1.49 0.00	31.82 2.14 0.00	33.21 2.86 2.54	30.75 2.66 2.15	27.58 2.22 2.75	29.06 2.38 3.48	29.68 2.40 4.26	29.13 2.46 4.06	28.14 2.60 3.65	25.28 2.42 3.12	27.47 2.52 3.32	34.53 2.90 4.66	43.36 3.52 5.86	49.88 3.61 6.00	48.85 3.32 1.15	49.37 3.26 1.20	41.25 2.63 0.60	34.21 2.11 0.30	30.92 1.67 0.00
LIGHTHSE_115KV_TB6 355974	22.61 -0.37 -0.08	18.10 -0.33 -0.17	16.71 -0.32 -0.20	16.87 -0.36 -0.08	16.31 -0.34 -0.23	20.31 -0.35 0.00	29.20 -0.47 0.00	5.94 -0.53 26.43	7.98 -0.60 21.65	-0.22 -0.65 27.68	-5.60 -0.69 35.06	-12.16 -0.76 42.94	-10.96 -0.74 40.97	-9.32 -0.64 37.87	-7.00 -0.57 32.41	-6.85 -0.62 34.50	-11.49 -0.83 46.94	-14.36 -0.96 59.11	-9.06 -0.89 60.44	33.94 -1.12 11.63	34.13 -1.09 12.09	32.25 -0.94 6.02	28.64 -0.71 3.06	28.64 -0.61 0.00
LINDEN COGEN____ 23786	25.67 1.92 -0.86	21.47 1.46 -1.75	20.16 1.26 -2.07	19.26 1.25 -0.86	20.05 1.22 -2.41	22.23 1.57 0.00	31.85 2.17 0.00	33.46 3.02 2.46	30.94 2.78 2.07	31.20 2.36 -0.74	29.77 2.59 2.98	30.03 2.61 4.10	31.22 2.74 2.14	32.97 2.74 -1.03	32.88 2.55 -4.35	34.27 2.63 -3.37	36.18 3.05 3.15	43.62 3.57 5.65	50.08 3.60 5.79	48.84 3.27 1.11	49.40 3.26 1.16	41.27 2.63 0.58	34.25 2.14 0.29	30.92 1.67 0.00
LINDHRST_69_KV_BK1 356055	26.37 2.61 -0.87	22.06 2.05 -1.76	20.69 1.78 -2.08	19.72 1.72 -0.86	20.57 1.74 -2.41	22.92 2.25 -0.01	32.84 3.15 -0.01	34.43 3.98 2.44	31.80 3.63 2.06	28.84 3.15 2.41	30.20 3.38 3.34	30.67 3.25 4.12	30.41 3.47 3.80	29.55 3.53 3.18	26.80 3.27 2.45	36.64 3.36 -5.00	46.58 3.92 -6.38	48.04 4.71 2.37	54.62 5.07 2.72	58.48 4.62 -7.17	60.37 4.64 -8.43	48.90 3.80 -5.87	45.38 3.11 -9.86	32.26 2.60 -0.41
LIPA_MISC_IPP 23656	26.32 2.56 -0.87	22.04 2.03 -1.75	20.66 1.75 -2.08	19.72 1.72 -0.86	20.57 1.74 -2.41	22.86 2.19 -0.01	32.69 3.00 -0.01	34.03 3.59 2.45	31.41 3.24 2.07	28.32 2.70 2.48	29.83 3.02 3.35	30.39 2.96 4.12	30.10 3.20 3.84	29.24 3.33 3.28	26.46 3.09 2.62	35.02 3.03 -3.72	44.54 3.48 -4.77	47.06 4.20 2.85	59.32 4.65 -2.40	56.92 4.20 -6.03	58.50 4.16 -7.03	47.77 3.57 -4.98	43.56 2.79 -8.37	31.97 2.37 -0.35
LISF____SOLAR 323691	26.37 2.61 -0.87	22.02 2.01 -1.75	20.69 1.78 -2.08	19.76 1.75 -0.86	20.61 1.77 -2.41	22.90 2.23 -0.01	32.75 3.06 -0.01	34.10 3.65 2.45	31.44 3.27 2.07	28.35 2.73 2.48	29.89 3.08 3.35	30.45 3.03 4.12	30.13 3.23 3.84	29.30 3.39 3.28	26.48 3.12 2.62	35.06 3.05 -3.73	44.63 3.56 -4.78	47.15 4.29 2.85	59.57 4.81 -2.49	57.08 4.34 -6.04	58.65 4.30 -7.05	47.86 3.65 -4.99	43.65 2.85 -8.38	32.03 2.43 -0.35
LITTLE FALLS____HYD 24013	22.39 -0.50 0.00	17.84 -0.42 0.00	16.44 -0.39 0.00	16.78 -0.38 0.00	16.08 -0.34 0.00	20.25 -0.41 0.00	29.06 -0.62 0.00	30.23 -0.69 1.97	27.43 -0.67 2.15	24.63 -0.73 2.74	25.96 -0.72 3.47	26.47 -0.82 4.26	25.85 -0.83 4.06	25.60 -0.73 2.87	22.87 -0.70 2.41	24.94 -0.76 2.57	30.58 -1.05 4.65	38.57 -1.28 5.86	44.98 -1.31 5.99	44.56 -0.98 1.15	45.20 -0.90 1.20	37.92 -0.71 0.60	31.62 -0.49 0.30	28.81 -0.44 0.00

LITTLRIV_115KV_TB1 356100	22.19 -0.71 -0.02	17.83 -0.46 -0.03	16.53 -0.34 -0.04	16.77 -0.39 -0.02	16.10 -0.36 -0.04	19.94 -0.72 0.00	28.58 -1.10 0.00	17.87 -1.55 13.48	24.77 -1.63 3.84	21.71 -1.49 4.91	22.32 -1.63 6.22	22.35 -1.58 7.61	21.82 -1.66 7.26	8.89 -1.66 18.64	7.94 -1.51 16.54	9.11 -1.58 17.58	26.33 -1.63 8.32	33.49 -1.74 10.48	40.20 -1.36 10.71	43.84 -0.79 2.06	44.78 -0.38 2.14	37.88 -0.27 1.07	31.84 -0.03 0.54	29.22 -0.03 0.00
LI_NEWBRDGE___DRP 323616	25.84 2.08 -0.87	21.66 1.64 -1.75	20.34 1.43 -2.08	19.42 1.41 -0.86	20.26 1.43 -2.41	22.47 1.80 -0.01	32.15 2.46 -0.01	33.67 3.22 2.45	31.16 2.99 2.07	28.23 2.64 2.51	29.64 2.83 3.35	30.11 2.68 4.12	29.84 2.95 3.85	28.80 2.92 3.32	25.97 2.68 2.68	34.17 2.69 -3.21	43.42 3.01 -4.13	46.09 3.43 3.04	52.07 3.61 3.81	55.47 3.32 -5.46	57.03 3.26 -6.46	46.47 2.71 -4.55	42.52 2.33 -7.78	31.48 1.90 -0.32
LOCKPORT_115KV_TB60_63_64 80432	21.55 -1.49 -0.14	17.27 -1.28 -0.29	15.98 -1.19 -0.35	16.11 -1.18 -0.14	15.74 -1.08 -0.40	19.50 -1.16 0.00	27.69 -1.99 0.00	19.24 -0.86 12.79	19.03 -0.42 10.79	14.20 -0.11 13.79	12.68 0.06 17.54	10.29 0.22 21.48	10.25 0.00 20.49	10.72 -0.06 18.42	10.30 0.00 15.68	11.43 -0.08 16.76	12.69 -0.22 23.38	15.58 -0.69 29.44	20.70 -1.46 30.11	36.48 -4.34 5.86	36.38 -4.87 6.04	32.36 -3.84 3.02	28.45 -2.43 1.53	27.06 -2.19 0.00
LOCKPORT___CC1 323769	21.57 -1.47 -0.14	17.29 -1.26 -0.29	16.00 -1.18 -0.35	16.13 -1.17 -0.14	15.76 -1.07 -0.41	19.53 -1.14 0.00	27.69 -1.99 0.00	19.17 -0.92 12.80	18.96 -0.48 10.79	14.14 -0.17 13.80	12.62 0.00 17.54	10.22 0.16 21.48	10.19 -0.06 20.49	10.65 -0.12 18.43	10.24 -0.05 15.69	11.40 -0.11 16.76	12.60 -0.29 23.40	15.46 -0.78 29.46	20.62 -1.52 30.14	36.49 -4.34 5.86	36.48 -4.78 6.04	32.48 -3.73 3.02	28.45 -2.43 1.53	27.09 -2.16 0.00
LOCKPORT___CC2 323770	21.57 -1.47 -0.14	17.29 -1.26 -0.29	16.00 -1.18 -0.35	16.13 -1.17 -0.14	15.76 -1.07 -0.41	19.53 -1.14 0.00	27.69 -1.99 0.00	19.17 -0.92 12.80	18.96 -0.48 10.79	14.14 -0.17 13.80	12.62 0.00 17.54	10.22 0.16 21.48	10.19 -0.06 20.49	10.65 -0.12 18.43	10.24 -0.05 15.69	11.40 -0.11 16.76	12.60 -0.29 23.40	15.46 -0.78 29.46	20.62 -1.52 30.14	36.49 -4.34 5.86	36.48 -4.78 6.04	32.48 -3.73 3.02	28.45 -2.43 1.53	27.09 -2.16 0.00
LOCKPORT___CC3 323771	21.57 -1.47 -0.14	17.29 -1.26 -0.29	16.00 -1.18 -0.35	16.13 -1.17 -0.14	15.76 -1.07 -0.41	19.53 -1.14 0.00	27.69 -1.99 0.00	19.17 -0.92 12.80	18.96 -0.48 10.79	14.14 -0.17 13.80	12.62 0.00 17.54	10.22 0.16 21.48	10.19 -0.06 20.49	10.65 -0.12 18.43	10.24 -0.05 15.69	11.40 -0.11 16.76	12.60 -0.29 23.40	15.46 -0.78 29.46	20.62 -1.52 30.14	36.49 -4.34 5.86	36.48 -4.78 6.04	32.48 -3.73 3.02	28.45 -2.43 1.53	27.09 -2.16 0.00
LOCUSVLY_69_KV_BK2 55797	26.01 2.24 -0.88	21.77 1.75 -1.76	20.44 1.53 -2.08	19.50 1.49 -0.86	20.33 1.49 -2.41	22.60 1.92 -0.01	32.36 2.67 -0.01	33.94 3.49 2.44	31.41 3.24 2.06	28.67 2.81 2.25	29.85 3.02 3.33	30.36 2.93 4.12	30.13 3.10 3.72	29.40 3.15 2.95	26.80 2.91 2.09	39.09 3.00 -7.82	49.64 3.41 -9.94	48.43 4.02 1.30	54.06 4.29 2.50	60.41 3.88 -9.84	62.58 3.74 -11.54	50.27 3.10 -7.96	48.18 2.63 -13.15	31.92 2.14 -0.54
LONG_LAKE_PHOENIX 24014	22.34 -0.64 -0.09	17.89 -0.55 -0.18	16.52 -0.52 -0.22	16.71 -0.53 -0.09	16.17 -0.51 -0.25	20.15 -0.52 0.00	28.91 -0.77 0.00	1.79 -0.89 30.22	3.94 -0.82 25.48	-5.07 -0.59 32.58	-11.78 -0.66 41.27	-19.70 -0.69 50.55	-18.13 -0.65 48.22	-14.75 -0.58 43.36	-11.56 -0.49 37.05	-11.71 -0.54 39.45	-19.80 -0.83 55.25	-24.97 -1.10 69.58	-20.18 -1.31 71.14	31.23 -1.77 13.69	31.28 -1.80 14.23	30.64 -1.49 7.09	27.55 -1.26 3.60	28.14 -1.11 0.00
LOVETT___3 23632	25.42 1.69 -0.84	21.25 1.30 -1.70	19.95 1.11 -2.01	19.10 1.11 -0.83	19.85 1.08 -2.34	22.05 1.38 0.00	31.67 1.99 0.00	33.06 2.70 2.52	30.58 2.48 2.13	27.43 2.05 2.73	28.94 2.23 3.46	29.55 2.24 4.23	28.98 2.27 4.04	27.99 2.42 3.63	25.14 2.26 3.10	27.32 2.35 3.30	34.35 2.69 4.63	43.08 3.20 5.82	49.61 3.29 5.96	48.53 2.99 1.15	49.09 2.98 1.19	41.02 2.39 0.59	34.05 1.94 0.30	30.77 1.52 0.00
LOVETT___4 23642	25.42 1.69 -0.84	21.25 1.30 -1.70	19.95 1.11 -2.01	19.10 1.11 -0.83	19.85 1.08 -2.34	22.05 1.38 0.00	31.67 1.99 0.00	33.06 2.70 2.52	30.58 2.48 2.13	27.43 2.05 2.73	28.94 2.23 3.46	29.55 2.24 4.23	28.98 2.27 4.04	27.99 2.42 3.63	25.14 2.26 3.10	27.32 2.35 3.30	34.35 2.69 4.63	43.08 3.20 5.82	49.61 3.29 5.96	48.53 2.99 1.15	49.09 2.98 1.19	41.02 2.39 0.59	34.05 1.94 0.30	30.77 1.52 0.00
LOVETT___5 23593	25.42 1.69 -0.84	21.25 1.30 -1.70	19.95 1.11 -2.01	19.10 1.11 -0.83	19.85 1.08 -2.34	22.05 1.38 0.00	31.67 1.99 0.00	33.06 2.70 2.52	30.58 2.48 2.13	27.43 2.05 2.73	28.94 2.23 3.46	29.55 2.24 4.23	28.98 2.27 4.04	27.99 2.42 3.63	25.14 2.26 3.10	27.32 2.35 3.30	34.35 2.69 4.63	43.08 3.20 5.82	49.61 3.29 5.96	48.53 2.99 1.15	49.09 2.98 1.19	41.02 2.39 0.59	34.05 1.94 0.30	30.77 1.52 0.00
LOWER RAQUET___HYD 24057	21.88 -1.03 -0.02	17.60 -0.69 -0.03	16.33 -0.54 -0.04	16.57 -0.60 -0.02	15.89 -0.58 -0.04	19.67 -0.99 0.00	28.20 -1.48 0.00	17.43 -1.94 13.52	24.27 -1.94 4.03	21.21 -1.74 5.15	21.77 -1.87 6.52	21.76 -1.80 7.99	21.24 -1.88 7.62	8.64 -1.84 18.72	7.70 -1.69 16.59	8.86 -1.78 17.64	25.63 -1.92 8.73	32.47 -2.24 10.99	38.99 -2.04 11.24	42.99 -1.54 2.16	43.92 -1.14 2.25	37.24 -0.86 1.12	31.36 -0.49 0.57	28.87 -0.38 0.00
LOWER___HUDSON 24059	24.82 0.82 -1.11	21.15 0.64 -2.25	20.08 0.59 -2.66	18.87 0.62 -1.10	20.12 0.59 -3.10	21.47 0.81 0.00	30.81 1.13 0.00	32.69 1.35 1.56	30.05 1.12 1.31	27.25 0.82 1.67	28.74 0.69 2.12	29.61 0.66 2.59	29.03 0.77 2.47	27.88 0.91 2.22	25.07 0.99 1.90	27.21 0.96 2.02	34.22 0.76 2.83	43.05 0.91 3.57	49.87 1.25 3.65	47.39 1.40 0.70	47.89 1.32 0.73	39.95 1.10 0.36	33.04 0.81 0.18	29.95 0.70 0.00
LOWVILLE_115KV_TB2 356335	22.93 0.00 -0.04	18.36 0.02 -0.08	16.94 0.02 -0.10	16.95 -0.24 -0.04	16.36 -0.18 -0.11	20.48 -0.19 0.00	29.53 -0.15 0.00	19.92 -0.16 12.80	20.81 -0.42 9.00	15.83 -0.76 11.51	14.76 -0.81 14.58	12.79 -0.88 17.86	12.78 -0.92 17.04	10.14 -0.85 18.21	9.52 -0.75 15.70	10.77 -0.79 16.71	15.89 -0.87 19.52	20.30 -0.82 24.59	26.77 -0.37 25.14	41.67 -0.19 4.84	42.27 0.00 5.03	36.67 -0.04 2.51	31.11 -0.03 1.27	29.46 0.20 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	25.00 0.98 -1.12	21.29 0.75 -2.28	20.22 0.69 -2.70	18.99 0.72 -1.12	20.26 0.69 -3.15	21.63 0.97 0.00	31.13 1.45 0.00	33.09 1.71 1.51	30.33 1.36 1.27	27.43 0.96 1.62	28.98 0.87 2.06	29.90 0.88 2.52	29.26 0.92 2.40	28.11 1.08 2.16	25.23 1.09 1.85	27.47 1.16 1.97	34.69 1.16 2.76	43.74 1.51 3.47	50.71 1.99 3.55	48.02 2.01 0.68	48.63 2.03 0.71	40.47 1.61 0.35	33.46 1.23 0.18	30.28 1.02 0.00

LUTHERNY_35_KV_BK2 355980	25.00 0.98 -1.12	21.31 0.77 -2.28	20.24 0.71 -2.70	19.01 0.74 -1.12	20.28 0.71 -3.15	21.65 0.99 0.00	31.13 1.45 0.00	33.12 1.74 1.51	30.33 1.36 1.27	27.46 0.98 1.62	29.01 0.90 2.06	29.90 0.88 2.52	29.29 0.95 2.40	28.11 1.08 2.16	25.25 1.12 1.85	27.50 1.19 1.97	34.69 1.16 2.76	43.79 1.55 3.47	50.71 1.99 3.55	48.06 2.05 0.68	48.63 2.03 0.71	40.51 1.65 0.35	33.49 1.26 0.18	30.28 1.02 0.00
LWR___OSWEGATCHIE_HYD 23850	22.26 -0.66 -0.03	17.86 -0.46 -0.06	16.51 -0.39 -0.07	16.67 -0.51 -0.03	16.03 -0.48 -0.08	19.98 -0.68 0.00	28.73 -0.95 0.00	17.43 -1.18 14.28	21.75 -1.33 7.16	17.52 -1.43 9.15	17.03 -1.54 11.59	15.80 -1.55 14.19	15.60 -1.60 13.54	7.64 -1.52 20.03	7.09 -1.38 17.52	8.20 -1.44 18.63	19.14 -1.63 15.51	24.39 -1.78 19.53	30.83 -1.46 19.97	41.77 -1.07 3.84	42.50 -0.80 3.99	36.60 -0.63 1.99	30.98 -0.42 1.01	28.96 -0.29 0.00
LYONS_FALL_HYD 23570	23.04 0.12 -0.04	18.43 0.09 -0.08	17.01 0.08 -0.09	17.12 -0.07 -0.04	16.50 -0.03 -0.11	20.68 0.02 0.00	29.80 0.12 0.00	22.56 0.20 10.53	22.33 -0.03 7.88	17.69 -0.34 10.07	17.04 -0.36 12.76	15.50 -0.41 15.63	15.37 -0.46 14.91	13.76 -0.41 15.02	12.72 -0.34 12.92	14.19 -0.34 13.75	18.84 -0.36 17.09	23.92 -0.27 21.51	30.38 0.10 22.00	42.65 0.19 4.23	43.19 0.29 4.40	37.26 0.24 2.19	31.46 0.16 1.11	29.51 0.26 0.00
MADISON___COUNTY_LFGE 323628	23.32 0.37 -0.07	18.67 0.27 -0.13	17.23 0.24 -0.16	17.42 0.21 -0.07	16.84 0.23 -0.19	21.08 0.41 0.00	30.33 0.65 0.00	20.01 0.89 13.77	19.32 0.70 11.61	13.62 0.37 14.85	11.74 0.39 18.81	8.88 0.38 23.04	9.10 0.34 21.98	9.78 0.35 19.76	9.46 0.36 16.89	10.69 0.40 17.98	11.61 0.51 25.18	14.72 0.73 31.71	20.89 1.05 32.42	41.34 0.89 6.24	41.72 0.90 6.48	36.73 0.75 3.23	31.32 0.55 1.64	29.66 0.41 0.00
MALONE___115KV_TB1 356076	22.25 -0.64 0.00	17.84 -0.42 0.00	16.49 -0.34 0.00	16.78 -0.38 0.00	16.03 -0.39 0.00	19.86 -0.81 0.00	28.49 -1.19 0.00	18.32 -1.45 13.12	26.44 -1.42 2.38	23.91 -1.15 3.04	24.98 -1.33 3.85	25.46 -1.36 4.72	24.79 -1.44 4.50	9.74 -1.43 18.02	8.60 -1.27 16.11	9.86 -1.30 17.12	29.79 -1.34 5.16	37.93 -1.28 6.50	44.69 -0.94 6.64	44.85 -0.56 1.28	45.88 -0.09 1.33	38.44 -0.12 0.66	32.07 0.00 0.34	29.25 0.00 0.00
MAPLEWOD_115KV_TB3 80458	24.68 0.69 -1.10	21.08 0.58 -2.23	20.01 0.54 -2.64	18.81 0.57 -1.09	20.04 0.54 -3.08	21.39 0.72 0.00	30.66 0.98 0.00	32.37 1.09 1.60	29.76 0.88 1.35	27.02 0.65 1.73	28.55 0.57 2.19	29.40 0.54 2.68	28.80 0.61 2.55	27.66 0.76 2.30	24.85 0.83 1.96	27.01 0.82 2.09	33.98 0.62 2.93	42.66 0.64 3.68	49.39 0.89 3.77	46.99 1.03 0.72	47.54 0.99 0.75	39.63 0.78 0.38	32.83 0.62 0.19	29.81 0.56 0.00
MAPLE_RIDGE_WT_1 323574	22.52 -0.37 0.00	17.99 -0.27 0.00	16.59 -0.24 0.00	16.91 -0.24 0.00	16.19 -0.23 0.00	20.31 -0.35 0.00	28.70 -0.98 0.00	8.01 -1.12 23.77	28.00 -1.00 1.24	25.65 -0.87 1.59	27.18 -0.97 2.01	28.01 -1.07 2.46	27.26 -1.14 2.35	-4.23 -1.08 32.35	-4.17 -0.99 29.17	-3.78 -1.07 30.98	32.22 -1.38 2.69	40.76 -1.55 3.39	47.29 -1.52 3.46	44.86 -1.17 0.67	45.47 -1.14 0.69	37.90 -0.98 0.35	31.43 -0.81 0.18	28.58 -0.67 0.00
MAPLE_RIDGE_WT_2 323611	22.52 -0.37 0.00	17.99 -0.27 0.00	16.59 -0.24 0.00	16.91 -0.24 0.00	16.19 -0.23 0.00	20.31 -0.35 0.00	28.70 -0.98 0.00	8.01 -1.12 23.77	28.00 -1.00 1.24	25.65 -0.87 1.59	27.18 -0.97 2.01	28.01 -1.07 2.46	27.26 -1.14 2.35	-4.23 -1.08 32.35	-4.17 -0.99 29.17	-3.78 -1.07 30.98	32.22 -1.38 2.69	40.76 -1.55 3.39	47.29 -1.52 3.46	44.86 -1.17 0.67	45.47 -1.14 0.69	37.90 -0.98 0.35	31.43 -0.81 0.18	28.58 -0.67 0.00
MARBLE_RIVER_WT_PWR 323696	22.13 -0.75 0.00	17.75 -0.51 0.00	16.38 -0.45 0.00	16.67 -0.48 0.00	15.91 -0.51 0.00	19.71 -0.95 0.00	28.29 -1.39 0.00	18.25 -1.71 12.93	27.04 -1.60 1.59	24.78 -1.29 2.03	26.17 -1.42 2.57	26.91 -1.48 3.15	26.20 -1.54 3.01	9.96 -1.55 17.69	8.70 -1.40 15.88	9.99 -1.41 16.87	31.39 -1.45 3.45	39.95 -1.42 4.34	46.63 -1.20 4.44	45.00 -0.84 0.85	45.89 -0.52 0.89	38.35 -0.43 0.44	31.89 -0.29 0.22	29.05 -0.20 0.00
MARSHVLE_115KV_TB1 80742	25.61 1.46 -1.26	21.91 1.10 -2.55	20.86 1.01 -3.02	19.47 1.06 -1.25	20.98 1.03 -3.52	22.17 1.51 0.00	31.73 2.05 0.00	34.76 3.35 1.48	31.23 2.24 1.25	27.86 1.35 1.60	29.53 1.39 2.02	30.52 1.45 2.48	29.70 1.32 2.36	28.50 1.43 2.12	25.60 1.43 1.81	28.01 1.67 1.93	35.58 2.00 2.71	45.54 3.24 3.41	53.70 4.91 3.48	51.20 5.18 0.67	51.90 5.30 0.70	43.03 4.16 0.35	35.57 3.34 0.18	31.94 2.69 0.00
MARSH_HILL_WT_PWR 323713	22.20 -0.89 -0.20	17.92 -0.75 -0.41	16.61 -0.71 -0.48	16.67 -0.69 -0.20	16.38 -0.61 -0.56	20.35 -0.31 0.00	29.05 -0.62 0.00	18.48 0.40 14.80	18.50 1.09 12.83	12.55 0.84 16.40	10.23 0.84 20.77	6.86 0.76 25.44	7.09 0.61 24.26	7.87 0.50 21.82	7.78 0.44 18.65	8.79 0.37 19.85	8.96 0.47 27.80	11.48 0.78 35.01	17.69 1.20 35.78	39.88 -0.09 6.72	40.27 -0.05 6.98	35.82 0.08 3.48	30.69 0.10 1.81	28.67 -0.58 0.00
MCINTYRE_115KV_TB2 80467	22.41 -0.48 0.00	17.99 -0.27 0.00	16.64 -0.19 0.00	16.91 -0.24 0.00	16.21 -0.21 0.00	20.10 -0.56 0.00	29.00 -0.68 0.00	18.40 -1.12 13.37	25.52 -1.30 3.41	22.53 -1.21 4.36	23.27 -1.36 5.53	23.44 -1.32 6.77	22.87 -1.41 6.46	9.28 -1.46 18.46	8.27 -1.30 16.41	9.50 -1.33 17.44	27.47 -1.42 7.40	34.97 -1.42 9.32	41.85 -0.89 9.53	44.48 -0.37 1.83	45.44 0.05 1.91	38.35 0.08 0.95	32.12 0.19 0.48	29.40 0.15 0.00
MECO_____69_KV_BK1 80468	25.66 1.56 -1.21	21.88 1.17 -2.46	20.82 1.08 -2.91	19.49 1.13 -1.20	20.90 1.08 -3.39	22.27 1.61 0.00	31.99 2.32 0.00	34.63 3.22 1.48	31.23 2.24 1.25	27.94 1.43 1.60	29.56 1.42 2.02	30.52 1.45 2.48	29.70 1.32 2.36	28.53 1.46 2.12	25.60 1.43 1.81	28.01 1.67 1.93	35.61 2.03 2.71	45.50 3.20 3.41	53.44 4.65 3.48	50.74 4.72 0.67	51.43 4.82 0.70	42.68 3.80 0.35	35.21 2.98 0.18	31.65 2.40 0.00
MENANDS___115KV_TB5 355628	24.58 0.60 -1.10	21.02 0.53 -2.23	19.97 0.50 -2.64	18.76 0.51 -1.09	19.99 0.49 -3.07	21.32 0.66 0.00	30.54 0.86 0.00	32.23 0.95 1.61	29.64 0.76 1.36	26.90 0.53 1.73	28.45 0.48 2.20	29.29 0.44 2.69	28.70 0.52 2.57	27.56 0.67 2.31	24.74 0.73 1.97	26.88 0.71 2.10	33.82 0.47 2.94	42.41 0.41 3.70	49.06 0.57 3.78	46.71 0.75 0.73	47.25 0.71 0.76	39.43 0.59 0.38	32.64 0.42 0.19	29.66 0.41 0.00
MG INDUSTRY___DRP 24185	24.43 0.48 -1.06	20.85 0.44 -2.15	19.78 0.40 -2.55	18.63 0.43 -1.05	19.80 0.41 -2.96	21.26 0.60 0.00	30.45 0.77 0.00	31.93 0.79 1.75	29.30 0.54 1.48	26.55 0.34 1.89	28.01 0.24 2.39	28.80 0.19 2.93	28.19 0.25 2.79	27.06 0.38 2.51	24.30 0.47 2.15	26.44 0.45 2.29	33.41 0.33 3.20	42.04 0.37 4.03	48.72 0.57 4.12	46.60 0.70 0.79	47.14 0.66 0.82	39.36 0.55 0.41	32.65 0.45 0.21	29.69 0.44 0.00

MID___OSWEGATCHIE_HYD 23849	22.26 -0.66 -0.03	17.86 -0.46 -0.06	16.51 -0.39 -0.07	16.67 -0.51 -0.03	16.03 -0.48 -0.08	19.98 -0.68 0.00	28.73 -0.95 0.00	17.43 -1.18 14.28	21.75 -1.33 7.16	17.52 -1.43 9.15	17.03 -1.54 11.59	15.80 -1.55 14.19	15.60 -1.60 13.54	7.64 -1.52 20.03	7.09 -1.38 17.52	8.20 -1.44 18.63	19.14 -1.63 15.51	24.39 -1.78 19.53	30.83 -1.46 19.97	41.77 -1.07 3.84	42.50 -0.80 3.99	36.60 -0.63 1.99	30.98 -0.42 1.01	28.96 -0.29 0.00
MID___RAQUETTE_HYD 23851	21.88 -1.03 -0.02	17.60 -0.69 -0.03	16.33 -0.54 -0.04	16.57 -0.60 -0.02	15.89 -0.57 -0.04	19.65 -1.01 0.00	28.20 -1.48 0.00	17.43 -1.94 13.52	24.27 -1.94 4.03	21.21 -1.74 5.15	21.77 -1.87 6.52	21.75 -1.80 7.99	21.24 -1.88 7.62	8.64 -1.84 18.72	7.70 -1.69 16.59	8.85 -1.78 17.64	25.63 -1.92 8.73	32.47 -2.24 10.99	38.99 -2.04 11.24	42.99 -1.54 2.16	43.92 -1.14 2.25	37.24 -0.86 1.12	31.35 -0.49 0.57	28.87 -0.38 0.00
MILLIKEN___1 23584	23.23 0.14 -0.20	18.75 0.07 -0.41	17.37 0.05 -0.49	17.41 0.05 -0.20	17.06 0.07 -0.57	20.95 0.29 0.00	30.07 0.39 0.00	13.08 0.79 20.60	13.49 0.63 17.38	6.33 0.45 22.22	2.40 0.39 28.15	-2.59 0.35 34.48	-1.85 0.31 32.89	-0.06 0.32 29.58	1.07 0.36 25.28	1.76 0.40 26.91	-0.97 0.44 37.69	-1.12 0.64 47.46	4.58 0.84 48.53	37.74 0.37 9.32	37.99 0.38 9.69	34.70 0.31 4.83	30.15 0.19 2.45	29.31 0.06 0.00
MILLIKEN___2 23585	23.23 0.14 -0.20	18.75 0.07 -0.41	17.37 0.05 -0.49	17.41 0.05 -0.20	17.06 0.07 -0.57	20.95 0.29 0.00	30.07 0.39 0.00	13.08 0.79 20.60	13.49 0.63 17.38	6.33 0.45 22.22	2.40 0.39 28.15	-2.59 0.35 34.48	-1.85 0.31 32.89	-0.06 0.32 29.58	1.07 0.36 25.28	1.76 0.40 26.91	-0.97 0.44 37.69	-1.12 0.64 47.46	4.58 0.84 48.53	37.74 0.37 9.32	37.99 0.38 9.69	34.70 0.31 4.83	30.15 0.19 2.45	29.31 0.06 0.00
MILLIKEN___DIESEL 23629	23.23 0.14 -0.20	18.75 0.07 -0.41	17.37 0.05 -0.49	17.41 0.05 -0.20	17.06 0.07 -0.57	20.95 0.29 0.00	30.07 0.39 0.00	13.08 0.79 20.60	13.49 0.63 17.38	6.33 0.45 22.22	2.40 0.39 28.15	-2.59 0.35 34.48	-1.85 0.31 32.89	-0.06 0.32 29.58	1.07 0.36 25.28	1.76 0.40 26.91	-0.97 0.44 37.69	-1.12 0.64 47.46	4.58 0.84 48.53	37.74 0.37 9.32	37.99 0.38 9.69	34.70 0.31 4.83	30.15 0.19 2.45	29.31 0.06 0.00
MILLSEAT___LFGE 323607	22.02 -1.01 -0.14	17.63 -0.91 -0.28	16.28 -0.88 -0.33	16.47 -0.82 -0.14	16.05 -0.76 -0.39	19.96 -0.70 0.00	28.49 -1.19 0.00	19.94 -0.13 12.82	19.58 0.15 10.81	14.62 0.34 13.82	13.02 0.42 17.56	10.63 0.60 21.51	10.59 0.37 20.52	11.04 0.29 18.45	10.60 0.34 15.72	11.77 0.28 16.79	13.14 0.29 23.44	16.24 0.05 29.51	21.72 -0.36 30.18	37.79 -3.03 5.87	37.93 -3.31 6.06	33.57 -2.63 3.03	29.26 -1.62 1.53	27.70 -1.55 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	25.51 1.76 -0.86	21.33 1.33 -1.74	20.03 1.14 -2.06	19.15 1.15 -0.85	19.94 1.12 -2.40	22.09 1.43 0.00	31.70 2.02 0.00	33.15 2.73 2.47	30.66 2.51 2.09	27.61 2.08 2.57	29.05 2.26 3.37	29.64 2.24 4.14	29.15 2.31 3.90	28.23 2.45 3.42	25.44 2.29 2.83	27.60 2.38 3.05	34.49 2.69 4.49	43.21 3.20 5.70	49.74 3.29 5.83	48.60 3.03 1.12	49.16 3.03 1.16	41.07 2.43 0.58	34.06 1.94 0.29	30.77 1.52 0.00
MILLWOOD_13_KV_LOAD 356217	25.53 1.79 -0.86	21.35 1.35 -1.74	20.05 1.16 -2.06	19.17 1.17 -0.85	19.97 1.15 -2.40	22.11 1.45 0.00	31.73 2.05 0.00	33.19 2.76 2.47	30.69 2.54 2.09	27.64 2.11 2.57	29.08 2.29 3.37	29.67 2.27 4.14	29.15 2.31 3.90	28.25 2.48 3.42	25.44 2.29 2.83	27.60 2.38 3.05	34.52 2.72 4.49	43.30 3.29 5.70	49.84 3.40 5.83	48.70 3.13 1.12	49.26 3.12 1.16	41.15 2.51 0.58	34.12 2.01 0.29	30.83 1.58 0.00
MODEL_CITY_ENERGY 24167	21.37 -1.67 -0.15	17.13 -1.42 -0.30	15.85 -1.33 -0.35	15.98 -1.32 -0.15	15.62 -1.22 -0.41	19.32 -1.34 0.00	27.39 -2.28 0.00	19.03 -1.12 12.74	18.83 -0.67 10.74	14.06 -0.31 13.73	12.50 -0.15 17.50	10.13 0.03 21.44	10.11 -0.18 20.45	10.57 -0.23 18.39	10.21 -0.15 15.62	11.29 -0.25 16.73	12.53 -0.47 23.28	15.38 -1.01 29.32	20.40 -1.88 30.00	35.98 -4.81 5.90	35.93 -5.30 6.08	32.03 -4.16 3.03	28.19 -2.69 1.53	26.79 -2.46 0.00
MODERN_LFGE___ 323580	21.37 -1.67 -0.15	17.13 -1.42 -0.30	15.85 -1.33 -0.35	15.98 -1.32 -0.15	15.62 -1.22 -0.41	19.32 -1.34 0.00	27.39 -2.28 0.00	19.03 -1.12 12.74	18.83 -0.67 10.74	14.06 -0.31 13.73	12.50 -0.15 17.50	10.13 0.03 21.44	10.11 -0.18 20.45	10.57 -0.23 18.39	10.21 -0.15 15.62	11.29 -0.25 16.73	12.53 -0.47 23.28	15.38 -1.01 29.32	20.40 -1.88 30.00	35.98 -4.81 5.90	35.93 -5.30 6.08	32.03 -4.16 3.03	28.19 -2.69 1.53	26.79 -2.46 0.00
MOHAWK_PAPER___DRP 24187	24.68 0.69 -1.10	21.08 0.58 -2.23	20.01 0.54 -2.64	18.81 0.57 -1.09	20.04 0.54 -3.08	21.39 0.72 0.00	30.66 0.98 0.00	32.37 1.09 1.60	29.76 0.88 1.35	27.02 0.65 1.73	28.55 0.57 2.19	29.40 0.54 2.68	28.80 0.61 2.55	27.66 0.76 2.30	24.85 0.83 1.96	27.01 0.82 2.09	33.98 0.62 2.93	42.66 0.64 3.68	49.39 0.89 3.77	46.99 1.03 0.72	47.54 0.99 0.75	39.63 0.78 0.38	32.83 0.62 0.19	29.81 0.56 0.00
MOHICAN___35_KV_115KV_LD 80490	25.02 1.01 -1.13	21.29 0.75 -2.28	20.23 0.69 -2.71	19.01 0.74 -1.12	20.28 0.71 -3.15	21.72 1.05 0.00	31.28 1.60 0.00	33.29 1.91 1.51	30.39 1.42 1.27	27.44 0.96 1.62	28.95 0.84 2.06	29.87 0.85 2.52	29.23 0.89 2.40	28.09 1.05 2.16	25.20 1.07 1.85	27.50 1.19 1.96	34.73 1.20 2.75	43.93 1.69 3.46	50.98 2.25 3.54	48.34 2.33 0.68	48.91 2.32 0.71	40.71 1.84 0.35	33.59 1.36 0.18	30.30 1.05 0.00
MONGAUP___HYD 23641	25.23 1.56 -0.79	21.04 1.19 -1.59	19.74 1.03 -1.89	18.98 1.05 -0.78	19.66 1.04 -2.20	21.96 1.30 0.00	31.37 1.69 0.00	31.90 1.68 2.67	29.40 1.42 2.26	26.20 0.98 2.89	27.98 1.48 3.66	28.54 1.48 4.48	27.94 1.48 4.27	26.96 1.60 3.84	24.23 1.53 3.28	25.94 1.16 3.50	32.69 1.30 4.90	41.23 1.69 6.17	47.69 1.72 6.31	47.25 1.77 1.21	47.79 1.75 1.26	40.04 1.45 0.63	33.48 1.39 0.32	30.45 1.20 0.00
MONTAUK___DIESEL 23721	26.30 2.54 -0.87	21.99 1.97 -1.75	20.61 1.70 -2.08	19.62 1.61 -0.86	20.49 1.66 -2.41	22.78 2.11 -0.01	32.63 2.94 -0.01	33.87 3.42 2.45	31.19 3.02 2.07	28.15 2.53 2.48	29.37 2.56 3.35	30.04 2.62 4.12	29.79 2.89 3.84	29.04 3.12 3.28	26.27 2.91 2.62	34.83 2.83 -3.73	44.44 3.37 -4.77	47.01 4.16 2.85	59.47 4.76 -2.44	56.83 4.11 -6.03	58.41 4.07 -7.04	47.69 3.49 -4.98	43.21 2.43 -8.37	31.91 2.31 -0.35
MOONROAD_115KV_HARTFLD_TB1-2 355988	22.05 -1.01 -0.17	17.80 -0.80 -0.34	16.51 -0.72 -0.41	16.62 -0.70 -0.17	16.31 -0.59 -0.47	20.46 -0.21 0.00	29.03 -0.65 0.00	20.73 1.09 13.25	20.31 1.27 11.19	15.06 1.26 14.30	13.55 1.51 18.12	11.06 1.70 22.19	10.93 1.35 21.17	11.45 1.28 19.03	10.91 1.20 16.27	12.12 1.16 17.32	13.56 1.52 24.25	16.87 1.69 30.53	22.49 1.41 31.19	39.98 -1.03 5.69	39.94 -1.47 5.90	35.22 -1.06 2.94	30.27 -0.55 1.59	28.20 -1.05 0.00

MORRIS_RIDGE___SOLAR 323848	22.10 -0.98 -0.19	17.81 -0.84 -0.39	16.52 -0.77 -0.46	16.57 -0.77 -0.19	16.29 -0.67 -0.54	20.17 -0.50 0.00	28.73 -0.95 0.00	18.80 0.00 14.09	18.49 0.09 11.84	13.14 0.17 15.13	11.12 0.12 19.17	8.07 0.00 23.47	8.23 -0.12 22.39	8.95 -0.12 20.13	8.73 -0.05 17.21	9.85 -0.11 18.32	10.38 -0.25 25.65	12.99 -0.41 32.30	18.68 -0.57 33.01	38.38 -2.10 6.21	38.64 -2.22 6.44	34.32 -1.69 3.21	29.67 -1.07 1.67	28.08 -1.17 0.00
MORTIMER_115KV_TB3 55949	22.27 -0.73 -0.12	17.84 -0.66 -0.24	16.47 -0.64 -0.28	16.67 -0.60 -0.12	16.19 -0.56 -0.33	20.04 -0.62 0.00	28.67 -1.01 0.00	19.21 -0.76 12.93	18.83 -0.51 10.90	13.81 -0.37 13.93	12.14 -0.36 17.65	9.63 -0.28 21.62	9.74 -0.37 20.63	10.27 -0.38 18.55	9.88 -0.26 15.84	11.06 -0.34 16.87	12.12 -0.54 23.62	15.04 -0.91 29.75	20.54 -1.31 30.42	38.07 -2.75 5.87	38.18 -3.03 6.09	33.71 -2.47 3.04	29.09 -1.78 1.54	27.94 -1.32 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	25.74 1.99 -0.86	21.52 1.52 -1.75	20.21 1.31 -2.07	19.31 1.30 -0.86	20.10 1.26 -2.41	22.29 1.63 0.00	31.94 2.26 0.00	33.53 3.09 2.45	31.00 2.84 2.07	32.62 2.42 -2.10	29.96 2.62 2.83	30.07 2.62 4.09	32.00 2.67 1.42	34.86 2.80 -2.86	35.88 2.60 -7.30	36.99 2.71 -6.00	36.79 3.12 2.61	43.81 3.75 5.64	50.30 3.82 5.79	49.08 3.50 1.11	49.64 3.50 1.16	41.43 2.78 0.58	34.35 2.24 0.29	31.01 1.76 0.00
MUNSVILLE_WIND_PWR 323609	24.17 0.98 -0.30	19.61 0.75 -0.60	18.20 0.66 -0.72	18.12 0.67 -0.30	17.96 0.71 -0.83	21.88 1.22 0.00	31.52 1.84 0.00	18.36 2.90 17.43	17.80 2.27 14.71	10.73 1.43 18.80	7.91 1.57 23.82	3.85 1.48 29.17	4.08 1.17 27.82	5.20 1.02 25.02	5.64 1.04 21.38	6.70 1.19 22.76	6.07 1.67 31.88	8.21 2.65 40.15	14.83 3.60 41.05	41.81 2.99 7.87	42.38 3.26 8.18	37.77 2.63 4.08	32.41 2.08 2.08	30.74 1.49 0.00
N SALMON___HYD 24042	22.25 -0.64 0.00	17.84 -0.42 0.00	16.49 -0.34 0.00	16.78 -0.38 0.00	16.03 -0.39 0.00	19.88 -0.79 0.00	28.49 -1.19 0.00	18.32 -1.45 13.12	26.44 -1.42 2.38	23.91 -1.15 3.04	24.98 -1.33 3.85	25.47 -1.36 4.72	24.79 -1.44 4.50	9.74 -1.43 18.02	8.60 -1.27 16.11	9.86 -1.30 17.12	29.79 -1.34 5.16	37.93 -1.28 6.50	44.69 -0.94 6.64	44.85 -0.56 1.28	45.88 -0.09 1.33	38.44 -0.12 0.66	32.07 0.00 0.34	29.25 0.00 0.00
N.AKRON___115KV_KNAPP 355671	21.95 -1.08 -0.14	17.59 -0.95 -0.28	16.26 -0.91 -0.34	16.43 -0.86 -0.14	16.03 -0.79 -0.39	19.92 -0.74 0.00	28.40 -1.28 0.00	19.88 -0.20 12.81	19.55 0.12 10.80	14.63 0.34 13.81	13.03 0.42 17.55	10.64 0.60 21.50	10.60 0.37 20.51	11.05 0.29 18.44	10.61 0.34 15.71	11.75 0.25 16.78	13.16 0.29 23.42	16.22 0.00 29.49	21.64 -0.47 30.16	37.65 -3.17 5.87	37.60 -3.64 6.06	33.33 -2.86 3.02	29.13 -1.75 1.53	27.64 -1.61 0.00
N.E_GEN_SANDY PD 24062	27.00 0.96 -3.15	25.29 0.77 -6.26	24.10 0.71 -6.56	24.10 0.72 -6.23	25.10 0.69 -7.99	31.00 0.89 -9.45	34.20 1.25 -3.27	35.90 1.51 -1.49	30.12 1.33 1.44	27.27 1.01 1.84	28.70 0.88 2.33	29.50 0.82 2.86	29.00 0.98 2.73	27.85 1.11 2.45	26.70 1.20 0.48	27.18 1.13 2.23	33.93 0.76 3.12	42.59 0.82 3.94	49.50 1.25 4.02	47.41 1.49 0.77	47.87 1.37 0.80	39.99 1.18 0.40	33.08 0.88 0.20	30.01 0.76 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	25.46 1.74 -0.83	21.28 1.33 -1.69	19.98 1.14 -2.00	19.13 1.15 -0.83	19.87 1.12 -2.33	22.09 1.43 0.00	31.73 2.05 0.00	33.12 2.76 2.53	30.63 2.54 2.14	27.50 2.14 2.74	28.98 2.29 3.47	29.59 2.30 4.25	29.05 2.37 4.05	28.06 2.51 3.64	25.21 2.34 3.11	27.39 2.43 3.32	34.44 2.79 4.64	43.19 3.34 5.85	49.74 3.45 5.98	48.71 3.17 1.15	49.23 3.12 1.20	41.13 2.51 0.60	34.15 2.04 0.30	30.83 1.58 0.00
N.QUEENS_27_KV_LOAD 356247	25.76 2.01 -0.86	21.61 1.61 -1.75	20.23 1.33 -2.07	19.29 1.29 -0.86	20.10 1.26 -2.41	22.31 1.65 0.00	31.79 2.11 0.00	33.43 2.99 2.46	31.00 2.84 2.07	31.30 2.47 -0.73	29.86 2.68 2.99	30.15 2.71 4.11	31.33 2.74 2.14	33.08 2.86 -1.02	32.97 2.65 -4.34	34.40 2.77 -3.36	36.32 3.19 3.16	43.84 3.79 5.66	50.14 3.66 5.79	48.94 3.36 1.11	49.45 3.31 1.16	41.23 2.59 0.58	34.19 2.07 0.29	30.83 1.58 0.00
N.TROY___115KV_TB1 355778	24.82 0.82 -1.11	21.15 0.64 -2.25	20.08 0.59 -2.66	18.87 0.62 -1.10	20.12 0.59 -3.10	21.47 0.81 0.00	30.81 1.13 0.00	32.69 1.35 1.56	30.05 1.12 1.31	27.25 0.81 1.67	28.77 0.72 2.12	29.64 0.69 2.59	29.03 0.77 2.47	27.88 0.91 2.22	25.07 0.99 1.90	27.21 0.96 2.02	34.21 0.76 2.83	43.05 0.91 3.57	49.88 1.25 3.65	47.39 1.40 0.70	47.90 1.32 0.73	39.95 1.10 0.36	33.03 0.81 0.18	29.95 0.70 0.00
NARROWS_GT1_1 24228	25.90 2.15 -0.86	21.63 1.62 -1.75	20.28 1.38 -2.07	19.36 1.35 -0.86	20.15 1.31 -2.41	22.33 1.67 0.00	31.97 2.29 0.00	33.66 3.23 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	30.01 2.74 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.47 2.83 0.58	34.48 2.36 0.29	31.10 1.84 0.00
NARROWS_GT1_2 24229	25.90 2.15 -0.86	21.63 1.62 -1.75	20.28 1.38 -2.07	19.36 1.35 -0.86	20.15 1.31 -2.41	22.33 1.67 0.00	31.97 2.29 0.00	33.66 3.23 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	30.01 2.74 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.47 2.83 0.58	34.48 2.36 0.29	31.10 1.84 0.00
NARROWS_GT1_3 24230	25.90 2.15 -0.86	21.63 1.62 -1.75	20.28 1.38 -2.07	19.36 1.35 -0.86	20.15 1.31 -2.41	22.33 1.67 0.00	31.97 2.29 0.00	33.66 3.23 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	30.01 2.74 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.47 2.83 0.58	34.48 2.36 0.29	31.10 1.84 0.00
NARROWS_GT1_4 24231	25.90 2.15 -0.86	21.63 1.62 -1.75	20.28 1.38 -2.07	19.36 1.35 -0.86	20.15 1.31 -2.41	22.33 1.67 0.00	31.97 2.29 0.00	33.66 3.23 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	30.01 2.74 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.47 2.83 0.58	34.48 2.36 0.29	31.10 1.84 0.00
NARROWS_GT1_5 24232	25.90 2.15 -0.86	21.63 1.62 -1.75	20.28 1.38 -2.07	19.36 1.35 -0.86	20.15 1.31 -2.41	22.33 1.67 0.00	31.97 2.29 0.00	33.66 3.23 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	30.01 2.74 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.47 2.83 0.58	34.48 2.36 0.29	31.10 1.84 0.00

NARROWS_GT1_6 24233	25.90 2.15 -0.86	21.63 1.62 -1.75	20.28 1.38 -2.07	19.36 1.35 -0.86	20.15 1.31 -2.41	22.33 1.67 0.00	31.97 2.29 0.00	33.66 3.23 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	30.01 2.74 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.47 2.83 0.58	34.48 2.36 0.29	31.10 1.84 0.00
NARROWS_GT1_7 24234	25.90 2.15 -0.86	21.63 1.62 -1.75	20.28 1.38 -2.07	19.36 1.35 -0.86	20.15 1.31 -2.41	22.33 1.67 0.00	31.97 2.29 0.00	33.66 3.23 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	30.01 2.74 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.47 2.83 0.58	34.48 2.36 0.29	31.10 1.84 0.00
NARROWS_GT1_8 24235	25.90 2.15 -0.86	21.63 1.62 -1.75	20.28 1.38 -2.07	19.36 1.35 -0.86	20.15 1.31 -2.41	22.33 1.67 0.00	31.97 2.29 0.00	33.66 3.23 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	30.01 2.74 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.47 2.83 0.58	34.48 2.36 0.29	31.10 1.84 0.00
NARROWS_GT2_1 24236	25.90 2.15 -0.86	21.63 1.62 -1.75	20.28 1.38 -2.07	19.36 1.35 -0.86	20.15 1.31 -2.41	22.33 1.67 0.00	31.97 2.29 0.00	33.66 3.23 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	30.01 2.74 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.47 2.83 0.58	34.48 2.36 0.29	31.10 1.84 0.00
NARROWS_GT2_2 24237	25.90 2.15 -0.86	21.63 1.62 -1.75	20.28 1.38 -2.07	19.36 1.35 -0.86	20.15 1.31 -2.41	22.33 1.67 0.00	31.97 2.29 0.00	33.66 3.23 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	30.01 2.74 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.47 2.83 0.58	34.48 2.36 0.29	31.10 1.84 0.00
NARROWS_GT2_3 24238	25.90 2.15 -0.86	21.63 1.62 -1.75	20.28 1.38 -2.07	19.36 1.35 -0.86	20.15 1.31 -2.41	22.33 1.67 0.00	31.97 2.29 0.00	33.66 3.23 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	30.01 2.74 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.47 2.83 0.58	34.48 2.36 0.29	31.10 1.84 0.00
NARROWS_GT2_4 24239	25.90 2.15 -0.86	21.63 1.62 -1.75	20.28 1.38 -2.07	19.36 1.35 -0.86	20.15 1.31 -2.41	22.33 1.67 0.00	31.97 2.29 0.00	33.66 3.23 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	30.01 2.74 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.47 2.83 0.58	34.48 2.36 0.29	31.10 1.84 0.00
NARROWS_GT2_5 24240	25.90 2.15 -0.86	21.63 1.62 -1.75	20.28 1.38 -2.07	19.36 1.35 -0.86	20.15 1.31 -2.41	22.33 1.67 0.00	31.97 2.29 0.00	33.66 3.23 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	30.01 2.74 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.47 2.83 0.58	34.48 2.36 0.29	31.10 1.84 0.00
NARROWS_GT2_6 24241	25.90 2.15 -0.86	21.63 1.62 -1.75	20.28 1.38 -2.07	19.36 1.35 -0.86	20.15 1.31 -2.41	22.33 1.67 0.00	31.97 2.29 0.00	33.66 3.23 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	30.01 2.74 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.47 2.83 0.58	34.48 2.36 0.29	31.10 1.84 0.00
NARROWS_GT2_7 24242	25.90 2.15 -0.86	21.63 1.62 -1.75	20.28 1.38 -2.07	19.36 1.35 -0.86	20.15 1.31 -2.41	22.33 1.67 0.00	31.97 2.29 0.00	33.66 3.23 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	30.01 2.74 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.47 2.83 0.58	34.48 2.36 0.29	31.10 1.84 0.00
NARROWS_GT2_8 24243	25.90 2.15 -0.86	21.63 1.62 -1.75	20.28 1.38 -2.07	19.36 1.35 -0.86	20.15 1.31 -2.41	22.33 1.67 0.00	31.97 2.29 0.00	33.66 3.23 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	30.01 2.74 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.47 2.83 0.58	34.48 2.36 0.29	31.10 1.84 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	24.61 0.71 -1.01	20.93 0.62 -2.05	19.80 0.54 -2.43	18.72 0.57 -1.00	19.84 0.59 -2.83	21.82 1.16 0.00	31.34 1.66 0.00	32.75 1.78 1.92	29.95 1.33 1.62	26.84 0.81 2.07	28.17 0.63 2.63	28.89 0.57 3.22	28.35 0.68 3.07	27.23 0.79 2.76	24.46 0.83 2.36	26.70 0.93 2.51	33.46 0.69 3.51	42.19 0.91 4.43	49.00 1.25 4.53	47.31 1.49 0.87	47.82 1.42 0.90	40.02 1.26 0.45	33.12 0.94 0.23	30.07 0.82 0.00
NCHELSEA_115KV_TR2 355582	25.53 1.79 -0.86	21.37 1.37 -1.74	20.07 1.18 -2.06	19.19 1.18 -0.85	19.99 1.17 -2.40	22.15 1.49 0.00	31.82 2.14 0.00	33.22 2.80 2.46	30.72 2.57 2.09	27.51 2.08 2.67	28.98 2.20 3.38	29.61 2.21 4.14	29.06 2.27 3.95	28.07 2.42 3.55	25.21 2.26 3.04	27.39 2.35 3.23	34.48 2.72 4.53	43.34 3.34 5.70	49.89 3.45 5.83	48.79 3.22 1.12	49.30 3.17 1.17	41.23 2.59 0.58	34.19 2.07 0.29	30.89 1.64 0.00
NEG CAPITAL___MECHNVIL 23645	25.04 1.03 -1.12	21.32 0.78 -2.27	20.24 0.72 -2.69	19.02 0.75 -1.11	20.28 0.72 -3.13	21.67 1.01 0.00	31.16 1.48 0.00	33.14 1.77 1.52	30.38 1.42 1.28	27.48 1.01 1.64	29.02 0.94 2.07	29.95 0.95 2.54	29.33 1.01 2.42	28.16 1.14 2.18	25.29 1.17 1.86	27.54 1.24 1.98	34.71 1.20 2.78	43.81 1.60 3.49	50.73 2.04 3.57	48.11 2.10 0.69	48.67 2.08 0.71	40.55 1.69 0.36	33.49 1.26 0.18	30.30 1.05 0.00
NEG CENTRAL_HIGH_ACRES 23767	21.97 -1.03 -0.11	17.60 -0.89 -0.23	16.25 -0.86 -0.27	16.44 -0.82 -0.11	15.97 -0.77 -0.32	19.79 -0.87 0.00	28.37 -1.31 0.00	17.29 -1.18 14.42	17.12 -0.97 12.15	11.75 -0.82 15.54	9.60 -0.88 19.68	6.61 -0.82 24.11	6.88 -0.86 23.00	7.70 -0.82 20.68	7.64 -0.68 17.67	8.70 -0.76 18.81	8.85 -1.09 26.35	10.92 -1.60 33.18	16.30 -2.04 33.93	37.07 -3.08 6.54	37.29 -3.22 6.80	33.16 -2.67 3.39	28.65 -2.04 1.72	27.59 -1.67 0.00

NEG CENTRAL___DRP 24199	22.63 -0.39 -0.13	18.15 -0.37 -0.26	16.78 -0.35 -0.31	16.94 -0.34 -0.13	16.47 -0.31 -0.36	20.50 -0.17 0.00	29.41 -0.27 0.00	11.64 0.00 21.25	12.34 0.03 17.92	5.16 -0.03 22.91	1.10 -0.03 29.03	-4.07 -0.06 35.55	-3.27 -0.09 33.91	-1.36 -0.06 30.49	-0.08 0.00 26.06	0.51 -0.03 27.74	-2.71 -0.15 38.86	-3.36 -0.14 48.93	2.03 -0.21 50.03	36.13 -0.93 9.62	36.30 -0.99 10.00	33.41 -0.82 4.99	29.20 -0.68 2.53	28.58 -0.67 0.00
NEG CENTRAL___INDECK 23768	22.83 -0.23 -0.17	18.33 -0.27 -0.34	16.95 -0.29 -0.40	17.10 -0.22 -0.17	16.70 -0.20 -0.47	20.74 0.08 0.00	29.74 0.06 0.00	19.66 0.72 13.95	19.11 0.57 11.69	13.57 0.42 14.95	11.52 0.30 18.94	8.53 0.19 23.20	8.70 0.09 22.13	9.36 0.06 19.90	9.08 0.10 17.00	10.28 0.11 18.10	11.08 0.15 25.35	14.10 0.32 31.92	20.31 0.68 32.64	39.70 -0.75 6.24	40.11 -0.71 6.48	35.44 -0.55 3.23	30.46 -0.29 1.65	28.84 -0.41 0.00
NEG CENTRAL___SENECA 23627	22.71 -0.32 -0.14	18.22 -0.33 -0.29	16.85 -0.32 -0.34	17.00 -0.29 -0.14	16.57 -0.25 -0.39	20.60 -0.06 0.00	29.56 -0.12 0.00	15.99 0.39 17.29	16.08 0.42 14.58	9.80 0.34 18.64	6.85 0.30 23.62	2.90 0.28 28.92	3.36 0.22 27.59	4.62 0.23 24.81	5.04 0.26 21.20	5.96 0.25 22.57	4.89 0.22 31.61	6.17 0.27 39.81	11.93 0.37 40.71	38.16 -0.70 7.83	38.40 -0.76 8.14	34.53 -0.63 4.06	29.86 -0.49 2.06	28.70 -0.56 0.00
NEG CENTRAL___STATE_STREET 24147	22.70 -0.32 -0.13	18.21 -0.31 -0.26	16.83 -0.30 -0.30	16.99 -0.29 -0.13	16.51 -0.26 -0.35	20.48 -0.19 0.00	29.41 -0.27 0.00	8.72 -0.16 24.01	9.81 -0.18 20.25	1.99 -0.22 25.88	-2.90 -0.27 32.79	-8.94 -0.32 40.16	-7.88 -0.31 38.31	-5.52 -0.26 34.45	-3.64 -0.18 29.44	-3.23 -0.17 31.34	-7.94 -0.33 43.90	-9.94 -0.37 55.28	-4.67 -0.42 56.52	34.98 -0.84 10.87	35.15 -0.85 11.30	32.84 -0.75 5.63	28.90 -0.65 2.86	28.64 -0.61 0.00
NEG MILLWOOD___DRP 24198	25.61 1.85 -0.87	21.43 1.41 -1.76	20.11 1.19 -2.09	19.22 1.20 -0.86	20.05 1.20 -2.43	22.17 1.51 0.00	31.82 2.14 0.00	33.36 2.89 2.43	30.81 2.63 2.06	27.58 2.11 2.63	29.09 2.26 3.33	29.66 2.21 4.08	29.12 2.27 3.90	28.12 2.42 3.50	25.25 2.26 2.99	27.44 2.35 3.19	34.55 2.72 4.46	43.42 3.34 5.62	50.03 3.50 5.75	48.90 3.32 1.11	49.42 3.26 1.15	41.31 2.67 0.57	34.26 2.14 0.29	30.92 1.67 0.00
NEG NORTH_FLCN_SEA 23793	22.34 -0.55 0.00	17.91 -0.35 0.00	16.54 -0.29 0.00	16.84 -0.31 0.00	16.08 -0.34 0.00	19.90 -0.76 0.00	28.55 -1.13 0.00	18.60 -1.35 12.94	27.35 -1.27 1.62	25.02 -1.01 2.07	26.39 -1.15 2.62	27.13 -1.20 3.21	26.39 -1.29 3.06	10.21 -1.28 17.70	8.96 -1.14 15.88	10.24 -1.16 16.88	31.65 -1.12 3.51	40.28 -1.01 4.42	47.13 -0.63 4.52	45.45 -0.37 0.87	46.40 0.00 0.90	38.77 0.00 0.45	32.25 0.06 0.23	29.37 0.12 0.00
NEG NORTH_KES_CHATEGAY 23792	22.16 -0.73 0.00	17.75 -0.51 0.00	16.39 -0.44 0.00	16.67 -0.48 0.00	15.93 -0.49 0.00	19.71 -0.95 0.00	28.28 -1.39 0.00	18.16 -1.74 12.99	26.78 -1.63 1.82	24.45 -1.32 2.33	25.73 -1.48 2.95	26.38 -1.55 3.61	25.69 -1.60 3.45	9.77 -1.64 17.79	8.58 -1.46 15.94	9.86 -1.47 16.94	30.85 -1.49 3.95	39.31 -1.42 4.97	46.04 -1.15 5.09	44.92 -0.79 0.98	45.86 -0.43 1.02	38.36 -0.35 0.51	31.89 -0.26 0.26	29.08 -0.18 0.00
NEG NORTH___ALICE_FALLS 23915	22.39 -0.50 0.00	17.93 -0.33 0.00	16.58 -0.25 0.00	16.86 -0.29 0.00	16.09 -0.33 0.00	19.94 -0.72 0.00	28.61 -1.07 0.00	18.66 -1.28 12.95	27.35 -1.24 1.65	25.04 -0.96 2.11	26.37 -1.12 2.67	27.10 -1.17 3.27	26.36 -1.26 3.12	10.22 -1.26 17.72	8.97 -1.12 15.89	10.26 -1.13 16.89	31.62 -1.09 3.58	40.28 -0.91 4.51	47.14 -0.52 4.61	45.57 -0.23 0.89	46.57 0.19 0.92	38.88 0.12 0.46	32.34 0.16 0.23	29.43 0.18 0.00
NEG NORTH___LWR_SARANAC 23913	22.39 -0.50 0.00	17.93 -0.33 0.00	16.58 -0.25 0.00	16.86 -0.29 0.00	16.09 -0.33 0.00	19.94 -0.72 0.00	28.61 -1.07 0.00	18.66 -1.28 12.95	27.35 -1.24 1.65	25.04 -0.96 2.11	26.37 -1.12 2.67	27.10 -1.17 3.27	26.36 -1.26 3.12	10.22 -1.26 17.72	8.97 -1.12 15.89	10.26 -1.13 16.89	31.62 -1.09 3.58	40.28 -0.91 4.51	47.14 -0.52 4.61	45.57 -0.23 0.89	46.57 0.19 0.92	38.88 0.12 0.46	32.34 0.16 0.23	29.43 0.18 0.00
NEG NORTH___PLATTSBURG 23628	22.39 -0.50 0.00	17.95 -0.31 0.00	16.58 -0.25 0.00	16.86 -0.29 0.00	16.10 -0.33 0.00	19.94 -0.72 0.00	28.61 -1.07 0.00	18.66 -1.28 12.95	27.35 -1.24 1.65	25.04 -0.96 2.11	26.37 -1.12 2.67	27.10 -1.17 3.27	26.36 -1.26 3.12	10.22 -1.25 17.72	8.97 -1.12 15.89	10.26 -1.13 16.89	31.62 -1.09 3.58	40.29 -0.91 4.51	47.14 -0.52 4.61	45.57 -0.23 0.89	46.57 0.19 0.92	38.88 0.12 0.46	32.34 0.16 0.23	29.43 0.18 0.00
NEG WEST_LEA_LOCKPORT 23791	21.57 -1.46 -0.14	17.29 -1.26 -0.29	16.00 -1.18 -0.35	16.13 -1.17 -0.14	15.76 -1.07 -0.41	19.53 -1.14 0.00	27.69 -1.99 0.00	19.17 -0.92 12.80	18.96 -0.48 10.79	14.16 -0.14 13.80	12.62 0.00 17.54	10.25 0.19 21.48	10.19 -0.06 20.49	10.65 -0.12 18.43	10.24 -0.05 15.69	11.37 -0.14 16.76	12.60 -0.29 23.40	15.46 -0.78 29.46	20.57 -1.57 30.14	36.48 -4.34 5.86	36.34 -4.92 6.04	32.36 -3.84 3.02	28.42 -2.46 1.53	27.09 -2.16 0.00
NEG WEST___LANCASTR 23811	21.32 -1.74 -0.17	17.14 -1.46 -0.34	15.89 -1.35 -0.41	15.97 -1.36 -0.17	15.65 -1.25 -0.47	20.00 -0.66 0.00	28.40 -1.28 0.00	20.73 1.05 13.21	20.39 1.30 11.15	15.23 1.38 14.25	13.76 1.66 18.06	11.28 1.86 22.12	11.24 1.60 21.10	11.71 1.49 18.97	11.16 1.38 16.20	12.43 1.41 17.26	13.84 1.71 24.16	17.12 1.83 30.41	22.76 1.57 31.08	40.12 -1.07 5.50	40.07 -1.51 5.71	35.27 -1.10 2.85	30.41 -0.42 1.58	27.76 -1.49 0.00
NEG_PENN_ALLEGHNY 23528	23.20 0.00 -0.31	18.84 -0.05 -0.63	17.53 -0.05 -0.75	17.41 -0.05 -0.31	17.26 -0.03 -0.87	20.83 0.16 0.00	29.86 0.18 0.00	18.19 0.85 15.55	17.93 0.82 13.12	12.00 0.67 16.77	9.64 0.72 21.24	6.25 0.73 26.02	6.59 0.68 24.82	7.61 0.73 22.32	7.61 0.70 19.07	8.68 0.71 20.30	8.61 0.76 28.44	10.76 0.87 35.81	16.54 0.89 36.62	39.81 0.14 7.02	40.10 0.09 7.29	35.70 0.12 3.64	30.69 0.13 1.85	29.16 -0.09 0.00
NEG___GEN_MONROE 24207	22.25 -0.76 -0.12	17.81 -0.69 -0.24	16.46 -0.66 -0.28	16.67 -0.60 -0.12	16.21 -0.54 -0.33	20.12 -0.54 0.00	28.79 -0.89 0.00	19.41 -0.56 12.92	18.98 -0.36 10.89	13.93 -0.25 13.92	12.21 -0.30 17.65	9.67 -0.25 21.62	9.75 -0.37 20.62	10.28 -0.38 18.54	9.89 -0.26 15.84	11.04 -0.37 16.87	12.13 -0.54 23.61	15.05 -0.91 29.74	20.61 -1.25 30.41	38.03 -2.80 5.86	38.19 -3.03 6.08	33.76 -2.43 3.03	29.19 -1.69 1.54	27.96 -1.29 0.00
NEPA___ENERGY 23901	22.12 -0.94 -0.17	17.79 -0.82 -0.35	16.48 -0.76 -0.41	16.57 -0.75 -0.17	16.24 -0.66 -0.48	20.29 -0.37 0.00	28.82 -0.86 0.00	20.29 0.62 13.23	19.95 0.88 11.16	14.79 0.96 14.26	13.27 1.18 18.07	10.74 1.32 22.12	10.74 1.11 21.10	11.24 1.02 18.98	10.72 0.96 16.22	11.97 0.96 17.27	13.23 1.12 24.18	16.40 1.14 30.45	21.95 0.78 31.10	39.36 -1.63 5.70	39.31 -2.08 5.91	34.70 -1.57 2.95	29.99 -0.84 1.58	28.11 -1.14 0.00

NEVERSINK___HYD 23608	25.36 1.69 -0.78	21.12 1.28 -1.58	19.81 1.11 -1.87	19.06 1.13 -0.77	19.70 1.10 -2.18	22.09 1.42 0.00	31.76 2.08 0.00	32.92 2.73 2.70	30.44 2.48 2.28	27.15 1.97 2.92	28.54 2.08 3.69	29.13 2.11 4.52	28.54 2.12 4.32	27.53 2.22 3.88	24.75 2.08 3.32	26.95 2.21 3.53	33.99 2.65 4.95	42.81 3.33 6.23	49.35 3.45 6.37	48.68 3.22 1.22	49.20 3.17 1.27	41.21 2.63 0.63	34.16 2.08 0.32	30.86 1.61 0.00
NEWKRMKL_115KV_TB1 55635	24.49 0.50 -1.10	20.96 0.47 -2.23	19.92 0.45 -2.64	18.71 0.46 -1.09	19.94 0.44 -3.07	21.26 0.60 0.00	30.48 0.80 0.00	32.07 0.79 1.61	29.48 0.60 1.36	26.79 0.42 1.74	28.32 0.36 2.20	29.13 0.28 2.70	28.54 0.37 2.57	27.44 0.55 2.31	24.60 0.60 1.98	26.77 0.59 2.10	33.67 0.33 2.95	42.22 0.23 3.71	48.79 0.31 3.79	46.47 0.51 0.73	47.02 0.47 0.76	39.23 0.39 0.38	32.48 0.26 0.19	29.54 0.29 0.00
NEWTON___FALLS_HYD 23847	22.26 -0.66 -0.03	17.86 -0.46 -0.06	16.51 -0.39 -0.07	16.67 -0.51 -0.03	16.03 -0.48 -0.08	19.98 -0.68 0.00	28.73 -0.95 0.00	17.43 -1.18 14.28	21.75 -1.33 7.16	17.52 -1.43 9.15	17.03 -1.54 11.59	15.80 -1.55 14.19	15.60 -1.60 13.54	7.64 -1.52 20.03	7.09 -1.38 17.52	8.20 -1.44 18.63	19.14 -1.63 15.51	24.39 -1.78 19.53	30.83 -1.46 19.97	41.77 -1.07 3.84	42.50 -0.80 3.99	36.60 -0.63 1.99	30.98 -0.42 1.01	28.96 -0.29 0.00
NGRID_A1_DSASP 323792	21.41 -1.62 -0.15	17.15 -1.41 -0.30	15.89 -1.30 -0.35	15.99 -1.30 -0.15	15.65 -1.18 -0.41	19.30 -1.36 0.00	27.33 -2.35 0.00	18.56 -1.61 12.72	18.33 -1.18 10.72	13.78 -0.62 13.71	12.30 -0.51 17.35	10.07 -0.22 21.25	10.04 -0.43 20.27	10.41 -0.56 18.23	9.98 -0.42 15.59	11.15 -0.54 16.58	12.14 -0.91 23.24	14.71 -1.74 29.26	19.55 -2.82 29.90	35.75 -5.32 5.62	35.74 -5.77 5.79	31.74 -4.59 2.89	27.72 -3.17 1.52	26.74 -2.52 0.00
NGRID_A2_DSASP 323793	21.41 -1.62 -0.15	17.15 -1.41 -0.30	15.89 -1.30 -0.35	15.99 -1.30 -0.15	15.65 -1.18 -0.41	19.30 -1.36 0.00	27.33 -2.35 0.00	18.56 -1.61 12.72	18.33 -1.18 10.72	13.78 -0.62 13.71	12.30 -0.51 17.35	10.07 -0.22 21.25	10.04 -0.43 20.27	10.41 -0.56 18.23	9.98 -0.42 15.59	11.15 -0.54 16.58	12.14 -0.91 23.24	14.71 -1.74 29.26	19.55 -2.82 29.90	35.75 -5.32 5.62	35.74 -5.77 5.79	31.74 -4.59 2.89	27.72 -3.17 1.52	26.74 -2.52 0.00
NGRID_A4_DSASP 323807	21.41 -1.62 -0.15	17.15 -1.41 -0.30	15.89 -1.30 -0.35	15.99 -1.30 -0.15	15.65 -1.18 -0.41	19.30 -1.36 0.00	27.33 -2.35 0.00	18.56 -1.61 12.72	18.33 -1.18 10.72	13.78 -0.62 13.71	12.30 -0.51 17.35	10.07 -0.22 21.25	10.04 -0.43 20.27	10.41 -0.56 18.23	9.98 -0.42 15.59	11.15 -0.54 16.58	12.14 -0.91 23.24	14.71 -1.74 29.26	19.55 -2.82 29.90	35.75 -5.32 5.62	35.74 -5.77 5.79	31.74 -4.59 2.89	27.72 -3.17 1.52	26.74 -2.52 0.00
NIAGARA_115E_LBMP 323715	21.25 -1.79 -0.15	17.04 -1.52 -0.30	15.77 -1.41 -0.35	15.89 -1.41 -0.15	15.54 -1.30 -0.41	19.22 -1.45 0.00	27.22 -2.46 0.00	18.93 -1.25 12.72	18.76 -0.75 10.72	14.00 -0.39 13.71	12.46 -0.21 17.49	10.06 -0.06 21.42	10.03 -0.28 20.43	10.50 -0.32 18.37	10.16 -0.23 15.59	11.22 -0.34 16.71	12.47 -0.58 23.24	15.30 -1.14 29.26	20.24 -2.09 29.94	35.68 -5.09 5.92	35.63 -5.58 6.09	31.78 -4.39 3.04	28.06 -2.82 1.52	26.62 -2.63 0.00
NIAGARA_115W_LBMP 323714	21.34 -1.69 -0.15	17.12 -1.44 -0.30	15.84 -1.35 -0.35	15.96 -1.34 -0.15	15.60 -1.23 -0.41	19.24 -1.43 0.00	27.25 -2.43 0.00	18.46 -1.71 12.72	18.25 -1.27 10.72	13.72 -0.67 13.71	12.21 -0.60 17.35	10.01 -0.28 21.25	9.98 -0.49 20.27	10.33 -0.64 18.22	9.90 -0.49 15.59	11.07 -0.62 16.58	12.03 -1.02 23.24	14.57 -1.88 29.26	19.39 -2.98 29.90	35.57 -5.46 5.66	35.56 -5.91 5.83	31.60 -4.71 2.91	27.62 -3.27 1.52	26.68 -2.57 0.00
NIAGARA_230_LBMP 323716	21.55 -1.49 -0.14	17.28 -1.28 -0.29	15.98 -1.19 -0.35	16.11 -1.18 -0.14	15.74 -1.08 -0.41	19.44 -1.22 0.00	27.57 -2.11 0.00	18.78 -1.41 12.70	18.57 -0.97 10.70	13.83 -0.59 13.69	12.35 -0.48 17.33	10.00 -0.32 21.23	10.00 -0.49 20.25	10.44 -0.56 18.20	10.00 -0.42 15.57	11.18 -0.54 16.56	12.24 -0.83 23.22	15.00 -1.46 29.24	20.00 -2.35 29.92	35.93 -4.86 5.90	35.93 -5.30 6.07	32.00 -4.20 3.02	28.02 -2.88 1.50	26.94 -2.31 0.00
NIAGARA___115KV_198_GIBSON 55903	21.34 -1.69 -0.15	17.12 -1.44 -0.30	15.84 -1.35 -0.35	15.96 -1.34 -0.15	15.60 -1.23 -0.41	19.24 -1.43 0.00	27.25 -2.43 0.00	18.47 -1.71 12.72	18.24 -1.27 10.72	13.72 -0.67 13.71	12.21 -0.60 17.35	10.04 -0.25 21.25	9.98 -0.49 20.27	10.33 -0.64 18.22	9.90 -0.49 15.59	11.07 -0.62 16.58	12.03 -1.02 23.24	14.57 -1.87 29.26	19.39 -2.98 29.90	35.57 -5.46 5.66	35.42 -6.05 5.83	31.49 -4.82 2.91	27.59 -3.31 1.52	26.68 -2.57 0.00
NIAGARA___ 23760	21.55 -1.49 -0.15	17.28 -1.28 -0.30	15.99 -1.19 -0.35	16.12 -1.18 -0.15	15.75 -1.08 -0.41	19.44 -1.22 0.00	27.57 -2.11 0.00	18.78 -1.41 12.70	18.56 -0.97 10.71	13.82 -0.59 13.69	12.34 -0.48 17.33	10.00 -0.32 21.23	10.00 -0.49 20.25	10.43 -0.56 18.21	10.00 -0.42 15.57	11.17 -0.54 16.56	12.23 -0.83 23.22	14.99 -1.46 29.25	20.00 -2.35 29.92	35.98 -4.86 5.85	35.98 -5.30 6.02	32.02 -4.20 3.00	28.01 -2.88 1.51	26.94 -2.31 0.00
NINE_MILE_1 23575	22.12 -0.85 -0.08	17.70 -0.71 -0.16	16.34 -0.67 -0.19	16.56 -0.67 -0.08	16.00 -0.64 -0.22	19.94 -0.72 0.00	28.61 -1.07 0.00	-9.03 -1.28 40.64	-5.22 -1.18 34.27	-16.84 -1.12 43.82	-26.56 -1.21 55.51	-37.71 -1.26 67.98	-35.34 -1.23 64.85	-30.26 -1.14 58.31	-24.84 -0.99 49.83	-25.85 -1.07 53.05	-39.51 -1.49 74.31	-49.83 -1.96 93.57	-45.70 -2.30 95.68	26.00 -2.29 18.41	25.81 -2.36 19.13	27.76 -1.92 9.54	25.98 -1.59 4.84	27.91 -1.35 0.00
NINE_MILE_2 23744	22.12 -0.85 -0.08	17.70 -0.71 -0.15	16.34 -0.67 -0.18	16.56 -0.67 -0.08	16.00 -0.64 -0.21	19.94 -0.72 0.00	28.61 -1.07 0.00	-9.16 -1.28 40.77	-5.32 -1.18 34.38	-16.97 -1.12 43.95	-26.73 -1.21 55.68	-37.95 -1.29 68.20	-35.54 -1.23 65.05	-30.44 -1.14 58.50	-24.99 -0.99 49.99	-26.01 -1.07 53.21	-39.74 -1.49 74.54	-50.12 -1.96 93.86	-46.00 -2.30 95.98	25.94 -2.29 18.46	25.75 -2.36 19.19	27.73 -1.92 9.57	25.97 -1.59 4.85	27.91 -1.35 0.00
NM_CAPITAL___DRP 24208	24.56 0.57 -1.10	20.99 0.51 -2.22	19.95 0.49 -2.63	18.74 0.50 -1.09	19.97 0.48 -3.07	21.28 0.62 0.00	30.51 0.83 0.00	32.16 0.89 1.62	29.57 0.70 1.36	26.84 0.48 1.74	28.37 0.42 2.21	29.21 0.38 2.70	28.62 0.46 2.58	27.49 0.61 2.32	24.68 0.68 1.98	26.81 0.65 2.11	33.73 0.40 2.96	42.30 0.32 3.72	48.93 0.47 3.81	46.61 0.65 0.73	47.11 0.57 0.76	39.31 0.47 0.38	32.57 0.36 0.19	29.60 0.35 0.00
NM_CENTRAL___DRP 24181	22.70 -0.30 -0.11	18.18 -0.29 -0.21	16.82 -0.27 -0.25	16.98 -0.27 -0.11	16.47 -0.25 -0.30	20.48 -0.19 0.00	29.41 -0.27 0.00	7.47 -0.16 25.26	8.78 -0.15 21.30	0.67 -0.20 27.23	-4.55 -0.21 34.50	-10.97 -0.25 42.26	-9.78 -0.22 40.31	-7.19 -0.15 36.25	-5.07 -0.08 30.97	-4.81 -0.11 32.97	-10.19 -0.29 46.19	-12.96 -0.50 58.16	-7.82 -0.63 59.47	34.32 -0.93 11.44	34.42 -0.99 11.89	32.51 -0.78 5.93	28.72 -0.68 3.01	28.61 -0.64 0.00

NM_FRONTIER___DRP 24179	21.34 -1.69 -0.15	17.12 -1.44 -0.30	15.84 -1.35 -0.35	15.96 -1.34 -0.15	15.60 -1.23 -0.41	19.24 -1.43 0.00	27.25 -2.43 0.00	18.47 -1.71 12.72	18.24 -1.27 10.72	13.72 -0.67 13.71	12.21 -0.60 17.35	10.04 -0.25 21.25	9.98 -0.49 20.27	10.33 -0.64 18.22	9.90 -0.49 15.59	11.07 -0.62 16.58	12.03 -1.02 23.24	14.57 -1.87 29.26	19.39 -2.98 29.90	35.57 -5.46 5.66	35.42 -6.05 5.83	31.49 -4.82 2.91	27.59 -3.31 1.52	26.68 -2.57 0.00
NM_ST_REGIS___HYD 24053	21.97 -0.94 -0.01	17.67 -0.62 -0.03	16.38 -0.49 -0.04	16.62 -0.55 -0.01	15.94 -0.53 -0.04	19.71 -0.95 0.00	28.28 -1.39 0.00	17.61 -1.84 13.44	24.73 -1.81 3.69	21.79 -1.60 4.71	22.44 -1.75 5.97	22.52 -1.70 7.32	21.98 -1.78 6.98	8.87 -1.75 18.57	7.90 -1.58 16.49	9.07 -1.67 17.53	26.51 -1.78 8.00	33.63 -2.01 10.07	40.20 -1.78 10.29	43.45 -1.26 1.98	44.39 -0.85 2.06	37.57 -0.63 1.03	31.53 -0.36 0.52	28.99 -0.26 0.00
NORTHPORT___1 23551	26.07 2.31 -0.87	21.82 1.81 -1.75	20.51 1.60 -2.08	19.57 1.56 -0.86	20.41 1.58 -2.41	22.67 2.00 -0.01	32.45 2.76 -0.01	33.97 3.52 2.45	31.41 3.24 2.07	28.40 2.78 2.49	29.83 3.02 3.35	30.32 2.90 4.12	30.03 3.14 3.84	29.09 3.18 3.29	26.28 2.94 2.63	34.81 2.94 -3.60	44.17 3.27 -4.62	46.42 3.61 2.90	51.87 3.30 3.70	55.70 3.18 -5.83	57.69 3.50 -6.89	46.76 2.70 -4.83	43.26 2.62 -8.23	31.79 2.19 -0.34
NORTHPORT___2 23552	26.07 2.31 -0.87	21.82 1.81 -1.75	20.51 1.60 -2.08	19.57 1.56 -0.86	20.41 1.58 -2.41	22.67 2.00 -0.01	32.45 2.76 -0.01	33.97 3.52 2.45	31.41 3.24 2.07	28.40 2.78 2.49	29.83 3.02 3.35	30.32 2.90 4.12	30.03 3.14 3.84	29.09 3.18 3.29	26.28 2.94 2.63	34.81 2.94 -3.60	44.17 3.27 -4.62	46.42 3.61 2.90	52.02 3.30 3.55	55.70 3.18 -5.83	57.69 3.50 -6.89	46.76 2.70 -4.83	43.26 2.62 -8.23	31.79 2.19 -0.34
NORTHPORT___3 23553	25.89 2.13 -0.87	21.68 1.66 -1.75	20.37 1.46 -2.08	19.43 1.42 -0.86	20.28 1.45 -2.41	22.51 1.84 -0.01	32.21 2.52 -0.01	33.74 3.29 2.45	31.22 3.05 2.07	28.29 2.67 2.48	29.65 2.83 3.35	30.17 2.74 4.12	29.85 2.98 3.84	28.90 2.98 3.28	26.12 2.75 2.62	34.77 2.77 -3.72	44.03 2.98 -4.77	46.10 3.25 2.85	52.04 3.97 4.20	56.14 3.50 -5.94	57.26 2.93 -7.02	46.88 2.74 -4.92	43.18 2.40 -8.37	31.59 1.99 -0.35
NORTHPORT___4 23650	25.89 2.13 -0.87	21.68 1.66 -1.75	20.37 1.46 -2.08	19.43 1.42 -0.86	20.28 1.45 -2.41	22.51 1.84 -0.01	32.21 2.52 -0.01	33.74 3.29 2.45	31.22 3.05 2.07	28.29 2.67 2.48	29.65 2.83 3.35	30.17 2.74 4.12	29.85 2.98 3.84	28.90 2.98 3.28	26.12 2.75 2.62	34.77 2.77 -3.72	44.03 2.98 -4.77	46.10 3.25 2.85	52.04 3.97 4.20	56.14 3.50 -5.94	57.26 2.93 -7.02	46.88 2.74 -4.92	43.18 2.40 -8.37	31.59 1.99 -0.35
NORTHPORT___IC 23718	26.07 2.31 -0.87	21.86 1.84 -1.75	20.51 1.60 -2.08	19.57 1.56 -0.86	20.41 1.58 -2.41	22.67 2.00 -0.01	32.45 2.76 -0.01	33.97 3.52 2.45	31.41 3.24 2.07	28.40 2.78 2.49	29.83 3.02 3.35	30.30 2.87 4.12	30.03 3.14 3.84	29.09 3.18 3.29	26.28 2.94 2.63	34.82 2.94 -3.60	44.17 3.27 -4.62	46.42 3.61 2.90	52.01 3.29 3.55	55.70 3.17 -5.83	57.69 3.50 -6.89	46.80 2.75 -4.83	43.26 2.63 -8.23	31.79 2.19 -0.34
NORTH___COUNTRY_ESR 323785	22.09 -0.80 0.00	17.71 -0.55 0.00	16.36 -0.47 0.00	16.64 -0.51 0.00	15.88 -0.54 0.00	19.67 -0.99 0.00	28.23 -1.45 0.00	18.09 -1.81 12.99	26.72 -1.69 1.83	24.42 -1.35 2.33	25.69 -1.51 2.96	26.37 -1.54 3.62	25.65 -1.63 3.46	9.77 -1.63 17.79	8.56 -1.48 15.95	9.83 -1.50 16.94	30.80 -1.52 3.96	39.16 -1.55 4.99	45.87 -1.30 5.10	44.78 -0.93 0.98	45.67 -0.62 1.02	38.20 -0.51 0.51	31.80 -0.36 0.26	29.02 -0.24 0.00
NPX_GEN_1385_PROXY 323591	26.07 2.31 -0.87	22.80 1.88 -2.66	20.80 1.67 -2.30	20.74 1.61 -1.98	22.43 1.64 -4.36	25.49 2.09 -2.74	32.54 2.85 -0.01	35.22 3.65 1.32	31.50 3.33 2.07	28.45 2.84 2.49	29.83 3.02 3.35	30.00 2.78 4.32	30.00 3.10 3.84	29.09 3.18 3.29	26.39 3.04 2.63	32.00 2.83 -0.90	35.00 3.12 4.41	43.40 3.43 5.73	51.86 3.14 3.55	54.00 2.99 -4.32	57.60 3.41 -6.89	46.72 2.67 -4.83	40.76 2.50 -5.86	31.79 2.19 -0.34
NPX_GEN_CSC 323557	26.28 2.52 -0.87	21.95 1.93 -1.75	20.63 1.72 -2.08	19.69 1.68 -0.86	20.56 1.72 -2.41	22.80 2.13 -0.01	32.57 2.88 -0.01	33.80 3.36 2.45	31.17 2.99 2.07	28.12 2.50 2.48	29.71 2.90 3.35	30.32 2.90 4.12	30.00 3.10 3.84	29.16 3.24 3.28	26.38 3.01 2.62	34.85 2.85 -3.72	44.28 3.23 -4.77	46.79 3.93 2.85	59.24 4.55 -2.42	56.78 4.06 -6.03	58.31 3.97 -7.03	47.65 3.45 -4.98	43.37 2.59 -8.37	31.82 2.22 -0.35
NSINS_S_GLNS_FALLS 23858	25.00 0.98 -1.13	21.29 0.75 -2.28	20.21 0.67 -2.71	18.99 0.72 -1.12	20.27 0.69 -3.15	21.70 1.03 0.00	31.25 1.57 0.00	33.26 1.87 1.51	30.39 1.42 1.27	27.44 0.96 1.62	28.95 0.84 2.05	29.88 0.85 2.51	29.23 0.89 2.40	28.09 1.05 2.16	25.20 1.07 1.84	27.50 1.19 1.96	34.74 1.20 2.75	43.93 1.69 3.46	50.98 2.25 3.54	48.34 2.33 0.68	48.91 2.32 0.71	40.71 1.84 0.35	33.59 1.36 0.18	30.30 1.05 0.00
NUCOR_STEEL___DRP 24197	22.76 -0.25 -0.12	18.25 -0.26 -0.25	16.87 -0.25 -0.29	17.03 -0.24 -0.12	16.53 -0.23 -0.34	20.54 -0.12 0.00	29.47 -0.21 0.00	7.91 -0.16 24.82	9.16 -0.15 20.93	1.15 -0.20 26.76	-4.01 -0.27 33.90	-10.26 -0.28 41.52	-9.14 -0.28 39.60	-6.65 -0.23 35.61	-4.60 -0.16 30.43	-4.29 -0.17 32.40	-9.42 -0.33 45.38	-11.85 -0.41 57.14	-6.63 -0.47 58.43	34.61 -0.84 11.24	34.72 -0.90 11.68	32.65 -0.75 5.82	28.81 -0.65 2.95	28.67 -0.59 0.00
NUMBER_THREE_WT_PWR 323818	22.91 -0.02 -0.04	18.32 -0.02 -0.08	16.91 -0.02 -0.10	16.94 -0.26 -0.04	16.32 -0.21 -0.11	20.46 -0.21 0.00	29.47 -0.21 0.00	19.62 -0.23 13.04	20.63 -0.48 9.12	15.62 -0.82 11.66	14.51 -0.88 14.77	12.50 -0.95 18.09	12.49 -0.98 17.26	9.75 -0.91 18.54	9.18 -0.81 15.99	10.41 -0.85 17.02	15.57 -0.94 19.78	19.89 -0.91 24.90	26.34 -0.47 25.46	41.51 -0.28 4.90	42.11 -0.09 5.09	36.60 -0.08 2.54	31.02 -0.10 1.29	29.43 0.18 0.00
NYISO_LBMP_REFERENCE 24008	22.89 0.00 0.00	18.26 0.00 0.00	16.83 0.00 0.00	17.15 0.00 0.00	16.42 0.00 0.00	20.66 0.00 0.00	29.68 0.00 0.00	32.89 0.00 0.00	30.24 0.00 0.00	28.10 0.00 0.00	30.16 0.00 0.00	31.54 0.00 0.00	30.74 0.00 0.00	29.20 0.00 0.00	25.98 0.00 0.00	28.27 0.00 0.00	36.29 0.00 0.00	45.70 0.00 0.00	52.27 0.00 0.00	46.69 0.00 0.00	47.30 0.00 0.00	39.22 0.00 0.00	32.41 0.00 0.00	29.25 0.00 0.00
NYPA_BRENTWD____GT 24164	26.35 2.59 -0.87	22.02 2.01 -1.75	20.67 1.77 -2.08	19.72 1.72 -0.86	20.57 1.74 -2.41	22.90 2.23 -0.01	32.78 3.09 -0.01	34.33 3.88 2.45	31.71 3.54 2.06	28.67 3.04 2.47	30.10 3.29 3.35	30.61 3.18 4.12	30.32 3.41 3.83	29.43 3.50 3.27	26.61 3.22 2.60	35.45 3.28 -3.90	45.05 3.77 -4.99	47.35 4.43 2.78	54.53 4.60 2.34	57.02 4.20 -6.13	58.87 4.35 -7.22	47.81 3.53 -5.06	44.00 3.01 -8.57	32.15 2.54 -0.35

NYPA_GOWANUS____GT5 24156	25.90	21.63	20.28	19.36	20.15	22.33	31.97	33.66	31.13	32.08	30.01	30.25	31.79	34.14	34.65	35.91	36.69	44.08	50.61	49.31	49.83	41.47	34.48	31.10
	2.15	1.62	1.38	1.35	1.31	1.67	2.29	3.23	2.96	2.50	2.74	2.81	2.80	2.92	2.70	2.83	3.27	4.02	4.13	3.74	3.69	2.83	2.36	1.84
	-0.86	-1.75	-2.07	-0.86	-2.41	0.00	0.00	2.46	2.07	-1.48	2.90	4.09	1.74	-2.03	-5.96	-4.81	2.86	5.64	5.79	1.11	1.16	0.58	0.29	0.00
NYPA_GOWANUS____GT6 24157	25.90	21.63	20.28	19.36	20.15	22.33	31.97	33.66	31.13	32.08	30.01	30.25	31.79	34.14	34.65	35.91	36.69	44.08	50.61	49.31	49.83	41.47	34.48	31.10
	2.15	1.62	1.38	1.35	1.31	1.67	2.29	3.23	2.96	2.50	2.74	2.81	2.80	2.92	2.70	2.83	3.27	4.02	4.13	3.74	3.69	2.83	2.36	1.84
	-0.86	-1.75	-2.07	-0.86	-2.41	0.00	0.00	2.46	2.07	-1.48	2.90	4.09	1.74	-2.03	-5.96	-4.81	2.86	5.64	5.79	1.11	1.16	0.58	0.29	0.00
NYPA_HARLEM__RVR__GT1 24160	25.74	21.58	20.21	19.28	20.08	22.27	31.75	33.36	30.93	31.22	29.79	30.08	31.24	32.99	32.89	34.32	36.21	43.75	50.08	48.84	49.35	41.11	34.16	30.79
	1.99	1.57	1.31	1.27	1.25	1.61	2.08	2.93	2.78	2.39	2.62	2.65	2.64	2.78	2.57	2.69	3.08	3.70	3.60	3.27	3.22	2.47	2.04	1.55
	-0.86	-1.75	-2.07	-0.86	-2.41	0.00	0.01	2.46	2.08	-0.73	2.99	4.11	2.14	-1.02	-4.34	-3.36	3.16	5.66	5.80	1.12	1.17	0.59	0.29	0.01
NYPA_HARLEM__RVR__GT2 24161	25.74	21.58	20.21	19.28	20.08	22.27	31.75	33.36	30.93	31.22	29.79	30.08	31.24	32.99	32.89	34.32	36.21	43.75	50.08	48.84	49.35	41.11	34.16	30.79
	1.99	1.57	1.31	1.27	1.25	1.61	2.08	2.93	2.78	2.39	2.62	2.65	2.64	2.78	2.57	2.69	3.08	3.70	3.60	3.27	3.22	2.47	2.04	1.55
	-0.86	-1.75	-2.07	-0.86	-2.41	0.00	0.01	2.46	2.08	-0.73	2.99	4.11	2.14	-1.02	-4.34	-3.36	3.16	5.66	5.80	1.12	1.17	0.59	0.29	0.01
NYPA_KENT____GT 24152	25.85	21.59	20.26	19.35	20.15	22.32	31.97	33.59	31.09	32.08	29.98	30.22	31.77	34.12	34.62	35.88	36.66	43.99	50.50	49.22	49.79	41.43	34.42	31.07
	2.10	1.59	1.36	1.34	1.31	1.65	2.29	3.16	2.93	2.50	2.72	2.78	2.77	2.89	2.68	2.80	3.23	3.93	4.03	3.64	3.64	2.78	2.30	1.81
	-0.86	-1.75	-2.07	-0.86	-2.41	0.00	0.00	2.46	2.07	-1.48	2.90	4.09	1.74	-2.03	-5.96	-4.81	2.86	5.64	5.79	1.11	1.16	0.58	0.29	0.00
NYPA_POUCH1____GT 24155	25.93	21.63	20.28	19.36	20.16	22.33	32.00	33.63	31.13	32.06	29.95	30.22	31.73	34.12	34.60	35.88	36.66	44.03	50.56	49.26	49.79	41.43	34.48	31.13
	2.18	1.62	1.38	1.35	1.33	1.67	2.32	3.19	2.96	2.47	2.68	2.78	2.73	2.89	2.65	2.80	3.23	3.97	4.08	3.69	3.64	2.78	2.36	1.87
	-0.86	-1.75	-2.07	-0.86	-2.41	0.00	0.00	2.46	2.07	-1.48	2.90	4.09	1.74	-2.03	-5.96	-4.81	2.86	5.64	5.79	1.11	1.16	0.58	0.29	0.00
NYPA_VERNON____GT2 24162	25.81	21.58	20.25	19.35	20.13	22.32	31.93	33.56	31.09	32.06	29.98	30.19	31.73	34.09	34.60	35.86	36.62	43.94	50.40	49.12	49.69	41.39	34.35	31.01
	2.06	1.57	1.35	1.34	1.30	1.65	2.25	3.13	2.93	2.47	2.72	2.74	2.73	2.86	2.65	2.77	3.19	3.88	3.92	3.55	3.55	2.74	2.23	1.75
	-0.86	-1.75	-2.07	-0.86	-2.41	0.00	0.00	2.46	2.07	-1.48	2.90	4.09	1.74	-2.03	-5.96	-4.81	2.86	5.64	5.79	1.11	1.16	0.58	0.29	0.00
NYPA_VERNON____GT3 24163	25.81	21.58	20.25	19.35	20.13	22.32	31.93	33.56	31.09	32.06	29.98	30.19	31.73	34.09	34.60	35.86	36.62	43.94	50.40	49.12	49.69	41.39	34.35	31.01
	2.06	1.57	1.35	1.34	1.30	1.65	2.25	3.13	2.93	2.47	2.72	2.74	2.73	2.86	2.65	2.77	3.19	3.88	3.92	3.55	3.55	2.74	2.23	1.75
	-0.86	-1.75	-2.07	-0.86	-2.41	0.00	0.00	2.46	2.07	-1.48	2.90	4.09	1.74	-2.03	-5.96	-4.81	2.86	5.64	5.79	1.11	1.16	0.58	0.29	0.00
NYPA____ASTORIA_CC1 323568	25.79	21.58	20.23	19.33	20.11	22.29	31.91	33.50	31.04	32.00	29.92	30.13	31.70	34.03	34.54	35.80	36.55	43.85	50.29	49.08	49.59	41.31	34.29	30.98
	2.04	1.57	1.33	1.32	1.28	1.63	2.23	3.06	2.87	2.42	2.65	2.68	2.71	2.80	2.60	2.71	3.12	3.79	3.81	3.50	3.45	2.67	2.17	1.73
	-0.86	-1.75	-2.07	-0.86	-2.41	0.00	0.00	2.46	2.07	-1.48	2.90	4.09	1.74	-2.03	-5.96	-4.81	2.86	5.64	5.79	1.11	1.16	0.58	0.29	0.00
NYPA____ASTORIA_CC2 323569	25.79	21.58	20.23	19.33	20.11	22.29	31.91	33.50	31.04	32.00	29.92	30.13	31.70	34.03	34.54	35.80	36.55	43.85	50.29	49.08	49.59	41.31	34.29	30.98
	2.04	1.57	1.33	1.32	1.28	1.63	2.23	3.06	2.87	2.42	2.65	2.68	2.71	2.80	2.60	2.71	3.12	3.79	3.81	3.50	3.45	2.67	2.17	1.73
	-0.86	-1.75	-2.07	-0.86	-2.41	0.00	0.00	2.46	2.07	-1.48	2.90	4.09	1.74	-2.03	-5.96	-4.81	2.86	5.64	5.79	1.11	1.16	0.58	0.29	0.00
NYPA____HOLTSVILL 23794	26.28	21.97	20.64	19.69	20.54	22.84	32.68	34.13	31.50	28.46	29.92	30.45	30.16	29.27	26.45	35.07	44.60	47.05	59.13	56.82	58.48	47.64	43.62	32.00
	2.52	1.95	1.73	1.68	1.71	2.17	3.00	3.68	3.33	2.84	3.11	3.03	3.26	3.36	3.09	3.08	3.56	4.20	4.55	4.11	4.16	3.45	2.85	2.40
	-0.87	-1.75	-2.08	-0.86	-2.41	-0.01	-0.01	2.45	2.07	2.48	3.35	4.12	3.84	3.28	2.62	-3.71	-4.75	2.85	-2.31	-6.02	-7.02	-4.97	-8.36	-0.35
NYPA____HELLGATE_GT1 24158	25.74	21.58	20.21	19.28	20.08	22.27	31.75	33.36	30.93	31.22	29.79	30.08	31.24	32.99	32.89	34.32	36.21	43.75	50.08	48.84	49.35	41.11	34.16	30.79
	1.99	1.57	1.31	1.27	1.25	1.61	2.08	2.93	2.78	2.39	2.62	2.65	2.64	2.78	2.57	2.69	3.08	3.70	3.60	3.27	3.22	2.47	2.04	1.55
	-0.86	-1.75	-2.07	-0.86	-2.41	0.00	0.01	2.46	2.08	-0.73	2.99	4.11	2.14	-1.02	-4.34	-3.36	3.16	5.66	5.80	1.12	1.17	0.59	0.29	0.01
NYPA____HELLGATE_GT2 24159	25.74	21.58	20.21	19.28	20.08	22.27	31.75	33.36	30.93	31.22	29.79	30.08	31.24	32.99	32.89	34.32	36.21	43.75	50.08	48.84	49.35	41.11	34.16	30.79
	1.99	1.57	1.31	1.27	1.25	1.61	2.08	2.93	2.78	2.39	2.62	2.65	2.64	2.78	2.57	2.69	3.08	3.70	3.60	3.27	3.22	2.47	2.04	1.55
	-0.86	-1.75	-2.07	-0.86	-2.41	0.00	0.01	2.46	2.08	-0.73	2.99	4.11	2.14	-1.02	-4.34	-3.36	3.16	5.66	5.80	1.12	1.17	0.59	0.29	0.01
NYS_BARGE____HYD 23848	21.55	17.27	15.98	16.11	15.74	19.51	27.69	19.24	19.03	14.20	12.68	10.29	10.25	10.72	10.30	11.43	12.69	15.58	20.70	36.49	36.48	32.48	28.45	27.06
	-1.49	-1.28	-1.19	-1.18	-1.08	-1.16	-1.99	-0.86	-0.42	-0.11	0.06	0.22	0.00	-0.06	0.00	-0.08	-0.22	-0.68	-1.46	-4.34	-4.78	-3.73	-2.43	-2.19
	-0.14	-0.29	-0.35	-0.14	-0.40	0.00	0.00	12.79	10.79	13.79	17.54	21.48	20.49	18.42	15.68	16.76	23.38	29.44	30.11	5.86	6.04	3.02	1.53	0.00
OAK ORCHARD____HYD 24046	22.27	17.84	16.47	16.67	16.19	20.04	28.67	19.21	18.83	13.81	12.14	9.63	9.75	10.27	9.88	11.06	12.12	15.04	20.54	38.07	38.23	33.79	29.12	27.94
	-0.73	-0.66	-0.64	-0.60	-0.56	-0.62	-1.01	-0.76	-0.51	-0.37	-0.36	-0.28	-0.37	-0.38	-0.26	-0.34	-0.54	-0.91	-1.30	-2.75	-2.98	-2.39	-1.75	-1.32
	-0.12	-0.24	-0.28	-0.12	-0.33	0.00	0.00	12.93	10.90	13.93	17.65	21.62	20.63	18.55	15.84	16.87	23.62	29.75	30.42	5.87	6.09	3.04	1.54	0.00

OAKDALE___35_KV_LOAD 356122	23.18 -0.02 -0.31	18.83 -0.05 -0.63	17.51 -0.07 -0.74	17.41 -0.05 -0.31	17.26 -0.03 -0.87	20.81 0.14 0.00	29.80 0.12 0.00	18.12 0.79 15.56	17.87 0.76 13.12	11.94 0.62 16.78	9.57 0.66 21.25	6.17 0.66 26.03	6.52 0.61 24.83	7.54 0.67 22.33	7.55 0.65 19.08	8.61 0.65 20.31	8.52 0.69 28.45	10.65 0.78 35.83	16.37 0.73 36.63	39.77 0.09 7.02	39.96 -0.05 7.30	35.58 0.00 3.64	30.62 0.06 1.85	29.13 -0.12 0.00
OCC_CHEM___DRP 24175	21.39 -1.65 -0.15	17.15 -1.41 -0.30	15.89 -1.30 -0.35	16.00 -1.30 -0.15	15.65 -1.18 -0.41	19.30 -1.36 0.00	27.33 -2.34 0.00	18.56 -1.61 12.72	18.33 -1.18 10.72	13.78 -0.62 13.71	12.30 -0.51 17.35	10.10 -0.19 21.25	10.04 -0.43 20.27	10.41 -0.55 18.23	9.98 -0.42 15.59	11.13 -0.57 16.58	12.14 -0.91 23.24	14.71 -1.74 29.26	19.55 -2.82 29.90	35.75 -5.32 5.62	35.60 -5.91 5.79	31.66 -4.67 2.89	27.68 -3.21 1.52	26.74 -2.52 0.00
OH_GEN_PROXY 24063	21.57 -1.47 -0.15	17.30 -1.26 -0.29	16.00 -1.18 -0.35	16.13 -1.17 -0.14	15.76 -1.07 -0.41	19.49 -1.18 0.00	27.63 -2.05 0.00	18.90 -1.35 12.64	18.70 -0.88 10.66	13.94 -0.53 13.63	12.49 -0.42 17.24	10.17 -0.25 21.12	10.13 -0.46 20.14	10.59 -0.50 18.11	10.10 -0.39 15.50	11.32 -0.48 16.48	12.41 -0.76 23.11	15.23 -1.37 29.10	23.10 -2.25 26.93	33.48 -4.67 8.54	36.15 -5.11 6.04	32.17 -4.04 3.01	28.09 -2.82 1.50	27.00 -2.25 0.00
OLIN_CORP_DRP 24177	21.30 -1.74 -0.15	17.08 -1.48 -0.30	15.82 -1.36 -0.36	15.93 -1.37 -0.15	15.59 -1.25 -0.42	19.26 -1.41 0.00	27.31 -2.37 0.00	18.91 -1.25 12.73	18.74 -0.76 10.74	13.99 -0.39 13.72	12.46 -0.21 17.48	10.07 -0.06 21.41	10.04 -0.28 20.43	10.51 -0.32 18.37	10.14 -0.23 15.61	11.23 -0.34 16.71	12.44 -0.58 23.27	15.27 -1.14 29.30	20.27 -2.04 29.96	35.69 -5.04 5.96	35.59 -5.58 6.13	31.72 -4.43 3.06	28.03 -2.85 1.53	26.71 -2.54 0.00
OLIN_CORP_DSASP 323712	21.41 -1.62 -0.15	17.15 -1.41 -0.30	15.89 -1.30 -0.35	15.99 -1.30 -0.15	15.65 -1.18 -0.41	19.30 -1.36 0.00	27.33 -2.35 0.00	18.56 -1.61 12.72	18.33 -1.18 10.72	13.78 -0.62 13.71	12.30 -0.51 17.35	10.07 -0.22 21.25	10.04 -0.43 20.27	10.41 -0.56 18.23	9.98 -0.42 15.59	11.15 -0.54 16.58	12.14 -0.91 23.24	14.71 -1.74 29.26	19.55 -2.82 29.90	35.75 -5.32 5.62	35.74 -5.77 5.79	31.74 -4.59 2.89	27.72 -3.17 1.52	26.74 -2.52 0.00
ONEIDA_HERK_LFGE 323681	23.15 0.23 -0.04	18.50 0.16 -0.07	17.07 0.15 -0.08	17.24 0.05 -0.04	16.59 0.07 -0.10	20.83 0.16 0.00	29.98 0.30 0.00	24.34 0.43 8.98	23.46 0.24 7.02	19.05 -0.08 8.97	18.73 -0.06 11.36	17.53 -0.09 13.92	17.31 -0.15 13.28	16.25 -0.12 12.83	14.89 -0.08 11.01	16.50 -0.06 11.72	21.00 -0.07 15.21	26.64 0.09 19.16	33.10 0.42 19.59	43.34 0.42 3.77	43.91 0.52 3.92	37.66 0.39 1.95	31.71 0.29 0.99	29.57 0.32 0.00
ONEIDA___115KV_TB4 55905	23.32 0.37 -0.07	18.67 0.27 -0.13	17.23 0.24 -0.16	17.42 0.21 -0.07	16.84 0.23 -0.19	21.08 0.41 0.00	30.33 0.65 0.00	20.01 0.89 13.77	19.32 0.70 11.61	13.62 0.37 14.85	11.74 0.39 18.81	8.88 0.38 23.04	9.10 0.34 21.98	9.78 0.35 19.76	9.46 0.36 16.89	10.69 0.40 17.98	11.61 0.51 25.18	14.72 0.73 31.71	20.89 1.05 32.42	41.34 0.89 6.24	41.72 0.90 6.48	36.73 0.75 3.23	31.32 0.55 1.64	29.66 0.41 0.00
ONONDAGA_REF_OCCRA 23987	22.79 -0.23 -0.13	18.28 -0.24 -0.25	16.91 -0.22 -0.30	17.05 -0.22 -0.12	16.56 -0.21 -0.35	20.54 -0.12 0.00	29.50 -0.18 0.00	7.57 -0.03 25.29	8.88 -0.03 21.33	0.73 -0.11 27.26	-4.53 -0.15 34.54	-10.95 -0.19 42.30	-9.77 -0.15 40.36	-7.18 -0.09 36.29	-5.05 -0.03 31.01	-4.79 -0.06 33.01	-10.17 -0.22 46.24	-12.84 -0.32 58.23	-7.68 -0.42 59.54	34.54 -0.70 11.45	34.69 -0.71 11.91	32.70 -0.59 5.93	28.85 -0.55 3.01	28.73 -0.53 0.00
ONONDAGA___COGEN 23986	22.65 -0.34 -0.11	18.17 -0.31 -0.22	16.78 -0.30 -0.26	16.97 -0.29 -0.11	16.44 -0.28 -0.30	20.43 -0.23 0.00	29.35 -0.33 0.00	5.49 -0.36 27.04	7.10 -0.33 22.80	-1.38 -0.34 29.15	-7.16 -0.39 36.93	-14.13 -0.44 45.23	-12.80 -0.40 43.14	-9.92 -0.32 38.79	-7.43 -0.26 33.15	-7.30 -0.28 35.29	-13.65 -0.51 49.43	-17.23 -0.69 62.25	-12.21 -0.84 63.65	33.42 -1.03 12.24	33.49 -1.09 12.73	31.97 -0.90 6.34	28.41 -0.78 3.22	28.58 -0.67 0.00
ONTARIO___LFGE 23819	22.71 -0.32 -0.14	18.22 -0.33 -0.29	16.85 -0.32 -0.34	17.00 -0.29 -0.14	16.57 -0.25 -0.39	20.60 -0.06 0.00	29.56 -0.12 0.00	16.00 0.40 17.29	16.08 0.42 14.58	9.80 0.34 18.64	6.84 0.30 23.62	2.90 0.28 28.92	3.37 0.22 27.59	4.62 0.23 24.81	5.04 0.26 21.20	5.96 0.25 22.57	4.89 0.22 31.61	6.17 0.28 39.81	11.93 0.37 40.71	38.16 -0.70 7.83	38.45 -0.71 8.14	34.57 -0.59 4.06	29.87 -0.49 2.06	28.70 -0.56 0.00
ORANGEVILLE_WT_PWR 323706	21.88 -1.19 -0.18	17.62 -1.00 -0.36	16.32 -0.94 -0.43	16.40 -0.93 -0.18	16.09 -0.84 -0.50	19.96 -0.70 0.00	28.37 -1.31 0.00	19.04 -0.23 13.63	18.77 0.00 11.47	13.59 0.14 14.65	11.78 0.18 18.56	8.97 0.16 22.73	9.02 -0.03 21.69	9.67 -0.03 19.50	9.34 0.03 16.67	10.48 -0.06 17.74	11.26 -0.18 24.85	14.01 -0.41 31.29	19.52 -0.78 31.97	38.00 -2.71 5.98	38.18 -2.93 6.19	33.85 -2.28 3.09	29.33 -1.46 1.62	27.79 -1.46 0.00
ORANGEVILLE___ESR 323794	21.88 -1.19 -0.18	17.62 -1.00 -0.36	16.32 -0.94 -0.43	16.40 -0.93 -0.18	16.09 -0.84 -0.50	19.96 -0.70 0.00	28.37 -1.31 0.00	19.04 -0.23 13.63	18.77 0.00 11.47	13.59 0.14 14.65	11.78 0.18 18.56	8.97 0.16 22.73	9.02 -0.03 21.69	9.67 -0.03 19.50	9.34 0.03 16.67	10.48 -0.06 17.74	11.26 -0.18 24.85	14.01 -0.41 31.29	19.52 -0.78 31.97	38.00 -2.71 5.98	38.18 -2.93 6.19	33.85 -2.28 3.09	29.33 -1.46 1.62	27.79 -1.46 0.00
OSWEGATCHIE___HYD 24044	22.25 -0.66 -0.03	17.87 -0.46 -0.06	16.51 -0.39 -0.07	16.67 -0.51 -0.03	16.03 -0.48 -0.08	19.98 -0.68 0.00	28.73 -0.95 0.00	17.43 -1.18 14.28	21.75 -1.33 7.16	17.52 -1.43 9.15	17.03 -1.54 11.59	15.80 -1.54 14.19	15.60 -1.60 13.54	7.64 -1.52 20.03	7.09 -1.38 17.52	8.20 -1.44 18.63	19.14 -1.63 15.51	24.39 -1.78 19.53	30.83 -1.46 19.97	41.78 -1.07 3.84	42.50 -0.80 3.99	36.60 -0.63 1.99	30.98 -0.42 1.01	28.96 -0.29 0.00
OSWEGO___5 23606	22.21 -0.75 -0.08	17.78 -0.64 -0.16	16.41 -0.61 -0.19	16.63 -0.60 -0.08	16.07 -0.58 -0.22	20.02 -0.64 0.00	28.73 -0.95 0.00	-6.83 -1.12 38.60	-3.31 -1.00 32.55	-14.47 -0.96 41.61	-23.62 -1.06 52.72	-34.13 -1.10 64.57	-31.93 -1.08 61.59	-27.18 -0.99 55.38	-22.18 -0.83 47.33	-23.04 -0.93 50.38	-35.59 -1.30 70.57	-44.86 -1.69 88.87	-40.59 -1.99 90.87	27.16 -2.05 17.48	27.00 -2.13 18.17	28.40 -1.76 9.06	26.39 -1.43 4.59	28.02 -1.23 0.00
OSWEGO___6 23613	22.21 -0.75 -0.08	17.78 -0.64 -0.16	16.41 -0.61 -0.19	16.63 -0.60 -0.08	16.07 -0.58 -0.22	20.02 -0.64 0.00	28.73 -0.95 0.00	-6.83 -1.12 38.60	-3.31 -1.00 32.55	-14.47 -0.96 41.61	-23.62 -1.06 52.72	-34.13 -1.10 64.57	-31.93 -1.08 61.59	-27.18 -0.99 55.38	-22.18 -0.83 47.33	-23.04 -0.93 50.38	-35.59 -1.30 70.57	-44.86 -1.69 88.87	-40.59 -1.99 90.87	27.16 -2.05 17.48	27.00 -2.13 18.17	28.40 -1.76 9.06	26.39 -1.43 4.59	28.02 -1.23 0.00

OUTOKUMPU-AB___DRP 24206	21.69 -1.35 -0.15	17.40 -1.17 -0.30	16.11 -1.08 -0.36	16.22 -1.08 -0.15	15.87 -0.97 -0.42	19.69 -0.97 0.00	27.90 -1.78 0.00	19.37 -0.69 12.84	19.11 -0.30 10.82	14.32 0.06 13.84	12.89 0.27 17.54	10.56 0.50 21.49	10.49 0.25 20.50	10.91 0.15 18.43	10.46 0.21 15.73	11.62 0.11 16.77	12.83 0.00 23.46	15.71 -0.46 29.53	20.89 -1.20 30.18	37.08 -3.92 5.68	36.99 -4.45 5.86	32.80 -3.49 2.93	28.64 -2.24 1.53	27.32 -1.93 0.00
OXBOW___BTM 323836	21.57 -1.47 -0.15	17.30 -1.26 -0.30	16.01 -1.18 -0.36	16.13 -1.17 -0.15	15.77 -1.07 -0.42	19.53 -1.14 0.00	27.66 -2.02 0.00	19.00 -1.12 12.78	18.77 -0.69 10.78	14.08 -0.25 13.77	12.62 -0.09 17.45	10.36 0.19 21.37	10.29 -0.06 20.38	10.72 -0.15 18.33	10.24 -0.08 15.66	11.43 -0.17 16.68	12.54 -0.40 23.35	15.30 -1.01 29.40	20.30 -1.93 30.04	36.51 -4.53 5.65	36.51 -4.97 5.83	32.39 -3.92 2.91	28.23 -2.66 1.53	27.06 -2.19 0.00
OXBOW___ 24026	21.57 -1.46 -0.15	17.30 -1.26 -0.30	16.01 -1.18 -0.36	16.13 -1.17 -0.15	15.77 -1.07 -0.42	19.53 -1.14 0.00	27.66 -2.02 0.00	19.00 -1.12 12.78	18.77 -0.70 10.78	14.10 -0.22 13.77	12.62 -0.09 17.45	10.36 0.19 21.37	10.29 -0.06 20.38	10.72 -0.15 18.33	10.24 -0.08 15.66	11.40 -0.20 16.68	12.54 -0.40 23.35	15.30 -1.01 29.40	20.30 -1.93 30.04	36.51 -4.53 5.65	36.37 -5.11 5.83	32.31 -4.00 2.91	28.19 -2.69 1.53	27.06 -2.19 0.00
OXY_CHEM_DSASP 323612	21.39 -1.65 -0.15	17.15 -1.41 -0.30	15.89 -1.30 -0.35	16.00 -1.30 -0.15	15.65 -1.18 -0.41	19.30 -1.36 0.00	27.33 -2.34 0.00	18.56 -1.61 12.72	18.33 -1.18 10.72	13.78 -0.62 13.71	12.30 -0.51 17.35	10.10 -0.19 21.25	10.04 -0.43 20.27	10.41 -0.55 18.23	9.98 -0.42 15.59	11.13 -0.57 16.58	12.14 -0.91 23.24	14.71 -1.74 29.26	19.55 -2.82 29.90	35.75 -5.32 5.62	35.60 -5.91 5.79	31.66 -4.67 2.89	27.68 -3.21 1.52	26.74 -2.52 0.00
OZONE_PARK_ESR 323760	25.92 2.17 -0.86	21.67 1.66 -1.75	20.33 1.43 -2.07	19.41 1.41 -0.86	20.21 1.38 -2.41	22.44 1.78 0.00	32.17 2.49 0.00	33.82 3.39 2.46	31.28 3.11 2.07	31.51 2.67 -0.74	30.07 2.90 2.98	30.34 2.90 4.10	31.56 2.95 2.14	33.29 3.07 -1.03	33.16 2.83 -4.35	34.61 2.97 -3.37	36.58 3.45 3.15	44.26 4.20 5.65	50.82 4.34 5.79	49.50 3.92 1.11	50.07 3.93 1.16	41.74 3.10 0.58	34.61 2.50 0.29	31.21 1.96 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	21.39 -1.65 -0.15	17.15 -1.41 -0.30	15.89 -1.30 -0.35	16.00 -1.30 -0.15	15.65 -1.18 -0.41	19.30 -1.36 0.00	27.33 -2.34 0.00	18.56 -1.61 12.72	18.33 -1.18 10.72	13.78 -0.62 13.71	12.30 -0.51 17.35	10.10 -0.19 21.25	10.04 -0.43 20.27	10.41 -0.55 18.23	9.98 -0.42 15.59	11.13 -0.57 16.58	12.14 -0.91 23.24	14.71 -1.74 29.26	19.55 -2.82 29.90	35.75 -5.32 5.62	35.60 -5.91 5.79	31.66 -4.67 2.89	27.68 -3.21 1.52	26.74 -2.52 0.00
PACKARD__115KV_DUPONT_184 80571	21.39 -1.65 -0.15	17.15 -1.41 -0.30	15.89 -1.30 -0.35	16.00 -1.30 -0.15	15.65 -1.18 -0.41	19.30 -1.36 0.00	27.33 -2.34 0.00	18.56 -1.61 12.72	18.33 -1.18 10.72	13.78 -0.62 13.71	12.30 -0.51 17.35	10.10 -0.19 21.25	10.04 -0.43 20.27	10.41 -0.55 18.23	9.98 -0.42 15.59	11.13 -0.57 16.58	12.14 -0.91 23.24	14.71 -1.74 29.26	19.55 -2.82 29.90	35.75 -5.32 5.62	35.60 -5.91 5.79	31.66 -4.67 2.89	27.68 -3.21 1.52	26.74 -2.52 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	25.79 2.04 -0.86	21.59 1.59 -1.75	20.23 1.33 -2.07	19.29 1.29 -0.86	20.10 1.26 -2.41	22.27 1.61 0.00	31.79 2.11 0.00	33.36 2.93 2.46	30.91 2.75 2.07	31.14 2.30 -0.73	29.67 2.50 2.99	29.96 2.52 4.11	31.15 2.55 2.14	32.90 2.69 -1.02	32.79 2.47 -4.34	34.21 2.57 -3.36	36.06 2.94 3.16	43.61 3.56 5.66	50.14 3.66 5.79	48.89 3.32 1.11	49.41 3.26 1.16	41.19 2.55 0.58	34.19 2.07 0.29	30.86 1.61 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	25.97 2.22 -0.86	21.72 1.72 -1.75	20.36 1.46 -2.07	19.45 1.44 -0.86	20.24 1.41 -2.41	22.48 1.82 0.00	32.05 2.37 0.00	33.66 3.22 2.46	31.13 2.96 2.07	31.30 2.47 -0.73	29.86 2.68 2.99	30.11 2.68 4.11	31.30 2.71 2.14	33.02 2.80 -1.02	32.89 2.57 -4.34	34.32 2.69 -3.36	36.21 3.08 3.16	43.84 3.79 5.66	50.35 3.87 5.79	49.12 3.55 1.11	49.64 3.50 1.16	41.35 2.71 0.58	34.32 2.20 0.29	30.98 1.73 0.00
PATROON__115KV_TB1 80586	24.54 0.55 -1.10	21.00 0.51 -2.23	19.95 0.47 -2.65	18.74 0.50 -1.09	19.98 0.48 -3.08	21.30 0.64 0.00	30.54 0.86 0.00	32.18 0.89 1.60	29.58 0.70 1.35	26.86 0.48 1.72	28.40 0.42 2.18	29.24 0.38 2.67	28.65 0.46 2.55	27.52 0.61 2.29	24.70 0.68 1.96	26.84 0.65 2.09	33.80 0.44 2.92	42.39 0.37 3.68	48.98 0.47 3.76	46.62 0.65 0.72	47.16 0.61 0.75	39.35 0.51 0.38	32.58 0.36 0.19	29.60 0.35 0.00
PATTRSNVILLE___SOLAR 323815	24.89 0.85 -1.15	21.24 0.64 -2.34	20.19 0.59 -2.78	18.92 0.62 -1.15	20.25 0.59 -3.23	21.49 0.83 0.00	30.87 1.19 0.00	32.99 1.58 1.48	30.11 1.12 1.25	27.18 0.67 1.60	28.80 0.66 2.02	29.73 0.66 2.48	29.05 0.68 2.36	27.86 0.79 2.12	24.97 0.81 1.81	27.25 0.90 1.93	34.52 0.94 2.71	43.72 1.42 3.41	50.82 2.04 3.48	48.12 2.10 0.67	48.74 2.13 0.70	40.56 1.69 0.35	33.56 1.33 0.18	30.36 1.11 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	21.50 -1.56 -0.16	17.28 -1.31 -0.33	16.00 -1.23 -0.39	16.08 -1.23 -0.16	15.77 -1.12 -0.46	19.98 -0.68 0.00	28.34 -1.34 0.00	20.49 0.69 13.09	20.16 0.97 11.05	15.08 1.10 14.12	13.61 1.36 17.90	11.16 1.55 21.92	11.12 1.29 20.91	11.59 1.20 18.81	11.05 1.12 16.05	12.27 1.10 17.11	13.70 1.34 23.93	16.94 1.37 30.13	22.48 0.99 30.79	39.83 -1.68 5.18	39.77 -2.13 5.40	34.92 -1.61 2.69	30.03 -0.81 1.57	27.73 -1.52 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	25.61 1.85 -0.87	21.43 1.41 -1.76	20.11 1.19 -2.09	19.22 1.20 -0.86	20.05 1.20 -2.43	22.17 1.51 0.00	31.82 2.14 0.00	33.36 2.89 2.43	30.81 2.63 2.06	27.58 2.11 2.63	29.09 2.26 3.33	29.66 2.21 4.08	29.12 2.27 3.90	28.12 2.42 3.50	25.25 2.26 2.99	27.44 2.35 3.19	34.55 2.72 4.46	43.42 3.34 5.62	50.03 3.50 5.75	48.90 3.32 1.11	49.42 3.26 1.15	41.31 2.67 0.57	34.26 2.14 0.29	30.92 1.67 0.00
PEEKSKILL___ 23653	25.48 1.74 -0.85	21.30 1.32 -1.73	20.01 1.13 -2.05	19.13 1.13 -0.85	19.91 1.10 -2.38	22.07 1.41 0.00	31.67 1.99 0.00	33.11 2.70 2.48	30.62 2.48 2.10	27.57 2.05 2.59	29.01 2.23 3.38	29.62 2.24 4.16	29.10 2.27 3.92	28.18 2.42 3.44	25.37 2.23 2.84	27.53 2.32 3.06	34.43 2.65 4.51	43.18 3.20 5.72	49.66 3.24 5.85	48.56 2.99 1.13	49.11 2.98 1.17	41.03 2.39 0.58	34.06 1.94 0.30	30.77 1.52 0.00
PGE MADISON___WINDPWR 24146	24.17 0.98 -0.30	19.61 0.75 -0.60	18.20 0.66 -0.72	18.12 0.67 -0.30	17.96 0.71 -0.83	21.88 1.22 0.00	31.52 1.84 0.00	18.36 2.90 17.43	17.80 2.27 14.71	10.73 1.43 18.80	7.91 1.57 23.82	3.85 1.48 29.17	4.08 1.17 27.82	5.20 1.02 25.02	5.64 1.04 21.38	6.70 1.19 22.76	6.07 1.67 31.88	8.21 2.65 40.15	14.83 3.60 41.05	41.81 2.99 7.87	42.38 3.26 8.18	37.77 2.63 4.08	32.41 2.08 2.08	30.74 1.49 0.00

PIERCEFIELD___HYD 23852	21.88 -1.03 -0.02	17.60 -0.69 -0.03	16.33 -0.54 -0.04	16.57 -0.60 -0.02	15.89 -0.57 -0.04	19.65 -1.01 0.00	28.20 -1.48 0.00	17.43 -1.94 13.52	24.27 -1.94 4.03	21.21 -1.74 5.15	21.77 -1.87 6.52	21.75 -1.80 7.99	21.24 -1.88 7.62	8.64 -1.84 18.72	7.70 -1.69 16.59	8.85 -1.78 17.64	25.63 -1.92 8.73	32.47 -2.24 10.99	38.99 -2.04 11.24	42.99 -1.54 2.16	43.92 -1.14 2.25	37.24 -0.86 1.12	31.35 -0.49 0.57	28.87 -0.38 0.00
PINELAWN_CC_1 323563	26.16 2.40 -0.87	21.88 1.86 -1.76	20.56 1.65 -2.08	19.60 1.60 -0.86	20.44 1.61 -2.41	22.74 2.07 -0.01	32.57 2.88 -0.01	34.10 3.65 2.44	31.53 3.36 2.06	28.57 2.90 2.43	29.92 3.11 3.34	30.42 3.00 4.12	30.13 3.20 3.81	29.23 3.24 3.20	26.50 3.01 2.50	36.04 3.08 -4.68	45.78 3.52 -5.98	47.38 4.16 2.49	53.74 4.44 2.97	57.57 4.02 -6.86	59.45 4.07 -8.08	48.15 3.29 -5.64	44.68 2.79 -9.49	31.95 2.31 -0.39
PJM_GEN_HTTP_PROXY 323702	25.74 1.99 -0.86	21.52 1.51 -1.75	20.21 1.31 -2.07	19.31 1.30 -0.86	20.10 1.26 -2.41	22.27 1.61 0.00	31.97 2.29 0.00	33.53 3.09 2.46	31.04 2.87 2.07	30.43 2.42 0.09	29.74 2.65 3.07	30.12 2.68 4.10	30.84 2.67 2.57	31.94 2.83 0.08	31.13 2.60 -2.55	32.75 2.71 -1.76	35.93 3.12 3.48	43.80 3.75 5.65	50.35 3.87 5.79	49.08 3.50 1.11	49.64 3.50 1.16	41.39 2.74 0.58	34.35 2.23 0.29	31.01 1.75 0.00
PJM_GEN_KEystone 24065	23.77 0.34 -0.54	19.55 0.20 -1.09	18.10 0.05 -1.22	17.71 0.05 -0.50	17.93 0.08 -1.42	20.95 0.29 0.00	29.95 0.27 0.00	25.89 1.22 8.22	24.54 1.24 6.94	20.60 1.13 8.63	20.22 1.27 11.20	19.11 1.32 13.75	19.01 1.26 12.99	19.04 1.32 11.47	17.66 1.25 9.56	19.28 1.27 10.27	22.76 1.41 14.94	28.28 1.51 18.93	34.23 1.31 19.35	43.18 0.14 3.65	43.49 0.00 3.81	37.32 0.00 1.90	31.59 0.16 0.98	29.31 0.06 0.00
PJM_GEN_NEPTUNE_PROXY 323594	25.82 2.06 -0.87	21.64 1.62 -1.75	20.34 1.43 -2.08	19.40 1.39 -0.86	20.25 1.41 -2.41	22.45 1.78 -0.01	32.12 2.43 -0.01	33.64 3.19 2.45	31.14 2.96 2.07	28.21 2.61 2.51	29.61 2.81 3.35	30.10 2.68 4.12	29.81 2.92 3.85	28.77 2.89 3.32	25.95 2.65 2.68	34.14 2.66 -3.21	43.39 2.98 -4.13	46.09 3.43 3.04	52.01 3.56 3.81	55.42 3.27 -5.46	56.98 3.22 -6.46	46.43 2.67 -4.55	42.49 2.30 -7.78	31.45 1.87 -0.32
PJM_GEN_VFT_PROXY 323633	25.67 1.92 -0.86	21.47 1.46 -1.75	20.16 1.26 -2.07	19.26 1.25 -0.86	20.05 1.22 -2.41	22.23 1.57 0.00	31.85 2.17 0.00	33.46 3.02 2.46	30.94 2.78 2.07	31.20 2.36 -0.74	29.77 2.59 2.98	30.03 2.59 4.10	31.22 2.61 2.14	32.97 2.74 -1.03	32.88 2.55 -4.35	34.27 2.63 -3.37	36.18 3.05 3.15	43.62 3.57 5.65	50.08 3.60 5.79	48.84 3.27 1.11	49.40 3.26 1.16	41.27 2.63 0.58	34.25 2.14 0.29	30.92 1.67 0.00
PLATSBURG_115KV_PMLD1 355749	22.34 -0.55 0.00	17.90 -0.37 0.00	16.54 -0.29 0.00	16.83 -0.33 0.00	16.06 -0.36 0.00	19.90 -0.76 0.00	28.55 -1.13 0.00	18.57 -1.38 12.94	27.32 -1.30 1.62	25.02 -1.01 2.07	26.39 -1.15 2.62	27.10 -1.23 3.21	26.39 -1.29 3.06	10.18 -1.31 17.70	8.93 -1.17 15.88	10.21 -1.19 16.88	31.62 -1.16 3.51	40.28 -1.01 4.42	47.08 -0.68 4.51	45.45 -0.37 0.87	46.35 -0.05 0.90	38.73 -0.04 0.45	32.25 0.06 0.23	29.34 0.09 0.00
PLEASANTVLY___LBMP 24000	25.37 1.58 -0.90	21.29 1.21 -1.83	20.04 1.04 -2.17	19.09 1.05 -0.90	19.96 1.02 -2.52	21.94 1.28 0.00	31.46 1.78 0.00	32.96 2.40 2.34	30.47 2.21 1.98	27.40 1.83 2.53	28.92 1.96 3.20	29.58 1.96 3.92	29.03 2.03 3.74	28.00 2.16 3.36	25.11 2.00 2.87	27.28 2.06 3.06	34.29 2.29 4.28	43.01 2.70 5.39	49.53 2.77 5.51	48.20 2.57 1.06	48.75 2.55 1.10	40.71 2.04 0.55	33.78 1.65 0.28	30.57 1.32 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	25.54 1.79 -0.87	21.39 1.37 -1.76	20.09 1.18 -2.08	19.18 1.17 -0.86	20.00 1.15 -2.43	22.13 1.47 0.00	31.73 2.05 0.00	33.22 2.76 2.44	30.72 2.54 2.06	27.39 2.11 2.82	29.09 2.29 3.36	29.76 2.30 4.09	29.08 2.34 3.99	27.96 2.51 3.75	24.90 2.31 3.39	27.14 2.40 3.54	34.47 2.72 4.54	43.37 3.29 5.63	49.87 3.35 5.75	48.71 3.13 1.11	49.23 3.07 1.15	41.12 2.47 0.57	34.13 2.01 0.29	30.80 1.55 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	25.54 1.79 -0.87	21.39 1.37 -1.76	20.09 1.18 -2.08	19.18 1.17 -0.86	20.00 1.15 -2.43	22.13 1.47 0.00	31.73 2.05 0.00	33.22 2.76 2.44	30.72 2.54 2.06	27.39 2.11 2.82	29.09 2.29 3.36	29.76 2.30 4.09	29.08 2.34 3.99	27.96 2.51 3.75	24.90 2.31 3.39	27.14 2.40 3.54	34.47 2.72 4.54	43.37 3.29 5.63	49.87 3.35 5.75	48.71 3.13 1.11	49.23 3.07 1.15	41.12 2.47 0.57	34.13 2.01 0.29	30.80 1.55 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	25.47 1.69 -0.89	21.36 1.30 -1.80	20.09 1.13 -2.13	19.17 1.13 -0.88	20.02 1.12 -2.48	22.07 1.41 0.00	31.61 1.93 0.00	33.11 2.57 2.35	30.61 2.42 2.04	27.46 1.97 2.61	28.93 2.08 3.31	29.57 2.08 4.05	29.03 2.15 3.87	28.03 2.31 3.48	25.17 2.16 2.97	27.26 2.15 3.16	34.29 2.43 4.43	43.05 2.93 5.58	49.60 3.03 5.70	48.44 2.85 1.10	48.95 2.79 1.14	40.93 2.27 0.57	33.94 1.81 0.29	30.71 1.46 0.00
POLETTI____ 23519	25.74 1.99 -0.86	21.54 1.53 -1.75	20.21 1.31 -2.07	19.31 1.30 -0.86	20.11 1.28 -2.41	22.29 1.63 0.00	31.91 2.23 0.00	33.48 3.06 2.47	30.96 2.81 2.09	31.21 2.39 -0.72	29.73 2.56 3.00	30.01 2.59 4.11	31.20 2.61 2.15	32.98 2.77 -1.01	32.89 2.57 -4.33	34.28 2.66 -3.35	36.20 3.08 3.17	43.74 3.70 5.66	50.23 3.76 5.81	48.97 3.41 1.13	49.53 3.41 1.17	41.33 2.71 0.59	34.32 2.20 0.29	30.98 1.73 0.00
POMONA___ESR 323819	25.46 1.74 -0.83	21.27 1.32 -1.69	19.98 1.14 -2.00	19.13 1.15 -0.83	19.87 1.12 -2.33	22.09 1.42 0.00	31.73 2.05 0.00	33.12 2.76 2.53	30.63 2.54 2.14	27.50 2.13 2.74	28.98 2.29 3.47	29.63 2.33 4.25	29.05 2.37 4.05	28.06 2.51 3.64	25.21 2.34 3.11	27.39 2.43 3.32	34.44 2.79 4.64	43.19 3.33 5.85	49.74 3.45 5.98	48.72 3.18 1.15	49.23 3.12 1.20	41.14 2.51 0.60	34.15 2.04 0.30	30.83 1.58 0.00
PORT_JEFF_3 23555	26.32 2.56 -0.87	22.01 1.99 -1.75	20.67 1.77 -2.08	19.72 1.72 -0.86	20.57 1.74 -2.41	22.88 2.21 -0.01	32.75 3.06 -0.01	34.19 3.75 2.45	31.56 3.39 2.07	28.52 2.90 2.48	29.98 3.17 3.35	30.52 3.09 4.12	30.22 3.32 3.84	29.33 3.41 3.28	26.53 3.17 2.62	35.16 3.17 -3.72	44.72 3.66 -4.77	47.20 4.34 2.85	59.55 4.71 -2.57	56.97 4.25 -6.03	58.64 4.30 -7.03	47.77 3.57 -4.98	43.70 2.92 -8.37	32.06 2.46 -0.35
PORT_JEFF_4 23616	26.32 2.56 -0.87	22.01 1.99 -1.75	20.67 1.77 -2.08	19.72 1.72 -0.86	20.57 1.74 -2.41	22.88 2.21 -0.01	32.75 3.06 -0.01	34.19 3.75 2.45	31.56 3.39 2.07	28.52 2.90 2.48	29.98 3.17 3.35	30.52 3.09 4.12	30.22 3.32 3.84	29.33 3.41 3.28	26.53 3.17 2.62	35.16 3.17 -3.72	44.72 3.66 -4.77	47.20 4.34 2.85	59.55 4.71 -2.57	56.97 4.25 -6.03	58.64 4.30 -7.03	47.77 3.57 -4.98	43.70 2.92 -8.37	32.06 2.46 -0.35

PORT_JEFF_IC 23713	26.35 2.59 -0.87	22.06 2.05 -1.75	20.67 1.77 -2.08	19.72 1.72 -0.86	20.59 1.76 -2.41	22.90 2.23 -0.01	32.75 3.06 -0.01	34.20 3.75 2.45	31.59 3.42 2.07	28.52 2.89 2.48	29.98 3.17 3.35	30.52 3.09 4.12	30.22 3.32 3.84	29.36 3.45 3.28	26.56 3.20 2.61	35.23 3.20 -3.76	44.80 3.70 -4.82	47.30 4.43 2.84	60.66 4.86 -3.53	57.16 4.39 -6.08	58.73 4.35 -7.08	47.89 3.65 -5.02	43.77 2.95 -8.41	32.09 2.49 -0.35
PPL PILGRIM_ST_GT1 24216	26.35 2.59 -0.87	22.02 2.01 -1.75	20.67 1.77 -2.08	19.72 1.72 -0.86	20.57 1.74 -2.41	22.90 2.23 -0.01	32.78 3.09 -0.01	34.33 3.88 2.45	31.71 3.54 2.06	28.67 3.04 2.47	30.10 3.29 3.35	30.61 3.18 4.12	30.32 3.41 3.83	29.43 3.50 3.27	26.61 3.22 2.60	35.45 3.28 -3.90	45.05 3.77 -4.99	47.35 4.43 2.78	54.53 4.60 2.34	57.02 4.20 -6.13	58.87 4.35 -7.22	47.81 3.53 -5.06	44.00 3.01 -8.57	32.15 2.54 -0.35
PPL PILGRIM_ST_GT2 24217	26.35 2.59 -0.87	22.02 2.01 -1.75	20.67 1.77 -2.08	19.72 1.72 -0.86	20.57 1.74 -2.41	22.90 2.23 -0.01	32.78 3.09 -0.01	34.33 3.88 2.45	31.71 3.54 2.06	28.67 3.04 2.47	30.10 3.29 3.35	30.61 3.18 4.12	30.32 3.41 3.83	29.43 3.50 3.27	26.61 3.22 2.60	35.45 3.28 -3.90	45.05 3.77 -4.99	47.35 4.43 2.78	54.53 4.60 2.34	57.02 4.20 -6.13	58.87 4.35 -7.22	47.81 3.53 -5.06	44.00 3.01 -8.57	32.15 2.54 -0.35
PPL_SHRM_GT3 24213	26.30 2.54 -0.87	21.97 1.95 -1.75	20.64 1.73 -2.08	19.71 1.70 -0.86	20.57 1.74 -2.41	22.84 2.17 -0.01	32.63 2.94 -0.01	33.87 3.42 2.45	31.19 3.02 2.07	28.15 2.53 2.48	29.74 2.92 3.35	30.32 2.90 4.12	30.00 3.10 3.84	29.19 3.27 3.28	26.40 3.04 2.62	34.90 2.89 -3.74	44.38 3.30 -4.79	46.83 3.97 2.84	59.58 4.60 -2.71	56.89 4.15 -6.05	58.37 4.02 -7.05	47.75 3.53 -5.00	43.42 2.62 -8.39	31.88 2.28 -0.35
PPL_SHRM_GT4 24214	26.30 2.54 -0.87	21.97 1.95 -1.75	20.64 1.73 -2.08	19.71 1.70 -0.86	20.57 1.74 -2.41	22.84 2.17 -0.01	32.63 2.94 -0.01	33.87 3.42 2.45	31.19 3.02 2.07	28.15 2.53 2.48	29.74 2.92 3.35	30.32 2.90 4.12	30.00 3.10 3.84	29.19 3.27 3.28	26.40 3.04 2.62	34.90 2.89 -3.74	44.38 3.30 -4.79	46.83 3.97 2.84	59.58 4.60 -2.71	56.89 4.15 -6.05	58.37 4.02 -7.05	47.75 3.53 -5.00	43.42 2.62 -8.39	31.88 2.28 -0.35
PROJECT___ORANGE 1 24174	22.72 -0.27 -0.11	18.21 -0.27 -0.22	16.82 -0.27 -0.26	17.00 -0.26 -0.11	16.48 -0.25 -0.30	20.50 -0.17 0.00	29.41 -0.27 0.00	7.28 -0.16 25.45	8.66 -0.12 21.46	0.50 -0.17 27.43	-4.78 -0.18 34.76	-11.25 -0.22 42.57	-10.05 -0.18 40.61	-7.43 -0.12 36.51	-5.27 -0.05 31.20	-5.03 -0.08 33.22	-10.49 -0.25 46.53	-13.34 -0.46 58.59	-8.26 -0.63 59.91	34.28 -0.89 11.52	34.38 -0.95 11.98	32.46 -0.78 5.97	28.70 -0.68 3.03	28.64 -0.61 0.00
PROJECT___ORANGE 2 24166	22.72 -0.27 -0.11	18.21 -0.27 -0.22	16.82 -0.27 -0.26	17.00 -0.26 -0.11	16.48 -0.25 -0.30	20.50 -0.17 0.00	29.41 -0.27 0.00	7.28 -0.16 25.45	8.66 -0.12 21.46	0.50 -0.17 27.43	-4.78 -0.18 34.76	-11.25 -0.22 42.57	-10.05 -0.18 40.61	-7.43 -0.12 36.51	-5.27 -0.05 31.20	-5.03 -0.08 33.22	-10.49 -0.25 46.53	-13.34 -0.46 58.59	-8.26 -0.63 59.91	34.28 -0.89 11.52	34.38 -0.95 11.98	32.46 -0.78 5.97	28.70 -0.68 3.03	28.64 -0.61 0.00
PUCKETT___SOLAR 323809	23.48 0.28 -0.32	19.07 0.16 -0.64	17.74 0.15 -0.76	17.62 0.15 -0.32	17.49 0.18 -0.89	21.10 0.43 0.00	30.27 0.59 0.00	18.42 1.38 15.86	18.04 1.18 13.38	11.82 0.82 17.10	9.34 0.84 21.66	5.80 0.79 26.53	6.11 0.68 25.31	7.11 0.67 22.75	7.21 0.67 19.45	8.31 0.73 20.70	8.16 0.87 29.00	10.42 1.23 36.51	16.51 1.57 37.33	40.42 0.88 7.15	40.76 0.90 7.44	36.29 0.78 3.71	31.17 0.65 1.89	29.60 0.35 0.00
PYRITES___HYD 24023	22.31 -0.60 -0.01	17.93 -0.37 -0.03	16.60 -0.27 -0.04	16.86 -0.31 -0.01	16.17 -0.30 -0.04	20.02 -0.64 0.00	28.58 -1.10 0.00	17.87 -1.55 13.48	24.77 -1.63 3.84	21.71 -1.49 4.91	22.32 -1.63 6.22	22.35 -1.58 7.61	21.82 -1.66 7.26	8.89 -1.66 18.64	7.94 -1.51 16.54	9.11 -1.58 17.58	26.44 -1.52 8.32	33.63 -1.60 10.48	40.46 -1.10 10.71	44.07 -0.56 2.06	45.02 -0.14 2.14	38.07 -0.08 1.07	31.96 0.10 0.54	29.34 0.09 0.00
QUAKERRD_115KV_BK1 80622	21.90 -1.10 -0.11	17.52 -0.97 -0.23	16.19 -0.91 -0.27	16.39 -0.87 -0.11	15.92 -0.82 -0.32	19.69 -0.97 0.00	28.23 -1.45 0.00	18.27 -1.38 13.25	17.95 -1.12 11.17	12.87 -0.96 14.27	11.05 -1.03 18.09	8.41 -0.98 22.15	8.59 -1.01 21.13	9.20 -0.99 19.00	8.94 -0.81 16.23	10.06 -0.93 17.28	10.81 -1.27 24.21	13.39 -1.83 30.49	18.80 -2.30 31.17	37.32 -3.36 6.01	37.46 -3.59 6.25	33.16 -2.94 3.11	28.60 -2.24 1.58	27.47 -1.78 0.00
QUENSBRY_115KV_TB8 356137	25.00 0.98 -1.13	21.28 0.73 -2.29	20.21 0.67 -2.71	18.99 0.72 -1.12	20.27 0.69 -3.15	21.72 1.05 0.00	31.28 1.60 0.00	33.29 1.91 1.51	30.39 1.42 1.27	27.44 0.96 1.62	28.95 0.84 2.05	29.88 0.85 2.51	29.20 0.86 2.40	28.09 1.05 2.16	25.21 1.07 1.84	27.50 1.19 1.96	34.74 1.20 2.75	43.94 1.69 3.46	51.03 2.30 3.54	48.39 2.38 0.68	48.96 2.37 0.71	40.71 1.84 0.35	33.59 1.36 0.18	30.30 1.05 0.00
RAMAPO___LBMP 323565	25.36 1.65 -0.83	21.20 1.26 -1.68	19.89 1.08 -1.99	19.06 1.08 -0.82	19.79 1.05 -2.31	22.01 1.34 0.00	31.58 1.90 0.00	32.90 2.57 2.55	30.44 2.36 2.16	27.31 1.97 2.76	28.78 2.11 3.49	29.37 2.11 4.28	28.84 2.18 4.08	27.83 2.31 3.67	25.00 2.16 3.14	27.17 2.23 3.34	34.15 2.54 4.68	42.83 3.02 5.89	49.33 3.08 6.02	48.38 2.85 1.16	48.93 2.84 1.20	40.89 2.27 0.60	33.92 1.81 0.30	30.69 1.43 0.00
RANKINE____ 23646	21.74 -1.30 -0.16	17.47 -1.11 -0.32	16.17 -1.04 -0.39	16.28 -1.03 -0.16	15.95 -0.92 -0.45	19.90 -0.76 0.00	28.23 -1.45 0.00	19.74 -0.13 13.02	19.47 0.21 10.98	14.52 0.45 14.04	13.04 0.66 17.79	10.58 0.82 21.78	10.51 0.55 20.78	11.01 0.50 18.69	10.52 0.49 15.96	11.70 0.42 17.00	12.97 0.47 23.79	16.02 0.27 29.96	21.36 -0.31 30.60	38.25 -2.89 5.54	38.16 -3.41 5.74	33.77 -2.59 2.87	29.23 -1.62 1.56	27.61 -1.64 0.00
RAVENSWOOD_GT2_1 24244	25.74 1.99 -0.86	21.54 1.53 -1.75	20.21 1.31 -2.07	19.31 1.30 -0.86	20.10 1.26 -2.41	22.29 1.63 0.00	31.94 2.26 0.00	33.53 3.09 2.46	31.03 2.87 2.07	32.00 2.42 -1.48	29.89 2.62 2.90	30.10 2.65 4.09	31.67 2.67 1.74	34.06 2.83 -2.03	34.54 2.60 -5.96	35.80 2.71 -4.81	36.55 3.12 2.86	43.81 3.75 5.64	50.35 3.87 5.79	49.08 3.50 1.11	49.64 3.50 1.16	41.43 2.78 0.58	34.35 2.24 0.29	31.01 1.76 0.00
RAVENSWOOD_GT2_2 24245	25.74 1.99 -0.86	21.54 1.53 -1.75	20.21 1.31 -2.07	19.31 1.30 -0.86	20.10 1.26 -2.41	22.29 1.63 0.00	31.94 2.26 0.00	33.53 3.09 2.46	31.03 2.87 2.07	32.00 2.42 -1.48	29.89 2.62 2.90	30.10 2.65 4.09	31.67 2.67 1.74	34.06 2.83 -2.03	34.54 2.60 -5.96	35.80 2.71 -4.81	36.55 3.12 2.86	43.81 3.75 5.64	50.35 3.87 5.79	49.08 3.50 1.11	49.64 3.50 1.16	41.43 2.78 0.58	34.35 2.24 0.29	31.01 1.76 0.00

RAVENSWOOD_GT2_3 24246	25.76 2.01 -0.86	21.54 1.53 -1.75	20.21 1.31 -2.07	19.31 1.30 -0.86	20.11 1.28 -2.41	22.29 1.63 0.00	31.96 2.29 0.00	33.56 3.12 2.46	31.03 2.87 2.07	32.03 2.44 -1.48	29.92 2.65 2.90	30.10 2.65 4.09	31.70 2.71 1.74	34.06 2.83 -2.03	34.57 2.62 -5.96	35.83 2.74 -4.81	36.58 3.16 2.86	43.85 3.79 5.64	50.35 3.87 5.79	49.12 3.55 1.11	49.64 3.50 1.16	41.43 2.78 0.58	34.38 2.27 0.29	31.04 1.78 0.00
RAVENSWOOD_GT2_4 24247	25.76 2.01 -0.86	21.54 1.53 -1.75	20.21 1.31 -2.07	19.31 1.30 -0.86	20.11 1.28 -2.41	22.29 1.63 0.00	31.96 2.29 0.00	33.56 3.12 2.46	31.03 2.87 2.07	32.03 2.87 -1.48	29.92 2.65 2.90	30.10 2.65 4.09	31.70 2.71 1.74	34.06 2.83 -2.03	34.57 2.62 -5.96	35.83 2.74 -4.81	36.58 3.16 2.86	43.85 3.79 5.64	50.35 3.87 5.79	49.12 3.55 1.11	49.64 3.50 1.16	41.43 2.78 0.58	34.38 2.27 0.29	31.04 1.78 0.00
RAVENSWOOD_GT3_1 24248	25.74 1.99 -0.86	21.54 1.53 -1.75	20.21 1.31 -2.07	19.31 1.30 -0.86	20.10 1.26 -2.41	22.29 1.63 0.00	31.94 2.26 0.00	33.53 3.09 2.46	31.03 2.87 2.07	32.00 2.42 -1.48	29.89 2.62 2.90	30.10 2.65 4.09	31.67 2.67 1.74	34.06 2.83 -2.03	34.54 2.60 -5.96	35.80 2.71 -4.81	36.55 3.12 2.86	43.81 3.75 5.64	50.35 3.87 5.79	49.08 3.50 1.11	49.64 3.50 1.16	41.43 2.78 0.58	34.35 2.24 0.29	31.01 1.76 0.00
RAVENSWOOD_GT3_2 24249	25.74 1.99 -0.86	21.54 1.53 -1.75	20.21 1.31 -2.07	19.31 1.30 -0.86	20.10 1.26 -2.41	22.29 1.63 0.00	31.94 2.26 0.00	33.53 3.09 2.46	31.03 2.87 2.07	32.00 2.42 -1.48	29.89 2.62 2.90	30.10 2.65 4.09	31.67 2.67 1.74	34.06 2.83 -2.03	34.54 2.60 -5.96	35.80 2.71 -4.81	36.55 3.12 2.86	43.81 3.75 5.64	50.35 3.87 5.79	49.08 3.50 1.11	49.64 3.50 1.16	41.43 2.78 0.58	34.35 2.24 0.29	31.01 1.76 0.00
RAVENSWOOD_GT3_3 24250	25.79 2.04 -0.86	21.56 1.55 -1.75	20.23 1.33 -2.07	19.33 1.32 -0.86	20.13 1.30 -2.41	22.31 1.65 0.00	31.99 2.32 0.00	33.59 3.16 2.46	31.06 2.90 2.07	32.06 2.47 -1.48	29.95 2.68 2.90	30.13 2.68 4.09	31.73 2.74 1.74	34.09 2.86 -2.03	34.60 2.65 -5.96	35.85 2.77 -4.81	36.62 3.19 2.86	43.90 3.84 5.64	50.40 3.92 5.79	49.17 3.60 1.11	49.69 3.55 1.16	41.47 2.82 0.58	34.38 2.27 0.29	31.04 1.78 0.00
RAVENSWOOD_GT3_4 24251	25.79 2.04 -0.86	21.56 1.55 -1.75	20.23 1.33 -2.07	19.33 1.32 -0.86	20.13 1.30 -2.41	22.31 1.65 0.00	31.99 2.32 0.00	33.59 3.16 2.46	31.06 2.90 2.07	32.06 2.47 -1.48	29.95 2.68 2.90	30.13 2.68 4.09	31.73 2.74 1.74	34.09 2.86 -2.03	34.60 2.65 -5.96	35.85 2.77 -4.81	36.62 3.19 2.86	43.90 3.84 5.64	50.40 3.92 5.79	49.17 3.60 1.11	49.69 3.55 1.16	41.47 2.82 0.58	34.38 2.27 0.29	31.04 1.78 0.00
RAVENSWOOD_GT_1 23729	25.81 2.06 -0.86	21.59 1.59 -1.75	20.24 1.35 -2.07	19.35 1.34 -0.86	20.13 1.30 -2.41	22.31 1.65 0.00	31.94 2.26 0.00	33.56 3.12 2.46	31.09 2.93 2.07	32.06 2.47 -1.48	29.95 2.68 2.90	30.16 2.71 4.09	31.73 2.74 1.74	34.09 2.86 -2.03	34.60 2.65 -5.96	35.85 2.77 -4.81	36.62 3.19 2.86	43.95 3.88 5.64	50.40 3.92 5.79	49.12 3.55 1.11	49.69 3.55 1.16	41.43 2.78 0.58	34.35 2.24 0.29	31.01 1.76 0.00
RAVENSWOOD_GT_10 24258	25.74 1.99 -0.86	21.54 1.53 -1.75	20.21 1.31 -2.07	19.31 1.30 -0.86	20.10 1.26 -2.41	22.29 1.63 0.00	31.94 2.26 0.00	33.53 3.09 2.46	31.03 2.87 2.07	32.00 2.42 -1.48	29.89 2.62 2.90	30.10 2.65 4.09	31.67 2.67 1.74	34.06 2.83 -2.03	34.54 2.60 -5.96	35.80 2.71 -4.81	36.55 3.12 2.86	43.81 3.75 5.64	50.35 3.87 5.79	49.08 3.50 1.11	49.64 3.50 1.16	41.43 2.78 0.58	34.35 2.24 0.29	31.01 1.76 0.00
RAVENSWOOD_GT_11 24259	25.74 1.99 -0.86	21.54 1.53 -1.75	20.21 1.31 -2.07	19.31 1.30 -0.86	20.10 1.26 -2.41	22.29 1.63 0.00	31.94 2.26 0.00	33.53 3.09 2.46	31.03 2.87 2.07	32.00 2.42 -1.48	29.89 2.62 2.90	30.10 2.65 4.09	31.67 2.67 1.74	34.06 2.83 -2.03	34.54 2.60 -5.96	35.80 2.71 -4.81	36.55 3.12 2.86	43.81 3.75 5.64	50.35 3.87 5.79	49.08 3.50 1.11	49.64 3.50 1.16	41.43 2.78 0.58	34.35 2.24 0.29	31.01 1.76 0.00
RAVENSWOOD_GT_4 24252	25.74 1.99 -0.86	21.54 1.53 -1.75	20.21 1.31 -2.07	19.31 1.30 -0.86	20.10 1.26 -2.41	22.29 1.63 0.00	31.96 2.29 0.00	33.56 3.12 2.46	31.03 2.87 2.07	32.00 2.42 -1.48	29.89 2.62 2.90	30.10 2.65 4.09	31.67 2.67 1.74	34.06 2.83 -2.03	34.54 2.60 -5.96	35.80 2.71 -4.81	36.55 3.12 2.86	43.81 3.75 5.64	50.35 3.87 5.79	49.08 3.50 1.11	49.64 3.50 1.16	41.43 2.78 0.58	34.38 2.27 0.29	31.04 1.78 0.00
RAVENSWOOD_GT_5 24254	25.74 1.99 -0.86	21.54 1.53 -1.75	20.21 1.31 -2.07	19.31 1.30 -0.86	20.10 1.26 -2.41	22.29 1.63 0.00	31.96 2.29 0.00	33.56 3.12 2.46	31.03 2.87 2.07	32.00 2.42 -1.48	29.89 2.62 2.90	30.10 2.65 4.09	31.67 2.67 1.74	34.06 2.83 -2.03	34.54 2.60 -5.96	35.80 2.71 -4.81	36.55 3.12 2.86	43.81 3.75 5.64	50.35 3.87 5.79	49.08 3.50 1.11	49.64 3.50 1.16	41.43 2.78 0.58	34.38 2.27 0.29	31.04 1.78 0.00
RAVENSWOOD_GT_6 24253	25.74 1.99 -0.86	21.54 1.53 -1.75	20.21 1.31 -2.07	19.31 1.30 -0.86	20.10 1.26 -2.41	22.29 1.63 0.00	31.96 2.29 0.00	33.56 3.12 2.46	31.03 2.87 2.07	32.00 2.42 -1.48	29.89 2.62 2.90	30.10 2.65 4.09	31.67 2.67 1.74	34.06 2.83 -2.03	34.54 2.60 -5.96	35.80 2.71 -4.81	36.55 3.12 2.86	43.81 3.75 5.64	50.35 3.87 5.79	49.08 3.50 1.11	49.64 3.50 1.16	41.43 2.78 0.58	34.38 2.27 0.29	31.04 1.78 0.00
RAVENSWOOD_GT_7 24255	25.74 1.99 -0.86	21.54 1.53 -1.75	20.21 1.31 -2.07	19.31 1.30 -0.86	20.10 1.26 -2.41	22.29 1.63 0.00	31.96 2.29 0.00	33.56 3.12 2.46	31.03 2.87 2.07	32.00 2.42 -1.48	29.89 2.62 2.90	30.10 2.65 4.09	31.67 2.67 1.74	34.06 2.83 -2.03	34.54 2.60 -5.96	35.80 2.71 -4.81	36.55 3.12 2.86	43.81 3.75 5.64	50.35 3.87 5.79	49.08 3.50 1.11	49.64 3.50 1.16	41.43 2.78 0.58	34.38 2.27 0.29	31.04 1.78 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	25.74 1.99 -0.86	21.54 1.53 -1.75	20.21 1.31 -2.07	19.31 1.30 -0.86	20.10 1.26 -2.41	22.29 1.63 0.00	31.94 2.26 0.00	33.53 3.09 2.46	31.03 2.87 2.07	32.00 2.42 -1.48	29.89 2.62 2.90	30.10 2.65 4.09	31.67 2.67 1.74	34.06 2.83 -2.03	34.54 2.60 -5.96	35.80 2.71 -4.81	36.55 3.12 2.86	43.81 3.75 5.64	50.35 3.87 5.79	49.08 3.50 1.11	49.64 3.50 1.16	41.43 2.78 0.58	34.35 2.24 0.29	31.01 1.76 0.00
RAVENSWOOD_GT_9 24257	25.74 1.99 -0.86	21.54 1.53 -1.75	20.21 1.31 -2.07	19.31 1.30 -0.86	20.10 1.26 -2.41	22.29 1.63 0.00	31.94 2.26 0.00	33.53 3.09 2.46	31.03 2.87 2.07	32.00 2.42 -1.48	29.89 2.62 2.90	30.10 2.65 4.09	31.67 2.67 1.74	34.06 2.83 -2.03	34.54 2.60 -5.96	35.80 2.71 -4.81	36.55 3.12 2.86	43.81 3.75 5.64	50.35 3.87 5.79	49.08 3.50 1.11	49.64 3.50 1.16	41.43 2.78 0.58	34.35 2.24 0.29	31.01 1.76 0.00

RAVENSWOOD___1 23533	25.81 2.06 -0.86	21.58 1.57 -1.75	20.25 1.35 -2.07	19.33 1.32 -0.86	20.11 1.28 -2.41	22.29 1.63 0.00	31.93 2.25 0.00	33.56 3.13 2.46	31.06 2.90 2.07	32.03 2.44 -1.48	29.95 2.68 2.90	30.16 2.71 4.09	31.73 2.73 1.74	34.09 2.86 -2.03	34.57 2.62 -5.96	35.83 2.74 -4.81	36.58 3.16 2.86	43.90 3.84 5.64	50.40 3.92 5.79	49.12 3.55 1.11	49.64 3.50 1.16	41.35 2.70 0.58	34.35 2.23 0.29	31.01 1.75 0.00
RAVENSWOOD___2 23534	25.79 2.04 -0.86	21.56 1.55 -1.75	20.23 1.33 -2.07	19.33 1.32 -0.86	20.11 1.28 -2.41	22.29 1.63 0.00	31.91 2.23 0.00	33.53 3.09 2.46	31.04 2.87 2.07	32.03 2.44 -1.48	29.92 2.65 2.90	30.16 2.71 4.09	31.70 2.71 1.74	34.06 2.83 -2.03	34.57 2.62 -5.96	35.80 2.71 -4.81	36.58 3.16 2.86	43.85 3.79 5.64	50.35 3.87 5.79	49.08 3.50 1.11	49.64 3.50 1.16	41.35 2.70 0.58	34.32 2.20 0.29	30.98 1.73 0.00
RAVENSWOOD___3 23535	25.74 1.99 -0.86	21.52 1.51 -1.75	20.21 1.31 -2.07	19.31 1.30 -0.86	20.11 1.28 -2.41	22.29 1.63 0.00	31.93 2.25 0.00	33.53 3.09 2.46	31.04 2.87 2.07	32.00 2.42 -1.48	29.92 2.65 2.90	30.13 2.68 4.09	31.67 2.67 1.74	34.06 2.83 -2.03	34.54 2.60 -5.96	35.80 2.71 -4.81	36.55 3.12 2.86	43.81 3.75 5.64	50.35 3.87 5.79	49.08 3.50 1.11	49.64 3.50 1.16	41.39 2.74 0.58	34.35 2.23 0.29	31.01 1.75 0.00
RAVENSWOOD___4 23820	25.79 2.04 -0.86	21.56 1.55 -1.75	20.23 1.33 -2.07	19.33 1.32 -0.86	20.11 1.28 -2.41	22.29 1.63 0.00	31.91 2.23 0.00	33.53 3.09 2.46	31.04 2.87 2.07	32.03 2.44 -1.48	29.92 2.65 2.90	30.13 2.68 4.09	31.70 2.71 1.74	34.06 2.83 -2.03	34.54 2.60 -5.96	35.80 2.71 -4.81	36.55 3.12 2.86	43.85 3.79 5.64	50.35 3.87 5.79	49.08 3.50 1.11	49.59 3.45 1.16	41.31 2.67 0.58	34.32 2.20 0.29	30.98 1.73 0.00
RCPL_TRUST___DRP 24196	25.90 2.15 -0.86	21.56 1.55 -1.75	20.23 1.33 -2.07	19.33 1.32 -0.86	20.13 1.30 -2.41	22.31 1.65 0.00	31.99 2.32 0.00	33.59 3.16 2.46	31.09 2.93 2.07	30.51 2.50 0.09	29.77 2.68 3.07	30.15 2.71 4.10	30.90 2.74 2.57	32.00 2.89 0.08	31.21 2.68 -2.55	32.81 2.77 -1.76	36.03 3.23 3.48	43.94 3.88 5.65	50.45 3.97 5.79	49.17 3.60 1.11	49.74 3.59 1.16	41.51 2.86 0.58	34.42 2.30 0.29	31.07 1.81 0.00
RED___ROCHESTER 323720	22.41 -0.60 -0.12	17.93 -0.57 -0.24	16.56 -0.55 -0.28	16.77 -0.50 -0.12	16.29 -0.46 -0.33	20.17 -0.50 0.00	28.88 -0.80 0.00	19.65 -0.53 12.72	19.22 -0.30 10.72	14.23 -0.17 13.70	12.65 -0.15 17.36	10.25 -0.03 21.26	10.33 -0.12 20.28	10.81 -0.15 18.24	10.35 -0.05 15.58	11.57 -0.11 16.59	12.83 -0.22 23.24	15.90 -0.55 29.26	21.51 -0.84 29.92	38.54 -2.38 5.77	38.75 -2.56 6.00	34.15 -2.08 2.99	29.37 -1.52 1.51	28.11 -1.14 0.00
REGAN___SOLAR 323812	25.54 1.44 -1.20	21.80 1.10 -2.44	20.72 0.99 -2.89	19.40 1.05 -1.20	20.81 1.02 -3.37	22.15 1.49 0.00	31.82 2.14 0.00	34.37 2.96 1.48	31.07 2.08 1.25	27.83 1.32 1.60	29.46 1.33 2.02	30.39 1.32 2.48	29.64 1.26 2.36	28.45 1.37 2.12	25.52 1.35 1.81	27.93 1.58 1.93	35.47 1.89 2.71	45.22 2.93 3.41	52.97 4.18 3.48	50.27 4.25 0.67	50.95 4.35 0.70	42.32 3.45 0.35	34.92 2.69 0.18	31.45 2.19 0.00
RENSSELAER___COGEN 23796	24.46 0.48 -1.09	20.93 0.46 -2.21	19.89 0.44 -2.62	18.68 0.45 -1.08	19.90 0.43 -3.05	21.22 0.56 0.00	30.39 0.71 0.00	31.98 0.72 1.64	29.43 0.57 1.38	26.71 0.36 1.76	28.23 0.30 2.23	29.03 0.22 2.73	28.47 0.34 2.61	27.35 0.50 2.34	24.55 0.57 2.00	26.68 0.54 2.13	33.56 0.26 2.99	42.08 0.14 3.76	48.64 0.21 3.85	46.37 0.42 0.74	46.87 0.33 0.77	39.15 0.31 0.38	32.44 0.23 0.19	29.51 0.26 0.00
REPUBLIC_115KV_BARTNBRK 55605	25.43 1.42 -1.13	21.60 1.06 -2.28	20.50 0.96 -2.71	19.30 1.03 -1.12	20.56 0.99 -3.15	22.23 1.57 0.00	32.11 2.43 0.00	34.15 2.76 1.51	30.99 2.03 1.27	27.86 1.38 1.62	29.34 1.24 2.05	30.26 1.23 2.51	29.54 1.20 2.40	28.41 1.37 2.16	25.54 1.40 1.84	27.98 1.67 1.96	35.42 1.89 2.75	44.98 2.74 3.46	52.39 3.66 3.54	49.79 3.78 0.68	50.47 3.88 0.71	41.85 2.98 0.35	34.37 2.14 0.18	30.92 1.67 0.00
REVERE_CPPR_DRP 24186	23.43 0.48 -0.06	18.74 0.37 -0.12	17.29 0.32 -0.14	17.48 0.27 -0.06	16.88 0.30 -0.16	21.16 0.50 0.00	30.48 0.80 0.00	21.85 1.05 12.09	20.85 0.82 10.20	15.46 0.39 13.04	14.09 0.45 16.52	11.72 0.41 20.23	11.78 0.34 19.30	12.19 0.35 17.35	11.52 0.36 14.83	12.91 0.42 15.79	14.76 0.58 22.11	18.77 0.91 27.84	25.16 1.36 28.47	42.38 1.17 5.48	42.89 1.28 5.69	37.40 1.02 2.84	31.75 0.78 1.44	29.90 0.64 0.00
REYNLDPA_13_KV_LD 356490	22.48 -0.41 0.00	17.99 -0.27 0.00	16.61 -0.22 0.00	16.93 -0.22 0.00	16.18 -0.25 0.00	20.06 -0.60 0.00	28.76 -0.92 0.00	18.76 -1.18 12.95	27.47 -1.12 1.65	25.12 -0.87 2.11	26.55 -0.93 2.68	27.35 -0.91 3.28	26.66 -0.95 3.13	10.46 -1.02 17.72	9.15 -0.94 15.89	10.40 -0.99 16.89	31.73 -0.98 3.58	40.19 -1.01 4.51	46.77 -0.89 4.61	45.15 -0.65 0.89	46.00 -0.38 0.92	38.45 -0.31 0.46	31.98 -0.19 0.23	29.11 -0.15 0.00
REYNOLDS_115KV_TB3 80639	24.62 0.64 -1.09	21.03 0.55 -2.22	19.98 0.52 -2.63	18.77 0.53 -1.09	19.99 0.51 -3.06	21.32 0.66 0.00	30.54 0.86 0.00	32.25 0.99 1.63	29.69 0.82 1.37	26.92 0.56 1.75	28.46 0.51 2.21	29.30 0.47 2.71	28.70 0.55 2.59	27.57 0.70 2.33	24.77 0.78 1.99	26.89 0.74 2.12	33.79 0.47 2.96	42.38 0.41 3.73	49.08 0.63 3.82	46.75 0.79 0.73	47.25 0.71 0.76	39.43 0.59 0.38	32.67 0.45 0.19	29.69 0.44 0.00
RIVERBAY____ 323610	25.97 2.22 -0.86	21.72 1.72 -1.75	20.36 1.46 -2.07	19.45 1.44 -0.86	20.24 1.41 -2.41	22.48 1.82 0.00	32.05 2.37 0.00	33.66 3.22 2.46	31.13 2.96 2.07	31.30 2.47 -0.73	29.86 2.68 2.99	30.11 2.68 4.11	31.30 2.71 2.14	33.02 2.80 -1.02	32.89 2.57 -4.34	34.32 2.69 -3.36	36.21 3.08 3.16	43.84 3.79 5.66	50.35 3.87 5.79	49.12 3.55 1.11	49.64 3.50 1.16	41.35 2.71 0.58	34.32 2.20 0.29	30.98 1.73 0.00
RIVERSDE_115KV_TB3 55908	24.56 0.57 -1.10	20.99 0.51 -2.22	19.95 0.49 -2.63	18.74 0.50 -1.09	19.97 0.48 -3.07	21.28 0.62 0.00	30.51 0.83 0.00	32.16 0.89 1.62	29.57 0.70 1.36	26.84 0.48 1.74	28.37 0.42 2.21	29.21 0.38 2.70	28.62 0.46 2.58	27.49 0.61 2.32	24.68 0.68 1.98	26.81 0.65 2.11	33.73 0.40 2.96	42.30 0.32 3.72	48.93 0.47 3.81	46.61 0.65 0.73	47.11 0.57 0.76	39.31 0.47 0.38	32.57 0.36 0.19	29.60 0.35 0.00
ROARING___BROOK_WT_PWR 323790	22.52 -0.37 0.00	17.99 -0.27 0.00	16.59 -0.24 0.00	16.91 -0.24 0.00	16.19 -0.23 0.00	20.31 -0.35 0.00	28.70 -0.98 0.00	8.01 -1.12 23.77	28.00 -1.00 1.24	25.65 -0.87 1.59	27.18 -0.97 2.01	28.01 -1.07 2.46	27.26 -1.14 2.35	-4.23 -1.08 32.35	-4.17 -0.99 29.17	-3.78 -1.07 30.98	32.22 -1.38 2.69	40.76 -1.55 3.39	47.29 -1.52 3.46	44.86 -1.17 0.67	45.47 -1.14 0.69	37.90 -0.98 0.35	31.43 -0.81 0.18	28.58 -0.67 0.00

ROCHESRG_115KV_T4 355643	22.20 -0.80 -0.12	17.78 -0.71 -0.23	16.42 -0.69 -0.28	16.62 -0.65 -0.12	16.14 -0.61 -0.32	19.98 -0.68 0.00	28.58 -1.10 0.00	19.48 -0.92 12.49	19.07 -0.63 10.53	14.16 -0.48 13.46	12.62 -0.48 17.06	10.27 -0.38 20.89	10.32 -0.49 19.93	10.81 -0.47 17.92	10.31 -0.36 15.31	11.52 -0.45 16.30	12.80 -0.65 22.83	15.86 -1.10 28.75	21.36 -1.52 29.40	38.03 -2.99 5.67	38.14 -3.26 5.90	33.65 -2.63 2.94	29.04 -1.88 1.49	27.82 -1.43 0.00
ROCHESTER_9_IC 23652	22.32 -0.69 -0.12	17.86 -0.64 -0.24	16.49 -0.62 -0.28	16.70 -0.57 -0.12	16.22 -0.53 -0.33	20.08 -0.58 0.00	28.73 -0.95 0.00	19.49 -0.69 12.72	19.07 -0.45 10.72	14.09 -0.31 13.70	12.50 -0.30 17.36	10.09 -0.19 21.26	10.15 -0.31 20.28	10.67 -0.29 18.24	10.22 -0.18 15.58	11.40 -0.28 16.59	12.61 -0.44 23.24	15.62 -0.82 29.26	21.15 -1.20 29.92	38.26 -2.66 5.77	38.37 -2.93 6.00	33.84 -2.39 2.99	29.18 -1.72 1.51	27.96 -1.29 0.00
ROCKVIEW_13_KV_LD 356306	25.65 1.90 -0.86	21.45 1.44 -1.75	20.14 1.25 -2.07	19.24 1.23 -0.86	20.05 1.22 -2.41	22.21 1.55 0.00	31.88 2.20 0.00	33.40 2.96 2.45	30.88 2.72 2.07	27.64 2.28 2.74	29.26 2.47 3.37	29.92 2.49 4.12	29.29 2.52 3.97	28.23 2.69 3.65	25.24 2.47 3.21	27.47 2.57 3.38	34.73 2.98 4.53	43.60 3.56 5.66	50.14 3.66 5.79	48.94 3.36 1.11	49.50 3.36 1.16	41.31 2.67 0.58	34.29 2.17 0.29	30.95 1.70 0.00
ROME____115KV_TB2 80656	23.43 0.48 -0.06	18.74 0.37 -0.12	17.29 0.32 -0.14	17.48 0.27 -0.06	16.88 0.30 -0.16	21.16 0.50 0.00	30.48 0.80 0.00	21.85 1.05 12.09	20.85 0.82 10.20	15.46 0.39 13.04	14.09 0.45 16.52	11.72 0.41 20.23	11.78 0.34 19.30	12.19 0.35 17.35	11.52 0.36 14.83	12.91 0.42 15.79	14.76 0.58 22.11	18.77 0.91 27.84	25.16 1.36 28.47	42.38 1.17 5.48	42.89 1.28 5.69	37.40 1.02 2.84	31.75 0.78 1.44	29.90 0.64 0.00
ROSETON___1 23587	25.32 1.58 -0.85	21.17 1.19 -1.73	19.92 1.04 -2.05	19.05 1.05 -0.85	19.83 1.02 -2.38	21.94 1.28 0.00	31.46 1.78 0.00	32.81 2.40 2.48	30.35 2.21 2.10	27.25 1.83 2.68	28.75 1.99 3.40	29.37 1.99 4.16	28.80 2.03 3.97	27.79 2.16 3.57	24.96 2.03 3.05	27.09 2.06 3.24	34.07 2.32 4.54	42.77 2.79 5.72	49.24 2.82 5.85	48.18 2.61 1.13	48.73 2.60 1.17	40.71 2.08 0.58	33.80 1.68 0.30	30.60 1.35 0.00
ROSETON___2 23588	25.32 1.58 -0.85	21.17 1.19 -1.73	19.92 1.04 -2.05	19.05 1.05 -0.85	19.83 1.02 -2.38	21.94 1.28 0.00	31.46 1.78 0.00	32.81 2.40 2.48	30.35 2.21 2.10	27.25 1.83 2.68	28.75 1.99 3.40	29.37 1.99 4.16	28.80 2.03 3.97	27.79 2.16 3.57	24.96 2.03 3.05	27.09 2.06 3.24	34.07 2.32 4.54	42.77 2.79 5.72	49.24 2.82 5.85	48.18 2.61 1.13	48.73 2.60 1.17	40.71 2.08 0.58	33.80 1.68 0.30	30.60 1.35 0.00
ROTRRDAM_115KV_TB3 80664	24.71 0.69 -1.14	21.08 0.51 -2.30	20.03 0.47 -2.73	18.78 0.50 -1.13	20.08 0.48 -3.18	21.30 0.64 0.00	30.63 0.95 0.00	32.59 1.18 1.48	29.93 0.94 1.25	27.18 0.67 1.60	28.77 0.63 2.02	29.70 0.63 2.48	29.02 0.65 2.36	27.83 0.76 2.12	24.95 0.78 1.81	27.16 0.82 1.93	34.34 0.76 2.71	43.35 1.05 3.41	50.09 1.31 3.48	47.37 1.35 0.67	47.93 1.32 0.70	39.97 1.10 0.35	33.08 0.84 0.18	29.95 0.70 0.00
RUSSELL___1 23602	22.41 -0.60 -0.12	17.93 -0.57 -0.24	16.56 -0.56 -0.28	16.77 -0.50 -0.12	16.29 -0.46 -0.33	20.17 -0.50 0.00	28.88 -0.80 0.00	19.65 -0.53 12.72	19.22 -0.30 10.72	14.26 -0.14 13.70	12.65 -0.15 17.36	10.25 -0.03 21.26	10.33 -0.12 20.28	10.81 -0.15 18.24	10.35 -0.05 15.58	11.57 -0.11 16.59	12.83 -0.22 23.24	15.89 -0.55 29.26	21.46 -0.89 29.92	38.54 -2.38 5.77	38.66 -2.65 6.00	34.07 -2.16 2.99	29.37 -1.52 1.51	28.11 -1.14 0.00
RUSSELL___2 23532	22.41 -0.60 -0.12	17.93 -0.57 -0.24	16.56 -0.56 -0.28	16.77 -0.50 -0.12	16.29 -0.46 -0.33	20.17 -0.50 0.00	28.88 -0.80 0.00	19.65 -0.53 12.72	19.22 -0.30 10.72	14.26 -0.14 13.70	12.65 -0.15 17.36	10.25 -0.03 21.26	10.33 -0.12 20.28	10.81 -0.15 18.24	10.35 -0.05 15.58	11.57 -0.11 16.59	12.83 -0.22 23.24	15.89 -0.55 29.26	21.46 -0.89 29.92	38.54 -2.38 5.77	38.66 -2.65 6.00	34.07 -2.16 2.99	29.37 -1.52 1.51	28.11 -1.14 0.00
RUSSELL___3 23549	22.41 -0.60 -0.12	17.93 -0.57 -0.24	16.56 -0.56 -0.28	16.77 -0.50 -0.12	16.29 -0.46 -0.33	20.17 -0.50 0.00	28.88 -0.80 0.00	19.65 -0.53 12.72	19.22 -0.30 10.72	14.26 -0.14 13.70	12.65 -0.15 17.36	10.25 -0.03 21.26	10.33 -0.12 20.28	10.81 -0.15 18.24	10.35 -0.05 15.58	11.57 -0.11 16.59	12.83 -0.22 23.24	15.89 -0.55 29.26	21.46 -0.89 29.92	38.54 -2.38 5.77	38.66 -2.65 6.00	34.07 -2.16 2.99	29.37 -1.52 1.51	28.11 -1.14 0.00
RUSSELL___4 23556	22.41 -0.60 -0.12	17.93 -0.57 -0.24	16.56 -0.56 -0.28	16.77 -0.50 -0.12	16.29 -0.46 -0.33	20.17 -0.50 0.00	28.88 -0.80 0.00	19.65 -0.53 12.72	19.22 -0.30 10.72	14.26 -0.14 13.70	12.65 -0.15 17.36	10.25 -0.03 21.26	10.33 -0.12 20.28	10.81 -0.15 18.24	10.35 -0.05 15.58	11.57 -0.11 16.59	12.83 -0.22 23.24	15.89 -0.55 29.26	21.46 -0.89 29.92	38.54 -2.38 5.77	38.66 -2.65 6.00	34.07 -2.16 2.99	29.37 -1.52 1.51	28.11 -1.14 0.00
RUSSELL___STATION 23914	22.41 -0.60 -0.12	17.93 -0.57 -0.24	16.56 -0.56 -0.28	16.77 -0.50 -0.12	16.29 -0.46 -0.33	20.17 -0.50 0.00	28.88 -0.80 0.00	19.65 -0.53 12.72	19.22 -0.30 10.72	14.26 -0.14 13.70	12.65 -0.15 17.36	10.25 -0.03 21.26	10.33 -0.12 20.28	10.81 -0.15 18.24	10.35 -0.05 15.58	11.57 -0.11 16.59	12.83 -0.22 23.24	15.89 -0.55 29.26	21.46 -0.89 29.92	38.54 -2.38 5.77	38.66 -2.65 6.00	34.07 -2.16 2.99	29.37 -1.52 1.51	28.11 -1.14 0.00
S SALMON___HYD 24043	22.60 -0.37 -0.08	18.10 -0.33 -0.17	16.71 -0.32 -0.20	16.87 -0.36 -0.08	16.31 -0.35 -0.23	20.31 -0.35 0.00	29.20 -0.48 0.00	5.94 -0.53 26.43	7.98 -0.60 21.65	-0.22 -0.65 27.68	-5.60 -0.69 35.06	-12.16 -0.76 42.94	-10.96 -0.74 40.97	-9.32 -0.64 37.87	-7.00 -0.57 32.41	-6.85 -0.62 34.50	-11.48 -0.83 46.94	-14.36 -0.96 59.11	-9.06 -0.89 60.44	33.94 -1.12 11.63	34.13 -1.09 12.09	32.29 -0.90 6.02	28.64 -0.71 3.06	28.64 -0.62 0.00
S.PERRY__115KV_TB1 80734	22.83 -0.23 -0.17	18.33 -0.27 -0.34	16.95 -0.29 -0.40	17.10 -0.22 -0.17	16.69 -0.20 -0.47	20.74 0.08 0.00	29.74 0.06 0.00	19.66 0.72 13.95	19.12 0.57 11.69	13.57 0.42 14.95	11.52 0.30 18.94	8.56 0.22 23.20	8.70 0.09 22.13	9.36 0.06 19.90	9.08 0.10 17.00	10.26 0.08 18.10	11.08 0.15 25.35	14.10 0.32 31.92	20.32 0.68 32.64	39.70 -0.75 6.24	40.02 -0.80 6.48	35.36 -0.63 3.23	30.43 -0.32 1.65	28.84 -0.41 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	21.69 -1.35 -0.15	17.40 -1.17 -0.31	16.12 -1.08 -0.37	16.22 -1.08 -0.15	15.88 -0.97 -0.43	19.69 -0.97 0.00	27.93 -1.75 0.00	19.36 -0.72 12.81	19.10 -0.33 10.80	14.27 -0.03 13.80	12.86 0.15 17.45	10.50 0.32 21.36	10.45 0.09 20.38	10.90 0.03 18.33	10.39 0.10 15.69	11.60 0.00 16.67	12.79 -0.11 23.39	15.76 -0.50 29.44	20.98 -1.25 30.04	37.52 -3.78 5.39	37.39 -4.35 5.56	33.06 -3.37 2.78	28.67 -2.20 1.53	27.32 -1.93 0.00

SAWYER___23_KV_LOAD 55526	21.69 -1.35 -0.15	17.40 -1.17 -0.31	16.12 -1.08 -0.37	16.22 -1.08 -0.15	15.88 -0.97 -0.43	19.69 -0.97 0.00	27.93 -1.75 0.00	19.36 -0.72 12.81	19.10 -0.33 10.80	14.27 -0.03 13.80	12.86 0.15 17.45	10.50 0.32 21.36	10.45 0.09 20.38	10.90 0.03 18.33	10.39 0.10 15.69	11.60 0.00 16.67	12.79 -0.11 23.39	15.76 -0.50 29.44	20.98 -1.25 30.04	37.52 -3.78 5.39	37.39 -4.35 5.56	33.06 -3.37 2.78	28.67 -2.20 1.53	27.32 -1.93 0.00
SELKIRK___I 23801	24.43 0.48 -1.06	20.85 0.44 -2.15	19.78 0.40 -2.55	18.63 0.43 -1.05	19.80 0.41 -2.96	21.26 0.60 0.00	30.45 0.77 0.00	31.93 0.79 1.75	29.30 0.54 1.48	26.55 0.34 1.89	28.01 0.24 2.39	28.80 0.19 2.93	28.19 0.24 2.79	27.06 0.38 2.51	24.30 0.47 2.15	26.44 0.45 2.29	33.41 0.33 3.20	42.04 0.36 4.03	48.72 0.58 4.12	46.60 0.70 0.79	47.09 0.61 0.82	39.36 0.55 0.41	32.65 0.45 0.21	29.69 0.44 0.00
SELKIRK___II 23799	24.52 0.55 -1.08	20.93 0.47 -2.19	19.87 0.44 -2.60	18.69 0.46 -1.08	19.90 0.44 -3.03	21.24 0.58 0.00	30.45 0.77 0.00	32.08 0.85 1.67	29.53 0.70 1.41	26.81 0.51 1.80	28.33 0.45 2.28	29.16 0.41 2.79	28.57 0.49 2.66	27.42 0.61 2.39	24.59 0.65 2.05	26.72 0.62 2.18	33.67 0.44 3.05	42.27 0.41 3.84	48.87 0.52 3.93	46.54 0.61 0.76	47.09 0.57 0.79	39.30 0.47 0.39	32.60 0.39 0.20	29.63 0.38 0.00
SENECA OSWGO___HYD 24041	22.34 -0.64 -0.09	17.89 -0.55 -0.18	16.52 -0.52 -0.22	16.71 -0.53 -0.09	16.17 -0.51 -0.25	20.15 -0.52 0.00	28.91 -0.77 0.00	1.79 -0.89 30.22	3.94 -0.81 25.48	-5.07 -0.59 32.58	-11.78 -0.66 41.27	-19.70 -0.69 50.55	-18.13 -0.65 48.22	-14.75 -0.58 43.36	-11.54 -0.47 37.05	-11.71 -0.54 39.45	-19.80 -0.83 55.25	-24.97 -1.10 69.58	-20.18 -1.30 71.14	31.23 -1.77 13.69	31.28 -1.80 14.23	30.64 -1.49 7.09	27.55 -1.26 3.60	28.14 -1.11 0.00
SENECA___115KV_TB3 355854	21.77 -1.28 -0.16	17.49 -1.10 -0.32	16.19 -1.03 -0.39	16.30 -1.01 -0.16	15.97 -0.90 -0.45	19.92 -0.74 0.00	28.25 -1.42 0.00	19.81 -0.07 13.02	19.53 0.27 10.98	14.54 0.48 14.04	13.07 0.69 17.79	10.61 0.85 21.78	10.58 0.61 20.78	11.07 0.55 18.69	10.57 0.55 15.96	11.76 0.48 17.00	13.00 0.51 23.79	16.07 0.32 29.96	21.41 -0.26 30.60	38.35 -2.80 5.54	38.25 -3.31 5.74	33.81 -2.55 2.87	29.30 -1.56 1.56	27.64 -1.61 0.00
SENECA___ENERGY 23797	22.49 -0.53 -0.13	18.04 -0.47 -0.26	16.68 -0.45 -0.31	16.83 -0.45 -0.13	16.37 -0.41 -0.36	20.33 -0.33 0.00	29.20 -0.48 0.00	10.14 -0.26 22.48	11.07 -0.21 18.96	3.61 -0.25 24.24	-0.73 -0.18 30.71	-6.29 -0.22 37.61	-5.39 -0.25 35.88	-3.27 -0.20 32.26	-1.74 -0.15 27.57	-1.27 -0.20 29.35	-5.19 -0.36 41.11	-6.48 -0.41 51.77	-1.18 -0.52 52.93	35.20 -1.31 10.18	35.34 -1.37 10.58	32.80 -1.14 5.28	28.79 -0.94 2.68	28.38 -0.88 0.00
SHOEMAKER___GT 23640	25.00 1.33 -0.79	20.86 1.00 -1.59	19.59 0.87 -1.89	18.84 0.91 -0.78	19.49 0.87 -2.20	21.76 1.09 0.00	31.22 1.54 0.00	32.26 2.04 2.67	29.82 1.84 2.26	26.70 1.49 2.89	28.13 1.63 3.66	28.67 1.61 4.48	28.12 1.66 4.27	27.13 1.78 3.84	24.36 1.66 3.28	26.47 1.70 3.50	33.31 1.92 4.90	41.87 2.33 6.17	48.32 2.35 6.31	47.67 2.19 1.21	48.22 2.18 1.26	40.36 1.77 0.63	33.51 1.42 0.32	30.36 1.11 0.00
SHOEMAKR_138KV_BK 111 55601	25.02 1.35 -0.78	20.87 1.02 -1.58	19.58 0.88 -1.88	18.84 0.91 -0.78	19.48 0.87 -2.18	21.78 1.12 0.00	31.22 1.54 0.00	32.28 2.07 2.69	29.84 1.87 2.27	26.72 1.52 2.90	28.11 1.63 3.68	28.68 1.64 4.51	28.13 1.69 4.30	27.14 1.81 3.86	24.37 1.69 3.30	26.51 1.75 3.52	33.32 1.96 4.92	41.88 2.38 6.20	48.34 2.40 6.34	47.71 2.24 1.22	48.21 2.18 1.27	40.39 1.80 0.63	33.51 1.43 0.32	30.36 1.11 0.00
SHOREHAM_IC_1 23715	26.30 2.54 -0.87	21.97 1.95 -1.75	20.64 1.73 -2.08	19.71 1.70 -0.86	20.57 1.74 -2.41	22.84 2.17 -0.01	32.63 2.94 -0.01	33.87 3.42 2.45	31.19 3.02 2.07	28.15 2.53 2.48	29.74 2.92 3.35	30.32 2.90 4.12	30.00 3.10 3.84	29.19 3.27 3.28	26.40 3.04 2.62	34.90 2.89 -3.74	44.38 3.30 -4.79	46.83 3.97 2.84	59.58 4.60 -2.71	56.89 4.15 -6.05	58.37 4.02 -7.05	47.75 3.53 -5.00	43.42 2.62 -8.39	31.88 2.28 -0.35
SHOREHAM_IC_2 23716	26.30 2.54 -0.87	22.04 2.03 -1.75	20.64 1.73 -2.08	19.71 1.70 -0.86	20.57 1.74 -2.41	22.84 2.17 -0.01	32.63 2.94 -0.01	33.87 3.42 2.45	31.19 3.02 2.07	28.12 2.50 2.48	29.71 2.90 3.35	30.30 2.87 4.12	30.01 3.10 3.84	29.19 3.27 3.28	26.41 3.04 2.62	34.90 2.88 -3.74	44.38 3.30 -4.79	46.84 3.98 2.84	59.58 4.60 -2.71	56.89 4.16 -6.05	58.37 4.02 -7.05	47.75 3.53 -5.00	43.42 2.63 -8.39	31.88 2.28 -0.35
SISSONVILLE___ 23735	21.88 -1.03 -0.02	17.60 -0.69 -0.03	16.33 -0.54 -0.04	16.57 -0.60 -0.02	15.89 -0.57 -0.04	19.65 -1.01 0.00	28.20 -1.48 0.00	17.43 -1.94 13.52	24.27 -1.94 4.03	21.21 -1.74 5.15	21.77 -1.87 6.52	21.75 -1.80 7.99	21.24 -1.88 7.62	8.64 -1.84 18.72	7.70 -1.69 16.59	8.85 -1.78 17.64	25.63 -1.92 8.73	32.47 -2.24 10.99	38.99 -2.04 11.24	42.99 -1.54 2.16	43.92 -1.14 2.25	37.24 -0.86 1.12	31.35 -0.49 0.57	28.87 -0.38 0.00
SITHE_IND_GS1 24169	22.14 -0.82 -0.08	17.72 -0.69 -0.15	16.35 -0.66 -0.18	16.58 -0.65 -0.07	16.01 -0.62 -0.21	19.96 -0.70 0.00	28.64 -1.04 0.00	-9.16 -1.28 40.77	-5.33 -1.18 34.38	-16.98 -1.12 43.96	-26.74 -1.21 55.69	-37.93 -1.26 68.21	-35.55 -1.23 65.06	-30.45 -1.14 58.50	-24.97 -0.96 49.99	-26.02 -1.07 53.22	-39.75 -1.49 74.55	-50.13 -1.96 93.87	-46.02 -2.30 95.99	25.94 -2.29 18.47	25.79 -2.32 19.19	27.73 -1.92 9.57	26.00 -1.56 4.85	27.91 -1.35 0.00
SITHE_IND_GS2 24170	22.14 -0.82 -0.08	17.72 -0.69 -0.15	16.35 -0.66 -0.18	16.58 -0.65 -0.07	16.01 -0.62 -0.21	19.96 -0.70 0.00	28.64 -1.04 0.00	-9.16 -1.28 40.77	-5.33 -1.18 34.38	-16.98 -1.12 43.96	-26.74 -1.21 55.69	-37.93 -1.26 68.21	-35.55 -1.23 65.06	-30.45 -1.14 58.50	-24.97 -0.96 49.99	-26.02 -1.07 53.22	-39.75 -1.49 74.55	-50.13 -1.96 93.87	-46.02 -2.30 95.99	25.94 -2.29 18.47	25.79 -2.32 19.19	27.73 -1.92 9.57	26.00 -1.56 4.85	27.91 -1.35 0.00
SITHE_IND_GS3 24171	22.14 -0.82 -0.08	17.72 -0.69 -0.15	16.35 -0.66 -0.18	16.58 -0.65 -0.07	16.01 -0.62 -0.21	19.96 -0.70 0.00	28.64 -1.04 0.00	-9.16 -1.28 40.77	-5.33 -1.18 34.38	-16.98 -1.12 43.96	-26.74 -1.21 55.69	-37.93 -1.26 68.21	-35.55 -1.23 65.06	-30.45 -1.14 58.50	-24.97 -0.96 49.99	-26.02 -1.07 53.22	-39.75 -1.49 74.55	-50.13 -1.96 93.87	-46.02 -2.30 95.99	25.94 -2.29 18.47	25.79 -2.32 19.19	27.73 -1.92 9.57	26.00 -1.56 4.85	27.91 -1.35 0.00
SITHE_IND_GS4 24172	22.14 -0.82 -0.08	17.72 -0.69 -0.15	16.35 -0.66 -0.18	16.58 -0.65 -0.07	16.01 -0.62 -0.21	19.96 -0.70 0.00	28.64 -1.04 0.00	-9.16 -1.28 40.77	-5.33 -1.18 34.38	-16.98 -1.12 43.96	-26.74 -1.21 55.69	-37.93 -1.26 68.21	-35.55 -1.23 65.06	-30.45 -1.14 58.50	-24.97 -0.96 49.99	-26.02 -1.07 53.22	-39.75 -1.49 74.55	-50.13 -1.96 93.87	-46.02 -2.30 95.99	25.94 -2.29 18.47	25.79 -2.32 19.19	27.73 -1.92 9.57	26.00 -1.56 4.85	27.91 -1.35 0.00

SITHE___BATAVIA 24024	22.27 -0.75 -0.13	17.82 -0.71 -0.27	16.44 -0.71 -0.32	16.65 -0.63 -0.13	16.22 -0.58 -0.37	20.19 -0.47 0.00	28.88 -0.80 0.00	20.25 0.20 12.85	19.80 0.39 10.83	14.77 0.51 13.84	13.12 0.54 17.58	10.70 0.69 21.53	10.66 0.46 20.54	11.11 0.38 18.47	10.71 0.47 15.74	11.87 0.40 16.80	13.28 0.47 23.47	16.51 0.36 29.56	22.14 0.10 30.23	38.43 -2.43 5.88	38.58 -2.65 6.07	34.11 -2.08 3.03	29.61 -1.26 1.53	28.05 -1.20 0.00
SITHE___INDEPEND 23800	22.14 -0.82 -0.08	17.72 -0.69 -0.15	16.35 -0.66 -0.18	16.58 -0.65 -0.07	16.01 -0.62 -0.21	19.96 -0.70 0.00	28.64 -1.04 0.00	-9.16 -1.28 40.77	-5.33 -1.18 34.38	-16.98 -1.12 43.96	-26.74 -1.21 55.69	-37.93 -1.26 68.21	-35.55 -1.23 65.06	-30.45 -1.14 58.50	-24.97 -0.96 49.99	-26.02 -1.07 53.22	-39.75 -1.49 74.55	-50.14 -1.97 93.87	-46.02 -2.30 95.99	25.94 -2.29 18.47	25.74 -2.37 19.19	27.73 -1.92 9.57	26.00 -1.56 4.85	27.91 -1.35 0.00
SITHE___MASSENA 23902	22.41 -0.48 0.00	17.95 -0.31 0.00	16.59 -0.24 0.00	16.90 -0.26 0.00	16.14 -0.28 0.00	20.04 -0.62 0.00	28.73 -0.95 0.00	18.60 -1.25 13.05	26.97 -1.21 2.05	24.52 -0.96 2.63	25.81 -1.03 3.33	26.45 -1.01 4.07	25.78 -1.08 3.89	10.20 -1.11 17.89	8.93 -1.04 16.01	10.19 -1.07 17.01	30.75 -1.09 4.45	38.91 -1.19 5.61	45.54 -0.99 5.73	44.89 -0.70 1.10	45.73 -0.43 1.15	38.33 -0.32 0.57	31.93 -0.19 0.29	29.14 -0.12 0.00
SITHE___OGDNSBRG 24021	22.43 -0.46 0.00	17.99 -0.27 0.00	16.63 -0.20 0.00	16.91 -0.24 0.00	16.19 -0.23 0.00	20.10 -0.56 0.00	28.97 -0.71 0.00	18.45 -1.12 13.32	25.75 -1.30 3.19	22.85 -1.18 4.08	23.70 -1.30 5.16	23.92 -1.29 6.32	23.35 -1.35 6.03	9.43 -1.40 18.36	8.36 -1.27 16.35	9.60 -1.30 17.37	28.00 -1.38 6.91	35.63 -1.37 8.70	42.48 -0.89 8.90	44.60 -0.37 1.71	45.52 0.00 1.78	38.37 0.04 0.89	32.09 0.13 0.45	29.37 0.12 0.00
SITHE___STERLING 23777	23.32 0.37 -0.07	18.67 0.27 -0.13	17.23 0.24 -0.16	17.43 0.21 -0.07	16.84 0.23 -0.19	21.08 0.41 0.00	30.33 0.65 0.00	20.01 0.89 13.77	19.32 0.70 11.61	13.62 0.36 14.85	11.74 0.39 18.81	8.88 0.38 23.04	9.10 0.34 21.98	9.79 0.35 19.76	9.46 0.36 16.89	10.69 0.40 17.98	11.61 0.51 25.18	14.72 0.73 31.71	20.89 1.04 32.42	41.34 0.88 6.24	41.76 0.95 6.48	36.73 0.74 3.23	31.32 0.55 1.64	29.66 0.41 0.00
SLEIGHT__34_KV_TB1 80719	22.32 -0.69 -0.12	17.87 -0.62 -0.23	16.50 -0.61 -0.28	16.70 -0.57 -0.11	16.20 -0.54 -0.32	20.10 -0.56 0.00	28.88 -0.80 0.00	16.40 -0.66 15.84	16.37 -0.51 13.35	10.61 -0.42 17.07	8.05 -0.48 21.63	4.61 -0.44 26.49	5.01 -0.46 25.27	6.04 -0.44 22.72	6.23 -0.34 19.41	7.21 -0.40 20.67	6.72 -0.62 28.95	8.34 -0.91 36.45	13.79 -1.20 37.28	37.31 -2.19 7.18	37.47 -2.37 7.46	33.58 -1.92 3.72	29.03 -1.49 1.88	28.05 -1.20 0.00
SMITHTWN_69_KV_BK 1 55830	26.35 2.59 -0.87	22.04 2.03 -1.75	20.68 1.77 -2.08	19.72 1.72 -0.86	20.57 1.74 -2.41	22.88 2.21 -0.01	32.75 3.06 -0.01	34.23 3.78 2.45	31.62 3.45 2.07	28.58 2.95 2.48	30.01 3.20 3.35	30.55 3.12 4.12	30.25 3.35 3.84	29.37 3.45 3.27	26.57 3.20 2.61	35.32 3.25 -3.79	44.92 3.77 -4.86	47.36 4.48 2.82	63.46 4.97 -6.23	57.31 4.48 -6.14	58.78 4.35 -7.12	47.98 3.69 -5.08	43.84 2.98 -8.45	32.12 2.52 -0.35
SOUTH CAIRO___GT 23612	24.82 0.92 -1.01	21.10 0.79 -2.05	19.93 0.67 -2.43	18.88 0.72 -1.00	19.99 0.74 -2.83	22.05 1.38 0.00	31.67 1.99 0.00	33.11 2.14 1.92	30.22 1.60 1.62	27.01 0.98 2.07	28.26 0.72 2.63	29.02 0.69 3.22	28.44 0.77 3.07	27.31 0.88 2.76	24.56 0.94 2.36	26.81 1.05 2.51	33.68 0.91 3.51	42.60 1.33 4.43	49.47 1.72 4.53	47.78 1.96 0.87	48.29 1.89 0.90	40.42 1.65 0.45	33.41 1.23 0.23	30.30 1.05 0.00
SOUTH HAMPTN___IC 23720	26.46 2.70 -0.87	22.08 2.06 -1.75	20.74 1.83 -2.08	19.79 1.78 -0.86	20.66 1.82 -2.41	22.96 2.29 -0.01	32.87 3.18 -0.01	34.16 3.72 2.45	31.47 3.30 2.07	28.38 2.76 2.48	29.86 3.04 3.35	30.48 3.06 4.12	30.16 3.26 3.84	29.36 3.44 3.28	26.56 3.19 2.62	35.11 3.11 -3.72	44.72 3.66 -4.77	47.34 4.48 2.85	59.84 5.13 -2.44	57.30 4.58 -6.03	58.84 4.50 -7.04	48.05 3.85 -4.98	43.64 2.85 -8.37	32.11 2.52 -0.35
SOUTHDOW_115KV_TB1 355954	22.24 -0.82 -0.17	17.92 -0.69 -0.35	16.62 -0.62 -0.42	16.71 -0.62 -0.17	16.40 -0.51 -0.49	20.66 0.00 0.00	29.32 -0.36 0.00	21.16 1.61 13.35	20.70 1.75 11.29	15.39 1.71 14.42	13.94 2.05 18.27	11.40 2.24 22.38	11.30 1.91 21.35	11.81 1.81 19.20	11.22 1.64 16.40	12.45 1.64 17.46	13.94 2.10 24.45	17.29 2.38 30.79	23.07 2.25 31.45	40.62 -0.33 5.74	40.54 -0.80 5.96	35.78 -0.47 2.97	30.78 -0.03 1.60	28.55 -0.70 0.00
SOUTHOLD_69_KV_BK 2 55809	26.44 2.68 -0.87	22.12 2.10 -1.75	20.71 1.80 -2.08	19.74 1.73 -0.86	20.61 1.77 -2.41	22.92 2.25 -0.01	32.83 3.15 -0.01	34.13 3.68 2.45	31.44 3.27 2.07	28.35 2.73 2.48	29.68 2.87 3.35	30.33 2.90 4.12	30.04 3.14 3.84	29.27 3.36 3.28	26.48 3.12 2.62	35.08 3.08 -3.73	44.73 3.66 -4.77	47.43 4.57 2.85	59.89 5.17 -2.44	57.25 4.53 -6.03	58.83 4.49 -7.04	48.01 3.80 -4.98	43.54 2.75 -8.37	32.11 2.52 -0.35
SOUTHOLD___IC 23719	26.44 2.68 -0.87	22.04 2.03 -1.75	20.71 1.80 -2.08	19.74 1.73 -0.86	20.61 1.77 -2.41	22.92 2.25 -0.01	32.83 3.14 -0.01	34.13 3.68 2.45	31.44 3.27 2.07	28.35 2.73 2.48	29.71 2.90 3.35	30.32 2.90 4.12	30.04 3.14 3.84	29.27 3.36 3.28	26.48 3.12 2.62	35.05 3.05 -3.73	44.72 3.66 -4.77	47.38 4.53 2.85	59.89 5.18 -2.44	57.25 4.53 -6.03	58.84 4.50 -7.04	48.01 3.80 -4.98	43.54 2.75 -8.37	32.11 2.52 -0.35
SOUTH_FORK_WT_PWR 323839	26.25 2.50 -0.87	21.88 1.86 -1.75	20.57 1.67 -2.08	19.59 1.58 -0.86	20.46 1.63 -2.41	22.74 2.07 -0.01	32.57 2.88 -0.01	33.80 3.36 2.45	31.14 2.96 2.07	28.09 2.47 2.48	29.35 2.53 3.35	30.01 2.59 4.12	29.73 2.83 3.84	28.98 3.06 3.28	26.20 2.83 2.62	34.77 2.77 -3.73	44.36 3.30 -4.77	46.92 4.07 2.85	59.32 4.60 -2.44	56.74 4.02 -6.03	58.31 3.97 -7.04	47.58 3.37 -4.98	43.15 2.36 -8.37	31.88 2.28 -0.35
SPIERFLS_115KV_TB 1 80737	24.91 0.89 -1.13	21.22 0.68 -2.29	20.15 0.61 -2.71	18.93 0.65 -1.12	20.20 0.62 -3.16	21.61 0.95 0.00	31.13 1.45 0.00	33.13 1.74 1.50	30.27 1.30 1.27	27.33 0.84 1.62	28.86 0.75 2.05	29.79 0.76 2.51	29.11 0.77 2.40	27.98 0.93 2.15	25.13 0.99 1.84	27.39 1.07 1.96	34.63 1.09 2.74	43.76 1.51 3.46	50.78 2.04 3.53	48.16 2.15 0.68	48.72 2.13 0.71	40.55 1.69 0.35	33.46 1.23 0.18	30.22 0.97 0.00
ST LAWRENCE____ 23600	22.34 -0.55 0.00	17.88 -0.38 0.00	16.49 -0.34 0.00	16.79 -0.36 0.00	16.06 -0.36 0.00	19.94 -0.72 0.00	28.61 -1.07 0.00	18.59 -1.38 12.92	27.44 -1.27 1.52	25.15 -1.01 1.95	26.60 -1.08 2.47	27.44 -1.07 3.03	26.74 -1.11 2.89	10.33 -1.20 17.67	9.03 -1.09 15.86	10.30 -1.13 16.85	31.82 -1.16 3.30	40.27 -1.28 4.16	46.82 -1.20 4.25	44.94 -0.93 0.82	45.69 -0.76 0.85	38.17 -0.63 0.42	31.74 -0.45 0.22	28.90 -0.35 0.00

STATE_CA_115KV_115_LB 55624	24.54 0.55 -1.10	21.01 0.51 -2.23	19.95 0.47 -2.65	18.75 0.50 -1.10	19.98 0.48 -3.08	21.30 0.64 0.00	30.54 0.86 0.00	32.18 0.89 1.60	29.59 0.70 1.35	26.86 0.48 1.72	28.40 0.42 2.18	29.25 0.38 2.67	28.65 0.46 2.55	27.52 0.61 2.29	24.70 0.68 1.96	26.84 0.65 2.08	33.80 0.44 2.92	42.39 0.37 3.68	49.04 0.52 3.76	46.62 0.65 0.72	47.16 0.61 0.75	39.35 0.51 0.37	32.58 0.36 0.19	29.60 0.35 0.00
STATE_ST_34_KV_LOAD 55959	22.70 -0.32 -0.13	18.21 -0.31 -0.26	16.83 -0.30 -0.30	16.99 -0.29 -0.13	16.51 -0.26 -0.35	20.48 -0.19 0.00	29.41 -0.27 0.00	8.72 -0.16 24.01	9.81 -0.18 20.25	1.99 -0.22 25.88	-2.90 -0.27 32.79	-8.94 -0.32 40.16	-7.88 -0.31 38.31	-5.52 -0.26 34.45	-3.64 -0.18 29.44	-3.23 -0.17 31.34	-7.94 -0.33 43.90	-9.94 -0.37 55.28	-4.67 -0.42 56.52	34.98 -0.84 10.87	35.15 -0.85 11.30	32.84 -0.75 5.63	28.90 -0.65 2.86	28.64 -0.61 0.00
STATION_5_MISC_HYD 23604	22.32 -0.69 -0.12	17.86 -0.64 -0.24	16.49 -0.62 -0.28	16.70 -0.57 -0.12	16.22 -0.53 -0.33	20.08 -0.58 0.00	28.73 -0.95 0.00	19.48 -0.69 12.72	19.07 -0.45 10.72	14.09 -0.31 13.70	12.50 -0.30 17.36	10.09 -0.19 21.26	10.15 -0.31 20.28	10.67 -0.29 18.24	10.22 -0.18 15.58	11.43 -0.25 16.59	12.62 -0.43 23.24	15.62 -0.82 29.26	21.15 -1.20 29.92	38.26 -2.66 5.77	38.42 -2.89 6.00	33.92 -2.31 2.99	29.21 -1.69 1.51	27.97 -1.29 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	22.41 -0.60 -0.12	17.95 -0.55 -0.24	16.58 -0.54 -0.29	16.77 -0.50 -0.12	16.30 -0.46 -0.33	20.23 -0.43 0.00	29.03 -0.65 0.00	16.91 -0.43 15.55	16.85 -0.27 13.11	11.12 -0.22 16.76	8.65 -0.27 21.24	5.31 -0.22 26.01	5.65 -0.28 24.81	6.62 -0.26 22.31	6.74 -0.18 19.06	7.75 -0.23 20.29	7.50 -0.36 28.43	9.27 -0.64 35.80	14.83 -0.84 36.60	37.72 -1.91 7.05	37.89 -2.08 7.33	33.88 -1.69 3.65	29.29 -1.26 1.85	28.20 -1.05 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	22.20 -0.80 -0.12	17.77 -0.73 -0.23	16.42 -0.69 -0.28	16.62 -0.65 -0.12	16.14 -0.61 -0.32	19.98 -0.68 0.00	28.61 -1.07 0.00	19.09 -0.86 12.95	18.69 -0.63 10.91	13.67 -0.48 13.95	12.00 -0.48 17.68	9.51 -0.38 21.65	9.62 -0.46 20.65	10.16 -0.47 18.57	9.78 -0.34 15.87	10.96 -0.42 16.90	11.97 -0.65 23.66	14.85 -1.05 29.80	20.33 -1.46 30.47	38.01 -2.80 5.88	38.17 -3.03 6.11	33.71 -2.47 3.04	29.05 -1.81 1.54	27.85 -1.40 0.00
STA_56___34_KV_BUS2 355983	22.20 -0.80 -0.12	17.77 -0.73 -0.23	16.42 -0.69 -0.28	16.62 -0.65 -0.12	16.14 -0.61 -0.32	19.98 -0.68 0.00	28.61 -1.07 0.00	19.09 -0.86 12.95	18.69 -0.63 10.91	13.67 -0.48 13.95	12.00 -0.48 17.68	9.51 -0.38 21.65	9.62 -0.46 20.65	10.16 -0.47 18.57	9.78 -0.34 15.87	10.96 -0.42 16.90	11.97 -0.65 23.66	14.85 -1.05 29.80	20.33 -1.46 30.47	38.01 -2.80 5.88	38.17 -3.03 6.11	33.71 -2.47 3.04	29.05 -1.81 1.54	27.85 -1.40 0.00
STA_67___115KV_BK2 355882	22.27 -0.73 -0.12	17.82 -0.68 -0.24	16.45 -0.66 -0.28	16.67 -0.60 -0.12	16.19 -0.56 -0.33	20.04 -0.62 0.00	28.67 -1.01 0.00	19.42 -0.79 12.68	19.00 -0.54 10.69	14.07 -0.37 13.67	12.48 -0.36 17.32	10.05 -0.28 21.21	10.14 -0.37 20.23	10.63 -0.38 18.19	10.18 -0.26 15.54	11.39 -0.34 16.55	12.56 -0.54 23.18	15.60 -0.91 29.19	21.06 -1.36 29.85	38.13 -2.80 5.76	38.24 -3.07 5.98	33.77 -2.47 2.98	29.12 -1.78 1.51	27.91 -1.35 0.00
STA_7___115KV_9TRANS 80674	22.41 -0.60 -0.12	17.93 -0.57 -0.24	16.56 -0.56 -0.28	16.77 -0.50 -0.12	16.29 -0.46 -0.33	20.17 -0.50 0.00	28.88 -0.80 0.00	19.65 -0.53 12.72	19.22 -0.30 10.72	14.26 -0.14 13.70	12.65 -0.15 17.36	10.25 -0.03 21.26	10.33 -0.12 20.28	10.81 -0.15 18.24	10.35 -0.05 15.58	11.57 -0.11 16.59	12.83 -0.22 23.24	15.89 -0.55 29.26	21.46 -0.89 29.92	38.54 -2.38 5.77	38.66 -2.65 6.00	34.07 -2.16 2.99	29.37 -1.52 1.51	28.11 -1.14 0.00
STA_82___115KV_TB1 80780	22.27 -0.73 -0.12	17.82 -0.68 -0.24	16.47 -0.64 -0.28	16.67 -0.60 -0.12	16.19 -0.56 -0.33	20.04 -0.62 0.00	28.67 -1.01 0.00	19.24 -0.79 12.86	18.85 -0.54 10.84	13.88 -0.37 13.86	12.23 -0.36 17.56	9.75 -0.28 21.51	9.85 -0.37 20.52	10.37 -0.38 18.45	9.96 -0.26 15.76	11.15 -0.34 16.78	12.24 -0.54 23.50	15.20 -0.91 29.59	20.70 -1.31 30.27	38.05 -2.80 5.84	38.16 -3.07 6.06	33.73 -2.47 3.02	29.10 -1.78 1.53	27.91 -1.35 0.00
STEEL___WIND 323596	21.77 -1.28 -0.16	17.47 -1.11 -0.32	16.19 -1.03 -0.39	16.28 -1.03 -0.16	15.95 -0.92 -0.45	19.90 -0.76 0.00	28.23 -1.45 0.00	19.77 -0.10 13.02	19.50 0.24 10.98	14.49 0.42 14.04	13.03 0.66 17.79	10.58 0.82 21.78	10.51 0.55 20.78	11.01 0.50 18.69	10.51 0.49 15.96	11.73 0.45 17.00	12.97 0.47 23.79	16.02 0.28 29.95	21.41 -0.26 30.60	38.30 -2.85 5.54	38.35 -3.22 5.74	33.88 -2.47 2.87	29.30 -1.56 1.56	27.61 -1.64 0.00
STEPHTWN_115KV_BK_2 55603	24.64 0.66 -1.09	21.06 0.58 -2.21	20.01 0.56 -2.62	18.82 0.58 -1.08	20.02 0.54 -3.05	21.43 0.76 0.00	30.72 1.04 0.00	32.34 1.09 1.64	29.71 0.85 1.38	26.96 0.62 1.76	28.47 0.54 2.23	29.31 0.50 2.73	28.72 0.58 2.61	27.61 0.76 2.34	24.76 0.78 2.00	26.93 0.79 2.13	33.92 0.62 2.99	42.58 0.64 3.76	49.26 0.84 3.85	46.93 0.98 0.74	47.43 0.90 0.77	39.58 0.75 0.38	32.77 0.55 0.19	29.75 0.50 0.00
STEBEN_REC_LFGE 323667	22.28 -0.82 -0.21	18.00 -0.69 -0.43	16.70 -0.64 -0.51	16.73 -0.63 -0.21	16.48 -0.54 -0.60	20.46 -0.21 0.00	29.20 -0.47 0.00	18.10 0.69 15.48	18.28 1.30 13.25	12.26 1.10 16.94	9.81 1.12 21.46	6.29 1.04 26.29	6.55 0.89 25.08	7.44 0.79 22.55	7.42 0.70 19.27	8.41 0.65 20.51	8.39 0.83 28.73	10.71 1.19 36.18	16.80 1.52 36.98	39.79 0.09 7.00	40.03 0.00 7.27	35.75 0.16 3.62	30.73 0.19 1.87	28.75 -0.50 0.00
STILLWATER___SOLAR 323814	24.97 0.96 -1.12	21.29 0.75 -2.28	20.20 0.67 -2.70	18.99 0.72 -1.12	20.24 0.67 -3.14	21.63 0.97 0.00	31.10 1.42 0.00	33.05 1.68 1.52	30.26 1.30 1.27	27.37 0.90 1.63	28.91 0.81 2.06	29.80 0.79 2.53	29.19 0.86 2.41	28.05 1.02 2.17	25.17 1.04 1.85	27.43 1.13 1.97	34.61 1.09 2.76	43.64 1.42 3.48	50.59 1.88 3.56	47.97 1.96 0.68	48.53 1.94 0.71	40.44 1.57 0.35	33.43 1.20 0.18	30.22 0.96 0.00
STONY___BROOK 24151	26.37 2.61 -0.87	22.02 2.01 -1.75	20.69 1.78 -2.08	19.74 1.73 -0.86	20.59 1.76 -2.41	22.90 2.23 -0.01	32.78 3.09 -0.01	34.26 3.81 2.45	31.62 3.45 2.07	28.57 2.95 2.48	30.04 3.23 3.35	30.58 3.15 4.12	30.25 3.35 3.84	29.39 3.47 3.28	26.59 3.22 2.61	35.29 3.25 -3.77	44.89 3.77 -4.83	47.40 4.53 2.83	61.42 4.97 -4.18	57.27 4.48 -6.10	58.84 4.44 -7.09	47.94 3.69 -5.04	43.85 3.01 -8.43	32.12 2.52 -0.35
STURGEON_POOL_HYD 23609	25.50 1.74 -0.87	21.34 1.31 -1.76	20.03 1.11 -2.09	19.15 1.13 -0.86	19.96 1.10 -2.44	22.17 1.51 0.00	31.85 2.17 0.00	33.37 2.89 2.42	30.85 2.66 2.04	27.65 2.16 2.61	29.17 2.32 3.31	29.82 2.33 4.05	29.27 2.40 3.87	28.26 2.54 3.48	25.37 2.36 2.97	27.57 2.46 3.16	34.76 2.90 4.43	43.69 3.56 5.58	50.17 3.61 5.71	48.91 3.32 1.10	49.42 3.26 1.14	41.36 2.71 0.57	34.29 2.17 0.29	30.95 1.70 0.00

ST_LAW_115_BK7_LBMP 345037	22.29 -0.60 0.00	17.84 -0.42 0.00	16.48 -0.35 0.00	16.78 -0.38 0.00	16.05 -0.38 0.00	19.90 -0.76 0.00	28.55 -1.13 0.00	18.46 -1.48 12.95	27.22 -1.36 1.65	24.89 -1.10 2.11	26.34 -1.15 2.68	27.13 -1.13 3.28	26.41 -1.20 3.13	10.22 -1.25 17.72	8.92 -1.17 15.89	10.17 -1.21 16.89	31.47 -1.23 3.58	39.82 -1.37 4.51	46.36 -1.30 4.61	44.82 -0.98 0.89	45.57 -0.80 0.92	38.13 -0.63 0.46	31.69 -0.49 0.23	28.87 -0.38 0.00
ST_LAW_115_BK8_LBMP 345038	22.29 -0.60 0.00	17.84 -0.42 0.00	16.48 -0.35 0.00	16.78 -0.38 0.00	16.05 -0.38 0.00	19.90 -0.76 0.00	28.55 -1.13 0.00	18.46 -1.48 12.95	27.22 -1.36 1.65	24.89 -1.10 2.11	26.34 -1.15 2.68	27.13 -1.13 3.28	26.41 -1.20 3.13	10.22 -1.25 17.72	8.92 -1.17 15.89	10.17 -1.21 16.89	31.47 -1.23 3.58	39.82 -1.37 4.51	46.36 -1.30 4.61	44.82 -0.98 0.89	45.57 -0.80 0.92	38.13 -0.63 0.46	31.69 -0.49 0.23	28.87 -0.38 0.00
ST_LAW_230_BK5_LBMP 345035	22.34 -0.55 0.00	17.88 -0.38 0.00	16.49 -0.34 0.00	16.79 -0.36 0.00	16.06 -0.36 0.00	19.94 -0.72 0.00	28.61 -1.07 0.00	18.62 -1.38 12.89	27.56 -1.27 1.41	25.29 -1.01 1.80	26.79 -1.08 2.28	27.67 -1.07 2.80	26.97 -1.11 2.67	10.38 -1.20 17.62	9.07 -1.09 15.82	10.33 -1.13 16.81	32.07 -1.16 3.06	40.57 -1.28 3.85	47.13 -1.20 3.94	45.00 -0.93 0.76	45.76 -0.76 0.79	38.20 -0.63 0.39	31.76 -0.45 0.20	28.90 -0.35 0.00
ST_LAW_230_BK6_LBMP 345036	22.34 -0.55 0.00	17.88 -0.38 0.00	16.49 -0.34 0.00	16.79 -0.36 0.00	16.06 -0.36 0.00	19.94 -0.72 0.00	28.61 -1.07 0.00	18.62 -1.38 12.89	27.56 -1.27 1.41	25.29 -1.01 1.80	26.79 -1.08 2.28	27.67 -1.07 2.80	26.97 -1.11 2.67	10.38 -1.20 17.62	9.07 -1.09 15.82	10.33 -1.13 16.81	32.07 -1.16 3.06	40.57 -1.28 3.85	47.13 -1.20 3.94	45.00 -0.93 0.76	45.76 -0.76 0.79	38.20 -0.63 0.39	31.76 -0.45 0.20	28.90 -0.35 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	25.20 1.51 -0.80	21.04 1.15 -1.63	19.75 0.99 -1.93	18.96 1.01 -0.80	19.64 0.97 -2.25	21.90 1.24 0.00	31.43 1.75 0.00	32.64 2.37 2.62	30.20 2.18 2.22	27.04 1.77 2.83	28.47 1.90 3.59	29.07 1.92 4.40	28.51 1.97 4.19	27.53 2.10 3.77	24.73 1.97 3.22	26.88 2.04 3.43	33.80 2.32 4.81	42.44 2.79 6.05	48.91 2.82 6.19	48.11 2.61 1.19	48.62 2.55 1.24	40.68 2.08 0.62	33.75 1.65 0.31	30.54 1.29 0.00
SWANROAD_115KV_TB1 355699	21.30 -1.74 -0.15	17.08 -1.48 -0.30	15.82 -1.36 -0.35	15.93 -1.37 -0.15	15.59 -1.25 -0.41	19.28 -1.38 0.00	27.31 -2.37 0.00	18.97 -1.18 12.74	18.80 -0.70 10.74	14.07 -0.31 13.73	12.51 -0.15 17.50	10.14 0.03 21.43	10.08 -0.22 20.45	10.55 -0.26 18.38	10.19 -0.18 15.61	11.27 -0.28 16.73	12.54 -0.47 23.27	15.35 -1.05 29.31	20.35 -1.93 29.98	35.83 -4.95 5.91	35.69 -5.53 6.08	31.83 -4.35 3.04	28.13 -2.75 1.53	26.71 -2.54 0.00
SYNERGY___BIOGAS 323694	22.27 -0.76 -0.13	17.82 -0.71 -0.27	16.44 -0.71 -0.32	16.65 -0.63 -0.13	16.22 -0.57 -0.37	20.19 -0.48 0.00	28.88 -0.80 0.00	20.24 0.20 12.85	19.80 0.39 10.83	14.77 0.51 13.84	13.12 0.54 17.58	10.70 0.69 21.53	10.66 0.46 20.54	11.14 0.41 18.47	10.71 0.47 15.74	11.87 0.40 16.80	13.29 0.47 23.47	16.51 0.37 29.56	22.14 0.10 30.23	38.43 -2.38 5.88	38.48 -2.74 6.07	34.03 -2.16 3.03	29.58 -1.30 1.53	28.05 -1.20 0.00
SYRACUSE___ENERGY_ST1 323597	22.65 -0.34 -0.11	18.17 -0.31 -0.22	16.78 -0.30 -0.26	16.97 -0.29 -0.11	16.44 -0.28 -0.30	20.43 -0.23 0.00	29.35 -0.33 0.00	5.49 -0.36 27.04	7.10 -0.33 22.80	-1.38 -0.34 29.15	-7.16 -0.39 36.93	-14.13 -0.44 45.23	-12.80 -0.40 43.14	-9.92 -0.32 38.79	-7.43 -0.26 33.15	-7.30 -0.28 35.29	-13.65 -0.51 49.43	-17.23 -0.69 62.25	-12.21 -0.84 63.65	33.42 -1.03 12.24	33.49 -1.09 12.73	31.97 -0.90 6.34	28.41 -0.78 3.22	28.58 -0.67 0.00
SYRACUSE___ENERGY_ST2 323598	22.65 -0.34 -0.11	18.17 -0.31 -0.22	16.78 -0.30 -0.26	16.97 -0.29 -0.11	16.44 -0.28 -0.30	20.43 -0.23 0.00	29.35 -0.33 0.00	5.49 -0.36 27.04	7.10 -0.33 22.80	-1.38 -0.34 29.15	-7.16 -0.39 36.93	-14.13 -0.44 45.23	-12.80 -0.40 43.14	-9.92 -0.32 38.79	-7.43 -0.26 33.15	-7.30 -0.28 35.29	-13.65 -0.51 49.43	-17.23 -0.69 62.25	-12.21 -0.84 63.65	33.42 -1.03 12.24	33.49 -1.09 12.73	31.97 -0.90 6.34	28.41 -0.78 3.22	28.58 -0.67 0.00
SYRACUSE___POWER 24017	22.76 -0.25 -0.12	18.27 -0.24 -0.25	16.89 -0.24 -0.29	17.03 -0.24 -0.12	16.55 -0.21 -0.34	20.54 -0.12 0.00	29.47 -0.21 0.00	7.30 -0.07 25.53	8.65 -0.06 21.53	0.44 -0.14 27.52	-4.86 -0.15 34.87	-11.35 -0.19 42.70	-10.18 -0.18 40.74	-7.55 -0.12 36.63	-5.37 -0.05 31.30	-5.13 -0.08 33.32	-10.64 -0.25 46.67	-13.44 -0.37 58.78	-8.30 -0.47 60.10	34.43 -0.70 11.56	34.53 -0.76 12.02	32.60 -0.63 5.99	28.82 -0.55 3.04	28.70 -0.56 0.00
TALLMAN__138KV_BK151 55660	25.43 1.72 -0.83	21.25 1.31 -1.68	19.94 1.13 -1.99	19.11 1.13 -0.82	19.84 1.10 -2.31	22.07 1.41 0.00	31.70 2.02 0.00	33.04 2.70 2.55	30.59 2.51 2.16	27.42 2.08 2.76	28.90 2.23 3.49	29.50 2.24 4.28	28.96 2.31 4.08	27.98 2.45 3.67	25.13 2.29 3.14	27.31 2.38 3.34	34.33 2.72 4.68	43.06 3.24 5.89	49.59 3.35 6.02	48.61 3.08 1.16	49.12 3.03 1.20	41.05 2.43 0.60	34.08 1.98 0.30	30.77 1.52 0.00
TEALLAVE_115KV_TB7 355573	22.70 -0.30 -0.11	18.18 -0.29 -0.21	16.82 -0.27 -0.25	16.98 -0.27 -0.11	16.47 -0.25 -0.30	20.48 -0.19 0.00	29.41 -0.27 0.00	7.47 -0.16 25.26	8.78 -0.15 21.30	0.67 -0.20 27.23	-4.55 -0.21 34.50	-10.97 -0.25 42.26	-9.78 -0.22 40.31	-7.19 -0.15 36.25	-5.07 -0.08 30.97	-4.81 -0.11 32.97	-10.19 -0.29 46.19	-12.96 -0.50 58.16	-7.82 -0.63 59.47	34.32 -0.93 11.44	34.42 -0.99 11.89	32.51 -0.78 5.93	28.72 -0.68 3.01	28.61 -0.64 0.00
TELGRAPH_34_KV_EAST 80808	21.82 -1.21 -0.14	17.47 -1.08 -0.28	16.16 -1.01 -0.34	16.31 -0.98 -0.14	15.93 -0.89 -0.39	19.75 -0.91 0.00	28.14 -1.54 0.00	19.59 -0.49 12.81	19.28 -0.15 10.80	14.41 0.11 13.81	12.85 0.24 17.55	10.45 0.41 21.50	10.42 0.18 20.51	10.87 0.12 18.44	10.46 0.18 15.70	11.61 0.11 16.78	12.91 0.04 23.42	15.90 -0.32 29.48	21.23 -0.89 30.16	37.18 -3.64 5.87	37.13 -4.12 6.06	32.98 -3.22 3.02	28.87 -2.01 1.53	27.41 -1.84 0.00
TEMPLE___115KV_TB 2 55572	22.72 -0.27 -0.11	18.21 -0.27 -0.22	16.82 -0.27 -0.26	17.00 -0.26 -0.11	16.48 -0.25 -0.30	20.50 -0.17 0.00	29.41 -0.27 0.00	7.28 -0.16 25.45	8.66 -0.12 21.46	0.50 -0.17 27.43	-4.78 -0.18 34.76	-11.25 -0.22 42.57	-10.05 -0.18 40.61	-7.43 -0.12 36.51	-5.27 -0.05 31.20	-5.03 -0.08 33.22	-10.49 -0.25 46.53	-13.34 -0.46 58.59	-8.26 -0.63 59.91	34.28 -0.89 11.52	34.38 -0.95 11.98	32.46 -0.78 5.97	28.70 -0.68 3.03	28.64 -0.61 0.00
TIANA____69_KV_BK 1 55817	26.46 2.70 -0.87	22.15 2.14 -1.75	20.74 1.83 -2.08	19.79 1.78 -0.86	20.66 1.82 -2.41	22.96 2.29 -0.01	32.86 3.18 -0.01	34.16 3.72 2.45	31.50 3.33 2.07	28.40 2.78 2.48	29.89 3.08 3.35	30.48 3.06 4.12	30.19 3.29 3.84	29.39 3.47 3.28	26.56 3.20 2.62	35.14 3.14 -3.73	44.73 3.66 -4.77	47.33 4.48 2.85	59.84 5.12 -2.44	57.30 4.58 -6.03	58.83 4.49 -7.04	48.05 3.84 -4.98	43.67 2.88 -8.37	32.11 2.52 -0.35

TILDEN___115KV_TB1 80814	22.76 -0.25 -0.12	18.27 -0.24 -0.25	16.89 -0.24 -0.29	17.03 -0.24 -0.12	16.55 -0.21 -0.34	20.54 -0.12 0.00	29.47 -0.21 0.00	7.30 -0.07 25.53	8.65 -0.06 21.53	0.44 -0.14 27.52	-4.86 -0.15 34.87	-11.35 -0.19 42.70	-10.18 -0.18 40.74	-7.55 -0.12 36.63	-5.37 -0.05 31.30	-5.13 -0.08 33.32	-10.64 -0.25 46.67	-13.44 -0.37 58.78	-8.30 -0.47 60.10	34.43 -0.70 11.56	34.53 -0.76 12.02	32.60 -0.63 5.99	28.82 -0.55 3.04	28.70 -0.56 0.00
TRIGEN___CC 323695	25.87 2.11 -0.88	21.70 1.68 -1.76	20.38 1.46 -2.09	19.45 1.44 -0.86	20.28 1.45 -2.41	22.52 1.84 -0.02	32.22 2.52 -0.02	33.78 3.32 2.44	31.26 3.08 2.06	28.65 2.70 2.15	29.74 2.90 3.32	30.20 2.78 4.12	30.06 2.98 3.67	29.36 2.98 2.81	26.84 2.73 1.87	40.57 2.77 -9.53	51.50 3.12 -12.09	48.66 3.61 0.65	54.03 3.76 2.01	61.61 3.46 -11.46	64.12 3.41 -13.42	51.26 2.82 -9.22	49.91 2.37 -15.14	31.80 1.93 -0.62
TRINITY__115KV__4 BK 55933	24.49 0.50 -1.09	20.95 0.47 -2.22	19.91 0.45 -2.63	18.70 0.46 -1.09	19.93 0.44 -3.06	21.26 0.60 0.00	30.45 0.77 0.00	32.05 0.79 1.63	29.47 0.60 1.37	26.77 0.42 1.75	28.30 0.36 2.22	29.10 0.28 2.72	28.51 0.37 2.60	27.42 0.55 2.33	24.61 0.62 2.00	26.72 0.57 2.12	33.60 0.29 2.97	42.14 0.18 3.75	48.75 0.31 3.83	46.47 0.51 0.74	46.96 0.43 0.77	39.19 0.35 0.38	32.47 0.26 0.19	29.54 0.29 0.00
UNION___PROCESSING_DRP 323587	22.27 -0.73 -0.12	17.84 -0.66 -0.24	16.47 -0.64 -0.28	16.67 -0.60 -0.12	16.19 -0.56 -0.33	20.04 -0.62 0.00	28.67 -1.01 0.00	19.21 -0.76 12.93	18.83 -0.51 10.90	13.81 -0.37 13.93	12.14 -0.36 17.65	9.63 -0.28 21.62	9.74 -0.37 20.63	10.27 -0.38 18.55	9.88 -0.26 15.84	11.06 -0.34 16.87	12.12 -0.54 23.62	15.04 -0.91 29.75	20.54 -1.31 30.42	38.07 -2.75 5.87	38.18 -3.03 6.09	33.71 -2.47 3.04	29.09 -1.78 1.54	27.94 -1.32 0.00
UPPER HUDSON___HYD 24058	24.91 0.89 -1.13	21.22 0.68 -2.29	20.14 0.60 -2.71	18.92 0.65 -1.12	20.20 0.62 -3.16	21.61 0.95 0.00	31.13 1.45 0.00	33.13 1.74 1.50	30.27 1.30 1.27	27.33 0.84 1.62	28.86 0.75 2.05	29.76 0.73 2.51	29.11 0.77 2.40	27.98 0.93 2.15	25.13 0.99 1.84	27.39 1.07 1.96	34.63 1.09 2.74	43.75 1.51 3.46	50.77 2.04 3.53	48.16 2.15 0.68	48.73 2.13 0.71	40.51 1.65 0.35	33.46 1.23 0.18	30.22 0.96 0.00
UPPER RAQUET___HYD 24056	21.88 -1.03 -0.02	17.60 -0.69 -0.03	16.33 -0.54 -0.04	16.57 -0.60 -0.02	15.89 -0.58 -0.04	19.67 -0.99 0.00	28.20 -1.48 0.00	17.43 -1.94 13.52	24.27 -1.74 4.03	21.21 -1.74 5.15	21.77 -1.87 6.52	21.76 -1.80 7.99	21.24 -1.88 7.62	8.64 -1.84 18.72	7.70 -1.69 16.59	8.86 -1.78 17.64	25.63 -1.92 8.73	32.47 -2.24 10.99	38.99 -2.04 11.24	42.99 -1.54 2.16	43.92 -1.14 2.25	37.24 -0.86 1.12	31.36 -0.49 0.57	28.87 -0.38 0.00
VALLEY44_115KV_TB2 355964	21.67 -1.40 -0.18	17.45 -1.17 -0.36	16.17 -1.09 -0.43	16.23 -1.10 -0.18	15.94 -0.99 -0.50	20.23 -0.43 0.00	28.76 -0.92 0.00	20.72 1.28 13.46	20.33 1.48 11.38	15.04 1.49 14.55	13.47 1.75 18.43	10.89 1.92 22.58	10.86 1.66 21.54	11.41 1.58 19.37	10.89 1.46 16.55	12.13 1.47 17.62	13.44 1.81 24.67	16.66 2.01 31.06	22.31 1.78 31.73	40.24 -0.65 5.79	40.24 -1.04 6.02	35.51 -0.71 3.00	30.60 -0.19 1.61	28.08 -1.17 0.00
VALLEY___115KV_TB 1-4 80826	22.55 -0.34 0.00	17.99 -0.27 0.00	16.58 -0.25 0.00	16.90 -0.26 0.00	16.19 -0.23 0.00	20.39 -0.27 0.00	29.29 -0.39 0.00	30.53 -0.39 1.97	27.70 -0.39 2.15	24.88 -0.48 2.74	26.23 -0.45 3.47	26.75 -0.54 4.26	26.13 -0.55 4.06	25.86 -0.47 2.87	23.13 -0.44 2.41	25.20 -0.51 2.57	30.91 -0.73 4.65	39.02 -0.82 5.86	45.45 -0.84 5.99	44.93 -0.61 1.15	45.54 -0.57 1.20	38.19 -0.43 0.60	31.81 -0.29 0.30	28.99 -0.26 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	24.41 1.12 -0.40	19.92 0.86 -0.80	18.56 0.77 -0.95	18.34 0.79 -0.39	18.32 0.79 -1.11	21.76 1.10 0.00	31.25 1.57 0.00	20.02 3.32 16.20	19.48 2.90 13.66	12.72 2.08 17.47	10.48 2.44 22.12	6.87 2.43 27.10	6.98 1.93 25.85	7.88 1.93 23.24	7.96 1.84 19.86	9.11 1.98 21.14	9.21 2.54 29.62	11.88 3.47 37.30	18.32 4.18 38.13	42.60 3.22 7.31	42.97 3.26 7.60	38.10 2.67 3.79	32.68 2.20 1.93	30.86 1.61 0.00
VISCHER___FERRY HYD 24020	24.82 0.82 -1.11	21.15 0.64 -2.25	20.08 0.59 -2.66	18.87 0.62 -1.10	20.12 0.59 -3.10	21.47 0.81 0.00	30.81 1.13 0.00	32.69 1.35 1.56	30.05 1.12 1.31	27.25 0.82 1.67	28.74 0.69 2.12	29.61 0.66 2.59	29.03 0.77 2.47	27.88 0.91 2.22	25.07 0.99 1.90	27.21 0.96 2.02	34.22 0.76 2.83	43.05 0.91 3.57	49.87 1.25 3.65	47.39 1.40 0.70	47.89 1.32 0.73	39.95 1.10 0.36	33.04 0.81 0.18	29.95 0.70 0.00
V_A_10_SYNC_DSASP 323832	21.90 -1.12 -0.13	17.54 -0.99 -0.27	16.22 -0.93 -0.32	16.37 -0.91 -0.13	15.97 -0.82 -0.37	19.65 -1.01 0.00	27.96 -1.72 0.00	19.28 -1.35 12.26	18.93 -0.97 10.34	14.21 -0.67 13.22	12.82 -0.60 16.74	10.57 -0.47 20.50	10.57 -0.61 19.55	10.97 -0.64 17.58	10.43 -0.52 15.03	11.66 -0.62 15.99	12.93 -0.94 22.42	15.97 -1.51 28.23	21.15 -2.25 28.87	36.78 -4.29 5.61	36.78 -4.68 5.84	32.58 -3.73 2.91	28.33 -2.62 1.46	27.29 -1.96 0.00
V_CMM_10_SYNC_DSASP 323787	22.39 -0.50 0.00	17.93 -0.33 0.00	16.54 -0.29 0.00	16.84 -0.31 0.00	16.11 -0.31 0.00	19.98 -0.68 0.00	28.67 -1.01 0.00	18.63 -1.32 12.95	27.34 -1.24 1.65	25.01 -0.98 2.11	26.46 -1.03 2.68	27.25 -1.01 3.28	26.54 -1.08 3.13	10.34 -1.14 17.72	9.05 -1.04 15.89	10.28 -1.10 16.89	31.58 -1.13 3.58	40.01 -1.19 4.51	46.56 -1.10 4.61	45.01 -0.79 0.89	45.81 -0.57 0.92	38.29 -0.47 0.46	31.85 -0.32 0.23	28.99 -0.26 0.00
V_CMP_10_SYNC_DSASP 323788	22.34 -0.55 0.00	17.91 -0.35 0.00	16.54 -0.29 0.00	16.83 -0.33 0.00	16.06 -0.36 0.00	19.90 -0.76 0.00	28.55 -1.13 0.00	18.57 -1.38 12.94	27.32 -1.30 1.62	25.02 -1.01 2.07	26.39 -1.15 2.62	27.10 -1.23 3.21	26.39 -1.29 3.06	10.18 -1.31 17.70	8.93 -1.17 15.88	10.21 -1.19 16.88	31.62 -1.16 3.51	40.28 -1.01 4.42	47.08 -0.68 4.51	45.45 -0.38 0.87	46.35 -0.05 0.90	38.73 -0.04 0.45	32.25 0.06 0.23	29.34 0.09 0.00
V_D_10_SYNC_DSASP 323841	22.43 -0.46 0.00	17.97 -0.29 0.00	16.59 -0.24 0.00	16.90 -0.26 0.00	16.16 -0.26 0.00	20.04 -0.62 0.00	28.73 -0.95 0.00	18.60 -1.25 13.04	27.00 -1.21 2.03	24.56 -0.96 2.59	25.85 -1.03 3.28	26.51 -1.01 4.02	25.83 -1.08 3.83	10.21 -1.11 17.88	8.96 -1.01 16.00	10.19 -1.07 17.01	30.81 -1.09 4.39	39.03 -1.14 5.53	45.62 -0.99 5.66	44.90 -0.70 1.09	45.74 -0.43 1.13	38.34 -0.32 0.56	31.93 -0.19 0.29	29.14 -0.12 0.00
V_E_10_SYNC_DSASP 323830	24.17 0.98 -0.30	19.61 0.75 -0.60	18.20 0.66 -0.72	18.12 0.67 -0.30	17.96 0.71 -0.83	21.88 1.22 0.00	31.52 1.84 0.00	18.36 2.90 17.43	17.80 2.27 14.71	10.73 1.43 18.80	7.91 1.57 23.82	3.85 1.48 29.17	4.08 1.17 27.82	5.20 1.02 25.02	5.64 1.04 21.38	6.70 1.19 22.76	6.07 1.67 31.88	8.21 2.65 40.15	14.83 3.60 41.05	41.81 2.99 7.87	42.38 3.26 8.18	37.77 2.63 4.08	32.41 2.08 2.08	30.74 1.49 0.00

V_F_30_NSYNC___DSASP 323816	25.00 0.98 -1.12	21.29 0.75 -2.28	20.22 0.69 -2.70	18.99 0.72 -1.12	20.26 0.69 -3.15	21.63 0.97 0.00	31.13 1.45 0.00	33.09 1.71 1.51	30.33 1.36 1.27	27.43 0.96 1.62	28.98 0.88 2.06	29.87 0.85 2.52	29.26 0.92 2.40	28.12 1.08 2.16	25.23 1.09 1.85	27.47 1.16 1.97	34.69 1.16 2.76	43.74 1.51 3.47	50.71 1.99 3.55	48.01 2.01 0.68	48.58 1.99 0.71	40.47 1.61 0.35	33.46 1.23 0.18	30.28 1.02 0.00
V_F_30_SYNC_DSASP 323786	24.54 0.55 -1.10	21.00 0.51 -2.23	19.95 0.47 -2.65	18.74 0.50 -1.09	19.98 0.48 -3.08	21.30 0.64 0.00	30.54 0.86 0.00	32.18 0.89 1.60	29.58 0.70 1.35	26.86 0.48 1.72	28.40 0.42 2.18	29.24 0.38 2.67	28.65 0.46 2.55	27.52 0.61 2.29	24.70 0.68 1.96	26.84 0.65 2.09	33.80 0.44 2.92	42.39 0.37 3.68	48.98 0.47 3.76	46.62 0.65 0.72	47.16 0.61 0.75	39.35 0.51 0.38	32.58 0.36 0.19	29.60 0.35 0.00
V_XM_10_SYNC_DSASP 323789	22.34 -0.55 0.00	17.91 -0.35 0.00	16.54 -0.29 0.00	16.83 -0.33 0.00	16.06 -0.36 0.00	19.90 -0.76 0.00	28.55 -1.13 0.00	18.57 -1.38 12.94	27.32 -1.30 1.62	25.02 -1.01 2.07	26.39 -1.15 2.62	27.10 -1.23 3.21	26.39 -1.29 3.06	10.18 -1.31 17.70	8.93 -1.17 15.88	10.21 -1.19 16.88	31.62 -1.16 3.51	40.28 -1.01 4.42	47.08 -0.68 4.51	45.45 -0.38 0.87	46.35 -0.05 0.90	38.73 -0.04 0.45	32.25 0.06 0.23	29.34 0.09 0.00
W.BABYLN_69_KV_BK1 56697	26.42 2.66 -0.87	22.10 2.08 -1.76	20.73 1.82 -2.08	19.76 1.75 -0.86	20.61 1.77 -2.41	22.97 2.29 -0.01	32.90 3.21 -0.01	34.46 4.01 2.44	31.83 3.66 2.06	28.83 3.15 2.42	30.19 3.38 3.34	30.71 3.28 4.12	30.44 3.50 3.81	29.59 3.59 3.20	26.80 3.30 2.49	36.41 3.39 -4.75	46.30 3.96 -6.06	48.00 4.75 2.46	54.79 5.12 2.60	58.29 4.67 -6.93	60.18 4.73 -8.15	48.75 3.84 -5.69	45.15 3.18 -9.56	32.31 2.66 -0.39
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	25.51 1.79 -0.83	21.32 1.37 -1.69	20.01 1.18 -2.00	19.16 1.18 -0.83	19.91 1.15 -2.33	22.13 1.47 0.00	31.79 2.11 0.00	33.19 2.83 2.53	30.70 2.60 2.14	27.53 2.16 2.74	29.01 2.32 3.47	29.63 2.33 4.25	29.08 2.40 4.05	28.09 2.54 3.64	25.23 2.36 3.11	27.42 2.46 3.32	34.47 2.83 4.64	43.28 3.43 5.85	49.79 3.50 5.98	48.76 3.22 1.15	49.27 3.17 1.20	41.21 2.59 0.60	34.18 2.07 0.30	30.86 1.61 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	25.79 2.04 -0.86	21.56 1.55 -1.75	20.23 1.33 -2.07	19.33 1.32 -0.86	20.13 1.30 -2.41	22.31 1.65 0.00	31.99 2.32 0.00	33.59 3.16 2.46	31.09 2.93 2.07	30.51 2.50 0.09	29.77 2.68 3.07	30.15 2.71 4.10	30.90 2.74 2.57	32.00 2.89 0.08	31.21 2.68 -2.55	32.81 2.77 -1.76	36.03 3.23 3.48	43.94 3.88 5.65	50.45 3.97 5.79	49.17 3.60 1.11	49.74 3.59 1.16	41.51 2.86 0.58	34.42 2.30 0.29	31.07 1.81 0.00
W50THST__13_KV_LOAD 356117	25.92 2.17 -0.86	21.63 1.63 -1.75	20.31 1.41 -2.07	19.40 1.39 -0.86	20.20 1.36 -2.41	22.42 1.76 0.00	32.14 2.46 0.00	33.79 3.35 2.46	31.28 3.11 2.07	30.68 2.67 0.09	29.98 2.90 3.07	30.37 2.93 4.10	31.12 2.95 2.57	32.21 3.09 0.08	31.37 2.83 -2.55	33.00 2.97 -1.76	36.25 3.45 3.48	44.21 4.16 5.65	50.77 4.29 5.79	49.45 3.88 1.11	49.97 3.83 1.16	41.70 3.06 0.58	34.58 2.46 0.29	31.21 1.96 0.00
WADING RIVER_IC_1 23522	26.28 2.52 -0.87	21.95 1.93 -1.75	20.61 1.70 -2.08	19.69 1.68 -0.86	20.56 1.72 -2.41	22.80 2.13 -0.01	32.57 2.88 -0.01	33.80 3.36 2.45	31.17 2.99 2.07	28.09 2.47 2.48	29.68 2.87 3.35	30.29 2.87 4.12	30.00 3.10 3.84	29.16 3.24 3.28	26.38 3.01 2.62	34.85 2.85 -3.72	44.28 3.23 -4.77	46.74 3.88 2.85	59.24 4.55 -2.42	56.78 4.06 -6.03	58.26 3.92 -7.03	47.65 3.45 -4.98	43.34 2.56 -8.37	31.82 2.22 -0.35
WADING RIVER_IC_2 23547	26.28 2.52 -0.87	21.95 1.93 -1.75	20.61 1.70 -2.08	19.69 1.68 -0.86	20.56 1.72 -2.41	22.80 2.13 -0.01	32.57 2.88 -0.01	33.80 3.36 2.45	31.17 2.99 2.07	28.09 2.47 2.48	29.68 2.87 3.35	30.29 2.87 4.12	30.00 3.10 3.84	29.16 3.24 3.28	26.38 3.01 2.62	34.85 2.85 -3.72	44.28 3.23 -4.77	46.74 3.88 2.85	59.24 4.55 -2.42	56.78 4.06 -6.03	58.26 3.92 -7.03	47.65 3.45 -4.98	43.34 2.56 -8.37	31.82 2.22 -0.35
WADING RIVER_IC_3 23601	26.28 2.52 -0.87	21.95 1.93 -1.75	20.61 1.70 -2.08	19.69 1.68 -0.86	20.56 1.72 -2.41	22.80 2.13 -0.01	32.57 2.88 -0.01	33.80 3.36 2.45	31.17 2.99 2.07	28.09 2.47 2.48	29.68 2.87 3.35	30.29 2.87 4.12	30.00 3.10 3.84	29.16 3.24 3.28	26.38 3.01 2.62	34.85 2.85 -3.72	44.28 3.23 -4.77	46.74 3.88 2.85	59.24 4.55 -2.42	56.78 4.06 -6.03	58.26 3.92 -7.03	47.65 3.45 -4.98	43.34 2.56 -8.37	31.82 2.22 -0.35
WALDENNY_12_KV_BK2 80841	21.77 -1.28 -0.16	17.47 -1.11 -0.32	16.18 -1.03 -0.38	16.28 -1.03 -0.16	15.95 -0.92 -0.44	19.88 -0.79 0.00	28.20 -1.48 0.00	19.78 -0.13 12.98	19.50 0.21 10.95	14.56 0.45 14.00	13.07 0.66 17.75	10.66 0.85 21.74	10.59 0.58 20.73	11.08 0.53 18.65	10.59 0.52 15.92	11.76 0.45 16.96	13.07 0.51 23.73	16.10 0.27 29.87	21.44 -0.31 30.52	38.11 -2.99 5.59	38.02 -3.50 5.78	33.62 -2.71 2.89	29.20 -1.65 1.55	27.58 -1.67 0.00
WALDEN__HYDRO 24148	25.37 1.65 -0.83	21.20 1.26 -1.68	19.90 1.08 -2.00	19.08 1.10 -0.83	19.81 1.07 -2.32	22.03 1.36 0.00	31.64 1.96 0.00	32.94 2.60 2.55	30.44 2.36 2.16	27.25 1.91 2.76	28.72 2.05 3.49	29.31 2.05 4.28	28.78 2.12 4.08	27.77 2.25 3.67	24.95 2.10 3.14	27.14 2.21 3.34	34.15 2.54 4.68	42.88 3.06 5.89	49.38 3.14 6.02	48.47 2.94 1.16	48.98 2.89 1.20	40.97 2.35 0.60	33.98 1.88 0.30	30.71 1.46 0.00
WARRENSBURG____ 23737	24.91 0.89 -1.13	21.22 0.68 -2.29	20.15 0.61 -2.71	18.93 0.65 -1.12	20.20 0.62 -3.16	21.61 0.95 0.00	31.13 1.45 0.00	33.13 1.74 1.50	30.27 1.30 1.27	27.33 0.84 1.62	28.86 0.75 2.05	29.79 0.76 2.51	29.11 0.77 2.40	27.98 0.93 2.15	25.13 0.99 1.84	27.39 1.07 1.96	34.63 1.09 2.74	43.76 1.51 3.46	50.78 2.04 3.53	48.16 2.15 0.68	48.72 2.13 0.71	40.55 1.69 0.35	33.46 1.23 0.18	30.22 0.97 0.00
WATERSIDE____6 8 9 23538	25.79 2.04 -0.86	21.58 1.57 -1.75	20.23 1.33 -2.07	19.33 1.32 -0.86	20.11 1.28 -2.41	22.29 1.63 0.00	31.91 2.23 0.00	33.53 3.09 2.46	31.03 2.87 2.07	32.00 2.42 -1.48	29.92 2.65 2.90	30.13 2.68 4.09	31.70 2.71 1.74	34.06 2.83 -2.03	34.54 2.60 -5.96	35.80 2.71 -4.81	36.55 3.12 2.86	43.85 3.79 5.64	50.35 3.87 5.79	49.08 3.50 1.11	49.60 3.45 1.16	41.35 2.71 0.58	34.32 2.20 0.29	30.98 1.73 0.00
WATKINRD_115KV_LN8_ILLION 55919	22.73 -0.16 0.00	18.13 -0.13 0.00	16.71 -0.12 0.00	17.03 -0.12 0.00	16.32 -0.10 0.00	20.54 -0.12 0.00	29.50 -0.18 0.00	30.76 -0.16 1.97	27.91 -0.18 2.15	25.11 -0.25 2.74	26.44 -0.24 3.47	26.97 -0.32 4.26	26.37 -0.31 4.06	26.09 -0.23 2.87	23.36 -0.21 2.41	25.45 -0.25 2.57	31.24 -0.40 4.65	39.34 -0.50 5.86	45.81 -0.47 5.99	45.21 -0.33 1.15	45.77 -0.33 1.20	38.39 -0.24 0.60	31.94 -0.16 0.30	29.11 -0.15 0.00

WDELAWARE___HYD 323627	25.36 1.69 -0.78	21.14 1.30 -1.58	19.82 1.11 -1.88	19.06 1.13 -0.78	19.73 1.12 -2.19	22.09 1.42 0.00	31.79 2.11 0.00	32.93 2.73 2.69	30.44 2.48 2.27	27.16 1.97 2.91	28.56 2.08 3.68	29.15 2.11 4.51	28.56 2.12 4.30	27.58 2.25 3.87	24.76 2.08 3.30	26.96 2.21 3.52	34.01 2.65 4.93	42.83 3.33 6.21	49.38 3.45 6.34	48.69 3.22 1.22	49.20 3.17 1.27	41.21 2.63 0.63	34.16 2.08 0.32	30.86 1.61 0.00
WEST BABYLON___IC 23714	26.42 2.66 -0.87	22.10 2.08 -1.76	20.73 1.82 -2.08	19.76 1.75 -0.86	20.61 1.77 -2.41	22.97 2.29 -0.01	32.90 3.21 -0.01	34.46 4.01 2.44	31.83 3.66 2.06	28.83 3.15 2.42	30.19 3.38 3.34	30.71 3.28 4.12	30.44 3.50 3.81	29.59 3.59 3.20	26.80 3.30 2.49	36.41 3.39 -4.75	46.30 3.96 -6.06	48.00 4.75 2.46	54.79 5.12 2.60	58.29 4.67 -6.93	60.18 4.73 -8.15	48.75 3.84 -5.69	45.15 3.18 -9.56	32.31 2.66 -0.39
WEST CANADA___HYD 24049	22.96 0.07 0.00	18.32 0.05 0.00	16.88 0.05 0.00	17.20 0.05 0.00	16.47 0.05 0.00	20.74 0.08 0.00	29.80 0.12 0.00	31.09 0.17 1.97	28.21 0.12 2.15	25.39 0.03 2.74	26.72 0.03 3.47	27.29 0.00 4.26	26.71 0.03 4.06	26.39 0.06 2.87	23.65 0.08 2.41	25.79 0.09 2.57	31.64 0.00 4.65	39.80 -0.05 5.86	46.23 -0.05 5.99	45.54 0.00 1.15	46.06 -0.05 1.20	38.58 -0.04 0.60	32.07 -0.03 0.30	29.25 0.00 0.00
WESTERN_NY_WIND 24143	22.22 -0.80 -0.14	17.80 -0.73 -0.27	16.43 -0.72 -0.32	16.64 -0.65 -0.13	16.21 -0.59 -0.38	20.17 -0.50 0.00	28.85 -0.83 0.00	20.22 0.16 12.84	19.78 0.36 10.82	14.77 0.51 13.83	13.13 0.54 17.57	10.71 0.69 21.52	10.67 0.46 20.53	11.11 0.38 18.46	10.69 0.44 15.73	11.87 0.40 16.80	13.30 0.47 23.46	16.48 0.32 29.54	22.16 0.10 30.21	38.34 -2.47 5.87	38.39 -2.84 6.07	33.99 -2.20 3.03	29.55 -1.33 1.53	28.02 -1.23 0.00
WESTOVER___LESR 323668	23.20 0.00 -0.31	18.85 -0.04 -0.63	17.52 -0.05 -0.75	17.43 -0.03 -0.31	17.27 -0.02 -0.87	20.85 0.19 0.00	29.86 0.18 0.00	18.24 0.89 15.54	17.97 0.85 13.11	12.05 0.70 16.76	9.68 0.75 21.23	6.27 0.73 26.00	6.64 0.71 24.80	7.62 0.73 22.30	7.62 0.70 19.06	8.72 0.74 20.29	8.63 0.76 28.42	10.83 0.91 35.79	16.57 0.89 36.59	39.82 0.14 7.01	40.06 0.05 7.29	35.66 0.08 3.63	30.69 0.13 1.85	29.16 -0.09 0.00
WETHRSFD_WT_PWR 323626	21.90 -1.17 -0.18	17.64 -0.99 -0.37	16.34 -0.93 -0.43	16.41 -0.93 -0.18	16.11 -0.82 -0.50	19.98 -0.68 0.00	28.40 -1.28 0.00	19.02 -0.20 13.68	18.73 0.00 11.50	13.54 0.14 14.71	11.71 0.18 18.63	8.86 0.13 22.81	8.95 -0.03 21.76	9.57 -0.06 19.57	9.26 0.00 16.72	10.39 -0.08 17.80	11.14 -0.22 24.93	13.85 -0.46 31.39	19.41 -0.78 32.08	38.03 -2.66 6.00	38.20 -2.89 6.22	33.92 -2.20 3.10	29.36 -1.43 1.63	27.79 -1.46 0.00
WHAVSTOR_138KV_BK127 55557	25.42 1.69 -0.83	21.25 1.30 -1.69	19.95 1.11 -2.01	19.10 1.11 -0.83	19.84 1.08 -2.34	22.05 1.38 0.00	31.70 2.02 0.00	33.09 2.73 2.53	30.61 2.51 2.14	27.48 2.11 2.73	28.96 2.26 3.46	29.57 2.27 4.24	29.03 2.34 4.05	28.04 2.48 3.64	25.16 2.29 3.11	27.37 2.40 3.31	34.41 2.76 4.63	43.16 3.29 5.84	49.65 3.35 5.97	48.62 3.08 1.15	49.18 3.07 1.19	41.10 2.47 0.59	34.08 1.98 0.30	30.80 1.55 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	25.42 1.69 -0.83	21.25 1.30 -1.69	19.95 1.11 -2.01	19.10 1.11 -0.83	19.84 1.08 -2.34	22.05 1.38 0.00	31.70 2.02 0.00	33.09 2.73 2.53	30.61 2.51 2.14	27.48 2.11 2.73	28.96 2.26 3.46	29.57 2.27 4.24	29.03 2.34 4.05	28.04 2.48 3.64	25.16 2.29 3.11	27.37 2.40 3.31	34.41 2.76 4.63	43.16 3.29 5.84	49.65 3.35 5.97	48.62 3.08 1.15	49.18 3.07 1.19	41.10 2.47 0.59	34.08 1.98 0.30	30.80 1.55 0.00
WHITEHAL_115KV_TB1 80871	25.16 1.14 -1.13	21.38 0.84 -2.28	20.31 0.77 -2.71	19.10 0.82 -1.12	20.36 0.79 -3.15	21.88 1.22 0.00	31.58 1.90 0.00	33.59 2.20 1.51	30.57 1.60 1.27	27.55 1.07 1.62	29.04 0.93 2.05	29.97 0.95 2.51	29.26 0.92 2.40	28.15 1.11 2.16	25.28 1.14 1.84	27.61 1.30 1.96	34.92 1.38 2.75	44.25 2.01 3.46	51.45 2.72 3.54	48.86 2.85 0.68	49.48 2.89 0.71	41.10 2.24 0.35	33.85 1.62 0.18	30.51 1.26 0.00
WHITEPLN_13_KV_LOAD 356215	25.69 1.95 -0.86	21.50 1.50 -1.74	20.17 1.28 -2.06	19.28 1.27 -0.85	20.08 1.25 -2.40	22.25 1.59 0.00	31.94 2.26 0.00	33.52 3.09 2.46	31.00 2.84 2.08	27.90 2.33 2.54	29.37 2.56 3.35	29.97 2.55 4.12	29.45 2.58 3.87	28.56 2.74 3.38	25.76 2.55 2.77	27.94 2.66 2.99	34.88 3.05 4.46	43.73 3.70 5.67	50.34 3.87 5.80	49.12 3.55 1.12	49.69 3.55 1.16	41.46 2.82 0.58	34.42 2.30 0.29	31.01 1.76 0.00
WM_FLOYD_69_KV_BK2 356380	26.42 2.66 -0.87	22.12 2.10 -1.75	20.73 1.82 -2.08	19.78 1.77 -0.86	20.64 1.81 -2.41	22.94 2.27 -0.01	32.80 3.12 -0.01	34.16 3.72 2.45	31.50 3.33 2.07	28.40 2.78 2.48	29.92 3.11 3.35	30.48 3.06 4.12	30.19 3.29 3.84	29.36 3.45 3.28	26.54 3.17 2.62	35.16 3.14 -3.74	44.71 3.63 -4.80	47.30 4.43 2.84	59.78 4.97 -2.55	57.22 4.48 -6.05	58.80 4.45 -7.06	47.98 3.77 -5.00	43.72 2.92 -8.39	32.11 2.52 -0.35
WOODARD___115KV_TB2 355635	22.65 -0.34 -0.10	18.14 -0.33 -0.21	16.77 -0.30 -0.25	16.95 -0.31 -0.10	16.41 -0.30 -0.29	20.41 -0.25 0.00	29.32 -0.36 0.00	6.28 -0.43 26.18	7.79 -0.36 22.08	-0.52 -0.39 28.23	-6.03 -0.42 35.76	-12.70 -0.44 43.80	-11.44 -0.40 41.78	-8.72 -0.35 37.57	-6.38 -0.26 32.11	-6.22 -0.31 34.18	-12.13 -0.54 47.87	-15.27 -0.69 60.28	-10.21 -0.84 61.64	33.80 -1.03 11.86	33.89 -1.09 12.33	32.17 -0.90 6.14	28.51 -0.78 3.12	28.55 -0.70 0.00
WOODMERE_69_KV_BK1 55827	26.15 2.38 -0.88	21.90 1.88 -1.76	20.56 1.65 -2.08	19.62 1.61 -0.86	20.46 1.63 -2.41	22.74 2.07 -0.01	32.54 2.85 -0.01	34.14 3.68 2.44	31.59 3.42 2.06	28.87 2.98 2.21	30.06 3.23 3.32	30.55 3.12 4.12	30.33 3.29 3.70	29.56 3.27 2.91	26.95 2.99 2.02	39.75 3.08 -8.39	50.46 3.52 -10.66	48.78 4.16 1.08	54.43 4.50 2.33	61.09 4.02 -10.39	63.44 3.97 -12.17	50.89 3.29 -8.38	48.98 2.75 -13.82	32.07 2.25 -0.56
YORK___WARBASSE 23770	25.90 2.15 -0.86	21.63 1.63 -1.75	20.28 1.38 -2.07	19.36 1.36 -0.86	20.15 1.31 -2.41	22.34 1.67 0.00	31.96 2.29 0.00	33.66 3.22 2.46	31.13 2.96 2.07	32.08 2.50 -1.48	29.98 2.71 2.90	30.25 2.81 4.09	31.79 2.80 1.74	34.14 2.92 -2.03	34.65 2.70 -5.96	35.91 2.83 -4.81	36.69 3.27 2.86	44.08 4.02 5.64	50.61 4.13 5.79	49.31 3.74 1.11	49.83 3.69 1.16	41.51 2.86 0.58	34.48 2.37 0.29	31.09 1.84 0.00