

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

10/24/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	25.26	22.01	20.88	20.62	20.32	23.92	38.44	53.83	42.93	33.14	29.45	27.39	27.43	26.70	26.95	27.62	31.22	46.26	63.30	54.94	34.94	32.84	27.30	23.19
24138	1.56	1.31	1.16	1.19	1.17	1.44	2.85	3.25	2.55	2.40	2.12	2.25	2.00	1.91	1.62	2.01	2.46	2.37	1.84	1.99	2.02	1.59	0.93	0.47
	0.00	0.00	0.00	0.00	0.00	0.00	-0.40	-11.45	-11.00	-4.05	-5.24	-2.45	-5.39	-4.92	-8.06	-5.13	-3.86	-19.43	-41.86	-32.38	-10.54	-13.00	-15.79	-16.74
74TH STREET_GT_1	25.21	21.97	20.84	20.59	20.28	23.87	38.31	53.72	42.85	33.08	29.41	27.32	27.38	26.73	27.04	27.62	31.16	46.16	63.23	54.92	34.92	32.82	27.31	23.21
24260	1.52	1.26	1.12	1.15	1.13	1.39	2.71	3.13	2.47	2.35	2.08	2.18	1.94	1.85	1.57	1.97	2.41	2.30	1.82	1.95	1.99	1.55	0.91	0.45
	0.00	0.00	0.00	0.00	0.00	0.00	-0.40	-11.45	-11.00	-4.06	-5.24	-2.45	-5.41	-5.01	-8.20	-5.17	-3.85	-19.40	-41.81	-32.41	-10.54	-13.01	-15.81	-16.77
74TH STREET_GT_2	25.21	21.97	20.84	20.59	20.28	23.87	38.31	53.72	42.85	33.08	29.41	27.32	27.38	26.73	27.04	27.62	31.16	46.16	63.23	54.92	34.92	32.82	27.31	23.21
24261	1.52	1.26	1.12	1.15	1.13	1.39	2.71	3.13	2.47	2.35	2.08	2.18	1.94	1.85	1.57	1.97	2.41	2.30	1.82	1.95	1.99	1.55	0.91	0.45
	0.00	0.00	0.00	0.00	0.00	0.00	-0.40	-11.45	-11.00	-4.06	-5.24	-2.45	-5.41	-5.01	-8.20	-5.17	-3.85	-19.40	-41.81	-32.41	-10.54	-13.01	-15.81	-16.77
ADK HUDSON___FALLS	24.93	21.77	20.84	20.49	20.39	24.05	38.51	53.37	43.33	32.61	29.28	26.49	26.54	21.40	18.61	24.90	30.20	47.34	67.71	58.17	35.73	34.44	30.47	27.12
24011	1.23	1.06	1.12	1.05	1.24	1.57	2.92	3.25	2.20	1.87	1.46	1.34	1.20	1.25	1.07	1.25	1.54	1.57	1.33	1.46	1.57	1.11	0.67	0.35
	0.00	0.00	0.00	0.00	0.00	0.00	-0.40	-10.98	-11.75	-4.06	-5.74	-2.46	-5.30	-0.28	-0.27	-3.18	-3.77	-21.32	-46.78	-36.15	-11.78	-15.07	-19.22	-20.79
ADK RESOURCE___RCVRY	25.02	21.87	20.94	20.57	20.49	24.18	38.86	53.66	43.48	32.81	29.40	26.59	26.59	21.48	18.66	24.90	30.33	47.46	67.79	58.28	35.78	34.50	30.51	27.14
23798	1.33	1.16	1.22	1.13	1.34	1.71	3.27	3.52	2.38	2.08	1.59	1.45	1.26	1.33	1.12	1.25	1.67	1.69	1.43	1.60	1.63	1.19	0.72	0.37
	0.00	0.00	0.00	0.00	0.00	0.00	-0.40	-11.00	-11.72	-4.05	-5.73	-2.45	-5.29	-0.28	-0.27	-3.17	-3.76	-21.31	-46.77	-36.11	-11.77	-15.06	-19.20	-20.78
ADK S GLENS___FALLS	24.93	21.77	20.84	20.49	20.39	24.05	38.51	53.37	43.33	32.61	29.28	26.49	26.54	21.40	18.61	24.90	30.20	47.34	67.71	58.17	35.73	34.44	30.47	27.12
24028	1.23	1.06	1.12	1.05	1.24	1.57	2.92	3.25	2.20	1.87	1.46	1.34	1.20	1.25	1.07	1.25	1.54	1.57	1.33	1.46	1.57	1.11	0.67	0.35
	0.00	0.00	0.00	0.00	0.00	0.00	-0.40	-10.98	-11.75	-4.06	-5.74	-2.46	-5.30	-0.28	-0.27	-3.18	-3.77	-21.32	-46.78	-36.15	-11.78	-15.07	-19.22	-20.79
ADK_NYS___DAM	24.67	21.58	20.52	20.25	20.09	23.60	37.49	49.19	40.71	31.10	28.12	25.74	25.75	21.19	18.42	24.41	29.03	44.07	61.48	53.10	33.92	32.83	29.34	26.36
23527	0.97	0.87	0.81	0.82	0.94	1.12	2.00	2.23	1.67	1.36	1.17	1.18	1.04	1.05	0.90	1.06	1.37	1.44	1.20	1.23	1.32	0.99	0.58	0.33
	0.00	0.00	0.00	0.00	0.00	0.00	-0.30	-7.82	-9.66	-3.06	-4.86	-1.88	-4.68	-0.27	-0.26	-2.87	-2.77	-18.16	-40.69	-31.30	-10.21	-13.59	-18.18	-20.04
AIR_PRODUCTS___DRP	24.10	21.10	20.03	19.77	19.51	22.95	36.53	50.64	41.36	31.20	28.01	25.39	25.51	20.58	17.93	23.88	29.10	45.93	65.96	56.51	34.44	33.33	29.55	26.36
24190	0.40	0.39	0.32	0.33	0.36	0.47	0.95	0.82	0.59	0.59	0.35	0.32	0.32	0.44	0.40	0.31	0.47	0.51	0.43	0.45	0.49	0.31	0.19	0.09
	0.00	0.00	0.00	0.00	0.00	0.00	-0.39	-10.68	-11.40	-3.93	-5.57	-2.38	-5.16	-0.27	-0.26	-3.09	-3.73	-20.96	-45.93	-35.50	-11.57	-14.77	-18.78	-20.29
AKWESSNE_115KV_BK	23.36	20.46	19.50	19.22	18.90	22.14	34.52	38.36	28.79	26.07	21.58	22.14	19.51	19.38	16.84	19.99	24.27	23.85	19.11	19.98	10.52	8.56	2.54	2.81
355683	-0.33	-0.25	-0.22	-0.21	-0.25	-0.34	-0.67	-0.78	-0.59	-0.61	-0.51	-0.54	-0.52	-0.50	-0.43	-0.49	-0.62	-0.61	-0.49	-0.58	-0.72	-0.58	-0.34	-0.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.15	9.11	7.70	2.98
ALBANY___1	24.10	21.10	20.03	19.77	19.51	22.95	36.53	50.64	41.36	31.20	28.01	25.39	25.51	20.58	17.93	23.88	29.10	45.93	65.96	56.51	34.44	33.33	29.55	26.36
23571	0.40	0.39	0.32	0.33	0.36	0.47	0.95	0.82	0.59	0.59	0.35	0.32	0.32	0.44	0.40	0.31	0.47	0.51	0.43	0.45	0.49	0.31	0.19	0.09
	0.00	0.00	0.00	0.00	0.00	0.00	-0.39	-10.68	-11.40	-3.93	-5.57	-2.38	-5.16	-0.27	-0.26	-3.09	-3.73	-20.96	-45.93	-35.50	-11.57	-14.77	-18.78	-20.29
ALBANY___2	24.10	21.10	20.03	19.77	19.51	22.95	36.53	50.64	41.36	31.20	28.01	25.39	25.51	20.58	17.93	23.88	29.10	45.93	65.96	56.51	34.44	33.33	29.55	26.36
23572	0.40	0.39	0.32	0.33	0.36	0.47	0.95	0.82	0.59	0.59	0.35	0.32	0.32	0.44	0.40	0.31	0.47	0.51	0.43	0.45	0.49	0.31	0.19	0.09
	0.00	0.00	0.00	0.00	0.00	0.00	-0.39	-10.68	-11.40	-3.93	-5.57	-2.38	-5.16	-0.27	-0.26	-3.09	-3.73	-20.96	-45.93	-35.50	-11.57	-14.77	-18.78	-20.29
ALBANY___3	24.10	21.10	20.03	19.77	19.51	22.95	36.53	50.64	41.36	31.20	28.01	25.39	25.51	20.58	17.93	23.88	29.10	45.93	65.96	56.51	34.44	33.33	29.55	26.36
23573	0.40	0.39	0.32	0.33	0.36	0.47	0.95	0.82	0.59	0.59	0.35	0.32	0.32	0.44	0.40	0.31	0.47	0.51	0.43	0.45	0.49	0.31	0.19	0.09
	0.00	0.00	0.00	0.00	0.00	0.00	-0.39	-10.68	-11.40	-3.93	-5.57	-2.38	-5.16	-0.27	-0.26	-3.09	-3.73	-20.96	-45.93	-35.50	-11.57	-14.77	-18.78	-20.29

ALBANY___4 23574	24.10 0.40 0.00	21.10 0.39 0.00	20.03 0.32 0.00	19.77 0.33 0.00	19.51 0.36 0.00	22.95 0.47 0.00	36.53 0.95 -0.39	50.64 0.82 -10.68	41.36 0.59 -11.40	31.20 0.59 -3.93	28.01 0.35 -5.57	25.39 0.32 -2.38	25.51 0.32 -5.16	20.58 0.44 -0.27	17.93 0.40 -0.26	23.88 0.31 -3.09	29.10 0.47 -3.73	45.93 0.51 -20.96	65.96 0.43 -45.93	56.51 0.45 -35.50	34.44 0.49 -11.57	33.33 0.31 -14.77	29.55 0.19 -18.78	26.36 0.09 -20.29
ALBANY___LFGE 323615	24.31 0.62 0.00	21.29 0.58 0.00	20.21 0.49 0.00	19.92 0.49 0.00	19.68 0.54 0.00	23.15 0.67 0.00	36.92 1.34 -0.39	51.06 1.25 -10.67	41.73 0.88 -11.47	31.51 0.88 -3.95	28.27 0.57 -5.60	25.65 0.57 -2.40	25.70 0.48 -5.19	20.76 0.62 -0.27	18.08 0.55 -0.26	24.08 0.49 -3.11	29.29 0.72 -3.68	46.09 0.76 -20.87	66.04 0.63 -45.82	56.59 0.66 -35.37	34.63 0.72 -11.52	33.51 0.49 -14.76	29.72 0.30 -18.85	26.54 0.16 -20.40
ALCOA_PA_115KV_PL-6C 55860	23.50 -0.19 0.00	20.59 -0.12 0.00	19.62 -0.10 0.00	19.34 -0.10 0.00	19.02 -0.13 0.00	22.25 -0.22 0.00	34.66 -0.53 0.00	38.51 -0.63 0.00	28.91 -0.47 0.00	26.12 -0.56 0.00	21.60 -0.49 0.00	22.19 -0.50 0.00	19.51 -0.52 0.00	19.40 -0.48 0.00	16.84 -0.43 0.00	19.99 -0.49 0.00	24.27 -0.62 0.00	23.87 -0.59 0.00	19.14 -0.45 0.00	20.00 -0.56 0.00	10.88 -0.69 10.81	8.87 -0.55 8.84	2.79 -0.33 7.47	2.93 -0.17 2.89
ALCOA_RYNLDS___DRP 24188	23.50 -0.19 0.00	20.59 -0.12 0.00	19.62 -0.10 0.00	19.34 -0.10 0.00	19.02 -0.13 0.00	22.25 -0.22 0.00	34.66 -0.53 0.00	38.51 -0.63 0.00	28.91 -0.47 0.00	26.12 -0.56 0.00	21.60 -0.49 0.00	22.19 -0.50 0.00	19.51 -0.52 0.00	19.40 -0.48 0.00	16.84 -0.43 0.00	19.99 -0.49 0.00	24.27 -0.62 0.00	23.87 -0.59 0.00	19.14 -0.45 0.00	20.00 -0.56 0.00	10.88 -0.69 10.81	8.87 -0.55 8.84	2.79 -0.33 7.47	2.93 -0.17 2.89
ALCOA___DSASP 323711	23.50 -0.19 0.00	20.59 -0.12 0.00	19.62 -0.10 0.00	19.34 -0.10 0.00	19.02 -0.13 0.00	22.25 -0.22 0.00	34.63 -0.56 0.00	38.51 -0.63 0.00	28.91 -0.47 0.00	26.09 -0.59 0.00	21.60 -0.49 0.00	22.19 -0.50 0.00	19.53 -0.50 0.00	19.40 -0.48 0.00	16.84 -0.43 0.00	20.01 -0.47 0.00	24.27 -0.62 0.00	23.87 -0.59 0.00	19.15 -0.45 0.00	20.01 -0.55 0.00	10.88 -0.69 10.81	8.87 -0.55 8.84	2.79 -0.33 7.47	2.93 -0.17 2.89
ALLEGHENY___COGEN 23514	25.16 1.47 0.00	21.95 1.24 0.00	20.90 1.18 0.00	20.57 1.13 0.00	20.13 0.98 0.00	23.80 1.33 0.00	37.06 1.76 -0.11	44.18 2.07 -2.96	33.80 1.41 -3.02	29.06 1.31 -1.08	24.49 0.95 -1.46	24.29 0.95 -0.65	22.12 0.76 -1.32	20.65 0.71 -0.07	18.07 0.74 -0.06	22.12 0.86 -0.79	27.00 1.09 -1.01	31.05 1.17 -5.41	32.36 0.98 -11.78	30.91 1.30 -9.05	26.81 1.48 -2.95	23.10 1.13 -3.71	15.87 0.66 -4.63	11.37 0.43 -4.96
ALTAMONT_115KV_TB 2 55880	24.36 0.66 0.00	21.31 0.60 0.00	20.27 0.55 0.00	19.98 0.54 0.00	19.72 0.57 0.00	23.17 0.70 0.00	36.93 1.34 -0.40	51.69 1.45 -11.10	42.21 1.09 -11.75	31.78 0.99 -4.11	28.60 0.80 -5.71	25.97 0.79 -2.49	26.00 0.72 -5.25	20.88 0.74 -0.27	18.17 0.64 -0.26	24.35 0.74 -3.14	29.68 0.92 -3.87	46.72 0.93 -21.33	66.97 0.74 -46.63	57.42 0.80 -36.06	35.00 0.87 -11.74	33.83 0.66 -14.91	29.81 0.39 -18.84	26.49 0.21 -20.30
ALTONA_WT_PWR 323606	24.33 0.64 0.00	21.33 0.62 0.00	20.29 0.57 0.00	19.96 0.53 0.00	19.67 0.52 0.00	23.06 0.58 0.00	35.47 0.28 0.00	39.10 -0.04 0.00	29.64 0.26 0.00	26.68 0.00 0.00	22.26 0.18 0.00	22.80 0.11 0.00	20.11 0.08 0.00	19.91 0.04 0.00	17.27 0.00 0.00	20.52 0.04 0.00	24.97 0.07 0.00	24.53 0.07 0.00	19.81 0.22 0.00	20.52 -0.04 0.00	10.86 -0.49 11.03	8.71 -0.53 9.01	2.59 -0.37 7.62	2.79 -0.25 2.95
AMERICAN_REF_FUEL 24010	23.36 -0.33 0.00	20.54 -0.17 0.00	19.66 -0.06 0.00	19.30 -0.14 0.00	18.84 -0.31 0.00	21.96 -0.52 0.00	33.64 -1.65 -0.10	39.52 -2.43 -2.81	30.62 -1.62 -2.86	26.71 -0.99 -1.02	22.65 -0.82 -1.38	22.67 -0.64 -0.61	20.69 -0.60 -1.25	19.32 -0.62 -0.06	17.00 -0.33 -0.06	20.63 -0.59 -0.74	24.83 -1.02 -0.96	28.36 -1.22 -5.12	29.64 -1.10 -11.15	28.13 -0.82 -8.40	24.43 -0.69 -2.73	21.15 -0.55 -3.44	14.72 -0.16 -4.29	10.65 0.06 -4.60
ARKWRIGHT___SUMMIT_WT_PWR 323751	24.10 0.40 0.00	21.14 0.44 0.00	20.17 0.45 0.00	19.77 0.33 0.00	19.28 0.13 0.00	22.66 0.18 0.00	34.38 -0.92 -0.11	40.66 -1.49 -3.00	31.47 -0.97 -3.06	27.34 -0.43 -1.09	23.28 -0.29 -1.48	23.53 0.18 -0.66	21.34 -0.04 -1.34	20.04 0.10 -0.07	17.44 0.10 -0.06	21.21 -0.06 -0.80	25.59 -0.32 -1.02	29.33 -0.61 -5.48	30.84 -0.69 -11.93	29.08 -0.49 -9.01	24.72 -0.60 -2.94	21.44 -0.51 -3.69	15.04 -0.15 -4.61	10.95 0.02 -4.94
ARTHUR_KILL_GT_1 23520	25.21 1.52 0.00	21.93 1.22 0.00	20.76 1.04 0.00	20.47 1.03 0.00	20.16 1.01 0.00	23.62 1.15 0.01	34.51 2.22 2.90	35.53 2.54 6.16	32.65 2.06 -4.07	29.07 1.92 -4.05	26.99 1.86 -5.23	27.11 1.68 -2.45	27.18 1.74 -5.40	26.44 1.57 -4.99	26.79 1.33 -8.19	27.33 1.68 -5.17	30.89 2.14 -3.86	35.48 2.01 -9.02	35.47 1.55 -14.33	35.47 1.65 -13.27	34.57 1.66 -10.53	32.54 1.30 -12.99	27.22 0.85 -15.79	23.13 0.41 -16.74
ARTHUR_KILL_2 23512	25.14 1.45 0.00	21.87 1.16 0.00	20.72 1.00 0.00	20.43 0.99 0.00	20.11 0.96 0.00	23.55 1.08 0.01	34.44 2.15 2.90	35.41 2.43 6.16	35.41 1.97 -4.07	32.57 1.84 -4.05	29.02 1.70 -5.23	26.95 1.82 -2.45	27.05 1.62 -5.40	26.38 1.51 -4.99	26.76 1.30 -8.19	27.26 1.62 -5.17	30.81 2.07 -3.86	35.41 1.93 -9.02	35.41 1.49 -14.33	35.41 1.58 -13.27	34.50 1.59 -10.53	32.49 1.24 -12.99	27.19 0.81 -15.79	23.12 0.39 -16.74
ARTHUR_KILL_3 23513	24.97 1.28 0.00	21.79 1.08 0.00	20.66 0.95 0.00	20.39 0.95 0.00	20.11 0.96 0.00	23.67 1.19 0.00	34.66 2.36 2.89	35.69 2.70 6.15	35.59 2.14 -4.07	32.79 2.05 -4.05	29.16 1.83 -5.24	27.11 1.97 -2.45	27.18 1.74 -5.41	26.54 1.67 -5.00	26.89 1.42 -8.20	27.41 1.76 -5.18	30.92 2.16 -3.86	35.52 2.03 -9.03	35.50 1.57 -14.33	35.54 1.71 -13.28	34.67 1.75 -10.54	32.63 1.37 -13.00	27.19 0.81 -15.79	23.13 0.41 -16.74
ARTHUR_KILL_COGEN 323718	25.21 1.52 0.00	21.93 1.22 0.00	20.76 1.04 0.00	20.47 1.03 0.00	20.16 1.01 0.00	23.62 1.15 0.01	34.51 2.22 2.90	35.53 2.54 6.16	32.65 2.06 -4.07	29.07 1.92 -4.05	26.99 1.86 -5.23	27.11 1.68 -2.45	27.18 1.74 -5.40	26.44 1.57 -4.99	26.79 1.33 -8.19	27.33 1.68 -5.17	30.89 2.14 -3.86	35.48 2.01 -9.02	35.47 1.55 -14.33	35.47 1.65 -13.27	34.57 1.66 -10.53	32.54 1.30 -12.99	27.22 0.85 -15.79	23.13 0.41 -16.74
ASHOKAN____ 23654	25.00 1.30 0.00	21.83 1.12 0.00	20.74 1.02 0.00	20.43 0.99 0.00	20.11 0.96 0.00	23.40 0.92 0.00	38.29 2.71 -0.39	53.04 3.05 -10.85	42.33 1.91 -11.05	32.27 1.65 -3.94	28.06 0.64 -5.33	26.17 1.11 -2.38	24.82 -0.06 -4.85	20.73 0.62 -0.24	17.64 0.14 -0.23	23.36 0.00 -2.88	30.06 1.47 -3.70	45.39 1.13 -19.81	63.20 0.51 -43.10	54.38 0.51 -33.31	33.77 0.54 -10.85	32.16 0.26 -13.65	27.70 0.08 -17.03	24.25 0.01 -18.26

ASTORIA_EAST_ENERGY_CC1 323581	25.12 1.42 0.00	21.87 1.16 0.00	20.68 0.97 0.00	20.39 0.95 0.00	20.09 0.94 0.00	23.53 1.06 0.01	37.84 2.25 -0.39	53.05 2.47 -11.44	42.42 2.06 -10.99	32.67 1.95 -4.05	29.15 1.83 -5.23	27.08 1.95 -2.45	27.21 1.78 -5.40	28.44 1.69 -6.87	32.67 1.43 -13.97	27.43 1.78 -5.17	30.96 2.21 -3.86	45.89 2.01 -19.42	62.98 1.53 -41.86	54.58 1.65 -32.38	34.55 1.63 -10.53	32.53 1.28 -12.99	27.17 0.80 -15.79	23.12 0.39 -16.74
ASTORIA_EAST_ENERGY_CC2 323582	25.12 1.42 0.00	21.87 1.16 0.00	20.68 0.97 0.00	20.39 0.95 0.00	20.09 0.94 0.00	23.53 1.06 0.01	37.84 2.25 -0.39	53.05 2.47 -11.44	42.42 2.06 -10.99	32.67 1.95 -4.05	29.15 1.83 -5.23	27.08 1.95 -2.45	27.21 1.78 -5.40	28.44 1.69 -6.87	32.67 1.43 -13.97	27.43 1.78 -5.17	30.96 2.21 -3.86	45.89 2.01 -19.42	62.98 1.53 -41.86	54.58 1.65 -32.38	34.55 1.63 -10.53	32.53 1.28 -12.99	27.17 0.80 -15.79	23.12 0.39 -16.74
ASTORIA_GT2_1 24094	25.14 1.45 0.00	21.87 1.16 0.00	20.70 0.99 0.00	20.41 0.97 0.00	20.09 0.94 0.00	23.56 1.08 0.00	37.78 2.18 -0.40	53.09 2.50 -11.45	42.46 2.09 -11.00	32.74 2.00 -4.06	29.16 1.83 -5.24	27.14 2.00 -2.45	27.23 1.80 -5.40	28.44 1.69 -6.87	32.67 1.43 -13.97	27.45 1.80 -5.17	30.96 2.22 -3.85	45.87 2.01 -19.40	62.96 1.55 -41.81	54.63 1.67 -32.41	34.59 1.66 -10.54	32.55 1.28 -13.01	27.21 0.81 -15.81	23.15 0.40 -16.77
ASTORIA_GT2_2 24095	25.14 1.45 0.00	21.87 1.16 0.00	20.70 0.99 0.00	20.41 0.97 0.00	20.09 0.94 0.00	23.56 1.08 0.00	37.78 2.18 -0.40	53.09 2.50 -11.45	42.46 2.09 -11.00	32.74 2.00 -4.06	29.16 1.83 -5.24	27.14 2.00 -2.45	27.23 1.80 -5.40	28.44 1.69 -6.87	32.67 1.43 -13.97	27.45 1.80 -5.17	30.96 2.22 -3.85	45.87 2.01 -19.40	62.96 1.55 -41.81	54.63 1.67 -32.41	34.59 1.66 -10.54	32.55 1.28 -13.01	27.21 0.81 -15.81	23.15 0.40 -16.77
ASTORIA_GT2_3 24096	25.14 1.45 0.00	21.87 1.16 0.00	20.70 0.99 0.00	20.41 0.97 0.00	20.09 0.94 0.00	23.56 1.08 0.00	37.78 2.18 -0.40	53.09 2.50 -11.45	42.46 2.09 -11.00	32.74 2.00 -4.06	29.16 1.83 -5.24	27.14 2.00 -2.45	27.23 1.80 -5.40	28.44 1.69 -6.87	32.67 1.43 -13.97	27.45 1.80 -5.17	30.96 2.22 -3.85	45.87 2.01 -19.40	62.96 1.55 -41.81	54.63 1.67 -32.41	34.59 1.66 -10.54	32.55 1.28 -13.01	27.21 0.81 -15.81	23.15 0.40 -16.77
ASTORIA_GT2_4 24097	25.14 1.45 0.00	21.87 1.16 0.00	20.70 0.99 0.00	20.41 0.97 0.00	20.09 0.94 0.00	23.56 1.08 0.00	37.78 2.18 -0.40	53.09 2.50 -11.45	42.46 2.09 -11.00	32.74 2.00 -4.06	29.16 1.83 -5.24	27.14 2.00 -2.45	27.23 1.80 -5.40	28.44 1.69 -6.87	32.67 1.43 -13.97	27.45 1.80 -5.17	30.96 2.22 -3.85	45.87 2.01 -19.40	62.96 1.55 -41.81	54.63 1.67 -32.41	34.59 1.66 -10.54	32.55 1.28 -13.01	27.21 0.81 -15.81	23.15 0.40 -16.77
ASTORIA_GT3_1 24098	25.14 1.45 0.00	21.87 1.16 0.00	20.70 0.99 0.00	20.41 0.97 0.00	20.09 0.94 0.00	23.56 1.08 0.00	37.78 2.18 -0.40	53.09 2.50 -11.45	42.46 2.09 -11.00	32.74 2.00 -4.06	29.16 1.83 -5.24	27.14 2.00 -2.45	27.23 1.80 -5.40	28.44 1.69 -6.87	32.67 1.43 -13.97	27.45 1.80 -5.17	30.96 2.22 -3.85	45.87 2.01 -19.40	62.96 1.55 -41.81	54.63 1.67 -32.41	34.59 1.66 -10.54	32.55 1.28 -13.01	27.21 0.81 -15.81	23.15 0.40 -16.77
ASTORIA_GT3_2 24099	25.14 1.45 0.00	21.87 1.16 0.00	20.70 0.99 0.00	20.41 0.97 0.00	20.09 0.94 0.00	23.56 1.08 0.00	37.78 2.18 -0.40	53.09 2.50 -11.45	42.46 2.09 -11.00	32.74 2.00 -4.06	29.16 1.83 -5.24	27.14 2.00 -2.45	27.23 1.80 -5.40	28.44 1.69 -6.87	32.67 1.43 -13.97	27.45 1.80 -5.17	30.96 2.22 -3.85	45.87 2.01 -19.40	62.96 1.55 -41.81	54.63 1.67 -32.41	34.59 1.66 -10.54	32.55 1.28 -13.01	27.21 0.81 -15.81	23.15 0.40 -16.77
ASTORIA_GT3_3 24100	25.14 1.45 0.00	21.87 1.16 0.00	20.70 0.99 0.00	20.41 0.97 0.00	20.09 0.94 0.00	23.56 1.08 0.00	37.78 2.18 -0.40	53.09 2.50 -11.45	42.46 2.09 -11.00	32.74 2.00 -4.06	29.16 1.83 -5.24	27.14 2.00 -2.45	27.23 1.80 -5.40	28.44 1.69 -6.87	32.67 1.43 -13.97	27.45 1.80 -5.17	30.96 2.22 -3.85	45.87 2.01 -19.40	62.96 1.55 -41.81	54.63 1.67 -32.41	34.59 1.66 -10.54	32.55 1.28 -13.01	27.21 0.81 -15.81	23.15 0.40 -16.77
ASTORIA_GT3_4 24101	25.14 1.45 0.00	21.87 1.16 0.00	20.70 0.99 0.00	20.41 0.97 0.00	20.09 0.94 0.00	23.56 1.08 0.00	37.78 2.18 -0.40	53.09 2.50 -11.45	42.46 2.09 -11.00	32.74 2.00 -4.06	29.16 1.83 -5.24	27.14 2.00 -2.45	27.23 1.80 -5.40	28.44 1.69 -6.87	32.67 1.43 -13.97	27.45 1.80 -5.17	30.96 2.22 -3.85	45.87 2.01 -19.40	62.96 1.55 -41.81	54.63 1.67 -32.41	34.59 1.66 -10.54	32.55 1.28 -13.01	27.21 0.81 -15.81	23.15 0.40 -16.77
ASTORIA_GT4_1 24102	25.14 1.45 0.00	21.87 1.16 0.00	20.70 0.99 0.00	20.41 0.97 0.00	20.09 0.94 0.00	23.56 1.08 0.00	37.78 2.18 -0.40	53.09 2.50 -11.45	42.46 2.09 -11.00	32.74 2.00 -4.06	29.16 1.83 -5.24	27.14 2.00 -2.45	27.23 1.80 -5.40	28.44 1.69 -6.87	32.67 1.43 -13.97	27.45 1.80 -5.17	30.96 2.22 -3.85	45.87 2.01 -19.40	62.96 1.55 -41.81	54.63 1.67 -32.41	34.59 1.66 -10.54	32.55 1.28 -13.01	27.21 0.81 -15.81	23.15 0.40 -16.77
ASTORIA_GT4_2 24103	25.14 1.45 0.00	21.87 1.16 0.00	20.70 0.99 0.00	20.41 0.97 0.00	20.09 0.94 0.00	23.56 1.08 0.00	37.78 2.18 -0.40	53.09 2.50 -11.45	42.46 2.09 -11.00	32.74 2.00 -4.06	29.16 1.83 -5.24	27.14 2.00 -2.45	27.23 1.80 -5.40	28.44 1.69 -6.87	32.67 1.43 -13.97	27.45 1.80 -5.17	30.96 2.22 -3.85	45.87 2.01 -19.40	62.96 1.55 -41.81	54.63 1.67 -32.41	34.59 1.66 -10.54	32.55 1.28 -13.01	27.21 0.81 -15.81	23.15 0.40 -16.77
ASTORIA_GT4_3 24104	25.14 1.45 0.00	21.87 1.16 0.00	20.70 0.99 0.00	20.41 0.97 0.00	20.09 0.94 0.00	23.56 1.08 0.00	37.78 2.18 -0.40	53.09 2.50 -11.45	42.46 2.09 -11.00	32.74 2.00 -4.06	29.16 1.83 -5.24	27.14 2.00 -2.45	27.23 1.80 -5.40	28.44 1.69 -6.87	32.67 1.43 -13.97	27.45 1.80 -5.17	30.96 2.22 -3.85	45.87 2.01 -19.40	62.96 1.55 -41.81	54.63 1.67 -32.41	34.59 1.66 -10.54	32.55 1.28 -13.01	27.21 0.81 -15.81	23.15 0.40 -16.77
ASTORIA_GT4_4 24105	25.14 1.45 0.00	21.87 1.16 0.00	20.70 0.99 0.00	20.41 0.97 0.00	20.09 0.94 0.00	23.56 1.08 0.00	37.78 2.18 -0.40	53.09 2.50 -11.45	42.46 2.09 -11.00	32.74 2.00 -4.06	29.16 1.83 -5.24	27.14 2.00 -2.45	27.23 1.80 -5.40	28.44 1.69 -6.87	32.67 1.43 -13.97	27.45 1.80 -5.17	30.96 2.22 -3.85	45.87 2.01 -19.40	62.96 1.55 -41.81	54.63 1.67 -32.41	34.59 1.66 -10.54	32.55 1.28 -13.01	27.21 0.81 -15.81	23.15 0.40 -16.77
ASTORIA_GT_1 23523	25.16 1.47 0.00	21.89 1.18 0.00	20.72 1.00 0.00	20.43 0.99 0.00	20.13 0.98 0.00	23.57 1.10 0.01	37.91 2.32 -0.39	53.12 2.54 -11.44	42.51 2.14 -10.99	32.73 2.00 -4.05	29.20 1.88 -5.23	27.15 2.02 -2.45	27.25 1.82 -5.40	28.48 1.73 -6.87	32.71 1.47 -13.97	27.47 1.82 -5.17	31.01 2.27 -3.86	45.96 2.08 -19.42	63.04 1.59 -41.86	54.62 1.69 -32.38	34.59 1.68 -10.53	32.56 1.32 -12.99	27.20 0.83 -15.79	23.13 0.41 -16.74

ASTORIA_GT_10 24110	25.09 1.40 0.00	21.85 1.14 0.00	20.70 0.99 0.00	20.41 0.97 0.00	20.13 0.98 0.00	23.65 1.17 0.00	37.92 2.32 -0.40	53.25 2.66 -11.45	42.55 2.17 -11.00	32.82 2.08 -4.06	29.19 1.86 -5.24	27.11 1.97 -2.45	27.22 1.76 -5.43	26.67 1.67 -5.13	27.10 1.42 -8.42	27.50 1.78 -5.24	30.94 2.19 -3.85	45.92 2.05 -19.40	63.00 1.59 -41.81	54.65 1.69 -32.41	34.65 1.72 -10.54	32.62 1.35 -13.01	27.23 0.84 -15.81	23.16 0.41 -16.77
ASTORIA_GT_11 24225	25.09 1.40 0.00	21.85 1.14 0.00	20.70 0.99 0.00	20.41 0.97 0.00	20.13 0.98 0.00	23.65 1.17 0.00	37.92 2.32 -0.40	53.25 2.66 -11.45	42.55 2.17 -11.00	32.82 2.08 -4.06	29.19 1.86 -5.24	27.11 1.97 -2.45	27.22 1.76 -5.43	26.67 1.67 -5.13	27.10 1.42 -8.42	27.50 1.78 -5.24	30.94 2.19 -3.85	45.92 2.05 -19.40	63.00 1.59 -41.81	54.65 1.69 -32.41	34.65 1.72 -10.54	32.62 1.35 -13.01	27.23 0.84 -15.81	23.16 0.41 -16.77
ASTORIA_GT_12 24226	25.09 1.40 0.00	21.85 1.14 0.00	20.70 0.99 0.00	20.41 0.97 0.00	20.13 0.98 0.00	23.65 1.17 0.00	37.92 2.32 -0.40	53.25 2.66 -11.45	42.55 2.17 -11.00	32.82 2.08 -4.06	29.19 1.86 -5.24	27.11 1.97 -2.45	27.22 1.76 -5.43	26.67 1.67 -5.13	27.10 1.42 -8.42	27.50 1.78 -5.24	30.94 2.19 -3.85	45.92 2.05 -19.40	63.00 1.59 -41.81	54.65 1.69 -32.41	34.65 1.72 -10.54	32.62 1.35 -13.01	27.23 0.84 -15.81	23.16 0.41 -16.77
ASTORIA_GT_13 24227	25.09 1.40 0.00	21.85 1.14 0.00	20.70 0.99 0.00	20.41 0.97 0.00	20.13 0.98 0.00	23.65 1.17 0.00	37.92 2.32 -0.40	53.25 2.66 -11.45	42.55 2.17 -11.00	32.82 2.08 -4.06	29.19 1.86 -5.24	27.11 1.97 -2.45	27.22 1.76 -5.43	26.67 1.67 -5.13	27.10 1.42 -8.42	27.50 1.78 -5.24	30.94 2.19 -3.85	45.92 2.05 -19.40	63.00 1.59 -41.81	54.65 1.69 -32.41	34.65 1.72 -10.54	32.62 1.35 -13.01	27.23 0.84 -15.81	23.16 0.41 -16.77
ASTORIA_GT_5 24106	25.16 1.47 0.00	21.89 1.18 0.00	20.72 1.00 0.00	20.43 0.99 0.00	20.13 0.98 0.00	23.57 1.10 0.01	37.91 2.32 -0.39	53.12 2.54 -11.44	42.51 2.14 -10.99	32.73 2.00 -4.05	29.20 1.88 -5.23	27.15 2.02 -2.45	27.25 1.82 -5.40	28.48 1.73 -6.87	32.71 1.47 -13.97	27.47 1.82 -5.17	31.01 2.27 -3.86	45.96 2.08 -19.42	63.04 1.59 -41.86	54.62 1.69 -32.38	34.59 1.68 -10.53	32.56 1.32 -12.99	27.20 0.83 -15.79	23.13 0.41 -16.74
ASTORIA_GT_7 24107	25.16 1.47 0.00	21.89 1.18 0.00	20.72 1.00 0.00	20.43 0.99 0.00	20.13 0.98 0.00	23.57 1.10 0.01	37.91 2.32 -0.39	53.12 2.54 -11.44	42.51 2.14 -10.99	32.73 2.00 -4.05	29.20 1.88 -5.23	27.15 2.02 -2.45	27.25 1.82 -5.40	28.48 1.73 -6.87	32.71 1.47 -13.97	27.47 1.82 -5.17	31.01 2.27 -3.86	45.96 2.08 -19.42	63.04 1.59 -41.86	54.62 1.69 -32.38	34.59 1.68 -10.53	32.56 1.32 -12.99	27.20 0.83 -15.79	23.13 0.41 -16.74
ASTORIA_GT_8 24108	25.16 1.47 0.00	21.89 1.18 0.00	20.72 1.01 0.00	20.43 0.99 0.00	20.13 0.98 0.00	23.58 1.10 0.00	37.85 2.25 -0.40	53.17 2.58 -11.45	42.52 2.14 -11.00	32.76 2.03 -4.06	29.21 1.88 -5.24	27.18 2.04 -2.45	27.25 1.82 -5.40	28.48 1.73 -6.87	32.71 1.47 -13.97	27.49 1.84 -5.17	31.01 2.27 -3.85	45.92 2.05 -19.40	63.00 1.59 -41.81	54.65 1.69 -32.41	34.63 1.70 -10.54	32.59 1.31 -13.01	27.22 0.83 -15.81	23.16 0.41 -16.77
ASTORIA___2 24149	25.14 1.45 0.00	21.87 1.16 0.00	20.70 0.99 0.00	20.41 0.97 0.00	20.09 0.94 0.00	23.55 1.08 0.01	37.84 2.25 -0.39	53.05 2.47 -11.44	42.45 2.09 -10.99	32.67 1.95 -4.05	29.18 1.86 -5.23	27.11 1.97 -2.45	27.21 1.78 -5.40	28.44 1.69 -6.87	32.67 1.43 -13.97	27.43 1.78 -5.17	30.96 2.21 -3.86	45.91 2.03 -19.42	63.00 1.55 -41.86	54.58 1.65 -32.38	34.57 1.66 -10.53	32.53 1.28 -12.99	27.19 0.81 -15.79	23.12 0.40 -16.74
ASTORIA___3 23516	25.09 1.40 0.00	21.85 1.14 0.00	20.70 0.99 0.00	20.41 0.97 0.00	20.13 0.98 0.00	23.64 1.17 0.01	37.95 2.36 -0.39	53.24 2.66 -11.44	42.55 2.17 -11.00	32.79 2.05 -4.05	29.19 1.86 -5.24	27.11 1.97 -2.45	27.24 1.78 -5.43	26.67 1.67 -5.13	27.10 1.42 -8.42	27.48 1.76 -5.24	30.95 2.19 -3.86	45.97 2.08 -19.43	63.05 1.59 -41.87	54.63 1.69 -32.38	34.64 1.72 -10.53	32.61 1.35 -13.00	27.21 0.84 -15.79	23.13 0.41 -16.74
ASTORIA___4 23517	25.09 1.40 0.00	21.85 1.14 0.00	20.70 0.99 0.00	20.41 0.97 0.00	20.13 0.98 0.00	23.65 1.17 0.00	37.92 2.32 -0.40	53.25 2.66 -11.45	42.55 2.17 -11.00	32.82 2.08 -4.06	29.19 1.86 -5.24	27.11 1.97 -2.45	27.22 1.76 -5.43	26.67 1.67 -5.13	27.10 1.42 -8.42	27.50 1.78 -5.24	30.94 2.19 -3.85	45.92 2.05 -19.40	63.00 1.59 -41.81	54.65 1.69 -32.41	34.65 1.72 -10.54	32.62 1.35 -13.01	27.23 0.84 -15.81	23.16 0.41 -16.77
ASTORIA___5 23518	25.09 1.40 0.00	21.85 1.14 0.00	20.70 0.99 0.00	20.41 0.97 0.00	20.13 0.98 0.00	23.64 1.17 0.01	37.95 2.36 -0.39	53.24 2.66 -11.44	42.55 2.17 -11.00	32.79 2.05 -4.05	29.19 1.86 -5.24	27.11 1.97 -2.45	27.24 1.78 -5.43	26.67 1.67 -5.13	27.10 1.42 -8.42	27.48 1.76 -5.24	30.95 2.19 -3.86	45.97 2.08 -19.43	63.05 1.59 -41.87	54.63 1.69 -32.38	34.64 1.72 -10.53	32.61 1.35 -13.00	27.21 0.84 -15.79	23.13 0.41 -16.74
AST_ENERGY_2_CC3 323677	25.12 1.42 0.00	21.91 1.20 0.00	20.78 1.06 0.00	20.51 1.07 0.00	20.22 1.07 0.00	23.78 1.30 0.00	38.20 2.60 -0.40	53.52 2.94 -11.45	42.70 2.32 -11.00	32.92 2.19 -4.05	29.27 1.94 -5.24	27.18 2.04 -2.45	27.28 1.84 -5.41	26.64 1.77 -5.00	26.97 1.50 -8.20	27.50 1.84 -5.18	31.02 2.27 -3.86	46.07 2.18 -19.43	63.16 1.70 -41.86	54.77 1.83 -32.38	34.78 1.86 -10.54	32.72 1.46 -13.00	27.24 0.87 -15.79	23.16 0.44 -16.74
AST_ENERGY_2_CC4 323678	25.12 1.42 0.00	21.91 1.20 0.00	20.78 1.06 0.00	20.51 1.07 0.00	20.22 1.07 0.00	23.78 1.30 0.00	38.20 2.60 -0.40	53.52 2.94 -11.45	42.70 2.32 -11.00	32.92 2.19 -4.05	29.27 1.94 -5.24	27.18 2.04 -2.45	27.28 1.84 -5.41	26.64 1.77 -5.00	26.97 1.50 -8.20	27.50 1.84 -5.18	31.02 2.27 -3.86	46.07 2.18 -19.43	63.16 1.70 -41.86	54.77 1.83 -32.38	34.78 1.86 -10.54	32.72 1.46 -13.00	27.24 0.87 -15.79	23.16 0.44 -16.74
ATHENS_STG_1 23668	24.47 0.78 0.00	21.37 0.66 0.00	20.35 0.63 0.00	20.08 0.64 0.00	19.80 0.65 0.00	23.24 0.76 0.00	37.11 1.51 -0.41	52.22 1.68 -11.40	42.04 1.26 -11.40	31.96 1.17 -4.11	28.59 1.02 -5.48	26.23 1.07 -2.48	25.95 0.96 -4.96	21.05 0.93 -0.24	18.30 0.79 -0.24	24.37 0.96 -2.93	29.91 1.15 -3.87	45.89 1.08 -20.35	64.60 0.84 -44.16	55.64 0.93 -34.15	34.51 1.01 -11.12	32.93 0.77 -13.91	28.26 0.45 -17.22	24.64 0.25 -18.40
ATHENS_STG_2 23670	24.47 0.78 0.00	21.37 0.66 0.00	20.35 0.63 0.00	20.08 0.64 0.00	19.80 0.65 0.00	23.24 0.76 0.00	37.11 1.51 -0.41	52.22 1.68 -11.40	42.04 1.26 -11.40	31.96 1.17 -4.11	28.59 1.02 -5.48	26.23 1.07 -2.48	25.95 0.96 -4.96	21.05 0.93 -0.24	18.30 0.79 -0.24	24.37 0.96 -2.93	29.91 1.15 -3.87	45.89 1.08 -20.35	64.60 0.84 -44.16	55.64 0.93 -34.15	34.51 1.01 -11.12	32.93 0.77 -13.91	28.26 0.45 -17.22	24.64 0.25 -18.40

ATHENS_STG_3 23677	24.47 0.78 0.00	21.37 0.66 0.00	20.35 0.63 0.00	20.08 0.64 0.00	19.80 0.65 0.00	23.24 0.76 0.00	37.11 1.51 -0.41	52.22 1.68 -11.40	42.04 1.26 -11.40	31.96 1.17 -4.11	28.59 1.02 -5.48	26.23 1.07 -2.48	25.95 0.96 -4.96	21.05 0.93 -0.24	18.30 0.79 -0.24	24.37 0.96 -2.93	29.91 1.15 -3.87	45.89 1.08 -20.35	64.60 0.84 -44.16	55.64 0.93 -34.15	34.51 1.01 -11.12	32.93 0.77 -13.91	28.26 0.45 -17.22	24.64 0.25 -18.40
AUBURN____LFGE 323710	24.33 0.64 0.00	21.23 0.52 0.00	20.21 0.49 0.00	19.89 0.45 0.00	19.57 0.42 0.00	23.06 0.58 0.00	36.13 0.84 -0.09	42.71 1.02 -2.56	32.74 0.76 -2.60	28.36 0.75 -0.93	24.01 0.66 -1.26	23.81 0.57 -0.56	21.72 0.54 -1.14	20.37 0.44 -0.06	17.70 0.38 -0.06	21.71 0.55 -0.68	26.44 0.67 -0.87	29.86 0.73 -4.67	30.39 0.65 -10.15	29.18 0.76 -7.86	25.84 0.90 -2.56	22.10 0.62 -3.22	14.94 0.34 -4.02	10.50 0.20 -4.31
BABYLON_RES_REC 323704	25.65 1.94 -0.01	22.29 1.57 -0.01	21.10 1.38 0.00	21.12 1.50 -0.19	23.14 1.47 -2.52	24.33 1.84 -0.01	39.12 3.52 -0.41	53.64 3.05 -11.45	42.75 2.38 -11.00	33.31 2.56 -4.06	30.57 2.41 -6.08	30.47 2.38 -5.40	30.27 2.36 -7.87	31.26 1.73 -9.66	34.68 1.40 -16.02	27.93 2.13 -5.32	31.85 2.81 -4.15	46.48 2.59 -19.43	64.02 2.08 -42.35	55.42 2.24 -32.62	35.61 2.24 -10.98	33.24 1.72 -13.27	31.02 1.02 -19.42	27.74 0.57 -21.19
BABYLON__69_KV_BK2 356345	25.87 2.18 0.00	22.49 1.78 0.00	21.29 1.58 0.00	21.29 1.67 -0.18	23.31 1.65 -2.51	24.57 2.09 0.00	39.08 3.48 -0.40	53.87 3.29 -11.45	42.93 2.56 -11.00	33.57 2.83 -4.06	30.73 2.56 -6.08	30.69 2.61 -5.39	30.34 2.44 -7.87	31.55 1.93 -9.75	35.13 1.55 -16.31	28.19 2.40 -5.32	32.31 2.89 -4.53	46.53 2.67 -19.40	64.66 2.10 -42.97	55.76 2.24 -32.96	36.44 2.46 -11.60	33.68 1.75 -13.67	31.39 1.06 -19.75	27.83 0.63 -21.21
BALL_HILL_WT_PWR 323825	24.17 0.47 0.00	21.21 0.50 0.00	20.25 0.53 0.00	19.87 0.43 0.00	19.40 0.25 0.00	22.79 0.31 0.00	34.56 -0.74 -0.11	40.85 -1.25 -2.96	31.60 -0.79 -3.02	27.44 -0.32 -1.08	23.30 -0.24 -1.46	23.50 0.16 -0.65	21.30 -0.06 -1.32	20.00 0.06 -0.07	17.40 0.07 -0.06	21.18 -0.08 -0.79	25.55 -0.35 -1.01	29.31 -0.56 -5.41	30.82 -0.55 -11.78	29.20 -0.25 -8.88	25.05 -0.22 -2.89	21.71 -0.18 -3.64	15.17 0.04 -4.54	10.99 0.13 -4.87
BARON_WINDS____WT_PWR 323822	24.31 0.62 0.00	21.27 0.56 0.00	20.27 0.55 0.00	19.92 0.49 0.00	19.51 0.36 0.00	22.95 0.47 0.00	35.28 -0.04 -0.12	42.37 -0.23 -3.47	32.82 -0.09 -3.53	28.13 0.19 -1.26	23.88 0.09 -1.70	23.81 0.36 -0.76	21.72 0.14 -1.55	20.19 0.24 -0.08	17.55 0.21 -0.07	21.54 0.14 -0.92	26.15 0.07 -1.18	30.76 -0.02 -6.33	33.29 -0.08 -13.77	31.24 0.14 -10.54	25.99 0.18 -3.43	22.68 0.11 -4.32	16.10 0.13 -5.39	11.90 0.14 -5.78
BARRETT_IC_1 23704	25.27 1.56 -0.01	22.02 1.31 -0.01	20.84 1.12 0.00	20.87 1.25 -0.19	22.91 1.24 -2.52	23.99 1.51 -0.01	38.38 2.78 -0.41	53.13 2.54 -11.45	42.37 2.00 -11.00	32.88 2.14 -4.06	30.13 1.97 -6.08	30.13 2.04 -5.40	29.91 2.00 -7.87	31.35 1.67 -9.81	35.09 1.35 -16.48	27.62 1.82 -5.32	31.04 2.29 -3.86	45.99 2.10 -19.43	63.14 1.69 -41.86	54.77 1.83 -32.38	34.81 1.88 -10.54	32.69 1.44 -13.00	30.68 0.89 -19.20	27.64 0.47 -21.19
BARRETT_IC_10 23701	25.27 1.56 -0.01	22.02 1.31 -0.01	20.84 1.12 0.00	20.87 1.25 -0.19	22.91 1.24 -2.52	23.99 1.51 -0.01	38.38 2.78 -0.41	53.13 2.54 -11.45	42.37 2.00 -11.00	32.88 2.14 -4.06	30.13 1.97 -6.08	30.13 2.04 -5.40	29.93 2.00 -7.89	31.35 1.67 -9.81	35.09 1.35 -16.48	27.62 1.82 -5.32	31.04 2.29 -3.86	45.99 2.10 -19.43	63.14 1.69 -41.86	54.77 1.83 -32.38	34.81 1.88 -10.54	32.69 1.44 -13.00	30.68 0.89 -19.20	27.64 0.47 -21.19
BARRETT_IC_11 23702	25.27 1.56 -0.01	22.02 1.31 -0.01	20.84 1.12 0.00	20.87 1.25 -0.19	22.91 1.24 -2.52	23.99 1.51 -0.01	38.38 2.78 -0.41	53.13 2.54 -11.45	42.37 2.00 -11.00	32.88 2.14 -4.06	30.13 1.97 -6.08	30.13 2.04 -5.40	29.93 2.00 -7.89	31.35 1.67 -9.81	35.09 1.35 -16.48	27.62 1.82 -5.32	31.04 2.29 -3.86	45.99 2.10 -19.43	63.14 1.69 -41.86	54.77 1.83 -32.38	34.81 1.88 -10.54	32.69 1.44 -13.00	30.68 0.89 -19.20	27.64 0.47 -21.19
BARRETT_IC_12 23703	25.27 1.56 -0.01	22.02 1.31 -0.01	20.84 1.12 0.00	20.87 1.25 -0.19	22.91 1.24 -2.52	23.99 1.51 -0.01	38.38 2.78 -0.41	53.13 2.54 -11.45	42.37 2.00 -11.00	32.88 2.14 -4.06	30.13 1.97 -6.08	30.13 2.04 -5.40	29.93 2.00 -7.89	31.35 1.67 -9.81	35.09 1.35 -16.48	27.62 1.82 -5.32	31.04 2.29 -3.86	45.99 2.10 -19.43	63.14 1.69 -41.86	54.77 1.83 -32.38	34.81 1.88 -10.54	32.69 1.44 -13.00	30.68 0.89 -19.20	27.64 0.47 -21.19
BARRETT_IC_2 23705	25.27 1.56 -0.01	22.02 1.31 -0.01	20.84 1.12 0.00	20.87 1.25 -0.19	22.91 1.24 -2.52	23.99 1.51 -0.01	38.38 2.78 -0.41	53.13 2.54 -11.45	42.37 2.00 -11.00	32.88 2.14 -4.06	30.13 1.97 -6.08	30.13 2.04 -5.40	29.91 2.00 -7.87	31.35 1.67 -9.81	35.09 1.35 -16.48	27.62 1.82 -5.32	31.04 2.29 -3.86	45.99 2.10 -19.43	63.14 1.69 -41.86	54.77 1.83 -32.38	34.81 1.88 -10.54	32.69 1.44 -13.00	30.68 0.89 -19.20	27.64 0.47 -21.19
BARRETT_IC_3 23706	25.27 1.56 -0.01	22.02 1.31 -0.01	20.84 1.12 0.00	20.87 1.25 -0.19	22.91 1.24 -2.52	23.99 1.51 -0.01	38.38 2.78 -0.41	53.13 2.54 -11.45	42.37 2.00 -11.00	32.88 2.14 -4.06	30.13 1.97 -6.08	30.13 2.04 -5.40	29.91 2.00 -7.87	31.35 1.67 -9.81	35.09 1.35 -16.48	27.62 1.82 -5.32	31.04 2.29 -3.86	45.99 2.10 -19.43	63.14 1.69 -41.86	54.77 1.83 -32.38	34.81 1.88 -10.54	32.69 1.44 -13.00	30.68 0.89 -19.20	27.64 0.47 -21.19
BARRETT_IC_4 23707	25.27 1.56 -0.01	22.02 1.31 -0.01	20.84 1.12 0.00	20.87 1.25 -0.19	22.91 1.24 -2.52	23.99 1.51 -0.01	38.38 2.78 -0.41	53.13 2.54 -11.45	42.37 2.00 -11.00	32.88 2.14 -4.06	30.13 1.97 -6.08	30.13 2.04 -5.40	29.91 2.00 -7.87	31.35 1.67 -9.81	35.09 1.35 -16.48	27.62 1.82 -5.32	31.04 2.29 -3.86	45.99 2.10 -19.43	63.14 1.69 -41.86	54.77 1.83 -32.38	34.81 1.88 -10.54	32.69 1.44 -13.00	30.68 0.89 -19.20	27.64 0.47 -21.19
BARRETT_IC_5 23708	25.27 1.56 -0.01	22.02 1.31 -0.01	20.84 1.12 0.00	20.87 1.25 -0.19	22.91 1.24 -2.52	23.99 1.51 -0.01	38.38 2.78 -0.41	53.13 2.54 -11.45	42.37 2.00 -11.00	32.88 2.14 -4.06	30.13 1.97 -6.08	30.13 2.04 -5.40	29.91 2.00 -7.87	31.35 1.67 -9.81	35.09 1.35 -16.48	27.62 1.82 -5.32	31.04 2.29 -3.86	45.99 2.10 -19.43	63.14 1.69 -41.86	54.77 1.83 -32.38	34.81 1.88 -10.54	32.69 1.44 -13.00	30.68 0.89 -19.20	27.64 0.47 -21.19
BARRETT_IC_6 23709	25.27 1.56 -0.01	22.02 1.31 -0.01	20.84 1.12 0.00	20.87 1.25 -0.19	22.91 1.24 -2.52	23.99 1.51 -0.01	38.38 2.78 -0.41	53.13 2.54 -11.45	42.37 2.00 -11.00	32.88 2.14 -4.06	30.13 1.97 -6.08	30.13 2.04 -5.40	29.91 2.00 -7.87	31.35 1.67 -9.81	35.09 1.35 -16.48	27.62 1.82 -5.32	31.04 2.29 -3.86	45.99 2.10 -19.43	63.14 1.69 -41.86	54.77 1.83 -32.38	34.81 1.88 -10.54	32.69 1.44 -13.00	30.68 0.89 -19.20	27.64 0.47 -21.19

BARRETT_IC_7 23710	25.26 1.56 0.00	22.01 1.30 0.00	20.84 1.12 0.00	20.86 1.24 -0.18	22.90 1.24 -2.51	23.98 1.51 0.00	38.16 2.57 -0.40	53.09 2.50 -11.45	42.31 1.94 -11.00	32.90 2.16 -4.05	30.15 1.99 -6.07	30.12 2.04 -5.39	29.82 1.92 -7.86	31.33 1.65 -9.81	35.08 1.33 -16.48	27.70 1.90 -5.32	31.02 2.29 -3.84	45.89 2.03 -19.40	63.06 1.67 -41.80	54.77 1.81 -32.40	34.85 1.93 -10.54	32.71 1.44 -13.01	30.70 0.89 -19.22	27.67 0.47 -21.21
BARRETT_IC_8 23711	25.27 1.56 -0.01	22.02 1.31 -0.01	20.84 1.12 0.00	20.87 1.25 -0.19	22.91 1.24 -2.52	23.99 1.51 -0.01	38.38 2.78 -0.41	53.13 2.54 -11.45	42.37 2.00 -11.00	32.88 2.14 -4.06	30.13 1.97 -6.08	30.13 2.04 -5.40	29.91 2.00 -7.87	31.35 1.67 -9.81	35.09 1.35 -16.48	27.62 1.82 -5.32	31.04 2.29 -3.86	45.99 2.10 -19.43	63.14 1.69 -41.86	54.77 1.83 -32.38	34.81 1.88 -10.54	32.69 1.44 -13.00	30.68 0.89 -19.20	27.64 0.47 -21.19
BARRETT_IC_9 23700	25.27 1.56 -0.01	22.02 1.31 -0.01	20.84 1.12 0.00	20.87 1.25 -0.19	22.91 1.24 -2.52	23.99 1.51 -0.01	38.38 2.78 -0.41	53.13 2.54 -11.45	42.37 2.00 -11.00	32.88 2.14 -4.06	30.13 1.97 -6.08	30.13 2.04 -5.40	29.93 2.00 -7.89	31.35 1.67 -9.81	35.09 1.35 -16.48	27.62 1.82 -5.32	31.04 2.29 -3.86	45.99 2.10 -19.43	63.14 1.69 -41.86	54.77 1.83 -32.38	34.81 1.88 -10.54	32.69 1.44 -13.00	30.68 0.89 -19.20	27.64 0.47 -21.19
BARRETT___1 23545	25.27 1.56 -0.01	22.02 1.31 -0.01	20.84 1.12 0.00	20.87 1.25 -0.19	22.91 1.24 -2.52	23.99 1.51 -0.01	38.38 2.78 -0.41	53.13 2.54 -11.45	42.37 2.00 -11.00	32.88 2.14 -4.06	30.13 1.97 -6.08	30.13 2.04 -5.40	29.91 2.00 -7.87	31.35 1.67 -9.81	35.09 1.35 -16.48	27.62 1.82 -5.32	31.04 2.29 -3.86	45.99 2.10 -19.43	63.14 1.69 -41.86	54.77 1.83 -32.38	34.81 1.88 -10.54	32.69 1.44 -13.00	30.68 0.89 -19.20	27.64 0.47 -21.19
BARRETT___2 23546	25.27 1.56 -0.01	22.02 1.31 -0.01	20.84 1.12 0.00	20.87 1.25 -0.19	22.91 1.24 -2.52	23.99 1.51 -0.01	38.38 2.78 -0.41	53.13 2.54 -11.45	42.37 2.00 -11.00	32.88 2.14 -4.06	30.13 1.97 -6.08	30.13 2.04 -5.40	29.93 2.00 -7.89	31.35 1.67 -9.81	35.09 1.35 -16.48	27.62 1.82 -5.32	31.04 2.29 -3.86	45.99 2.10 -19.43	63.14 1.69 -41.86	54.77 1.83 -32.38	34.81 1.88 -10.54	32.69 1.44 -13.00	30.68 0.89 -19.20	27.64 0.47 -21.19
BATAVIA___115KV_TB1 55881	24.29 0.59 0.00	21.27 0.56 0.00	20.31 0.59 0.00	19.98 0.54 0.00	19.51 0.36 0.00	22.93 0.45 0.00	35.57 0.28 -0.09	41.64 -0.16 -2.66	32.11 0.03 -2.71	27.89 0.24 -0.96	23.61 0.22 -1.31	23.63 0.36 -0.58	21.48 0.26 -1.19	20.17 0.24 -0.06	17.69 0.36 -0.06	21.37 0.18 -0.71	25.90 0.10 -0.91	29.32 0.00 -4.86	30.08 -0.08 -10.57	28.98 0.25 -8.17	25.38 0.34 -2.66	21.90 0.29 -3.35	15.03 0.26 -4.18	10.74 0.27 -4.48
BAYONEEC___CTG1 323682	25.09 1.40 0.00	21.87 1.16 0.00	20.74 1.02 0.00	20.49 1.05 0.00	20.20 1.05 0.00	23.76 1.28 0.00	38.16 2.57 -0.40	53.48 2.90 -11.45	42.67 2.29 -11.00	32.92 2.19 -4.05	29.27 1.94 -5.24	27.18 2.04 -2.45	27.26 1.82 -5.41	26.62 1.75 -5.00	26.96 1.49 -8.20	27.50 1.84 -5.18	31.02 2.27 -3.86	46.04 2.15 -19.43	63.15 1.69 -41.86	54.75 1.81 -32.38	34.76 1.84 -10.54	32.70 1.44 -13.00	27.23 0.86 -15.79	23.15 0.43 -16.74
BAYONEEC___CTG10 323750	25.09 1.40 0.00	21.87 1.16 0.00	20.74 1.02 0.00	20.49 1.05 0.00	20.20 1.05 0.00	23.76 1.28 0.00	38.16 2.57 -0.40	53.48 2.90 -11.45	42.67 2.29 -11.00	32.92 2.19 -4.05	29.27 1.94 -5.24	27.18 2.04 -2.45	27.26 1.82 -5.41	26.62 1.75 -5.00	26.96 1.49 -8.20	27.50 1.84 -5.18	31.02 2.27 -3.86	46.04 2.15 -19.43	63.15 1.69 -41.86	54.75 1.81 -32.38	34.76 1.84 -10.54	32.70 1.44 -13.00	27.23 0.86 -15.79	23.15 0.43 -16.74
BAYONEEC___CTG2 323683	25.09 1.40 0.00	21.87 1.16 0.00	20.74 1.02 0.00	20.49 1.05 0.00	20.20 1.05 0.00	23.76 1.28 0.00	38.16 2.57 -0.40	53.48 2.90 -11.45	42.67 2.29 -11.00	32.92 2.19 -4.05	29.27 1.94 -5.24	27.18 2.04 -2.45	27.26 1.82 -5.41	26.62 1.75 -5.00	26.96 1.49 -8.20	27.50 1.84 -5.18	31.02 2.27 -3.86	46.04 2.15 -19.43	63.15 1.69 -41.86	54.75 1.81 -32.38	34.76 1.84 -10.54	32.70 1.44 -13.00	27.23 0.86 -15.79	23.15 0.43 -16.74
BAYONEEC___CTG3 323684	25.09 1.40 0.00	21.87 1.16 0.00	20.74 1.02 0.00	20.49 1.05 0.00	20.20 1.05 0.00	23.76 1.28 0.00	38.16 2.57 -0.40	53.48 2.90 -11.45	42.67 2.29 -11.00	32.92 2.19 -4.05	29.27 1.94 -5.24	27.18 2.04 -2.45	27.26 1.82 -5.41	26.62 1.75 -5.00	26.96 1.49 -8.20	27.50 1.84 -5.18	31.02 2.27 -3.86	46.04 2.15 -19.43	63.15 1.69 -41.86	54.75 1.81 -32.38	34.76 1.84 -10.54	32.70 1.44 -13.00	27.23 0.86 -15.79	23.15 0.43 -16.74
BAYONEEC___CTG4 323685	25.09 1.40 0.00	21.87 1.16 0.00	20.74 1.02 0.00	20.49 1.05 0.00	20.20 1.05 0.00	23.76 1.28 0.00	38.16 2.57 -0.40	53.48 2.90 -11.45	42.67 2.29 -11.00	32.92 2.19 -4.05	29.27 1.94 -5.24	27.18 2.04 -2.45	27.26 1.82 -5.41	26.62 1.75 -5.00	26.96 1.49 -8.20	27.50 1.84 -5.18	31.02 2.27 -3.86	46.04 2.15 -19.43	63.15 1.69 -41.86	54.75 1.81 -32.38	34.76 1.84 -10.54	32.70 1.44 -13.00	27.23 0.86 -15.79	23.15 0.43 -16.74
BAYONEEC___CTG5 323686	25.09 1.40 0.00	21.87 1.16 0.00	20.74 1.02 0.00	20.49 1.05 0.00	20.20 1.05 0.00	23.76 1.28 0.00	38.16 2.57 -0.40	53.48 2.90 -11.45	42.67 2.29 -11.00	32.92 2.19 -4.05	29.27 1.94 -5.24	27.18 2.04 -2.45	27.26 1.82 -5.41	26.62 1.75 -5.00	26.96 1.49 -8.20	27.50 1.84 -5.18	31.02 2.27 -3.86	46.04 2.15 -19.43	63.15 1.69 -41.86	54.75 1.81 -32.38	34.76 1.84 -10.54	32.70 1.44 -13.00	27.23 0.86 -15.79	23.15 0.43 -16.74
BAYONEEC___CTG6 323687	25.09 1.40 0.00	21.87 1.16 0.00	20.74 1.02 0.00	20.49 1.05 0.00	20.20 1.05 0.00	23.76 1.28 0.00	38.16 2.57 -0.40	53.48 2.90 -11.45	42.67 2.29 -11.00	32.92 2.19 -4.05	29.27 1.94 -5.24	27.18 2.04 -2.45	27.26 1.82 -5.41	26.62 1.75 -5.00	26.96 1.49 -8.20	27.50 1.84 -5.18	31.02 2.27 -3.86	46.04 2.15 -19.43	63.15 1.69 -41.86	54.75 1.81 -32.38	34.76 1.84 -10.54	32.70 1.44 -13.00	27.23 0.86 -15.79	23.15 0.43 -16.74
BAYONEEC___CTG7 323688	25.09 1.40 0.00	21.87 1.16 0.00	20.74 1.02 0.00	20.49 1.05 0.00	20.20 1.05 0.00	23.76 1.28 0.00	38.16 2.57 -0.40	53.48 2.90 -11.45	42.67 2.29 -11.00	32.92 2.19 -4.05	29.27 1.94 -5.24	27.18 2.04 -2.45	27.26 1.82 -5.41	26.62 1.75 -5.00	26.96 1.49 -8.20	27.50 1.84 -5.18	31.02 2.27 -3.86	46.04 2.15 -19.43	63.15 1.69 -41.86	54.75 1.81 -32.38	34.76 1.84 -10.54	32.70 1.44 -13.00	27.23 0.86 -15.79	23.15 0.43 -16.74
BAYONEEC___CTG8 323689	25.09 1.40 0.00	21.87 1.16 0.00	20.74 1.02 0.00	20.49 1.05 0.00	20.20 1.05 0.00	23.76 1.28 0.00	38.16 2.57 -0.40	53.48 2.90 -11.45	42.67 2.29 -11.00	32.92 2.19 -4.05	29.27 1.94 -5.24	27.18 2.04 -2.45	27.26 1.82 -5.41	26.62 1.75 -5.00	26.96 1.49 -8.20	27.50 1.84 -5.18	31.02 2.27 -3.86	46.04 2.15 -19.43	63.15 1.69 -41.86	54.75 1.81 -32.38	34.76 1.84 -10.54	32.70 1.44 -13.00	27.23 0.86 -15.79	23.15 0.43 -16.74

BAYONEEC___CTG9 323749	25.09 1.40 0.00	21.87 1.16 0.00	20.74 1.02 0.00	20.49 1.05 0.00	20.20 1.05 0.00	23.76 1.28 0.00	38.16 2.57 -0.40	53.48 2.90 -11.45	42.67 2.29 -11.00	32.92 2.19 -4.05	29.27 1.94 -5.24	27.18 2.04 -2.45	27.26 1.82 -5.41	26.62 1.75 -5.00	26.96 1.49 -8.20	27.50 1.84 -5.18	31.02 2.27 -3.86	46.04 2.15 -19.43	63.15 1.69 -41.86	54.75 1.81 -32.38	34.76 1.84 -10.54	32.70 1.44 -13.00	27.23 0.86 -15.79	23.15 0.43 -16.74
BEACON___LESR 323632	24.47 0.78 0.00	21.43 0.72 0.00	20.35 0.63 0.00	20.06 0.62 0.00	19.80 0.65 0.00	23.31 0.83 0.00	37.20 1.62 -0.38	51.34 1.61 -10.59	41.97 1.03 -11.56	31.71 1.01 -4.02	28.36 0.64 -5.64	25.75 0.63 -2.43	25.75 0.52 -5.20	20.82 0.68 -0.27	18.13 0.60 -0.26	24.12 0.53 -3.11	29.45 0.82 -3.74	46.32 0.91 -20.96	66.26 0.74 -45.92	56.80 0.78 -35.46	34.79 0.85 -11.55	33.60 0.60 -14.74	29.67 0.36 -18.73	26.41 0.19 -20.24
BEAVER RIVER___HYD 24048	23.72 0.02 0.00	20.71 0.00 0.00	19.68 -0.04 0.00	19.40 -0.04 0.00	19.15 0.00 0.00	22.50 0.02 0.00	34.94 -0.28 -0.03	39.80 -0.16 -0.82	30.15 -0.06 -0.83	26.68 -0.29 -0.30	22.09 -0.40 -0.40	22.39 -0.48 -0.18	19.96 -0.44 -0.37	19.49 -0.40 -0.02	16.89 -0.40 -0.02	20.26 -0.43 -0.22	24.80 -0.37 -0.28	25.79 -0.17 -1.50	22.76 -0.10 -3.26	22.90 -0.19 -2.53	20.02 -0.25 2.12	16.72 -0.16 1.37	9.59 -0.25 0.74	6.43 -0.15 -0.60
BEEBEE_GT_13 23619	24.00 0.31 0.00	20.98 0.27 0.00	19.97 0.26 0.00	19.67 0.23 0.00	19.28 0.13 0.00	22.70 0.22 0.00	35.60 0.32 -0.09	41.73 0.16 -2.44	32.06 0.21 -2.48	27.88 0.32 -0.88	23.62 0.33 -1.20	23.61 0.39 -0.53	21.44 0.32 -1.09	20.15 0.22 -0.05	17.65 0.33 -0.05	21.41 0.29 -0.65	25.97 0.25 -0.83	29.13 0.22 -4.45	29.42 0.14 -9.68	28.36 0.31 -7.49	25.23 0.40 -2.44	21.64 0.31 -3.07	14.67 0.25 -3.83	10.30 0.20 -4.11
BENSHRST_27_KV_BENSHRST_1 355998	25.26 1.56 0.00	21.99 1.28 0.00	20.82 1.10 0.00	20.53 1.09 0.00	20.22 1.07 0.00	23.74 1.26 0.00	38.13 2.53 -0.40	53.52 2.94 -11.45	42.76 2.38 -11.00	33.00 2.27 -4.06	29.34 2.01 -5.24	27.27 2.13 -2.45	27.34 1.88 -5.43	26.79 1.79 -5.13	27.22 1.54 -8.42	27.64 1.92 -5.24	31.14 2.39 -3.85	46.09 2.23 -19.40	63.13 1.72 -41.81	54.82 1.85 -32.41	34.83 1.90 -10.54	32.75 1.48 -13.01	27.32 0.92 -15.81	23.20 0.44 -16.77
BETHLEHEM___GRP 23843	24.10 0.40 0.00	21.10 0.39 0.00	20.03 0.32 0.00	19.77 0.33 0.00	19.51 0.36 0.00	22.95 0.47 0.00	36.53 0.95 -0.39	50.64 0.82 -10.68	41.36 0.59 -11.40	31.20 0.59 -3.93	28.01 0.35 -5.57	25.39 0.32 -2.38	25.51 0.32 -5.16	20.58 0.44 -0.27	17.93 0.40 -0.26	23.88 0.31 -3.09	29.10 0.47 -3.73	45.93 0.51 -20.96	65.96 0.43 -45.93	56.51 0.45 -35.50	34.44 0.49 -11.57	33.33 0.31 -14.77	29.55 0.19 -18.78	26.36 0.09 -20.29
BETHLEHEM___GS1 323560	24.10 0.40 0.00	21.10 0.39 0.00	20.03 0.31 0.00	19.77 0.33 0.00	19.51 0.36 0.00	22.95 0.47 0.00	36.56 0.98 -0.39	50.64 0.82 -10.68	41.47 0.56 -11.54	31.32 0.64 -4.00	28.07 0.35 -5.63	25.47 0.36 -2.42	25.50 0.28 -5.19	20.58 0.44 -0.27	17.93 0.40 -0.26	23.87 0.29 -3.11	29.09 0.47 -3.72	45.91 0.51 -20.93	65.92 0.43 -45.89	56.45 0.45 -35.44	34.40 0.47 -11.55	33.31 0.31 -14.74	29.53 0.19 -18.75	26.35 0.09 -20.27
BETHLEHEM___GS2 323561	24.10 0.40 0.00	21.10 0.39 0.00	20.03 0.31 0.00	19.77 0.33 0.00	19.51 0.36 0.00	22.95 0.47 0.00	36.56 0.98 -0.39	50.64 0.82 -10.68	41.47 0.56 -11.54	31.32 0.64 -4.00	28.07 0.35 -5.63	25.47 0.36 -2.42	25.50 0.28 -5.19	20.58 0.44 -0.27	17.93 0.40 -0.26	23.87 0.29 -3.11	29.09 0.47 -3.72	45.91 0.51 -20.93	65.92 0.43 -45.89	56.45 0.45 -35.44	34.40 0.47 -11.55	33.31 0.31 -14.74	29.53 0.19 -18.75	26.35 0.09 -20.27
BETHLEHEM___GS3 323562	24.10 0.40 0.00	21.10 0.39 0.00	20.03 0.31 0.00	19.77 0.33 0.00	19.51 0.36 0.00	22.95 0.47 0.00	36.56 0.98 -0.39	50.64 0.82 -10.68	41.47 0.56 -11.54	31.32 0.64 -4.00	28.07 0.35 -5.63	25.47 0.36 -2.42	25.50 0.28 -5.19	20.58 0.44 -0.27	17.93 0.40 -0.26	23.87 0.29 -3.11	29.09 0.47 -3.72	45.91 0.51 -20.93	65.92 0.43 -45.89	56.45 0.45 -35.44	34.40 0.47 -11.55	33.31 0.31 -14.74	29.53 0.19 -18.75	26.35 0.09 -20.27
BETHLEHEM___STEEL 23779	24.05 0.36 0.00	21.12 0.41 0.00	20.17 0.45 0.00	19.79 0.35 0.00	19.32 0.17 0.00	22.70 0.22 0.00	34.63 -0.67 -0.10	40.57 -1.49 -2.92	31.41 -0.94 -2.97	27.23 -0.51 -1.06	23.17 -0.35 -1.43	23.19 -0.14 -0.64	21.22 -0.12 -1.30	19.86 -0.08 -0.07	17.33 0.00 -0.06	21.03 -0.23 -0.77	25.44 -0.45 -0.99	29.13 -0.66 -5.33	30.56 -0.63 -11.59	29.20 -0.33 -8.97	25.01 -0.29 -2.92	21.69 -0.24 -3.67	15.20 0.03 -4.59	11.03 0.13 -4.92
BETHLHEM_115KV_TB1 79974	24.17 0.47 0.00	21.14 0.43 0.00	20.09 0.37 0.00	19.83 0.39 0.00	19.55 0.40 0.00	22.99 0.52 0.00	36.60 1.02 -0.39	50.82 0.94 -10.74	41.50 0.68 -11.45	31.30 0.67 -3.96	28.12 0.44 -5.59	25.52 0.43 -2.40	25.60 0.40 -5.17	20.64 0.50 -0.27	17.98 0.45 -0.26	23.98 0.41 -3.10	29.22 0.57 -3.75	46.08 0.61 -21.01	66.11 0.49 -46.03	56.67 0.53 -35.58	34.56 0.58 -11.59	33.42 0.38 -14.78	29.59 0.23 -18.78	26.39 0.12 -20.28
BETHPAGE_CC_5 323564	25.57 1.87 -0.01	22.25 1.53 -0.01	21.06 1.34 0.00	21.09 1.46 -0.19	23.12 1.45 -2.52	24.26 1.78 -0.01	38.95 3.35 -0.41	53.56 2.97 -11.45	42.69 2.32 -11.00	33.22 2.48 -4.06	30.48 2.32 -6.08	30.42 2.34 -5.40	30.23 2.32 -7.87	30.49 1.73 -8.89	32.31 1.40 -13.65	27.93 2.13 -5.32	31.65 2.71 -4.04	46.41 2.52 -19.43	63.78 2.02 -42.17	55.27 2.18 -32.53	35.42 2.22 -10.82	33.12 1.70 -13.17	30.95 1.03 -19.34	27.73 0.55 -21.19
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	24.12 0.43 0.00	21.17 0.46 0.00	20.23 0.51 0.00	19.85 0.41 0.00	19.38 0.23 0.00	22.75 0.27 0.00	34.59 -0.70 -0.10	40.59 -1.49 -2.93	31.42 -0.94 -2.99	27.21 -0.53 -1.06	23.15 -0.38 -1.44	23.15 -0.18 -0.64	21.20 -0.14 -1.31	19.88 -0.06 -0.07	17.31 -0.02 -0.06	21.01 -0.25 -0.78	25.42 -0.47 -1.00	29.13 -0.68 -5.36	30.61 -0.65 -11.66	29.25 -0.33 -9.02	24.99 -0.34 -2.94	21.70 -0.26 -3.70	15.21 0.01 -4.61	11.04 0.11 -4.95
BINGHAMTON___COGEN 23790	24.36 0.66 0.00	21.27 0.56 0.00	20.27 0.55 0.00	19.96 0.52 0.00	19.63 0.48 0.00	23.06 0.58 0.00	36.09 0.74 -0.16	44.34 0.74 -4.46	34.47 0.56 -4.54	28.88 0.59 -1.62	24.72 0.44 -2.19	24.16 0.50 -0.98	22.43 0.40 -1.99	20.41 0.44 -0.10	17.74 0.38 -0.10	22.07 0.41 -1.18	26.91 0.50 -1.52	33.08 0.49 -8.13	37.69 0.39 -17.70	34.79 0.53 -13.70	27.47 0.63 -4.46	24.38 0.51 -5.61	17.89 0.31 -7.00	13.69 0.20 -7.51
BIXINCNT_115KV_LOAD 355685	24.22 0.52 0.00	21.27 0.56 0.00	20.37 0.65 0.00	19.89 0.45 0.00	19.46 0.31 0.00	22.90 0.43 0.00	34.56 -0.74 -0.11	40.67 -1.49 -3.02	31.45 -1.00 -3.07	27.16 -0.61 -1.09	23.08 -0.49 -1.48	23.12 -0.23 -0.66	21.14 -0.24 -1.35	19.84 -0.10 -0.07	17.16 -0.17 -0.07	20.89 -0.39 -0.80	25.32 -0.60 -1.03	29.21 -0.76 -5.51	30.87 -0.71 -11.98	29.36 -0.47 -9.27	24.75 -0.65 -3.02	21.53 -0.53 -3.80	15.13 -0.19 -4.74	11.05 -0.02 -5.08

BLACK RIVER___HYD 24047	23.81 0.12 0.00	20.77 0.06 0.00	19.74 0.02 0.00	19.44 0.00 0.00	19.21 0.06 0.00	22.61 0.14 0.00	35.30 0.07 -0.04	40.62 0.31 -1.17	30.71 0.15 -1.19	27.00 -0.11 -0.42	22.40 -0.26 -0.57	22.58 -0.36 -0.26	20.23 -0.32 -0.52	19.60 -0.30 -0.03	16.98 -0.31 -0.03	20.44 -0.35 -0.31	25.04 -0.25 -0.40	26.62 0.02 -2.14	24.30 0.06 -4.65	24.16 0.00 -3.60	21.48 -0.04 0.86	18.07 0.00 0.19	20.90 -0.12 -0.43	7.34 -0.07 -1.43
BLACKRVR_115KV_TB2 79977	23.81 0.12 0.00	20.77 0.06 0.00	19.74 0.02 0.00	19.44 0.00 0.00	19.21 0.06 0.00	22.61 0.13 0.00	35.38 0.14 -0.04	40.62 0.31 -1.17	30.71 0.15 -1.19	27.02 -0.08 -0.42	22.40 -0.27 -0.57	22.58 -0.36 -0.26	20.23 -0.32 -0.52	19.60 -0.30 -0.03	16.98 -0.31 -0.03	20.44 -0.35 -0.31	25.04 -0.25 -0.40	26.62 0.02 -2.14	24.30 0.06 -4.65	24.16 0.00 -3.60	21.43 -0.09 0.86	18.07 0.00 0.19	20.90 -0.12 -0.43	7.34 -0.07 -1.43
BLISS_WT_PWR 323608	24.17 0.47 0.00	21.23 0.52 0.00	20.35 0.63 0.00	19.83 0.39 0.00	19.42 0.27 0.00	22.86 0.38 0.00	34.32 -0.99 -0.11	40.59 -1.57 -3.02	31.42 -1.03 -3.07	27.19 -0.59 -1.09	23.08 -0.49 -1.48	23.53 0.18 -0.66	21.08 -0.30 -1.35	19.88 -0.06 -0.07	17.11 -0.22 -0.07	20.89 -0.39 -0.80	25.27 -0.65 -1.03	29.21 -0.76 -5.51	30.83 -0.74 -11.98	29.10 -0.51 -9.05	24.55 -0.78 -2.95	21.35 -0.62 -3.71	14.97 -0.24 -4.63	10.90 -0.05 -4.96
BLUESTONE___WT_PWR 323821	25.40 1.71 0.00	22.16 1.45 0.00	21.06 1.34 0.00	20.74 1.30 0.00	20.47 1.32 0.00	24.10 1.62 0.00	37.76 2.39 -0.18	47.10 3.05 -4.91	36.43 2.06 -5.00	30.19 1.73 -1.78	25.69 1.19 -2.41	24.99 1.22 -1.08	23.23 1.00 -2.19	21.03 1.05 -0.11	18.22 0.85 -0.11	22.88 1.11 -1.30	28.06 1.49 -1.67	35.13 1.71 -8.96	40.46 1.37 -19.50	37.05 1.44 -15.06	28.85 1.57 -4.90	25.67 1.24 -6.17	18.99 0.71 -7.70	14.65 0.41 -8.25
BLUE_CIRC_CHEM_DRP 24182	24.45 0.76 0.00	21.39 0.68 0.00	20.35 0.63 0.00	20.04 0.60 0.00	19.59 0.44 0.00	22.99 0.52 0.00	36.68 1.09 -0.39	51.15 1.10 -10.91	41.99 1.09 -11.53	31.67 0.96 -4.03	28.45 0.75 -5.61	25.85 0.73 -2.44	25.85 0.66 -5.16	20.85 0.72 -0.27	18.15 0.62 -0.26	24.23 0.68 -3.08	29.60 0.90 -3.81	46.40 0.93 -21.01	66.26 0.74 -45.92	56.87 0.80 -35.51	34.85 0.90 -11.57	33.58 0.64 -14.68	29.51 0.39 -18.54	26.17 0.22 -19.97
BOC_GAS_DRP 24189	24.29 0.59 0.00	21.25 0.54 0.00	20.21 0.49 0.00	19.94 0.51 0.00	19.67 0.52 0.00	23.08 0.61 0.00	36.79 1.20 -0.40	51.52 1.29 -11.08	42.08 0.97 -11.73	31.69 0.91 -4.10	28.54 0.75 -5.70	25.92 0.75 -2.48	25.95 0.68 -5.24	20.84 0.70 -0.27	18.13 0.60 -0.26	24.30 0.70 -3.13	29.63 0.87 -3.87	46.62 0.86 -21.30	66.82 0.67 -46.56	57.28 0.72 -36.00	34.92 0.81 -11.73	33.72 0.58 -14.88	29.72 0.35 -18.79	26.42 0.19 -20.24
BOONVILLE_115KV_TB1 79983	24.22 0.52 0.00	21.12 0.41 0.00	20.09 0.37 0.00	19.79 0.35 0.00	19.53 0.38 0.00	22.97 0.49 0.00	35.85 0.63 -0.02	40.66 0.86 -0.66	30.72 0.68 -0.67	27.37 0.45 -0.24	22.61 0.20 -0.32	23.01 0.18 -0.14	20.45 0.12 -0.29	20.09 0.20 -0.01	17.42 0.14 -0.01	20.82 0.16 -0.17	25.42 0.30 -0.22	26.10 0.44 -1.20	22.55 0.35 -2.61	22.90 0.33 -2.02	22.69 0.31 0.00	18.89 0.35 -0.29	11.24 0.08 -0.57	6.96 0.04 -0.93
BORALEX_4TH_BRANCH 23824	24.67 0.97 0.00	21.58 0.87 0.00	20.52 0.81 0.00	20.26 0.82 0.00	20.09 0.94 0.00	23.60 1.12 0.00	37.46 1.97 -0.30	49.20 2.23 -7.82	40.77 1.67 -9.72	31.13 1.36 -3.09	28.14 1.17 -4.88	25.74 1.16 -1.89	25.79 1.06 -4.69	21.19 1.05 -0.27	18.42 0.90 -0.26	24.44 1.09 -2.87	29.06 1.37 -2.79	44.17 1.47 -18.24	61.63 1.20 -40.84	53.25 1.23 -31.45	33.95 1.30 -10.26	32.88 0.99 -13.63	29.38 0.58 -18.21	26.39 0.34 -20.07
BOWLINE___1 23526	24.83 1.14 0.00	21.66 0.95 0.00	20.58 0.87 0.00	20.31 0.88 0.00	20.03 0.88 0.00	23.53 1.06 0.00	37.67 2.11 -0.37	51.91 2.39 -10.38	41.20 1.79 -10.04	32.05 1.68 -3.69	28.36 1.48 -4.79	26.45 1.54 -2.22	25.71 1.40 -4.28	21.41 1.33 -0.20	18.61 1.14 -0.20	24.38 1.39 -2.51	30.15 1.77 -3.49	43.92 1.71 -17.74	59.24 1.37 -38.27	51.62 1.52 -29.54	33.56 1.57 -9.61	31.34 1.20 -11.88	25.74 0.69 -14.47	21.70 0.35 -15.36
BOWLINE___2 23595	24.83 1.14 0.00	21.66 0.95 0.00	20.58 0.87 0.00	20.31 0.88 0.00	20.03 0.88 0.00	23.53 1.06 0.00	37.67 2.11 -0.37	51.91 2.39 -10.38	41.20 1.79 -10.04	32.05 1.68 -3.69	28.36 1.48 -4.79	26.45 1.54 -2.22	25.71 1.40 -4.28	21.41 1.33 -0.20	18.61 1.14 -0.20	24.38 1.39 -2.51	30.15 1.77 -3.49	43.92 1.71 -17.75	59.24 1.37 -38.27	51.62 1.52 -29.54	33.56 1.57 -9.61	31.34 1.20 -11.88	25.74 0.69 -14.47	21.70 0.35 -15.36
BRADY___115KV_TB2 356060	24.14 0.45 0.00	21.12 0.41 0.00	20.09 0.37 0.00	19.81 0.37 0.00	19.55 0.40 0.00	22.86 0.38 0.00	35.31 0.11 -0.01	39.67 0.20 -0.33	29.63 -0.09 -0.34	26.35 -0.45 -0.12	21.63 -0.62 -0.16	22.03 -0.73 -0.07	19.44 -0.74 -0.15	19.24 -0.64 -0.01	16.65 -0.62 -0.01	19.91 -0.66 -0.09	24.39 -0.62 -0.11	24.81 -0.27 -0.62	20.78 -0.16 -1.34	21.23 -0.37 -1.04	13.50 -0.67 8.21	11.29 -0.40 6.56	4.99 -0.22 5.38	4.17 -0.10 1.72
BRANSCOMB___SOLAR 323811	24.76 1.07 0.00	21.64 0.93 0.00	20.64 0.93 0.00	20.31 0.88 0.00	20.16 1.01 0.00	23.74 1.26 0.00	37.94 2.36 -0.39	52.56 2.58 -10.84	42.74 1.76 -11.60	32.16 1.49 -3.99	28.93 1.17 -5.67	26.22 1.11 -2.42	26.29 1.00 -5.26	21.18 1.03 -0.28	18.41 0.88 -0.27	24.61 0.98 -3.15	29.92 1.32 -3.71	46.95 1.37 -21.12	67.14 1.16 -46.39	57.62 1.25 -35.81	35.37 1.32 -11.67	34.20 0.99 -14.96	30.29 0.58 -19.13	27.01 0.31 -20.72
BRENTWOD_69_KV_W. BRTWOOD 56703	25.78 2.09 0.00	22.39 1.68 0.00	21.19 1.48 0.00	21.21 1.59 -0.18	23.23 1.57 -2.51	24.48 2.00 0.00	38.90 3.31 -0.40	53.64 3.05 -11.45	42.73 2.35 -11.00	33.43 2.69 -4.06	30.55 2.39 -6.07	30.58 2.50 -5.39	30.24 2.34 -7.87	31.94 1.85 -10.22	36.49 1.47 -17.76	28.03 2.23 -5.32	31.91 2.64 -4.38	46.26 2.40 -19.40	64.13 1.82 -42.72	55.37 1.97 -32.84	35.91 2.15 -11.37	33.34 1.55 -13.53	31.17 0.95 -19.64	27.80 0.60 -21.21
BRISTLHL_115KV_TB1 79998	23.60 -0.09 0.00	20.61 -0.10 0.00	19.62 -0.10 0.00	19.34 -0.10 0.00	19.03 -0.11 0.00	22.39 -0.09 0.00	35.05 -0.21 -0.07	40.70 -0.27 -1.84	31.04 -0.21 -1.87	27.21 -0.13 -0.67	22.77 -0.22 -0.90	22.95 -0.14 -0.40	20.65 -0.20 -0.82	19.75 -0.16 -0.04	17.19 -0.12 -0.04	20.76 -0.20 -0.49	25.25 -0.27 -0.63	27.57 -0.24 -3.36	26.74 -0.16 -7.30	26.09 -0.12 -5.65	24.16 -0.07 -1.84	20.63 0.05 -2.31	13.49 0.02 -2.89	9.10 0.02 -3.10
BROOKHAVEN___DRP 24191	25.78 2.09 0.00	22.37 1.66 0.00	21.19 1.48 0.00	21.19 1.57 -0.18	23.17 1.51 -2.51	24.41 1.93 0.00	38.76 3.17 -0.40	53.40 2.82 -11.45	42.61 2.23 -11.00	33.44 2.67 -4.10	30.83 2.63 -6.11	30.53 2.45 -5.39	30.28 2.38 -7.87	32.18 1.79 -10.52	37.37 1.42 -18.69	28.35 2.52 -5.36	36.33 3.01 -8.43	46.54 2.64 -19.44	71.26 2.16 -49.51	58.98 2.32 -36.10	42.45 2.53 -17.54	37.40 1.75 -17.39	34.37 1.08 -22.70	27.80 0.60 -21.21



BROOKLYN_NAVY_YARD 23515	25.12 1.42 0.00	21.89 1.18 0.00	20.76 1.04 0.00	20.51 1.07 0.00	20.20 1.05 0.00	23.80 1.33 0.00	38.24 2.64 -0.40	53.60 3.01 -11.45	42.73 2.35 -11.00	32.98 2.24 -4.05	29.32 1.99 -5.24	27.23 2.09 -2.45	27.30 1.86 -5.41	29.76 1.71 -8.18	36.75 1.45 -18.03	27.54 1.88 -5.18	31.07 2.32 -3.86	46.12 2.23 -19.43	63.18 1.72 -41.86	54.81 1.87 -32.38	34.82 1.90 -10.54	32.75 1.50 -13.00	27.25 0.88 -15.79	23.16 0.44 -16.74
BROOKLYN___ARMY_DRP 323595	25.19 1.49 0.00	21.93 1.22 0.00	20.76 1.04 0.00	20.47 1.03 0.00	20.16 1.01 0.00	23.69 1.21 0.00	37.99 2.39 -0.40	53.37 2.78 -11.45	42.64 2.26 -11.00	32.90 2.16 -4.06	29.25 1.92 -5.24	27.18 2.04 -2.45	27.26 1.80 -5.43	26.71 1.71 -5.13	27.15 1.47 -8.42	27.56 1.84 -5.24	31.04 2.29 -3.85	45.97 2.10 -19.40	63.06 1.65 -41.81	54.72 1.75 -32.41	34.72 1.79 -10.54	32.68 1.41 -13.01	27.28 0.88 -15.81	23.18 0.42 -16.77
BROOKVLE_69_KV_TB1 55790	25.52 1.82 0.00	22.22 1.51 0.00	21.04 1.32 0.00	21.06 1.44 -0.18	23.10 1.44 -2.51	24.21 1.73 0.00	38.69 3.10 -0.40	53.68 3.09 -11.45	42.78 2.41 -11.00	33.27 2.53 -4.05	30.52 2.36 -6.07	30.46 2.38 -5.39	30.10 2.20 -7.87	26.68 1.75 -5.06	20.53 1.45 -1.81	28.02 2.23 -5.32	31.50 2.74 -3.87	46.35 2.49 -19.40	63.52 2.06 -41.87	55.21 2.22 -32.43	35.36 2.37 -10.60	33.04 1.73 -13.05	30.86 1.03 -19.25	27.74 0.54 -21.21
BROOME_2_LFGE 323671	24.36 0.66 0.00	21.27 0.56 0.00	20.27 0.55 0.00	19.96 0.53 0.00	19.63 0.48 0.00	23.06 0.58 0.00	36.02 0.67 -0.16	44.34 0.74 -4.46	34.47 0.56 -4.54	28.91 0.61 -1.62	24.72 0.44 -2.19	24.23 0.57 -0.98	22.43 0.40 -1.99	20.43 0.46 -0.10	17.74 0.38 -0.10	22.09 0.43 -1.18	26.91 0.50 -1.52	33.08 0.49 -8.14	37.69 0.39 -17.70	34.75 0.53 -13.65	27.48 0.65 -4.45	24.36 0.51 -5.59	17.87 0.31 -6.98	13.67 0.20 -7.48
BROOME___LFGE 323600	24.36 0.66 0.00	21.27 0.56 0.00	20.27 0.55 0.00	19.96 0.53 0.00	19.63 0.48 0.00	23.06 0.58 0.00	36.02 0.67 -0.16	44.34 0.74 -4.46	34.47 0.56 -4.54	28.91 0.61 -1.62	24.72 0.44 -2.19	24.23 0.57 -0.98	22.43 0.40 -1.99	20.43 0.46 -0.10	17.74 0.38 -0.10	22.09 0.43 -1.18	26.91 0.50 -1.52	33.08 0.49 -8.14	37.69 0.39 -17.70	34.75 0.53 -13.65	27.48 0.65 -4.45	24.36 0.51 -5.59	17.87 0.31 -6.98	13.67 0.20 -7.48
BROWNFLS_115KV_TB_3_5 80003	23.55 -0.14 0.00	20.59 -0.12 0.00	19.58 -0.14 0.00	19.30 -0.14 0.00	19.03 -0.11 0.00	22.30 -0.18 0.00	34.51 -0.70 -0.02	38.98 -0.74 -0.58	29.41 -0.56 -0.60	26.17 -0.72 -0.21	21.65 -0.73 -0.29	22.00 -0.82 -0.13	19.53 -0.76 -0.26	19.17 -0.72 -0.01	16.63 -0.66 -0.01	19.90 -0.74 -0.16	24.30 -0.80 -0.20	24.92 -0.61 -1.07	21.46 -0.47 -2.33	21.77 -0.60 -1.81	16.54 -0.78 5.07	13.85 -0.53 3.88	7.22 -0.38 2.98	5.26 -0.20 0.52
BROWNSV1_27_KV_LOAD 356125	25.26 1.56 0.00	22.01 1.30 0.00	20.88 1.16 0.00	20.61 1.17 0.00	20.32 1.17 0.00	23.89 1.42 0.00	38.38 2.78 -0.40	53.84 3.25 -11.45	42.90 2.53 -11.00	33.14 2.40 -4.06	29.45 2.12 -5.24	27.36 2.22 -2.45	27.44 2.00 -5.41	26.76 1.89 -5.00	27.10 1.62 -8.20	27.68 2.03 -5.18	31.21 2.46 -3.85	46.24 2.37 -19.40	63.27 1.86 -41.81	54.98 2.01 -32.41	34.99 2.06 -10.54	32.88 1.61 -13.01	27.34 0.94 -15.81	23.23 0.47 -16.77
BURROWS___LYONSDAL 23803	24.12 0.43 0.00	21.04 0.33 0.00	20.01 0.30 0.00	19.73 0.29 0.00	19.47 0.33 0.00	22.90 0.43 0.00	35.67 0.46 -0.02	40.49 0.67 -0.69	30.61 0.53 -0.70	27.25 0.32 -0.25	22.51 0.09 -0.34	22.91 0.07 -0.15	20.36 0.02 -0.31	19.97 0.08 -0.02	17.32 0.03 -0.01	20.70 0.04 -0.18	25.30 0.17 -0.23	26.06 0.34 -1.26	22.60 0.27 -2.73	22.92 0.25 -2.12	22.17 0.20 0.42	18.47 0.26 0.04	10.90 0.00 -0.32	6.84 -0.01 -0.86
CAITHNESS_CC_1 323624	25.71 2.01 -0.01	22.31 1.59 -0.01	21.14 1.42 0.00	21.14 1.52 -0.19	23.14 1.47 -2.52	24.35 1.86 -0.01	39.12 3.52 -0.41	53.36 2.78 -11.45	42.58 2.20 -11.00	33.37 2.59 -4.10	30.72 2.52 -6.12	30.45 2.36 -5.40	30.33 2.42 -7.87	32.13 1.73 -10.53	37.31 1.35 -18.70	28.03 2.19 -5.36	36.28 2.94 -8.45	46.55 2.62 -19.47	71.29 2.12 -49.57	58.93 2.28 -36.09	42.17 2.24 -17.54	37.35 1.72 -17.38	34.32 1.05 -22.69	27.76 0.58 -21.19
CALPINE BETH_PAGE_GT4 24209	25.57 1.87 0.00	22.24 1.53 0.00	21.06 1.34 0.00	21.08 1.46 -0.18	23.10 1.44 -2.51	24.25 1.78 0.00	38.48 2.89 -0.40	53.29 2.70 -11.45	42.49 2.12 -11.00	33.11 2.37 -4.05	30.39 2.23 -6.07	30.33 2.25 -5.39	30.08 2.18 -7.87	29.52 1.67 -7.98	29.47 1.36 -10.84	28.00 2.21 -5.32	31.42 2.61 -3.91	46.18 2.32 -19.40	63.42 1.90 -41.93	55.08 2.06 -32.46	35.28 2.24 -10.66	32.94 1.61 -13.08	30.89 1.03 -19.28	27.75 0.55 -21.21
CALPINE_BETH_PAGE_GT_4 323586	25.57 1.87 -0.01	22.25 1.53 -0.01	21.06 1.34 0.00	21.09 1.46 -0.19	23.10 1.44 -2.52	24.26 1.78 -0.01	38.88 3.27 -0.41	53.52 2.94 -11.45	42.67 2.29 -11.00	33.17 2.43 -4.06	30.44 2.28 -6.08	30.38 2.29 -5.40	30.21 2.30 -7.87	29.58 1.73 -7.98	29.51 1.40 -10.84	27.91 2.11 -5.32	31.49 2.66 -3.93	46.36 2.47 -19.43	63.58 2.00 -41.99	55.16 2.16 -32.44	35.24 2.20 -10.66	32.98 1.66 -13.07	30.87 1.03 -19.26	27.73 0.55 -21.19
CALPINE_BP_GT1 23823	25.57 1.87 -0.01	22.25 1.53 -0.01	21.06 1.34 0.00	21.09 1.46 -0.19	23.10 1.44 -2.52	24.26 1.78 -0.01	38.88 3.27 -0.41	53.52 2.94 -11.45	42.67 2.29 -11.00	33.17 2.43 -4.06	30.44 2.28 -6.08	30.38 2.29 -5.40	30.21 2.30 -7.87	29.58 1.73 -7.98	29.51 1.40 -10.84	27.91 2.11 -5.32	31.49 2.66 -3.93	46.36 2.47 -19.43	63.58 2.00 -41.99	55.16 2.16 -32.44	35.24 2.20 -10.66	32.98 1.66 -13.07	30.87 1.03 -19.26	27.73 0.55 -21.19
CALSPAN___DRP 24200	24.05 0.36 0.00	21.12 0.41 0.00	20.17 0.45 0.00	19.79 0.35 0.00	19.32 0.17 0.00	22.70 0.22 0.00	34.63 -0.67 -0.10	40.57 -1.49 -2.92	31.41 -0.94 -2.97	27.23 -0.51 -1.06	23.17 -0.35 -1.43	23.19 -0.14 -0.64	21.22 -0.12 -1.30	19.86 -0.08 -0.07	17.33 0.00 -0.06	21.03 -0.23 -0.77	25.44 -0.45 -0.99	29.13 -0.66 -5.33	30.56 -0.63 -11.59	29.20 -0.33 -8.97	25.01 -0.29 -2.92	21.69 -0.24 -3.67	15.20 0.03 -4.59	11.03 0.13 -4.92
CALVERTON___SOLAR 323806	25.88 2.18 -0.01	22.44 1.72 -0.01	21.25 1.54 0.00	21.26 1.63 -0.19	23.26 1.59 -2.52	24.51 2.02 -0.01	39.44 3.84 -0.41	53.64 3.05 -11.45	42.81 2.44 -11.00	33.56 2.77 -4.10	30.92 2.72 -6.12	30.61 2.52 -5.40	30.49 2.59 -7.87	32.24 1.85 -10.52	37.41 1.45 -18.69	28.18 2.33 -5.36	36.53 3.19 -8.45	46.79 2.86 -19.47	71.47 2.31 -49.57	59.15 2.51 -36.09	42.36 2.44 -17.54	37.52 1.88 -17.38	34.39 1.12 -22.69	27.80 0.62 -21.19
CANDIGU_WT_PWR 323617	24.31 0.62 0.00	21.27 0.56 0.00	20.27 0.55 0.00	19.92 0.49 0.00	19.51 0.36 0.00	22.95 0.47 0.00	35.28 -0.04 -0.12	42.37 -0.23 -3.47	32.82 -0.09 -3.53	28.13 0.19 -1.26	23.88 0.09 -1.70	23.81 0.36 -0.76	21.72 0.14 -1.55	20.19 0.24 -0.08	17.55 0.21 -0.07	21.54 0.14 -0.92	26.15 0.07 -1.18	30.76 -0.02 -6.33	33.29 -0.08 -13.77	31.24 0.14 -10.54	25.99 0.18 -3.43	22.68 0.11 -4.32	16.10 0.13 -5.39	11.90 0.14 -5.78

CARR STREET_E_SYR 24060	23.84 0.14 0.00	20.81 0.10 0.00	19.81 0.10 0.00	19.52 0.08 0.00	19.23 0.08 0.00	22.57 0.09 0.00	35.16 -0.11 -0.08	41.19 -0.08 -2.13	31.48 -0.06 -2.16	27.53 0.08 -0.77	23.20 0.07 -1.05	23.27 0.11 -0.47	21.02 0.04 -0.95	19.98 0.06 -0.05	17.38 0.07 -0.05	21.12 0.08 -0.56	25.67 0.05 -0.72	28.41 0.07 -3.88	28.12 0.08 -8.44	27.22 0.12 -6.54	24.76 0.25 -2.13	21.15 0.22 -2.68	14.05 0.13 -3.34	9.65 0.08 -3.58
CARTHAGE___PAPER 23857	23.72 0.02 0.00	20.69 -0.02 0.00	19.68 -0.04 0.00	19.38 -0.06 0.00	19.15 0.00 0.00	22.52 0.05 0.00	35.09 -0.14 -0.04	40.17 0.00 -1.03	30.43 0.00 -1.05	26.79 -0.27 -0.38	22.22 -0.38 -0.51	22.46 -0.45 -0.23	20.09 -0.40 -0.46	19.50 -0.40 -0.02	16.91 -0.38 -0.02	20.32 -0.43 -0.27	24.90 -0.35 -0.35	26.25 -0.10 -1.89	23.67 -0.04 -4.11	23.62 -0.12 -3.18	20.83 -0.20 1.35	17.48 -0.13 0.65	10.34 -0.22 0.02	6.96 -0.13 -1.11
CASSADAGA_WT_PWR 323784	24.24 0.55 0.00	21.27 0.56 0.00	20.27 0.55 0.00	19.87 0.43 0.00	19.38 0.23 0.00	22.77 0.29 0.00	34.46 -0.84 -0.11	40.78 -1.37 -3.01	31.53 -0.91 -3.07	27.37 -0.40 -1.09	23.30 -0.26 -1.48	23.62 0.27 -0.66	21.34 -0.04 -1.35	20.06 0.12 -0.07	17.42 0.09 -0.06	21.19 -0.08 -0.80	25.60 -0.32 -1.03	29.35 -0.61 -5.50	30.87 -0.69 -11.96	29.09 -0.51 -9.04	24.66 -0.67 -2.94	21.38 -0.58 -3.70	15.00 -0.20 -4.62	10.94 -0.01 -4.96
CE_DUNWOOD___DRP 24194	24.95 1.26 0.00	21.77 1.06 0.00	20.66 0.95 0.00	20.41 0.97 0.00	20.13 0.98 0.00	23.67 1.19 0.00	37.88 2.29 -0.40	53.20 2.62 -11.43	42.39 2.03 -10.99	32.68 1.95 -4.05	29.05 1.72 -5.24	26.94 1.81 -2.44	26.32 1.62 -4.67	21.62 1.53 -0.22	18.78 1.30 -0.21	24.86 1.64 -2.74	30.74 2.02 -3.83	45.75 1.91 -19.38	62.86 1.51 -41.76	54.57 1.64 -32.37	34.62 1.70 -10.53	32.57 1.31 -13.00	27.13 0.75 -15.79	23.12 0.39 -16.74
CE_MILLWOOD___DRP 24193	24.93 1.23 0.00	21.74 1.04 0.00	20.62 0.91 0.00	20.37 0.93 0.00	20.09 0.94 0.00	23.62 1.15 0.00	37.81 2.22 -0.40	53.05 2.54 -11.37	42.27 1.97 -10.93	32.57 1.87 -4.03	28.95 1.66 -5.21	26.85 1.75 -2.42	26.24 1.56 -4.64	21.56 1.47 -0.22	18.73 1.24 -0.21	24.78 1.58 -2.72	30.65 1.94 -3.81	45.56 1.83 -19.27	62.59 1.47 -41.52	54.35 1.60 -32.18	34.51 1.66 -10.47	32.44 1.26 -12.93	27.02 0.73 -15.71	23.02 0.38 -16.65
CE_NYC2_DRP 24202	25.09 1.40 0.00	21.87 1.16 0.00	20.72 1.01 0.00	20.43 0.99 0.00	20.13 0.98 0.00	23.65 1.17 0.00	37.95 2.36 -0.40	53.33 2.74 -11.45	42.58 2.20 -11.00	32.84 2.11 -4.06	29.21 1.88 -5.24	27.14 2.00 -2.45	27.24 1.78 -5.43	26.69 1.69 -5.13	27.12 1.43 -8.42	27.52 1.80 -5.24	30.96 2.22 -3.85	45.94 2.08 -19.40	63.02 1.61 -41.81	54.67 1.71 -32.41	34.68 1.75 -10.54	32.64 1.37 -13.01	27.23 0.84 -15.81	23.16 0.41 -16.77
CE_NYC_DRP 24195	25.14 1.45 0.00	21.91 1.20 0.00	20.78 1.06 0.00	20.53 1.09 0.00	20.22 1.07 0.00	23.80 1.33 0.00	38.20 2.60 -0.40	53.60 3.01 -11.45	42.73 2.35 -11.00	33.00 2.27 -4.06	29.32 1.99 -5.24	27.23 2.09 -2.45	27.32 1.88 -5.40	26.63 1.77 -4.99	26.97 1.52 -8.18	27.53 1.88 -5.17	31.06 2.32 -3.85	46.06 2.20 -19.40	63.13 1.72 -41.81	54.84 1.87 -32.41	34.83 1.90 -10.54	32.77 1.50 -13.01	27.27 0.87 -15.81	23.19 0.44 -16.77
CHAFFEE___LFGE 323603	24.10 0.40 0.00	21.14 0.44 0.00	20.19 0.47 0.00	19.83 0.39 0.00	19.36 0.21 0.00	22.73 0.25 0.00	34.38 -0.92 -0.11	40.66 -1.45 -2.97	31.49 -0.91 -3.02	27.36 -0.40 -1.08	23.19 -0.35 -1.46	23.43 0.09 -0.65	21.20 -0.16 -1.33	19.94 0.00 -0.07	17.33 0.00 -0.06	21.08 -0.18 -0.79	25.46 -0.45 -1.01	29.22 -0.66 -5.42	30.75 -0.63 -11.78	29.15 -0.31 -8.90	25.01 -0.27 -2.90	21.66 -0.24 -3.65	15.15 0.02 -4.55	10.98 0.12 -4.88
CHATEAUG_35_KV_LOAD 355732	24.14 0.45 0.00	21.17 0.46 0.00	20.13 0.41 0.00	19.81 0.37 0.00	19.49 0.34 0.00	22.86 0.38 0.00	35.23 0.04 0.00	39.06 -0.08 0.00	29.52 0.15 0.00	26.68 0.00 0.00	22.13 0.04 0.00	22.69 0.00 0.00	20.01 -0.02 0.00	19.83 -0.04 0.00	17.20 -0.07 0.00	20.48 0.00 0.00	24.84 -0.05 0.00	24.41 -0.05 0.00	19.65 0.06 0.00	20.35 -0.21 0.00	11.02 -0.56 10.80	8.79 -0.64 8.83	2.69 -0.43 7.46	2.82 -0.28 2.89
CHATEAUG_WT_PWR 323614	24.17 0.47 0.00	21.19 0.48 0.00	20.15 0.43 0.00	19.83 0.39 0.00	19.53 0.38 0.00	22.90 0.43 0.00	35.33 0.14 0.00	38.98 -0.16 0.00	29.49 0.12 0.00	26.57 -0.11 0.00	22.15 0.07 0.00	22.69 0.00 0.00	20.03 0.00 0.00	19.83 -0.04 0.00	17.20 -0.07 0.00	20.44 -0.04 0.00	24.84 -0.05 0.00	24.41 -0.05 0.00	19.67 0.08 0.00	20.37 -0.19 0.00	10.72 -0.63 11.04	8.60 -0.64 9.02	2.54 -0.42 7.62	2.75 -0.28 2.95
CHAT_HIGH_FALL_HYD 323578	24.14 0.45 0.00	21.16 0.46 0.00	20.13 0.41 0.00	19.81 0.37 0.00	19.49 0.35 0.00	22.86 0.38 0.00	35.33 0.14 0.00	39.06 -0.08 0.00	29.52 0.15 0.00	26.57 -0.11 0.00	22.13 0.04 0.00	22.69 0.00 0.00	20.01 -0.02 0.00	19.83 -0.04 0.00	17.20 -0.07 0.00	20.44 -0.04 0.00	24.84 -0.05 0.00	24.41 -0.05 0.00	19.65 0.06 0.00	20.35 -0.21 0.00	10.96 -0.63 10.80	8.79 -0.64 8.83	2.69 -0.43 7.46	2.82 -0.28 2.89
CHAUTAUQUA___LFGE 323629	24.24 0.55 0.00	21.29 0.58 0.00	20.31 0.59 0.00	19.92 0.49 0.00	19.45 0.31 0.00	22.84 0.36 0.00	34.67 -0.63 -0.11	40.99 -1.14 -2.98	31.71 -0.71 -3.04	27.55 -0.21 -1.08	23.40 -0.15 -1.47	23.61 0.27 -0.65	21.41 0.04 -1.33	20.10 0.16 -0.07	17.51 0.17 -0.06	21.29 0.02 -0.79	25.71 -0.20 -1.02	29.44 -0.47 -5.45	30.94 -0.51 -11.86	29.28 -0.23 -8.95	25.05 -0.25 -2.91	21.71 -0.22 -3.67	15.18 0.02 -4.58	11.02 0.13 -4.91
CHERRYST_13_KV_LD 356241	25.19 1.49 0.00	21.95 1.24 0.00	20.82 1.10 0.00	20.57 1.13 0.00	20.28 1.13 0.00	23.85 1.37 0.00	38.27 2.67 -0.40	53.72 3.13 -11.45	42.82 2.44 -11.00	33.08 2.35 -4.06	29.38 2.05 -5.24	27.32 2.18 -2.45	27.38 1.94 -5.40	26.71 1.85 -4.99	27.02 1.57 -8.18	27.61 1.97 -5.17	31.14 2.39 -3.85	46.14 2.27 -19.40	63.19 1.78 -41.81	54.88 1.91 -32.41	34.88 1.95 -10.54	32.80 1.53 -13.01	27.30 0.90 -15.81	23.21 0.45 -16.77
CHESTROR_138KV_BK263 355645	24.90 1.21 0.00	21.72 1.01 0.00	20.64 0.93 0.00	20.37 0.93 0.00	20.09 0.94 0.00	23.56 1.08 0.00	37.70 2.15 -0.36	51.87 2.47 -10.27	41.11 1.79 -9.94	31.96 1.63 -3.65	28.24 1.41 -4.74	26.33 1.45 -2.19	25.57 1.30 -4.24	21.33 1.25 -0.20	18.55 1.09 -0.20	24.30 1.33 -2.49	30.06 1.72 -3.45	43.72 1.71 -17.55	58.82 1.37 -37.86	51.25 1.36 -29.34	33.36 1.43 -9.55	31.14 1.08 -11.81	25.60 0.61 -14.40	21.60 0.32 -15.29
CH_MIDHUDSON___DRP 24192	24.85 1.16 0.00	21.70 0.99 0.00	20.60 0.89 0.00	20.35 0.91 0.00	20.07 0.92 0.00	23.56 1.08 0.00	37.69 2.11 -0.39	52.53 2.43 -10.97	41.92 1.79 -10.75	32.28 1.68 -3.91	28.67 1.44 -5.15	26.56 1.52 -2.36	26.00 1.34 -4.62	21.39 1.29 -0.22	18.59 1.11 -0.22	24.55 1.35 -2.73	30.32 1.72 -3.70	45.25 1.66 -19.13	62.30 1.33 -41.38	54.05 1.44 -32.05	34.32 1.50 -10.43	32.36 1.13 -12.97	27.14 0.63 -15.92	23.27 0.34 -16.95

CH_MISC_IPPS 23765	25.02 1.33 0.00	21.83 1.12 0.00	20.72 1.00 0.00	20.45 1.01 0.00	20.16 1.01 0.00	23.62 1.15 0.00	37.94 2.36 -0.38	52.76 2.74 -10.88	41.98 1.97 -10.63	32.38 1.82 -3.89	28.72 1.55 -5.08	26.61 1.59 -2.34	25.99 1.40 -4.55	21.48 1.39 -0.22	18.67 1.19 -0.21	24.59 1.43 -2.68	30.46 1.87 -3.70	45.25 1.86 -18.94	61.97 1.47 -40.90	53.78 1.60 -31.62	34.33 1.66 -10.29	32.27 1.26 -12.76	26.88 0.70 -15.60	22.93 0.36 -16.58
CH_RES_BVR_FALLS 23983	23.34 -0.35 0.00	20.38 -0.33 0.00	19.40 -0.32 0.00	19.11 -0.33 0.00	18.77 -0.38 0.00	21.98 -0.49 0.00	34.31 -0.88 0.00	38.08 -1.05 0.00	28.58 -0.79 0.00	25.93 -0.75 0.00	21.56 -0.53 0.00	22.19 -0.50 0.00	19.61 -0.42 0.00	19.45 -0.42 0.00	16.91 -0.36 0.00	20.03 -0.45 0.00	24.30 -0.60 0.00	23.73 -0.73 0.00	18.87 -0.72 0.00	19.63 -0.92 0.00	0.34 -1.10 20.95	0.26 -0.88 17.12	-4.40 -0.51 14.47	0.08 -0.30 5.60
CH_RES_NIAGARA 23895	23.15 -0.54 0.00	20.34 -0.37 0.00	19.44 -0.28 0.00	19.09 -0.35 0.00	18.63 -0.52 0.00	21.89 -0.58 0.00	33.46 -1.83 -0.10	39.28 -2.66 -2.81	30.47 -1.76 -2.86	26.58 -1.12 -1.02	22.56 -0.91 -1.38	22.53 -0.77 -0.61	20.63 -0.66 -1.25	19.22 -0.71 -0.06	16.93 -0.40 -0.06	20.55 -0.68 -0.74	24.73 -1.12 -0.96	28.24 -1.35 -5.12	29.51 -1.23 -11.15	28.01 -0.90 -8.35	24.31 -0.80 -2.73	21.07 -0.62 -3.43	14.69 -0.17 -4.28	10.59 0.01 -4.59
CH_RES_SYRACUSE 23985	24.07 0.38 0.00	21.02 0.31 0.00	19.99 0.28 0.00	19.69 0.25 0.00	19.40 0.25 0.00	22.82 0.34 0.00	35.63 0.35 -0.08	41.92 0.51 -2.27	32.05 0.35 -2.32	27.93 0.43 -0.83	23.45 0.24 -1.12	23.48 0.29 -0.50	21.25 0.20 -1.02	20.14 0.22 -0.05	17.53 0.21 -0.05	21.33 0.25 -0.60	25.92 0.25 -0.77	28.88 0.27 -4.15	28.88 0.25 -9.03	27.88 0.33 -6.99	25.13 0.47 -2.28	21.52 0.40 -2.87	14.38 0.22 -3.58	9.96 0.14 -3.83
CLINTON_WT_PWR 323605	24.17 0.47 0.00	21.19 0.48 0.00	20.15 0.43 0.00	19.83 0.39 0.00	19.53 0.38 0.00	22.90 0.43 0.00	35.33 0.14 0.00	38.98 -0.16 0.00	29.49 0.12 0.00	26.57 -0.11 0.00	22.15 0.07 0.00	22.69 0.00 0.00	20.03 0.00 0.00	19.83 -0.04 0.00	17.20 -0.07 0.00	20.44 -0.04 0.00	24.84 -0.05 0.00	24.41 -0.05 0.00	19.67 0.08 0.00	20.37 -0.19 0.00	10.72 -0.63 11.04	8.60 -0.64 9.02	2.54 -0.42 7.62	2.75 -0.28 2.95
CLINTON__LFGE 323618	24.52 0.83 0.00	21.50 0.79 0.00	20.45 0.73 0.00	20.12 0.68 0.00	19.80 0.65 0.00	23.24 0.76 0.00	35.75 0.56 0.00	39.42 0.28 0.00	29.88 0.50 0.00	26.81 0.13 0.00	22.37 0.29 0.00	22.91 0.23 0.00	20.19 0.16 0.00	20.01 0.14 0.00	17.36 0.09 0.00	20.62 0.14 0.00	25.09 0.20 0.00	24.68 0.22 0.00	19.97 0.37 0.00	20.68 0.12 0.00	11.07 -0.34 10.98	8.88 -0.40 8.97	2.69 -0.31 7.58	2.85 -0.20 2.93
COBBLENY_34_KV_TB1 80064	24.10 0.40 0.00	21.14 0.43 0.00	20.19 0.47 0.00	19.83 0.39 0.00	19.36 0.21 0.00	22.72 0.25 0.00	34.63 -0.67 -0.11	40.66 -1.45 -2.97	31.49 -0.91 -3.02	27.25 -0.51 -1.08	23.19 -0.35 -1.46	23.20 -0.14 -0.65	21.24 -0.12 -1.33	19.88 -0.06 -0.07	17.33 0.00 -0.06	21.04 -0.23 -0.79	25.46 -0.45 -1.01	29.22 -0.66 -5.42	30.77 -0.61 -11.78	29.37 -0.31 -9.12	25.06 -0.29 -2.97	21.76 -0.24 -3.74	15.27 0.02 -4.66	11.10 0.12 -5.00
COFFEEN__115KV_TB3 355620	23.93 0.24 0.00	20.85 0.14 0.00	19.81 0.10 0.00	19.54 0.10 0.00	19.30 0.15 0.00	22.72 0.25 0.00	35.59 0.35 -0.04	40.92 0.59 -1.19	30.88 0.29 -1.21	27.14 0.03 -0.43	22.47 -0.20 -0.59	22.65 -0.29 -0.26	20.31 -0.26 -0.53	19.66 -0.24 -0.03	17.04 -0.26 -0.03	20.51 -0.29 -0.32	25.15 -0.15 -0.41	26.81 0.17 -2.18	24.51 0.18 -4.74	24.33 0.10 -3.67	21.63 0.02 0.78	18.26 0.11 0.11	11.04 -0.05 -0.51	7.43 -0.04 -1.48
COLDSPRG_115KV_BK1 355956	24.62 0.92 0.00	21.60 0.89 0.00	20.60 0.89 0.00	20.20 0.76 0.00	19.74 0.59 0.00	23.24 0.76 0.00	35.02 -0.28 -0.11	41.37 -0.82 -3.05	31.96 -0.53 -3.11	27.60 -0.19 -1.11	23.50 -0.09 -1.50	23.49 0.14 -0.67	21.50 0.10 -1.37	20.24 0.30 -0.07	17.51 0.17 -0.07	21.29 0.00 -0.81	25.78 -0.15 -1.04	29.65 -0.39 -5.58	31.34 -0.39 -12.14	29.80 -0.14 -9.39	25.24 -0.20 -3.06	21.87 -0.24 -3.85	15.38 0.00 -4.80	11.24 0.11 -5.15
COLONIE_LFGE__ 323577	24.52 0.83 0.00	21.43 0.72 0.00	20.41 0.69 0.00	20.12 0.68 0.00	19.90 0.75 0.00	23.40 0.92 0.00	37.33 1.76 -0.38	51.51 1.92 -10.45	42.08 1.41 -11.30	31.76 1.23 -3.85	28.63 0.99 -5.54	26.02 1.00 -2.34	26.07 0.88 -5.16	21.06 0.91 -0.27	18.31 0.78 -0.26	24.46 0.88 -3.10	29.61 1.15 -3.57	46.28 1.17 -20.65	66.02 0.96 -45.46	56.67 1.03 -35.08	34.91 1.10 -11.43	33.78 0.80 -14.72	29.99 0.48 -18.93	26.80 0.26 -20.55
COOPERNY_115KV_TB1 80082	24.57 0.88 0.00	21.45 0.75 0.00	20.41 0.69 0.00	20.14 0.70 0.00	19.84 0.69 0.00	23.31 0.83 0.00	37.02 1.55 -0.28	48.74 1.80 -7.80	38.32 1.32 -7.63	30.72 1.25 -2.78	26.82 1.08 -3.65	25.47 1.11 -1.67	24.33 1.02 -3.27	21.00 0.97 -0.16	18.25 0.83 -0.15	23.43 1.02 -1.93	28.79 1.27 -2.63	39.19 1.22 -13.51	49.80 1.00 -29.20	44.29 1.11 -22.62	30.91 1.16 -7.36	28.29 0.89 -9.14	22.30 0.52 -11.20	18.18 0.28 -11.92
COPENHAGEN_WT_PWR 323753	23.79 0.10 0.00	20.75 0.04 0.00	19.72 0.00 0.00	19.42 -0.02 0.00	19.19 0.04 0.00	22.57 0.09 0.00	35.27 0.04 -0.04	40.61 0.24 -1.24	30.72 0.09 -1.26	27.00 -0.13 -0.45	22.43 -0.26 -0.61	22.59 -0.36 -0.27	20.29 -0.30 -0.55	19.60 -0.30 -0.03	17.00 -0.29 -0.03	20.46 -0.35 -0.33	25.04 -0.27 -0.42	26.69 -0.02 -2.26	24.54 0.04 -4.91	24.34 -0.02 -3.80	21.72 -0.04 0.63	18.29 0.00 -0.03	11.13 -0.11 -0.66	7.51 -0.07 -1.59
CORNELL____ 23752	24.64 0.95 0.00	21.50 0.79 0.00	20.46 0.75 0.00	20.14 0.70 0.00	19.84 0.69 0.00	23.35 0.88 0.00	36.62 1.30 -0.12	44.15 1.53 -3.48	34.01 1.09 -3.55	28.96 1.01 -1.26	24.48 0.68 -1.71	24.18 0.73 -0.76	22.15 0.56 -1.56	20.55 0.60 -0.08	17.86 0.52 -0.08	22.02 0.61 -0.92	26.88 0.80 -1.19	31.70 0.88 -6.36	34.18 0.74 -13.84	32.13 0.86 -10.71	26.86 0.98 -3.49	23.46 0.82 -4.39	16.51 0.46 -5.47	12.12 0.27 -5.87
CORONAAV_69_KV_TB1 355595	25.40 1.71 0.00	22.12 1.41 0.00	20.96 1.24 0.00	20.96 1.34 -0.18	23.00 1.34 -2.51	24.10 1.62 0.00	38.52 2.92 -0.40	53.48 2.90 -11.45	42.61 2.23 -11.00	33.11 2.37 -4.05	30.30 2.14 -6.07	30.30 2.22 -5.39	29.92 2.02 -7.87	25.95 1.71 -4.37	18.35 1.40 0.31	27.82 2.03 -5.32	31.23 2.49 -3.85	46.13 2.27 -19.40	63.30 1.88 -41.82	55.00 2.04 -32.41	35.12 2.17 -10.56	32.90 1.62 -13.02	30.78 0.96 -19.23	27.71 0.51 -21.21
CORTLAND_115KV_TB3 80093	24.38 0.69 0.00	21.29 0.58 0.00	20.27 0.55 0.00	19.96 0.52 0.00	19.65 0.50 0.00	23.13 0.65 0.00	36.21 0.92 -0.11	43.18 1.10 -2.95	33.14 0.76 -3.00	28.47 0.72 -1.07	24.02 0.49 -1.45	23.88 0.54 -0.65	21.77 0.42 -1.32	20.40 0.46 -0.07	17.73 0.40 -0.06	21.71 0.45 -0.78	26.47 0.57 -1.00	30.48 0.64 -5.38	31.83 0.53 -11.71	30.24 0.62 -9.06	26.05 0.72 -2.95	22.57 0.60 -3.71	15.55 0.34 -4.63	11.16 0.20 -4.97

COXSACKIE___GT 23611	25.14 1.45 0.00	21.97 1.26 0.00	20.90 1.18 0.00	20.55 1.11 0.00	20.22 1.07 0.00	23.60 1.12 0.00	38.36 2.78 -0.39	52.70 2.82 -10.74	42.34 1.64 -11.32	32.08 1.41 -3.99	28.44 0.86 -5.49	25.85 0.75 -2.41	25.55 0.50 -5.02	20.84 0.71 -0.26	18.08 0.57 -0.25	23.92 0.45 -2.99	29.90 1.27 -3.73	46.27 1.42 -20.39	65.22 1.12 -44.51	56.12 1.17 -34.39	34.77 1.19 -11.20	33.20 0.77 -14.18	28.82 0.40 -17.84	25.37 0.19 -19.19
CPV_VALLEY___CC1 323721	24.69 0.99 0.00	21.56 0.85 0.00	20.48 0.77 0.00	20.22 0.78 0.00	19.93 0.79 0.00	23.40 0.92 0.00	37.35 1.83 -0.33	50.48 2.07 -9.27	39.90 1.53 -9.00	31.42 1.44 -3.30	27.64 1.26 -4.30	25.98 1.32 -1.98	25.06 1.18 -3.84	21.21 1.15 -0.18	18.43 0.98 -0.18	23.93 1.19 -2.26	29.51 1.49 -3.12	41.85 1.47 -15.92	55.12 1.16 -34.37	48.45 1.28 -26.62	32.39 1.34 -8.66	30.00 1.02 -10.73	24.26 0.58 -13.09	20.20 0.31 -13.91
CPV_VALLEY___CC2 323722	24.69 0.99 0.00	21.56 0.85 0.00	20.48 0.77 0.00	20.22 0.78 0.00	19.93 0.79 0.00	23.40 0.92 0.00	37.35 1.83 -0.33	50.48 2.07 -9.27	39.90 1.53 -9.00	31.42 1.44 -3.30	27.64 1.26 -4.30	25.98 1.32 -1.98	25.06 1.18 -3.84	21.21 1.15 -0.18	18.43 0.98 -0.18	23.93 1.19 -2.26	29.51 1.49 -3.12	41.85 1.47 -15.92	55.12 1.16 -34.37	48.45 1.28 -26.62	32.39 1.34 -8.66	30.00 1.02 -10.73	24.26 0.58 -13.09	20.20 0.31 -13.91
CRESCENT___HYD 24018	24.52 0.83 0.00	21.43 0.72 0.00	20.41 0.69 0.00	20.12 0.68 0.00	19.90 0.75 0.00	23.40 0.92 0.00	37.33 1.76 -0.38	51.51 1.92 -10.45	42.08 1.41 -11.30	31.76 1.23 -3.85	28.63 0.99 -5.54	26.02 1.00 -2.34	26.07 0.88 -5.16	21.06 0.91 -0.27	18.31 0.78 -0.26	24.46 0.88 -3.10	29.61 1.15 -3.57	46.28 1.17 -20.65	66.02 0.96 -45.46	56.67 1.03 -35.08	34.91 1.10 -11.43	33.78 0.80 -14.72	29.99 0.48 -18.93	26.80 0.26 -20.55
CRICKET___VALLEY_CC1 323756	24.52 0.83 0.00	21.41 0.70 0.00	20.35 0.63 0.00	20.10 0.66 0.00	19.86 0.71 0.00	23.33 0.85 0.00	36.42 1.62 0.39	27.43 1.80 13.51	27.43 1.38 3.33	24.65 1.31 3.34	22.74 1.17 0.51	22.06 1.22 1.85	22.15 1.10 -1.02	21.16 1.05 -0.23	18.39 0.90 -0.22	22.67 1.08 -1.11	22.67 1.37 3.59	25.04 1.32 0.74	25.49 1.04 -4.86	24.58 1.13 -2.89	24.61 1.16 -1.06	24.53 0.88 -5.40	24.61 0.51 -13.52	23.78 0.28 -17.52
CRICKET___VALLEY_CC2 323757	24.52 0.83 0.00	21.41 0.70 0.00	20.35 0.63 0.00	20.10 0.66 0.00	19.86 0.71 0.00	23.33 0.85 0.00	36.42 1.62 0.39	27.43 1.80 13.51	27.43 1.38 3.33	24.65 1.31 3.34	22.74 1.17 0.51	22.06 1.22 1.85	22.15 1.10 -1.02	21.16 1.05 -0.23	18.39 0.90 -0.22	22.67 1.08 -1.11	22.67 1.37 3.59	25.04 1.32 0.74	25.49 1.04 -4.86	24.58 1.13 -2.89	24.61 1.16 -1.06	24.53 0.88 -5.40	24.61 0.51 -13.52	23.78 0.28 -17.52
CRICKET___VALLEY_CC3 323758	24.52 0.83 0.00	21.41 0.70 0.00	20.35 0.63 0.00	20.10 0.66 0.00	19.86 0.71 0.00	23.33 0.85 0.00	36.42 1.62 0.39	27.43 1.80 13.51	27.43 1.38 3.33	24.65 1.31 3.34	22.74 1.17 0.51	22.06 1.22 1.85	22.15 1.10 -1.02	21.16 1.05 -0.23	18.39 0.90 -0.22	22.67 1.08 -1.11	22.67 1.37 3.59	25.04 1.32 0.74	25.49 1.04 -4.86	24.58 1.13 -2.89	24.61 1.16 -1.06	24.53 0.88 -5.40	24.61 0.51 -13.52	23.78 0.28 -17.52
CRUCIBLE_METL_DRP 24180	24.07 0.38 0.00	21.02 0.31 0.00	19.99 0.28 0.00	19.69 0.25 0.00	19.40 0.25 0.00	22.81 0.34 0.00	35.70 0.42 -0.08	41.92 0.51 -2.27	32.04 0.35 -2.32	27.91 0.40 -0.83	23.45 0.24 -1.12	23.48 0.29 -0.50	21.25 0.20 -1.02	20.14 0.22 -0.05	17.53 0.21 -0.05	21.29 0.20 -0.60	25.92 0.25 -0.77	28.91 0.29 -4.15	28.88 0.25 -9.03	27.88 0.33 -6.99	25.09 0.43 -2.28	21.52 0.40 -2.86	14.38 0.22 -3.57	9.96 0.14 -3.83
DAHOWA___HYDRO 323763	24.81 1.11 0.00	21.68 0.97 0.00	20.70 0.99 0.00	20.37 0.93 0.00	20.22 1.07 0.00	23.83 1.35 0.00	38.15 2.57 -0.39	52.81 2.78 -10.89	42.93 1.91 -11.64	32.32 1.63 -4.01	29.04 1.26 -5.69	26.30 1.18 -2.43	26.34 1.04 -5.27	21.24 1.09 -0.28	18.47 0.93 -0.27	24.68 1.04 -3.16	30.01 1.39 -3.73	47.09 1.44 -21.18	67.33 1.22 -46.52	57.79 1.32 -35.91	35.48 1.39 -11.70	34.27 1.02 -14.99	30.35 0.61 -19.15	27.05 0.32 -20.74
DANC___LFGE 323619	23.67 -0.02 0.00	20.65 -0.06 0.00	19.64 -0.08 0.00	19.36 -0.08 0.00	19.09 -0.06 0.00	22.48 0.00 0.00	35.14 -0.11 -0.05	40.57 -0.04 -1.47	30.78 -0.09 -1.49	27.03 -0.19 -0.53	22.54 -0.26 -0.72	22.67 -0.34 -0.32	20.41 -0.28 -0.66	19.61 -0.30 -0.03	17.04 -0.26 -0.03	20.54 -0.33 -0.39	25.10 -0.30 -0.50	27.02 -0.12 -2.68	25.37 -0.06 -5.83	24.99 -0.08 -4.52	22.51 -0.09 -0.21	19.06 -0.02 -0.82	11.95 -0.07 -1.44	8.08 -0.04 -2.14
DANSKAMMER___1 23586	25.02 1.33 0.00	21.83 1.12 0.00	20.72 1.00 0.00	20.45 1.01 0.00	20.16 1.01 0.00	23.62 1.15 0.00	37.94 2.36 -0.38	52.76 2.74 -10.88	41.98 1.97 -10.63	32.38 1.82 -3.89	28.72 1.55 -5.08	26.61 1.59 -2.34	25.99 1.40 -4.55	21.48 1.39 -0.22	18.67 1.19 -0.21	24.59 1.43 -2.68	30.46 1.87 -3.70	45.25 1.86 -18.94	61.97 1.47 -40.90	53.78 1.60 -31.62	34.33 1.66 -10.29	32.27 1.26 -12.76	26.88 0.70 -15.60	22.93 0.36 -16.58
DANSKAMMER___2 23589	25.02 1.33 0.00	21.83 1.12 0.00	20.72 1.00 0.00	20.45 1.01 0.00	20.16 1.01 0.00	23.62 1.15 0.00	37.94 2.36 -0.38	52.76 2.74 -10.88	41.98 1.97 -10.63	32.38 1.82 -3.89	28.72 1.55 -5.08	26.61 1.59 -2.34	25.99 1.40 -4.55	21.48 1.39 -0.22	18.67 1.19 -0.21	24.59 1.43 -2.68	30.46 1.87 -3.70	45.25 1.86 -18.94	61.97 1.47 -40.90	53.78 1.60 -31.62	34.33 1.66 -10.29	32.27 1.26 -12.76	26.88 0.70 -15.60	22.93 0.36 -16.58
DANSKAMMER___3 23590	25.02 1.33 0.00	21.83 1.12 0.00	20.72 1.00 0.00	20.45 1.01 0.00	20.16 1.01 0.00	23.62 1.15 0.00	37.94 2.36 -0.38	52.76 2.74 -10.88	41.98 1.97 -10.63	32.38 1.82 -3.89	28.72 1.55 -5.08	26.61 1.59 -2.34	25.99 1.40 -4.55	21.48 1.39 -0.22	18.67 1.19 -0.21	24.59 1.43 -2.68	30.46 1.87 -3.70	45.25 1.86 -18.94	61.97 1.47 -40.90	53.78 1.60 -31.62	34.33 1.66 -10.29	32.27 1.26 -12.76	26.88 0.70 -15.60	22.93 0.36 -16.58
DANSKAMMER___4 23591	25.02 1.33 0.00	21.83 1.12 0.00	20.72 1.00 0.00	20.45 1.01 0.00	20.16 1.01 0.00	23.62 1.15 0.00	37.94 2.36 -0.38	52.76 2.74 -10.88	41.98 1.97 -10.63	32.38 1.82 -3.89	28.72 1.55 -5.08	26.61 1.59 -2.34	25.99 1.40 -4.55	21.48 1.39 -0.22	18.67 1.19 -0.21	24.59 1.43 -2.68	30.46 1.87 -3.70	45.25 1.86 -18.94	61.97 1.47 -40.90	53.78 1.60 -31.62	34.33 1.66 -10.29	32.27 1.26 -12.76	26.88 0.70 -15.60	22.93 0.36 -16.58
DANSKAMMER___DIESEL 23592	25.02 1.33 0.00	21.83 1.12 0.00	20.72 1.01 0.00	20.45 1.01 0.00	20.16 1.01 0.00	23.62 1.15 0.00	37.90 2.32 -0.38	52.76 2.74 -10.88	42.01 2.00 -10.63	32.38 1.81 -3.89	28.72 1.55 -5.08	26.61 1.59 -2.34	26.01 1.42 -4.55	21.48 1.39 -0.22	18.67 1.19 -0.21	24.59 1.43 -2.68	30.44 1.87 -3.68	45.21 1.86 -18.89	61.89 1.49 -40.80	53.77 1.60 -31.61	34.33 1.66 -10.29	32.27 1.26 -12.76	26.89 0.70 -15.61	22.94 0.36 -16.60

DARBY___SOLAR 323810	24.76 1.07 0.00	21.64 0.93 0.00	20.66 0.95 0.00	20.33 0.89 0.00	20.18 1.03 0.00	23.76 1.28 0.00	37.98 2.39 -0.39	52.60 2.62 -10.84	42.80 1.82 -11.60	32.25 1.57 -3.99	28.97 1.21 -5.67	26.29 1.18 -2.42	26.33 1.04 -5.26	21.22 1.07 -0.28	18.45 0.91 -0.27	24.65 1.02 -3.15	29.97 1.37 -3.71	46.97 1.39 -21.12	67.16 1.18 -46.39	57.65 1.28 -35.82	35.40 1.34 -11.67	34.20 0.99 -14.96	30.31 0.59 -19.13	27.02 0.32 -20.72
DASHVILLE___HYD 23610	24.88 1.18 0.00	21.68 0.97 0.00	20.60 0.89 0.00	20.35 0.91 0.00	20.07 0.92 0.00	23.49 1.01 0.00	37.82 2.25 -0.38	52.36 2.62 -10.59	41.84 1.91 -10.55	32.25 1.76 -3.81	28.46 1.30 -5.07	26.59 1.61 -2.29	25.64 1.02 -4.58	21.29 1.19 -0.23	18.37 0.88 -0.22	24.21 1.02 -2.71	30.28 1.79 -3.60	44.98 1.66 -18.86	61.52 1.04 -40.89	53.35 1.13 -31.66	33.85 1.16 -10.31	32.03 0.89 -12.88	26.98 0.49 -15.91	23.22 0.25 -16.99
DEERFIELD_69_KV_DEERFIELD LD 355887	26.30 2.61 0.00	22.80 2.09 0.00	21.61 1.89 0.00	21.60 1.98 -0.18	23.56 1.90 -2.51	24.93 2.45 0.00	39.57 3.98 -0.40	54.38 3.80 -11.45	43.31 2.94 -11.00	34.06 3.28 -4.10	31.51 3.31 -6.11	31.05 2.97 -5.39	30.86 2.96 -7.87	32.58 2.19 -10.52	37.73 1.78 -18.68	28.91 3.07 -5.36	37.15 3.83 -8.42	47.35 3.45 -19.44	71.90 2.80 -49.50	59.66 3.00 -36.10	43.18 3.27 -17.53	37.89 2.25 -17.39	34.62 1.33 -22.70	27.94 0.74 -21.21
DELAWARE___LFGE 323621	24.62 0.92 0.00	21.50 0.79 0.00	20.46 0.75 0.00	20.20 0.76 0.00	19.92 0.77 0.00	23.38 0.90 0.00	36.92 1.51 -0.22	46.93 1.76 -6.03	36.78 1.26 -6.14	30.02 1.15 -2.19	25.98 0.93 -2.96	24.96 0.95 -1.32	23.57 0.84 -2.69	20.84 0.83 -0.13	18.11 0.71 -0.13	22.94 0.86 -1.60	28.04 1.10 -2.05	36.57 1.10 -11.01	44.39 0.84 -23.95	40.04 0.95 -18.53	29.45 1.03 -6.03	26.67 0.82 -7.59	20.53 0.48 -9.47	16.41 0.26 -10.16
DERFIELD_115KV_TB7 355931	23.79 0.09 0.00	20.79 0.08 0.00	19.77 0.06 0.00	19.50 0.06 0.00	19.23 0.08 0.00	22.57 0.09 0.00	35.38 0.18 -0.01	39.58 0.20 -0.25	29.77 0.15 -0.25	26.90 0.13 -0.09	22.30 0.09 -0.12	22.83 0.09 -0.05	20.24 0.10 -0.11	19.98 0.10 -0.01	17.34 0.07 -0.01	20.64 0.10 -0.07	25.10 0.12 -0.08	25.03 0.12 -0.45	20.65 0.08 -0.98	21.40 0.08 -0.76	23.38 0.09 -0.90	19.19 0.09 -0.85	11.47 0.04 -0.84	6.60 0.02 -0.59
DOGLEVILLE___HYD 23807	24.52 0.83 0.00	21.41 0.70 0.00	20.37 0.65 0.00	20.08 0.64 0.00	19.80 0.65 0.00	23.26 0.79 0.00	36.19 0.98 -0.01	40.75 1.37 -0.25	30.59 0.97 -0.25	27.62 0.85 -0.09	22.76 0.55 -0.12	23.44 0.70 -0.05	20.68 0.54 -0.11	20.53 0.65 -0.01	17.83 0.55 -0.01	21.20 0.66 -0.07	25.65 0.67 -0.08	25.52 0.61 -0.45	21.02 0.45 -0.98	21.75 0.43 -0.76	23.91 0.63 -0.90	19.63 0.53 -0.85	11.74 0.32 -0.84	6.75 0.18 -0.59
DUNKIRK___115KV_TB_200 55889	24.24 0.54 0.00	21.27 0.56 0.00	20.31 0.59 0.00	19.92 0.49 0.00	19.46 0.31 0.00	22.86 0.38 0.00	34.91 -0.39 -0.11	40.99 -1.14 -2.98	31.74 -0.68 -3.04	27.47 -0.29 -1.08	23.40 -0.15 -1.47	23.41 0.07 -0.65	21.45 0.08 -1.33	20.06 0.12 -0.07	17.51 0.17 -0.06	21.25 -0.02 -0.79	25.71 -0.20 -1.02	29.46 -0.44 -5.44	30.97 -0.47 -11.85	29.54 -0.19 -9.17	25.17 -0.20 -2.99	21.83 -0.18 -3.76	15.31 0.04 -4.69	11.15 0.14 -5.03
DUNKIRK___1 23563	24.24 0.54 0.00	21.27 0.56 0.00	20.31 0.59 0.00	19.92 0.49 0.00	19.46 0.31 0.00	22.86 0.38 0.00	34.91 -0.39 -0.11	40.99 -1.14 -2.98	31.74 -0.68 -3.04	27.47 -0.29 -1.08	23.40 -0.15 -1.47	23.41 0.07 -0.65	21.45 0.08 -1.33	20.06 0.12 -0.07	17.51 0.17 -0.06	21.25 -0.02 -0.79	25.71 -0.20 -1.02	29.46 -0.44 -5.44	30.97 -0.47 -11.85	29.54 -0.19 -9.17	25.17 -0.20 -2.99	21.83 -0.18 -3.76	15.31 0.04 -4.69	11.15 0.14 -5.03
DUNKIRK___2 23564	24.24 0.54 0.00	21.27 0.56 0.00	20.31 0.59 0.00	19.92 0.49 0.00	19.46 0.31 0.00	22.86 0.38 0.00	34.91 -0.39 -0.11	40.99 -1.14 -2.98	31.74 -0.68 -3.04	27.47 -0.29 -1.08	23.40 -0.15 -1.47	23.41 0.07 -0.65	21.45 0.08 -1.33	20.06 0.12 -0.07	17.51 0.17 -0.06	21.25 -0.02 -0.79	25.71 -0.20 -1.02	29.46 -0.44 -5.44	30.97 -0.47 -11.85	29.54 -0.19 -9.17	25.17 -0.20 -2.99	21.83 -0.18 -3.76	15.31 0.04 -4.69	11.15 0.14 -5.03
DUNKIRK___3 23565	24.24 0.54 0.00	21.27 0.56 0.00	20.31 0.59 0.00	19.92 0.49 0.00	19.46 0.31 0.00	22.86 0.38 0.00	34.88 -0.42 -0.11	40.99 -1.14 -2.98	31.68 -0.73 -3.04	27.42 -0.35 -1.08	23.35 -0.20 -1.47	23.34 0.00 -0.65	21.41 0.04 -1.33	20.02 0.08 -0.07	17.45 0.12 -0.06	21.21 -0.06 -0.79	25.64 -0.27 -1.02	29.42 -0.49 -5.45	30.96 -0.49 -11.85	29.54 -0.19 -9.17	25.19 -0.18 -2.99	21.85 -0.16 -3.76	15.32 0.05 -4.69	11.15 0.14 -5.03
DUNKIRK___4 23566	24.19 0.50 0.00	21.23 0.52 0.00	20.27 0.55 0.00	19.89 0.45 0.00	19.42 0.27 0.00	22.81 0.34 0.00	34.81 -0.49 -0.11	40.88 -1.21 -2.95	31.62 -0.76 -3.00	27.38 -0.37 -1.07	23.32 -0.22 -1.45	23.33 0.00 -0.65	21.37 0.02 -1.32	19.98 0.04 -0.07	17.44 0.10 -0.06	21.18 -0.08 -0.78	25.60 -0.30 -1.01	29.33 -0.51 -5.39	30.78 -0.53 -11.72	29.40 -0.23 -9.07	25.11 -0.22 -2.95	21.77 -0.20 -3.72	15.25 0.03 -4.64	11.09 0.13 -4.97
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	25.00 1.30 0.00	21.81 1.10 0.00	20.68 0.97 0.00	20.43 0.99 0.00	20.14 1.00 0.00	23.71 1.24 0.00	37.99 2.39 -0.40	53.33 2.74 -11.45	42.49 2.12 -11.00	32.74 2.00 -4.06	29.12 1.79 -5.24	27.01 1.88 -2.44	26.41 1.70 -4.67	21.68 1.59 -0.22	18.83 1.35 -0.21	24.94 1.72 -2.74	30.82 2.09 -3.84	45.82 1.96 -19.40	62.98 1.57 -41.81	54.67 1.71 -32.41	34.70 1.77 -10.54	32.62 1.35 -13.01	27.18 0.78 -15.81	23.15 0.40 -16.77
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	24.88 1.18 0.00	21.70 0.99 0.00	20.62 0.91 0.00	20.35 0.91 0.00	20.07 0.92 0.00	23.53 1.06 0.00	37.68 2.11 -0.37	52.07 2.43 -10.51	41.38 1.76 -10.24	32.05 1.63 -3.74	28.37 1.39 -4.89	26.41 1.47 -2.25	25.72 1.30 -4.38	21.36 1.27 -0.21	18.56 1.09 -0.20	24.37 1.31 -2.58	30.10 1.69 -3.52	44.14 1.66 -18.02	59.83 1.31 -38.92	52.15 1.44 -30.15	33.70 1.50 -9.81	31.56 1.13 -12.17	26.11 0.65 -14.88	22.14 0.34 -15.82
E179THST_138_KV_TB4_REV_LBMP_J 345001	25.14 1.45 0.00	21.87 1.16 0.00	20.72 1.01 0.00	20.41 0.97 0.00	20.11 0.96 0.00	23.58 1.10 0.00	37.81 2.22 -0.40	53.13 2.54 -11.45	42.43 2.06 -11.00	32.71 1.97 -4.06	29.12 1.79 -5.24	27.02 1.88 -2.45	26.40 1.68 -4.68	21.71 1.59 -0.25	18.86 1.35 -0.25	24.94 1.70 -2.76	30.86 2.12 -3.85	45.82 1.96 -19.40	62.92 1.51 -41.81	54.59 1.62 -32.41	34.56 1.63 -10.54	32.55 1.28 -13.01	27.21 0.81 -15.81	23.15 0.40 -16.77
E179THST_13_KV_LOAD 356214	25.23 1.54 0.00	21.95 1.24 0.00	20.78 1.06 0.00	20.49 1.05 0.00	20.16 1.01 0.00	23.65 1.17 0.00	37.95 2.36 -0.40	53.29 2.70 -11.45	42.58 2.20 -11.00	32.84 2.11 -4.06	29.21 1.88 -5.24	27.14 2.00 -2.45	26.50 1.78 -4.68	21.79 1.67 -0.25	18.95 1.43 -0.25	25.04 1.80 -2.76	30.96 2.22 -3.85	45.94 2.08 -19.40	63.02 1.61 -41.81	54.69 1.73 -32.41	34.68 1.75 -10.54	32.64 1.37 -13.01	27.25 0.86 -15.81	23.18 0.42 -16.77

EAST HAMPTON___GT 23717	26.57 2.87 -0.01	23.02 2.30 -0.01	21.83 2.11 0.00	21.80 2.18 -0.19	23.76 2.09 -2.52	25.18 2.70 -0.01	40.78 5.18 -0.41	54.93 4.34 -11.45	43.72 3.35 -11.00	34.41 3.63 -4.10	31.81 3.60 -6.12	31.31 3.22 -5.40	31.23 3.33 -7.87	32.77 2.38 -10.52	37.88 1.93 -18.68	28.77 2.93 -5.36	37.55 4.21 -8.44	47.82 3.89 -19.47	72.29 3.13 -49.56	60.01 3.37 -36.08	43.16 3.24 -17.53	38.13 2.50 -17.37	34.72 1.45 -22.68	27.98 0.80 -21.19
EAST RIVER___6 23660	25.19 1.49 0.00	21.95 1.24 0.00	20.84 1.12 0.00	20.59 1.15 0.00	20.28 1.13 0.00	23.85 1.37 0.00	38.34 2.75 -0.40	53.72 3.13 -11.45	42.87 2.50 -11.00	33.11 2.37 -4.05	29.43 2.10 -5.24	27.34 2.20 -2.45	27.40 1.96 -5.40	26.75 1.89 -4.99	27.03 1.59 -8.18	27.61 1.97 -5.17	31.17 2.41 -3.86	46.22 2.32 -19.43	63.28 1.82 -41.86	54.88 1.93 -32.38	34.89 1.97 -10.54	32.81 1.55 -13.00	27.28 0.91 -15.79	23.18 0.45 -16.74
EAST RIVER___7 23524	25.19 1.49 0.00	21.95 1.24 0.00	20.84 1.12 0.00	20.59 1.15 0.00	20.28 1.13 0.00	23.85 1.37 0.00	38.34 2.75 -0.40	53.72 3.13 -11.45	42.87 2.50 -11.00	33.11 2.37 -4.05	29.43 2.10 -5.24	27.34 2.20 -2.45	27.40 1.96 -5.40	26.75 1.89 -4.99	27.03 1.59 -8.18	27.61 1.97 -5.17	31.17 2.41 -3.86	46.22 2.32 -19.43	63.28 1.82 -41.86	54.88 1.93 -32.38	34.89 1.97 -10.54	32.81 1.55 -13.00	27.28 0.91 -15.79	23.18 0.45 -16.74
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	24.95 1.26 0.00	21.77 1.06 0.00	20.66 0.95 0.00	20.41 0.97 0.00	20.13 0.98 0.00	23.67 1.19 0.00	37.88 2.29 -0.40	53.20 2.62 -11.43	42.39 2.03 -10.99	32.68 1.95 -4.05	29.05 1.72 -5.24	26.94 1.81 -2.44	26.32 1.62 -4.67	21.62 1.53 -0.22	18.78 1.30 -0.21	24.86 1.64 -2.74	30.74 2.02 -3.83	45.75 1.91 -19.38	62.86 1.51 -41.76	54.57 1.64 -32.37	34.62 1.70 -10.53	32.57 1.31 -13.00	27.13 0.75 -15.79	23.12 0.39 -16.74
EAST_HAMPTON___DIESEL 23722	26.57 2.87 -0.01	23.02 2.30 -0.01	21.83 2.11 0.00	21.80 2.18 -0.19	23.76 2.09 -2.52	25.18 2.70 -0.01	40.78 5.18 -0.41	54.93 4.34 -11.45	43.72 3.35 -11.00	34.41 3.63 -4.10	31.81 3.62 -6.12	31.31 3.22 -5.40	31.23 3.33 -7.87	32.77 2.38 -10.52	37.88 1.93 -18.68	28.77 2.93 -5.36	37.55 4.21 -8.44	47.82 3.89 -19.47	72.29 3.13 -49.56	60.01 3.37 -36.08	43.16 3.24 -17.53	38.13 2.50 -17.37	34.72 1.45 -22.68	27.98 0.80 -21.19
EAST_PULASKI___ESR 323781	23.60 -0.09 0.00	20.61 -0.10 0.00	19.60 -0.12 0.00	19.32 -0.12 0.00	19.03 -0.11 0.00	22.39 -0.09 0.00	35.08 -0.18 -0.06	40.58 -0.23 -1.67	30.87 -0.21 -1.70	27.07 -0.21 -0.61	22.64 -0.27 -0.82	22.78 -0.27 -0.37	20.52 -0.26 -0.75	19.65 -0.26 -0.04	17.10 -0.21 -0.04	20.63 -0.29 -0.44	25.14 -0.32 -0.57	27.29 -0.22 -3.05	26.10 -0.14 -6.64	25.58 -0.12 -5.14	23.29 -0.11 -1.02	19.81 -0.02 -1.57	12.74 -0.02 -2.18	8.62 -0.01 -2.64
EAST_RIVER___1 323558	25.14 1.45 0.00	21.91 1.20 0.00	20.78 1.06 0.00	20.53 1.09 0.00	20.22 1.07 0.00	23.80 1.33 0.00	38.24 2.64 -0.40	53.60 3.01 -11.45	42.73 2.35 -11.00	32.98 2.24 -4.05	29.32 1.99 -5.24	27.23 2.09 -2.45	27.30 1.86 -5.40	26.65 1.79 -4.99	26.97 1.52 -8.18	27.53 1.88 -5.17	31.07 2.32 -3.86	46.12 2.23 -19.43	63.18 1.72 -41.86	54.81 1.87 -32.38	34.80 1.88 -10.54	32.73 1.48 -13.00	27.24 0.87 -15.79	23.16 0.44 -16.74
EAST_RIVER___2 323559	25.19 1.49 0.00	21.95 1.24 0.00	20.84 1.12 0.00	20.59 1.15 0.00	20.28 1.13 0.00	23.85 1.37 0.00	38.34 2.75 -0.40	53.72 3.13 -11.45	42.87 2.50 -11.00	33.11 2.37 -4.05	29.43 2.10 -5.24	27.34 2.20 -2.45	27.40 1.96 -5.40	26.75 1.89 -4.99	27.03 1.59 -8.18	27.61 1.97 -5.17	31.17 2.41 -3.86	46.22 2.32 -19.43	63.28 1.82 -41.86	54.88 1.93 -32.38	34.89 1.97 -10.54	32.81 1.55 -13.00	27.28 0.91 -15.79	23.18 0.45 -16.74
EAST___DELAWARE_HYD 23607	25.14 1.45 0.00	21.93 1.22 0.00	20.84 1.12 0.00	20.55 1.11 0.00	20.26 1.11 0.00	23.71 1.24 0.00	37.88 2.36 -0.33	51.38 2.86 -9.39	40.63 2.00 -9.25	31.83 1.79 -3.36	27.96 1.43 -4.43	26.25 1.54 -2.02	25.34 1.32 -3.99	21.42 1.35 -0.19	18.61 1.16 -0.19	24.24 1.41 -2.35	29.84 1.77 -3.17	42.68 1.78 -16.44	56.57 1.41 -35.56	49.62 1.54 -27.52	33.04 1.70 -8.96	30.70 1.30 -11.15	24.99 0.71 -13.70	20.95 0.37 -14.59
EIGHT_POINT___WT_PWR 323820	24.69 0.99 0.00	21.58 0.87 0.00	20.58 0.87 0.00	20.20 0.76 0.00	19.80 0.65 0.00	23.33 0.85 0.00	35.70 0.39 -0.12	42.80 0.35 -3.30	33.09 0.35 -3.36	28.49 0.61 -1.20	24.11 0.40 -1.62	24.14 0.73 -0.72	21.89 0.38 -1.48	20.44 0.50 -0.07	17.77 0.43 -0.07	21.78 0.43 -0.88	26.39 0.37 -1.13	30.76 0.27 -6.03	32.88 0.16 -13.13	30.97 0.37 -10.04	26.17 0.52 -3.27	22.72 0.35 -4.12	15.97 0.25 -5.14	11.70 0.21 -5.51
ELBRIDGE_115KV_TB2 80188	24.07 0.38 0.00	21.02 0.31 0.00	20.01 0.30 0.00	19.71 0.27 0.00	19.40 0.25 0.00	22.81 0.34 0.00	35.70 0.42 -0.09	41.99 0.47 -2.38	32.16 0.35 -2.43	27.95 0.40 -0.86	23.55 0.29 -1.17	23.50 0.29 -0.52	21.34 0.24 -1.07	20.14 0.22 -0.05	17.53 0.21 -0.05	21.36 0.25 -0.63	26.00 0.30 -0.81	29.13 0.32 -4.35	29.34 0.27 -9.47	28.25 0.37 -7.33	25.24 0.47 -2.39	21.64 0.38 -3.00	14.55 0.22 -3.75	10.15 0.14 -4.02
ELEC_TRO_TEK 24086	25.31 1.61 0.00	22.06 1.35 0.00	20.88 1.16 0.00	20.90 1.28 -0.18	22.94 1.28 -2.51	24.01 1.53 0.00	38.38 2.78 -0.40	53.33 2.74 -11.45	42.49 2.12 -11.00	33.00 2.27 -4.05	30.28 2.12 -6.07	30.24 2.16 -5.39	29.92 2.02 -7.87	18.30 1.59 3.16	-5.01 1.31 23.59	27.82 2.03 -5.32	31.21 2.46 -3.86	46.08 2.23 -19.40	63.25 1.82 -41.83	54.95 1.97 -32.41	35.06 2.10 -10.57	32.82 1.53 -13.03	30.74 0.92 -19.24	27.68 0.48 -21.21
ELLENBURG_WT_PWR 323604	24.17 0.47 0.00	21.19 0.48 0.00	20.15 0.43 0.00	19.83 0.39 0.00	19.53 0.38 0.00	22.90 0.43 0.00	35.33 0.14 0.00	38.98 -0.16 0.00	29.49 0.12 0.00	26.57 -0.11 0.00	22.15 0.07 0.00	22.69 0.00 0.00	20.03 0.00 0.00	19.83 -0.04 0.00	17.20 -0.07 0.00	20.44 -0.04 0.00	24.84 -0.05 0.00	24.41 -0.05 0.00	19.67 0.08 0.00	20.37 -0.19 0.00	10.72 -0.63 11.04	8.60 -0.64 9.02	2.54 -0.42 7.62	2.75 -0.28 2.95
ELM_ST_23_KV_LD_REV_LBMP_A 345012	23.86 0.17 0.00	20.94 0.23 0.00	20.01 0.30 0.00	19.63 0.19 0.00	19.17 0.02 0.00	22.50 0.02 0.00	34.52 -0.77 -0.10	40.38 -1.64 -2.88	31.25 -1.06 -2.94	27.11 -0.61 -1.05	23.08 -0.42 -1.42	23.09 -0.23 -0.63	21.14 -0.18 -1.29	19.76 -0.18 -0.06	17.30 -0.03 -0.06	20.96 -0.29 -0.77	25.33 -0.55 -0.98	28.97 -0.76 -5.26	30.35 -0.71 -11.46	29.03 -0.39 -8.86	24.94 -0.34 -2.89	21.61 -0.27 -3.63	15.13 0.01 -4.53	10.96 0.11 -4.86
EMPIRE_CC_1 323656	24.45 0.76 0.00	21.37 0.66 0.00	20.33 0.61 0.00	20.06 0.62 0.00	19.84 0.69 0.00	23.31 0.83 0.00	37.06 1.55 -0.32	49.32 1.64 -8.54	40.66 1.29 -9.99	31.10 1.15 -3.27	28.01 0.95 -4.97	25.64 0.95 -2.00	25.61 0.86 -4.72	21.01 0.87 -0.26	18.26 0.74 -0.25	24.20 0.86 -2.87	29.00 1.12 -2.99	44.13 1.13 -18.55	61.76 0.92 -41.24	53.29 0.97 -31.77	33.80 1.05 -10.36	32.62 0.77 -13.59	28.93 0.45 -17.89	25.84 0.26 -19.60

EMPIRE_CC_2 323658	24.45 0.76 0.00	21.37 0.66 0.00	20.33 0.61 0.00	20.06 0.62 0.00	19.84 0.69 0.00	23.31 0.83 0.00	37.06 1.55 -0.32	49.32 1.64 -8.54	40.66 1.29 -9.99	31.10 1.15 -3.27	28.01 0.95 -4.97	25.64 0.95 -2.00	25.61 0.86 -4.72	21.01 0.87 -0.26	18.26 0.74 -0.25	24.20 0.86 -2.87	29.00 1.12 -2.99	44.13 1.13 -18.55	61.76 0.92 -41.24	53.29 0.97 -31.77	33.80 1.05 -10.36	32.62 0.77 -13.59	28.93 0.45 -17.89	25.84 0.26 -19.60
ENORWICH_115KV_TB1 80156	25.83 2.13 0.00	22.49 1.78 0.00	21.35 1.64 0.00	21.03 1.59 0.00	20.78 1.63 0.00	24.48 2.00 0.00	38.48 3.13 -0.16	47.40 3.80 -4.47	36.45 2.53 -4.55	30.33 2.03 -1.62	25.61 1.33 -2.20	24.94 1.27 -0.98	23.09 1.06 -2.00	21.09 1.11 -0.10	18.28 0.92 -0.10	22.87 1.21 -1.18	28.13 1.72 -1.52	34.64 2.03 -8.15	38.96 1.63 -17.74	35.99 1.71 -13.73	28.65 1.79 -4.47	25.34 1.46 -5.62	18.40 0.80 -7.02	13.97 0.46 -7.52
ERIE_ST__34_KV_TB1-2 80199	24.24 0.54 0.00	21.27 0.56 0.00	20.31 0.59 0.00	19.94 0.51 0.00	19.47 0.33 0.00	22.88 0.40 0.00	34.42 -0.88 -0.10	40.47 -1.60 -2.93	31.30 -1.06 -2.98	27.08 -0.67 -1.06	23.04 -0.49 -1.44	23.03 -0.29 -0.64	21.08 -0.26 -1.31	19.88 -0.06 -0.07	17.21 -0.12 -0.06	20.91 -0.35 -0.78	25.29 -0.60 -1.00	29.00 -0.81 -5.35	30.53 -0.71 -11.65	29.16 -0.41 -9.01	24.89 -0.43 -2.93	21.60 -0.35 -3.69	15.14 -0.05 -4.61	11.01 0.08 -4.94
ERIE_WT_PWR 323693	24.07 0.38 0.00	21.12 0.41 0.00	20.19 0.47 0.00	19.81 0.37 0.00	19.34 0.19 0.00	22.70 0.22 0.00	34.42 -0.88 -0.10	40.61 -1.45 -2.92	31.44 -0.91 -2.97	27.34 -0.40 -1.06	23.19 -0.33 -1.43	23.39 0.07 -0.64	21.18 -0.16 -1.30	19.92 -0.02 -0.07	17.35 0.02 -0.06	21.09 -0.16 -0.77	25.44 -0.45 -0.99	29.13 -0.66 -5.33	30.56 -0.63 -11.59	28.97 -0.33 -8.74	24.96 -0.27 -2.85	21.62 -0.22 -3.58	15.08 0.03 -4.47	10.91 0.13 -4.79
ESPRGFLD_115KV_TB1 80157	24.90 1.21 0.00	21.72 1.01 0.00	20.66 0.95 0.00	20.37 0.93 0.00	20.13 0.98 0.00	23.65 1.17 0.00	37.42 2.01 -0.22	47.58 2.35 -6.09	37.25 1.67 -6.20	30.38 1.49 -2.21	26.23 1.15 -2.99	25.18 1.16 -1.33	23.78 1.02 -2.72	21.04 1.03 -0.14	18.26 0.86 -0.13	23.16 1.06 -1.62	28.34 1.37 -2.07	37.01 1.44 -11.11	44.89 1.12 -24.18	40.46 1.19 -18.71	29.75 1.28 -6.09	26.93 1.00 -7.67	20.73 0.58 -9.56	16.56 0.32 -10.26
ETNA_115_KV_TB1_REV_LBMP_C 345029	24.62 0.92 0.00	21.48 0.77 0.00	20.44 0.73 0.00	20.12 0.68 0.00	19.82 0.67 0.00	23.33 0.85 0.00	36.58 1.27 -0.12	44.10 1.49 -3.48	33.94 1.03 -3.54	28.90 0.96 -1.26	24.44 0.64 -1.71	24.13 0.68 -0.76	22.13 0.54 -1.55	20.53 0.58 -0.08	17.84 0.50 -0.07	21.99 0.59 -0.92	26.85 0.77 -1.18	31.64 0.83 -6.34	34.12 0.73 -13.80	32.08 0.84 -10.68	26.83 0.96 -3.48	23.42 0.79 -4.38	16.49 0.44 -5.46	12.10 0.26 -5.86
ETNA_____115KV_TB2 80207	24.62 0.92 0.00	21.48 0.77 0.00	20.44 0.73 0.00	20.12 0.68 0.00	19.82 0.67 0.00	23.33 0.85 0.00	36.58 1.27 -0.12	44.10 1.49 -3.48	33.94 1.03 -3.54	28.90 0.96 -1.26	24.44 0.64 -1.71	24.13 0.68 -0.76	22.13 0.54 -1.55	20.53 0.58 -0.08	17.84 0.50 -0.07	21.99 0.59 -0.92	26.85 0.77 -1.18	31.64 0.83 -6.34	34.12 0.73 -13.80	32.08 0.84 -10.68	26.83 0.96 -3.48	23.42 0.79 -4.38	16.49 0.44 -5.46	12.10 0.26 -5.86
EUCLID___115KV_TB2 356179	23.67 -0.02 0.00	20.69 -0.02 0.00	19.70 -0.02 0.00	19.40 -0.04 0.00	19.09 -0.06 0.00	22.43 -0.04 0.00	35.09 -0.18 -0.07	40.99 -0.20 -2.05	31.32 -0.15 -2.09	27.34 -0.08 -0.74	23.01 -0.09 -1.01	23.09 -0.05 -0.45	20.87 -0.08 -0.92	19.84 -0.08 -0.05	17.28 -0.03 -0.04	20.94 -0.08 -0.54	25.47 -0.12 -0.70	28.10 -0.10 -3.74	27.67 -0.06 -8.14	26.84 -0.02 -6.30	24.48 0.04 -2.05	20.93 0.09 -2.58	13.86 0.05 -3.22	9.48 0.04 -3.45
E_CANADA_CAP_HY 24051	24.67 0.97 0.00	21.54 0.83 0.00	20.48 0.77 0.00	20.14 0.70 0.00	19.97 0.82 0.00	23.62 1.15 0.00	38.20 2.60 -0.41	53.20 2.78 -11.29	42.97 1.64 -11.95	32.11 1.28 -4.15	28.84 0.93 -5.82	25.86 0.66 -2.51	26.08 0.68 -5.36	20.83 0.68 -0.28	18.12 0.59 -0.27	24.36 0.67 -3.21	29.81 1.05 -3.87	47.39 1.27 -21.65	68.17 1.14 -47.44	58.46 1.25 -36.64	35.51 1.19 -11.94	34.45 0.97 -15.23	30.47 0.55 -19.34	27.12 0.25 -20.89
E_CANADA_MHWK_HY 24050	24.52 0.83 0.00	21.41 0.70 0.00	20.37 0.65 0.00	20.08 0.64 0.00	19.80 0.65 0.00	23.26 0.79 0.00	36.19 0.98 -0.01	40.75 1.37 -0.25	30.59 0.97 -0.25	27.62 0.85 -0.09	22.76 0.55 -0.12	23.44 0.70 -0.05	20.68 0.54 -0.11	20.53 0.65 -0.01	17.83 0.55 -0.01	21.20 0.66 -0.07	25.65 0.67 -0.08	25.52 0.61 -0.45	21.02 0.45 -0.98	21.75 0.43 -0.76	23.91 0.63 -0.90	19.63 0.53 -0.85	11.74 0.32 -0.84	6.75 0.18 -0.59
E_FISHKILL___LBMP 23776	24.78 1.09 0.00	21.62 0.91 0.00	20.54 0.83 0.00	20.27 0.84 0.00	20.01 0.86 0.00	23.51 1.03 0.00	37.57 1.97 -0.41	53.00 2.27 -11.59	42.26 1.73 -11.15	32.44 1.65 -4.11	28.86 1.46 -5.31	26.68 1.52 -2.47	26.13 1.36 -4.74	21.41 1.31 -0.23	18.59 1.11 -0.22	24.65 1.39 -2.78	30.50 1.72 -3.89	45.74 1.61 -19.66	63.26 1.29 -42.38	54.80 1.40 -32.84	34.53 1.46 -10.69	32.56 1.11 -13.19	27.26 0.65 -16.03	23.32 0.34 -17.00
FALCON___SEABRD_CC1 323796	24.52 0.83 0.00	21.50 0.79 0.00	20.45 0.73 0.00	20.12 0.68 0.00	19.80 0.65 0.00	23.24 0.76 0.00	35.58 0.39 0.00	39.10 -0.04 0.00	29.73 0.35 0.00	26.73 0.05 0.00	22.33 0.24 0.00	22.87 0.18 0.00	20.17 0.14 0.00	19.97 0.10 0.00	17.32 0.05 0.00	20.58 0.10 0.00	25.04 0.15 0.00	24.61 0.15 0.00	19.95 0.35 0.00	20.68 0.12 0.00	11.04 -0.34 11.01	8.86 -0.40 9.00	2.68 -0.30 7.60	2.84 -0.20 2.94
FALCON___SEABRD_CC2 323797	24.52 0.83 0.00	21.50 0.79 0.00	20.45 0.73 0.00	20.12 0.68 0.00	19.80 0.65 0.00	23.24 0.76 0.00	35.58 0.39 0.00	39.10 -0.04 0.00	29.73 0.35 0.00	26.73 0.05 0.00	22.33 0.24 0.00	22.87 0.18 0.00	20.17 0.14 0.00	19.97 0.10 0.00	17.32 0.05 0.00	20.58 0.10 0.00	25.04 0.15 0.00	24.61 0.15 0.00	19.95 0.35 0.00	20.68 0.12 0.00	11.04 -0.34 11.01	8.86 -0.40 9.00	2.68 -0.30 7.60	2.84 -0.20 2.94
FAR ROCKAWAY___4 23548	25.57 1.87 0.00	22.26 1.55 0.00	21.08 1.36 0.00	21.10 1.48 -0.18	23.12 1.46 -2.51	24.25 1.78 0.00	38.76 3.17 -0.40	53.79 3.21 -11.45	42.81 2.44 -11.00	33.30 2.56 -4.05	30.48 2.32 -6.07	30.48 2.40 -5.39	30.04 2.14 -7.87	26.22 1.85 -4.50	18.88 1.52 -0.09	27.96 2.17 -5.32	31.43 2.69 -3.85	46.35 2.49 -19.40	63.47 2.06 -41.82	55.19 2.22 -32.41	35.32 2.37 -10.56	33.07 1.79 -13.02	30.86 1.05 -19.23	27.75 0.55 -21.21
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	25.14 1.45 0.00	21.91 1.20 0.00	20.78 1.06 0.00	20.53 1.09 0.00	20.22 1.07 0.00	23.80 1.33 0.00	38.16 2.57 -0.40	53.60 3.01 -11.45	42.73 2.35 -11.00	32.98 2.24 -4.06	29.32 1.99 -5.24	27.23 2.09 -2.45	27.30 1.86 -5.41	26.64 1.77 -5.00	26.97 1.50 -8.20	27.54 1.88 -5.18	31.06 2.32 -3.85	46.06 2.20 -19.40	63.13 1.72 -41.81	54.82 1.85 -32.41	34.83 1.90 -10.54	32.75 1.48 -13.01	27.27 0.87 -15.81	23.19 0.44 -16.77

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	25.14 1.45 0.00	21.91 1.20 0.00	20.78 1.06 0.00	20.53 1.09 0.00	20.22 1.07 0.00	23.80 1.33 0.00	38.16 2.57 -0.40	53.60 3.01 -11.45	42.73 2.35 -11.00	32.98 2.24 -4.06	29.32 1.99 -5.24	27.23 2.09 -2.45	27.30 1.86 -5.41	26.64 1.77 -5.00	26.97 1.50 -8.20	27.54 1.88 -5.18	31.06 2.32 -3.85	46.06 2.20 -19.40	63.13 1.72 -41.81	54.84 1.87 -32.41	34.83 1.90 -10.54	32.77 1.50 -13.01	27.28 0.88 -15.81	23.19 0.44 -16.77
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	25.12 1.42 0.00	21.91 1.20 0.00	20.78 1.06 0.00	20.51 1.07 0.00	20.22 1.07 0.00	23.78 1.30 0.00	38.16 2.57 -0.40	53.56 2.97 -11.45	42.70 2.32 -11.00	32.98 2.24 -4.06	29.30 1.97 -5.24	27.20 2.06 -2.45	27.30 1.86 -5.41	26.64 1.77 -5.00	26.97 1.50 -8.20	27.54 1.88 -5.18	31.04 2.29 -3.85	46.04 2.18 -19.40	63.13 1.72 -41.81	54.82 1.85 -32.41	34.81 1.88 -10.54	32.75 1.48 -13.01	27.27 0.87 -15.81	23.19 0.44 -16.77
FARRAGUT___LBMP 323566	25.12 1.42 0.00	21.89 1.18 0.00	20.76 1.04 0.00	20.51 1.07 0.00	20.20 1.05 0.00	23.78 1.30 0.00	38.13 2.53 -0.40	53.52 2.94 -11.45	42.67 2.29 -11.00	32.95 2.21 -4.06	29.27 1.94 -5.24	27.20 2.06 -2.45	27.28 1.84 -5.41	26.62 1.75 -5.00	26.96 1.49 -8.20	27.52 1.86 -5.18	31.04 2.29 -3.85	46.02 2.15 -19.40	63.11 1.70 -41.81	54.80 1.83 -32.41	34.81 1.88 -10.54	32.73 1.46 -13.01	27.25 0.86 -15.81	23.18 0.43 -16.77
FENNER___WINDPWR 24204	24.40 0.71 0.00	21.31 0.60 0.00	20.27 0.55 0.00	19.96 0.53 0.00	19.68 0.54 0.00	23.15 0.67 0.00	36.18 0.91 -0.07	42.44 1.29 -2.01	32.30 0.88 -2.05	28.16 0.75 -0.73	23.54 0.46 -0.99	23.65 0.52 -0.44	21.31 0.38 -0.90	20.35 0.44 -0.04	17.68 0.36 -0.04	21.48 0.47 -0.53	26.17 0.60 -0.69	28.81 0.68 -3.67	28.15 0.57 -7.99	27.33 0.60 -6.17	25.11 0.72 -2.01	21.37 0.58 -2.53	14.05 0.31 -3.16	9.54 0.17 -3.38
FIBERTEK___ENERGY 23856	24.07 0.38 0.00	21.02 0.31 0.00	19.99 0.28 0.00	19.69 0.25 0.00	19.40 0.25 0.00	22.81 0.34 0.00	35.70 0.42 -0.08	41.92 0.51 -2.27	32.04 0.35 -2.32	27.91 0.40 -0.83	23.45 0.24 -1.12	23.48 0.29 -0.50	21.25 0.20 -1.02	20.14 0.22 -0.05	17.53 0.21 -0.05	21.29 0.20 -0.60	25.92 0.25 -0.77	28.91 0.29 -4.15	28.88 0.25 -9.03	27.88 0.33 -6.99	25.09 0.43 -2.28	21.52 0.40 -2.86	14.38 0.22 -3.57	9.96 0.14 -3.83
FITZPATRICK____ 23598	23.27 -0.43 0.00	20.32 -0.39 0.00	19.34 -0.38 0.00	19.07 -0.37 0.00	18.77 -0.38 0.00	22.05 -0.43 0.00	34.40 -0.84 -0.05	39.68 -0.94 -1.48	30.18 -0.71 -1.51	26.63 -0.59 -0.54	22.29 -0.53 -0.73	22.49 -0.52 -0.32	20.24 -0.46 -0.66	19.45 -0.46 -0.03	16.92 -0.38 -0.03	20.40 -0.47 -0.39	24.80 -0.60 -0.51	26.58 -0.59 -2.71	25.03 -0.45 -5.89	24.67 -0.45 -4.56	23.44 -0.43 -1.49	19.83 -0.29 -1.87	12.76 -0.16 -2.33	8.40 -0.08 -2.50
FLOWRFLD_69_KV_BK1 356044	25.76 2.06 0.00	22.37 1.66 0.00	21.19 1.48 0.00	21.19 1.57 -0.18	23.19 1.53 -2.51	24.43 1.96 0.00	38.83 3.24 -0.40	53.52 2.94 -11.45	42.70 2.32 -11.00	33.51 2.72 -4.10	30.92 2.72 -6.12	30.60 2.52 -5.39	30.40 2.50 -7.87	32.14 1.77 -10.50	37.30 1.40 -18.63	28.44 2.60 -5.37	37.35 3.14 -9.32	46.67 2.76 -19.45	72.88 2.27 -51.01	59.83 2.45 -36.82	43.95 2.66 -18.90	38.33 1.83 -18.25	35.09 1.12 -23.38	27.81 0.61 -21.21
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	25.04 1.35 0.00	21.85 1.14 0.00	20.74 1.03 0.00	20.47 1.03 0.00	20.18 1.03 0.00	23.65 1.17 0.00	37.94 2.36 -0.39	52.87 2.78 -10.95	42.09 2.03 -10.69	32.43 1.84 -3.91	28.76 1.57 -5.11	26.65 1.61 -2.35	26.05 1.44 -4.58	21.50 1.41 -0.22	18.69 1.21 -0.21	24.62 1.45 -2.69	30.49 1.89 -3.71	45.35 1.88 -19.00	62.15 1.51 -41.04	53.98 1.62 -31.80	34.41 1.68 -10.35	32.37 1.28 -12.83	26.98 0.70 -15.69	23.04 0.37 -16.69
FORT ORANGE____ 23900	24.33 0.64 0.00	21.31 0.60 0.00	20.23 0.51 0.00	19.96 0.53 0.00	19.68 0.54 0.00	23.13 0.65 0.00	36.95 1.37 -0.38	51.05 1.29 -10.62	41.74 0.82 -11.55	31.53 0.83 -4.02	28.22 0.51 -5.62	25.62 0.50 -2.43	25.59 0.38 -5.18	20.68 0.54 -0.27	17.99 0.47 -0.26	23.96 0.39 -3.10	29.31 0.67 -3.74	46.08 0.71 -20.91	65.99 0.59 -45.81	56.55 0.62 -35.38	34.56 0.65 -11.52	33.39 0.44 -14.69	29.50 0.26 -18.65	26.26 0.13 -20.14
FORT_DRUM_COGEN 23780	23.81 0.12 0.00	20.77 0.06 0.00	19.72 0.00 0.00	19.44 0.00 0.00	19.21 0.06 0.00	22.61 0.13 0.00	35.34 0.11 -0.04	40.56 0.27 -1.14	30.69 0.15 -1.16	26.99 -0.11 -0.41	22.36 -0.29 -0.56	22.57 -0.36 -0.25	20.22 -0.32 -0.51	19.58 -0.32 -0.03	16.98 -0.31 -0.02	20.41 -0.37 -0.30	25.01 -0.27 -0.39	26.55 0.00 -2.09	24.18 0.04 -4.55	24.06 -0.02 -3.52	21.34 -0.09 0.96	17.98 0.00 0.28	10.80 -0.13 -0.35	7.27 -0.08 -1.37
FPL_FAR_ROCK_GT1 24212	25.57 1.87 -0.01	22.27 1.55 -0.01	21.07 1.36 0.00	21.10 1.48 -0.19	23.12 1.45 -2.52	24.26 1.78 -0.01	38.88 3.27 -0.41	53.83 3.25 -11.45	42.87 2.50 -11.00	33.30 2.56 -4.06	30.46 2.30 -6.08	30.49 2.40 -5.40	30.13 2.22 -7.87	26.22 1.85 -4.50	18.88 1.52 -0.09	27.93 2.13 -5.32	31.45 2.69 -3.87	46.45 2.57 -19.43	63.55 2.08 -41.88	55.21 2.26 -32.39	35.27 2.33 -10.56	33.05 1.79 -13.01	30.84 1.05 -19.21	27.73 0.55 -21.19
FPL_FAR_ROCK_GT2 23815	25.57 1.87 -0.01	22.27 1.55 -0.01	21.07 1.36 0.00	21.10 1.48 -0.19	23.12 1.45 -2.52	24.26 1.78 -0.01	38.88 3.27 -0.41	53.83 3.25 -11.45	42.87 2.50 -11.00	33.30 2.56 -4.06	30.46 2.30 -6.08	30.49 2.40 -5.40	30.13 2.22 -7.87	26.22 1.85 -4.50	18.88 1.52 -0.09	27.93 2.13 -5.32	31.45 2.69 -3.87	46.45 2.57 -19.43	63.55 2.08 -41.88	55.21 2.26 -32.39	35.27 2.33 -10.56	33.05 1.79 -13.01	30.84 1.05 -19.21	27.73 0.55 -21.19
FRANKLIN_FALL_HYD 24054	24.17 0.47 0.00	21.17 0.46 0.00	20.15 0.43 0.00	19.85 0.41 0.00	19.53 0.38 0.00	22.88 0.40 0.00	35.31 0.11 -0.01	39.33 0.00 -0.19	29.72 0.15 -0.19	26.72 -0.03 -0.07	22.14 -0.04 -0.09	22.64 -0.09 -0.04	19.96 -0.16 -0.09	19.74 -0.14 0.00	17.10 -0.17 0.00	20.40 -0.12 -0.05	24.78 -0.17 -0.07	24.66 -0.15 -0.35	20.34 -0.02 -0.76	20.88 -0.27 -0.59	11.74 -0.60 10.04	9.51 -0.62 8.12	3.41 -0.40 6.77	3.33 -0.25 2.41
FREEPORT_EQUS_GT1 23764	25.53 1.82 -0.01	22.21 1.49 -0.01	21.02 1.30 0.00	21.04 1.42 -0.19	23.08 1.42 -2.52	24.22 1.73 -0.01	38.91 3.31 -0.41	53.60 3.01 -11.45	42.69 2.32 -11.00	33.19 2.45 -4.06	30.46 2.30 -6.08	30.40 2.32 -5.40	30.17 2.26 -7.87	28.21 1.73 -6.61	25.29 1.42 -6.60	27.87 2.07 -5.32	31.48 2.69 -3.90	46.41 2.52 -19.43	63.56 2.04 -41.93	55.18 2.20 -32.42	35.22 2.24 -10.60	32.99 1.70 -13.03	30.83 1.02 -19.23	27.71 0.54 -21.19
FREEPORT___CT2 23818	25.53 1.82 -0.01	22.21 1.49 -0.01	21.02 1.30 0.00	21.04 1.42 -0.19	23.08 1.42 -2.52	24.22 1.73 -0.01	38.91 3.31 -0.41	53.60 3.01 -11.45	42.69 2.32 -11.00	33.19 2.45 -4.06	30.46 2.30 -6.08	30.40 2.32 -5.40	30.17 2.26 -7.87	28.21 1.73 -6.61	25.29 1.42 -6.60	27.87 2.07 -5.32	31.48 2.69 -3.90	46.41 2.52 -19.43	63.56 2.04 -41.93	55.18 2.20 -32.42	35.22 2.24 -10.60	32.99 1.70 -13.03	30.83 1.02 -19.23	27.71 0.54 -21.19



FRESHKLS_33_KV_LOAD 356253	25.21 1.52 0.00	21.93 1.22 0.00	20.76 1.04 0.00	20.47 1.03 0.00	20.16 1.01 0.00	23.62 1.15 0.00	34.45 2.15 2.89	35.50 2.50 6.15	35.48 2.03 -4.08	32.68 1.95 -4.06	29.08 1.74 -5.24	27.02 1.88 -2.45	27.09 1.66 -5.40	26.44 1.57 -4.99	26.79 1.33 -8.19	27.35 1.70 -5.17	30.89 2.14 -3.85	35.44 1.98 -9.00	35.43 1.55 -14.28	35.50 1.64 -13.30	34.59 1.66 -10.54	32.57 1.30 -13.01	27.24 0.85 -15.81	23.16 0.41 -16.77
FULTON COGEN____ 23766	23.60 -0.09 0.00	20.61 -0.10 0.00	19.62 -0.10 0.00	19.34 -0.10 0.00	19.03 -0.11 0.00	22.39 -0.09 0.00	35.05 -0.21 -0.07	40.70 -0.27 -1.84	31.04 -0.21 -1.87	27.21 -0.13 -0.67	22.77 -0.22 -0.90	22.95 -0.14 -0.40	20.65 -0.20 -0.82	19.75 -0.16 -0.04	17.19 -0.12 -0.04	20.76 -0.20 -0.49	25.25 -0.27 -0.63	27.57 -0.24 -3.36	26.74 -0.16 -7.30	26.09 -0.12 -5.65	24.16 -0.07 -1.84	20.63 0.05 -2.31	13.49 0.02 -2.89	9.10 0.02 -3.10
FULTON____LFGE 323630	25.52 1.82 0.00	22.26 1.55 0.00	21.15 1.44 0.00	20.76 1.32 0.00	20.60 1.45 0.00	24.41 1.93 0.00	38.87 3.27 -0.41	54.77 4.34 -11.29	44.05 2.73 -11.95	33.02 2.19 -4.15	29.12 1.21 -5.82	26.43 1.22 -2.51	26.30 0.90 -5.36	21.36 1.21 -0.28	18.62 1.09 -0.27	24.92 1.23 -3.21	30.31 1.54 -3.87	47.85 1.74 -21.65	68.57 1.53 -47.44	58.87 1.66 -36.64	36.38 2.06 -11.94	35.03 1.55 -15.23	30.81 0.89 -19.34	27.30 0.43 -20.89
G.F.CEMENT____DRP 24184	24.93 1.23 0.00	21.77 1.06 0.00	20.84 1.12 0.00	20.49 1.05 0.00	20.39 1.24 0.00	24.05 1.57 0.00	38.51 2.92 -0.40	53.37 3.25 -10.98	43.33 2.20 -11.75	32.61 1.87 -4.06	29.28 1.46 -5.74	26.49 1.34 -2.46	26.54 1.20 -5.30	21.40 1.25 -0.28	18.61 1.07 -0.27	24.90 1.25 -3.18	30.20 1.54 -3.77	47.34 1.57 -21.32	67.71 1.33 -46.78	58.17 1.46 -36.15	35.73 1.57 -11.78	34.44 1.11 -15.07	30.47 0.67 -19.22	27.12 0.35 -20.79
GARDENVILLE____LBMP 24039	23.98 0.28 0.00	21.04 0.33 0.00	20.11 0.39 0.00	19.73 0.29 0.00	19.26 0.11 0.00	22.61 0.13 0.00	34.56 -0.74 -0.10	40.49 -1.57 -2.92	31.35 -1.00 -2.97	27.18 -0.56 -1.06	23.13 -0.40 -1.44	23.14 -0.18 -0.64	21.18 -0.16 -1.30	19.82 -0.12 -0.07	17.30 -0.03 -0.06	20.99 -0.27 -0.77	25.39 -0.50 -1.00	29.08 -0.71 -5.33	30.53 -0.67 -11.60	29.17 -0.37 -8.98	24.97 -0.34 -2.92	21.68 -0.26 -3.68	15.18 0.01 -4.59	11.02 0.11 -4.92
GARDNVLA_35_KV_LD 355827	24.10 0.40 0.00	21.14 0.43 0.00	20.21 0.49 0.00	19.83 0.39 0.00	19.36 0.21 0.00	22.72 0.25 0.00	34.70 -0.60 -0.10	40.65 -1.41 -2.92	31.46 -0.88 -2.97	27.28 -0.45 -1.06	23.21 -0.31 -1.43	23.23 -0.09 -0.64	21.28 -0.06 -1.30	19.90 -0.04 -0.07	17.37 0.03 -0.06	21.07 -0.18 -0.77	25.49 -0.40 -0.99	29.17 -0.61 -5.32	30.59 -0.59 -11.58	29.25 -0.27 -8.96	25.06 -0.25 -2.92	21.73 -0.20 -3.67	15.22 0.05 -4.58	11.04 0.14 -4.91
GELCKHM__115KV_LOAD 80723	23.81 0.12 0.00	20.79 0.08 0.00	19.79 0.08 0.00	19.50 0.06 0.00	19.19 0.04 0.00	22.57 0.09 0.00	35.30 0.04 -0.08	41.31 0.04 -2.13	31.58 0.03 -2.17	27.56 0.11 -0.77	23.18 0.04 -1.05	23.22 0.07 -0.47	21.01 0.02 -0.95	19.94 0.02 -0.05	17.37 0.05 -0.05	21.06 0.02 -0.57	25.64 0.02 -0.73	28.38 0.02 -3.89	28.12 0.06 -8.47	27.21 0.10 -6.55	24.70 0.18 -2.13	21.14 0.20 -2.68	14.05 0.12 -3.35	9.65 0.07 -3.59
GENERAL____MILLS 23808	24.05 0.36 0.00	21.12 0.41 0.00	20.17 0.45 0.00	19.79 0.35 0.00	19.32 0.17 0.00	22.70 0.22 0.00	34.63 -0.67 -0.10	40.57 -1.49 -2.92	31.41 -0.94 -2.97	27.23 -0.51 -1.06	23.17 -0.35 -1.43	23.19 -0.14 -0.64	21.22 -0.12 -1.30	19.86 -0.08 -0.07	17.33 0.00 -0.06	21.03 -0.23 -0.77	25.44 -0.45 -0.99	29.13 -0.66 -5.33	30.56 -0.63 -11.59	29.20 -0.33 -8.97	25.01 -0.29 -2.92	21.69 -0.24 -3.67	15.20 0.03 -4.59	11.03 0.13 -4.92
GE_PLASTICS____DRP 24183	24.31 0.62 0.00	21.27 0.56 0.00	20.21 0.49 0.00	19.94 0.51 0.00	19.67 0.52 0.00	23.08 0.61 0.00	36.78 1.20 -0.39	51.29 1.25 -10.89	41.86 0.91 -11.57	31.56 0.85 -4.03	28.37 0.64 -5.64	25.76 0.64 -2.44	25.81 0.58 -5.19	20.78 0.64 -0.27	18.08 0.55 -0.26	24.18 0.59 -3.11	29.48 0.77 -3.82	46.39 0.78 -21.14	66.47 0.63 -46.25	57.00 0.68 -35.76	34.77 0.74 -11.65	33.59 0.53 -14.81	29.63 0.32 -18.73	26.35 0.17 -20.20
GILBOA____1 23756	24.40 0.71 0.00	21.31 0.60 0.00	20.35 0.63 0.00	20.08 0.64 0.00	19.80 0.65 0.00	23.17 0.70 0.00	36.88 1.34 -0.35	50.50 1.45 -9.91	40.55 1.09 -10.09	31.29 1.01 -3.60	27.82 0.86 -4.87	25.77 0.91 -2.17	25.26 0.80 -4.43	20.89 0.80 -0.22	18.16 0.67 -0.21	23.90 0.80 -2.63	29.27 1.00 -3.38	43.46 0.91 -18.09	59.63 0.67 -39.37	51.74 0.74 -30.44	33.19 0.90 -9.91	31.42 0.69 -12.47	26.55 0.40 -15.56	22.90 0.23 -16.69
GILBOA____2 23757	24.40 0.71 0.00	21.31 0.60 0.00	20.35 0.63 0.00	20.08 0.64 0.00	19.80 0.65 0.00	23.17 0.70 0.00	36.88 1.34 -0.35	50.50 1.45 -9.91	40.55 1.09 -10.09	31.29 1.01 -3.60	27.82 0.86 -4.87	25.77 0.91 -2.17	25.26 0.80 -4.43	20.89 0.80 -0.22	18.16 0.67 -0.21	23.90 0.80 -2.63	29.27 1.00 -3.38	43.46 0.91 -18.09	59.63 0.67 -39.37	51.74 0.74 -30.44	33.19 0.90 -9.91	31.42 0.69 -12.47	26.55 0.40 -15.56	22.90 0.23 -16.69
GILBOA____3 23758	24.40 0.71 0.00	21.31 0.60 0.00	20.35 0.63 0.00	20.08 0.64 0.00	19.80 0.65 0.00	23.17 0.70 0.00	36.88 1.34 -0.35	50.50 1.45 -9.91	40.55 1.09 -10.09	31.29 1.01 -3.60	27.82 0.86 -4.87	25.77 0.91 -2.17	25.26 0.80 -4.43	20.89 0.80 -0.22	18.16 0.67 -0.21	23.90 0.80 -2.63	29.27 1.00 -3.38	43.46 0.91 -18.09	59.63 0.67 -39.37	51.74 0.74 -30.44	33.19 0.90 -9.91	31.42 0.69 -12.47	26.55 0.40 -15.56	22.90 0.23 -16.69
GILBOA____4 23759	24.40 0.71 0.00	21.31 0.60 0.00	20.35 0.63 0.00	20.08 0.64 0.00	19.80 0.65 0.00	23.17 0.70 0.00	36.88 1.34 -0.35	50.50 1.45 -9.91	40.55 1.09 -10.09	31.29 1.01 -3.60	27.82 0.86 -4.87	25.77 0.91 -2.17	25.26 0.80 -4.43	20.89 0.80 -0.22	18.16 0.67 -0.21	23.90 0.80 -2.63	29.27 1.00 -3.38	43.46 0.91 -18.09	59.63 0.67 -39.37	51.74 0.74 -30.44	33.19 0.90 -9.91	31.42 0.69 -12.47	26.55 0.40 -15.56	22.90 0.23 -16.69
GILBOA____ 23599	24.40 0.71 0.00	21.31 0.60 0.00	20.35 0.63 0.00	20.08 0.64 0.00	19.80 0.65 0.00	23.17 0.70 0.00	36.85 1.30 -0.35	50.50 1.45 -9.91	40.55 1.09 -10.09	31.29 1.01 -3.60	27.82 0.86 -4.87	25.74 0.88 -2.17	25.26 0.80 -4.43	20.89 0.79 -0.22	18.16 0.67 -0.21	23.93 0.82 -2.63	29.27 1.00 -3.38	43.43 0.88 -18.09	59.63 0.67 -39.37	51.76 0.74 -30.46	33.22 0.92 -9.92	31.43 0.69 -12.48	26.56 0.40 -15.57	22.91 0.23 -16.70
GINNA____ 23603	22.86 -0.83 0.00	19.94 -0.77 0.00	18.99 -0.73 0.00	18.72 -0.72 0.00	18.36 -0.79 0.00	21.65 -0.83 0.00	33.87 -1.41 -0.09	39.94 -1.61 -2.40	30.68 -1.15 -2.45	26.65 -0.91 -0.87	22.49 -0.77 -1.18	22.37 -0.84 -0.53	20.37 -0.74 -1.07	19.13 -0.80 -0.05	16.73 -0.59 -0.05	20.36 -0.76 -0.64	24.71 -1.00 -0.82	27.83 -1.00 -4.38	28.31 -0.80 -9.52	27.24 -0.72 -7.40	24.08 -0.72 -2.41	20.69 -0.60 -3.03	14.05 -0.32 -3.78	9.90 -0.14 -4.06

GLEN PARK____ 23778	23.88 0.19 0.00	20.81 0.10 0.00	19.77 0.06 0.00	19.48 0.04 0.00	19.26 0.12 0.00	22.68 0.20 0.00	35.41 0.18 -0.04	40.80 0.47 -1.19	30.82 0.23 -1.21	27.06 -0.05 -0.43	22.43 -0.24 -0.58	22.61 -0.34 -0.26	20.28 -0.28 -0.53	19.62 -0.28 -0.03	17.02 -0.28 -0.03	20.46 -0.33 -0.31	25.10 -0.20 -0.40	26.73 0.10 -2.17	24.45 0.14 -4.72	24.27 0.06 -3.65	21.63 0.04 0.80	18.20 0.07 0.13	10.99 -0.09 -0.49	7.40 -0.05 -1.47
GLENDALE_27_KV_LOAD 356172	25.16 1.47 0.00	21.93 1.22 0.00	20.78 1.06 0.00	20.49 1.05 0.00	20.18 1.03 0.00	23.74 1.26 0.00	38.09 2.50 -0.40	53.48 2.90 -11.45	42.70 2.32 -11.00	32.95 2.21 -4.06	29.32 1.99 -5.24	27.25 2.11 -2.45	27.32 1.86 -5.43	26.77 1.77 -5.13	27.19 1.50 -8.42	27.60 1.88 -5.24	31.09 2.34 -3.85	46.06 2.20 -19.40	63.11 1.70 -41.81	54.78 1.81 -32.41	34.79 1.86 -10.54	32.71 1.44 -13.01	27.28 0.88 -15.81	23.18 0.43 -16.77
GLENWOOD_IC_1_G5 23712	25.45 1.75 0.00	22.16 1.45 0.00	20.98 1.26 0.00	21.00 1.38 -0.18	23.04 1.38 -2.51	24.14 1.66 0.00	38.59 2.99 -0.40	53.56 2.97 -11.45	42.70 2.32 -11.00	33.19 2.45 -4.05	30.43 2.27 -6.07	30.39 2.31 -5.39	30.04 2.14 -7.87	26.32 1.69 -4.76	19.55 1.40 -0.88	27.96 2.17 -5.32	31.41 2.64 -3.87	46.28 2.42 -19.40	63.44 1.98 -41.87	55.13 2.14 -32.43	35.27 2.28 -10.60	32.98 1.68 -13.05	30.83 0.99 -19.25	27.72 0.52 -21.21
GLENWOOD_IC_2_G1 23688	25.38 1.68 -0.01	22.11 1.39 -0.01	20.94 1.22 0.00	20.97 1.34 -0.19	22.99 1.32 -2.52	24.08 1.60 -0.01	38.73 3.13 -0.41	53.52 2.94 -11.45	42.67 2.29 -11.00	33.12 2.37 -4.06	30.35 2.19 -6.08	30.33 2.25 -5.40	30.05 2.14 -7.87	25.43 1.67 -3.89	16.82 1.36 1.82	27.79 1.99 -5.32	31.33 2.56 -3.87	46.28 2.40 -19.43	63.42 1.94 -41.88	55.05 2.10 -32.39	35.07 2.13 -10.56	32.89 1.62 -13.01	30.76 0.96 -19.21	27.68 0.50 -21.19
GLENWOOD_IC_3_G1 23689	25.38 1.68 -0.01	22.11 1.39 -0.01	20.94 1.22 0.00	20.97 1.34 -0.19	22.99 1.32 -2.52	24.08 1.60 -0.01	38.73 3.13 -0.41	53.52 2.94 -11.45	42.67 2.29 -11.00	33.12 2.37 -4.06	30.35 2.19 -6.08	30.33 2.25 -5.40	30.05 2.14 -7.87	25.43 1.67 -3.89	16.82 1.36 1.82	27.79 1.99 -5.32	31.33 2.56 -3.87	46.28 2.40 -19.43	63.42 1.94 -41.88	55.05 2.10 -32.39	35.07 2.13 -10.56	32.89 1.62 -13.01	30.76 0.96 -19.21	27.68 0.50 -21.19
GLENWOOD____4 23550	25.45 1.75 0.00	22.16 1.45 0.00	20.98 1.26 0.00	21.00 1.38 -0.18	23.04 1.38 -2.51	24.14 1.66 0.00	38.59 2.99 -0.40	53.56 2.97 -11.45	42.70 2.32 -11.00	33.19 2.45 -4.05	30.43 2.27 -6.07	30.39 2.31 -5.39	30.04 2.14 -7.87	26.32 1.69 -4.76	19.55 1.40 -0.88	27.96 2.17 -5.32	31.41 2.64 -3.87	46.28 2.42 -19.40	63.44 1.98 -41.87	55.13 2.14 -32.43	35.27 2.28 -10.60	32.98 1.68 -13.05	30.83 0.99 -19.25	27.72 0.52 -21.21
GLENWOOD____5 23614	25.45 1.75 0.00	22.16 1.45 0.00	20.98 1.26 0.00	21.00 1.38 -0.18	23.04 1.38 -2.51	24.14 1.66 0.00	38.59 2.99 -0.40	53.56 2.97 -11.45	42.70 2.32 -11.00	33.19 2.45 -4.05	30.43 2.27 -6.07	30.39 2.31 -5.39	30.04 2.14 -7.87	26.32 1.69 -4.76	19.55 1.40 -0.88	27.96 2.17 -5.32	31.41 2.64 -3.87	46.28 2.42 -19.40	63.44 1.98 -41.87	55.13 2.14 -32.43	35.27 2.28 -10.60	32.98 1.68 -13.05	30.83 0.99 -19.25	27.72 0.52 -21.21
GLOBAL GREEN_PORT_GT1 23814	26.52 2.82 -0.01	22.98 2.26 -0.01	21.79 2.07 0.00	21.76 2.14 -0.19	23.72 2.05 -2.52	25.14 2.65 -0.01	40.60 5.00 -0.41	54.85 4.27 -11.45	43.66 3.29 -11.00	34.36 3.58 -4.10	31.70 3.49 -6.12	31.26 3.18 -5.40	31.11 3.20 -7.87	32.73 2.34 -10.52	37.86 1.92 -18.68	28.73 2.89 -5.36	37.42 4.08 -8.44	47.69 3.77 -19.47	72.19 3.04 -49.56	59.91 3.27 -36.08	43.11 3.20 -17.53	38.09 2.46 -17.37	34.69 1.43 -22.68	27.97 0.79 -21.19
GLOBE____DSASP 323697	23.08 -0.62 0.00	20.27 -0.43 0.00	19.38 -0.34 0.00	19.03 -0.41 0.00	18.57 -0.57 0.00	21.78 -0.70 0.00	33.64 -1.65 -0.10	39.21 -2.74 -2.81	30.38 -1.85 -2.86	26.39 -1.31 -1.02	22.52 -0.95 -1.38	22.51 -0.79 -0.61	20.65 -0.64 -1.25	19.18 -0.76 -0.06	16.90 -0.43 -0.06	20.44 -0.78 -0.74	24.68 -1.17 -0.96	28.19 -1.39 -5.12	29.47 -1.27 -11.15	28.21 -0.95 -8.60	24.32 -0.87 -2.81	21.13 -0.66 -3.53	14.80 -0.19 -4.41	10.71 0.00 -4.73
GOETHSLN____LBMP 323567	24.97 1.28 0.00	21.79 1.08 0.00	20.66 0.95 0.00	20.39 0.95 0.00	20.11 0.96 0.00	23.67 1.19 0.00	37.92 2.32 -0.40	53.33 2.74 -11.45	42.52 2.14 -11.00	32.82 2.08 -4.06	29.16 1.83 -5.24	27.09 1.95 -2.45	27.18 1.74 -5.41	26.54 1.67 -5.00	26.89 1.42 -8.20	27.41 1.76 -5.18	30.91 2.17 -3.85	45.87 2.01 -19.40	63.00 1.59 -41.81	54.67 1.71 -32.41	34.65 1.72 -10.54	32.66 1.39 -13.01	27.21 0.81 -15.81	23.16 0.41 -16.77
GOLAH____69_KV_TB 1_2 80279	23.98 0.28 0.00	21.00 0.29 0.00	20.01 0.30 0.00	19.71 0.27 0.00	19.34 0.19 0.00	22.77 0.29 0.00	35.49 0.21 -0.09	41.52 -0.08 -2.46	31.94 0.06 -2.50	27.84 0.27 -0.89	23.56 0.27 -1.21	23.59 0.36 -0.54	21.39 0.26 -1.10	20.09 0.16 -0.05	17.60 0.28 -0.05	21.31 0.18 -0.65	25.88 0.15 -0.84	29.05 0.10 -4.49	29.41 0.04 -9.77	28.37 0.25 -7.56	25.21 0.36 -2.46	21.65 0.29 -3.10	14.70 0.25 -3.87	10.35 0.22 -4.15
GOODYEAR_LAKE_HYD 323669	24.81 1.11 0.00	21.64 0.93 0.00	20.60 0.89 0.00	20.31 0.87 0.00	20.05 0.90 0.00	23.53 1.06 0.00	37.24 1.83 -0.22	47.38 2.15 -6.09	37.10 1.53 -6.20	30.25 1.36 -2.21	26.14 1.06 -2.99	25.11 1.09 -1.33	23.71 0.96 -2.72	20.96 0.95 -0.14	18.21 0.81 -0.13	23.08 0.98 -1.62	28.24 1.27 -2.07	36.89 1.32 -11.11	44.79 1.02 -24.18	40.36 1.09 -18.71	29.66 1.19 -6.09	26.87 0.95 -7.67	20.69 0.54 -9.56	16.55 0.31 -10.26
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	24.36 0.66 0.00	21.29 0.58 0.00	20.27 0.55 0.00	19.96 0.52 0.00	19.63 0.48 0.00	23.06 0.58 0.00	36.05 0.70 -0.16	44.28 0.70 -4.43	34.42 0.53 -4.52	28.85 0.56 -1.61	24.66 0.40 -2.18	24.13 0.48 -0.97	22.40 0.38 -1.98	20.41 0.44 -0.10	17.74 0.38 -0.10	22.04 0.39 -1.18	26.88 0.47 -1.51	33.02 0.46 -8.09	37.58 0.37 -17.61	34.70 0.51 -13.63	27.43 0.60 -4.44	24.33 0.49 -5.58	17.86 0.31 -6.97	13.66 0.20 -7.47
GOUDEY____7 23579	24.38 0.69 0.00	21.31 0.60 0.00	20.29 0.57 0.00	19.98 0.54 0.00	19.65 0.50 0.00	23.08 0.61 0.00	36.09 0.74 -0.16	44.32 0.74 -4.43	34.45 0.56 -4.52	28.88 0.59 -1.61	24.69 0.42 -2.18	24.16 0.50 -0.97	22.42 0.40 -1.98	20.43 0.46 -0.10	17.76 0.40 -0.10	22.06 0.41 -1.18	26.90 0.50 -1.51	33.04 0.49 -8.09	37.60 0.39 -17.61	34.72 0.53 -13.63	27.45 0.63 -4.44	24.35 0.51 -5.58	17.87 0.32 -6.97	13.67 0.21 -7.47
GOUDEY____8 23580	24.36 0.66 0.00	21.29 0.58 0.00	20.27 0.55 0.00	19.96 0.52 0.00	19.63 0.48 0.00	23.06 0.58 0.00	36.05 0.70 -0.16	44.28 0.70 -4.43	34.42 0.53 -4.52	28.85 0.56 -1.61	24.66 0.40 -2.18	24.13 0.48 -0.97	22.40 0.38 -1.98	20.41 0.44 -0.10	17.74 0.38 -0.10	22.04 0.39 -1.18	26.88 0.47 -1.51	33.02 0.46 -8.09	37.58 0.37 -17.61	34.70 0.51 -13.63	27.43 0.60 -4.44	24.33 0.49 -5.58	17.86 0.31 -6.97	13.66 0.20 -7.47

GOWANUS_GT1_1 24077	25.19 1.49 0.00	21.93 1.22 0.00	20.76 1.04 0.00	20.47 1.03 0.00	20.16 1.01 0.00	23.69 1.21 0.00	37.99 2.39 -0.40	53.37 2.78 -11.45	42.64 2.26 -11.00	32.90 2.16 -4.06	29.25 1.92 -5.24	27.18 2.04 -2.45	27.26 1.80 -5.43	26.71 1.71 -5.13	27.15 1.47 -8.42	27.56 1.84 -5.24	31.04 2.29 -3.85	45.97 2.10 -19.40	63.06 1.65 -41.81	54.72 1.75 -32.41	34.72 1.79 -10.54	32.68 1.41 -13.01	27.28 0.88 -15.81	23.18 0.42 -16.77
GOWANUS_GT1_2 24078	25.19 1.49 0.00	21.93 1.22 0.00	20.76 1.04 0.00	20.47 1.03 0.00	20.16 1.01 0.00	23.69 1.21 0.00	37.99 2.39 -0.40	53.37 2.78 -11.45	42.64 2.26 -11.00	32.90 2.16 -4.06	29.25 1.92 -5.24	27.18 2.04 -2.45	27.26 1.80 -5.43	26.71 1.71 -5.13	27.15 1.47 -8.42	27.56 1.84 -5.24	31.04 2.29 -3.85	45.97 2.10 -19.40	63.06 1.65 -41.81	54.72 1.75 -32.41	34.72 1.79 -10.54	32.68 1.41 -13.01	27.28 0.88 -15.81	23.18 0.42 -16.77
GOWANUS_GT1_3 24079	25.19 1.49 0.00	21.93 1.22 0.00	20.76 1.04 0.00	20.47 1.03 0.00	20.16 1.01 0.00	23.69 1.21 0.00	37.99 2.39 -0.40	53.37 2.78 -11.45	42.64 2.26 -11.00	32.90 2.16 -4.06	29.25 1.92 -5.24	27.18 2.04 -2.45	27.26 1.80 -5.43	26.71 1.71 -5.13	27.15 1.47 -8.42	27.56 1.84 -5.24	31.04 2.29 -3.85	45.97 2.10 -19.40	63.06 1.65 -41.81	54.72 1.75 -32.41	34.72 1.79 -10.54	32.68 1.41 -13.01	27.28 0.88 -15.81	23.18 0.42 -16.77
GOWANUS_GT1_4 24080	25.19 1.49 0.00	21.93 1.22 0.00	20.76 1.04 0.00	20.47 1.03 0.00	20.16 1.01 0.00	23.69 1.21 0.00	37.99 2.39 -0.40	53.37 2.78 -11.45	42.64 2.26 -11.00	32.90 2.16 -4.06	29.25 1.92 -5.24	27.18 2.04 -2.45	27.26 1.80 -5.43	26.71 1.71 -5.13	27.15 1.47 -8.42	27.56 1.84 -5.24	31.04 2.29 -3.85	45.97 2.10 -19.40	63.06 1.65 -41.81	54.72 1.75 -32.41	34.72 1.79 -10.54	32.68 1.41 -13.01	27.28 0.88 -15.81	23.18 0.42 -16.77
GOWANUS_GT1_5 24084	25.19 1.49 0.00	21.93 1.22 0.00	20.76 1.04 0.00	20.47 1.03 0.00	20.16 1.01 0.00	23.69 1.21 0.00	37.99 2.39 -0.40	53.37 2.78 -11.45	42.64 2.26 -11.00	32.90 2.16 -4.06	29.25 1.92 -5.24	27.18 2.04 -2.45	27.26 1.80 -5.43	26.71 1.71 -5.13	27.15 1.47 -8.42	27.56 1.84 -5.24	31.04 2.29 -3.85	45.97 2.10 -19.40	63.06 1.65 -41.81	54.72 1.75 -32.41	34.72 1.79 -10.54	32.68 1.41 -13.01	27.28 0.88 -15.81	23.18 0.42 -16.77
GOWANUS_GT1_6 24111	25.19 1.49 0.00	21.93 1.22 0.00	20.76 1.04 0.00	20.47 1.03 0.00	20.16 1.01 0.00	23.69 1.21 0.00	37.99 2.39 -0.40	53.37 2.78 -11.45	42.64 2.26 -11.00	32.90 2.16 -4.06	29.25 1.92 -5.24	27.18 2.04 -2.45	27.26 1.80 -5.43	26.71 1.71 -5.13	27.15 1.47 -8.42	27.56 1.84 -5.24	31.04 2.29 -3.85	45.97 2.10 -19.40	63.06 1.65 -41.81	54.72 1.75 -32.41	34.72 1.79 -10.54	32.68 1.41 -13.01	27.28 0.88 -15.81	23.18 0.42 -16.77
GOWANUS_GT1_7 24112	25.19 1.49 0.00	21.93 1.22 0.00	20.76 1.04 0.00	20.47 1.03 0.00	20.16 1.01 0.00	23.69 1.21 0.00	37.99 2.39 -0.40	53.37 2.78 -11.45	42.64 2.26 -11.00	32.90 2.16 -4.06	29.25 1.92 -5.24	27.18 2.04 -2.45	27.26 1.80 -5.43	26.71 1.71 -5.13	27.15 1.47 -8.42	27.56 1.84 -5.24	31.04 2.29 -3.85	45.97 2.10 -19.40	63.06 1.65 -41.81	54.72 1.75 -32.41	34.72 1.79 -10.54	32.68 1.41 -13.01	27.28 0.88 -15.81	23.18 0.42 -16.77
GOWANUS_GT1_8 24113	25.19 1.49 0.00	21.																						

GOWANUS_GT2_8 24121	25.19 1.49 0.00	21.93 1.22 0.00	20.76 1.04 0.00	20.47 1.03 0.00	20.16 1.01 0.00	23.68 1.21 0.01	38.05 2.46 -0.39	53.40 2.82 -11.44	42.64 2.26 -11.00	32.87 2.14 -4.05	29.25 1.92 -5.24	27.18 2.04 -2.45	27.28 1.82 -5.43	26.73 1.73 -5.13	27.15 1.47 -8.42	27.54 1.82 -5.24	31.05 2.29 -3.86	46.02 2.13 -19.43	63.11 1.65 -41.87	54.69 1.75 -32.38	34.71 1.79 -10.53	32.66 1.41 -13.00	27.25 0.88 -15.79	23.15 0.43 -16.74
GOWANUS_GT3_1 24122	25.19 1.49 0.00	21.93 1.22 0.00	20.76 1.04 0.00	20.47 1.03 0.00	20.16 1.01 0.00	23.68 1.21 0.01	38.05 2.46 -0.39	53.40 2.82 -11.44	42.64 2.26 -11.00	32.87 2.14 -4.05	29.25 1.92 -5.24	27.18 2.04 -2.45	27.28 1.82 -5.43	26.73 1.73 -5.13	27.15 1.47 -8.42	27.54 1.82 -5.24	31.05 2.29 -3.86	46.02 2.13 -19.43	63.11 1.65 -41.87	54.69 1.75 -32.38	34.71 1.79 -10.53	32.66 1.41 -13.00	27.25 0.88 -15.79	23.15 0.43 -16.74
GOWANUS_GT3_2 24123	25.19 1.49 0.00	21.93 1.22 0.00	20.76 1.04 0.00	20.47 1.03 0.00	20.16 1.01 0.00	23.68 1.21 0.01	38.05 2.46 -0.39	53.40 2.82 -11.44	42.64 2.26 -11.00	32.87 2.14 -4.05	29.25 1.92 -5.24	27.18 2.04 -2.45	27.28 1.82 -5.43	26.73 1.73 -5.13	27.15 1.47 -8.42	27.54 1.82 -5.24	31.05 2.29 -3.86	46.02 2.13 -19.43	63.11 1.65 -41.87	54.69 1.75 -32.38	34.71 1.79 -10.53	32.66 1.41 -13.00	27.25 0.88 -15.79	23.15 0.43 -16.74
GOWANUS_GT3_3 24124	25.19 1.49 0.00	21.93 1.22 0.00	20.76 1.04 0.00	20.47 1.03 0.00	20.16 1.01 0.00	23.68 1.21 0.01	38.05 2.46 -0.39	53.40 2.82 -11.44	42.64 2.26 -11.00	32.87 2.14 -4.05	29.25 1.92 -5.24	27.18 2.04 -2.45	27.28 1.82 -5.43	26.73 1.73 -5.13	27.15 1.47 -8.42	27.54 1.82 -5.24	31.05 2.29 -3.86	46.02 2.13 -19.43	63.11 1.65 -41.87	54.69 1.75 -32.38	34.71 1.79 -10.53	32.66 1.41 -13.00	27.25 0.88 -15.79	23.15 0.43 -16.74
GOWANUS_GT3_4 24125	25.19 1.49 0.00	21.93 1.22 0.00	20.76 1.04 0.00	20.47 1.03 0.00	20.16 1.01 0.00	23.68 1.21 0.01	38.05 2.46 -0.39	53.40 2.82 -11.44	42.64 2.26 -11.00	32.87 2.14 -4.05	29.25 1.92 -5.24	27.18 2.04 -2.45	27.28 1.82 -5.43	26.73 1.73 -5.13	27.15 1.47 -8.42	27.54 1.82 -5.24	31.05 2.29 -3.86	46.02 2.13 -19.43	63.11 1.65 -41.87	54.69 1.75 -32.38	34.71 1.79 -10.53	32.66 1.41 -13.00	27.25 0.88 -15.79	23.15 0.43 -16.74
GOWANUS_GT3_5 24126	25.19 1.49 0.00	21.93 1.22 0.00	20.76 1.04 0.00	20.47 1.03 0.00	20.16 1.01 0.00	23.68 1.21 0.01	38.05 2.46 -0.39	53.40 2.82 -11.44	42.64 2.26 -11.00	32.87 2.14 -4.05	29.25 1.92 -5.24	27.18 2.04 -2.45	27.28 1.82 -5.43	26.73 1.73 -5.13	27.15 1.47 -8.42	27.54 1.82 -5.24	31.05 2.29 -3.86	46.02 2.13 -19.43	63.11 1.65 -41.87	54.69 1.75 -32.38	34.71 1.79 -10.53	32.66 1.41 -13.00	27.25 0.88 -15.79	23.15 0.43 -16.74
GOWANUS_GT3_6 24127	25.19 1.49 0.00	21.93 1.22 0.00	20.76 1.04 0.00	20.47 1.03 0.00	20.16 1.01 0.00	23.68 1.21 0.01	38.05 2.46 -0.39	53.40 2.82 -11.44	42.64 2.26 -11.00	32.87 2.14 -4.05	29.25 1.92 -5.24	27.18 2.04 -2.45	27.28 1.82 -5.43	26.73 1.73 -5.13	27.15 1.47 -8.42	27.54 1.82 -5.24	31.05 2.29 -3.86	46.02 2.13 -19.43	63.11 1.65 -41.87	54.69 1.75 -32.38	34.71 1.79 -10.53	32.66 1.41 -13.00	27.25 0.88 -15.79	23.15 0.43 -16.74
GOWANUS_GT3_7 24128	25.19 1.49 0.00	21.																						

GOWANUS_GT4_7 24136	25.19 1.49 0.00	21.93 1.22 0.00	20.76 1.04 0.00	20.47 1.03 0.00	20.16 1.01 0.00	23.69 1.21 0.00	37.99 2.39 -0.40	53.37 2.78 -11.45	42.64 2.26 -11.00	32.90 2.16 -4.06	29.25 1.92 -5.24	27.18 2.04 -2.45	27.26 1.80 -5.43	26.71 1.71 -5.13	27.15 1.47 -8.42	27.56 1.84 -5.24	31.04 2.29 -3.85	45.97 2.10 -19.40	63.06 1.65 -41.81	54.72 1.75 -32.41	34.72 1.79 -10.54	32.68 1.41 -13.01	27.28 0.88 -15.81	23.18 0.42 -16.77
GOWANUS_GT4_8 24137	25.19 1.49 0.00	21.93 1.22 0.00	20.76 1.04 0.00	20.47 1.03 0.00	20.16 1.01 0.00	23.69 1.21 0.00	37.99 2.39 -0.40	53.37 2.78 -11.45	42.64 2.26 -11.00	32.90 2.16 -4.06	29.25 1.92 -5.24	27.18 2.04 -2.45	27.26 1.80 -5.43	26.71 1.71 -5.13	27.15 1.47 -8.42	27.56 1.84 -5.24	31.04 2.29 -3.85	45.97 2.10 -19.40	63.06 1.65 -41.81	54.72 1.75 -32.41	34.72 1.79 -10.54	32.68 1.41 -13.01	27.28 0.88 -15.81	23.18 0.42 -16.77
GREENBSH_115KV_TB3 55895	24.22 0.52 0.00	21.19 0.48 0.00	20.13 0.41 0.00	19.87 0.43 0.00	19.61 0.46 0.00	23.04 0.56 0.00	36.70 1.13 -0.38	50.79 1.06 -10.59	41.41 0.68 -11.35	31.26 0.67 -3.91	28.06 0.42 -5.55	25.44 0.39 -2.37	25.55 0.38 -5.14	20.62 0.48 -0.27	17.96 0.43 -0.26	23.93 0.37 -3.08	29.19 0.55 -3.75	46.02 0.59 -20.98	66.05 0.49 -45.96	56.60 0.51 -35.53	34.52 0.56 -11.57	33.38 0.37 -14.76	29.56 0.22 -18.75	26.35 0.11 -20.26
GREENDGE_115KV_TB5 80291	24.48 0.78 0.00	21.37 0.66 0.00	20.35 0.63 0.00	20.02 0.58 0.00	19.65 0.50 0.00	23.20 0.72 0.00	36.12 0.81 -0.11	42.90 0.55 -3.21	33.33 0.68 -3.27	28.59 0.75 -1.17	24.15 0.49 -1.58	23.98 0.59 -0.70	21.87 0.40 -1.44	20.40 0.46 -0.07	17.75 0.41 -0.07	21.74 0.41 -0.85	26.49 0.50 -1.10	30.84 0.51 -5.87	32.81 0.45 -12.77	31.06 0.62 -9.88	26.32 0.72 -3.22	22.89 0.58 -4.05	15.97 0.34 -5.05	11.63 0.23 -5.42
GREENIDGE___3 23582	24.48 0.78 0.00	21.37 0.66 0.00	20.35 0.63 0.00	20.02 0.58 0.00	19.65 0.50 0.00	23.20 0.72 0.00	36.12 0.81 -0.11	42.90 0.55 -3.21	33.33 0.68 -3.27	28.59 0.75 -1.17	24.15 0.49 -1.58	23.98 0.59 -0.70	21.87 0.40 -1.44	20.40 0.46 -0.07	17.75 0.41 -0.07	21.74 0.41 -0.85	26.49 0.50 -1.10	30.84 0.51 -5.87	32.81 0.45 -12.77	31.06 0.62 -9.88	26.32 0.72 -3.22	22.89 0.58 -4.05	15.97 0.34 -5.05	11.63 0.23 -5.42
GREENIDGE___4 23583	24.47 0.78 0.00	21.37 0.66 0.00	20.35 0.63 0.00	20.02 0.58 0.00	19.65 0.50 0.00	23.20 0.72 0.00	35.91 0.60 -0.11	42.90 0.68 -3.21	33.33 0.68 -3.27	28.62 0.77 -1.17	24.15 0.49 -1.58	24.05 0.66 -0.70	21.85 0.38 -1.44	20.40 0.46 -0.07	17.75 0.41 -0.07	21.80 0.47 -0.85	26.49 0.50 -1.10	30.84 0.51 -5.87	32.81 0.45 -12.77	31.00 0.62 -9.83	26.37 0.78 -3.20	22.87 0.58 -4.03	15.95 0.34 -5.02	11.61 0.23 -5.39
GREENLWN_69_KV_BK 3 55738	25.52 1.82 0.00	22.22 1.51 0.00	21.04 1.32 0.00	21.06 1.44 -0.18	23.10 1.44 -2.51	24.21 1.73 0.00	38.66 3.06 -0.40	53.52 2.94 -11.45	42.67 2.29 -11.00	33.24 2.51 -4.05	30.49 2.34 -6.07	30.44 2.36 -5.39	30.08 2.18 -7.87	31.85 1.41 -10.57	37.22 1.12 -18.83	28.02 2.23 -5.31	31.17 2.81 -3.46	46.30 2.45 -19.39	62.85 2.08 -41.18	54.90 2.24 -32.10	34.75 2.40 -9.97	32.68 1.77 -12.65	30.58 1.06 -18.94	27.74 0.54 -21.21
GREENWD_138_KV_38B11_REV_LBMP_J 345004	25.19 1.49 0.00	21.93 1.22 0.00	20.76 1.04 0.00	20.47 1.03 0.00	20.16 1.01 0.00	23.69 1.21 0.00	37.99 2.39 -0.40	53.37 2.78 -11.45	42.64 2.26 -11.00	32.90 2.16 -4.06	29.25 1.92 -5.24	27.18 2.04 -2.45	27.26 1.80 -5.43	26.71 1.71 -5.13	27.15 1.47 -8.42	27.56 1.84 -5.24	31.04 2.29 -3.85	45.97 2.10 -19.40	63.06 1.65 -41.81	54.72 1.75 -32.41	34.72 1.79 -10.54	32.68 1.41 -13.01	27.28 0.88 -15.81	23.18 0.42 -16.77
GRISSOM___SOLAR 323813	25.52 1.82 0.00	22.26 1.55 0.00	21.15 1.44 0.00	20.76 1.32 0.00	20.60 1.45 0.00	24.41 1.93 0.00	38.87 3.27 -0.41	54.77 4.34 -11.29	44.05 2.73 -11.95	33.02 2.19 -4.15	29.12 1.21 -5.82	26.43 1.22 -2.51	26.30 0.90 -5.36	21.36 1.21 -0.28	18.62 1.09 -0.27	24.92 1.23 -3.21	30.31 1.54 -3.87	47.85 1.74 -21.65	68.57 1.53 -47.44	58.87 1.66 -36.64	36.38 2.06 -11.94	35.03 1.55 -15.23	30.81 0.89 -19.34	27.30 0.43 -20.89
GROVEVILLE___HYD 323602	25.04 1.35 0.00	21.85 1.14 0.00	20.74 1.03 0.00	20.47 1.03 0.00	20.18 1.03 0.00	23.65 1.17 0.00	37.94 2.36 -0.39	52.87 2.78 -10.95	42.09 2.03 -10.69	32.43 1.84 -3.91	28.76 1.57 -5.11	26.65 1.61 -2.35	26.05 1.44 -4.58	21.50 1.41 -0.22	18.69 1.21 -0.21	24.62 1.45 -2.69	30.49 1.89 -3.71	45.35 1.88 -19.00	62.15 1.51 -41.04	53.98 1.62 -31.80	34.41 1.68 -10.35	32.37 1.28 -12.83	26.98 0.70 -15.69	23.04 0.37 -16.69
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	24.07 0.38 0.00	21.02 0.31 0.00	19.99 0.28 0.00	19.69 0.25 0.00	19.40 0.25 0.00	22.81 0.34 0.00	35.70 0.42 -0.08	41.92 0.51 -2.27	32.04 0.35 -2.32	27.91 0.40 -0.83	23.45 0.24 -1.12	23.48 0.29 -0.50	21.25 0.20 -1.02	20.14 0.22 -0.05	17.53 0.21 -0.05	21.29 0.20 -0.60	25.92 0.25 -0.77	28.91 0.29 -4.15	28.88 0.25 -9.03	27.88 0.33 -6.99	25.09 0.43 -2.28	21.52 0.40 -2.86	14.38 0.22 -3.57	9.96 0.14 -3.83
HAMLTNNY_34_KV_TB 80303	24.22 0.52 0.00	21.12 0.41 0.00	20.11 0.39 0.00	19.81 0.37 0.00	19.49 0.34 0.00	22.95 0.47 0.00	35.95 0.67 -0.09	42.27 0.74 -2.39	32.36 0.56 -2.43	28.13 0.59 -0.87	23.68 0.42 -1.17	23.66 0.45 -0.52	21.46 0.36 -1.07	20.26 0.34 -0.05	17.63 0.31 -0.05	21.48 0.37 -0.63	26.15 0.45 -0.81	29.28 0.46 -4.35	29.48 0.41 -9.48	28.41 0.51 -7.33	25.40 0.63 -2.39	21.77 0.51 -3.00	14.63 0.30 -3.75	10.18 0.18 -4.02
HAMPSHIRE___PAPER_HYD 323593	23.55 -0.14 0.00	20.59 -0.12 0.00	19.58 -0.14 0.00	19.30 -0.14 0.00	19.03 -0.11 0.00	22.30 -0.18 0.00	34.51 -0.70 -0.02	38.98 -0.74 -0.58	29.41 -0.56 -0.60	26.15 -0.75 -0.21	21.65 -0.73 -0.29	22.00 -0.82 -0.13	19.53 -0.76 -0.26	19.17 -0.71 -0.01	16.63 -0.66 -0.01	19.90 -0.74 -0.16	24.30 -0.80 -0.20	24.92 -0.61 -1.07	21.48 -0.45 -2.33	21.77 -0.60 -1.81	16.58 -0.74 5.07	13.85 -0.53 3.88	7.22 -0.38 2.98	5.26 -0.20 0.52
HARDSCRABBLE_WT_PWR 323673	24.40 0.71 0.00	21.31 0.60 0.00	20.27 0.55 0.00	19.98 0.54 0.00	19.70 0.56 0.00	23.15 0.67 0.00	36.04 0.84 -0.01	40.56 1.17 -0.25	30.45 0.82 -0.25	27.49 0.72 -0.09	22.67 0.46 -0.12	23.33 0.59 -0.05	20.58 0.44 -0.11	20.43 0.56 -0.01	17.72 0.45 -0.01	21.10 0.55 -0.07	25.52 0.55 -0.08	25.40 0.49 -0.45	20.90 0.33 -0.98	21.64 0.33 -0.76	23.78 0.49 -0.90	19.52 0.42 -0.85	11.67 0.24 -0.84	6.72 0.14 -0.59
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	24.97 1.28 0.00	21.79 1.08 0.00	20.70 0.99 0.00	20.43 0.99 0.00	20.13 0.98 0.00	23.60 1.12 0.00	37.84 2.29 -0.36	52.06 2.62 -10.30	41.25 1.91 -9.97	32.10 1.76 -3.66	28.30 1.46 -4.76	26.43 1.54 -2.20	25.65 1.36 -4.25	21.43 1.35 -0.20	18.64 1.17 -0.20	24.35 1.37 -2.50	30.12 1.77 -3.46	43.82 1.76 -17.59	58.99 1.43 -37.96	51.48 1.50 -29.42	33.52 1.57 -9.57	31.32 1.22 -11.84	25.71 0.69 -14.44	21.67 0.35 -15.33

HARSNRAD_115KV_TB1 81005	23.74 0.05 0.00	20.85 0.14 0.00	19.95 0.24 0.00	19.59 0.16 0.00	19.11 -0.04 0.00	22.39 -0.09 0.00	34.48 -0.81 -0.10	40.26 -1.60 -2.73	31.12 -1.03 -2.78	27.06 -0.61 -0.99	22.99 -0.44 -1.34	23.03 -0.25 -0.60	21.01 -0.24 -1.22	19.64 -0.30 -0.06	17.26 -0.07 -0.06	20.85 -0.35 -0.72	25.23 -0.60 -0.93	28.63 -0.81 -4.98	29.71 -0.73 -10.84	28.49 -0.45 -8.38	24.74 -0.38 -2.73	21.42 -0.27 -3.44	14.86 -0.01 -4.29	10.72 0.14 -4.60
HARZA MOOSE___RIVER 24016	24.12 0.43 0.00	21.04 0.33 0.00	20.01 0.30 0.00	19.73 0.29 0.00	19.47 0.33 0.00	22.90 0.43 0.00	35.67 0.46 -0.02	40.49 0.67 -0.69	30.61 0.53 -0.70	27.25 0.32 -0.25	22.51 0.09 -0.34	22.91 0.07 -0.15	20.36 0.02 -0.31	19.97 0.08 -0.02	17.32 0.03 -0.01	20.70 0.04 -0.18	25.30 0.17 -0.23	26.06 0.34 -1.26	22.60 0.27 -2.73	22.92 0.25 -2.12	22.17 0.20 0.42	18.47 0.26 0.04	10.90 0.00 -0.32	6.84 -0.01 -0.86
HDSNBRDG_115KV_BRDG_TB1 355580	23.84 0.14 0.00	20.81 0.10 0.00	19.81 0.10 0.00	19.52 0.08 0.00	19.21 0.06 0.00	22.57 0.09 0.00	35.30 0.04 -0.08	41.32 0.04 -2.14	31.56 0.00 -2.18	27.56 0.11 -0.78	23.21 0.07 -1.05	23.25 0.09 -0.47	21.03 0.04 -0.96	19.98 0.06 -0.05	17.38 0.07 -0.05	21.09 0.04 -0.57	25.67 0.05 -0.73	28.44 0.07 -3.91	28.17 0.08 -8.50	27.26 0.12 -6.58	24.73 0.20 -2.14	21.17 0.22 -2.70	14.07 0.13 -3.36	9.67 0.08 -3.61
HELLGATE_13_KV_LD 55870	25.09 1.40 0.00	21.85 1.14 0.00	20.70 0.99 0.00	20.43 0.99 0.00	20.13 0.98 0.00	23.65 1.17 0.00	37.92 2.32 -0.40	53.29 2.70 -11.45	42.55 2.17 -11.00	32.82 2.08 -4.06	29.21 1.88 -5.24	27.11 1.97 -2.45	27.22 1.76 -5.43	26.67 1.67 -5.13	27.10 1.42 -8.42	27.50 1.78 -5.24	30.94 2.19 -3.85	45.92 2.05 -19.40	63.00 1.59 -41.81	54.67 1.71 -32.41	34.65 1.72 -10.54	32.62 1.35 -13.01	27.23 0.84 -15.81	23.16 0.41 -16.77
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	25.09 1.40 0.00	21.85 1.14 0.00	20.70 0.99 0.00	20.43 0.99 0.00	20.13 0.98 0.00	23.65 1.17 0.00	37.92 2.32 -0.40	53.29 2.70 -11.45	42.55 2.17 -11.00	32.82 2.08 -4.06	29.21 1.88 -5.24	27.11 1.97 -2.45	27.22 1.76 -5.43	26.67 1.67 -5.13	27.10 1.42 -8.42	27.50 1.78 -5.24	30.94 2.19 -3.85	45.92 2.05 -19.40	63.00 1.59 -41.81	54.67 1.71 -32.41	34.65 1.72 -10.54	32.62 1.35 -13.01	27.23 0.84 -15.81	23.16 0.41 -16.77
HEMPSTEAD____ 23647	25.36 1.66 -0.01	22.08 1.37 -0.01	20.90 1.18 0.00	20.93 1.30 -0.19	22.97 1.30 -2.52	24.06 1.57 -0.01	38.73 3.13 -0.41	53.41 2.82 -11.45	42.58 2.20 -11.00	33.06 2.32 -4.06	30.33 2.17 -6.08	30.29 2.20 -5.40	30.07 2.16 -7.87	27.02 1.61 -5.54	21.87 1.31 -3.29	27.77 1.97 -5.32	31.35 2.56 -3.90	46.26 2.37 -19.43	63.44 1.92 -41.92	55.05 2.08 -32.41	35.07 2.08 -10.60	32.87 1.59 -13.03	30.76 0.94 -19.23	27.67 0.50 -21.19
HEWLETT__69_KV_BK3 55828	25.47 1.78 0.00	22.18 1.47 0.00	21.00 1.28 0.00	21.02 1.40 -0.18	23.04 1.38 -2.51	24.16 1.69 0.00	38.59 2.99 -0.40	53.60 3.01 -11.45	42.70 2.32 -11.00	33.19 2.45 -4.05	30.37 2.21 -6.07	30.37 2.29 -5.39	29.96 2.06 -7.87	26.14 1.77 -4.50	18.81 1.45 -0.09	27.88 2.09 -5.32	31.30 2.56 -3.85	46.23 2.37 -19.40	63.36 1.94 -41.82	55.06 2.10 -32.41	35.18 2.24 -10.56	32.96 1.68 -13.02	30.81 0.99 -19.23	27.72 0.52 -21.21
HICKLING___1 23621	24.57 0.88 0.00	21.48 0.77 0.00	20.46 0.75 0.00	20.14 0.70 0.00	19.76 0.61 0.00	23.24 0.76 0.00	36.03 0.70 -0.13	43.49 0.59 -3.76	33.68 0.47 -3.83	28.63 0.59 -1.37	24.40 0.46 -1.85	24.03 0.52 -0.82	22.18 0.46 -1.68	20.43 0.48 -0.08	17.76 0.41 -0.08	21.91 0.43 -1.00	26.67 0.50 -1.28	31.80 0.46 -6.87	34.92 0.37 -14.95	32.73 0.60 -11.57	26.85 0.69 -3.77	23.49 0.49 -4.74	16.82 0.32 -5.92	12.57 0.24 -6.34
HICKLING___2 23622	24.57 0.88 0.00	21.48 0.77 0.00	20.46 0.75 0.00	20.14 0.70 0.00	19.76 0.61 0.00	23.24 0.76 0.00	36.03 0.70 -0.13	43.49 0.59 -3.76	33.68 0.47 -3.83	28.63 0.59 -1.37	24.40 0.46 -1.85	24.03 0.52 -0.82	22.18 0.46 -1.68	20.43 0.48 -0.08	17.76 0.41 -0.08	21.91 0.43 -1.00	26.67 0.50 -1.28	31.80 0.46 -6.87	34.92 0.37 -14.95	32.73 0.60 -11.57	26.85 0.69 -3.77	23.49 0.49 -4.74	16.82 0.32 -5.92	12.57 0.24 -6.34
HIGH FALLS___HY 23754	25.12 1.42 0.00	21.89 1.18 0.00	20.80 1.08 0.00	20.53 1.09 0.00	20.26 1.11 0.00	23.69 1.21 0.00	38.02 2.46 -0.37	52.30 2.86 -10.30	41.64 2.06 -10.21	32.21 1.84 -3.69	28.49 1.50 -4.90	26.54 1.63 -2.22	25.83 1.38 -4.42	21.48 1.39 -0.22	18.67 1.19 -0.21	24.48 1.39 -2.61	30.25 1.87 -3.49	44.50 1.83 -18.20	60.46 1.43 -39.44	52.66 1.56 -30.54	33.94 1.61 -9.94	31.95 1.30 -12.40	26.60 0.72 -15.29	22.68 0.37 -16.32
HILLBURN___GT 23639	24.90 1.21 0.00	21.72 1.01 0.00	20.62 0.91 0.00	20.37 0.93 0.00	20.07 0.92 0.00	23.58 1.10 0.00	37.63 2.08 -0.36	52.03 2.54 -10.34	41.26 1.88 -10.00	32.11 1.76 -3.67	28.32 1.46 -4.77	26.51 1.61 -2.21	25.68 1.38 -4.27	21.47 1.39 -0.20	18.66 1.19 -0.20	24.44 1.45 -2.51	30.11 1.74 -3.48	43.83 1.69 -17.69	59.09 1.35 -38.15	51.35 1.50 -29.29	33.57 1.66 -9.53	31.30 1.26 -11.78	25.65 0.72 -14.35	21.59 0.37 -15.23
HILLSIDE_115KV_TB1 80332	24.24 0.54 0.00	21.21 0.50 0.00	20.21 0.49 0.00	19.89 0.45 0.00	19.53 0.38 0.00	22.95 0.47 0.00	35.58 0.25 -0.14	43.03 0.04 -3.85	33.36 0.06 -3.92	28.29 0.21 -1.40	24.09 0.11 -1.89	23.76 0.23 -0.84	21.91 0.16 -1.72	20.20 0.24 -0.09	17.56 0.21 -0.08	21.62 0.12 -1.02	26.33 0.12 -1.31	31.59 0.10 -7.03	34.97 0.08 -15.30	32.69 0.29 -11.84	26.58 0.34 -3.86	23.38 0.27 -4.85	16.83 0.19 -6.05	12.64 0.17 -6.49
HISHELDN_WT_PWR 323625	24.00 0.31 0.00	21.04 0.33 0.00	20.09 0.37 0.00	19.71 0.27 0.00	19.26 0.12 0.00	22.64 0.16 0.00	34.49 -0.81 -0.11	40.86 -1.33 -3.05	31.66 -0.82 -3.11	27.44 -0.35 -1.11	23.28 -0.31 -1.50	23.38 0.02 -0.67	21.26 -0.14 -1.36	19.86 -0.08 -0.07	17.33 0.00 -0.07	21.12 -0.16 -0.81	25.53 -0.40 -1.04	29.47 -0.56 -5.57	31.15 -0.57 -12.13	29.47 -0.27 -9.18	25.15 -0.22 -2.99	21.82 -0.20 -3.76	15.29 0.01 -4.69	11.12 0.10 -5.03
HOLTSVILLE_IC_1 23690	25.67 1.97 -0.01	22.29 1.57 -0.01	21.12 1.40 0.00	21.12 1.50 -0.19	23.12 1.45 -2.52	24.33 1.84 -0.01	39.09 3.48 -0.41	53.32 2.74 -11.45	42.58 2.20 -11.00	33.35 2.56 -4.10	30.70 2.50 -6.12	30.45 2.36 -5.40	30.31 2.40 -7.87	32.13 1.73 -10.53	37.32 1.35 -18.70	28.01 2.17 -5.36	36.21 2.86 -8.46	46.50 2.57 -19.47	71.26 2.08 -49.58	58.89 2.24 -36.09	42.13 2.20 -17.55	37.32 1.68 -17.39	34.31 1.04 -22.69	27.75 0.57 -21.19
HOLTSVILLE_IC_10 23699	25.79 2.09 -0.01	22.37 1.66 -0.01	21.19 1.48 0.00	21.20 1.57 -0.19	23.20 1.53 -2.52	24.44 1.95 -0.01	39.33 3.73 -0.41	53.56 2.97 -11.45	42.72 2.35 -11.00	33.50 2.72 -4.10	30.88 2.67 -6.12	30.58 2.50 -5.40	30.45 2.54 -7.87	32.16 1.83 -10.47	37.21 1.43 -18.51	28.11 2.27 -5.36	36.25 3.06 -8.29	46.69 2.76 -19.47	71.13 2.23 -49.30	58.92 2.40 -35.96	42.01 2.33 -17.30	37.27 1.79 -17.23	34.24 1.09 -22.57	27.79 0.61 -21.19

HOLTSVILLE_IC_2 23691	25.67 1.97 -0.01	22.29 1.57 -0.01	21.12 1.40 0.00	21.12 1.50 -0.19	23.12 1.45 -2.52	24.33 1.84 -0.01	39.09 3.48 -0.41	53.32 2.74 -11.45	42.58 2.20 -11.00	33.35 2.56 -4.10	30.70 2.50 -6.12	30.45 2.36 -5.40	30.31 2.40 -7.87	32.13 1.73 -10.53	37.32 1.35 -18.70	28.01 2.17 -5.36	36.21 2.86 -8.46	46.50 2.57 -19.47	71.26 2.08 -49.58	58.89 2.24 -36.09	42.13 2.20 -17.55	37.32 1.68 -17.39	34.31 1.04 -22.69	27.75 0.57 -21.19
HOLTSVILLE_IC_3 23692	25.67 1.97 -0.01	22.29 1.57 -0.01	21.12 1.40 0.00	21.12 1.50 -0.19	23.12 1.45 -2.52	24.33 1.84 -0.01	39.09 3.48 -0.41	53.32 2.74 -11.45	42.58 2.20 -11.00	33.35 2.56 -4.10	30.70 2.50 -6.12	30.45 2.36 -5.40	30.31 2.40 -7.87	32.13 1.73 -10.53	37.32 1.35 -18.70	28.01 2.17 -5.36	36.21 2.86 -8.46	46.50 2.57 -19.47	71.26 2.08 -49.58	58.89 2.24 -36.09	42.13 2.20 -17.55	37.32 1.68 -17.39	34.31 1.04 -22.69	27.75 0.57 -21.19
HOLTSVILLE_IC_4 23693	25.67 1.97 -0.01	22.29 1.57 -0.01	21.12 1.40 0.00	21.12 1.50 -0.19	23.12 1.45 -2.52	24.33 1.84 -0.01	39.09 3.48 -0.41	53.32 2.74 -11.45	42.58 2.20 -11.00	33.35 2.56 -4.10	30.70 2.50 -6.12	30.45 2.36 -5.40	30.31 2.40 -7.87	32.13 1.73 -10.53	37.32 1.35 -18.70	28.01 2.17 -5.36	36.21 2.86 -8.46	46.50 2.57 -19.47	71.26 2.08 -49.58	58.89 2.24 -36.09	42.13 2.20 -17.55	37.32 1.68 -17.39	34.31 1.04 -22.69	27.75 0.57 -21.19
HOLTSVILLE_IC_5 23694	25.67 1.97 -0.01	22.29 1.57 -0.01	21.12 1.40 0.00	21.12 1.50 -0.19	23.12 1.45 -2.52	24.33 1.84 -0.01	39.09 3.48 -0.41	53.32 2.74 -11.45	42.58 2.20 -11.00	33.35 2.56 -4.10	30.70 2.50 -6.12	30.45 2.36 -5.40	30.31 2.40 -7.87	32.13 1.73 -10.53	37.32 1.35 -18.70	28.01 2.17 -5.36	36.21 2.86 -8.46	46.50 2.57 -19.47	71.26 2.08 -49.58	58.89 2.24 -36.09	42.13 2.20 -17.55	37.32 1.68 -17.39	34.31 1.04 -22.69	27.75 0.57 -21.19
HOLTSVILLE_IC_6 23695	25.79 2.09 -0.01	22.37 1.66 -0.01	21.19 1.48 0.00	21.20 1.57 -0.19	23.20 1.53 -2.52	24.44 1.95 -0.01	39.33 3.73 -0.41	53.56 2.97 -11.45	42.72 2.35 -11.00	33.50 2.72 -4.10	30.88 2.67 -6.12	30.58 2.50 -5.40	30.45 2.54 -7.87	32.16 1.83 -10.47	37.21 1.43 -18.51	28.11 2.27 -5.36	36.25 3.06 -8.29	46.69 2.76 -19.47	71.13 2.23 -49.30	58.92 2.40 -35.96	42.01 2.33 -17.30	37.27 1.79 -17.23	34.24 1.09 -22.57	27.79 0.61 -21.19
HOLTSVILLE_IC_7 23696	25.79 2.09 -0.01	22.37 1.66 -0.01	21.19 1.48 0.00	21.20 1.57 -0.19	23.20 1.53 -2.52	24.44 1.95 -0.01	39.33 3.73 -0.41	53.56 2.97 -11.45	42.72 2.35 -11.00	33.50 2.72 -4.10	30.88 2.67 -6.12	30.58 2.50 -5.40	30.45 2.54 -7.87	32.16 1.83 -10.47	37.21 1.43 -18.51	28.11 2.27 -5.36	36.25 3.06 -8.29	46.69 2.76 -19.47	71.13 2.23 -49.30	58.92 2.40 -35.96	42.01 2.33 -17.30	37.27 1.79 -17.23	34.24 1.09 -22.57	27.79 0.61 -21.19
HOLTSVILLE_IC_8 23697	25.79 2.09 -0.01	22.37 1.66 -0.01	21.19 1.48 0.00	21.20 1.57 -0.19	23.20 1.53 -2.52	24.44 1.95 -0.01	39.33 3.73 -0.41	53.56 2.97 -11.45	42.72 2.35 -11.00	33.50 2.72 -4.10	30.88 2.67 -6.12	30.58 2.50 -5.40	30.45 2.54 -7.87	32.16 1.83 -10.47	37.21 1.43 -18.51	28.11 2.27 -5.36	36.25 3.06 -8.29	46.69 2.76 -19.47	71.13 2.23 -49.30	58.92 2.40 -35.96	42.01 2.33 -17.30	37.27 1.79 -17.23	34.24 1.09 -22.57	27.79 0.61 -21.19
HOLTSVILLE_IC_9 23698	25.79 2.09 -0.01	22.37 1.66 -0.01	21.19 1.48 0.00	21.20 1.57 -0.19	23.20 1.53 -2.52	24.44 1.95 -0.01	39.33 3.73 -0.41	53.56 2.97 -11.45	42.72 2.35 -11.00	33.50 2.72 -4.10	30.88 2.67 -6.12	30.58 2.50 -5.40	30.45 2.54 -7.87	32.16 1.83 -10.47	37.21 1.43 -18.51	28.11 2.27 -5.36	36.25 3.06 -8.29	46.69 2.76 -19.47	71.13 2.23 -49.30	58.92 2.40 -35.96	42.01 2.33 -17.30	37.27 1.79 -17.23	34.24 1.09 -22.57	27.79 0.61 -21.19
HOMER_HL_115KV_TB2 355744	24.40 0.71 0.00	21.41 0.70 0.00	20.44 0.73 0.00	20.06 0.62 0.00	19.61 0.46 0.00	23.06 0.58 0.00	34.35 -0.95 -0.11	40.63 -1.60 -3.09	31.38 -1.15 -3.15	27.03 -0.77 -1.12	23.01 -0.60 -1.52	22.91 -0.45 -0.68	21.03 -0.38 -1.38	19.88 -0.06 -0.07	17.08 -0.26 -0.07	20.79 -0.51 -0.82	25.20 -0.75 -1.05	29.20 -0.91 -5.64	31.11 -0.76 -12.28	29.61 -0.45 -9.50	24.97 -0.51 -3.09	21.69 -0.46 -3.89	15.30 -0.14 -4.86	11.23 0.03 -5.21
HOWARD_WT_PWR 323690	24.71 1.02 0.00	21.60 0.89 0.00	20.60 0.89 0.00	20.22 0.78 0.00	19.80 0.65 0.00	23.35 0.88 0.00	35.74 0.42 -0.12	42.87 0.39 -3.33	33.15 0.38 -3.40	28.53 0.64 -1.21	24.12 0.40 -1.64	24.16 0.75 -0.73	21.92 0.40 -1.49	20.46 0.52 -0.07	17.79 0.45 -0.07	21.81 0.45 -0.88	26.40 0.37 -1.14	30.82 0.27 -6.09	33.02 0.18 -13.25	31.09 0.39 -10.14	26.20 0.52 -3.30	22.76 0.35 -4.16	16.01 0.24 -5.19	11.75 0.20 -5.56
HQ_GEN_CEDARS 23644	23.48 -0.21 0.00	20.56 -0.14 0.00	19.60 -0.12 0.00	19.32 -0.12 0.00	19.00 -0.15 0.00	22.23 -0.25 0.00	34.59 -0.60 0.00	38.40 -0.74 0.00	28.82 -0.56 0.00	26.04 -0.64 0.00	21.51 -0.57 0.00	22.10 -0.59 0.00	19.45 -0.58 0.00	19.34 -0.54 0.00	16.77 -0.50 0.00	19.90 -0.57 0.00	24.20 -0.70 0.00	23.80 -0.66 0.00	19.09 -0.51 0.00	19.94 -0.62 0.00	11.09 -0.78 10.51	9.07 -0.60 8.59	2.98 -0.35 7.26	2.99 -0.19 2.81
HQ_GEN_CEDARS_PROXY 323590	23.48 -0.21 0.00	20.57 -0.14 0.00	19.60 -0.12 0.00	19.32 -0.12 0.00	19.00 -0.15 0.00	22.23 -0.25 0.00	34.56 -0.63 0.00	38.40 -0.74 0.00	28.82 -0.56 0.00	26.01 -0.67 0.00	21.51 -0.57 0.00	22.10 -0.59 0.00	19.45 -0.58 0.00	19.34 -0.54 0.00	16.77 -0.50 0.00	19.93 -0.55 0.00	24.20 -0.70 0.00	23.80 -0.66 0.00	19.09 -0.51 0.00	19.94 -0.62 0.00	11.12 -0.76 10.51	9.07 -0.60 8.59	2.98 -0.35 7.26	2.99 -0.19 2.81
HQ_GEN_IMPORT 323601	23.41 -0.28 0.00	20.48 -0.23 0.00	19.52 -0.20 0.00	19.24 -0.19 0.00	18.94 -0.21 0.00	22.21 -0.27 0.00	34.70 -0.49 0.00	38.59 -0.55 0.00	28.96 -0.41 0.00	26.25 -0.43 0.00	21.76 -0.33 0.00	22.35 -0.34 0.00	19.71 -0.32 0.00	19.55 -0.32 0.00	16.99 -0.28 0.00	20.15 -0.33 0.00	24.49 -0.40 0.00	24.07 -0.39 0.00	19.28 -0.31 0.00	20.19 -0.37 0.00	19.60 -0.45 2.34	15.98 -0.36 1.91	8.76 -0.21 1.62	5.24 -0.12 0.63
HQ_GEN_WHEEL 23651	23.41 -0.28 0.00	20.48 -0.23 0.00	19.52 -0.20 0.00	19.24 -0.19 0.00	18.94 -0.21 0.00	22.21 -0.27 0.00	34.70 -0.49 0.00	38.59 -0.55 0.00	28.96 -0.41 0.00	26.25 -0.43 0.00	21.76 -0.33 0.00	22.35 -0.34 0.00	19.71 -0.32 0.00	19.55 -0.32 0.00	16.99 -0.28 0.00	20.15 -0.33 0.00	24.49 -0.40 0.00	24.07 -0.39 0.00	19.28 -0.31 0.00	20.19 -0.37 0.00	19.60 -0.45 2.34	15.98 -0.36 1.91	8.76 -0.21 1.62	5.24 -0.12 0.63
HUDSON_AVE_GT_3 23810	25.14 1.45 0.00	21.91 1.20 0.00	20.78 1.06 0.00	20.53 1.09 0.00	20.22 1.07 0.00	23.80 1.33 0.00	38.16 2.57 -0.40	53.60 3.01 -11.45	42.73 2.35 -11.00	32.98 2.24 -4.06	29.32 1.99 -5.24	27.23 2.09 -2.45	27.30 1.86 -5.41	27.68 1.77 -6.04	30.17 1.50 -11.40	27.54 1.88 -5.18	31.06 2.32 -3.85	46.06 2.20 -19.40	63.13 1.72 -41.81	54.84 1.87 -32.41	34.83 1.90 -10.54	32.77 1.50 -13.01	27.28 0.88 -15.81	23.19 0.44 -16.77

HUDSON AVE_GT_4 23540	25.14 1.45 0.00	21.91 1.20 0.00	20.78 1.06 0.00	20.53 1.09 0.00	20.22 1.07 0.00	23.80 1.33 0.00	38.16 2.57 -0.40	53.60 3.01 -11.45	42.73 2.35 -11.00	32.98 2.24 -4.06	29.32 1.99 -5.24	27.23 2.09 -2.45	27.30 1.86 -5.41	27.68 1.77 -6.04	30.17 1.50 -11.40	27.54 1.88 -5.18	31.06 2.32 -3.85	46.06 2.20 -19.40	63.13 1.72 -41.81	54.84 1.87 -32.41	34.83 1.90 -10.54	32.77 1.50 -13.01	27.28 0.88 -15.81	23.19 0.44 -16.77
HUDSON AVE_GT_5 23657	25.14 1.45 0.00	21.91 1.20 0.00	20.78 1.06 0.00	20.53 1.09 0.00	20.22 1.07 0.00	23.80 1.33 0.00	38.16 2.57 -0.40	53.60 3.01 -11.45	42.73 2.35 -11.00	32.98 2.24 -4.06	29.32 1.99 -5.24	27.23 2.09 -2.45	27.30 1.86 -5.41	27.68 1.77 -6.04	30.17 1.50 -11.40	27.54 1.88 -5.18	31.06 2.32 -3.85	46.06 2.20 -19.40	63.13 1.72 -41.81	54.84 1.87 -32.41	34.83 1.90 -10.54	32.77 1.50 -13.01	27.28 0.88 -15.81	23.19 0.44 -16.77
HUDSON_AVE_10 24168	25.12 1.42 0.00	21.89 1.18 0.00	20.76 1.04 0.00	20.51 1.07 0.00	20.20 1.05 0.00	23.80 1.33 0.00	38.20 2.60 -0.40	53.60 3.01 -11.45	42.73 2.35 -11.00	32.98 2.24 -4.06	29.32 1.99 -5.24	27.23 2.09 -2.45	27.32 1.88 -5.41	29.76 1.71 -8.18	36.75 1.45 -18.03	27.56 1.90 -5.18	31.06 2.32 -3.85	46.06 2.20 -19.40	63.15 1.74 -41.81	54.84 1.87 -32.41	34.83 1.90 -10.54	32.77 1.50 -13.01	27.28 0.88 -15.81	23.19 0.44 -16.77
HUDSON___115KV_TB 4 355613	24.64 0.95 0.00	21.58 0.87 0.00	20.50 0.79 0.00	20.20 0.76 0.00	19.90 0.75 0.00	23.35 0.88 0.00	37.44 1.87 -0.39	51.78 1.92 -10.72	41.97 1.26 -11.33	31.69 1.07 -3.95	28.29 0.68 -5.52	25.73 0.66 -2.39	25.62 0.50 -5.08	20.79 0.66 -0.26	18.07 0.55 -0.25	24.05 0.53 -3.04	29.60 0.95 -3.76	46.28 1.08 -20.75	65.78 0.82 -45.36	56.50 0.86 -35.07	34.73 0.92 -11.42	33.37 0.60 -14.51	29.27 0.35 -18.34	25.92 0.17 -19.76
HUNTER MOUNT___DRP 323613	24.76 1.07 0.00	21.66 0.95 0.00	20.60 0.89 0.00	20.27 0.84 0.00	19.95 0.80 0.00	23.38 0.90 0.00	37.66 2.08 -0.39	52.03 2.15 -10.74	41.97 1.38 -11.21	31.74 1.12 -3.93	28.22 0.68 -5.45	25.68 0.61 -2.38	25.43 0.40 -4.99	20.74 0.62 -0.26	18.00 0.48 -0.25	23.89 0.43 -2.98	29.62 1.00 -3.74	46.04 1.17 -20.40	64.95 0.82 -44.53	55.86 0.86 -34.44	34.54 0.94 -11.22	33.02 0.57 -14.20	28.75 0.31 -17.86	25.35 0.15 -19.21
HUNTINGTON_RES_REC 323705	25.62 1.92 -0.01	22.27 1.55 -0.01	21.07 1.36 0.00	21.10 1.48 -0.19	23.12 1.45 -2.52	24.31 1.82 -0.01	39.19 3.59 -0.41	53.56 2.97 -11.45	42.72 2.35 -11.00	33.31 2.59 -4.04	30.66 2.52 -6.06	30.49 2.40 -5.40	30.33 2.42 -7.87	31.98 1.55 -10.55	37.28 1.23 -18.79	27.95 2.17 -5.31	29.98 2.99 -2.10	46.56 2.69 -19.41	60.72 2.21 -38.91	53.91 2.38 -30.96	32.60 2.35 -7.86	31.38 1.81 -11.32	29.53 1.08 -17.87	27.74 0.57 -21.19
HUNTLEY___63 23557	23.84 0.14 0.00	20.92 0.21 0.00	19.99 0.28 0.00	19.63 0.19 0.00	19.15 0.00 0.00	22.45 -0.02 0.00	34.52 -0.77 -0.10	40.35 -1.60 -2.82	31.24 -1.00 -2.87	27.12 -0.59 -1.02	23.07 -0.40 -1.38	23.10 -0.20 -0.62	21.11 -0.18 -1.26	19.72 -0.22 -0.06	17.30 -0.03 -0.06	20.94 -0.29 -0.75	25.31 -0.55 -0.96	28.84 -0.76 -5.14	30.06 -0.73 -11.19	28.80 -0.41 -8.65	24.85 -0.36 -2.82	21.55 -0.26 -3.55	15.04 0.03 -4.43	10.87 0.14 -4.75
HUNTLEY___64 23558	23.84 0.14 0.00	20.92 0.21 0.00	19.99 0.28 0.00	19.63 0.19 0.00	19.15 0.00 0.00	22.45 -0.02 0.00	34.52 -0.77 -0.10	40.35 -1.60 -2.82	31.24 -1.00 -2.87	27.12 -0.59 -1.02	23.07 -0.40 -1.38	23.10 -0.20 -0.62	21.11 -0.18 -1.26	19.72 -0.22 -0.06	17.30 -0.03 -0.06	20.94 -0.29 -0.75	25.31 -0.55 -0.96	28.84 -0.76 -5.14	30.06 -0.73 -11.19	28.80 -0.41 -8.65	24.85 -0.36 -2.82	21.55 -0.26 -3.55	15.04 0.03 -4.43	10.87 0.14 -4.75
HUNTLEY___65 23559	23.84 0.14 0.00	20.92 0.21 0.00	19.99 0.28 0.00	19.63 0.19 0.00	19.15 0.00 0.00	22.45 -0.02 0.00	34.52 -0.77 -0.10	40.35 -1.60 -2.82	31.24 -1.00 -2.87	27.12 -0.59 -1.02	23.07 -0.40 -1.38	23.10 -0.20 -0.62	21.11 -0.18 -1.26	19.72 -0.22 -0.06	17.30 -0.03 -0.06	20.94 -0.29 -0.75	25.31 -0.55 -0.96	28.84 -0.76 -5.14	30.06 -0.73 -11.19	28.80 -0.41 -8.65	24.85 -0.36 -2.82	21.55 -0.26 -3.55	15.04 0.03 -4.43	10.87 0.14 -4.75
HUNTLEY___66 23560	23.84 0.14 0.00	20.92 0.21 0.00	19.99 0.28 0.00	19.63 0.19 0.00	19.15 0.00 0.00	22.45 -0.02 0.00	34.52 -0.77 -0.10	40.35 -1.60 -2.82	31.24 -1.00 -2.87	27.12 -0.59 -1.02	23.07 -0.40 -1.38	23.10 -0.20 -0.62	21.11 -0.18 -1.26	19.72 -0.22 -0.06	17.30 -0.03 -0.06	20.94 -0.29 -0.75	25.31 -0.55 -0.96	28.84 -0.76 -5.14	30.06 -0.73 -11.19	28.80 -0.41 -8.65	24.85 -0.36 -2.82	21.55 -0.26 -3.55	15.04 0.03 -4.43	10.87 0.14 -4.75
HUNTLEY___67 23561	23.72 0.02 0.00	20.81 0.10 0.00	19.89 0.18 0.00	19.54 0.10 0.00	19.07 -0.08 0.00	22.37 -0.11 0.00	34.38 -0.92 -0.10	40.17 -1.84 -2.87	31.12 -1.18 -2.92	27.00 -0.72 -1.04	22.99 -0.51 -1.41	23.00 -0.32 -0.63	21.07 -0.24 -1.28	19.66 -0.28 -0.06	17.23 -0.10 -0.06	20.87 -0.37 -0.76	25.22 -0.65 -0.98	28.84 -0.86 -5.23	30.18 -0.80 -11.39	28.90 -0.47 -8.81	24.83 -0.43 -2.87	21.56 -0.31 -3.61	15.08 -0.01 -4.50	10.92 0.10 -4.83
HUNTLEY___68 23562	23.72 0.02 0.00	20.81 0.10 0.00	19.89 0.18 0.00	19.54 0.10 0.00	19.07 -0.08 0.00	22.37 -0.11 0.00	34.38 -0.92 -0.10	40.17 -1.84 -2.87	31.12 -1.18 -2.92	27.00 -0.72 -1.04	22.99 -0.51 -1.41	23.00 -0.32 -0.63	21.07 -0.24 -1.28	19.66 -0.28 -0.06	17.23 -0.10 -0.06	20.87 -0.37 -0.76	25.22 -0.65 -0.98	28.84 -0.86 -5.23	30.18 -0.80 -11.39	28.90 -0.47 -8.81	24.83 -0.43 -2.87	21.56 -0.31 -3.61	15.08 -0.01 -4.50	10.92 0.10 -4.83
HYLAND___LFGE 323620	25.26 1.56 0.00	22.04 1.33 0.00	20.98 1.26 0.00	20.64 1.21 0.00	20.20 1.05 0.00	23.92 1.44 0.00	37.30 2.00 -0.11	44.41 2.31 -2.96	33.95 1.56 -3.02	29.14 1.39 -1.08	24.56 1.02 -1.46	24.33 1.00 -0.65	22.16 0.80 -1.32	20.67 0.74 -0.07	18.09 0.76 -0.06	22.19 0.92 -0.79	27.12 1.22 -1.01	31.17 1.30 -5.41	32.49 1.12 -11.78	31.07 1.46 -9.05	26.95 1.61 -2.95	23.19 1.22 -3.71	15.92 0.71 -4.63	11.40 0.45 -4.96
INDECK___CORINTH 23802	24.78 1.09 0.00	21.66 0.95 0.00	20.76 1.04 0.00	20.41 0.97 0.00	20.36 1.21 0.00	24.01 1.53 0.00	38.51 2.92 -0.40	53.34 3.17 -11.03	43.27 2.14 -11.75	32.61 1.87 -4.06	29.26 1.43 -5.74	26.49 1.34 -2.46	26.52 1.18 -5.30	21.38 1.23 -0.28	18.57 1.04 -0.27	24.82 1.17 -3.18	30.16 1.49 -3.78	47.27 1.47 -21.35	67.69 1.26 -46.84	58.08 1.36 -36.17	35.56 1.39 -11.78	34.33 1.00 -15.07	30.40 0.60 -19.22	27.09 0.32 -20.79
INDECK___ILION 23567	24.12 0.43 0.00	21.08 0.37 0.00	20.05 0.34 0.00	19.77 0.33 0.00	19.49 0.34 0.00	22.90 0.43 0.00	35.87 0.67 -0.01	40.17 0.78 -0.25	30.16 0.53 -0.25	27.22 0.45 -0.09	22.52 0.31 -0.12	23.10 0.36 -0.05	20.42 0.28 -0.11	20.22 0.34 -0.01	17.57 0.29 -0.01	20.85 0.31 -0.07	25.35 0.37 -0.08	25.28 0.37 -0.45	20.85 0.27 -0.98	21.58 0.27 -0.76	23.58 0.29 -0.90	19.39 0.29 -0.85	11.59 0.17 -0.84	6.67 0.10 -0.59



INDECK___OLEAN 23982	24.40 0.71 0.00	21.41 0.70 0.00	20.45 0.73 0.00	20.06 0.62 0.00	19.61 0.46 0.00	23.06 0.58 0.00	34.18 -1.13 -0.11	40.63 -1.61 -3.09	31.38 -1.15 -3.15	27.11 -0.69 -1.12	23.01 -0.60 -1.52	23.57 0.20 -0.68	21.01 -0.40 -1.38	20.02 0.08 -0.07	17.08 -0.26 -0.07	20.81 -0.49 -0.82	25.20 -0.75 -1.05	29.20 -0.90 -5.64	31.09 -0.78 -12.28	29.39 -0.47 -9.30	24.90 -0.51 -3.03	21.61 -0.46 -3.81	15.20 -0.14 -4.76	11.12 0.03 -5.10
INDECK___OSWEGO 23783	23.39 -0.31 0.00	20.42 -0.29 0.00	19.42 -0.30 0.00	19.15 -0.29 0.00	18.86 -0.29 0.00	22.16 -0.31 0.00	34.62 -0.63 -0.06	40.21 -0.67 -1.73	30.61 -0.53 -1.76	26.88 -0.43 -0.63	22.52 -0.42 -0.85	22.66 -0.41 -0.38	20.43 -0.38 -0.77	19.53 -0.38 -0.04	17.00 -0.31 -0.04	20.57 -0.37 -0.46	24.99 -0.50 -0.59	27.16 -0.47 -3.16	26.15 -0.33 -6.89	25.56 -0.33 -5.33	23.85 -0.27 -1.74	20.28 -0.16 -2.18	13.21 -0.10 -2.73	8.86 -0.05 -2.92
INDECK___YERKES 23781	23.86 0.17 0.00	20.96 0.25 0.00	20.01 0.30 0.00	19.65 0.21 0.00	19.17 0.02 0.00	22.50 0.02 0.00	34.27 -1.02 -0.10	40.39 -1.57 -2.82	31.27 -0.97 -2.87	27.27 -0.43 -1.02	23.10 -0.38 -1.38	23.19 -0.11 -0.62	21.07 -0.22 -1.26	19.74 -0.20 -0.06	17.31 -0.02 -0.06	21.02 -0.20 -0.75	25.33 -0.52 -0.96	28.84 -0.76 -5.14	30.06 -0.72 -11.19	28.60 -0.39 -8.43	24.84 -0.29 -2.75	21.48 -0.24 -3.46	14.94 0.04 -4.31	10.75 0.14 -4.63
INDIAN POINT_GT_1 24139	24.90 1.21 0.00	21.72 1.01 0.00	20.62 0.91 0.00	20.37 0.93 0.00	20.07 0.92 0.00	23.60 1.12 0.00	37.77 2.18 -0.40	52.91 2.54 -11.23	42.12 1.94 -10.80	32.50 1.84 -3.98	28.85 1.61 -5.15	26.78 1.70 -2.39	26.15 1.52 -4.59	21.52 1.43 -0.22	18.71 1.23 -0.21	24.71 1.54 -2.70	30.58 1.92 -3.77	45.32 1.81 -19.05	62.11 1.45 -41.07	53.97 1.58 -31.83	34.38 1.63 -10.36	32.30 1.26 -12.79	26.85 0.72 -15.54	22.84 0.37 -16.48
INDIAN POINT_GT_2 23659	24.90 1.21 0.00	21.72 1.01 0.00	20.62 0.91 0.00	20.37 0.93 0.00	20.07 0.92 0.00	23.60 1.12 0.00	37.77 2.18 -0.40	52.91 2.54 -11.23	42.12 1.94 -10.80	32.50 1.84 -3.98	28.85 1.61 -5.15	26.78 1.70 -2.39	26.15 1.52 -4.59	21.52 1.43 -0.22	18.71 1.23 -0.21	24.71 1.54 -2.70	30.58 1.92 -3.77	45.32 1.81 -19.05	62.11 1.45 -41.07	53.97 1.58 -31.83	34.38 1.63 -10.36	32.30 1.26 -12.79	26.85 0.72 -15.54	22.84 0.37 -16.48
INDIAN POINT_GT_3 24019	24.90 1.21 0.00	21.72 1.01 0.00	20.62 0.91 0.00	20.37 0.93 0.00	20.07 0.92 0.00	23.60 1.12 0.00	37.77 2.18 -0.40	52.91 2.54 -11.23	42.12 1.94 -10.80	32.50 1.84 -3.98	28.85 1.61 -5.15	26.78 1.70 -2.39	26.15 1.52 -4.59	21.52 1.43 -0.22	18.71 1.23 -0.21	24.71 1.54 -2.70	30.58 1.92 -3.77	45.32 1.81 -19.05	62.11 1.45 -41.07	53.97 1.58 -31.83	34.38 1.63 -10.36	32.30 1.26 -12.79	26.85 0.72 -15.54	22.84 0.37 -16.48
INDIAN POINT___2 23530	24.88 1.18 0.00	21.70 0.99 0.00	20.60 0.89 0.00	20.35 0.91 0.00	20.07 0.92 0.00	23.58 1.10 0.00	37.79 2.22 -0.38	52.45 2.51 -10.81	41.68 1.88 -10.42	32.30 1.79 -3.83	28.62 1.57 -4.97	26.65 1.66 -2.30	25.97 1.50 -4.44	21.50 1.41 -0.21	18.68 1.21 -0.20	24.58 1.49 -2.60	30.39 1.87 -3.63	44.68 1.81 -18.41	60.72 1.43 -39.70	52.79 1.56 -30.67	33.98 1.61 -9.98	31.82 1.24 -12.33	26.29 0.71 -14.99	22.26 0.37 -15.91
INDIAN POINT___3 23531	24.90 1.21 0.00	21.74 1.04 0.00	20.62 0.91 0.00	20.37 0.93 0.00	20.09 0.94 0.00	23.62 1.15 0.00	37.82 2.22 -0.41	53.24 2.54 -11.55	42.44 1.97 -11.09	32.64 1.87 -4.09	29.03 1.66 -5.29	26.89 1.75 -2.46	26.31 1.56 -4.71	21.57 1.47 -0.22	18.75 1.26 -0.22	24.82 1.58 -2.76	30.71 1.94 -3.87	45.85 1.83 -19.56	63.21 1.47 -42.14	54.81 1.58 -32.67	34.67 1.66 -10.63	32.63 1.26 -13.11	27.24 0.73 -15.93	23.25 0.38 -16.89
INGHAM_C_115KV_TB7 356103	24.52 0.83 0.00	21.41 0.70 0.00	20.37 0.65 0.00	20.08 0.64 0.00	19.80 0.65 0.00	23.26 0.79 0.00	36.43 1.23 -0.01	40.76 1.37 -0.25	30.60 0.97 -0.25	27.62 0.85 -0.09	22.76 0.55 -0.12	23.44 0.70 -0.05	20.68 0.54 -0.11	20.53 0.66 -0.01	17.83 0.55 -0.01	21.07 0.53 -0.07	25.65 0.67 -0.08	25.52 0.61 -0.45	21.00 0.43 -0.98	21.75 0.43 -0.76	23.76 0.47 -0.90	19.63 0.53 -0.85	11.74 0.32 -0.84	6.75 0.18 -0.59
IP CORINTH___1 23988	24.78 1.09 0.00	21.66 0.95 0.00	20.76 1.04 0.00	20.41 0.97 0.00	20.36 1.21 0.00	24.01 1.53 0.00	38.44 2.85 -0.40	53.34 3.17 -11.03	43.30 2.14 -11.78	32.57 1.81 -4.08	29.27 1.44 -5.75	26.47 1.32 -2.47	26.53 1.18 -5.31	21.38 1.23 -0.28	18.57 1.04 -0.27	24.89 1.23 -3.18	30.17 1.49 -3.78	47.30 1.47 -21.37	67.74 1.25 -46.89	58.15 1.36 -36.23	35.65 1.46 -11.81	34.36 1.00 -15.10	30.43 0.60 -19.24	27.11 0.32 -20.81
IP___TICONDEROGA 23804	25.80 2.11 0.00	22.53 1.82 0.00	21.57 1.85 0.00	21.11 1.67 0.00	21.06 1.91 0.00	24.93 2.45 0.00	40.10 4.50 -0.40	55.11 4.97 -11.00	44.49 3.35 -11.76	33.55 2.80 -4.07	29.99 2.16 -5.74	27.10 1.95 -2.46	26.82 1.48 -5.30	21.74 1.59 -0.28	18.88 1.35 -0.27	25.21 1.56 -3.18	30.73 2.07 -3.77	47.95 2.15 -21.34	68.26 1.84 -46.82	59.02 2.28 -36.18	36.61 2.44 -11.79	35.09 1.75 -15.08	30.88 1.07 -19.23	27.34 0.56 -20.80
ISLIP_RES_REC 323679	25.91 2.20 -0.01	22.46 1.74 -0.01	21.27 1.56 0.00	21.28 1.65 -0.19	23.28 1.61 -2.52	24.55 2.07 -0.01	39.54 3.94 -0.41	53.75 3.17 -11.45	42.90 2.53 -11.00	33.66 2.88 -4.10	30.98 2.78 -6.11	30.70 2.61 -5.40	30.57 2.66 -7.87	32.21 1.93 -10.41	37.13 1.52 -18.34	28.19 2.35 -5.36	35.92 3.21 -7.81	46.86 2.93 -19.46	70.45 2.35 -48.50	58.66 2.53 -35.57	41.42 2.46 -16.57	36.93 1.90 -16.77	33.92 1.13 -22.20	27.82 0.64 -21.19
JAMAICA__27_KV_LOAD 355505	25.33 1.63 0.00	22.08 1.37 0.00	20.94 1.22 0.00	20.66 1.22 0.00	20.36 1.21 0.00	24.03 1.55 0.00	38.62 3.03 -0.40	54.07 3.48 -11.45	43.08 2.70 -11.00	33.30 2.56 -4.06	29.58 2.25 -5.24	27.48 2.34 -2.45	27.56 2.12 -5.41	30.56 1.77 -8.92	39.07 1.50 -20.30	27.80 2.15 -5.18	31.39 2.64 -3.85	46.38 2.52 -19.40	63.39 1.98 -41.81	55.11 2.14 -32.41	35.12 2.19 -10.54	32.99 1.72 -13.01	27.41 1.01 -15.82	23.26 0.50 -16.77
JANIS___SOLAR 323808	25.21 1.52 0.00	21.99 1.28 0.00	20.90 1.18 0.00	20.59 1.15 0.00	20.30 1.15 0.00	23.92 1.44 0.00	37.41 2.08 -0.14	45.82 2.66 -4.02	35.23 1.76 -4.09	29.55 1.41 -1.46	24.95 0.88 -1.98	24.45 0.88 -0.88	22.51 0.68 -1.80	20.68 0.71 -0.09	17.98 0.62 -0.09	22.38 0.84 -1.07	27.43 1.17 -1.37	33.22 1.42 -7.34	36.76 1.20 -15.97	34.18 1.30 -12.33	27.88 1.48 -4.01	24.46 1.15 -5.05	17.52 0.63 -6.30	13.11 0.37 -6.76
JARVIS____ 23743	23.79 0.10 0.00	20.79 0.08 0.00	19.77 0.06 0.00	19.50 0.06 0.00	19.23 0.08 0.00	22.57 0.09 0.00	35.38 0.18 -0.01	39.58 0.20 -0.25	29.77 0.15 -0.25	26.90 0.13 -0.09	22.30 0.09 -0.12	22.83 0.09 -0.05	20.24 0.10 -0.11	19.98 0.10 -0.01	17.34 0.07 -0.01	20.65 0.10 -0.07	25.10 0.13 -0.08	25.03 0.12 -0.45	20.65 0.08 -0.98	21.40 0.08 -0.76	23.38 0.09 -0.90	19.19 0.09 -0.85	11.47 0.04 -0.84	6.60 0.02 -0.59

JENNISON___1 23625	25.28 1.59 0.00	22.06 1.35 0.00	20.98 1.26 0.00	20.66 1.22 0.00	20.39 1.24 0.00	23.98 1.51 0.00	37.73 2.36 -0.18	46.87 2.82 -4.91	36.28 1.91 -5.00	30.06 1.60 -1.78	25.60 1.10 -2.41	24.85 1.09 -1.08	23.15 0.92 -2.19	20.94 0.95 -0.11	18.17 0.79 -0.11	22.80 1.02 -1.30	27.96 1.39 -1.67	34.99 1.57 -8.96	40.34 1.25 -19.49	37.00 1.36 -15.09	28.73 1.43 -4.91	25.61 1.17 -6.18	18.95 0.66 -7.71	14.64 0.38 -8.27
JENNISON___2 23626	25.28 1.59 0.00	22.06 1.35 0.00	20.98 1.26 0.00	20.66 1.22 0.00	20.39 1.24 0.00	23.98 1.51 0.00	37.73 2.36 -0.18	46.87 2.82 -4.91	36.28 1.91 -5.00	30.06 1.60 -1.78	25.60 1.10 -2.41	24.85 1.09 -1.08	23.15 0.92 -2.19	20.94 0.95 -0.11	18.17 0.79 -0.11	22.80 1.02 -1.30	27.96 1.39 -1.67	34.99 1.57 -8.96	40.34 1.25 -19.49	37.00 1.36 -15.09	28.73 1.43 -4.91	25.61 1.17 -6.18	18.95 0.66 -7.71	14.64 0.38 -8.27
JERICHO_RISE_WT_PWR 323719	24.07 0.38 0.00	21.08 0.37 0.00	20.05 0.33 0.00	19.75 0.31 0.00	19.44 0.29 0.00	22.79 0.31 0.00	35.19 0.00 0.00	38.91 -0.23 0.00	29.41 0.03 0.00	26.49 -0.19 0.00	22.09 0.00 0.00	22.62 -0.07 0.00	19.97 -0.06 0.00	19.77 -0.10 0.00	17.15 -0.12 0.00	20.38 -0.10 0.00	24.77 -0.12 0.00	24.34 -0.12 0.00	19.58 -0.02 0.00	20.29 -0.27 0.00	10.87 -0.72 10.80	8.74 -0.69 8.82	2.66 -0.47 7.46	2.81 -0.29 2.89
KATONAH___115KV_46KV_TB4 355592	25.02 1.33 0.00	21.81 1.10 0.00	20.70 0.99 0.00	20.45 1.01 0.00	20.13 0.98 0.00	23.69 1.21 0.00	37.92 2.32 -0.41	53.40 2.74 -11.52	42.55 2.09 -11.09	32.71 1.95 -4.08	29.05 1.68 -5.29	26.91 1.77 -2.46	26.31 1.56 -4.72	21.61 1.51 -0.22	18.76 1.28 -0.22	24.84 1.60 -2.77	30.75 1.99 -3.87	45.95 1.91 -19.58	63.33 1.53 -42.21	54.94 1.67 -32.71	34.73 1.70 -10.64	32.73 1.33 -13.15	27.31 0.74 -15.99	23.33 0.39 -16.96
KCE_NY_1 323755	24.85 1.16 0.00	21.72 1.01 0.00	20.70 0.99 0.00	20.37 0.93 0.00	20.20 1.05 0.00	23.78 1.30 0.00	38.02 2.43 -0.40	52.72 2.62 -10.96	42.89 1.82 -11.69	32.32 1.60 -4.03	29.06 1.26 -5.71	26.33 1.20 -2.45	26.40 1.08 -5.28	21.26 1.11 -0.28	18.48 0.95 -0.27	24.71 1.06 -3.17	30.06 1.42 -3.75	47.19 1.47 -21.26	67.50 1.24 -46.67	57.91 1.32 -36.04	35.51 1.39 -11.74	34.33 1.04 -15.03	30.38 0.61 -19.19	27.08 0.33 -20.76
KCE_NY_6_ESR 323823	24.07 0.38 0.00	21.12 0.41 0.00	20.19 0.47 0.00	19.81 0.37 0.00	19.34 0.19 0.00	22.70 0.22 0.00	34.42 -0.88 -0.10	40.61 -1.45 -2.92	31.44 -0.91 -2.97	27.34 -0.40 -1.06	23.19 -0.33 -1.43	23.39 0.07 -0.64	21.18 -0.16 -1.30	19.92 -0.02 -0.07	17.35 0.02 -0.06	21.09 -0.16 -0.77	25.44 -0.45 -0.99	29.13 -0.66 -5.33	30.56 -0.63 -11.59	28.97 -0.33 -8.74	24.96 -0.27 -2.85	21.62 -0.22 -3.58	15.08 0.03 -4.47	10.91 0.13 -4.79
KEDC_PORT_JEFF_GT2 24210	25.71 2.01 -0.01	22.33 1.62 -0.01	21.14 1.42 0.00	21.16 1.54 -0.19	23.16 1.49 -2.52	24.37 1.89 -0.01	39.16 3.55 -0.41	53.36 2.78 -11.45	42.61 2.23 -11.00	33.45 2.67 -4.11	30.79 2.58 -6.12	30.54 2.45 -5.40	30.39 2.48 -7.87	32.14 1.77 -10.50	37.26 1.36 -18.63	28.08 2.23 -5.37	36.64 2.96 -8.79	46.55 2.62 -19.47	71.85 2.12 -50.14	59.22 2.30 -36.36	42.70 2.26 -18.05	37.71 1.75 -17.70	34.61 1.08 -22.94	27.77 0.60 -21.19
KEDC_PORT_JEFF_GT3 24211	25.71 2.01 -0.01	22.33 1.62 -0.01	21.14 1.42 0.00	21.16 1.54 -0.19	23.16 1.49 -2.52	24.37 1.89 -0.01	39.16 3.55 -0.41	53.36 2.78 -11.45	42.61 2.23 -11.00	33.45 2.67 -4.11	30.79 2.58 -6.12	30.54 2.45 -5.40	30.39 2.48 -7.87	32.14 1.77 -10.50	37.26 1.36 -18.63	28.08 2.23 -5.37	36.64 2.96 -8.79	46.55 2.62 -19.47	71.85 2.12 -50.14	59.22 2.30 -36.36	42.70 2.26 -18.05	37.71 1.75 -17.70	34.61 1.08 -22.94	27.77 0.60 -21.19
KEDC_GLWD_GT4 24219	25.46 1.75 -0.01	22.17 1.45 -0.01	20.98 1.26 0.00	21.01 1.38 -0.19	23.05 1.38 -2.52	24.15 1.66 -0.01	38.84 3.24 -0.41	53.64 3.05 -11.45	42.75 2.38 -11.00	33.19 2.45 -4.06	30.44 2.28 -6.08	30.40 2.32 -5.40	30.13 2.22 -7.87	26.34 1.71 -4.76	19.55 1.40 -0.88	27.85 2.05 -5.32	31.45 2.66 -3.90	46.38 2.50 -19.43	63.54 2.02 -41.92	55.15 2.18 -32.41	35.20 2.22 -10.60	32.99 1.70 -13.03	30.81 0.99 -19.23	27.70 0.52 -21.19
KEDC_GLWD_GT5 24220	25.46 1.75 -0.01	22.17 1.45 -0.01	20.98 1.26 0.00	21.01 1.38 -0.19	23.05 1.38 -2.52	24.15 1.66 -0.01	38.84 3.24 -0.41	53.64 3.05 -11.45	42.75 2.38 -11.00	33.19 2.45 -4.06	30.44 2.28 -6.08	30.40 2.32 -5.40	30.13 2.22 -7.87	26.34 1.71 -4.76	19.55 1.40 -0.88	27.85 2.05 -5.32	31.45 2.66 -3.90	46.38 2.50 -19.43	63.54 2.02 -41.92	55.15 2.18 -32.41	35.20 2.22 -10.60	32.99 1.70 -13.03	30.81 0.99 -19.23	27.70 0.52 -21.19
KENSICO____ 23655	24.95 1.26 0.00	21.77 1.06 0.00	20.66 0.95 0.00	20.41 0.97 0.00	20.13 0.98 0.00	23.67 1.19 0.00	37.88 2.29 -0.40	53.20 2.62 -11.43	42.39 2.03 -10.99	32.68 1.95 -4.05	29.05 1.72 -5.24	26.94 1.81 -2.44	26.32 1.62 -4.67	21.62 1.53 -0.22	18.78 1.30 -0.21	24.86 1.64 -2.74	30.74 2.02 -3.83	45.75 1.91 -19.38	62.86 1.51 -41.76	54.57 1.64 -32.37	34.62 1.70 -10.53	32.57 1.31 -13.00	27.13 0.75 -15.79	23.12 0.39 -16.74
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	25.14 1.45 0.00	21.91 1.20 0.00	20.82 1.10 0.00	20.55 1.11 0.00	20.26 1.11 0.00	23.71 1.24 0.00	38.04 2.50 -0.35	51.87 2.90 -9.83	41.13 2.06 -9.69	32.04 1.84 -3.52	28.21 1.48 -4.65	26.42 1.61 -2.12	25.60 1.38 -4.18	21.47 1.39 -0.20	18.66 1.19 -0.20	24.34 1.39 -2.47	30.08 1.87 -3.32	43.55 1.86 -17.23	58.37 1.47 -37.31	51.04 1.58 -28.89	33.42 1.63 -9.40	31.26 1.30 -11.71	25.71 0.72 -14.41	21.71 0.37 -15.36
KIAC_JFK_GT1 23816	25.28 1.59 0.00	22.03 1.33 0.00	20.88 1.16 0.00	20.62 1.19 0.00	20.32 1.17 0.00	23.96 1.48 0.00	38.52 2.92 -0.40	53.95 3.37 -11.45	42.99 2.61 -11.00	33.22 2.48 -4.06	29.54 2.21 -5.24	27.41 2.27 -2.45	27.52 2.08 -5.41	30.50 1.71 -8.92	39.02 1.45 -20.30	27.76 2.11 -5.18	31.34 2.59 -3.85	46.31 2.45 -19.40	63.35 1.94 -41.81	55.04 2.08 -32.41	35.08 2.15 -10.54	32.93 1.66 -13.01	27.38 0.97 -15.82	23.24 0.49 -16.77
KIAC_JFK_GT2 23817	25.28 1.59 0.00	22.03 1.33 0.00	20.88 1.16 0.00	20.62 1.19 0.00	20.32 1.17 0.00	23.96 1.48 0.00	38.52 2.92 -0.40	53.95 3.37 -11.45	42.99 2.61 -11.00	33.22 2.48 -4.06	29.54 2.21 -5.24	27.41 2.27 -2.45	27.52 2.08 -5.41	30.50 1.71 -8.92	39.02 1.45 -20.30	27.76 2.11 -5.18	31.34 2.59 -3.85	46.31 2.45 -19.40	63.35 1.94 -41.81	55.04 2.08 -32.41	35.08 2.15 -10.54	32.93 1.66 -13.01	27.38 0.97 -15.82	23.24 0.49 -16.77
KIAC_JFK____ 323774	25.28 1.59 0.00	22.04 1.33 0.00	20.88 1.16 0.00	20.62 1.19 0.00	20.32 1.17 0.00	23.96 1.48 0.00	38.62 3.03 -0.40	53.95 3.37 -11.45	42.99 2.61 -11.00	33.22 2.48 -4.05	29.54 2.21 -5.24	27.43 2.29 -2.45	27.52 2.08 -5.41	30.50 1.71 -8.92	39.03 1.47 -20.30	27.72 2.07 -5.18	31.35 2.59 -3.86	46.36 2.47 -19.43	63.40 1.94 -41.86	55.02 2.08 -32.38	35.03 2.10 -10.54	32.92 1.66 -13.00	27.35 0.97 -15.80	23.21 0.49 -16.74

KINTIGH____ 23543	23.53 -0.17 0.00	20.63 -0.08 0.00	19.72 0.00 0.00	19.38 -0.06 0.00	18.94 -0.21 0.00	22.21 -0.27 0.00	34.65 -0.63 -0.10	40.41 -1.41 -2.68	31.20 -0.91 -2.73	27.15 -0.51 -0.97	23.07 -0.33 -1.32	23.12 -0.16 -0.59	21.11 -0.12 -1.20	19.67 -0.26 -0.06	17.33 0.00 -0.06	20.96 -0.23 -0.71	25.33 -0.47 -0.91	28.72 -0.64 -4.90	29.64 -0.61 -10.66	28.54 -0.27 -8.25	24.89 -0.18 -2.68	21.53 -0.11 -3.38	14.87 0.07 -4.22	10.64 0.13 -4.52
KNTFSRNC_46_KV_46KV_LOAD 80397	24.52 0.83 0.00	21.50 0.79 0.00	20.44 0.73 0.00	20.12 0.68 0.00	19.80 0.65 0.00	23.24 0.76 0.00	35.65 0.46 0.00	39.41 0.27 0.00	29.88 0.50 0.00	26.97 0.29 0.00	22.37 0.29 0.00	22.91 0.23 0.00	20.19 0.16 0.00	20.01 0.14 0.00	17.36 0.09 0.00	20.68 0.20 0.00	25.09 0.20 0.00	24.68 0.22 0.00	19.97 0.37 0.00	20.68 0.12 0.00	11.16 -0.25 10.98	8.88 -0.40 8.97	2.69 -0.31 7.58	2.85 -0.20 2.93
LACHUTE__HYDRO 323717	25.80 2.11 0.00	22.53 1.82 0.00	21.57 1.85 0.00	21.11 1.67 0.00	21.06 1.91 0.00	24.93 2.45 0.00	40.13 4.54 -0.40	55.11 4.97 -11.00	44.45 3.35 -11.72	33.64 2.91 -4.05	29.98 2.17 -5.73	27.11 1.97 -2.45	26.81 1.48 -5.29	21.74 1.59 -0.28	18.88 1.35 -0.27	25.13 1.48 -3.17	30.72 2.07 -3.76	47.92 2.15 -21.31	68.21 1.84 -46.77	58.95 2.28 -36.11	36.52 2.37 -11.77	35.07 1.75 -15.06	30.86 1.07 -19.20	27.32 0.56 -20.78
LAWRNCV_115KV_TB1 80681	23.43 -0.26 0.00	20.52 -0.19 0.00	19.56 -0.16 0.00	19.28 -0.16 0.00	18.98 -0.17 0.00	22.14 -0.34 0.00	34.22 -0.99 -0.01	38.26 -1.17 -0.29	28.76 -0.91 -0.30	25.75 -1.04 -0.11	21.26 -0.97 -0.14	21.73 -1.02 -0.06	19.18 -0.98 -0.13	18.96 -0.91 -0.01	16.45 -0.83 -0.01	19.59 -0.96 -0.08	23.87 -1.12 -0.10	24.00 -1.00 -0.54	20.01 -0.76 -1.18	20.53 -0.95 -0.91	12.47 -1.19 8.73	10.38 -0.88 7.00	4.34 -0.48 5.77	3.83 -0.24 1.91
LEDERLE____ 23769	24.95 1.26 0.00	21.77 1.06 0.00	20.66 0.95 0.00	20.41 0.97 0.00	20.11 0.96 0.00	23.62 1.15 0.00	37.81 2.25 -0.37	52.13 2.62 -10.37	41.34 1.94 -10.03	32.20 1.84 -3.68	28.44 1.57 -4.78	26.56 1.66 -2.22	25.79 1.48 -4.27	21.51 1.43 -0.20	18.69 1.23 -0.20	24.48 1.49 -2.51	30.27 1.89 -3.48	44.00 1.83 -17.70	59.25 1.47 -38.19	51.80 1.64 -29.59	33.72 1.70 -9.63	31.46 1.30 -11.91	25.84 0.74 -14.51	21.78 0.38 -15.41
LIGHTHSE_115KV_TB6 355974	23.65 -0.05 0.00	20.65 -0.06 0.00	19.64 -0.08 0.00	19.34 -0.10 0.00	19.07 -0.08 0.00	22.43 -0.04 0.00	35.11 -0.14 -0.06	40.63 -0.16 -1.65	30.91 -0.15 -1.68	27.09 -0.19 -0.60	22.66 -0.24 -0.81	22.80 -0.25 -0.36	20.53 -0.24 -0.74	19.67 -0.24 -0.04	17.10 -0.21 -0.04	20.63 -0.29 -0.44	25.16 -0.30 -0.56	27.30 -0.17 -3.01	26.03 -0.12 -6.55	25.53 -0.10 -5.07	23.16 -0.09 -0.86	19.69 0.00 -1.43	12.61 -0.02 -2.05	8.54 -0.01 -2.57
LINDEN COGEN____ 23786	24.97 1.28 0.00	21.77 1.06 0.00	20.64 0.93 0.00	20.39 0.95 0.00	20.11 0.96 0.00	23.65 1.17 0.00	37.95 2.36 -0.40	53.29 2.70 -11.45	42.49 2.12 -11.00	32.79 2.05 -4.05	29.16 1.83 -5.24	27.09 1.95 -2.45	27.16 1.72 -5.41	26.54 1.67 -5.00	26.89 1.42 -8.20	27.41 1.76 -5.18	30.92 2.16 -3.86	45.90 2.01 -19.43	63.03 1.57 -41.86	54.63 1.69 -32.38	34.67 1.75 -10.54	32.63 1.37 -13.00	27.19 0.81 -15.79	23.12 0.40 -16.74
LINDHRST_69_KV_BK1 356055	25.76 2.06 0.00	22.39 1.68 0.00	21.19 1.48 0.00	21.19 1.57 -0.18	23.23 1.57 -2.51	24.43 1.96 0.00	38.90 3.31 -0.40	53.68 3.09 -11.45	42.78 2.41 -11.00	33.41 2.67 -4.06	30.66 2.50 -6.07	30.58 2.50 -5.39	30.26 2.36 -7.87	31.10 1.85 -9.38	33.91 1.49 -15.16	28.17 2.38 -5.32	31.93 2.86 -4.18	46.48 2.62 -19.40	64.07 2.10 -42.37	55.49 2.26 -32.67	35.91 2.46 -11.06	33.34 1.75 -13.33	31.12 1.06 -19.48	27.80 0.60 -21.21
LIPA_MISC_IPP 23656	25.78 2.09 0.00	22.37 1.66 0.00	21.19 1.48 0.00	21.19 1.57 -0.18	23.17 1.51 -2.51	24.41 1.93 0.00	38.76 3.17 -0.40	53.40 2.82 -11.45	42.61 2.23 -11.00	33.44 2.67 -4.10	30.83 2.63 -6.11	30.53 2.45 -5.39	30.28 2.38 -7.87	32.18 1.79 -10.52	37.37 1.42 -18.69	28.35 2.52 -5.36	36.33 3.01 -8.43	46.54 2.64 -19.44	71.26 2.16 -49.51	58.98 2.32 -36.10	42.45 2.53 -17.54	37.40 1.75 -17.39	34.37 1.08 -22.70	27.80 0.60 -21.21
LISF__SOLAR 323691	25.84 2.13 -0.01	22.39 1.68 -0.01	21.21 1.50 0.00	21.22 1.59 -0.19	23.22 1.55 -2.52	24.46 1.98 -0.01	39.30 3.69 -0.41	53.56 2.97 -11.45	42.72 2.35 -11.00	33.51 2.72 -4.10	30.83 2.63 -6.12	30.56 2.47 -5.40	30.41 2.50 -7.87	32.19 1.81 -10.51	37.34 1.42 -18.65	28.13 2.29 -5.36	36.37 3.06 -8.42	46.69 2.76 -19.47	71.34 2.23 -49.51	59.02 2.40 -36.06	42.27 2.40 -17.49	37.43 1.83 -17.35	34.35 1.10 -22.66	27.79 0.61 -21.19
LITTLE FALLS__HYD 24013	24.52 0.83 0.00	21.41 0.70 0.00	20.37 0.65 0.00	20.08 0.64 0.00	19.80 0.65 0.00	23.26 0.79 0.00	36.43 1.23 -0.01	40.76 1.37 -0.25	30.60 0.97 -0.25	27.62 0.85 -0.09	22.76 0.55 -0.12	23.44 0.70 -0.05	20.68 0.54 -0.11	20.53 0.66 -0.01	17.83 0.55 -0.01	21.07 0.53 -0.07	25.65 0.67 -0.08	25.52 0.61 -0.45	21.00 0.43 -0.98	21.75 0.43 -0.76	23.76 0.47 -0.90	19.63 0.53 -0.85	11.74 0.32 -0.84	6.75 0.18 -0.59
LITTLRIV_115KV_TB1 356100	23.81 0.12 0.00	20.83 0.12 0.00	19.83 0.12 0.00	19.56 0.12 0.00	19.28 0.13 0.00	22.50 0.02 0.00	34.75 -0.46 -0.01	38.96 -0.51 -0.33	29.19 -0.53 -0.34	26.03 -0.77 -0.12	21.39 -0.86 -0.16	21.85 -0.91 -0.07	19.26 -0.92 -0.15	19.07 -0.81 -0.01	16.52 -0.76 -0.01	19.71 -0.86 -0.09	24.06 -0.95 -0.11	24.39 -0.68 -0.62	20.41 -0.53 -1.34	20.88 -0.72 -1.04	13.17 -1.01 8.21	11.02 -0.68 6.56	4.85 -0.36 5.38	4.09 -0.17 1.72
LI_NEWBRDGE__DRP 323616	25.26 1.56 0.00	22.01 1.30 0.00	20.84 1.12 0.00	20.88 1.26 -0.18	22.92 1.26 -2.51	23.96 1.48 0.00	38.34 2.75 -0.40	53.21 2.62 -11.45	42.40 2.03 -11.00	32.95 2.21 -4.05	30.21 2.05 -6.07	30.19 2.11 -5.39	29.86 1.96 -7.87	34.16 1.49 -12.80	44.20 1.21 -25.72	27.78 1.99 -5.32	31.12 2.39 -3.84	46.01 2.15 -19.40	63.16 1.76 -41.80	54.85 1.89 -32.40	34.96 2.04 -10.54	32.75 1.48 -13.01	30.70 0.89 -19.22	27.67 0.47 -21.21
LOCKPORT_115KV_TB60_63_64 80432	23.72 0.02 0.00	20.83 0.12 0.00	19.93 0.22 0.00	19.57 0.14 0.00	19.11 -0.04 0.00	22.37 -0.11 0.00	34.45 -0.84 -0.10	40.22 -1.64 -2.73	31.10 -1.06 -2.78	27.03 -0.64 -0.99	22.96 -0.46 -1.34	23.01 -0.27 -0.60	21.01 -0.24 -1.22	19.64 -0.30 -0.06	17.24 -0.09 -0.06	20.85 -0.35 -0.72	25.20 -0.62 -0.93	28.63 -0.81 -4.98	29.69 -0.74 -10.84	28.49 -0.45 -8.38	24.74 -0.38 -2.73	21.40 -0.29 -3.44	14.85 -0.02 -4.29	10.72 0.14 -4.60
LOCKPORT__CC1 323769	23.74 0.05 0.00	20.86 0.15 0.00	19.95 0.24 0.00	19.59 0.15 0.00	19.11 -0.04 0.00	22.32 -0.16 0.00	34.20 -1.09 -0.10	40.26 -1.61 -2.73	31.12 -1.03 -2.78	27.16 -0.51 -0.99	22.99 -0.44 -1.34	23.03 -0.25 -0.60	20.95 -0.30 -1.22	19.64 -0.30 -0.06	17.26 -0.07 -0.06	20.93 -0.27 -0.72	25.23 -0.60 -0.93	28.63 -0.81 -4.98	29.69 -0.74 -10.84	28.32 -0.45 -8.21	24.72 -0.34 -2.67	21.35 -0.27 -3.37	14.77 -0.01 -4.20	10.63 0.14 -4.50

LOCKPORT___CC2 323770	23.74 0.05 0.00	20.86 0.15 0.00	19.95 0.24 0.00	19.59 0.15 0.00	19.11 -0.04 0.00	22.32 -0.16 0.00	34.20 -1.09 -0.10	40.26 -1.61 -2.73	31.12 -1.03 -2.78	27.16 -0.51 -0.99	22.99 -0.44 -1.34	23.03 -0.25 -0.60	20.95 -0.30 -1.22	19.64 -0.30 -0.06	17.26 -0.07 -0.06	20.93 -0.27 -0.72	25.23 -0.60 -0.93	28.63 -0.81 -4.98	29.69 -0.74 -10.84	28.32 -0.45 -8.21	24.72 -0.34 -2.67	21.35 -0.27 -3.37	14.77 -0.01 -4.20	10.63 0.14 -4.50
LOCKPORT___CC3 323771	23.74 0.05 0.00	20.86 0.15 0.00	19.95 0.24 0.00	19.59 0.15 0.00	19.11 -0.04 0.00	22.32 -0.16 0.00	34.20 -1.09 -0.10	40.26 -1.61 -2.73	31.12 -1.03 -2.78	27.16 -0.51 -0.99	22.99 -0.44 -1.34	23.03 -0.25 -0.60	20.95 -0.30 -1.22	19.64 -0.30 -0.06	17.26 -0.07 -0.06	20.93 -0.27 -0.72	25.23 -0.60 -0.93	28.63 -0.81 -4.98	29.69 -0.74 -10.84	28.32 -0.45 -8.21	24.72 -0.34 -2.67	21.35 -0.27 -3.37	14.77 -0.01 -4.20	10.63 0.14 -4.50
LONG_LAKE_PHOENIX 24014	23.60 -0.09 0.00	20.61 -0.10 0.00	19.62 -0.10 0.00	19.34 -0.10 0.00	19.03 -0.11 0.00	22.39 -0.09 0.00	35.05 -0.21 -0.07	40.70 -0.27 -1.84	31.04 -0.21 -1.87	27.21 -0.13 -0.67	22.77 -0.22 -0.90	22.95 -0.14 -0.40	20.65 -0.20 -0.82	19.75 -0.16 -0.04	17.19 -0.12 -0.04	20.76 -0.20 -0.49	25.25 -0.27 -0.63	27.57 -0.24 -3.36	26.74 -0.16 -7.30	26.09 -0.12 -5.65	24.16 -0.07 -1.84	20.63 0.05 -2.31	13.49 0.02 -2.89	9.10 0.02 -3.10
LOVETT___3 23632	24.83 1.14 0.00	21.66 0.95 0.00	20.58 0.87 0.00	20.31 0.87 0.00	20.03 0.88 0.00	23.53 1.06 0.00	37.63 2.08 -0.37	51.94 2.43 -10.38	41.20 1.79 -10.03	32.07 1.71 -3.68	28.35 1.48 -4.79	26.47 1.57 -2.22	25.71 1.40 -4.28	21.41 1.33 -0.20	18.62 1.16 -0.20	24.40 1.41 -2.51	30.14 1.77 -3.48	43.88 1.71 -17.71	59.17 1.37 -38.21	51.69 1.52 -29.61	33.61 1.59 -9.63	31.38 1.20 -11.92	25.79 0.69 -14.52	21.76 0.36 -15.42
LOVETT___4 23642	24.83 1.14 0.00	21.66 0.95 0.00	20.58 0.87 0.00	20.31 0.87 0.00	20.03 0.88 0.00	23.53 1.06 0.00	37.63 2.08 -0.37	51.94 2.43 -10.38	41.20 1.79 -10.03	32.07 1.71 -3.68	28.35 1.48 -4.79	26.47 1.57 -2.22	25.71 1.40 -4.28	21.41 1.33 -0.20	18.62 1.16 -0.20	24.40 1.41 -2.51	30.14 1.77 -3.48	43.88 1.71 -17.71	59.17 1.37 -38.21	51.69 1.52 -29.61	33.61 1.59 -9.63	31.38 1.20 -11.92	25.79 0.69 -14.52	21.76 0.36 -15.42
LOVETT___5 23593	24.83 1.14 0.00	21.66 0.95 0.00	20.58 0.87 0.00	20.31 0.87 0.00	20.03 0.88 0.00	23.53 1.06 0.00	37.63 2.08 -0.37	51.94 2.43 -10.38	41.20 1.79 -10.03	32.07 1.71 -3.68	28.35 1.48 -4.79	26.47 1.57 -2.22	25.71 1.40 -4.28	21.41 1.33 -0.20	18.62 1.16 -0.20	24.40 1.41 -2.51	30.14 1.77 -3.48	43.88 1.71 -17.71	59.17 1.37 -38.21	51.69 1.52 -29.61	33.61 1.59 -9.63	31.38 1.20 -11.92	25.79 0.69 -14.52	21.76 0.36 -15.42
LOWER RAQUET___HYD 24057	23.43 -0.26 0.00	20.52 -0.19 0.00	19.56 -0.16 0.00	19.26 -0.18 0.00	18.98 -0.17 0.00	22.12 -0.36 0.00	34.04 -1.16 -0.01	38.14 -1.33 -0.33	28.66 -1.06 -0.34	25.57 -1.23 -0.12	21.15 -1.10 -0.16	21.60 -1.16 -0.07	19.08 -1.10 -0.15	18.85 -1.03 -0.01	16.33 -0.95 -0.01	19.52 -1.04 -0.09	23.74 -1.27 -0.11	23.98 -1.10 -0.62	20.09 -0.84 -1.34	20.55 -1.05 -1.04	12.90 -1.28 8.21	10.72 -0.97 6.56	4.70 -0.51 5.38	4.01 -0.26 1.72
LOWER___HUDSON 24059	24.52 0.83 0.00	21.43 0.72 0.00	20.41 0.69 0.00	20.12 0.68 0.00	19.90 0.75 0.00	23.40 0.92 0.00	37.33 1.76 -0.38	51.51 1.92 -10.45	42.08 1.41 -11.30	31.76 1.23 -3.85	28.63 0.99 -5.54	26.02 1.00 -2.34	26.07 0.88 -5.16	21.06 0.91 -0.27	18.31 0.78 -0.26	24.46 0.88 -3.10	29.61 1.15 -3.57	46.28 1.17 -20.65	66.02 0.96 -45.46	56.67 1.03 -35.08	34.91 1.10 -11.43	33.78 0.80 -14.72	29.99 0.48 -18.93	26.80 0.26 -20.55
LOWVILLE_115KV_TB2 356335	23.98 0.28 0.00	20.92 0.21 0.00	19.89 0.18 0.00	19.59 0.16 0.00	19.36 0.21 0.00	22.75 0.27 0.00	35.29 0.07 -0.03	40.13 0.23 -0.76	30.44 0.29 -0.77	27.03 0.08 -0.27	22.33 -0.13 -0.37	22.67 -0.18 -0.17	20.17 -0.20 -0.34	19.75 -0.14 -0.02	17.13 -0.16 -0.02	20.49 -0.18 -0.20	25.08 -0.07 -0.26	25.99 0.15 -1.38	22.74 0.14 -3.00	22.95 0.06 -2.32	21.10 0.00 1.29	17.61 0.07 0.72	10.19 -0.17 0.22	6.61 -0.10 -0.73
LUTHERFT_115KV_GLOB_FND_222 355753	24.83 1.14 0.00	21.70 0.99 0.00	20.70 0.99 0.00	20.37 0.93 0.00	20.18 1.03 0.00	23.76 1.28 0.00	37.95 2.36 -0.40	52.68 2.58 -10.96	42.93 1.82 -11.73	32.28 1.55 -4.05	29.07 1.26 -5.73	26.32 1.18 -2.46	26.41 1.08 -5.29	21.26 1.11 -0.28	18.47 0.93 -0.27	24.78 1.13 -3.17	30.07 1.42 -3.76	47.19 1.44 -21.29	67.53 1.21 -46.72	57.98 1.32 -36.11	35.56 1.41 -11.76	34.33 1.02 -15.06	30.40 0.61 -19.21	27.10 0.33 -20.78
LUTHERNY_35_KV_BK2 355980	24.85 1.16 0.00	21.72 1.01 0.00	20.70 0.99 0.00	20.37 0.93 0.00	20.20 1.05 0.00	23.78 1.30 0.00	37.95 2.36 -0.40	52.72 2.62 -10.96	42.93 1.82 -11.73	32.28 1.55 -4.05	29.07 1.26 -5.73	26.32 1.18 -2.46	26.41 1.08 -5.29	21.26 1.11 -0.28	18.48 0.95 -0.27	24.78 1.13 -3.17	30.10 1.44 -3.76	47.22 1.47 -21.29	67.55 1.23 -46.72	57.98 1.32 -36.11	35.58 1.43 -11.76	34.35 1.04 -15.06	30.40 0.61 -19.21	27.10 0.33 -20.78
LWR___OSWEGATCHIE_HYD 23850	23.55 -0.14 0.00	20.59 -0.12 0.00	19.58 -0.14 0.00	19.30 -0.14 0.00	19.03 -0.11 0.00	22.30 -0.18 0.00	34.51 -0.70 -0.02	38.98 -0.74 -0.58	29.41 -0.56 -0.60	26.17 -0.72 -0.21	21.65 -0.73 -0.29	22.00 -0.82 -0.13	19.53 -0.76 -0.26	19.17 -0.72 -0.01	16.63 -0.66 -0.01	19.90 -0.74 -0.16	24.30 -0.80 -0.20	24.92 -0.61 -1.07	21.46 -0.47 -2.33	21.77 -0.60 -1.81	16.54 -0.78 5.07	13.85 -0.53 3.88	7.22 -0.38 2.98	5.26 -0.20 0.52
LYONS_FALL_HYD 23570	24.12 0.43 0.00	21.04 0.33 0.00	20.01 0.30 0.00	19.73 0.29 0.00	19.47 0.33 0.00	22.90 0.43 0.00	35.53 0.32 -0.02	40.49 0.66 -0.69	30.61 0.53 -0.70	27.25 0.32 -0.25	22.51 0.09 -0.34	22.91 0.07 -0.15	20.36 0.02 -0.31	19.97 0.08 -0.02	17.32 0.03 -0.01	20.76 0.10 -0.18	25.30 0.18 -0.23	26.06 0.34 -1.26	22.62 0.29 -2.73	22.92 0.25 -2.12	22.26 0.29 0.42	18.47 0.26 0.04	10.90 0.00 -0.32	6.84 -0.01 -0.86
MADISON___COUNTY_LFGE 323628	24.52 0.83 0.00	21.39 0.68 0.00	20.33 0.61 0.00	20.04 0.60 0.00	19.78 0.63 0.00	23.26 0.79 0.00	36.46 1.23 -0.04	41.72 1.53 -1.05	31.50 1.06 -1.07	27.94 0.88 -0.38	23.11 0.51 -0.52	23.46 0.54 -0.23	20.92 0.42 -0.47	20.39 0.50 -0.02	17.71 0.41 -0.02	21.23 0.47 -0.28	25.92 0.67 -0.36	27.18 0.81 -1.91	24.41 0.65 -4.17	24.44 0.66 -3.22	24.13 0.69 -1.05	20.23 0.66 -1.32	12.57 0.34 -1.65	7.94 0.19 -1.77
MALONE___115KV_TB1 356076	24.17 0.47 0.00	21.17 0.46 0.00	20.15 0.43 0.00	19.85 0.41 0.00	19.53 0.38 0.00	22.88 0.40 0.00	35.31 0.11 -0.01	39.33 0.00 -0.19	29.72 0.15 -0.19	26.72 -0.03 -0.07	22.14 -0.04 -0.09	22.64 -0.09 -0.04	19.96 -0.16 -0.09	19.74 -0.14 0.00	17.10 -0.17 0.00	20.40 -0.12 -0.05	24.78 -0.17 -0.07	24.66 -0.15 -0.35	20.34 -0.02 -0.76	20.88 -0.27 -0.59	11.74 -0.60 10.04	9.51 -0.62 8.12	3.41 -0.40 6.77	3.33 -0.25 2.41

MAPLEWOD_115KV_TB3 80458	24.48 0.78 0.00	21.41 0.70 0.00	20.35 0.63 0.00	20.06 0.62 0.00	19.82 0.67 0.00	23.31 0.83 0.00	37.12 1.55 -0.38	51.28 1.60 -10.53	41.97 1.23 -11.36	31.68 1.09 -3.90	28.51 0.86 -5.56	25.87 0.82 -2.37	25.95 0.76 -5.16	20.98 0.83 -0.27	18.24 0.71 -0.26	24.35 0.78 -3.10	29.54 1.05 -3.60	46.19 1.08 -20.66	65.92 0.90 -45.42	56.59 0.95 -35.09	34.85 1.03 -11.43	33.67 0.73 -14.68	29.83 0.43 -18.82	26.61 0.23 -20.40
MAPLE_RIDGE_WT_1 323574	23.29 -0.40 0.00	20.32 -0.39 0.00	19.32 -0.39 0.00	19.01 -0.43 0.00	18.67 -0.48 0.00	21.85 -0.63 0.00	34.10 -1.09 0.00	37.81 -1.33 0.00	28.38 -1.00 0.00	25.77 -0.91 0.00	21.43 -0.66 0.00	22.08 -0.61 0.00	19.53 -0.50 0.00	19.40 -0.48 0.00	16.84 -0.43 0.00	19.94 -0.53 0.00	24.17 -0.72 0.00	23.56 -0.90 0.00	18.65 -0.94 0.00	19.35 -1.21 0.00	0.00 -1.43 20.95	0.00 -1.13 17.12	-4.54 -0.66 14.47	0.00 -0.38 5.60
MAPLE_RIDGE_WT_2 323611	23.29 -0.40 0.00	20.32 -0.39 0.00	19.32 -0.39 0.00	19.01 -0.43 0.00	18.67 -0.48 0.00	21.85 -0.63 0.00	34.10 -1.09 0.00	37.81 -1.33 0.00	28.38 -1.00 0.00	25.77 -0.91 0.00	21.43 -0.66 0.00	22.08 -0.61 0.00	19.53 -0.50 0.00	19.40 -0.48 0.00	16.84 -0.43 0.00	19.94 -0.53 0.00	24.17 -0.72 0.00	23.56 -0.90 0.00	18.65 -0.94 0.00	19.35 -1.21 0.00	0.00 -1.43 20.95	0.00 -1.13 17.12	-4.54 -0.66 14.47	0.00 -0.38 5.60
MARBLE_RIVER_WT_PWR 323696	24.17 0.47 0.00	21.19 0.48 0.00	20.15 0.43 0.00	19.83 0.39 0.00	19.51 0.36 0.00	22.90 0.43 0.00	35.30 0.11 0.00	38.95 -0.19 0.00	29.49 0.12 0.00	26.57 -0.11 0.00	22.15 0.07 0.00	22.69 0.00 0.00	20.03 0.00 0.00	19.83 -0.04 0.00	17.20 -0.07 0.00	20.42 -0.06 0.00	24.84 -0.05 0.00	24.41 -0.05 0.00	19.67 0.08 0.00	20.37 -0.19 0.00	10.72 -0.63 11.04	8.59 -0.64 9.02	2.53 -0.42 7.62	2.76 -0.28 2.95
MARSHVLE_115KV_TB1 80742	24.74 1.04 0.00	21.60 0.89 0.00	20.54 0.83 0.00	20.18 0.74 0.00	20.01 0.86 0.00	23.69 1.21 0.00	38.17 2.57 -0.41	53.32 2.90 -11.29	43.07 1.73 -11.96	32.12 1.28 -4.16	28.91 0.99 -5.83	25.91 0.70 -2.52	26.12 0.72 -5.37	20.89 0.74 -0.28	18.18 0.64 -0.27	24.55 0.86 -3.21	29.89 1.12 -3.88	47.48 1.35 -21.68	68.29 1.21 -47.48	58.60 1.34 -36.70	35.75 1.41 -11.96	34.52 1.02 -15.25	30.52 0.58 -19.36	27.16 0.27 -20.91
MARSH_HILL_WT_PWR 323713	24.69 0.99 0.00	21.58 0.87 0.00	20.58 0.87 0.00	20.20 0.76 0.00	19.80 0.65 0.00	23.33 0.85 0.00	35.70 0.39 -0.12	42.80 0.35 -3.30	33.09 0.35 -3.36	28.49 0.61 -1.20	24.11 0.40 -1.62	24.14 0.73 -0.72	21.89 0.38 -1.48	20.44 0.50 -0.07	17.77 0.43 -0.07	21.78 0.43 -0.88	26.39 0.37 -1.13	30.76 0.27 -6.03	32.88 0.16 -13.13	30.97 0.37 -10.04	26.17 0.52 -3.27	22.72 0.35 -4.12	15.97 0.25 -5.14	11.70 0.21 -5.51
MCINTYRE_115KV_TB2 80467	24.12 0.43 0.00	21.10 0.39 0.00	20.07 0.35 0.00	19.79 0.35 0.00	19.53 0.38 0.00	22.81 0.34 0.00	35.24 0.04 -0.01	39.59 0.12 -0.33	29.60 -0.12 -0.34	26.32 -0.48 -0.12	21.61 -0.64 -0.16	22.01 -0.75 -0.07	19.42 -0.76 -0.15	19.22 -0.66 -0.01	16.64 -0.64 -0.01	19.89 -0.68 -0.09	24.36 -0.65 -0.11	24.76 -0.32 -0.62	20.72 -0.22 -1.34	21.18 -0.41 -1.04	13.46 -0.72 8.21	11.25 -0.44 6.56	4.97 -0.23 5.38	4.16 -0.11 1.72
MECO____69_KV_BK1 80468	25.52 1.82 0.00	22.26 1.55 0.00	21.15 1.44 0.00	20.76 1.32 0.00	20.60 1.46 0.00	24.41 1.93 0.00	39.44 3.84 -0.41	54.77 4.34 -11.29	44.07 2.73 -11.96	32.95 2.11 -4.16	29.13 1.21 -5.83	26.41 1.20 -2.52	26.32 0.92 -5.37	21.38 1.23 -0.28	18.62 1.09 -0.27	24.75 1.06 -3.21	30.31 1.54 -3.88	47.87 1.74 -21.68	68.61 1.53 -47.48	58.93 1.67 -36.70	36.09 1.75 -11.96	35.05 1.55 -15.25	30.83 0.89 -19.36	27.32 0.42 -20.91
MENANDS_115KV_TB5 355628	24.36 0.66 0.00	21.31 0.60 0.00	20.25 0.53 0.00	19.98 0.54 0.00	19.72 0.57 0.00	23.20 0.72 0.00	36.95 1.37 -0.38	51.02 1.37 -10.52	41.79 1.06 -11.35	31.54 0.96 -3.90	28.37 0.73 -5.56	25.76 0.70 -2.37	25.83 0.64 -5.15	20.86 0.72 -0.27	18.15 0.62 -0.26	24.22 0.66 -3.09	29.40 0.90 -3.61	46.06 0.93 -20.67	65.80 0.76 -45.44	56.46 0.80 -35.10	34.70 0.87 -11.44	33.54 0.60 -14.68	29.74 0.36 -18.80	26.55 0.20 -20.37
MG INDUSTRY__DRP 24185	24.45 0.76 0.00	21.39 0.68 0.00	20.35 0.63 0.00	20.04 0.60 0.00	19.59 0.44 0.00	22.99 0.52 0.00	36.68 1.09 -0.39	51.15 1.10 -10.91	41.99 1.09 -11.53	31.67 0.96 -4.03	28.45 0.75 -5.61	25.85 0.73 -2.44	25.85 0.66 -5.16	20.85 0.72 -0.27	18.15 0.62 -0.26	24.23 0.68 -3.08	29.60 0.90 -3.81	46.40 0.93 -21.01	66.26 0.74 -45.92	56.87 0.80 -35.51	34.85 0.90 -11.57	33.58 0.64 -14.68	29.51 0.39 -18.54	26.17 0.22 -19.97
MID__OSWEGATCHIE_HYD 23849	23.55 -0.14 0.00	20.59 -0.12 0.00	19.58 -0.14 0.00	19.30 -0.14 0.00	19.03 -0.11 0.00	22.30 -0.18 0.00	34.51 -0.70 -0.02	38.98 -0.74 -0.58	29.41 -0.56 -0.60	26.17 -0.72 -0.21	21.65 -0.73 -0.29	22.00 -0.82 -0.13	19.53 -0.76 -0.26	19.17 -0.72 -0.01	16.63 -0.66 -0.01	19.90 -0.74 -0.16	24.30 -0.80 -0.20	24.92 -0.61 -1.07	21.46 -0.47 -2.33	21.77 -0.60 -1.81	16.54 -0.78 5.07	13.85 -0.53 3.88	7.22 -0.38 2.98	5.26 -0.20 0.52
MID__RAQUETTE_HYD 23851	23.43 -0.26 0.00	20.52 -0.19 0.00	19.56 -0.16 0.00	19.26 -0.17 0.00	18.98 -0.17 0.00	22.12 -0.36 0.00	34.11 -1.09 -0.01	38.14 -1.33 -0.33	28.66 -1.06 -0.34	25.63 -1.17 -0.12	21.15 -1.10 -0.16	21.60 -1.16 -0.07	19.06 -1.12 -0.15	18.85 -1.03 -0.01	16.33 -0.95 -0.01	19.48 -1.09 -0.09	23.74 -1.27 -0.11	23.98 -1.10 -0.62	20.07 -0.86 -1.34	20.55 -1.05 -1.04	12.85 -1.32 8.21	10.72 -0.97 6.56	4.70 -0.51 5.38	4.01 -0.26 1.72
MILLIKEN__1 23584	24.62 0.92 0.00	21.50 0.79 0.00	20.44 0.73 0.00	20.14 0.70 0.00	19.82 0.67 0.00	23.33 0.85 0.00	36.61 1.30 -0.12	43.93 1.53 -3.27	33.79 1.09 -3.33	28.85 0.99 -1.19	24.38 0.68 -1.61	24.13 0.73 -0.72	22.05 0.56 -1.46	20.54 0.60 -0.07	17.86 0.52 -0.07	21.94 0.59 -0.87	26.78 0.77 -1.11	31.28 0.86 -5.96	33.32 0.74 -12.98	31.47 0.86 -10.04	26.64 0.98 -3.27	23.19 0.82 -4.11	16.17 0.46 -5.13	11.76 0.27 -5.51
MILLIKEN__2 23585	24.62 0.92 0.00	21.50 0.79 0.00	20.44 0.73 0.00	20.14 0.70 0.00	19.82 0.67 0.00	23.33 0.85 0.00	36.61 1.30 -0.12	43.93 1.53 -3.27	33.79 1.09 -3.33	28.85 0.99 -1.19	24.38 0.68 -1.61	24.13 0.73 -0.72	22.05 0.56 -1.46	20.54 0.60 -0.07	17.86 0.52 -0.07	21.94 0.59 -0.87	26.78 0.77 -1.11	31.28 0.86 -5.96	33.32 0.74 -12.98	31.47 0.86 -10.04	26.64 0.98 -3.27	23.19 0.82 -4.11	16.17 0.46 -5.13	11.76 0.27 -5.51
MILLIKEN__DIESEL 23629	24.62 0.92 0.00	21.50 0.79 0.00	20.44 0.73 0.00	20.14 0.70 0.00	19.82 0.67 0.00	23.33 0.85 0.00	36.61 1.30 -0.12	43.93 1.53 -3.27	33.79 1.09 -3.33	28.85 0.99 -1.19	24.38 0.68 -1.61	24.13 0.73 -0.72	22.05 0.56 -1.46	20.54 0.60 -0.07	17.86 0.52 -0.07	21.94 0.59 -0.87	26.78 0.77 -1.11	31.28 0.86 -5.96	33.32 0.74 -12.98	31.47 0.86 -10.04	26.64 0.98 -3.27	23.19 0.82 -4.11	16.17 0.46 -5.13	11.76 0.27 -5.51

MILLSEAT___LFGE 323607	24.10 0.40 0.00	21.12 0.41 0.00	20.19 0.47 0.00	19.85 0.41 0.00	19.38 0.23 0.00	22.70 0.22 0.00	34.94 -0.35 -0.10	41.19 -0.63 -2.68	31.78 -0.32 -2.73	27.71 0.05 -0.97	23.43 0.02 -1.32	23.43 0.16 -0.59	21.27 0.04 -1.20	19.97 0.04 -0.06	17.53 0.21 -0.06	21.27 0.08 -0.71	25.68 -0.12 -0.91	29.08 -0.27 -4.89	29.95 -0.29 -10.64	28.65 0.00 -8.10	25.16 0.14 -2.64	21.67 0.09 -3.32	14.89 0.17 -4.14	10.65 0.23 -4.44
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	24.93 1.23 0.00	21.74 1.04 0.00	20.62 0.91 0.00	20.37 0.93 0.00	20.09 0.94 0.00	23.62 1.15 0.00	37.81 2.22 -0.40	53.05 2.54 -11.37	42.27 1.97 -10.93	32.57 1.87 -4.03	28.95 1.66 -5.21	26.85 1.75 -2.42	26.24 1.56 -4.64	21.56 1.47 -0.22	18.73 1.24 -0.21	24.78 1.58 -2.72	30.65 1.94 -3.81	45.56 1.83 -19.27	62.59 1.47 -41.52	54.35 1.60 -32.18	34.51 1.66 -10.47	32.44 1.26 -12.93	27.02 0.73 -15.71	23.02 0.38 -16.65
MILLWOOD_13_KV_LOAD 356217	24.97 1.28 0.00	21.79 1.08 0.00	20.66 0.95 0.00	20.41 0.97 0.00	20.11 0.96 0.00	23.67 1.19 0.00	37.88 2.29 -0.40	53.17 2.66 -11.37	42.33 2.03 -10.93	32.63 1.92 -4.03	28.97 1.68 -5.21	26.88 1.77 -2.42	26.26 1.58 -4.64	21.60 1.51 -0.22	18.76 1.28 -0.21	24.80 1.60 -2.72	30.70 1.99 -3.81	45.61 1.88 -19.27	62.63 1.51 -41.52	54.39 1.64 -32.18	34.56 1.70 -10.47	32.50 1.31 -12.93	27.03 0.74 -15.71	23.03 0.39 -16.65
MODEL_CITY_ENERGY 24167	23.46 -0.24 0.00	20.63 -0.08 0.00	19.74 0.02 0.00	19.38 -0.06 0.00	18.92 -0.23 0.00	22.05 -0.43 0.00	33.78 -1.51 -0.10	39.72 -2.19 -2.77	30.76 -1.44 -2.82	26.83 -0.85 -1.01	22.74 -0.71 -1.36	22.75 -0.54 -0.61	20.75 -0.52 -1.24	19.40 -0.54 -0.06	17.05 -0.28 -0.06	20.70 -0.51 -0.74	24.94 -0.90 -0.94	28.42 -1.10 -5.06	29.61 -1.00 -11.01	28.15 -0.72 -8.31	24.49 -0.60 -2.71	21.19 -0.47 -3.41	14.71 -0.13 -4.25	10.62 0.08 -4.56
MODERN_LFGE___ 323580	23.46 -0.24 0.00	20.63 -0.08 0.00	19.74 0.02 0.00	19.38 -0.06 0.00	18.92 -0.23 0.00	22.05 -0.43 0.00	33.78 -1.51 -0.10	39.72 -2.19 -2.77	30.76 -1.44 -2.82	26.83 -0.85 -1.01	22.74 -0.71 -1.36	22.75 -0.54 -0.61	20.75 -0.52 -1.24	19.40 -0.54 -0.06	17.05 -0.28 -0.06	20.70 -0.51 -0.74	24.94 -0.90 -0.94	28.42 -1.10 -5.06	29.61 -1.00 -11.01	28.15 -0.72 -8.31	24.49 -0.60 -2.71	21.19 -0.47 -3.41	14.71 -0.13 -4.25	10.62 0.08 -4.56
MOHAWK_PAPER___DRP 24187	24.48 0.78 0.00	21.41 0.70 0.00	20.35 0.63 0.00	20.06 0.62 0.00	19.82 0.67 0.00	23.31 0.83 0.00	37.12 1.55 -0.38	51.28 1.60 -10.53	41.97 1.23 -11.36	31.68 1.09 -3.90	28.51 0.86 -5.56	25.87 0.82 -2.37	25.95 0.76 -5.16	20.98 0.83 -0.27	18.24 0.71 -0.26	24.35 0.78 -3.10	29.54 1.05 -3.60	46.19 1.08 -20.66	65.92 0.90 -45.42	56.59 0.95 -35.09	34.85 1.03 -11.43	33.67 0.73 -14.68	29.83 0.43 -18.82	26.61 0.23 -20.40
MOHICAN___35_KV_115KV_LD 80490	24.93 1.23 0.00	21.77 1.06 0.00	20.84 1.12 0.00	20.49 1.05 0.00	20.39 1.24 0.00	24.05 1.57 0.00	38.51 2.92 -0.40	53.37 3.25 -10.98	43.33 2.20 -11.75	32.61 1.87 -4.06	29.28 1.46 -5.74	26.49 1.34 -2.46	26.54 1.20 -5.30	21.40 1.25 -0.28	18.61 1.07 -0.27	24.90 1.25 -3.18	30.20 1.54 -3.77	47.34 1.57 -21.32	67.71 1.33 -46.78	58.17 1.46 -36.15	35.73 1.57 -11.78	34.44 1.11 -15.07	30.47 0.67 -19.22	27.12 0.35 -20.79
MONGAUP___HYD 23641	25.31 1.61 0.00	22.08 1.37 0.00	20.98 1.26 0.00	20.66 1.23 0.00	20.36 1.21 0.00	23.76 1.28 0.00	38.23 2.67 -0.36	52.19 2.78 -10.27	40.96 1.64 -9.94	31.50 1.17 -3.65	27.89 1.06 -4.75	25.86 0.97 -2.20	25.26 0.98 -4.24	20.95 0.87 -0.20	18.24 0.78 -0.20	24.10 1.13 -2.49	30.14 1.79 -3.46	44.07 2.03 -17.58	59.16 1.65 -37.92	50.18 1.42 -28.20	33.08 1.52 -9.18	30.73 1.13 -11.34	25.02 0.62 -13.81	20.96 0.32 -14.65
MONTAUK___DIESEL 23721	26.56 2.87 0.00	23.01 2.30 0.00	21.83 2.11 0.00	21.80 2.18 -0.18	23.75 2.09 -2.51	25.17 2.70 0.00	39.99 4.40 -0.40	54.85 4.27 -11.45	43.67 3.29 -11.00	34.38 3.60 -4.10	31.82 3.62 -6.11	31.30 3.22 -5.39	31.11 3.21 -7.87	32.78 2.38 -10.52	37.90 1.95 -18.68	29.15 3.32 -5.36	37.52 4.21 -8.42	47.69 3.79 -19.44	72.19 3.10 -49.50	59.97 3.31 -36.10	43.50 3.58 -17.53	38.11 2.46 -17.39	34.73 1.45 -22.70	28.00 0.80 -21.21
MOONROAD_115KV_HARTFLD_TB1-2 355988	24.24 0.54 0.00	21.25 0.54 0.00	20.27 0.55 0.00	19.87 0.43 0.00	19.38 0.23 0.00	22.79 0.31 0.00	34.63 -0.67 -0.11	40.78 -1.37 -3.01	31.53 -0.91 -3.07	27.29 -0.48 -1.09	23.30 -0.27 -1.48	23.32 -0.02 -0.66	21.38 0.00 -1.35	20.02 0.08 -0.07	17.42 0.09 -0.06	21.17 -0.10 -0.80	25.60 -0.32 -1.03	29.35 -0.61 -5.50	30.89 -0.67 -11.97	29.32 -0.49 -9.26	24.77 -0.63 -3.01	21.47 -0.58 -3.79	15.12 -0.20 -4.73	11.06 -0.01 -5.08
MORTIMER_115KV_TB3 55949	23.98 0.28 0.00	20.96 0.25 0.00	19.95 0.24 0.00	19.65 0.21 0.00	19.26 0.11 0.00	22.68 0.20 0.00	35.56 0.28 -0.09	41.70 0.12 -2.44	32.04 0.18 -2.49	27.86 0.29 -0.89	23.60 0.31 -1.20	23.59 0.36 -0.54	21.43 0.30 -1.09	20.13 0.20 -0.05	17.63 0.31 -0.05	21.39 0.27 -0.65	25.95 0.22 -0.83	29.12 0.20 -4.47	29.43 0.12 -9.72	28.37 0.29 -7.52	25.22 0.38 -2.45	21.63 0.29 -3.08	14.67 0.24 -3.85	10.31 0.20 -4.12
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	25.07 1.37 0.00	21.85 1.14 0.00	20.72 1.01 0.00	20.47 1.03 0.00	20.18 1.03 0.00	23.74 1.26 0.00	38.06 2.46 -0.40	53.45 2.86 -11.45	42.58 2.20 -11.00	32.87 2.13 -4.06	29.21 1.88 -5.24	27.09 1.97 -2.43	26.12 1.76 -4.32	19.47 1.67 2.07	15.07 1.42 3.61	23.84 1.78 -1.58	30.91 2.19 -3.83	45.94 2.08 -19.40	63.06 1.65 -41.81	54.74 1.77 -32.41	34.74 1.81 -10.54	32.68 1.41 -13.01	27.22 0.83 -15.81	23.17 0.42 -16.77
MUNSVILLE_WIND_PWR 323609	25.95 2.25 0.00	22.59 1.88 0.00	21.45 1.74 0.00	21.13 1.69 0.00	20.87 1.72 0.00	24.59 2.11 0.00	38.45 3.10 -0.16	47.64 4.03 -4.47	36.60 2.67 -4.55	30.46 2.16 -1.62	25.67 1.39 -2.20	25.03 1.36 -0.98	23.15 1.12 -2.00	21.16 1.19 -0.10	18.33 0.97 -0.10	22.97 1.31 -1.18	28.23 1.82 -1.52	34.77 2.15 -8.15	39.06 1.72 -17.74	36.02 1.77 -13.70	28.75 1.90 -4.46	25.38 1.51 -5.61	18.42 0.84 -7.00	13.97 0.47 -7.51
N SALMON___HYD 24042	24.17 0.47 0.00	21.16 0.46 0.00	20.15 0.43 0.00	19.85 0.41 0.00	19.53 0.38 0.00	22.88 0.41 0.00	35.34 0.14 -0.01	39.33 0.00 -0.19	29.75 0.18 -0.19	26.59 -0.16 -0.07	22.14 -0.04 -0.09	22.64 -0.09 -0.04	19.96 -0.16 -0.09	19.74 -0.14 0.00	17.10 -0.17 0.00	20.39 -0.14 -0.05	24.79 -0.17 -0.07	24.67 -0.15 -0.35	20.34 -0.02 -0.76	20.88 -0.27 -0.59	11.69 -0.65 10.04	9.51 -0.62 8.12	3.41 -0.40 6.77	3.33 -0.25 2.41
N.AKRON___115KV_KNAPP 355671	24.10 0.40 0.00	21.12 0.41 0.00	20.19 0.47 0.00	19.85 0.41 0.00	19.38 0.23 0.00	22.75 0.27 0.00	35.18 -0.11 -0.10	41.16 -0.67 -2.69	31.76 -0.35 -2.74	27.58 -0.08 -0.98	23.39 -0.02 -1.32	23.43 0.16 -0.59	21.31 0.08 -1.20	19.99 0.06 -0.06	17.53 0.21 -0.06	21.19 0.00 -0.71	25.66 -0.15 -0.92	29.08 -0.29 -4.91	29.97 -0.31 -10.69	28.81 -0.02 -8.27	25.15 0.07 -2.69	21.72 0.07 -3.39	14.98 0.17 -4.23	10.75 0.23 -4.53

N.BELMOR_69_KV_BK1 55787	25.47 1.78 0.00	22.18 1.47 0.00	21.00 1.28 0.00	21.02 1.40 -0.18	23.04 1.38 -2.51	24.16 1.69 0.00	38.55 2.96 -0.40	53.44 2.86 -11.45	42.58 2.20 -11.00	33.14 2.40 -4.05	30.41 2.25 -6.07	30.35 2.27 -5.39	30.04 2.14 -7.87	27.62 1.69 -6.05	23.52 1.36 -4.89	27.96 2.17 -5.32	31.41 2.64 -3.87	46.26 2.40 -19.40	63.42 1.96 -41.87	55.11 2.12 -32.43	35.27 2.28 -10.60	32.95 1.64 -13.05	30.83 0.99 -19.25	27.73 0.53 -21.21
N.E_GEN_SANDY PD 24062	24.50 0.81 0.00	21.41 0.70 0.00	20.37 0.65 0.00	20.10 0.66 0.00	19.88 0.73 0.00	23.35 0.88 0.00	36.80 1.62 0.01	39.15 1.76 1.75	34.53 1.38 -3.77	28.10 1.23 -0.19	25.56 1.06 -2.41	24.00 1.11 -0.20	24.00 0.98 -2.99	22.02 0.97 -1.18	21.21 0.83 -3.11	23.50 0.98 -2.04	26.00 1.27 0.16	35.00 1.25 -9.29	44.37 1.00 -23.77	39.53 1.07 -17.90	29.40 1.12 -5.90	28.75 0.84 -9.65	26.84 0.49 -15.77	24.82 0.27 -18.57
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	24.88 1.18 0.00	21.70 0.99 0.00	20.60 0.89 0.00	20.35 0.91 0.00	20.05 0.90 0.00	23.56 1.08 0.00	37.70 2.15 -0.37	51.98 2.47 -10.37	41.26 1.85 -10.03	32.10 1.73 -3.68	28.38 1.50 -4.79	26.49 1.59 -2.22	25.73 1.42 -4.28	21.45 1.37 -0.20	18.64 1.17 -0.20	24.42 1.43 -2.51	30.19 1.82 -3.48	43.90 1.74 -17.71	59.20 1.41 -38.20	51.72 1.56 -29.60	33.63 1.61 -9.63	31.41 1.24 -11.91	25.81 0.71 -14.52	21.76 0.37 -15.41
N.QUEENS_27_KV_LOAD 356247	25.16 1.47 0.00	21.89 1.18 0.00	20.72 1.01 0.00	20.43 0.99 0.00	20.13 0.98 0.00	23.58 1.10 0.00	37.85 2.25 -0.40	53.17 2.58 -11.45	42.52 2.14 -11.00	32.76 2.03 -4.06	29.21 1.88 -5.24	27.18 2.04 -2.45	27.25 1.82 -5.40	28.48 1.73 -6.87	32.71 1.47 -13.97	27.49 1.84 -5.17	31.01 2.27 -3.85	45.92 2.05 -19.40	63.00 1.59 -41.81	54.65 1.69 -32.41	34.63 1.70 -10.54	32.59 1.31 -13.01	27.22 0.83 -15.81	23.16 0.41 -16.77
N.TROY___115KV_TB1 355778	24.52 0.83 0.00	21.43 0.72 0.00	20.41 0.69 0.00	20.12 0.68 0.00	19.90 0.75 0.00	23.40 0.92 0.00	37.26 1.69 -0.38	51.51 1.92 -10.45	42.15 1.41 -11.37	31.77 1.20 -3.89	28.65 0.99 -5.57	26.02 0.98 -2.36	26.09 0.88 -5.18	21.06 0.91 -0.27	18.31 0.78 -0.26	24.51 0.92 -3.11	29.62 1.15 -3.58	46.32 1.17 -20.68	66.08 0.96 -45.53	56.75 1.03 -35.16	34.94 1.10 -11.46	33.81 0.80 -14.75	30.02 0.48 -18.96	26.82 0.26 -20.57
NARROWS_GT1_1 24228	25.19 1.49 0.00	21.93 1.22 0.00	20.76 1.04 0.00	20.47 1.03 0.00	20.16 1.01 0.00	23.68 1.21 0.01	38.05 2.46 -0.39	53.40 2.82 -11.44	42.64 2.26 -11.00	32.87 2.14 -4.05	29.25 1.92 -5.24	27.18 2.04 -2.45	27.28 1.82 -5.43	26.73 1.73 -5.13	27.15 1.47 -8.42	27.54 1.82 -5.24	31.05 2.29 -3.86	46.02 2.13 -19.43	63.11 1.65 -41.87	54.69 1.75 -32.38	34.71 1.79 -10.53	32.66 1.41 -13.00	27.25 0.88 -15.79	23.15 0.43 -16.74
NARROWS_GT1_2 24229	25.19 1.49 0.00	21.93 1.22 0.00	20.76 1.04 0.00	20.47 1.03 0.00	20.16 1.01 0.00	23.68 1.21 0.01	38.05 2.46 -0.39	53.40 2.82 -11.44	42.64 2.26 -11.00	32.87 2.14 -4.05	29.25 1.92 -5.24	27.18 2.04 -2.45	27.28 1.82 -5.43	26.73 1.73 -5.13	27.15 1.47 -8.42	27.54 1.82 -5.24	31.05 2.29 -3.86	46.02 2.13 -19.43	63.11 1.65 -41.87	54.69 1.75 -32.38	34.71 1.79 -10.53	32.66 1.41 -13.00	27.25 0.88 -15.79	23.15 0.43 -16.74
NARROWS_GT1_3 24230	25.19 1.49 0.00	21.93 1.22 0.00	20.76 1.04 0.00	20.47 1.03 0.00	20.16 1.01 0.00	23.68 1.21 0.01	38.05 2.46 -0.39	53.40 2.82 -11.44	42.64 2.26 -11.00	32.87 2.14 -4.05	29.25 1.92 -5.24	27.18 2.04 -2.45	27.28 1.82 -5.43	26.73 1.73 -5.13	27.15 1.47 -8.42	27.54 1.82 -5.24	31.05 2.29 -3.86	46.02 2.13 -19.43	63.11 1.65 -41.87	54.69 1.75 -32.38	34.71 1.79 -10.53	32.66 1.41 -13.00	27.25 0.88 -15.79	23.15 0.43 -16.74
NARROWS_GT1_4 24231	25.19 1.49 0.00	21.93 1.22 0.00	20.76 1.04 0.00	20.47 1.03 0.00	20.16 1.01 0.00	23.68 1.21 0.01	38.05 2.46 -0.39	53.40 2.82 -11.44	42.64 2.26 -11.00	32.87 2.14 -4.05	29.25 1.92 -5.24	27.18 2.04 -2.45	27.28 1.82 -5.43	26.73 1.73 -5.13	27.15 1.47 -8.42	27.54 1.82 -5.24	31.05 2.29 -3.86	46.02 2.13 -19.43	63.11 1.65 -41.87	54.69 1.75 -32.38	34.71 1.79 -10.53	32.66 1.41 -13.00	27.25 0.88 -15.79	23.15 0.43 -16.74
NARROWS_GT1_5 24232	25.19 1.49 0.00	21.93 1.22 0.00	20.76 1.04 0.00	20.47 1.03 0.00	20.16 1.01 0.00	23.68 1.21 0.01	38.05 2.46 -0.39	53.40 2.82 -11.44	42.64 2.26 -11.00	32.87 2.14 -4.05	29.25 1.92 -5.24	27.18 2.04 -2.45	27.28 1.82 -5.43	26.73 1.73 -5.13	27.15 1.47 -8.42	27.54 1.82 -5.24	31.05 2.29 -3.86	46.02 2.13 -19.43	63.11 1.65 -41.87	54.69 1.75 -32.38	34.71 1.79 -10.53	32.66 1.41 -13.00	27.25 0.88 -15.79	23.15 0.43 -16.74
NARROWS_GT1_6 24233	25.19 1.49 0.00	21.93 1.22 0.00	20.76 1.04 0.00	20.47 1.03 0.00	20.16 1.01 0.00	23.68 1.21 0.01	38.05 2.46 -0.39	53.40 2.82 -11.44	42.64 2.26 -11.00	32.87 2.14 -4.05	29.25 1.92 -5.24	27.18 2.04 -2.45	27.28 1.82 -5.43	26.73 1.73 -5.13	27.15 1.47 -8.42	27.54 1.82 -5.24	31.05 2.29 -3.86	46.02 2.13 -19.43	63.11 1.65 -41.87	54.69 1.75 -32.38	34.71 1.79 -10.53	32.66 1.41 -13.00	27.25 0.88 -15.79	23.15 0.43 -16.74
NARROWS_GT1_7 24234	25.19 1.49 0.00	21.93 1.22 0.00	20.76 1.04 0.00	20.47 1.03 0.00	20.16 1.01 0.00	23.68 1.21 0.01	38.05 2.46 -0.39	53.40 2.82 -11.44	42.64 2.26 -11.00	32.87 2.14 -4.05	29.25 1.92 -5.24	27.18 2.04 -2.45	27.28 1.82 -5.43	26.73 1.73 -5.13	27.15 1.47 -8.42	27.54 1.82 -5.24	31.05 2.29 -3.86	46.02 2.13 -19.43	63.11 1.65 -41.87	54.69 1.75 -32.38	34.71 1.79 -10.53	32.66 1.41 -13.00	27.25 0.88 -15.79	23.15 0.43 -16.74
NARROWS_GT1_8 24235	25.19 1.49 0.00	21.93 1.22 0.00	20.76 1.04 0.00	20.47 1.03 0.00	20.16 1.01 0.00	23.68 1.21 0.01	38.05 2.46 -0.39	53.40 2.82 -11.44	42.64 2.26 -11.00	32.87 2.14 -4.05	29.25 1.92 -5.24	27.18 2.04 -2.45	27.28 1.82 -5.43	26.73 1.73 -5.13	27.15 1.47 -8.42	27.54 1.82 -5.24	31.05 2.29 -3.86	46.02 2.13 -19.43	63.11 1.65 -41.87	54.69 1.75 -32.38	34.71 1.79 -10.53	32.66 1.41 -13.00	27.25 0.88 -15.79	23.15 0.43 -16.74
NARROWS_GT2_1 24236	25.19 1.49 0.00	21.93 1.22 0.00	20.76 1.04 0.00	20.47 1.03 0.00	20.16 1.01 0.00	23.68 1.21 0.01	38.05 2.46 -0.39	53.40 2.82 -11.44	42.64 2.26 -11.00	32.87 2.14 -4.05	29.25 1.92 -5.24	27.18 2.04 -2.45	27.28 1.82 -5.43	26.73 1.73 -5.13	27.15 1.47 -8.42	27.54 1.82 -5.24	31.05 2.29 -3.86	46.02 2.13 -19.43	63.11 1.65 -41.87	54.69 1.75 -32.38	34.71 1.79 -10.53	32.66 1.41 -13.00	27.25 0.88 -15.79	23.15 0.43 -16.74
NARROWS_GT2_2 24237	25.19 1.49 0.00	21.93 1.22 0.00	20.76 1.04 0.00	20.47 1.03 0.00	20.16 1.01 0.00	23.68 1.21 0.01	38.05 2.46 -0.39	53.40 2.82 -11.44	42.64 2.26 -11.00	32.87 2.14 -4.05	29.25 1.92 -5.24	27.18 2.04 -2.45	27.28 1.82 -5.43	26.73 1.73 -5.13	27.15 1.47 -8.42	27.54 1.82 -5.24	31.05 2.29 -3.86	46.02 2.13 -19.43	63.11 1.65 -41.87	54.69 1.75 -32.38	34.71 1.79 -10.53	32.66 1.41 -13.00	27.25 0.88 -15.79	23.15 0.43 -16.74

NARROWS_GT2_3 24238	25.19 1.49 0.00	21.93 1.22 0.00	20.76 1.04 0.00	20.47 1.03 0.00	20.16 1.01 0.00	23.68 1.21 0.01	38.05 2.46 -0.39	53.40 2.82 -11.44	42.64 2.26 -11.00	32.87 2.14 -4.05	29.25 1.92 -5.24	27.18 2.04 -2.45	27.28 1.82 -5.43	26.73 1.73 -5.13	27.15 1.47 -8.42	27.54 1.82 -5.24	31.05 2.29 -3.86	46.02 2.13 -19.43	63.11 1.65 -41.87	54.69 1.75 -32.38	34.71 1.79 -10.53	32.66 1.41 -13.00	27.25 0.88 -15.79	23.15 0.43 -16.74
NARROWS_GT2_4 24239	25.19 1.49 0.00	21.93 1.22 0.00	20.76 1.04 0.00	20.47 1.03 0.00	20.16 1.01 0.00	23.68 1.21 0.01	38.05 2.46 -0.39	53.40 2.82 -11.44	42.64 2.26 -11.00	32.87 2.14 -4.05	29.25 1.92 -5.24	27.18 2.04 -2.45	27.28 1.82 -5.43	26.73 1.73 -5.13	27.15 1.47 -8.42	27.54 1.82 -5.24	31.05 2.29 -3.86	46.02 2.13 -19.43	63.11 1.65 -41.87	54.69 1.75 -32.38	34.71 1.79 -10.53	32.66 1.41 -13.00	27.25 0.88 -15.79	23.15 0.43 -16.74
NARROWS_GT2_5 24240	25.19 1.49 0.00	21.93 1.22 0.00	20.76 1.04 0.00	20.47 1.03 0.00	20.16 1.01 0.00	23.68 1.21 0.01	38.05 2.46 -0.39	53.40 2.82 -11.44	42.64 2.26 -11.00	32.87 2.14 -4.05	29.25 1.92 -5.24	27.18 2.04 -2.45	27.28 1.82 -5.43	26.73 1.73 -5.13	27.15 1.47 -8.42	27.54 1.82 -5.24	31.05 2.29 -3.86	46.02 2.13 -19.43	63.11 1.65 -41.87	54.69 1.75 -32.38	34.71 1.79 -10.53	32.66 1.41 -13.00	27.25 0.88 -15.79	23.15 0.43 -16.74
NARROWS_GT2_6 24241	25.19 1.49 0.00	21.93 1.22 0.00	20.76 1.04 0.00	20.47 1.03 0.00	20.16 1.01 0.00	23.68 1.21 0.01	38.05 2.46 -0.39	53.40 2.82 -11.44	42.64 2.26 -11.00	32.87 2.14 -4.05	29.25 1.92 -5.24	27.18 2.04 -2.45	27.28 1.82 -5.43	26.73 1.73 -5.13	27.15 1.47 -8.42	27.54 1.82 -5.24	31.05 2.29 -3.86	46.02 2.13 -19.43	63.11 1.65 -41.87	54.69 1.75 -32.38	34.71 1.79 -10.53	32.66 1.41 -13.00	27.25 0.88 -15.79	23.15 0.43 -16.74
NARROWS_GT2_7 24242	25.19 1.49 0.00	21.93 1.22 0.00	20.76 1.04 0.00	20.47 1.03 0.00	20.16 1.01 0.00	23.68 1.21 0.01	38.05 2.46 -0.39	53.40 2.82 -11.44	42.64 2.26 -11.00	32.87 2.14 -4.05	29.25 1.92 -5.24	27.18 2.04 -2.45	27.28 1.82 -5.43	26.73 1.73 -5.13	27.15 1.47 -8.42	27.54 1.82 -5.24	31.05 2.29 -3.86	46.02 2.13 -19.43	63.11 1.65 -41.87	54.69 1.75 -32.38	34.71 1.79 -10.53	32.66 1.41 -13.00	27.25 0.88 -15.79	23.15 0.43 -16.74
NARROWS_GT2_8 24243	25.19 1.49 0.00	21.93 1.22 0.00	20.76 1.04 0.00	20.47 1.03 0.00	20.16 1.01 0.00	23.68 1.21 0.01	38.05 2.46 -0.39	53.40 2.82 -11.44	42.64 2.26 -11.00	32.87 2.14 -4.05	29.25 1.92 -5.24	27.18 2.04 -2.45	27.28 1.82 -5.43	26.73 1.73 -5.13	27.15 1.47 -8.42	27.54 1.82 -5.24	31.05 2.29 -3.86	46.02 2.13 -19.43	63.11 1.65 -41.87	54.69 1.75 -32.38	34.71 1.79 -10.53	32.66 1.41 -13.00	27.25 0.88 -15.79	23.15 0.43 -16.74
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	24.76 1.07 0.00	21.66 0.95 0.00	20.60 0.89 0.00	20.27 0.84 0.00	19.95 0.80 0.00	23.38 0.90 0.00	37.66 2.08 -0.39	52.03 2.15 -10.74	41.97 1.38 -11.21	31.74 1.12 -3.93	28.22 0.68 -5.45	25.68 0.61 -2.38	25.43 0.40 -4.99	20.74 0.62 -0.26	18.00 0.48 -0.25	23.89 0.43 -2.98	29.62 1.00 -3.74	46.04 1.17 -20.40	64.95 0.82 -44.53	55.86 0.86 -34.44	34.54 0.94 -11.22	33.02 0.57 -14.20	28.75 0.31 -17.86	25.35 0.15 -19.21
NCHELSEA_115KV_TR2 355582	25.02 1.33 0.00	21.83 1.12 0.00	20.72 1.01 0.00	20.45 1.01 0.00	20.16 1.01 0.00	23.62 1.15 0.00	37.90 2.32 -0.38	52.78 2.74 -10.90	42.03 2.00 -10.65	32.39 1.81 -3.90	28.73 1.55 -5.09	26.64 1.61 -2.34	26.02 1.42 -4.56	21.48 1.39 -0.22	18.67 1.19 -0.21	24.62 1.45 -2.69	30.46 1.87 -3.70	45.27 1.86 -18.95	62.02 1.49 -40.94	53.88 1.60 -31.72	34.36 1.66 -10.32	32.32 1.26 -12.80	26.94 0.70 -15.66	23.00 0.37 -16.65
NEG CAPITAL___MECHNVIL 23645	24.85 1.16 0.00	21.72 1.01 0.00	20.70 0.99 0.00	20.37 0.93 0.00	20.18 1.03 0.00	23.76 1.28 0.00	37.98 2.39 -0.39	52.59 2.62 -10.83	42.82 1.85 -11.59	32.27 1.60 -3.99	29.01 1.26 -5.67	26.33 1.22 -2.42	26.37 1.08 -5.25	21.28 1.13 -0.28	18.50 0.97 -0.27	24.71 1.08 -3.15	30.04 1.44 -3.70	47.05 1.49 -21.10	67.21 1.26 -46.36	57.68 1.34 -35.79	35.46 1.41 -11.66	34.27 1.06 -14.95	30.33 0.62 -19.12	27.03 0.33 -20.71
NEG CENTRAL_HIGH_ACRES 23767	23.50 -0.19 0.00	20.52 -0.19 0.00	19.54 -0.18 0.00	19.24 -0.19 0.00	18.90 -0.25 0.00	22.25 -0.22 0.00	34.82 -0.46 -0.09	41.01 -0.55 -2.42	31.45 -0.38 -2.46	27.37 -0.19 -0.88	23.08 -0.20 -1.19	22.99 -0.23 -0.53	20.89 -0.22 -1.08	19.67 -0.26 -0.05	17.20 -0.12 -0.05	20.91 -0.20 -0.64	25.37 -0.35 -0.82	28.52 -0.34 -4.40	28.89 -0.27 -9.57	27.83 -0.17 -7.43	24.72 -0.09 -2.42	21.21 -0.09 -3.05	14.37 -0.01 -3.80	10.10 0.04 -4.07
NEG CENTRAL___DRP 24199	24.29 0.59 0.00	21.21 0.50 0.00	20.19 0.47 0.00	19.87 0.43 0.00	19.53 0.38 0.00	23.04 0.56 0.00	36.02 0.74 -0.09	42.46 0.74 -2.58	32.62 0.62 -2.62	28.28 0.67 -0.93	23.77 0.42 -1.27	23.75 0.50 -0.56	21.54 0.36 -1.15	20.31 0.38 -0.06	17.67 0.35 -0.06	21.51 0.35 -0.68	26.19 0.42 -0.88	29.62 0.46 -4.70	30.23 0.41 -10.22	29.01 0.53 -7.91	25.61 0.65 -2.58	22.01 0.51 -3.24	14.92 0.30 -4.05	10.52 0.20 -4.34
NEG CENTRAL___INDECK 23768	24.93 1.23 0.00	21.77 1.06 0.00	20.72 1.00 0.00	20.39 0.95 0.00	19.97 0.82 0.00	23.58 1.10 0.00	36.60 1.30 -0.11	43.71 1.61 -2.97	33.54 1.14 -3.02	28.90 1.15 -1.08	24.34 0.79 -1.46	24.24 0.91 -0.65	22.02 0.66 -1.33	20.61 0.68 -0.07	18.02 0.69 -0.06	22.04 0.78 -0.79	26.78 0.87 -1.01	30.76 0.88 -5.42	32.11 0.73 -11.79	30.63 1.01 -9.06	26.54 1.21 -2.95	22.90 0.93 -3.71	15.78 0.56 -4.63	11.33 0.38 -4.97
NEG CENTRAL___SENECA 23627	24.40 0.71 0.00	21.31 0.60 0.00	20.29 0.57 0.00	19.96 0.52 0.00	19.61 0.46 0.00	23.15 0.67 0.00	36.13 0.84 -0.10	42.58 0.74 -2.70	32.83 0.71 -2.75	28.41 0.75 -0.98	23.90 0.49 -1.33	23.87 0.59 -0.59	21.64 0.40 -1.21	20.37 0.44 -0.06	17.74 0.41 -0.06	21.58 0.39 -0.72	26.28 0.47 -0.92	29.89 0.51 -4.92	30.75 0.45 -10.71	29.44 0.60 -8.29	25.78 0.69 -2.70	22.22 0.57 -3.39	15.16 0.34 -4.24	10.76 0.23 -4.54
NEG CENTRAL___STATE_STREET 24147	24.33 0.64 0.00	21.23 0.52 0.00	20.21 0.49 0.00	19.89 0.45 0.00	19.57 0.42 0.00	23.06 0.58 0.00	36.13 0.84 -0.09	42.71 1.02 -2.56	32.74 0.76 -2.60	28.36 0.75 -0.93	24.01 0.66 -1.26	23.81 0.57 -0.56	21.72 0.54 -1.14	20.37 0.44 -0.06	17.70 0.38 -0.06	21.71 0.55 -0.68	26.44 0.67 -0.87	29.86 0.73 -4.67	30.39 0.65 -10.15	29.18 0.76 -7.86	25.84 0.90 -2.56	22.10 0.62 -3.22	14.94 0.34 -4.02	10.50 0.20 -4.31
NEG MILLWOOD___DRP 24198	25.09 1.40 0.00	21.87 1.16 0.00	20.76 1.04 0.00	20.49 1.05 0.00	20.16 1.01 0.00	23.71 1.24 0.00	37.98 2.39 -0.40	53.23 2.86 -11.23	42.42 2.14 -10.90	32.62 1.95 -4.00	28.93 1.63 -5.20	26.82 1.72 -2.40	26.21 1.52 -4.65	21.59 1.49 -0.22	18.74 1.26 -0.22	24.77 1.56 -2.74	30.65 1.97 -3.79	45.70 1.93 -19.31	62.82 1.55 -41.68	54.54 1.69 -32.29	34.62 1.72 -10.51	32.62 1.35 -13.01	27.19 0.73 -15.88	23.23 0.38 -16.87



NEG NORTH_FLCN_SEA 23793	24.52 0.83 0.00	21.50 0.79 0.00	20.44 0.73 0.00	20.12 0.68 0.00	19.80 0.65 0.00	23.24 0.76 0.00	35.47 0.28 0.00	39.10 -0.04 0.00	29.73 0.35 0.00	26.89 0.21 0.00	22.33 0.24 0.00	22.87 0.18 0.00	20.17 0.14 0.00	19.97 0.10 0.00	17.32 0.05 0.00	20.64 0.16 0.00	25.04 0.15 0.00	24.61 0.15 0.00	19.95 0.35 0.00	20.68 0.12 0.00	11.15 -0.22 11.01	8.86 -0.40 9.00	2.68 -0.30 7.60	2.84 -0.20 2.94
NEG NORTH_KES_CHATEGAY 23792	24.14 0.45 0.00	21.17 0.46 0.00	20.13 0.41 0.00	19.81 0.37 0.00	19.49 0.34 0.00	22.86 0.38 0.00	35.23 0.04 0.00	39.06 -0.08 0.00	29.52 0.15 0.00	26.68 0.00 0.00	22.13 0.04 0.00	22.69 0.00 0.00	20.01 -0.02 0.00	19.83 -0.04 0.00	17.20 -0.07 0.00	20.48 0.00 0.00	24.84 -0.05 0.00	24.41 -0.05 0.00	19.65 0.06 0.00	20.35 -0.21 0.00	11.02 -0.56 10.80	8.79 -0.64 8.83	2.69 -0.43 7.46	2.82 -0.28 2.89
NEG NORTH___ALICE_FALLS 23915	24.52 0.83 0.00	21.50 0.79 0.00	20.44 0.73 0.00	20.12 0.68 0.00	19.80 0.65 0.00	23.24 0.76 0.00	35.65 0.46 0.00	39.41 0.27 0.00	29.88 0.50 0.00	26.97 0.29 0.00	22.37 0.29 0.00	22.91 0.23 0.00	20.19 0.16 0.00	20.01 0.14 0.00	17.36 0.09 0.00	20.68 0.20 0.00	25.09 0.20 0.00	24.68 0.22 0.00	19.97 0.37 0.00	20.68 0.12 0.00	11.16 -0.25 10.98	8.88 -0.40 8.97	2.69 -0.31 7.58	2.85 -0.20 2.93
NEG NORTH___LWR_SARANAC 23913	24.52 0.83 0.00	21.50 0.79 0.00	20.44 0.73 0.00	20.12 0.68 0.00	19.80 0.65 0.00	23.24 0.76 0.00	35.65 0.46 0.00	39.41 0.27 0.00	29.88 0.50 0.00	26.97 0.29 0.00	22.37 0.29 0.00	22.91 0.23 0.00	20.19 0.16 0.00	20.01 0.14 0.00	17.36 0.09 0.00	20.68 0.20 0.00	25.09 0.20 0.00	24.68 0.22 0.00	19.97 0.37 0.00	20.68 0.12 0.00	11.16 -0.25 10.98	8.88 -0.40 8.97	2.69 -0.31 7.58	2.85 -0.20 2.93
NEG NORTH___PLATTSBURG 23628	24.52 0.83 0.00	21.50 0.79 0.00	20.45 0.73 0.00	20.12 0.68 0.00	19.80 0.65 0.00	23.24 0.76 0.00	35.75 0.56 0.00	39.42 0.28 0.00	29.88 0.50 0.00	26.81 0.13 0.00	22.37 0.29 0.00	22.91 0.23 0.00	20.19 0.16 0.00	20.01 0.14 0.00	17.36 0.09 0.00	20.62 0.14 0.00	25.09 0.20 0.00	24.68 0.22 0.00	19.97 0.37 0.00	20.68 0.12 0.00	11.07 -0.34 10.98	8.88 -0.40 8.97	2.69 -0.31 7.58	2.85 -0.20 2.93
NEG WEST_LEA_LOCKPORT 23791	23.74 0.05 0.00	20.85 0.14 0.00	19.95 0.24 0.00	19.59 0.16 0.00	19.11 -0.04 0.00	22.39 -0.09 0.00	34.48 -0.81 -0.10	40.26 -1.60 -2.73	31.12 -1.03 -2.78	27.06 -0.61 -0.99	22.99 -0.44 -1.34	23.03 -0.25 -0.60	21.01 -0.24 -1.22	19.64 -0.30 -0.06	17.26 -0.07 -0.06	20.85 -0.35 -0.72	25.23 -0.60 -0.93	28.63 -0.81 -4.98	29.71 -0.73 -10.84	28.49 -0.45 -8.38	24.74 -0.38 -2.73	21.42 -0.27 -3.44	14.86 -0.01 -4.29	10.72 0.14 -4.60
NEG WEST___LANCASTR 23811	24.19 0.50 0.00	21.23 0.52 0.00	20.27 0.55 0.00	19.91 0.47 0.00	19.46 0.31 0.00	22.84 0.36 0.00	33.86 -1.44 -0.11	39.94 -2.19 -2.99	30.90 -1.53 -3.05	26.67 -1.09 -1.09	22.70 -0.86 -1.47	22.64 -0.70 -0.66	20.77 -0.60 -1.34	19.68 -0.26 -0.07	16.90 -0.43 -0.06	20.55 -0.72 -0.79	24.89 -1.02 -1.02	28.72 -1.20 -5.46	30.46 -1.02 -11.89	29.02 -0.74 -9.20	24.60 -0.78 -3.00	21.39 -0.64 -3.77	15.04 -0.24 -4.70	11.00 -0.03 -5.04
NEG_PENN_ALLEGHNY 23528	24.40 0.71 0.00	21.33 0.62 0.00	20.31 0.59 0.00	20.00 0.56 0.00	19.67 0.52 0.00	23.13 0.65 0.00	36.12 0.77 -0.16	44.45 0.86 -4.45	34.56 0.65 -4.53	28.99 0.69 -1.62	24.76 0.49 -2.19	24.30 0.63 -0.98	22.46 0.44 -1.99	20.47 0.50 -0.10	17.78 0.41 -0.10	22.13 0.47 -1.18	26.96 0.55 -1.52	33.13 0.54 -8.13	37.73 0.45 -17.69	34.80 0.60 -13.64	27.54 0.72 -4.44	24.39 0.55 -5.59	17.89 0.33 -6.97	13.68 0.22 -7.48
NEG___GEN_MONROE 24207	23.98 0.28 0.00	21.00 0.29 0.00	20.01 0.30 0.00	19.71 0.27 0.00	19.34 0.19 0.00	22.77 0.29 0.00	35.49 0.21 -0.09	41.52 -0.08 -2.46	31.94 0.06 -2.50	27.84 0.27 -0.89	23.56 0.27 -1.21	23.59 0.36 -0.54	21.39 0.26 -1.10	20.09 0.16 -0.05	17.60 0.28 -0.05	21.31 0.18 -0.65	25.88 0.15 -0.84	29.05 0.10 -4.49	29.41 0.04 -9.77	28.37 0.25 -7.56	25.21 0.36 -2.46	21.65 0.29 -3.10	14.70 0.25 -3.87	10.35 0.22 -4.15
NEPA___ENERGY 23901	24.40 0.71 0.00	21.41 0.70 0.00	20.44 0.73 0.00	20.06 0.62 0.00	19.61 0.46 0.00	23.04 0.56 0.00	35.05 -0.25 -0.11	41.27 -0.90 -3.03	31.90 -0.56 -3.08	27.56 -0.21 -1.10	23.49 -0.09 -1.49	23.44 0.09 -0.66	21.51 0.12 -1.35	20.14 0.20 -0.07	17.52 0.19 -0.07	21.30 0.02 -0.80	25.78 -0.15 -1.03	29.64 -0.34 -5.52	31.26 -0.35 -12.02	29.84 -0.02 -9.30	25.41 0.00 -3.03	22.03 -0.04 -3.81	15.46 0.12 -4.76	11.26 0.17 -5.10
NEVERSINK___HYD 23608	25.14 1.45 0.00	21.93 1.22 0.00	20.84 1.12 0.00	20.55 1.11 0.00	20.26 1.11 0.00	23.71 1.24 0.00	37.88 2.36 -0.33	51.33 2.86 -9.33	40.57 2.00 -9.20	31.81 1.79 -3.34	27.91 1.41 -4.41	26.24 1.54 -2.01	25.30 1.30 -3.96	21.42 1.35 -0.19	18.59 1.14 -0.19	24.23 1.41 -2.34	29.82 1.77 -3.16	42.59 1.78 -16.34	56.36 1.41 -35.36	49.45 1.52 -27.36	32.99 1.70 -8.91	30.63 1.30 -11.08	24.91 0.71 -13.62	20.87 0.37 -14.51
NEWKRMKL_115KV_TB1 55635	24.24 0.54 0.00	21.23 0.52 0.00	20.17 0.45 0.00	19.89 0.45 0.00	19.63 0.48 0.00	23.08 0.61 0.00	36.78 1.20 -0.39	50.91 1.10 -10.67	41.60 0.79 -11.43	31.37 0.75 -3.94	28.18 0.51 -5.59	25.55 0.48 -2.39	25.65 0.44 -5.17	20.70 0.56 -0.27	18.03 0.50 -0.26	24.03 0.45 -3.10	29.24 0.65 -3.70	46.06 0.68 -20.92	66.05 0.57 -45.89	56.62 0.60 -35.46	34.59 0.65 -11.55	33.47 0.44 -14.78	29.68 0.26 -18.83	26.50 0.14 -20.37
NEWTON___FALLS_HYD 23847	23.55 -0.14 0.00	20.59 -0.12 0.00	19.58 -0.14 0.00	19.30 -0.14 0.00	19.03 -0.11 0.00	22.30 -0.18 0.00	34.51 -0.70 -0.02	38.98 -0.74 -0.58	29.41 -0.56 -0.60	26.17 -0.72 -0.21	21.65 -0.73 -0.29	22.00 -0.82 -0.13	19.53 -0.76 -0.26	19.17 -0.72 -0.01	16.63 -0.66 -0.01	19.90 -0.74 -0.16	24.30 -0.80 -0.20	24.92 -0.61 -1.07	21.46 -0.47 -2.33	21.77 -0.60 -1.81	16.54 -0.78 5.07	13.85 -0.53 3.88	7.22 -0.38 2.98	5.26 -0.20 0.52
NGRID_A1_DSASP 323792	23.15 -0.54 0.00	20.34 -0.37 0.00	19.44 -0.28 0.00	19.09 -0.35 0.00	18.63 -0.52 0.00	21.89 -0.58 0.00	33.46 -1.83 -0.10	39.28 -2.66 -2.81	30.47 -1.76 -2.86	26.58 -1.12 -1.02	22.56 -0.91 -1.38	22.53 -0.77 -0.61	20.63 -0.66 -1.25	19.22 -0.71 -0.06	16.93 -0.40 -0.06	20.55 -0.68 -0.74	24.73 -1.12 -0.96	28.24 -1.35 -5.12	29.51 -1.23 -11.15	28.01 -0.90 -8.35	24.31 -0.80 -2.73	21.07 -0.62 -3.43	14.69 -0.17 -4.28	10.59 0.01 -4.59
NGRID_A2_DSASP 323793	23.15 -0.54 0.00	20.34 -0.37 0.00	19.44 -0.28 0.00	19.09 -0.35 0.00	18.63 -0.52 0.00	21.89 -0.58 0.00	33.46 -1.83 -0.10	39.28 -2.66 -2.81	30.47 -1.76 -2.86	26.58 -1.12 -1.02	22.56 -0.91 -1.38	22.53 -0.77 -0.61	20.63 -0.66 -1.25	19.22 -0.71 -0.06	16.93 -0.40 -0.06	20.55 -0.68 -0.74	24.73 -1.12 -0.96	28.24 -1.35 -5.12	29.51 -1.23 -11.15	28.01 -0.90 -8.35	24.31 -0.80 -2.73	21.07 -0.62 -3.43	14.69 -0.17 -4.28	10.59 0.01 -4.59

NGRID_A4_DSASP 323807	23.15 -0.54 0.00	20.34 -0.37 0.00	19.44 -0.28 0.00	19.09 -0.35 0.00	18.63 -0.52 0.00	21.89 -0.58 0.00	33.46 -1.83 -0.10	39.28 -2.66 -2.81	30.47 -1.76 -2.86	26.58 -1.12 -1.02	22.56 -0.91 -1.38	22.53 -0.77 -0.61	20.63 -0.66 -1.25	19.22 -0.71 -0.06	16.93 -0.40 -0.06	20.55 -0.68 -0.74	24.73 -1.12 -0.96	28.24 -1.35 -5.12	29.51 -1.23 -11.15	28.01 -0.90 -8.35	24.31 -0.80 -2.73	21.07 -0.62 -3.43	14.69 -0.17 -4.28	10.59 0.01 -4.59
NIAGARA_115E_LBMP 323715	23.31 -0.38 0.00	20.50 -0.21 0.00	19.62 -0.10 0.00	19.28 -0.16 0.00	18.80 -0.34 0.00	21.92 -0.56 0.00	33.53 -1.76 -0.10	39.43 -2.51 -2.79	30.55 -1.67 -2.84	26.65 -1.04 -1.01	22.60 -0.86 -1.37	22.62 -0.68 -0.61	20.64 -0.64 -1.25	19.28 -0.66 -0.06	16.97 -0.36 -0.06	20.58 -0.63 -0.74	24.78 -1.07 -0.95	28.29 -1.27 -5.10	29.55 -1.14 -11.09	28.06 -0.86 -8.36	24.35 -0.76 -2.72	21.10 -0.58 -3.43	14.67 -0.19 -4.28	10.62 0.05 -4.59
NIAGARA_115W_LBMP 323714	23.08 -0.62 0.00	20.27 -0.44 0.00	19.38 -0.34 0.00	19.03 -0.41 0.00	18.58 -0.57 0.00	21.85 -0.63 0.00	33.39 -1.90 -0.10	39.20 -2.74 -2.81	30.38 -1.85 -2.86	26.53 -1.17 -1.02	22.52 -0.95 -1.38	22.49 -0.82 -0.61	20.57 -0.72 -1.25	19.16 -0.78 -0.06	16.90 -0.43 -0.06	20.50 -0.72 -0.74	24.65 -1.19 -0.96	28.19 -1.39 -5.12	29.45 -1.29 -11.15	27.96 -0.95 -8.34	24.26 -0.85 -2.73	21.03 -0.66 -3.43	14.67 -0.19 -4.28	10.57 0.00 -4.59
NIAGARA_230_LBMP 323716	23.43 -0.26 0.00	20.59 -0.12 0.00	19.66 -0.06 0.00	19.32 -0.12 0.00	18.86 -0.29 0.00	22.12 -0.36 0.00	33.88 -1.41 -0.10	39.78 -2.15 -2.80	30.81 -1.41 -2.85	26.90 -0.80 -1.01	22.80 -0.66 -1.37	22.80 -0.50 -0.61	20.84 -0.44 -1.25	19.46 -0.48 -0.06	17.12 -0.21 -0.06	20.77 -0.45 -0.74	25.00 -0.85 -0.95	28.52 -1.05 -5.11	29.75 -0.96 -11.11	28.25 -0.64 -8.32	24.56 -0.54 -2.71	21.26 -0.40 -3.41	14.79 -0.05 -4.26	10.63 0.08 -4.56
NIAGARA__115KV_198_GIBSON 55903	23.08 -0.62 0.00	20.27 -0.43 0.00	19.38 -0.34 0.00	19.03 -0.41 0.00	18.57 -0.57 0.00	21.78 -0.70 0.00	33.64 -1.65 -0.10	39.21 -2.74 -2.81	30.38 -1.85 -2.86	26.39 -1.31 -1.02	22.52 -0.95 -1.38	22.51 -0.79 -0.61	20.65 -0.64 -1.25	19.18 -0.76 -0.06	16.90 -0.43 -0.06	20.44 -0.78 -0.74	24.68 -1.17 -0.96	28.19 -1.39 -5.12	29.47 -1.27 -11.15	28.21 -0.95 -8.60	24.32 -0.87 -2.81	21.13 -0.66 -3.53	14.80 -0.19 -4.41	10.71 0.00 -4.73
NIAGARA____ 23760	23.43 -0.26 0.00	20.59 -0.12 0.00	19.66 -0.06 0.00	19.32 -0.12 0.00	18.86 -0.29 0.00	22.12 -0.36 0.00	33.88 -1.41 -0.10	39.79 -2.15 -2.80	30.82 -1.41 -2.85	26.90 -0.80 -1.02	22.80 -0.66 -1.38	22.80 -0.50 -0.61	20.84 -0.44 -1.25	19.46 -0.48 -0.06	17.12 -0.21 -0.06	20.77 -0.45 -0.74	25.00 -0.85 -0.95	28.52 -1.05 -5.11	29.75 -0.96 -11.12	28.27 -0.64 -8.34	24.57 -0.54 -2.72	21.28 -0.40 -3.42	14.80 -0.05 -4.27	10.65 0.08 -4.59
NINE_MILE_1 23575	23.27 -0.43 0.00	20.32 -0.39 0.00	19.34 -0.38 0.00	19.07 -0.37 0.00	18.77 -0.38 0.00	22.05 -0.43 0.00	34.40 -0.84 -0.05	39.73 -0.94 -1.53	30.23 -0.71 -1.56	26.65 -0.59 -0.56	22.33 -0.51 -0.75	22.50 -0.52 -0.34	20.26 -0.46 -0.68	19.45 -0.46 -0.03	16.92 -0.38 -0.03	20.43 -0.45 -0.41	24.82 -0.60 -0.52	26.67 -0.59 -2.80	25.23 -0.45 -6.08	24.82 -0.45 -4.71	23.49 -0.43 -1.53	19.89 -0.29 -1.93	12.83 -0.16 -2.41	8.49 -0.08 -2.58
NINE_MILE_2 23744	23.27 -0.43 0.00	20.32 -0.39 0.00	19.34 -0.38 0.00	19.07 -0.37 0.00	18.77 -0.38 0.00	22.05 -0.43 0.00	34.40 -0.84 -0.05	39.73 -0.94 -1.52	30.22 -0.71 -1.55	26.65 -0.59 -0.55	22.33 -0.51 -0.75	22.50 -0.52 -0.33	20.25 -0.46 -0.68	19.45 -0.46 -0.03	16.92 -0.38 -0.03	20.43 -0.45 -0.40	24.82 -0.60 -0.52	26.66 -0.59 -2.78	25.20 -0.45 -6.06	24.80 -0.45 -4.69	23.49 -0.43 -1.53	19.91 -0.27 -1.92	12.82 -0.16 -2.40	8.48 -0.08 -2.57
NM_CAPITAL____DRP 24208	24.31 0.62 0.00	21.27 0.56 0.00	20.21 0.49 0.00	19.94 0.51 0.00	19.69 0.54 0.00	23.15 0.67 0.00	36.84 1.27 -0.38	50.85 1.21 -10.50	41.64 0.91 -11.36	31.44 0.85 -3.91	28.26 0.62 -5.56	25.64 0.59 -2.37	25.72 0.54 -5.15	20.78 0.64 -0.27	18.10 0.57 -0.26	24.12 0.55 -3.09	29.31 0.77 -3.65	46.02 0.81 -20.75	65.84 0.67 -45.58	56.47 0.70 -35.21	34.62 0.76 -11.47	33.49 0.53 -14.70	29.69 0.32 -18.79	26.50 0.17 -20.35
NM_CENTRAL____DRP 24181	23.84 0.14 0.00	20.81 0.10 0.00	19.81 0.10 0.00	19.52 0.08 0.00	19.23 0.08 0.00	22.59 0.11 0.00	35.30 0.04 -0.07	41.27 0.04 -2.09	31.53 0.03 -2.13	27.57 0.13 -0.76	23.18 0.07 -1.03	23.26 0.11 -0.46	21.03 0.06 -0.93	19.98 0.06 -0.05	17.38 0.07 -0.05	21.09 0.06 -0.55	25.66 0.05 -0.71	28.35 0.07 -3.82	27.98 0.08 -8.30	27.13 0.14 -6.43	24.70 0.22 -2.09	21.11 0.22 -2.63	14.00 0.13 -3.29	9.59 0.08 -3.52
NM_FRONTIER____DRP 24179	23.08 -0.62 0.00	20.27 -0.43 0.00	19.38 -0.34 0.00	19.03 -0.41 0.00	18.57 -0.57 0.00	21.78 -0.70 0.00	33.64 -1.65 -0.10	39.21 -2.74 -2.81	30.38 -1.85 -2.86	26.39 -1.31 -1.02	22.52 -0.95 -1.38	22.51 -0.79 -0.61	20.65 -0.64 -1.25	19.18 -0.76 -0.06	16.90 -0.43 -0.06	20.44 -0.78 -0.74	24.68 -1.17 -0.96	28.19 -1.39 -5.12	29.47 -1.27 -11.15	28.21 -0.95 -8.60	24.32 -0.87 -2.81	21.13 -0.66 -3.53	14.80 -0.19 -4.41	10.71 0.00 -4.73
NM_ST_REGIS____HYD 24053	23.60 -0.09 0.00	20.67 -0.04 0.00	19.68 -0.04 0.00	19.40 -0.04 0.00	19.09 -0.06 0.00	22.30 -0.18 0.00	34.39 -0.81 -0.01	38.43 -1.02 -0.30	28.95 -0.73 -0.31	25.88 -0.91 -0.11	21.40 -0.84 -0.15	21.87 -0.88 -0.07	19.29 -0.88 -0.14	19.06 -0.81 -0.01	16.52 -0.76 -0.01	19.70 -0.86 -0.08	24.00 -1.00 -0.10	24.14 -0.88 -0.56	20.17 -0.65 -1.22	20.64 -0.86 -0.94	12.65 -1.14 8.59	10.48 -0.89 6.88	4.42 -0.50 5.66	3.86 -0.26 1.86
NORTHPORT____1 23551	25.48 1.78 -0.01	22.17 1.45 -0.01	20.96 1.24 0.00	20.99 1.36 -0.19	23.03 1.36 -2.52	24.17 1.69 -0.01	38.63 3.03 -0.41	52.89 2.31 -11.45	42.26 1.88 -11.00	33.04 2.29 -4.06	30.35 2.19 -6.08	30.22 2.13 -5.40	30.05 2.14 -7.87	31.66 1.65 -10.14	36.03 1.26 -17.50	27.75 1.95 -5.32	31.24 2.44 -3.91	46.04 2.15 -19.43	63.26 1.72 -41.94	54.83 1.85 -32.42	34.86 1.86 -10.61	32.68 1.39 -13.04	30.70 0.88 -19.24	27.70 0.52 -21.19
NORTHPORT____2 23552	25.48 1.78 -0.01	22.17 1.45 -0.01	20.96 1.24 0.00	20.99 1.36 -0.19	23.03 1.36 -2.52	24.17 1.69 -0.01	38.63 3.03 -0.41	52.89 2.31 -11.45	42.26 1.88 -11.00	33.04 2.29 -4.06	30.35 2.19 -6.08	30.22 2.13 -5.40	30.05 2.14 -7.87	31.66 1.65 -10.14	36.03 1.26 -17.50	27.75 1.95 -5.32	31.24 2.44 -3.91	46.04 2.15 -19.43	63.26 1.72 -41.94	54.83 1.85 -32.42	34.86 1.86 -10.61	32.68 1.39 -13.04	30.70 0.88 -19.24	27.70 0.52 -21.19
NORTHPORT____3 23553	25.53 1.82 -0.01	22.23 1.51 -0.01	21.02 1.30 0.00	21.07 1.44 -0.19	23.10 1.44 -2.52	24.22 1.73 -0.01	38.95 3.35 -0.41	53.60 3.01 -11.45	42.72 2.35 -11.00	33.22 2.48 -4.06	30.48 2.32 -6.08	30.42 2.34 -5.40	30.19 2.28 -7.87	32.20 1.31 -11.02	38.52 1.04 -20.21	27.89 2.09 -5.32	31.68 2.81 -3.97	46.40 2.52 -19.42	63.75 2.10 -42.06	55.29 2.26 -32.47	35.39 2.28 -10.72	33.13 1.77 -13.10	30.93 1.06 -19.29	27.71 0.54 -21.19

NORTHPORT___4 23650	25.53 1.82 -0.01	22.23 1.51 -0.01	21.02 1.30 0.00	21.07 1.44 -0.19	23.10 1.44 -2.52	24.22 1.73 -0.01	38.95 3.35 -0.41	53.60 3.01 -11.45	42.72 2.35 -11.00	33.22 2.48 -4.06	30.48 2.32 -6.08	30.42 2.34 -5.40	30.19 2.28 -7.87	32.20 1.31 -11.02	38.52 1.04 -20.21	27.89 2.09 -5.32	31.68 2.81 -3.97	46.40 2.52 -19.42	63.75 2.10 -42.06	55.29 2.26 -32.47	35.39 2.28 -10.72	33.13 1.77 -13.10	30.93 1.06 -19.29	27.71 0.54 -21.19
NORTHPORT___IC 23718	25.48 1.78 -0.01	22.17 1.45 -0.01	20.96 1.24 0.00	20.99 1.36 -0.19	23.03 1.36 -2.52	24.17 1.69 -0.01	38.63 3.03 -0.41	52.89 2.31 -11.45	42.26 1.88 -11.00	33.04 2.29 -4.06	30.35 2.19 -6.08	30.22 2.13 -5.40	30.05 2.14 -7.87	31.66 1.65 -10.14	36.03 1.26 -17.50	27.75 1.95 -5.32	31.24 2.44 -3.91	46.04 2.15 -19.43	63.26 1.72 -41.94	54.83 1.85 -32.42	34.86 1.86 -10.61	32.68 1.39 -13.04	30.70 0.88 -19.24	27.70 0.52 -21.19
NORTH___COUNTRY_ESR 323785	24.07 0.38 0.00	21.08 0.37 0.00	20.05 0.33 0.00	19.75 0.31 0.00	19.44 0.29 0.00	22.79 0.31 0.00	35.19 0.00 0.00	38.91 -0.23 0.00	29.41 0.03 0.00	26.49 -0.19 0.00	22.09 0.00 0.00	22.62 -0.07 0.00	19.97 -0.06 0.00	19.77 -0.10 0.00	17.15 -0.12 0.00	20.38 -0.10 0.00	24.77 -0.12 0.00	24.34 -0.12 0.00	19.58 -0.02 0.00	20.29 -0.27 0.00	10.87 -0.72 10.80	8.74 -0.69 8.82	2.66 -0.47 7.46	2.81 -0.29 2.89
NPX_GEN_1385_PROXY 323591	25.31 1.61 -0.01	22.08 1.37 -0.01	20.78 1.06 0.00	20.81 1.19 -0.19	22.95 1.28 -2.52	24.13 1.64 -0.01	38.00 2.39 -0.41	51.80 1.21 -11.45	41.58 1.20 -11.00	30.90 1.49 -2.73	27.00 1.30 -3.61	25.50 1.45 -1.36	24.56 1.30 -3.23	25.10 1.05 -4.18	24.90 0.74 -6.89	25.60 1.35 -3.77	29.70 1.42 -3.39	41.78 1.20 -16.12	51.50 0.98 -30.93	41.03 1.05 -19.42	30.60 1.19 -7.03	30.80 0.84 -11.70	28.70 0.56 -17.56	27.61 0.43 -21.19
NPX_GEN_CSC 323557	25.88 2.18 -0.01	22.44 1.72 -0.01	21.27 1.56 0.00	21.26 1.63 -0.19	23.26 1.59 -2.52	24.51 2.02 -0.01	39.47 3.87 -0.41	53.68 3.09 -11.45	42.81 2.44 -11.00	33.56 2.77 -4.10	30.95 2.74 -6.12	30.63 2.54 -5.40	30.51 2.60 -7.87	32.24 1.85 -10.52	37.41 1.45 -18.69	28.18 2.33 -5.36	36.56 3.21 -8.46	46.84 2.91 -19.47	71.51 2.33 -49.58	59.18 2.53 -36.09	42.40 2.46 -17.55	37.52 1.88 -17.39	34.41 1.13 -22.69	27.80 0.63 -21.19
NSINS_S_GLNS_FALLS 23858	24.93 1.23 0.00	21.77 1.06 0.00	20.86 1.14 0.00	20.49 1.05 0.00	20.41 1.26 0.00	24.07 1.60 0.00	38.55 2.96 -0.40	53.43 3.29 -11.00	43.37 2.23 -11.76	32.64 1.89 -4.07	29.31 1.48 -5.74	26.51 1.36 -2.46	26.56 1.22 -5.30	21.44 1.29 -0.28	18.62 1.09 -0.27	24.93 1.27 -3.18	30.24 1.57 -3.77	47.36 1.57 -21.34	67.75 1.33 -46.82	58.20 1.46 -36.18	35.74 1.57 -11.79	34.45 1.11 -15.08	30.48 0.67 -19.23	27.13 0.35 -20.80
NUCOR_STEEL___DRP 24197	24.33 0.64 0.00	21.25 0.54 0.00	20.23 0.51 0.00	19.92 0.49 0.00	19.61 0.46 0.00	23.06 0.58 0.00	36.13 0.84 -0.09	42.67 1.02 -2.51	32.66 0.73 -2.55	28.31 0.72 -0.91	23.83 0.51 -1.23	23.78 0.54 -0.55	21.57 0.42 -1.12	20.35 0.42 -0.06	17.69 0.36 -0.05	21.57 0.43 -0.67	26.27 0.52 -0.85	29.60 0.56 -4.58	30.06 0.51 -9.96	28.86 0.60 -7.71	25.63 0.74 -2.51	22.03 0.62 -3.16	14.87 0.35 -3.94	10.43 0.22 -4.23
NUMBER_THREE_WT_PWR 323818	23.93 0.24 0.00	20.90 0.19 0.00	19.85 0.14 0.00	19.58 0.14 0.00	19.32 0.17 0.00	22.73 0.25 0.00	35.15 -0.07 -0.03	40.06 0.16 -0.76	30.42 0.26 -0.78	26.96 0.00 -0.28	22.28 -0.18 -0.37	22.63 -0.23 -0.17	20.15 -0.22 -0.34	19.71 -0.18 -0.02	17.10 -0.19 -0.02	20.51 -0.16 -0.20	25.05 -0.10 -0.26	25.95 0.10 -1.39	22.73 0.10 -3.03	22.95 0.04 -2.35	21.03 0.02 1.38	17.52 0.05 0.79	10.11 -0.19 0.28	6.59 -0.11 -0.71
NYISO_LBMP_REFERENCE 24008	23.69 0.00 0.00	20.71 0.00 0.00	19.72 0.00 0.00	19.44 0.00 0.00	19.15 0.00 0.00	22.48 0.00 0.00	35.19 0.00 0.00	39.14 0.00 0.00	29.38 0.00 0.00	26.68 0.00 0.00	22.09 0.00 0.00	22.69 0.00 0.00	20.03 0.00 0.00	19.87 0.00 0.00	17.27 0.00 0.00	20.48 0.00 0.00	24.89 0.00 0.00	24.46 0.00 0.00	19.59 0.00 0.00	20.56 0.00 0.00	22.39 0.00 0.00	18.26 0.00 0.00	10.58 0.00 0.00	5.99 0.00 0.00
NYPA_BRENTWD___GT 24164	25.79 2.09 -0.01	22.39 1.68 -0.01	21.19 1.48 0.00	21.22 1.59 -0.19	23.24 1.57 -2.52	24.49 2.00 -0.01	39.26 3.66 -0.41	53.72 3.13 -11.45	42.81 2.44 -11.00	33.44 2.69 -4.07	30.56 2.39 -6.08	30.56 2.47 -5.40	30.35 2.44 -7.87	31.94 1.85 -10.22	36.49 1.47 -17.76	27.85 2.05 -5.33	31.96 2.66 -4.40	46.36 2.47 -19.43	64.23 1.86 -42.78	55.40 2.02 -32.82	35.77 2.02 -11.37	33.36 1.59 -13.52	31.15 0.95 -19.62	27.78 0.60 -21.19
NYPA_GOWANUS___GT5 24156	25.19 1.49 0.00	21.93 1.22 0.00	20.76 1.04 0.00	20.47 1.03 0.00	20.16 1.01 0.00	23.68 1.21 0.01	38.05 2.46 -0.39	53.40 2.82 -11.44	42.64 2.26 -11.00	32.87 2.14 -4.05	29.25 1.92 -5.24	27.18 2.04 -2.45	27.28 1.82 -5.43	26.73 1.73 -5.13	27.15 1.47 -8.42	27.54 1.82 -5.24	31.05 2.29 -3.86	46.02 2.13 -19.43	63.09 1.63 -41.87	54.69 1.75 -32.38	34.71 1.79 -10.53	32.66 1.41 -13.00	27.25 0.88 -15.79	23.15 0.43 -16.74
NYPA_GOWANUS___GT6 24157	25.19 1.49 0.00	21.93 1.22 0.00	20.76 1.04 0.00	20.47 1.03 0.00	20.16 1.01 0.00	23.68 1.21 0.01	38.05 2.46 -0.39	53.40 2.82 -11.44	42.64 2.26 -11.00	32.87 2.14 -4.05	29.25 1.92 -5.24	27.18 2.04 -2.45	27.28 1.82 -5.43	26.73 1.73 -5.13	27.15 1.47 -8.42	27.54 1.82 -5.24	31.05 2.29 -3.86	46.02 2.13 -19.43	63.09 1.63 -41.87	54.69 1.75 -32.38	34.71 1.79 -10.53	32.66 1.41 -13.00	27.25 0.88 -15.79	23.15 0.43 -16.74
NYPA_HARLEM__RVR_GT1 24160	25.14 1.45 0.00	21.87 1.16 0.00	20.70 0.99 0.00	20.41 0.97 0.00	20.11 0.96 0.00	23.55 1.08 0.01	37.87 2.29 -0.39	53.09 2.51 -11.44	42.45 2.09 -10.99	32.67 1.95 -4.05	29.15 1.83 -5.23	27.08 1.95 -2.45	26.55 1.76 -4.75	22.24 1.67 -0.69	34.10 1.42 -15.42	29.59 1.76 -7.35	30.94 2.19 -3.86	45.89 2.01 -19.42	63.00 1.55 -41.86	54.58 1.65 -32.38	34.55 1.63 -10.53	32.53 1.28 -12.99	27.19 0.81 -15.79	23.12 0.40 -16.74
NYPA_HARLEM__RVR_GT2 24161	25.14 1.45 0.00	21.87 1.16 0.00	20.70 0.99 0.00	20.41 0.97 0.00	20.11 0.96 0.00	23.55 1.08 0.01	37.87 2.29 -0.39	53.09 2.51 -11.44	42.45 2.09 -10.99	32.67 1.95 -4.05	29.15 1.83 -5.23	27.08 1.95 -2.45	26.55 1.76 -4.75	22.24 1.67 -0.69	34.10 1.42 -15.42	29.59 1.76 -7.35	30.94 2.19 -3.86	45.89 2.01 -19.42	63.00 1.55 -41.86	54.58 1.65 -32.38	34.55 1.63 -10.53	32.53 1.28 -12.99	27.19 0.81 -15.79	23.12 0.40 -16.74
NYPA_KENT___GT 24152	25.14 1.45 0.00	21.89 1.18 0.00	20.74 1.02 0.00	20.45 1.01 0.00	20.14 1.00 0.00	23.66 1.19 0.01	38.01 2.43 -0.39	53.36 2.78 -11.44	42.61 2.23 -11.00	32.84 2.11 -4.05	29.23 1.90 -5.24	27.16 2.02 -2.45	27.26 1.80 -5.43	26.71 1.71 -5.13	27.14 1.45 -8.42	27.52 1.80 -5.24	31.02 2.27 -3.86	45.99 2.10 -19.43	63.07 1.61 -41.87	54.67 1.73 -32.38	34.66 1.75 -10.53	32.64 1.39 -13.00	27.23 0.86 -15.79	23.14 0.42 -16.74

NYPA_POUCH1____GT 24155	25.21 1.52 0.00	21.95 1.24 0.00	20.78 1.06 0.00	20.49 1.05 0.00	20.18 1.03 0.00	23.68 1.21 0.01	38.01 2.50 -0.32	53.04 2.86 -11.05	42.52 2.29 -10.85	32.90 2.16 -4.05	29.27 1.94 -5.24	27.20 2.06 -2.45	27.30 1.84 -5.43	26.75 1.75 -5.13	27.17 1.49 -8.42	27.56 1.84 -5.24	31.07 2.32 -3.86	45.79 2.13 -19.20	62.47 1.63 -41.25	54.25 1.73 -31.96	34.68 1.77 -10.53	32.68 1.42 -13.00	27.26 0.89 -15.79	23.15 0.43 -16.74
NYPA_VERNON____GT2 24162	25.09 1.40 0.00	21.87 1.16 0.00	20.72 1.00 0.00	20.43 0.99 0.00	20.14 1.00 0.00	23.66 1.19 0.01	38.01 2.43 -0.39	53.32 2.74 -11.44	42.58 2.20 -11.00	32.82 2.08 -4.05	29.23 1.90 -5.24	27.14 2.00 -2.45	27.26 1.80 -5.43	26.69 1.69 -5.13	27.12 1.43 -8.42	27.50 1.78 -5.24	31.00 2.24 -3.86	45.99 2.10 -19.43	63.07 1.61 -41.87	54.65 1.71 -32.38	34.66 1.75 -10.53	32.63 1.37 -13.00	27.21 0.84 -15.79	23.13 0.41 -16.74
NYPA_VERNON____GT3 24163	25.09 1.40 0.00	21.87 1.16 0.00	20.72 1.00 0.00	20.43 0.99 0.00	20.14 1.00 0.00	23.66 1.19 0.01	38.01 2.43 -0.39	53.32 2.74 -11.44	42.58 2.20 -11.00	32.82 2.08 -4.05	29.23 1.90 -5.24	27.14 2.00 -2.45	27.26 1.80 -5.43	26.69 1.69 -5.13	27.12 1.43 -8.42	27.50 1.78 -5.24	31.00 2.24 -3.86	45.99 2.10 -19.43	63.07 1.61 -41.87	54.65 1.71 -32.38	34.66 1.75 -10.53	32.63 1.37 -13.00	27.21 0.84 -15.79	23.13 0.41 -16.74
NYPA____ASTORIA_CC1 323568	25.09 1.40 0.00	21.85 1.14 0.00	20.70 0.99 0.00	20.41 0.97 0.00	20.13 0.98 0.00	23.64 1.17 0.01	37.95 2.36 -0.39	53.24 2.66 -11.44	42.55 2.17 -11.00	32.79 2.05 -4.05	29.19 1.86 -5.24	27.11 1.97 -2.45	27.24 1.78 -5.43	26.67 1.67 -5.13	27.10 1.42 -8.42	27.48 1.76 -5.24	30.95 2.19 -3.86	45.97 2.08 -19.43	63.05 1.59 -41.87	54.63 1.69 -32.38	34.64 1.72 -10.53	32.61 1.35 -13.00	27.21 0.84 -15.79	23.13 0.41 -16.74
NYPA____ASTORIA_CC2 323569	25.09 1.40 0.00	21.85 1.14 0.00	20.70 0.99 0.00	20.41 0.97 0.00	20.13 0.98 0.00	23.64 1.17 0.01	37.95 2.36 -0.39	53.24 2.66 -11.44	42.55 2.17 -11.00	32.79 2.05 -4.05	29.19 1.86 -5.24	27.11 1.97 -2.45	27.24 1.78 -5.43	26.67 1.67 -5.13	27.10 1.42 -8.42	27.48 1.76 -5.24	30.95 2.19 -3.86	45.97 2.08 -19.43	63.05 1.59 -41.87	54.63 1.69 -32.38	34.64 1.72 -10.53	32.61 1.35 -13.00	27.21 0.84 -15.79	23.13 0.41 -16.74
NYPA____HOLTSVILL 23794	25.67 1.97 -0.01	22.29 1.57 -0.01	21.12 1.40 0.00	21.12 1.50 -0.19	23.12 1.45 -2.52	24.33 1.84 -0.01	39.09 3.48 -0.41	53.32 2.74 -11.45	42.58 2.20 -11.00	33.35 2.56 -4.10	30.70 2.50 -6.12	30.45 2.36 -5.40	30.31 2.40 -7.87	32.13 1.73 -10.53	37.32 1.35 -18.70	28.01 2.17 -5.36	36.21 2.86 -8.46	46.50 2.57 -19.47	71.26 2.08 -49.58	58.89 2.24 -36.09	42.13 2.20 -17.55	37.32 1.68 -17.39	34.31 1.04 -22.69	27.75 0.57 -21.19
NYPA____HELLGATE_GT1 24158	25.14 1.45 0.00	21.87 1.16 0.00	20.70 0.99 0.00	20.41 0.97 0.00	20.11 0.96 0.00	23.55 1.08 0.01	37.84 2.25 -0.39	53.05 2.47 -11.44	42.42 2.06 -10.99	32.67 1.95 -4.05	29.15 1.83 -5.23	27.08 1.95 -2.45	27.84 1.76 -6.05	30.87 1.67 -9.33	19.68 1.42 -1.00	25.22 1.76 -2.99	30.94 2.19 -3.86	45.89 2.01 -19.42	62.98 1.53 -41.86	54.56 1.62 -32.38	34.53 1.61 -10.53	32.53 1.28 -12.99	27.19 0.81 -15.79	23.12 0.40 -16.74
NYPA____HELLGATE_GT2 24159	25.14 1.45 0.00	21.87 1.16 0.00	20.70 0.99 0.00	20.41 0.97 0.00	20.11 0.96 0.00	23.55 1.08 0.01	37.84 2.25 -0.39	53.05 2.47 -11.44	42.42 2.06 -10.99	32.67 1.95 -4.05	29.15 1.83 -5.23	27.08 1.95 -2.45	27.84 1.76 -6.05	30.87 1.67 -9.33	19.68 1.42 -1.00	25.22 1.76 -2.99	30.94 2.19 -3.86	45.89 2.01 -19.42	62.98 1.53 -41.86	54.56 1.62 -32.38	34.53 1.61 -10.53	32.53 1.28 -12.99	27.19 0.81 -15.79	23.12 0.40 -16.74
NYS_BARGE____HYD 23848	23.72 0.02 0.00	20.83 0.13 0.00	19.93 0.22 0.00	19.58 0.14 0.00	19.11 -0.04 0.00	22.32 -0.16 0.00	34.16 -1.13 -0.10	40.22 -1.64 -2.73	31.10 -1.06 -2.78	27.14 -0.53 -0.99	22.96 -0.46 -1.34	23.01 -0.27 -0.60	20.95 -0.30 -1.22	19.64 -0.30 -0.06	17.24 -0.09 -0.06	20.91 -0.29 -0.72	25.20 -0.62 -0.93	28.63 -0.81 -4.98	29.69 -0.74 -10.84	28.30 -0.47 -8.21	24.70 -0.36 -2.67	21.33 -0.29 -3.37	14.76 -0.02 -4.20	10.63 0.14 -4.50
OAK ORCHARD____HYD 24046	23.98 0.29 0.00	20.96 0.25 0.00	19.95 0.24 0.00	19.65 0.21 0.00	19.26 0.12 0.00	22.68 0.20 0.00	35.46 0.18 -0.09	41.70 0.12 -2.44	32.04 0.18 -2.49	27.91 0.35 -0.89	23.60 0.31 -1.20	23.50 0.27 -0.54	21.41 0.28 -1.09	20.11 0.18 -0.05	17.63 0.31 -0.05	21.39 0.27 -0.65	25.95 0.22 -0.83	29.10 0.17 -4.47	29.43 0.12 -9.72	28.37 0.27 -7.54	25.20 0.36 -2.46	21.64 0.29 -3.09	14.68 0.24 -3.86	10.32 0.20 -4.13
OAKDALE__35_KV_LOAD 356122	24.31 0.62 0.00	21.25 0.54 0.00	20.23 0.51 0.00	19.92 0.49 0.00	19.61 0.46 0.00	23.04 0.56 0.00	36.02 0.67 -0.16	44.25 0.67 -4.44	34.40 0.50 -4.52	28.83 0.53 -1.61	24.67 0.40 -2.18	24.14 0.48 -0.97	22.40 0.38 -1.99	20.39 0.42 -0.10	17.73 0.36 -0.10	22.05 0.39 -1.18	26.88 0.47 -1.51	33.01 0.44 -8.11	37.60 0.35 -17.65	34.71 0.49 -13.66	27.41 0.58 -4.45	24.33 0.47 -5.60	17.85 0.29 -6.98	13.66 0.19 -7.49
OCC_CHEM____DRP 24175	23.15 -0.54 0.00	20.34 -0.37 0.00	19.44 -0.28 0.00	19.09 -0.35 0.00	18.63 -0.52 0.00	21.83 -0.65 0.00	33.74 -1.55 -0.10	39.28 -2.66 -2.81	30.47 -1.76 -2.86	26.47 -1.23 -1.02	22.56 -0.91 -1.38	22.58 -0.73 -0.61	20.69 -0.60 -1.25	19.24 -0.70 -0.06	16.93 -0.40 -0.06	20.48 -0.74 -0.74	24.73 -1.12 -0.96	28.26 -1.32 -5.12	29.53 -1.21 -11.15	28.28 -0.88 -8.61	24.37 -0.83 -2.81	21.17 -0.62 -3.54	14.83 -0.17 -4.41	10.73 0.01 -4.73
OH_GEN_PROXY 24063	23.46 -0.24 0.00	20.59 -0.12 0.00	19.68 -0.04 0.00	19.34 -0.10 0.00	18.88 -0.27 0.00	22.14 -0.34 0.00	33.96 -1.34 -0.10	39.90 -2.04 -2.80	30.87 -1.35 -2.85	26.95 -0.75 -1.01	22.84 -0.62 -1.38	22.85 -0.45 -0.61	20.88 -0.40 -1.25	19.50 -0.44 -0.06	17.16 -0.17 -0.06	20.81 -0.41 -0.74	25.05 -0.80 -0.95	28.59 -0.98 -5.11	29.81 -0.90 -11.11	28.30 -0.58 -8.32	24.62 -0.47 -2.71	21.32 -0.35 -3.41	14.80 -0.03 -4.25	10.63 0.08 -4.56
OLIN_CORP_DRP 24177	23.36 -0.33 0.00	20.54 -0.17 0.00	19.66 -0.06 0.00	19.30 -0.14 0.00	18.84 -0.31 0.00	22.03 -0.45 0.00	33.89 -1.41 -0.10	39.52 -2.43 -2.81	30.62 -1.62 -2.86	26.60 -1.09 -1.02	22.65 -0.82 -1.38	22.67 -0.64 -0.61	20.77 -0.52 -1.25	19.32 -0.62 -0.06	17.00 -0.33 -0.06	20.57 -0.66 -0.74	24.85 -1.00 -0.96	28.36 -1.22 -5.12	29.66 -1.08 -11.15	28.38 -0.80 -8.62	24.45 -0.74 -2.81	21.24 -0.55 -3.53	14.83 -0.16 -4.41	10.77 0.06 -4.73
OLIN_CORP_DSASP 323712	23.15 -0.54 0.00	20.34 -0.37 0.00	19.44 -0.28 0.00	19.09 -0.35 0.00	18.63 -0.52 0.00	21.89 -0.58 0.00	33.46 -1.83 -0.10	39.28 -2.66 -2.81	30.47 -1.76 -2.86	26.58 -1.12 -1.02	22.56 -0.91 -1.38	22.53 -0.77 -0.61	20.63 -0.66 -1.25	19.22 -0.71 -0.06	16.93 -0.40 -0.06	20.55 -0.68 -0.74	24.73 -1.12 -0.96	28.24 -1.35 -5.12	29.51 -1.23 -11.15	28.01 -0.90 -8.35	24.31 -0.80 -2.73	21.07 -0.62 -3.43	14.69 -0.17 -4.28	10.59 0.01 -4.59

ONEIDA_HERK_LFGE 323681	24.19 0.50 0.00	21.10 0.39 0.00	20.07 0.36 0.00	19.79 0.35 0.00	19.53 0.38 0.00	22.95 0.47 0.00	35.71 0.49 -0.02	40.63 0.86 -0.63	30.66 0.65 -0.64	27.36 0.45 -0.23	22.60 0.20 -0.31	23.03 0.20 -0.14	20.44 0.12 -0.28	20.09 0.20 -0.01	17.42 0.14 -0.01	20.85 0.20 -0.17	25.41 0.30 -0.21	26.05 0.44 -1.15	22.45 0.35 -2.50	22.82 0.33 -1.94	22.82 0.38 -0.05	18.91 0.33 -0.32	11.27 0.10 -0.59	6.94 0.04 -0.91
ONEIDA___115KV_TB4 55905	24.52 0.83 0.00	21.39 0.68 0.00	20.33 0.61 0.00	20.04 0.60 0.00	19.78 0.63 0.00	23.26 0.79 0.00	36.46 1.23 -0.04	41.72 1.53 -1.05	31.50 1.06 -1.07	27.94 0.88 -0.38	23.11 0.51 -0.52	23.46 0.54 -0.23	20.92 0.42 -0.47	20.39 0.50 -0.02	17.71 0.41 -0.02	21.23 0.47 -0.28	25.92 0.67 -0.36	27.18 0.81 -1.91	24.41 0.65 -4.17	24.44 0.66 -3.22	24.13 0.69 -1.05	20.23 0.66 -1.32	12.57 0.34 -1.65	7.94 0.19 -1.77
ONONDAGA_REF_OCCRA 23987	23.98 0.28 0.00	20.94 0.23 0.00	19.91 0.20 0.00	19.61 0.17 0.00	19.32 0.17 0.00	22.70 0.22 0.00	35.56 0.28 -0.08	41.77 0.31 -2.31	31.97 0.24 -2.36	27.81 0.29 -0.84	23.40 0.18 -1.14	23.42 0.23 -0.51	21.21 0.14 -1.03	20.08 0.16 -0.05	17.47 0.16 -0.05	21.26 0.16 -0.61	25.88 0.20 -0.79	28.91 0.22 -4.22	29.00 0.22 -9.19	27.94 0.27 -7.11	25.06 0.36 -2.32	21.50 0.33 -2.91	14.40 0.18 -3.64	10.00 0.11 -3.90
ONONDAGA___COGEN 23986	24.07 0.38 0.00	21.02 0.31 0.00	19.99 0.28 0.00	19.69 0.25 0.00	19.40 0.25 0.00	22.81 0.34 0.00	35.70 0.42 -0.08	41.92 0.51 -2.27	32.04 0.35 -2.32	27.91 0.40 -0.83	23.45 0.24 -1.12	23.48 0.29 -0.50	21.25 0.20 -1.02	20.14 0.22 -0.05	17.53 0.21 -0.05	21.29 0.20 -0.60	25.92 0.25 -0.77	28.91 0.29 -4.15	28.88 0.25 -9.03	27.88 0.33 -6.99	25.09 0.43 -2.28	21.52 0.40 -2.86	14.38 0.22 -3.57	9.96 0.14 -3.83
ONTARIO___LFGE 23819	24.40 0.71 0.00	21.31 0.60 0.00	20.29 0.57 0.00	19.96 0.53 0.00	19.61 0.46 0.00	23.15 0.67 0.00	35.92 0.63 -0.10	42.58 0.74 -2.70	32.83 0.70 -2.75	28.46 0.80 -0.98	23.90 0.49 -1.33	23.91 0.63 -0.59	21.62 0.38 -1.21	20.37 0.44 -0.06	17.74 0.41 -0.06	21.66 0.47 -0.72	26.28 0.47 -0.92	29.87 0.49 -4.92	30.73 0.43 -10.71	29.44 0.60 -8.28	25.84 0.76 -2.70	22.21 0.57 -3.39	15.15 0.34 -4.23	10.75 0.23 -4.54
ORANGEVILLE_WT_PWR 323706	24.05 0.36 0.00	21.08 0.37 0.00	20.13 0.41 0.00	19.75 0.31 0.00	19.30 0.15 0.00	22.68 0.20 0.00	34.63 -0.67 -0.11	41.08 -1.17 -3.11	31.84 -0.71 -3.17	27.54 -0.27 -1.13	23.37 -0.24 -1.53	23.46 0.09 -0.68	21.32 -0.10 -1.39	19.92 -0.02 -0.07	17.35 0.02 -0.07	21.20 -0.10 -0.83	25.63 -0.32 -1.06	29.68 -0.47 -5.68	31.47 -0.49 -12.36	29.73 -0.21 -9.38	25.26 -0.18 -3.05	21.93 -0.16 -3.84	15.40 0.02 -4.79	11.23 0.10 -5.14
ORANGEVILLE___ESR 323794	24.05 0.36 0.00	21.08 0.37 0.00	20.13 0.41 0.00	19.75 0.31 0.00	19.30 0.15 0.00	22.68 0.20 0.00	34.63 -0.67 -0.11	41.08 -1.17 -3.11	31.84 -0.71 -3.17	27.54 -0.27 -1.13	23.37 -0.24 -1.53	23.46 0.09 -0.68	21.32 -0.10 -1.39	19.92 -0.02 -0.07	17.35 0.02 -0.07	21.20 -0.10 -0.83	25.63 -0.32 -1.06	29.68 -0.47 -5.68	31.47 -0.49 -12.36	29.73 -0.21 -9.38	25.26 -0.18 -3.05	21.93 -0.16 -3.84	15.40 0.02 -4.79	11.23 0.10 -5.14
OSWEGATCHIE___HYD 24044	23.55 -0.14 0.00	20.59 -0.12 0.00	19.58 -0.14 0.00	19.30 -0.14 0.00	19.03 -0.11 0.00	22.30 -0.18 0.00	34.51 -0.70 -0.02	38.98 -0.74 -0.58	29.41 -0.56 -0.60	26.15 -0.75 -0.21	21.65 -0.73 -0.29	22.00 -0.82 -0.13	19.53 -0.76 -0.26	19.17 -0.71 -0.01	16.63 -0.66 -0.01	19.90 -0.74 -0.16	24.30 -0.80 -0.20	24.92 -0.61 -1.07	21.48 -0.45 -2.33	21.77 -0.60 -1.81	16.58 -0.74 5.07	13.85 -0.53 3.88	7.22 -0.38 2.98	5.26 -0.20 0.52
OSWEGO___5 23606	23.36 -0.33 0.00	20.42 -0.29 0.00	19.44 -0.28 0.00	19.15 -0.29 0.00	18.86 -0.29 0.00	22.16 -0.31 0.00	34.58 -0.67 -0.05	39.92 -0.74 -1.52	30.37 -0.56 -1.55	26.78 -0.45 -0.55	22.44 -0.40 -0.75	22.61 -0.41 -0.33	20.35 -0.36 -0.68	19.55 -0.36 -0.03	17.01 -0.29 -0.03	20.51 -0.37 -0.40	24.94 -0.47 -0.52	26.78 -0.47 -2.78	25.29 -0.35 -6.05	24.90 -0.35 -4.69	23.60 -0.31 -1.53	19.98 -0.20 -1.92	12.86 -0.12 -2.40	8.50 -0.05 -2.57
OSWEGO___6 23613	23.36 -0.33 0.00	20.42 -0.29 0.00	19.44 -0.28 0.00	19.15 -0.29 0.00	18.86 -0.29 0.00	22.16 -0.31 0.00	34.58 -0.67 -0.05	39.92 -0.74 -1.52	30.37 -0.56 -1.55	26.78 -0.45 -0.55	22.44 -0.40 -0.75	22.61 -0.41 -0.33	20.35 -0.36 -0.68	19.55 -0.36 -0.03	17.01 -0.29 -0.03	20.51 -0.37 -0.40	24.94 -0.47 -0.52	26.78 -0.47 -2.78	25.29 -0.35 -6.05	24.90 -0.35 -4.69	23.60 -0.31 -1.53	19.98 -0.20 -1.92	12.86 -0.12 -2.40	8.50 -0.05 -2.57
OUTOKUMPU-AB___DRP 24206	23.84 0.14 0.00	20.92 0.21 0.00	19.99 0.28 0.00	19.63 0.19 0.00	19.15 0.00 0.00	22.45 -0.02 0.00	34.52 -0.77 -0.10	40.35 -1.60 -2.82	31.24 -1.00 -2.87	27.12 -0.59 -1.02	23.07 -0.40 -1.38	23.10 -0.20 -0.62	21.11 -0.18 -1.26	19.72 -0.22 -0.06	17.30 -0.03 -0.06	20.94 -0.29 -0.75	25.31 -0.55 -0.96	28.84 -0.76 -5.14	30.06 -0.73 -11.19	28.80 -0.41 -8.65	24.85 -0.36 -2.82	21.55 -0.26 -3.55	15.04 0.03 -4.43	10.87 0.14 -4.75
OXBOW___ 24026	23.55 -0.14 0.00	20.69 -0.02 0.00	19.76 0.04 0.00	19.40 -0.04 0.00	18.94 -0.21 0.00	22.23 -0.25 0.00	33.92 -1.37 -0.10	39.91 -2.04 -2.81	30.92 -1.32 -2.86	26.98 -0.72 -1.02	22.87 -0.60 -1.38	22.89 -0.41 -0.62	20.89 -0.40 -1.26	19.52 -0.42 -0.06	17.16 -0.17 -0.06	20.83 -0.39 -0.75	25.08 -0.77 -0.96	28.59 -1.00 -5.13	29.82 -0.94 -11.17	28.33 -0.62 -8.39	24.61 -0.51 -2.74	21.30 -0.40 -3.44	14.83 -0.05 -4.30	10.68 0.09 -4.61
OXY_CHEM_DSASP 323612	23.15 -0.54 0.00	20.34 -0.37 0.00	19.44 -0.28 0.00	19.09 -0.35 0.00	18.63 -0.52 0.00	21.83 -0.65 0.00	33.74 -1.55 -0.10	39.28 -2.66 -2.81	30.47 -1.76 -2.86	26.47 -1.23 -1.02	22.56 -0.91 -1.38	22.58 -0.73 -0.61	20.69 -0.60 -1.25	19.24 -0.70 -0.06	16.93 -0.40 -0.06	20.48 -0.74 -0.74	24.73 -1.12 -0.96	28.26 -1.32 -5.12	29.53 -1.21 -11.15	28.28 -0.88 -8.61	24.37 -0.83 -2.81	21.17 -0.62 -3.54	14.83 -0.17 -4.41	10.73 0.01 -4.73
OZONE_PARK_ESR 323760	25.26 1.56 0.00	22.03 1.33 0.00	20.88 1.16 0.00	20.62 1.19 0.00	20.32 1.17 0.00	23.92 1.44 0.00	38.38 2.78 -0.40	53.84 3.25 -11.45	42.90 2.53 -11.00	33.14 2.40 -4.06	29.45 2.12 -5.24	27.36 2.22 -2.45	27.44 2.00 -5.41	26.76 1.89 -5.00	27.10 1.62 -8.20	27.68 2.03 -5.18	31.24 2.49 -3.85	46.24 2.37 -19.40	63.29 1.88 -41.81	54.98 2.01 -32.41	34.99 2.06 -10.54	32.88 1.61 -13.01	27.34 0.94 -15.81	23.23 0.47 -16.77
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	23.15 -0.54 0.00	20.34 -0.37 0.00	19.44 -0.28 0.00	19.09 -0.35 0.00	18.63 -0.52 0.00	21.83 -0.65 0.00	33.74 -1.55 -0.10	39.28 -2.66 -2.81	30.47 -1.76 -2.86	26.47 -1.23 -1.02	22.56 -0.91 -1.38	22.58 -0.73 -0.61	20.69 -0.60 -1.25	19.24 -0.70 -0.06	16.93 -0.40 -0.06	20.48 -0.74 -0.74	24.73 -1.12 -0.96	28.26 -1.32 -5.12	29.53 -1.21 -11.15	28.28 -0.88 -8.61	24.37 -0.83 -2.81	21.17 -0.62 -3.54	14.83 -0.17 -4.41	10.73 0.01 -4.73

PACKARD__115KV_DUPONT_184 80571	23.15 -0.54 0.00	20.34 -0.37 0.00	19.44 -0.28 0.00	19.09 -0.35 0.00	18.63 -0.52 0.00	21.83 -0.65 0.00	33.74 -1.55 -0.10	39.28 -2.66 -2.81	30.47 -1.76 -2.86	26.47 -1.23 -1.02	22.56 -0.91 -1.38	22.58 -0.73 -0.61	20.69 -0.60 -1.25	19.24 -0.70 -0.06	16.93 -0.40 -0.06	20.48 -0.74 -0.74	24.73 -1.12 -0.96	28.26 -1.32 -5.12	29.53 -1.21 -11.15	28.28 -0.88 -8.61	24.37 -0.83 -2.81	21.17 -0.62 -3.54	14.83 -0.17 -4.41	10.73 0.01 -4.73
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	25.14 1.45 0.00	21.87 1.16 0.00	20.70 0.99 0.00	20.41 0.97 0.00	20.11 0.96 0.00	23.58 1.10 0.00	37.81 2.22 -0.40	53.09 2.50 -11.45	42.43 2.06 -11.00	32.71 1.97 -4.06	29.10 1.77 -5.24	27.02 1.88 -2.45	26.40 1.68 -4.68	21.69 1.57 -0.25	18.86 1.35 -0.25	24.94 1.70 -2.76	30.84 2.09 -3.85	45.82 1.96 -19.40	62.92 1.51 -41.81	54.59 1.62 -32.41	34.56 1.63 -10.54	32.55 1.28 -13.01	27.21 0.81 -15.81	23.15 0.40 -16.77
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	25.35 1.66 0.00	22.06 1.35 0.00	20.90 1.18 0.00	20.59 1.15 0.00	20.28 1.13 0.00	23.76 1.28 0.00	38.13 2.53 -0.40	53.45 2.86 -11.45	42.70 2.32 -11.00	32.92 2.19 -4.06	29.21 1.88 -5.24	27.18 2.04 -2.45	26.48 1.76 -4.68	21.85 1.73 -0.25	19.00 1.49 -0.25	25.02 1.78 -2.76	30.89 2.14 -3.85	46.02 2.15 -19.40	63.02 1.61 -41.81	54.65 1.69 -32.41	34.63 1.70 -10.54	32.68 1.41 -13.01	27.30 0.90 -15.81	23.20 0.45 -16.77
PATROON__115KV_TB1 80586	24.31 0.62 0.00	21.29 0.58 0.00	20.21 0.49 0.00	19.92 0.49 0.00	19.69 0.54 0.00	23.15 0.67 0.00	36.88 1.30 -0.39	51.06 1.25 -10.67	41.71 0.88 -11.45	31.45 0.83 -3.94	28.26 0.57 -5.60	25.62 0.54 -2.39	25.72 0.50 -5.18	20.76 0.62 -0.27	18.08 0.55 -0.26	24.10 0.51 -3.11	29.30 0.72 -3.69	46.11 0.76 -20.90	66.09 0.63 -45.87	56.66 0.66 -35.44	34.65 0.72 -11.55	33.53 0.49 -14.78	29.75 0.30 -18.87	26.56 0.16 -20.42
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	24.19 0.50 0.00	21.23 0.52 0.00	20.27 0.55 0.00	19.91 0.47 0.00	19.44 0.29 0.00	22.84 0.36 0.00	34.24 -1.06 -0.11	40.25 -1.84 -2.95	31.14 -1.23 -3.00	26.92 -0.83 -1.07	22.92 -0.62 -1.45	22.90 -0.43 -0.65	20.97 -0.38 -1.32	19.80 -0.14 -0.07	17.11 -0.22 -0.06	20.77 -0.49 -0.78	25.15 -0.75 -1.00	28.88 -0.95 -5.38	30.47 -0.82 -11.70	29.08 -0.53 -9.05	24.77 -0.56 -2.95	21.51 -0.46 -3.71	15.10 -0.12 -4.63	10.99 0.04 -4.96
PAWLING_115_KV_BK3_REV_LBMP_H 345028	25.09 1.40 0.00	21.87 1.16 0.00	20.76 1.04 0.00	20.49 1.05 0.00	20.16 1.01 0.00	23.71 1.24 0.00	37.98 2.39 -0.40	53.23 2.86 -11.23	42.42 2.14 -10.90	32.62 1.95 -4.00	28.93 1.63 -5.20	26.82 1.72 -2.40	26.21 1.52 -4.65	21.59 1.49 -0.22	18.74 1.26 -0.22	24.77 1.56 -2.74	30.65 1.97 -3.79	45.70 1.93 -19.31	62.82 1.55 -41.68	54.54 1.69 -32.29	34.62 1.72 -10.51	32.62 1.35 -13.01	27.19 0.73 -15.88	23.23 0.38 -16.87
PEEKSKILL____ 23653	24.90 1.21 0.00	21.72 1.01 0.00	20.62 0.91 0.00	20.37 0.93 0.00	20.07 0.92 0.00	23.60 1.12 0.00	37.84 2.25 -0.40	52.91 2.54 -11.23	42.12 1.94 -10.80	32.47 1.82 -3.98	28.85 1.61 -5.15	26.78 1.70 -2.39	26.15 1.52 -4.59	21.54 1.45 -0.22	18.71 1.23 -0.21	24.69 1.52 -2.70	30.58 1.92 -3.77	45.38 1.84 -19.08	62.16 1.45 -41.12	53.94 1.58 -31.79	34.36 1.63 -10.34	32.28 1.26 -12.77	26.81 0.72 -15.51	22.80 0.37 -16.45
PGE MADISON__WINDPWR 24146	25.95 2.25 0.00	22.59 1.88 0.00	21.45 1.74 0.00	21.13 1.69 0.00	20.87 1.72 0.00	24.59 2.11 0.00	38.45 3.10 -0.16	47.64 4.03 -4.47	36.60 2.67 -4.55	30.46 2.16 -1.62	25.67 1.39 -2.20	25.03 1.36 -0.98	23.15 1.12 -2.00	21.16 1.19 -0.10	18.33 0.97 -0.10	22.97 1.31 -1.18	28.23 1.82 -1.52	34.77 2.15 -8.15	39.06 1.72 -17.74	36.02 1.77 -13.70	28.75 1.90 -4.46	25.38 1.51 -5.61	18.42 0.84 -7.00	13.97 0.47 -7.51
PIERCEFIELD__HYD 23852	23.43 -0.26 0.00	20.52 -0.19 0.00	19.56 -0.16 0.00	19.26 -0.17 0.00	18.98 -0.17 0.00	22.12 -0.36 0.00	34.11 -1.09 -0.01	38.14 -1.33 -0.33	28.66 -1.06 -0.34	25.63 -1.17 -0.12	21.15 -1.10 -0.16	21.60 -1.16 -0.07	19.06 -1.12 -0.15	18.85 -1.03 -0.01	16.33 -0.95 -0.01	19.48 -1.09 -0.09	23.74 -1.27 -0.11	23.98 -1.10 -0.62	20.07 -0.86 -1.34	20.55 -1.05 -1.04	12.85 -1.32 8.21	10.72 -0.97 6.56	4.70 -0.51 5.38	4.01 -0.26 1.72
PINELAWN_CC_1 323563	25.65 1.94 -0.01	22.29 1.57 -0.01	21.10 1.38 0.00	21.12 1.50 -0.19	23.14 1.47 -2.52	24.33 1.84 -0.01	39.12 3.52 -0.41	53.64 3.05 -11.45	42.75 2.38 -11.00	33.31 2.56 -4.06	30.57 2.41 -6.08	30.47 2.38 -5.40	30.27 2.36 -7.87	31.26 1.73 -9.66	34.68 1.40 -16.02	27.93 2.13 -5.32	31.85 2.81 -4.15	46.48 2.59 -19.43	64.02 2.08 -42.35	55.42 2.24 -32.62	35.61 2.24 -10.98	33.24 1.72 -13.27	31.02 1.02 -19.42	27.74 0.57 -21.19
PJM_GEN_HTP_PROXY 323702	25.12 1.42 0.00	21.89 1.18 0.00	20.78 1.06 0.00	20.51 1.07 0.00	20.22 1.07 0.00	23.78 1.30 0.00	38.20 2.60 -0.40	53.56 2.97 -11.45	42.70 2.32 -11.00	32.95 2.21 -4.05	29.27 1.94 -5.24	27.20 2.06 -2.45	27.27 1.84 -5.39	26.54 1.75 -4.92	26.82 1.49 -8.06	27.45 1.84 -5.13	31.04 2.29 -3.86	46.07 2.18 -19.43	63.16 1.70 -41.86	54.77 1.83 -32.38	34.80 1.88 -10.54	32.72 1.46 -13.00	27.23 0.86 -15.79	23.16 0.44 -16.74
PJM_GEN_KEystone 24065	24.36 0.66 0.00	21.29 0.58 0.00	20.27 0.55 0.00	19.96 0.53 0.00	19.63 0.48 0.00	23.04 0.56 0.00	36.11 0.67 -0.25	46.93 0.59 -7.20	36.88 0.50 -7.01	29.88 0.64 -2.56	26.01 0.57 -3.35	25.00 0.77 -1.54	23.70 0.62 -3.05	20.99 0.64 -0.48	18.52 0.55 -0.70	23.01 0.59 -1.94	27.99 0.67 -2.43	37.43 0.56 -12.41	46.80 0.41 -26.79	41.80 0.64 -20.60	29.78 0.69 -6.70	27.09 0.53 -8.31	21.10 0.36 -10.15	17.01 0.23 -10.79
PJM_GEN_NEPTUNE_PROXY 323594	25.24 1.54 -0.01	22.00 1.28 -0.01	20.82 1.10 0.00	20.87 1.25 -0.19	22.91 1.24 -2.52	23.94 1.46 -0.01	38.56 2.96 -0.41	53.21 2.62 -11.45	42.43 2.06 -11.00	32.93 2.19 -4.06	29.81 2.03 -5.69	30.20 2.11 -5.40	29.95 2.04 -7.87	33.17 1.49 -11.80	44.18 1.19 -25.72	26.47 1.86 -4.13	31.14 2.39 -3.86	46.09 2.20 -19.43	63.22 1.76 -41.86	54.85 1.91 -32.38	34.87 1.95 -10.54	32.75 1.50 -13.00	29.09 0.89 -17.62	25.58 0.47 -19.13
PJM_GEN_VFT_PROXY 323633	24.97 1.28 0.00	21.77 1.06 0.00	20.64 0.93 0.00	20.39 0.95 0.00	20.11 0.96 0.00	23.65 1.17 0.00	37.95 2.36 -0.40	53.29 2.70 -11.45	42.49 2.12 -11.00	32.79 2.05 -4.05	29.16 1.83 -5.24	27.09 1.95 -2.45	27.16 1.72 -5.41	26.54 1.67 -5.00	26.89 1.42 -8.20	27.41 1.76 -5.18	30.92 2.16 -3.86	45.90 2.01 -19.43	63.03 1.57 -41.86	54.63 1.69 -32.38	34.67 1.75 -10.54	32.63 1.37 -13.00	27.19 0.81 -15.79	23.12 0.40 -16.74
PLATSBURG_115KV_PMLD1 355749	24.50 0.81 0.00	21.48 0.77 0.00	20.43 0.71 0.00	20.10 0.66 0.00	19.80 0.65 0.00	23.22 0.74 0.00	35.54 0.35 0.00	39.22 0.08 0.00	29.79 0.41 0.00	26.92 0.24 0.00	22.35 0.27 0.00	22.89 0.20 0.00	20.19 0.16 0.00	19.99 0.12 0.00	17.34 0.07 0.00	20.68 0.20 0.00	25.07 0.17 0.00	24.63 0.17 0.00	19.93 0.33 0.00	20.66 0.10 0.00	11.13 -0.25 11.01	8.84 -0.42 9.00	2.67 -0.31 7.60	2.84 -0.20 2.94

PLEASANTVLY___LBMP 24000	24.74 1.04 0.00	21.60 0.89 0.00	20.50 0.79 0.00	20.26 0.82 0.00	19.99 0.84 0.00	23.49 1.01 0.00	37.55 1.94 -0.42	53.34 2.19 -12.01	42.55 1.67 -11.50	32.53 1.60 -4.25	28.98 1.41 -5.47	26.71 1.47 -2.55	26.23 1.32 -4.87	21.38 1.27 -0.23	18.56 1.07 -0.22	24.67 1.33 -2.86	30.56 1.64 -4.02	46.28 1.57 -20.26	64.47 1.25 -43.62	55.73 1.36 -33.81	34.80 1.41 -11.00	32.89 1.08 -13.56	27.65 0.62 -16.44	23.73 0.33 -17.42
PLSNTVLE_13_KV_13.8KVDIST 80602	24.93 1.23 0.00	21.77 1.06 0.00	20.64 0.93 0.00	20.39 0.95 0.00	20.11 0.96 0.00	23.67 1.19 0.00	37.88 2.29 -0.40	53.30 2.66 -11.50	42.49 2.06 -11.05	32.70 1.95 -4.07	29.08 1.72 -5.27	26.93 1.79 -2.45	26.33 1.60 -4.70	21.63 1.53 -0.22	18.78 1.30 -0.22	24.85 1.62 -2.76	30.74 1.99 -3.86	45.84 1.88 -19.50	63.12 1.51 -42.01	54.75 1.62 -32.56	34.68 1.70 -10.60	32.63 1.30 -13.08	27.23 0.75 -15.89	23.22 0.39 -16.85
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	24.93 1.23 0.00	21.77 1.06 0.00	20.64 0.93 0.00	20.39 0.95 0.00	20.11 0.96 0.00	23.67 1.19 0.00	37.88 2.29 -0.40	53.30 2.66 -11.50	42.49 2.06 -11.05	32.70 1.95 -4.07	29.08 1.72 -5.27	26.93 1.79 -2.45	26.33 1.60 -4.70	21.63 1.53 -0.22	18.78 1.30 -0.22	24.85 1.62 -2.76	30.74 1.99 -3.86	45.84 1.88 -19.50	63.12 1.51 -42.01	54.75 1.62 -32.56	34.68 1.70 -10.60	32.63 1.30 -13.08	27.23 0.75 -15.89	23.22 0.39 -16.85
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	24.90 1.21 0.00	21.72 1.01 0.00	20.64 0.93 0.00	20.37 0.93 0.00	20.11 0.96 0.00	23.58 1.10 0.00	37.72 2.18 -0.34	51.08 2.47 -9.48	41.10 1.82 -9.91	31.84 1.68 -3.48	28.33 1.44 -4.81	26.29 1.50 -2.10	25.77 1.32 -4.41	21.41 1.31 -0.23	18.59 1.11 -0.22	24.46 1.35 -2.63	29.90 1.74 -3.26	44.09 1.69 -17.94	60.14 1.35 -39.20	52.33 1.46 -30.31	33.78 1.52 -9.87	31.93 1.15 -12.53	27.03 0.65 -15.80	23.34 0.34 -17.02
POLETTI____ 23519	25.12 1.42 0.00	21.91 1.20 0.00	20.78 1.06 0.00	20.51 1.07 0.00	20.22 1.07 0.00	23.78 1.30 0.00	38.16 2.57 -0.40	53.56 2.97 -11.45	42.70 2.32 -11.00	32.95 2.21 -4.06	29.27 1.94 -5.24	27.18 2.04 -2.45	27.28 1.84 -5.41	26.64 1.77 -5.00	26.97 1.50 -8.20	27.52 1.86 -5.18	31.01 2.27 -3.85	46.02 2.15 -19.40	63.11 1.70 -41.81	54.80 1.83 -32.41	34.81 1.88 -10.54	32.75 1.48 -13.01	27.27 0.87 -15.81	23.19 0.44 -16.77
POMONA___ESR 323819	24.88 1.18 0.00	21.70 0.99 0.00	20.60 0.89 0.00	20.35 0.91 0.00	20.05 0.90 0.00	23.56 1.08 0.00	37.74 2.18 -0.37	51.98 2.47 -10.37	41.26 1.85 -10.03	32.10 1.73 -3.68	28.38 1.50 -4.79	26.49 1.59 -2.22	25.73 1.42 -4.27	21.45 1.37 -0.20	18.64 1.17 -0.20	24.40 1.41 -2.51	30.20 1.82 -3.49	43.95 1.76 -17.73	59.23 1.39 -38.24	51.60 1.56 -29.48	33.59 1.61 -9.59	31.36 1.24 -11.86	25.73 0.71 -14.44	21.68 0.37 -15.33
PORT_JEFF_3 23555	25.67 1.97 -0.01	22.27 1.55 -0.01	21.10 1.38 0.00	21.10 1.48 -0.19	23.12 1.45 -2.52	24.33 1.84 -0.01	39.05 3.45 -0.41	53.21 2.62 -11.45	42.52 2.14 -11.00	33.40 2.62 -4.10	30.75 2.54 -6.12	30.47 2.38 -5.40	30.33 2.42 -7.87	32.15 1.75 -10.53	37.30 1.33 -18.70	28.03 2.19 -5.37	36.31 2.89 -8.53	46.45 2.52 -19.47	71.32 2.02 -49.70	58.89 2.18 -36.15	42.20 2.15 -17.66	37.39 1.68 -17.46	34.38 1.05 -22.75	27.76 0.59 -21.19
PORT_JEFF_4 23616	25.67 1.97 -0.01	22.27 1.55 -0.01	21.10 1.38 0.00	21.10 1.48 -0.19	23.12 1.45 -2.52	24.33 1.84 -0.01	39.05 3.45 -0.41	53.21 2.62 -11.45	42.52 2.14 -11.00	33.40 2.62 -4.10	30.75 2.54 -6.12	30.47 2.38 -5.40	30.33 2.42 -7.87	32.15 1.75 -10.53	37.30 1.33 -18.70	28.03 2.19 -5.37	36.31 2.89 -8.53	46.45 2.52 -19.47	71.32 2.02 -49.70	58.89 2.18 -36.15	42.20 2.15 -17.66	37.39 1.68 -17.46	34.38 1.05 -22.75	27.76 0.59 -21.19
PORT_JEFF_IC 23713	25.71 2.01 -0.01	22.33 1.62 -0.01	21.14 1.42 0.00	21.16 1.54 -0.19	23.16 1.49 -2.52	24.37 1.89 -0.01	39.16 3.55 -0.41	53.36 2.78 -11.45	42.61 2.23 -11.00	33.45 2.67 -4.11	30.79 2.58 -6.12	30.54 2.45 -5.40	30.39 2.48 -7.87	32.14 1.77 -10.50	37.26 1.36 -18.63	28.08 2.23 -5.37	36.64 2.96 -8.79	46.55 2.62 -19.47	71.85 2.12 -50.14	59.22 2.30 -36.36	42.70 2.26 -18.05	37.71 1.75 -17.70	34.61 1.08 -22.94	27.77 0.60 -21.19
PPL PILGRIM_ST_GT1 24216	25.79 2.09 -0.01	22.39 1.68 -0.01	21.19 1.48 0.00	21.22 1.59 -0.19	23.24 1.57 -2.52	24.49 2.00 -0.01	39.26 3.66 -0.41	53.72 3.13 -11.45	42.81 2.44 -11.00	33.44 2.69 -4.07	30.56 2.39 -6.08	30.56 2.47 -5.40	30.35 2.44 -7.87	31.94 1.85 -10.22	36.49 1.47 -17.76	27.85 2.05 -5.33	31.96 2.66 -4.40	46.36 2.47 -19.43	64.23 1.86 -42.78	55.40 2.02 -32.82	35.77 2.02 -11.37	33.36 1.59 -13.52	31.15 0.95 -19.62	27.78 0.60 -21.19
PPL PILGRIM_ST_GT2 24217	25.79 2.09 -0.01	22.39 1.68 -0.01	21.19 1.48 0.00	21.22 1.59 -0.19	23.24 1.57 -2.52	24.49 2.00 -0.01	39.26 3.66 -0.41	53.72 3.13 -11.45	42.81 2.44 -11.00	33.44 2.69 -4.07	30.56 2.39 -6.08	30.56 2.47 -5.40	30.35 2.44 -7.87	31.94 1.85 -10.22	36.49 1.47 -17.76	27.85 2.05 -5.33	31.96 2.66 -4.40	46.36 2.47 -19.43	64.23 1.86 -42.78	55.40 2.02 -32.82	35.77 2.02 -11.37	33.36 1.59 -13.52	31.15 0.95 -19.62	27.78 0.60 -21.19
PPL_SHRM_GT3 24213	25.88 2.18 -0.01	22.44 1.72 -0.01	21.27 1.56 0.00	21.28 1.65 -0.19	23.26 1.59 -2.52	24.51 2.02 -0.01	39.44 3.84 -0.41	53.64 3.05 -11.45	42.81 2.44 -11.00	33.56 2.77 -4.10	30.95 2.74 -6.12	30.61 2.52 -5.40	30.49 2.59 -7.87	32.23 1.85 -10.51	37.37 1.45 -18.65	28.18 2.33 -5.37	36.61 3.21 -8.50	46.81 2.88 -19.47	71.58 2.33 -49.65	59.19 2.51 -36.13	42.46 2.46 -17.62	37.56 1.88 -17.43	34.44 1.13 -22.73	27.80 0.63 -21.19
PPL_SHRM_GT4 24214	25.88 2.18 -0.01	22.44 1.72 -0.01	21.27 1.56 0.00	21.28 1.65 -0.19	23.26 1.59 -2.52	24.51 2.02 -0.01	39.44 3.84 -0.41	53.64 3.05 -11.45	42.81 2.44 -11.00	33.56 2.77 -4.10	30.95 2.74 -6.12	30.61 2.52 -5.40	30.49 2.59 -7.87	32.23 1.85 -10.51	37.37 1.45 -18.65	28.18 2.33 -5.37	36.61 3.21 -8.50	46.81 2.88 -19.47	71.58 2.33 -49.65	59.19 2.51 -36.13	42.46 2.46 -17.62	37.56 1.88 -17.43	34.44 1.13 -22.73	27.80 0.63 -21.19
PROJECT___ORANGE 1 24174	23.86 0.17 0.00	20.83 0.12 0.00	19.83 0.12 0.00	19.54 0.10 0.00	19.24 0.10 0.00	22.61 0.13 0.00	35.34 0.07 -0.08	41.33 0.08 -2.11	31.58 0.06 -2.15	27.61 0.16 -0.77	23.21 0.09 -1.04	23.28 0.14 -0.46	21.06 0.08 -0.94	20.00 0.08 -0.05	17.40 0.09 -0.05	21.12 0.08 -0.56	25.69 0.07 -0.72	28.41 0.10 -3.85	28.07 0.10 -8.37	27.20 0.16 -6.48	24.74 0.25 -2.11	21.15 0.24 -2.66	14.03 0.14 -3.31	9.63 0.09 -3.55
PROJECT___ORANGE 2 24166	23.86 0.17 0.00	20.83 0.12 0.00	19.83 0.12 0.00	19.54 0.10 0.00	19.24 0.10 0.00	22.61 0.13 0.00	35.34 0.07 -0.08	41.33 0.08 -2.11	31.58 0.06 -2.15	27.61 0.16 -0.77	23.21 0.09 -1.04	23.28 0.14 -0.46	21.06 0.08 -0.94	20.00 0.08 -0.05	17.40 0.09 -0.05	21.12 0.08 -0.56	25.69 0.07 -0.72	28.41 0.10 -3.85	28.07 0.10 -8.37	27.20 0.16 -6.48	24.74 0.25 -2.11	21.15 0.24 -2.66	14.03 0.14 -3.31	9.63 0.09 -3.55

PUCKETT___SOLAR 323809	24.71 1.02 0.00	21.58 0.87 0.00	20.54 0.83 0.00	20.24 0.80 0.00	19.93 0.79 0.00	23.44 0.97 0.00	36.66 1.30 -0.16	45.30 1.57 -4.60	35.11 1.06 -4.68	29.28 0.93 -1.67	24.94 0.60 -2.26	24.35 0.66 -1.01	22.57 0.48 -2.05	20.51 0.54 -0.10	17.82 0.45 -0.10	22.27 0.57 -1.22	27.23 0.77 -1.57	33.73 0.88 -8.39	38.60 0.74 -18.26	35.51 0.86 -14.09	27.98 1.01 -4.59	24.81 0.78 -5.77	18.24 0.45 -7.20	13.99 0.28 -7.73
PYRITES___HYD 24023	23.95 0.26 0.00	20.96 0.25 0.00	19.93 0.22 0.00	19.65 0.21 0.00	19.38 0.23 0.00	22.66 0.18 0.00	34.96 -0.25 -0.01	39.28 -0.20 -0.33	29.39 -0.32 -0.34	26.19 -0.61 -0.12	21.48 -0.77 -0.16	21.94 -0.82 -0.07	19.34 -0.84 -0.15	19.14 -0.74 -0.01	16.57 -0.71 -0.01	19.77 -0.80 -0.09	24.19 -0.82 -0.11	24.54 -0.54 -0.62	20.52 -0.41 -1.34	21.00 -0.60 -1.04	13.28 -0.90 8.21	11.13 -0.57 6.56	4.90 -0.31 5.38	4.12 -0.14 1.72
QUAKERRD_115KV_BK1 80622	23.39 -0.31 0.00	20.44 -0.27 0.00	19.46 -0.26 0.00	19.17 -0.27 0.00	18.80 -0.34 0.00	22.14 -0.34 0.00	34.75 -0.53 -0.09	40.72 -0.82 -2.41	31.27 -0.56 -2.45	27.15 -0.40 -0.87	22.94 -0.33 -1.18	22.94 -0.27 -0.53	20.81 -0.30 -1.07	19.59 -0.34 -0.05	17.13 -0.19 -0.05	20.79 -0.33 -0.64	25.24 -0.47 -0.82	28.37 -0.46 -4.38	28.73 -0.39 -9.53	27.64 -0.29 -7.37	24.52 -0.27 -2.40	21.08 -0.20 -3.02	14.28 -0.07 -3.77	10.03 0.01 -4.04
QUEENSBRY_115KV_TB8 356137	24.93 1.23 0.00	21.77 1.06 0.00	20.86 1.14 0.00	20.51 1.07 0.00	20.45 1.30 0.00	24.12 1.64 0.00	38.65 3.06 -0.40	53.52 3.37 -11.02	43.44 2.29 -11.77	32.70 1.95 -4.07	29.38 1.55 -5.75	26.54 1.38 -2.47	26.60 1.26 -5.31	21.46 1.31 -0.28	18.64 1.11 -0.27	24.97 1.31 -3.18	30.29 1.62 -3.78	47.43 1.61 -21.36	67.82 1.37 -46.86	58.27 1.50 -36.21	35.79 1.61 -11.80	34.46 1.11 -15.09	30.48 0.67 -19.23	27.14 0.35 -20.80
RAMAPO___LBMP 323565	24.81 1.11 0.00	21.66 0.95 0.00	20.56 0.85 0.00	20.31 0.87 0.00	20.01 0.86 0.00	23.51 1.03 0.00	37.60 2.04 -0.37	51.91 2.39 -10.39	41.21 1.79 -10.04	32.05 1.68 -3.69	28.36 1.48 -4.79	26.45 1.54 -2.22	25.71 1.40 -4.28	21.41 1.33 -0.20	18.61 1.14 -0.20	24.38 1.39 -2.51	30.15 1.77 -3.49	43.87 1.69 -17.72	59.18 1.35 -38.23	51.69 1.50 -29.63	33.59 1.57 -9.64	31.37 1.19 -11.92	25.79 0.68 -14.53	21.76 0.35 -15.42
RANKINE____ 23646	24.05 0.36 0.00	21.12 0.41 0.00	20.17 0.45 0.00	19.79 0.35 0.00	19.32 0.17 0.00	22.70 0.22 0.00	34.63 -0.67 -0.10	40.57 -1.49 -2.92	31.41 -0.94 -2.97	27.23 -0.51 -1.06	23.17 -0.35 -1.43	23.19 -0.14 -0.64	21.22 -0.12 -1.30	19.86 -0.08 -0.07	17.33 0.00 -0.06	21.03 -0.23 -0.77	25.44 -0.45 -0.99	29.13 -0.66 -5.33	30.56 -0.63 -11.59	29.20 -0.33 -8.97	25.01 -0.29 -2.92	21.69 -0.24 -3.67	15.20 0.03 -4.59	11.03 0.13 -4.92
RAVENSWOOD_GT2_1 24244	25.09 1.40 0.00	21.87 1.16 0.00	20.74 1.03 0.00	20.49 1.05 0.00	20.18 1.03 0.00	23.76 1.28 0.00	38.09 2.50 -0.40	53.45 2.86 -11.45	42.64 2.26 -11.00	32.90 2.16 -4.06	29.23 1.90 -5.24	27.16 2.02 -2.45	27.26 1.80 -5.42	26.68 1.71 -5.10	27.09 1.45 -8.37	27.52 1.82 -5.22	30.99 2.24 -3.85	45.97 2.10 -19.40	63.07 1.67 -41.81	54.76 1.79 -32.41	34.77 1.84 -10.54	32.69 1.42 -13.01	27.24 0.85 -15.81	23.18 0.42 -16.77
RAVENSWOOD_GT2_2 24245	25.09 1.40 0.00	21.87 1.16 0.00	20.74 1.03 0.00	20.49 1.05 0.00	20.18 1.03 0.00	23.76 1.28 0.00	38.09 2.50 -0.40	53.45 2.86 -11.45	42.64 2.26 -11.00	32.90 2.16 -4.06	29.23 1.90 -5.24	27.16 2.02 -2.45	27.26 1.80 -5.42	26.68 1.71 -5.10	27.09 1.45 -8.37	27.52 1.82 -5.22	30.99 2.24 -3.85	45.97 2.10 -19.40	63.07 1.67 -41.81	54.76 1.79 -32.41	34.77 1.84 -10.54	32.69 1.42 -13.01	27.24 0.85 -15.81	23.18 0.42 -16.77
RAVENSWOOD_GT2_3 24246	25.09 1.40 0.00	21.87 1.16 0.00	20.74 1.03 0.00	20.49 1.05 0.00	20.20 1.05 0.00	23.76 1.28 0.00	38.09 2.50 -0.40	53.48 2.90 -11.45	42.64 2.26 -11.00	32.90 2.16 -4.06	29.25 1.92 -5.24	27.14 2.00 -2.45	27.23 1.80 -5.40	26.52 1.69 -4.95	26.83 1.45 -8.11	27.44 1.82 -5.15	30.99 2.24 -3.85	45.97 2.10 -19.40	63.07 1.67 -41.81	54.78 1.81 -32.41	34.77 1.84 -10.54	32.71 1.44 -13.01	27.24 0.85 -15.81	23.18 0.42 -16.77
RAVENSWOOD_GT2_4 24247	25.09 1.40 0.00	21.87 1.16 0.00	20.74 1.03 0.00	20.49 1.05 0.00	20.20 1.05 0.00	23.76 1.28 0.00	38.09 2.50 -0.40	53.48 2.90 -11.45	42.64 2.26 -11.00	32.90 2.16 -4.06	29.25 1.92 -5.24	27.14 2.00 -2.45	27.23 1.80 -5.40	26.52 1.69 -4.95	26.83 1.45 -8.11	27.44 1.82 -5.15	30.99 2.24 -3.85	45.97 2.10 -19.40	63.07 1.67 -41.81	54.78 1.81 -32.41	34.77 1.84 -10.54	32.71 1.44 -13.01	27.24 0.85 -15.81	23.18 0.42 -16.77
RAVENSWOOD_GT3_1 24248	25.09 1.40 0.00	21.87 1.16 0.00	20.74 1.03 0.00	20.49 1.05 0.00	20.18 1.03 0.00	23.76 1.28 0.00	38.09 2.50 -0.40	53.45 2.86 -11.45	42.64 2.26 -11.00	32.90 2.16 -4.06	29.23 1.90 -5.24	27.14 2.00 -2.45	27.26 1.80 -5.43	26.70 1.69 -5.13	27.14 1.45 -8.42	27.54 1.82 -5.24	30.99 2.24 -3.85	45.97 2.10 -19.40	63.07 1.67 -41.81	54.76 1.79 -32.41	34.77 1.84 -10.54	32.69 1.42 -13.01	27.23 0.84 -15.81	23.18 0.42 -16.77
RAVENSWOOD_GT3_2 24249	25.09 1.40 0.00	21.87 1.16 0.00	20.74 1.03 0.00	20.49 1.05 0.00	20.18 1.03 0.00	23.76 1.28 0.00	38.09 2.50 -0.40	53.45 2.86 -11.45	42.64 2.26 -11.00	32.90 2.16 -4.06	29.23 1.90 -5.24	27.14 2.00 -2.45	27.26 1.80 -5.43	26.70 1.69 -5.13	27.14 1.45 -8.42	27.54 1.82 -5.24	30.99 2.24 -3.85	45.97 2.10 -19.40	63.07 1.67 -41.81	54.76 1.79 -32.41	34.77 1.84 -10.54	32.69 1.42 -13.01	27.23 0.84 -15.81	23.18 0.42 -16.77
RAVENSWOOD_GT3_3 24250	25.12 1.42 0.00	21.89 1.18 0.00	20.76 1.04 0.00	20.51 1.07 0.00	20.20 1.05 0.00	23.78 1.30 0.00	38.13 2.53 -0.40	53.52 2.94 -11.45	42.67 2.29 -11.00	32.95 2.21 -4.06	29.27 1.94 -5.24	27.18 2.04 -2.45	27.28 1.82 -5.42	26.70 1.73 -5.10	27.10 1.47 -8.36	27.54 1.84 -5.22	31.01 2.27 -3.85	46.02 2.15 -19.40	63.11 1.70 -41.81	54.80 1.83 -32.41	34.79 1.86 -10.54	32.73 1.46 -13.01	27.25 0.86 -15.81	23.18 0.43 -16.77
RAVENSWOOD_GT3_4 24251	25.12 1.42 0.00	21.89 1.18 0.00	20.76 1.04 0.00	20.51 1.07 0.00	20.20 1.05 0.00	23.78 1.30 0.00	38.13 2.53 -0.40	53.52 2.94 -11.45	42.67 2.29 -11.00	32.95 2.21 -4.06	29.27 1.94 -5.24	27.18 2.04 -2.45	27.28 1.82 -5.42	26.70 1.73 -5.10	27.10 1.47 -8.36	27.54 1.84 -5.22	31.01 2.27 -3.85	46.02 2.15 -19.40	63.11 1.70 -41.81	54.80 1.83 -32.41	34.79 1.86 -10.54	32.73 1.46 -13.01	27.25 0.86 -15.81	23.18 0.43 -16.77
RAVENSWOOD_GT_1 23729	25.09 1.40 0.00	21.87 1.16 0.00	20.72 1.01 0.00	20.43 0.99 0.00	20.14 1.00 0.00	23.67 1.19 0.00	37.95 2.36 -0.40	53.33 2.74 -11.45	42.58 2.20 -11.00	32.84 2.11 -4.06	29.23 1.90 -5.24	27.14 2.00 -2.45	27.24 1.78 -5.43	26.69 1.69 -5.13	27.12 1.43 -8.42	27.52 1.80 -5.24	30.99 2.24 -3.85	45.94 2.08 -19.40	63.02 1.61 -41.81	54.69 1.73 -32.41	34.68 1.75 -10.54	32.64 1.37 -13.01	27.23 0.84 -15.81	23.17 0.41 -16.77



RAVENSWOOD_GT_10 24258	25.09 1.40 0.00	21.87 1.16 0.00	20.74 1.03 0.00	20.49 1.05 0.00	20.18 1.03 0.00	23.76 1.28 0.00	38.09 2.50 -0.40	53.45 2.86 -11.45	42.64 2.26 -11.00	32.90 2.16 -4.06	29.23 1.90 -5.24	27.16 2.02 -2.45	27.26 1.80 -5.42	26.68 1.71 -5.10	27.09 1.45 -8.37	27.52 1.82 -5.22	30.99 2.24 -3.85	45.97 2.10 -19.40	63.07 1.67 -41.81	54.76 1.79 -32.41	34.77 1.84 -10.54	32.69 1.42 -13.01	27.24 0.85 -15.81	23.18 0.42 -16.77
RAVENSWOOD_GT_11 24259	25.09 1.40 0.00	21.87 1.16 0.00	20.74 1.03 0.00	20.49 1.05 0.00	20.18 1.03 0.00	23.76 1.28 0.00	38.09 2.50 -0.40	53.45 2.86 -11.45	42.64 2.26 -11.00	32.90 2.16 -4.06	29.23 1.90 -5.24	27.16 2.02 -2.45	27.26 1.80 -5.42	26.68 1.71 -5.10	27.09 1.45 -8.37	27.52 1.82 -5.23	30.99 2.24 -3.85	45.97 2.10 -19.40	63.07 1.67 -41.81	54.76 1.79 -32.41	34.77 1.84 -10.54	32.69 1.42 -13.01	27.24 0.85 -15.81	23.18 0.42 -16.77
RAVENSWOOD_GT_4 24252	25.09 1.40 0.00	21.87 1.16 0.00	20.74 1.03 0.00	20.49 1.05 0.00	20.20 1.05 0.00	23.76 1.28 0.00	38.09 2.50 -0.40	53.48 2.90 -11.45	42.64 2.26 -11.00	32.90 2.16 -4.06	29.25 1.92 -5.24	27.16 2.02 -2.45	27.26 1.80 -5.42	26.68 1.71 -5.10	27.09 1.45 -8.37	27.52 1.82 -5.22	30.99 2.24 -3.85	45.97 2.10 -19.40	63.07 1.67 -41.81	54.78 1.81 -32.41	34.77 1.84 -10.54	32.71 1.44 -13.01	27.24 0.85 -15.81	23.18 0.42 -16.77
RAVENSWOOD_GT_5 24254	25.09 1.40 0.00	21.87 1.16 0.00	20.74 1.03 0.00	20.49 1.05 0.00	20.20 1.05 0.00	23.76 1.28 0.00	38.09 2.50 -0.40	53.48 2.90 -11.45	42.64 2.26 -11.00	32.90 2.16 -4.06	29.25 1.92 -5.24	27.16 2.02 -2.45	27.26 1.80 -5.42	26.68 1.71 -5.10	27.09 1.45 -8.37	27.52 1.82 -5.22	30.99 2.24 -3.85	45.97 2.10 -19.40	63.07 1.67 -41.81	54.78 1.81 -32.41	34.77 1.84 -10.54	32.71 1.44 -13.01	27.24 0.85 -15.81	23.18 0.42 -16.77
RAVENSWOOD_GT_6 24253	25.09 1.40 0.00	21.87 1.16 0.00	20.74 1.03 0.00	20.49 1.05 0.00	20.20 1.05 0.00	23.76 1.28 0.00	38.09 2.50 -0.40	53.48 2.90 -11.45	42.64 2.26 -11.00	32.90 2.16 -4.06	29.25 1.92 -5.24	27.16 2.02 -2.45	27.26 1.80 -5.42	26.68 1.71 -5.10	27.09 1.45 -8.37	27.52 1.82 -5.22	30.99 2.24 -3.85	45.97 2.10 -19.40	63.07 1.67 -41.81	54.78 1.81 -32.41	34.77 1.84 -10.54	32.71 1.44 -13.01	27.24 0.85 -15.81	23.18 0.42 -16.77
RAVENSWOOD_GT_7 24255	25.09 1.40 0.00	21.87 1.16 0.00	20.74 1.03 0.00	20.49 1.05 0.00	20.20 1.05 0.00	23.76 1.28 0.00	38.09 2.50 -0.40	53.48 2.90 -11.45	42.64 2.26 -11.00	32.90 2.16 -4.06	29.25 1.92 -5.24	27.16 2.02 -2.45	27.26 1.80 -5.42	26.68 1.71 -5.10	27.09 1.45 -8.37	27.52 1.82 -5.22	30.99 2.24 -3.85	45.97 2.10 -19.40	63.07 1.67 -41.81	54.78 1.81 -32.41	34.77 1.84 -10.54	32.71 1.44 -13.01	27.24 0.85 -15.81	23.18 0.42 -16.77
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	25.09 1.40 0.00	21.87 1.16 0.00	20.74 1.03 0.00	20.49 1.05 0.00	20.18 1.03 0.00	23.76 1.28 0.00	38.09 2.50 -0.40	53.45 2.86 -11.45	42.64 2.26 -11.00	32.90 2.16 -4.06	29.23 1.90 -5.24	27.16 2.02 -2.45	27.26 1.80 -5.42	26.68 1.71 -5.10	27.09 1.45 -8.37	27.52 1.82 -5.22	30.99 2.24 -3.85	45.97 2.10 -19.40	63.07 1.67 -41.81	54.76 1.79 -32.41	34.77 1.84 -10.54	32.69 1.42 -13.01	27.24 0.85 -15.81	23.18 0.42 -16.77
RAVENSWOOD_GT_9 24257	25.09 1.40 0.00	21.87 1.16 0.00	20.74 1.03 0.00	20.49 1.05 0.00	20.18 1.03 0.00	23.76 1.28 0.00	38.09 2.50 -0.40	53.45 2.86 -11.45	42.64 2.26 -11.00	32.90 2.16 -4.06	29.23 1.90 -5.24	27.16 2.02 -2.45	27.26 1.80 -5.42	26.68 1.71 -5.10	27.09 1.45 -8.37	27.52 1.82 -5.22	30.99 2.24 -3.85	45.97 2.10 -19.40	63.07 1.67 -41.81	54.76 1.79 -32.41	34.77 1.84 -10.54	32.69 1.42 -13.01	27.24 0.85 -15.81	23.18 0.42 -16.77
RAVENSWOOD___1 23533	25.09 1.40 0.00	21.87 1.16 0.00	20.72 1.00 0.00	20.43 0.99 0.00	20.14 1.00 0.00	23.66 1.19 0.01	38.01 2.43 -0.39	53.32 2.74 -11.44	42.58 2.20 -11.00	32.82 2.08 -4.05	29.23 1.90 -5.24	27.14 2.00 -2.45	27.26 1.80 -5.43	26.69 1.69 -5.13	27.12 1.43 -8.42	27.50 1.78 -5.24	31.00 2.24 -3.86	45.99 2.10 -19.43	63.07 1.61 -41.87	54.65 1.71 -32.38	34.66 1.75 -10.53	32.63 1.37 -13.00	27.21 0.84 -15.79	23.13 0.41 -16.74
RAVENSWOOD___2 23534	25.09 1.40 0.00	21.87 1.16 0.00	20.72 1.00 0.00	20.43 0.99 0.00	20.14 1.00 0.00	23.66 1.19 0.01	38.01 2.43 -0.39	53.32 2.74 -11.44	42.58 2.20 -11.00	32.82 2.08 -4.05	29.23 1.90 -5.24	27.14 2.00 -2.45	27.26 1.80 -5.43	26.69 1.69 -5.13	27.12 1.43 -8.42	27.50 1.78 -5.24	31.00 2.24 -3.86	45.99 2.10 -19.43	63.07 1.61 -41.87	54.65 1.71 -32.38	34.66 1.75 -10.53	32.63 1.37 -13.00	27.21 0.84 -15.79	23.13 0.41 -16.74
RAVENSWOOD___3 23535	25.07 1.37 0.00	21.87 1.16 0.00	20.74 1.02 0.00	20.49 1.05 0.00	20.18 1.03 0.00	23.76 1.28 0.00	38.13 2.54 -0.40	53.44 2.86 -11.45	42.64 2.26 -11.00	32.87 2.14 -4.05	29.23 1.90 -5.24	27.14 2.00 -2.45	27.24 1.80 -5.40	26.56 1.71 -4.98	26.87 1.43 -8.17	27.44 1.80 -5.16	31.00 2.24 -3.86	46.02 2.13 -19.43	63.12 1.66 -41.87	54.73 1.79 -32.38	34.73 1.81 -10.54	32.68 1.42 -13.00	27.21 0.84 -15.79	23.15 0.43 -16.74
RAVENSWOOD___4 23820	25.09 1.40 0.00	21.87 1.16 0.00	20.72 1.00 0.00	20.43 0.99 0.00	20.14 1.00 0.00	23.66 1.19 0.01	38.01 2.43 -0.39	53.32 2.74 -11.44	42.58 2.20 -11.00	32.82 2.08 -4.05	29.23 1.90 -5.24	27.14 2.00 -2.45	27.26 1.80 -5.43	26.69 1.69 -5.13	27.12 1.43 -8.42	27.50 1.78 -5.24	31.00 2.24 -3.86	45.99 2.10 -19.43	63.07 1.61 -41.87	54.65 1.71 -32.38	34.66 1.75 -10.53	32.63 1.37 -13.00	27.21 0.84 -15.79	23.13 0.41 -16.74
RCPL_TRUST___DRP 24196	25.14 1.45 0.00	21.93 1.22 0.00	20.80 1.08 0.00	20.55 1.11 0.00	20.24 1.09 0.00	23.83 1.35 0.00	38.20 2.60 -0.40	53.64 3.05 -11.45	42.76 2.38 -11.00	33.00 2.27 -4.06	29.34 2.01 -5.24	27.25 2.11 -2.45	27.31 1.88 -5.39	26.58 1.79 -4.92	26.85 1.52 -8.06	27.52 1.90 -5.13	31.09 2.34 -3.85	46.06 2.20 -19.40	63.15 1.74 -41.81	54.84 1.87 -32.41	34.86 1.93 -10.54	32.77 1.50 -13.01	27.28 0.88 -15.81	23.20 0.44 -16.77
RED___ROCHESTER 323720	24.10 0.40 0.00	21.06 0.35 0.00	20.05 0.33 0.00	19.75 0.31 0.00	19.36 0.21 0.00	22.79 0.31 0.00	35.67 0.39 -0.09	41.93 0.35 -2.44	32.21 0.35 -2.48	28.07 0.51 -0.88	23.73 0.44 -1.20	23.63 0.41 -0.53	21.52 0.40 -1.09	20.23 0.30 -0.05	17.74 0.41 -0.05	21.51 0.39 -0.65	26.12 0.40 -0.83	29.25 0.34 -4.45	29.53 0.25 -9.68	28.51 0.43 -7.52	25.35 0.52 -2.45	21.74 0.40 -3.08	14.72 0.30 -3.84	10.33 0.23 -4.12
REGAN___SOLAR 323812	25.52 1.82 0.00	22.26 1.55 0.00	21.15 1.44 0.00	20.76 1.32 0.00	20.60 1.45 0.00	24.41 1.93 0.00	38.87 3.27 -0.41	54.77 4.34 -11.29	44.05 2.73 -11.95	33.02 2.19 -4.15	29.12 1.21 -5.82	26.43 1.22 -2.51	26.30 0.90 -5.36	21.36 1.21 -0.28	18.62 1.09 -0.27	24.92 1.23 -3.21	30.31 1.54 -3.87	47.85 1.74 -21.65	68.57 1.53 -47.44	58.87 1.66 -36.64	36.38 2.06 -11.94	35.03 1.55 -15.23	30.81 0.89 -19.34	27.30 0.43 -20.89

RENSSELAER___COGEN 23796	24.21 0.52 0.00	21.19 0.48 0.00	20.13 0.41 0.00	19.87 0.43 0.00	19.61 0.46 0.00	23.04 0.56 0.00	36.74 1.16 -0.38	50.79 1.06 -10.59	41.62 0.68 -11.56	31.42 0.72 -4.02	28.14 0.42 -5.64	25.55 0.43 -2.43	25.57 0.34 -5.20	20.62 0.48 -0.27	17.96 0.43 -0.26	23.93 0.35 -3.11	29.18 0.55 -3.74	46.00 0.59 -20.96	66.01 0.49 -45.92	56.54 0.51 -35.46	34.50 0.56 -11.55	33.36 0.36 -14.74	29.54 0.22 -18.73	26.33 0.11 -20.24
REPUBLIC_115KV_BARTNBRK 55605	25.94 2.25 0.00	22.68 1.97 0.00	21.69 1.97 0.00	21.23 1.79 0.00	21.18 2.03 0.00	25.08 2.61 0.00	40.38 4.79 -0.40	55.42 5.28 -11.00	44.69 3.55 -11.76	33.74 2.99 -4.07	30.08 2.25 -5.74	27.22 2.06 -2.46	26.90 1.56 -5.30	21.86 1.71 -0.28	18.97 1.43 -0.27	25.31 1.66 -3.18	30.86 2.19 -3.77	48.10 2.30 -21.34	68.37 1.96 -46.82	59.15 2.41 -36.18	36.73 2.55 -11.79	35.20 1.86 -15.08	30.94 1.13 -19.23	27.38 0.59 -20.80
REVERE_CPPR_DRP 24186	24.62 0.92 0.00	21.48 0.77 0.00	20.41 0.69 0.00	20.10 0.66 0.00	19.86 0.71 0.00	23.38 0.90 0.00	36.56 1.34 -0.03	41.78 1.72 -0.92	31.52 1.20 -0.94	27.95 0.93 -0.33	23.05 0.51 -0.45	23.43 0.54 -0.20	20.84 0.40 -0.41	20.41 0.52 -0.02	17.70 0.41 -0.02	21.19 0.47 -0.24	25.93 0.72 -0.31	27.02 0.88 -1.68	23.95 0.71 -3.65	24.08 0.70 -2.82	24.02 0.72 -0.92	20.12 0.71 -1.16	12.37 0.34 -1.44	7.72 0.19 -1.55
REYNOLDS_115KV_TB3 80639	24.38 0.69 0.00	21.33 0.62 0.00	20.27 0.55 0.00	20.00 0.56 0.00	19.76 0.61 0.00	23.22 0.74 0.00	36.94 1.37 -0.38	50.93 1.45 -10.35	41.82 1.23 -11.21	31.58 1.07 -3.83	28.47 0.88 -5.49	25.85 0.84 -2.33	25.94 0.80 -5.11	20.96 0.81 -0.27	18.24 0.71 -0.26	24.37 0.82 -3.07	29.44 1.05 -3.50	45.86 1.08 -20.33	65.25 0.88 -44.77	56.06 0.93 -34.58	34.66 1.01 -11.27	33.49 0.71 -14.52	29.70 0.42 -18.69	26.52 0.24 -20.29
RIVERBAY____ 323610	25.35 1.66 0.00	22.06 1.35 0.00	20.90 1.18 0.00	20.59 1.15 0.00	20.28 1.13 0.00	23.76 1.28 0.00	38.13 2.53 -0.40	53.45 2.86 -11.45	42.70 2.32 -11.00	32.92 2.19 -4.06	29.21 1.88 -5.24	27.18 2.04 -2.45	26.48 1.76 -4.68	21.85 1.73 -0.25	19.00 1.49 -0.25	25.02 1.78 -2.76	30.89 2.14 -3.85	46.02 2.15 -19.40	63.02 1.61 -41.81	54.65 1.69 -32.41	34.63 1.70 -10.54	32.68 1.41 -13.01	27.30 0.90 -15.81	23.20 0.45 -16.77
RIVERSDE_115KV_TB3 55908	24.31 0.62 0.00	21.27 0.56 0.00	20.21 0.49 0.00	19.94 0.51 0.00	19.69 0.54 0.00	23.15 0.67 0.00	36.84 1.27 -0.38	50.85 1.21 -10.50	41.64 0.91 -11.36	31.44 0.85 -3.91	28.26 0.62 -5.56	25.64 0.59 -2.37	25.72 0.54 -5.15	20.78 0.64 -0.27	18.10 0.57 -0.26	24.12 0.55 -3.09	29.31 0.77 -3.65	46.02 0.81 -20.75	65.84 0.67 -45.58	56.47 0.70 -35.21	34.62 0.76 -11.47	33.49 0.53 -14.70	29.69 0.32 -18.79	26.50 0.17 -20.35
ROARING___BROOK_WT_PWR 323790	23.29 -0.40 0.00	20.32 -0.39 0.00	19.32 -0.39 0.00	19.01 -0.43 0.00	18.67 -0.48 0.00	21.85 -0.63 0.00	34.10 -1.09 0.00	37.81 -1.33 0.00	28.38 -1.00 0.00	25.77 -0.91 0.00	21.43 -0.66 0.00	22.08 -0.61 0.00	19.53 -0.50 0.00	19.40 -0.48 0.00	16.84 -0.43 0.00	19.94 -0.53 0.00	24.17 -0.72 0.00	23.56 -0.90 0.00	18.65 -0.94 0.00	19.35 -1.21 0.00	0.00 -1.43 20.95	0.00 -1.13 17.12	-4.54 -0.66 14.47	0.00 -0.38 5.60
ROCHESRG_115KV_T4 355643	23.86 0.17 0.00	20.85 0.14 0.00	19.87 0.16 0.00	19.57 0.14 0.00	19.19 0.04 0.00	22.57 0.09 0.00	35.38 0.11 -0.09	41.45 -0.12 -2.42	31.84 0.00 -2.47	27.69 0.13 -0.88	23.46 0.18 -1.19	23.44 0.23 -0.53	21.32 0.20 -1.08	20.03 0.10 -0.05	17.55 0.22 -0.05	21.26 0.14 -0.64	25.82 0.10 -0.83	28.94 0.05 -4.43	29.23 0.00 -9.64	28.16 0.14 -7.46	25.04 0.22 -2.43	21.51 0.20 -3.06	14.59 0.19 -3.81	10.24 0.17 -4.09
ROCHESTER_9_IC 23652	24.00 0.31 0.00	20.98 0.27 0.00	19.97 0.26 0.00	19.67 0.23 0.00	19.28 0.13 0.00	22.70 0.22 0.00	35.60 0.32 -0.09	41.73 0.16 -2.44	32.06 0.21 -2.48	27.88 0.32 -0.88	23.62 0.33 -1.20	23.61 0.39 -0.53	21.44 0.32 -1.09	20.15 0.22 -0.05	17.65 0.33 -0.05	21.41 0.29 -0.65	25.97 0.25 -0.83	29.13 0.22 -4.45	29.42 0.14 -9.68	28.36 0.31 -7.49	25.23 0.40 -2.44	21.64 0.31 -3.07	14.67 0.25 -3.83	10.30 0.20 -4.11
ROCKVIEW_13_KV_LD 356306	25.02 1.33 0.00	21.83 1.12 0.00	20.70 0.99 0.00	20.45 1.01 0.00	20.16 1.01 0.00	23.76 1.28 0.00	38.06 2.46 -0.40	53.44 2.86 -11.45	42.58 2.20 -11.00	32.84 2.11 -4.06	29.19 1.86 -5.24	27.10 1.97 -2.44	26.47 1.76 -4.67	21.76 1.67 -0.22	18.90 1.42 -0.21	25.00 1.78 -2.74	30.90 2.17 -3.84	45.92 2.05 -19.40	63.03 1.63 -41.81	54.73 1.77 -32.41	34.77 1.84 -10.54	32.68 1.41 -13.01	27.21 0.81 -15.81	23.17 0.42 -16.77
ROME____115KV_TB2 80656	24.62 0.92 0.00	21.48 0.77 0.00	20.41 0.69 0.00	20.10 0.66 0.00	19.86 0.71 0.00	23.38 0.90 0.00	36.56 1.34 -0.03	41.78 1.72 -0.92	31.52 1.20 -0.94	27.95 0.93 -0.33	23.05 0.51 -0.45	23.43 0.54 -0.20	20.84 0.40 -0.41	20.41 0.52 -0.02	17.70 0.41 -0.02	21.19 0.47 -0.24	25.93 0.72 -0.31	27.02 0.88 -1.68	23.95 0.71 -3.65	24.08 0.70 -2.82	24.02 0.72 -0.92	20.12 0.71 -1.16	12.37 0.34 -1.44	7.72 0.19 -1.55
ROSETON___1 23587	24.76 1.07 0.00	21.60 0.89 0.00	20.52 0.81 0.00	20.27 0.84 0.00	19.99 0.84 0.00	23.49 1.01 0.00	37.59 2.00 -0.39	52.49 2.23 -11.12	41.80 1.67 -10.75	32.23 1.60 -3.95	28.61 1.39 -5.13	26.54 1.47 -2.38	25.94 1.32 -4.58	21.36 1.27 -0.22	18.55 1.07 -0.21	24.48 1.31 -2.69	30.28 1.64 -3.74	45.06 1.59 -19.01	61.86 1.26 -41.01	53.66 1.36 -31.74	34.12 1.41 -10.33	32.10 1.08 -12.77	26.76 0.62 -15.55	22.82 0.33 -16.51
ROSETON___2 23588	24.76 1.07 0.00	21.60 0.89 0.00	20.52 0.81 0.00	20.27 0.84 0.00	19.99 0.84 0.00	23.49 1.01 0.00	37.59 2.00 -0.39	52.49 2.23 -11.12	41.80 1.67 -10.75	32.23 1.60 -3.95	28.61 1.39 -5.13	26.54 1.47 -2.38	25.94 1.32 -4.58	21.36 1.27 -0.22	18.55 1.07 -0.21	24.48 1.31 -2.69	30.28 1.64 -3.74	45.06 1.59 -19.01	61.86 1.26 -41.01	53.66 1.36 -31.74	34.12 1.41 -10.33	32.10 1.08 -12.77	26.76 0.62 -15.55	22.82 0.33 -16.51
ROTTDAM_115KV_TB3 80664	24.52 0.83 0.00	21.41 0.70 0.00	20.41 0.69 0.00	20.10 0.66 0.00	19.88 0.73 0.00	23.35 0.88 0.00	37.22 1.62 -0.41	52.23 1.80 -11.29	42.60 1.26 -11.96	31.96 1.12 -4.16	28.82 0.91 -5.83	26.09 0.88 -2.52	26.20 0.80 -5.37	20.98 0.83 -0.28	18.24 0.71 -0.27	24.51 0.82 -3.21	29.79 1.02 -3.88	47.16 1.03 -21.68	67.92 0.84 -47.48	58.17 0.90 -36.70	35.35 1.01 -11.96	34.25 0.75 -15.25	30.38 0.44 -19.36	27.14 0.25 -20.91
RUSSELL___1 23602	24.10 0.40 0.00	21.06 0.35 0.00	20.05 0.34 0.00	19.75 0.31 0.00	19.36 0.21 0.00	22.79 0.31 0.00	35.77 0.49 -0.09	41.93 0.35 -2.44	32.21 0.35 -2.48	28.02 0.45 -0.88	23.73 0.44 -1.20	23.72 0.50 -0.53	21.54 0.42 -1.09	20.24 0.32 -0.05	17.74 0.41 -0.05	21.51 0.39 -0.65	26.12 0.40 -0.83	29.25 0.34 -4.45	29.53 0.25 -9.68	28.48 0.43 -7.49	25.36 0.54 -2.44	21.73 0.40 -3.07	14.71 0.30 -3.83	10.32 0.23 -4.11

RUSSELL___2 23532	24.10 0.40 0.00	21.06 0.35 0.00	20.05 0.34 0.00	19.75 0.31 0.00	19.36 0.21 0.00	22.79 0.31 0.00	35.77 0.49 -0.09	41.93 0.35 -2.44	32.21 0.35 -2.48	28.02 0.45 -0.88	23.73 0.44 -1.20	23.72 0.50 -0.53	21.54 0.42 -1.09	20.24 0.32 -0.05	17.74 0.41 -0.05	21.51 0.39 -0.65	26.12 0.40 -0.83	29.25 0.34 -4.45	29.53 0.25 -9.68	28.48 0.43 -7.49	25.36 0.54 -2.44	21.73 0.40 -3.07	14.71 0.30 -3.83	10.32 0.23 -4.11
RUSSELL___3 23549	24.10 0.40 0.00	21.06 0.35 0.00	20.05 0.34 0.00	19.75 0.31 0.00	19.36 0.21 0.00	22.79 0.31 0.00	35.77 0.49 -0.09	41.93 0.35 -2.44	32.21 0.35 -2.48	28.02 0.45 -0.88	23.73 0.44 -1.20	23.72 0.50 -0.53	21.54 0.42 -1.09	20.24 0.32 -0.05	17.74 0.41 -0.05	21.51 0.39 -0.65	26.12 0.40 -0.83	29.25 0.34 -4.45	29.53 0.25 -9.68	28.48 0.43 -7.49	25.36 0.54 -2.44	21.73 0.40 -3.07	14.71 0.30 -3.83	10.32 0.23 -4.11
RUSSELL___4 23556	24.10 0.40 0.00	21.06 0.35 0.00	20.05 0.34 0.00	19.75 0.31 0.00	19.36 0.21 0.00	22.79 0.31 0.00	35.77 0.49 -0.09	41.93 0.35 -2.44	32.21 0.35 -2.48	28.02 0.45 -0.88	23.73 0.44 -1.20	23.72 0.50 -0.53	21.54 0.42 -1.09	20.24 0.32 -0.05	17.74 0.41 -0.05	21.51 0.39 -0.65	26.12 0.40 -0.83	29.25 0.34 -4.45	29.53 0.25 -9.68	28.48 0.43 -7.49	25.36 0.54 -2.44	21.73 0.40 -3.07	14.71 0.30 -3.83	10.32 0.23 -4.11
RUSSELL___STATION 23914	24.10 0.40 0.00	21.06 0.35 0.00	20.05 0.34 0.00	19.75 0.31 0.00	19.36 0.21 0.00	22.79 0.31 0.00	35.77 0.49 -0.09	41.93 0.35 -2.44	32.21 0.35 -2.48	28.02 0.45 -0.88	23.73 0.44 -1.20	23.72 0.50 -0.53	21.54 0.42 -1.09	20.24 0.32 -0.05	17.74 0.41 -0.05	21.51 0.39 -0.65	26.12 0.40 -0.83	29.25 0.34 -4.45	29.53 0.25 -9.68	28.48 0.43 -7.49	25.36 0.54 -2.44	21.73 0.40 -3.07	14.71 0.30 -3.83	10.32 0.23 -4.11
S SALMON___HYD 24043	23.65 -0.05 0.00	20.65 -0.06 0.00	19.64 -0.08 0.00	19.34 -0.10 0.00	19.07 -0.08 0.00	22.43 -0.04 0.00	35.08 -0.18 -0.06	40.63 -0.16 -1.65	30.91 -0.15 -1.68	27.12 -0.16 -0.60	22.66 -0.24 -0.81	22.78 -0.27 -0.36	20.53 -0.24 -0.74	19.67 -0.24 -0.04	17.10 -0.21 -0.04	20.63 -0.29 -0.44	25.16 -0.30 -0.56	27.28 -0.20 -3.01	26.03 -0.12 -6.55	25.53 -0.10 -5.08	23.18 -0.07 -0.86	19.69 0.00 -1.44	12.61 -0.02 -2.05	8.55 -0.01 -2.57
S.PERRY___115KV_TB1 80734	24.93 1.23 0.00	21.77 1.06 0.00	20.72 1.01 0.00	20.39 0.95 0.00	19.97 0.82 0.00	23.58 1.10 0.00	36.88 1.58 -0.11	43.71 1.60 -2.97	33.54 1.15 -3.02	28.85 1.09 -1.08	24.34 0.80 -1.46	24.22 0.88 -0.65	22.06 0.70 -1.33	20.59 0.66 -0.07	18.02 0.69 -0.06	22.00 0.74 -0.79	26.78 0.87 -1.01	30.78 0.91 -5.42	32.11 0.73 -11.79	30.69 1.01 -9.12	26.50 1.14 -2.97	22.93 0.93 -3.74	15.81 0.56 -4.66	11.36 0.38 -5.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	23.76 0.07 0.00	20.88 0.17 0.00	19.93 0.22 0.00	19.57 0.14 0.00	19.11 -0.04 0.00	22.41 -0.07 0.00	34.45 -0.84 -0.10	40.28 -1.72 -2.86	31.18 -1.12 -2.92	27.05 -0.67 -1.04	23.03 -0.46 -1.41	23.06 -0.25 -0.63	21.11 -0.20 -1.28	19.70 -0.24 -0.06	17.28 -0.05 -0.06	20.93 -0.31 -0.76	25.27 -0.60 -0.98	28.88 -0.81 -5.23	30.23 -0.74 -11.38	28.94 -0.43 -8.81	24.87 -0.38 -2.87	21.59 -0.27 -3.61	15.10 0.01 -4.50	10.93 0.11 -4.83
SAWYER___23_KV_LOAD 55526	23.76 0.07 0.00	20.88 0.17 0.00	19.93 0.22 0.00	19.57 0.14 0.00	19.11 -0.04 0.00	22.41 -0.07 0.00	34.45 -0.84 -0.10	40.28 -1.72 -2.86	31.18 -1.12 -2.92	27.05 -0.67 -1.04	23.03 -0.46 -1.41	23.06 -0.25 -0.63	21.11 -0.20 -1.28	19.70 -0.24 -0.06	17.28 -0.05 -0.06	20.93 -0.31 -0.76	25.27 -0.60 -0.98	28.88 -0.81 -5.23	30.23 -0.74 -11.38	28.94 -0.43 -8.81	24.87 -0.38 -2.87	21.59 -0.27 -3.61	15.10 0.01 -4.50	10.93 0.11 -4.83
SELKIRK___I 23801	24.45 0.76 0.00	21.39 0.68 0.00	20.35 0.63 0.00	20.04 0.60 0.00	19.59 0.44 0.00	22.99 0.52 0.00	36.71 1.13 -0.39	51.15 1.09 -10.91	42.09 1.09 -11.63	31.77 1.01 -4.08	28.49 0.75 -5.65	25.90 0.75 -2.47	25.86 0.64 -5.18	20.85 0.71 -0.27	18.15 0.62 -0.26	24.23 0.66 -3.09	29.60 0.89 -3.81	46.36 0.91 -21.00	66.24 0.74 -45.90	56.82 0.80 -35.46	34.81 0.87 -11.55	33.56 0.64 -14.67	29.49 0.39 -18.52	26.16 0.22 -19.95
SELKIRK___II 23799	24.31 0.62 0.00	21.25 0.54 0.00	20.21 0.49 0.00	19.94 0.50 0.00	19.67 0.52 0.00	23.08 0.61 0.00	36.85 1.27 -0.39	51.29 1.25 -10.89	41.98 0.91 -11.69	31.65 0.88 -4.09	28.41 0.64 -5.68	25.82 0.66 -2.47	25.82 0.56 -5.22	20.78 0.64 -0.27	18.08 0.55 -0.26	24.17 0.57 -3.12	29.48 0.77 -3.81	46.37 0.78 -21.13	66.44 0.63 -46.22	56.94 0.68 -35.70	34.75 0.74 -11.63	33.58 0.53 -14.79	29.61 0.32 -18.71	26.33 0.17 -20.18
SENECA OSWGO___HYD 24041	23.60 -0.09 0.00	20.61 -0.10 0.00	19.62 -0.10 0.00	19.34 -0.10 0.00	19.03 -0.11 0.00	22.39 -0.09 0.00	34.91 -0.35 -0.07	40.71 -0.27 -1.84	31.04 -0.20 -1.87	27.21 -0.13 -0.67	22.77 -0.22 -0.90	22.93 -0.16 -0.40	20.65 -0.20 -0.82	19.75 -0.16 -0.04	17.19 -0.12 -0.04	20.82 -0.14 -0.49	25.25 -0.27 -0.63	27.57 -0.24 -3.36	26.74 -0.16 -7.30	26.09 -0.12 -5.65	24.25 0.02 -1.84	20.63 0.05 -2.32	13.49 0.02 -2.89	9.10 0.02 -3.10
SENECA___115KV_TB3 355854	24.10 0.40 0.00	21.14 0.43 0.00	20.21 0.49 0.00	19.83 0.39 0.00	19.36 0.21 0.00	22.72 0.25 0.00	34.70 -0.60 -0.10	40.65 -1.41 -2.92	31.46 -0.88 -2.97	27.26 -0.48 -1.06	23.21 -0.31 -1.43	23.21 -0.11 -0.64	21.26 -0.08 -1.30	19.90 -0.04 -0.07	17.37 0.03 -0.06	21.07 -0.18 -0.77	25.46 -0.42 -0.99	29.15 -0.64 -5.33	30.58 -0.61 -11.59	29.24 -0.29 -8.97	25.04 -0.27 -2.92	21.73 -0.20 -3.67	15.21 0.04 -4.59	11.04 0.14 -4.92
SENECA___ENERGY 23797	24.12 0.43 0.00	21.06 0.35 0.00	20.05 0.33 0.00	19.73 0.29 0.00	19.42 0.27 0.00	22.88 0.41 0.00	35.67 0.39 -0.09	42.21 0.51 -2.57	32.43 0.44 -2.61	28.12 0.51 -0.93	23.64 0.29 -1.26	23.63 0.39 -0.56	21.42 0.24 -1.15	20.17 0.24 -0.06	17.55 0.22 -0.06	21.42 0.27 -0.68	26.04 0.27 -0.87	29.44 0.29 -4.68	30.08 0.29 -10.19	28.83 0.39 -7.88	25.47 0.52 -2.57	21.87 0.38 -3.23	14.84 0.22 -4.03	10.46 0.16 -4.32
SHOEMAKER___GT 23640	25.09 1.40 0.00	21.89 1.18 0.00	20.80 1.08 0.00	20.51 1.07 0.00	20.20 1.05 0.00	23.65 1.17 0.00	38.09 2.54 -0.36	52.15 2.74 -10.27	41.20 1.88 -9.94	32.01 1.68 -3.65	28.29 1.46 -4.75	26.33 1.45 -2.20	25.62 1.34 -4.24	21.37 1.29 -0.20	18.59 1.12 -0.20	24.32 1.35 -2.49	30.22 1.87 -3.46	43.95 1.91 -17.58	59.04 1.53 -37.92	50.06 1.30 -28.20	32.90 1.34 -9.18	30.62 1.02 -11.34	24.96 0.57 -13.81	20.94 0.30 -14.65
SHOEMAKR_138KV_BK 111 55601	25.09 1.40 0.00	21.87 1.16 0.00	20.78 1.06 0.00	20.51 1.07 0.00	20.20 1.05 0.00	23.65 1.17 0.00	37.95 2.39 -0.36	52.11 2.70 -10.27	41.23 1.91 -9.94	32.01 1.68 -3.65	28.29 1.46 -4.75	26.33 1.45 -2.19	25.62 1.34 -4.24	21.37 1.29 -0.20	18.59 1.12 -0.20	24.36 1.39 -2.49	30.18 1.84 -3.45	43.89 1.88 -17.55	58.97 1.51 -37.87	51.20 1.30 -29.34	33.30 1.37 -9.55	31.09 1.02 -11.81	25.57 0.58 -14.41	21.59 0.31 -15.30

SHOREHAM_IC_1 23715	25.88 2.18 -0.01	22.44 1.72 -0.01	21.27 1.56 0.00	21.28 1.65 -0.19	23.26 1.59 -2.52	24.51 2.02 -0.01	39.44 3.84 -0.41	53.64 3.05 -11.45	42.81 2.44 -11.00	33.56 2.77 -4.10	30.95 2.74 -6.12	30.61 2.52 -5.40	30.49 2.59 -7.87	32.23 1.85 -10.51	37.37 1.45 -18.65	28.18 2.33 -5.37	36.61 3.21 -8.50	46.81 2.88 -19.47	71.58 2.33 -49.65	59.19 2.51 -36.13	42.46 2.46 -17.62	37.56 1.88 -17.43	34.44 1.13 -22.73	27.80 0.63 -21.19
SHOREHAM_IC_2 23716	25.88 2.18 -0.01	22.44 1.72 -0.01	21.27 1.56 0.00	21.28 1.65 -0.19	23.26 1.59 -2.52	24.51 2.02 -0.01	39.44 3.84 -0.41	53.64 3.05 -11.45	42.81 2.44 -11.00	33.56 2.77 -4.10	30.95 2.74 -6.12	30.61 2.52 -5.40	30.49 2.59 -7.87	32.23 1.85 -10.51	37.37 1.45 -18.65	28.18 2.33 -5.37	36.61 3.21 -8.50	46.81 2.88 -19.47	71.58 2.33 -49.65	59.19 2.51 -36.13	42.46 2.46 -17.62	37.56 1.88 -17.43	34.44 1.13 -22.73	27.80 0.63 -21.19
SISSONVILLE____ 23735	23.43 -0.26 0.00	20.52 -0.19 0.00	19.56 -0.16 0.00	19.26 -0.17 0.00	18.98 -0.17 0.00	22.12 -0.36 0.00	34.11 -1.09 -0.01	38.14 -1.33 -0.33	28.66 -1.06 -0.34	25.63 -1.17 -0.12	21.15 -1.10 -0.16	21.60 -1.16 -0.07	19.06 -1.12 -0.15	18.85 -1.03 -0.01	16.33 -0.95 -0.01	19.48 -1.09 -0.09	23.74 -1.27 -0.11	23.98 -1.10 -0.62	20.07 -0.86 -1.34	20.55 -1.05 -1.04	12.85 -1.32 8.21	10.72 -0.97 6.56	4.70 -0.51 5.38	4.01 -0.26 1.72
SITHE_IND_GS1 24169	23.29 -0.40 0.00	20.36 -0.35 0.00	19.36 -0.35 0.00	19.09 -0.35 0.00	18.78 -0.36 0.00	22.07 -0.40 0.00	34.44 -0.81 -0.06	39.76 -0.94 -1.56	30.26 -0.71 -1.59	26.66 -0.59 -0.57	22.35 -0.51 -0.77	22.53 -0.50 -0.34	20.29 -0.44 -0.70	19.47 -0.44 -0.03	16.94 -0.36 -0.03	20.44 -0.45 -0.41	24.83 -0.60 -0.53	26.72 -0.59 -2.85	25.35 -0.45 -6.20	24.91 -0.45 -4.81	23.55 -0.40 -1.56	19.97 -0.26 -1.97	12.89 -0.15 -2.46	8.55 -0.07 -2.63
SITHE_IND_GS2 24170	23.29 -0.40 0.00	20.36 -0.35 0.00	19.36 -0.35 0.00	19.09 -0.35 0.00	18.78 -0.36 0.00	22.07 -0.40 0.00	34.44 -0.81 -0.06	39.76 -0.94 -1.56	30.26 -0.71 -1.59	26.66 -0.59 -0.57	22.35 -0.51 -0.77	22.53 -0.50 -0.34	20.29 -0.44 -0.70	19.47 -0.44 -0.03	16.94 -0.36 -0.03	20.44 -0.45 -0.41	24.83 -0.60 -0.53	26.72 -0.59 -2.85	25.35 -0.45 -6.20	24.91 -0.45 -4.81	23.55 -0.40 -1.56	19.97 -0.26 -1.97	12.89 -0.15 -2.46	8.55 -0.07 -2.63
SITHE_IND_GS3 24171	23.29 -0.40 0.00	20.36 -0.35 0.00	19.36 -0.35 0.00	19.09 -0.35 0.00	18.78 -0.36 0.00	22.07 -0.40 0.00	34.44 -0.81 -0.06	39.76 -0.94 -1.56	30.26 -0.71 -1.59	26.66 -0.59 -0.57	22.35 -0.51 -0.77	22.53 -0.50 -0.34	20.29 -0.44 -0.70	19.47 -0.44 -0.03	16.94 -0.36 -0.03	20.44 -0.45 -0.41	24.83 -0.60 -0.53	26.72 -0.59 -2.85	25.35 -0.45 -6.20	24.91 -0.45 -4.81	23.55 -0.40 -1.56	19.97 -0.26 -1.97	12.89 -0.15 -2.46	8.55 -0.07 -2.63
SITHE_IND_GS4 24172	23.29 -0.40 0.00	20.36 -0.35 0.00	19.36 -0.35 0.00	19.09 -0.35 0.00	18.78 -0.36 0.00	22.07 -0.40 0.00	34.44 -0.81 -0.06	39.76 -0.94 -1.56	30.26 -0.71 -1.59	26.66 -0.59 -0.57	22.35 -0.51 -0.77	22.53 -0.50 -0.34	20.29 -0.44 -0.70	19.47 -0.44 -0.03	16.94 -0.36 -0.03	20.44 -0.45 -0.41	24.83 -0.60 -0.53	26.72 -0.59 -2.85	25.35 -0.45 -6.20	24.91 -0.45 -4.81	23.55 -0.40 -1.56	19.97 -0.26 -1.97	12.89 -0.15 -2.46	8.55 -0.07 -2.63
SITHE____BATAVIA 24024	24.31 0.62 0.00	21.29 0.58 0.00	20.33 0.61 0.00	20.00 0.56 0.00	19.53 0.38 0.00	22.90 0.43 0.00	35.36 0.07 -0.09	41.74 -0.04 -2.64	32.15 0.09 -2.69	28.01 0.37 -0.96	23.65 0.27 -1.30	23.65 0.39 -0.58	21.45 0.24 -1.18	20.19 0.26 -0.06	17.72 0.40 -0.06	21.49 0.31 -0.70	25.94 0.15 -0.90	29.31 0.02 -4.82	30.07 -0.02 -10.49	28.83 0.27 -8.00	25.42 0.42 -2.61	21.85 0.31 -3.28	14.95 0.27 -4.09	10.65 0.28 -4.39
SITHE____INDEPEND 23800	23.29 -0.40 0.00	20.34 -0.37 0.00	19.36 -0.35 0.00	19.09 -0.35 0.00	18.79 -0.36 0.00	22.07 -0.40 0.00	34.47 -0.77 -0.06	39.76 -0.94 -1.56	30.26 -0.71 -1.59	26.66 -0.59 -0.57	22.35 -0.51 -0.77	22.53 -0.50 -0.34	20.29 -0.44 -0.70	19.47 -0.44 -0.03	16.94 -0.36 -0.03	20.42 -0.47 -0.41	24.83 -0.60 -0.53	26.75 -0.56 -2.85	25.35 -0.45 -6.20	24.91 -0.45 -4.80	23.52 -0.43 -1.56	19.97 -0.26 -1.97	12.89 -0.15 -2.45	8.54 -0.07 -2.63
SITHE____MASSENA 23902	23.50 -0.19 0.00	20.59 -0.12 0.00	19.62 -0.10 0.00	19.34 -0.10 0.00	19.02 -0.13 0.00	22.25 -0.22 0.00	34.63 -0.56 0.00	38.51 -0.63 0.00	28.91 -0.47 0.00	26.09 -0.59 0.00	21.58 -0.51 0.00	22.17 -0.52 0.00	19.51 -0.52 0.00	19.40 -0.48 0.00	16.84 -0.43 0.00	19.99 -0.49 0.00	24.27 -0.62 0.00	23.87 -0.59 0.00	19.15 -0.45 0.00	20.01 -0.55 0.00	10.90 -0.69 10.79	8.87 -0.57 8.82	2.80 -0.33 7.45	2.93 -0.17 2.88
SITHE____OGDNSBRG 24021	24.12 0.43 0.00	21.10 0.39 0.00	20.07 0.35 0.00	19.79 0.35 0.00	19.53 0.38 0.00	22.84 0.36 0.00	35.27 0.07 -0.01	39.63 0.16 -0.33	29.60 -0.12 -0.34	26.32 -0.48 -0.12	21.61 -0.64 -0.16	22.03 -0.73 -0.07	19.44 -0.74 -0.15	19.22 -0.66 -0.01	16.64 -0.64 -0.01	19.89 -0.68 -0.09	24.36 -0.65 -0.11	24.78 -0.29 -0.62	20.74 -0.20 -1.34	21.21 -0.39 -1.04	13.46 -0.72 8.21	11.25 -0.44 6.56	4.97 -0.23 5.38	4.16 -0.11 1.72
SITHE____STERLING 23777	24.52 0.83 0.00	21.39 0.68 0.00	20.33 0.61 0.00	20.04 0.60 0.00	19.78 0.63 0.00	23.26 0.79 0.00	36.28 1.05 -0.04	41.71 1.52 -1.05	31.50 1.06 -1.07	27.94 0.88 -0.38	23.11 0.51 -0.52	23.48 0.57 -0.23	20.92 0.42 -0.47	20.39 0.50 -0.02	17.71 0.41 -0.02	21.31 0.55 -0.28	25.92 0.67 -0.36	27.18 0.81 -1.91	24.41 0.65 -4.17	24.44 0.66 -3.22	24.24 0.80 -1.05	20.23 0.66 -1.32	12.57 0.34 -1.65	7.94 0.19 -1.77
SLEIGHT__34_KV_TB1 80719	23.86 0.17 0.00	20.83 0.12 0.00	19.83 0.12 0.00	19.54 0.10 0.00	19.19 0.04 0.00	22.61 0.13 0.00	35.53 0.25 -0.09	41.72 0.16 -2.43	32.00 0.15 -2.47	27.80 0.24 -0.88	23.41 0.13 -1.19	23.42 0.20 -0.53	21.22 0.10 -1.09	19.99 0.06 -0.05	17.46 0.14 -0.05	21.18 0.06 -0.64	25.77 0.05 -0.83	28.96 0.07 -4.42	29.28 0.06 -9.62	28.17 0.16 -7.45	25.06 0.25 -2.42	21.53 0.22 -3.05	14.54 0.15 -3.81	10.18 0.11 -4.08
SOUTH CAIRO____GT 23612	24.97 1.28 0.00	21.85 1.14 0.00	20.76 1.04 0.00	20.43 0.99 0.00	20.11 0.96 0.00	23.51 1.03 0.00	38.11 2.54 -0.39	52.39 2.51 -10.74	42.22 1.53 -11.32	31.98 1.31 -3.99	28.35 0.77 -5.49	25.82 0.73 -2.41	25.47 0.42 -5.02	20.80 0.68 -0.26	18.05 0.54 -0.25	23.88 0.41 -2.99	29.77 1.15 -3.73	46.13 1.27 -20.39	65.11 1.00 -44.51	56.00 1.05 -34.39	34.64 1.05 -11.20	33.11 0.68 -14.18	28.78 0.36 -17.84	25.35 0.17 -19.19
SOUTH HAMPTN____IC 23720	26.17 2.46 -0.01	22.69 1.97 -0.01	21.49 1.78 0.00	21.49 1.87 -0.19	23.47 1.80 -2.52	24.80 2.32 -0.01	39.97 4.36 -0.41	54.18 3.60 -11.45	43.19 2.82 -11.00	33.90 3.12 -4.10	31.30 3.09 -6.12	30.90 2.81 -5.40	30.81 2.90 -7.87	32.48 2.09 -10.52	37.61 1.66 -18.68	28.42 2.58 -5.36	36.95 3.61 -8.44	47.23 3.30 -19.47	71.82 2.66 -49.56	59.50 2.86 -36.08	42.69 2.78 -17.53	37.76 2.13 -17.37	34.52 1.26 -22.68	27.87 0.69 -21.19

SOUTHDOWN_115KV_TB1 355954	24.59 0.90 0.00	21.58 0.87 0.00	20.58 0.87 0.00	20.18 0.74 0.00	19.70 0.56 0.00	23.20 0.72 0.00	35.16 -0.14 -0.11	41.47 -0.70 -3.04	32.06 -0.41 -3.09	27.70 -0.08 -1.10	23.60 0.02 -1.49	23.62 0.27 -0.67	21.61 0.22 -1.36	20.28 0.34 -0.07	17.59 0.26 -0.07	21.41 0.12 -0.81	25.90 -0.02 -1.04	29.72 -0.29 -5.55	31.32 -0.35 -12.07	29.80 -0.10 -9.34	25.25 -0.18 -3.04	21.85 -0.24 -3.83	15.37 0.01 -4.78	11.22 0.11 -5.12
SOUTHOLD_69_KV_BK 2 55809	26.51 2.82 0.00	22.97 2.26 0.00	21.79 2.07 0.00	21.76 2.14 -0.18	23.71 2.05 -2.51	25.13 2.65 0.00	39.92 4.33 -0.40	54.77 4.19 -11.45	43.61 3.23 -11.00	34.33 3.55 -4.10	31.69 3.49 -6.11	31.26 3.18 -5.39	30.98 3.09 -7.87	32.74 2.34 -10.52	37.88 1.93 -18.68	29.05 3.21 -5.36	37.37 4.06 -8.42	47.57 3.67 -19.44	72.09 3.00 -49.50	59.86 3.21 -36.10	43.38 3.47 -17.53	38.07 2.43 -17.39	34.71 1.43 -22.70	27.99 0.79 -21.21
SOUTHOLD___IC 23719	26.52 2.82 -0.01	22.98 2.26 -0.01	21.79 2.07 0.00	21.76 2.14 -0.19	23.72 2.05 -2.52	25.14 2.65 -0.01	40.60 5.00 -0.41	54.85 4.27 -11.45	43.66 3.29 -11.00	34.36 3.58 -4.10	31.70 3.49 -6.12	31.26 3.18 -5.40	31.11 3.20 -7.87	32.73 2.34 -10.52	37.86 1.92 -18.68	28.73 2.89 -5.36	37.42 4.08 -8.44	47.69 3.77 -19.47	72.19 3.04 -49.56	59.91 3.27 -36.08	43.11 3.20 -17.53	38.09 2.46 -17.37	34.69 1.43 -22.68	27.97 0.79 -21.19
SPIERFLS_115KV_TB 1 80737	24.78 1.09 0.00	21.66 0.95 0.00	20.76 1.04 0.00	20.41 0.97 0.00	20.36 1.21 0.00	24.01 1.53 0.00	38.44 2.85 -0.40	53.34 3.17 -11.03	43.30 2.14 -11.78	32.57 1.81 -4.08	29.27 1.44 -5.75	26.47 1.32 -2.47	26.53 1.18 -5.31	21.38 1.23 -0.28	18.57 1.04 -0.27	24.89 1.23 -3.18	30.17 1.49 -3.78	47.30 1.47 -21.37	67.74 1.25 -46.89	58.15 1.36 -36.23	35.65 1.46 -11.81	34.36 1.00 -15.10	30.43 0.60 -19.24	27.11 0.32 -20.81
ST LAWRENCE____ 23600	23.24 -0.45 0.00	20.36 -0.35 0.00	19.40 -0.32 0.00	19.13 -0.31 0.00	18.80 -0.34 0.00	22.03 -0.45 0.00	34.38 -0.81 0.00	38.20 -0.94 0.00	28.67 -0.71 0.00	25.93 -0.75 0.00	21.49 -0.60 0.00	22.05 -0.64 0.00	19.45 -0.58 0.00	19.32 -0.56 0.00	16.77 -0.50 0.00	19.90 -0.57 0.00	24.17 -0.72 0.00	23.75 -0.71 0.00	19.05 -0.55 0.00	19.90 -0.66 0.00	10.45 -0.78 11.15	8.50 -0.64 9.11	2.50 -0.38 7.70	2.79 -0.21 2.98
STATE_CA_115KV_115_LB 55624	24.31 0.62 0.00	21.29 0.58 0.00	20.21 0.49 0.00	19.92 0.49 0.00	19.69 0.54 0.00	23.15 0.67 0.00	36.88 1.30 -0.39	51.07 1.25 -10.68	41.71 0.88 -11.46	31.45 0.83 -3.95	28.26 0.57 -5.60	25.62 0.54 -2.39	25.72 0.50 -5.18	20.76 0.62 -0.27	18.08 0.55 -0.26	24.10 0.51 -3.11	29.30 0.72 -3.69	46.12 0.76 -20.90	66.10 0.63 -45.88	56.67 0.66 -35.45	34.65 0.72 -11.55	33.54 0.49 -14.79	29.75 0.30 -18.87	26.57 0.16 -20.43
STATE_ST_34_KV_LOAD 55959	24.33 0.64 0.00	21.23 0.52 0.00	20.21 0.49 0.00	19.89 0.45 0.00	19.57 0.42 0.00	23.06 0.58 0.00	36.13 0.84 -0.09	42.71 1.02 -2.56	32.74 0.76 -2.60	28.36 0.75 -0.93	24.01 0.66 -1.26	23.81 0.57 -0.56	21.72 0.54 -1.14	20.37 0.44 -0.06	17.70 0.38 -0.06	21.71 0.55 -0.68	26.44 0.67 -0.87	29.86 0.73 -4.67	30.39 0.65 -10.15	29.18 0.76 -7.86	25.84 0.90 -2.56	22.10 0.62 -3.22	14.94 0.34 -4.02	10.50 0.20 -4.31
STATION 5_MISC_HYD 23604	24.00 0.31 0.00	20.98 0.27 0.00	19.97 0.26 0.00	19.67 0.23 0.00	19.28 0.13 0.00	22.70 0.22 0.00	35.49 0.21 -0.09	41.73 0.16 -2.44	32.06 0.21 -2.48	27.96 0.40 -0.88	23.62 0.33 -1.20	23.51 0.29 -0.53	21.42 0.30 -1.09	20.13 0.20 -0.05	17.65 0.33 -0.05	21.41 0.29 -0.65	25.97 0.25 -0.83	29.11 0.19 -4.45	29.42 0.14 -9.68	28.39 0.31 -7.52	25.21 0.38 -2.45	21.65 0.31 -3.08	14.68 0.25 -3.84	10.31 0.20 -4.12
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	24.19 0.50 0.00	21.12 0.41 0.00	20.11 0.39 0.00	19.81 0.37 0.00	19.44 0.29 0.00	22.93 0.45 0.00	35.95 0.67 -0.09	42.23 0.63 -2.46	32.41 0.53 -2.50	28.16 0.59 -0.89	23.74 0.44 -1.21	23.75 0.52 -0.54	21.51 0.38 -1.10	20.29 0.36 -0.06	17.70 0.38 -0.05	21.48 0.35 -0.65	26.13 0.40 -0.84	29.37 0.42 -4.49	29.70 0.33 -9.77	28.61 0.49 -7.56	25.41 0.56 -2.46	21.83 0.47 -3.10	14.74 0.30 -3.86	10.34 0.21 -4.14
STA_56_34_KV_BUS2_REV_LBMP_B 345033	23.86 0.17 0.00	20.83 0.12 0.00	19.85 0.14 0.00	19.56 0.12 0.00	19.17 0.02 0.00	22.57 0.09 0.00	35.42 0.14 -0.09	41.96 0.39 -2.43	32.23 0.38 -2.47	28.02 0.45 -0.88	23.70 0.42 -1.19	23.72 0.50 -0.53	21.50 0.38 -1.09	20.24 0.32 -0.05	17.72 0.40 -0.05	21.47 0.35 -0.64	26.07 0.35 -0.83	29.21 0.32 -4.43	29.47 0.24 -9.64	28.43 0.41 -7.46	25.29 0.47 -2.43	21.70 0.38 -3.06	14.66 0.26 -3.82	10.28 0.20 -4.09
STA_56___34_KV_BUS2 355983	23.86 0.17 0.00	20.83 0.12 0.00	19.85 0.14 0.00	19.56 0.12 0.00	19.17 0.02 0.00	22.57 0.09 0.00	35.42 0.14 -0.09	41.96 0.39 -2.43	32.23 0.38 -2.47	28.02 0.45 -0.88	23.70 0.42 -1.19	23.72 0.50 -0.53	21.50 0.38 -1.09	20.24 0.32 -0.05	17.72 0.40 -0.05	21.47 0.35 -0.64	26.07 0.35 -0.83	29.21 0.32 -4.43	29.47 0.24 -9.64	28.43 0.41 -7.46	25.29 0.47 -2.43	21.70 0.38 -3.06	14.66 0.26 -3.82	10.28 0.20 -4.09
STA_67___115KV_BK2 355882	23.95 0.26 0.00	20.94 0.23 0.00	19.93 0.22 0.00	19.63 0.19 0.00	19.24 0.10 0.00	22.66 0.18 0.00	35.53 0.25 -0.09	41.65 0.08 -2.43	31.97 0.12 -2.48	27.83 0.27 -0.88	23.55 0.27 -1.20	23.56 0.34 -0.53	21.40 0.28 -1.09	20.11 0.18 -0.05	17.61 0.29 -0.05	21.35 0.23 -0.65	25.92 0.20 -0.83	29.05 0.15 -4.45	29.35 0.08 -9.68	28.29 0.25 -7.49	25.16 0.34 -2.44	21.60 0.27 -3.07	14.64 0.23 -3.83	10.28 0.19 -4.11
STA_7___115KV_9TRANS 80674	24.10 0.40 0.00	21.06 0.35 0.00	20.05 0.34 0.00	19.75 0.31 0.00	19.36 0.21 0.00	22.79 0.31 0.00	35.77 0.49 -0.09	41.93 0.35 -2.44	32.21 0.35 -2.48	28.02 0.45 -0.88	23.73 0.44 -1.20	23.72 0.50 -0.53	21.54 0.42 -1.09	20.24 0.32 -0.05	17.74 0.41 -0.05	21.51 0.39 -0.65	26.12 0.40 -0.83	29.25 0.34 -4.45	29.53 0.25 -9.68	28.48 0.43 -7.49	25.36 0.54 -2.44	21.73 0.40 -3.07	14.71 0.30 -3.83	10.32 0.23 -4.11
STA_82___115KV_TB1 80780	23.95 0.26 0.00	20.94 0.23 0.00	19.95 0.24 0.00	19.65 0.21 0.00	19.26 0.11 0.00	22.68 0.20 0.00	35.53 0.25 -0.09	41.66 0.08 -2.44	32.01 0.15 -2.49	27.86 0.29 -0.89	23.58 0.29 -1.20	23.58 0.36 -0.54	21.43 0.30 -1.09	20.13 0.20 -0.05	17.63 0.31 -0.05	21.37 0.25 -0.65	25.95 0.22 -0.83	29.10 0.17 -4.46	29.41 0.10 -9.71	28.34 0.27 -7.52	25.19 0.36 -2.45	21.63 0.29 -3.08	14.67 0.24 -3.84	10.30 0.20 -4.12
STEEL___WIND 323596	24.07 0.38 0.00	21.12 0.41 0.00	20.19 0.47 0.00	19.81 0.37 0.00	19.34 0.19 0.00	22.70 0.22 0.00	34.42 -0.88 -0.10	40.61 -1.45 -2.92	31.44 -0.91 -2.97	27.34 -0.40 -1.06	23.19 -0.33 -1.43	23.39 0.07 -0.64	21.18 -0.16 -1.30	19.92 -0.02 -0.07	17.35 0.02 -0.06	21.09 -0.16 -0.77	25.44 -0.45 -0.99	29.13 -0.66 -5.33	30.56 -0.63 -11.59	28.97 -0.33 -8.74	24.96 -0.27 -2.85	21.62 -0.22 -3.58	15.08 0.03 -4.47	10.91 0.13 -4.79

STEPHTWN_115KV_BK_2 55603	24.48 0.78 0.00	21.43 0.72 0.00	20.35 0.63 0.00	20.06 0.62 0.00	19.80 0.65 0.00	23.31 0.83 0.00	37.20 1.62 -0.38	51.34 1.60 -10.59	41.76 1.03 -11.35	31.55 0.96 -3.91	28.28 0.64 -5.55	25.65 0.59 -2.37	25.72 0.54 -5.14	20.82 0.68 -0.27	18.13 0.60 -0.26	24.11 0.55 -3.08	29.46 0.82 -3.75	46.34 0.91 -20.98	66.30 0.74 -45.96	56.87 0.78 -35.53	34.81 0.85 -11.57	33.62 0.60 -14.76	29.69 0.36 -18.75	26.43 0.19 -20.26
STEUBEN_REC_LFGE 323667	24.83 1.14 0.00	21.70 0.99 0.00	20.68 0.97 0.00	20.31 0.87 0.00	19.90 0.75 0.00	23.47 0.99 0.00	36.16 0.84 -0.12	43.19 0.63 -3.43	33.42 0.56 -3.49	28.67 0.75 -1.24	24.28 0.51 -1.68	24.12 0.68 -0.75	22.06 0.50 -1.53	20.53 0.58 -0.08	17.86 0.52 -0.07	21.86 0.47 -0.91	26.56 0.50 -1.17	31.13 0.42 -6.25	33.49 0.29 -13.61	31.60 0.51 -10.53	26.44 0.63 -3.43	23.03 0.46 -4.31	16.26 0.30 -5.38	12.00 0.24 -5.77
STILLWATER___SOLAR 323814	24.81 1.11 0.00	21.68 0.97 0.00	20.66 0.95 0.00	20.33 0.89 0.00	20.16 1.01 0.00	23.74 1.26 0.00	37.87 2.29 -0.39	52.59 2.54 -10.90	42.83 1.76 -11.69	32.21 1.49 -4.04	29.01 1.21 -5.71	26.27 1.13 -2.45	26.38 1.06 -5.28	21.22 1.07 -0.28	18.45 0.92 -0.27	24.73 1.09 -3.17	30.00 1.37 -3.74	47.10 1.42 -21.22	67.36 1.18 -46.59	57.83 1.27 -36.00	35.50 1.39 -11.73	34.28 1.00 -15.02	30.36 0.59 -19.18	27.07 0.32 -20.76
STONY___BROOK 24151	25.76 2.06 -0.01	22.37 1.66 -0.01	21.17 1.46 0.00	21.18 1.56 -0.19	23.20 1.53 -2.52	24.42 1.93 -0.01	39.37 3.77 -0.41	53.52 2.94 -11.45	42.72 2.35 -11.00	33.51 2.72 -4.11	30.91 2.69 -6.13	30.58 2.50 -5.40	30.47 2.56 -7.87	32.14 1.77 -10.50	37.28 1.38 -18.63	28.12 2.27 -5.37	37.16 3.11 -9.16	46.72 2.79 -19.47	72.60 2.25 -50.76	59.66 2.45 -36.66	43.37 2.37 -18.62	38.14 1.83 -18.05	34.92 1.11 -23.22	27.78 0.60 -21.19
STURGEON_POOL_HYD 23609	24.90 1.21 0.00	21.70 0.99 0.00	20.62 0.91 0.00	20.37 0.93 0.00	20.11 0.96 0.00	23.53 1.06 0.00	37.79 2.22 -0.38	52.31 2.58 -10.59	41.82 1.91 -10.53	32.24 1.76 -3.80	28.56 1.41 -5.06	26.61 1.63 -2.29	25.84 1.24 -4.57	21.41 1.31 -0.22	18.52 1.04 -0.22	24.43 1.25 -2.70	30.30 1.82 -3.59	44.98 1.71 -18.81	61.55 1.20 -40.76	53.42 1.30 -31.56	34.00 1.34 -10.27	32.15 1.06 -12.83	27.01 0.58 -15.84	23.21 0.31 -16.92
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	24.88 1.18 0.00	21.70 0.99 0.00	20.62 0.91 0.00	20.35 0.91 0.00	20.05 0.90 0.00	23.53 1.06 0.00	37.67 2.11 -0.36	51.85 2.43 -10.28	41.09 1.76 -9.95	31.96 1.63 -3.65	28.21 1.37 -4.75	26.34 1.45 -2.20	25.58 1.30 -4.24	21.35 1.27 -0.20	18.55 1.09 -0.20	24.28 1.31 -2.49	30.01 1.67 -3.45	43.66 1.64 -17.56	58.83 1.33 -37.90	51.30 1.38 -29.37	33.37 1.43 -9.56	31.19 1.11 -11.82	25.63 0.63 -14.42	21.62 0.33 -15.31
SWANROAD_115KV_TB1 355699	23.39 -0.31 0.00	20.56 -0.14 0.00	19.68 -0.04 0.00	19.32 -0.12 0.00	18.86 -0.29 0.00	22.05 -0.43 0.00	33.92 -1.37 -0.10	39.53 -2.39 -2.78	30.62 -1.59 -2.83	26.60 -1.09 -1.01	22.66 -0.80 -1.37	22.66 -0.64 -0.61	20.75 -0.52 -1.24	19.34 -0.60 -0.06	17.00 -0.33 -0.06	20.56 -0.66 -0.74	24.85 -1.00 -0.95	28.34 -1.20 -5.08	29.57 -1.08 -11.05	28.31 -0.80 -8.55	24.45 -0.72 -2.78	21.21 -0.55 -3.50	14.80 -0.16 -4.37	10.73 0.06 -4.69
SYNERGY___BIOGAS 323694	24.31 0.62 0.00	21.29 0.58 0.00	20.33 0.61 0.00	20.00 0.56 0.00	19.53 0.38 0.00	22.90 0.43 0.00	35.36 0.07 -0.09	41.74 -0.04 -2.64	32.15 0.09 -2.69	28.01 0.37 -0.96	23.65 0.27 -1.30	23.65 0.39 -0.58	21.45 0.24 -1.18	20.19 0.26 -0.06	17.72 0.40 -0.06	21.49 0.31 -0.70	25.94 0.15 -0.90	29.31 0.02 -4.82	30.07 -0.02 -10.49	28.83 0.27 -8.00	25.42 0.42 -2.61	21.85 0.31 -3.28	14.95 0.27 -4.09	10.65 0.28 -4.39
SYRACUSE___ENERGY_ST1 323597	24.07 0.38 0.00	21.02 0.31 0.00	19.99 0.28 0.00	19.69 0.25 0.00	19.40 0.25 0.00	22.81 0.34 0.00	35.70 0.42 -0.08	41.92 0.51 -2.27	32.04 0.35 -2.32	27.91 0.40 -0.83	23.45 0.24 -1.12	23.48 0.29 -0.50	21.25 0.20 -1.02	20.14 0.22 -0.05	17.53 0.21 -0.05	21.29 0.20 -0.60	25.92 0.25 -0.77	28.91 0.29 -4.15	28.88 0.25 -9.03	27.88 0.33 -6.99	25.09 0.43 -2.28	21.52 0.40 -2.86	14.38 0.22 -3.57	9.96 0.14 -3.83
SYRACUSE___ENERGY_ST2 323598	24.07 0.38 0.00	21.02 0.31 0.00	19.99 0.28 0.00	19.69 0.25 0.00	19.40 0.25 0.00	22.81 0.34 0.00	35.70 0.42 -0.08	41.92 0.51 -2.27	32.04 0.35 -2.32	27.91 0.40 -0.83	23.45 0.24 -1.12	23.48 0.29 -0.50	21.25 0.20 -1.02	20.14 0.22 -0.05	17.53 0.21 -0.05	21.29 0.20 -0.60	25.92 0.25 -0.77	28.91 0.29 -4.15	28.88 0.25 -9.03	27.88 0.33 -6.99	25.09 0.43 -2.28	21.52 0.40 -2.86	14.38 0.22 -3.57	9.96 0.14 -3.83
SYRACUSE___POWER 24017	23.95 0.26 0.00	20.92 0.21 0.00	19.91 0.20 0.00	19.61 0.17 0.00	19.30 0.15 0.00	22.70 0.22 0.00	35.52 0.25 -0.08	41.70 0.27 -2.28	31.91 0.21 -2.33	27.78 0.27 -0.83	23.39 0.18 -1.12	23.39 0.20 -0.50	21.19 0.14 -1.02	20.08 0.16 -0.05	17.47 0.16 -0.05	21.23 0.14 -0.61	25.85 0.17 -0.78	28.85 0.22 -4.17	28.86 0.20 -9.07	27.83 0.25 -7.02	25.01 0.34 -2.29	21.46 0.33 -2.88	14.35 0.18 -3.59	9.94 0.11 -3.85
TALLMAN__138KV_BK151 55660	24.85 1.16 0.00	21.68 0.97 0.00	20.58 0.87 0.00	20.33 0.89 0.00	20.05 0.90 0.00	23.56 1.08 0.00	37.67 2.11 -0.37	51.97 2.47 -10.36	41.22 1.82 -10.02	32.09 1.73 -3.68	28.37 1.50 -4.78	26.49 1.59 -2.21	25.73 1.42 -4.27	21.43 1.35 -0.20	18.64 1.17 -0.20	24.42 1.43 -2.51	30.19 1.82 -3.48	43.89 1.74 -17.69	59.17 1.41 -38.17	51.70 1.56 -29.58	33.62 1.61 -9.62	31.40 1.24 -11.90	25.80 0.71 -14.51	21.75 0.37 -15.40
TEALLAVE_115KV_TB7 355573	23.84 0.14 0.00	20.81 0.10 0.00	19.81 0.10 0.00	19.52 0.08 0.00	19.23 0.08 0.00	22.59 0.11 0.00	35.30 0.04 -0.07	41.27 0.04 -2.09	31.53 0.03 -2.13	27.57 0.13 -0.76	23.18 0.07 -1.03	23.26 0.11 -0.46	21.03 0.06 -0.93	19.98 0.06 -0.05	17.38 0.07 -0.05	21.09 0.06 -0.55	25.66 0.05 -0.71	28.35 0.07 -3.82	27.98 0.08 -8.30	27.13 0.14 -6.43	24.70 0.22 -2.09	21.11 0.22 -2.63	14.00 0.13 -3.29	9.59 0.08 -3.52
TELEGRAPH_34_KV_EAST 80808	23.95 0.26 0.00	21.02 0.31 0.00	20.09 0.37 0.00	19.73 0.29 0.00	19.26 0.11 0.00	22.61 0.13 0.00	34.94 -0.35 -0.10	40.85 -0.98 -2.69	31.55 -0.56 -2.74	27.42 -0.24 -0.97	23.25 -0.15 -1.32	23.30 0.02 -0.59	21.21 -0.02 -1.20	19.87 -0.06 -0.06	17.45 0.12 -0.06	21.09 -0.10 -0.71	25.51 -0.30 -0.92	28.90 -0.46 -4.91	29.82 -0.45 -10.68	28.66 -0.16 -8.26	24.99 -0.09 -2.69	21.61 -0.04 -3.39	14.91 0.11 -4.23	10.71 0.19 -4.53
TEMPLE___115KV_TB 2 55572	23.86 0.17 0.00	20.83 0.12 0.00	19.83 0.12 0.00	19.54 0.10 0.00	19.24 0.10 0.00	22.61 0.13 0.00	35.34 0.07 -0.08	41.33 0.08 -2.11	31.58 0.06 -2.15	27.61 0.16 -0.77	23.21 0.09 -1.04	23.28 0.14 -0.46	21.06 0.08 -0.94	20.00 0.08 -0.05	17.40 0.09 -0.05	21.12 0.08 -0.56	25.69 0.07 -0.72	28.41 0.10 -3.85	28.07 0.10 -8.37	27.20 0.16 -6.48	24.74 0.25 -2.11	21.15 0.24 -2.66	14.03 0.14 -3.31	9.63 0.09 -3.55

TIANA____69_KV_BK 1 55817	26.06 2.37 0.00	22.59 1.88 0.00	21.43 1.72 0.00	21.41 1.79 -0.18	23.38 1.72 -2.51	24.70 2.23 0.00	39.22 3.62 -0.40	53.95 3.37 -11.45	42.99 2.61 -11.00	33.79 3.01 -4.10	31.20 3.00 -6.11	30.82 2.75 -5.39	30.58 2.68 -7.87	32.40 2.01 -10.52	37.55 1.61 -18.68	28.66 2.83 -5.36	36.82 3.51 -8.42	46.98 3.08 -19.44	71.60 2.51 -49.50	59.37 2.71 -36.10	42.85 2.93 -17.53	37.67 2.03 -17.39	34.51 1.23 -22.70	27.88 0.68 -21.21
TILDEN____115KV_TB1 80814	23.95 0.26 0.00	20.92 0.21 0.00	19.91 0.20 0.00	19.61 0.17 0.00	19.30 0.15 0.00	22.70 0.22 0.00	35.52 0.25 -0.08	41.70 0.27 -2.28	31.91 0.21 -2.33	27.78 0.27 -0.83	23.39 0.18 -1.12	23.39 0.20 -0.50	21.19 0.14 -1.02	20.08 0.16 -0.05	17.47 0.16 -0.05	21.23 0.14 -0.61	25.85 0.17 -0.78	28.85 0.22 -4.17	28.86 0.20 -9.07	27.83 0.25 -7.02	25.01 0.34 -2.29	21.46 0.33 -2.88	14.35 0.18 -3.59	9.94 0.11 -3.85
TRIGEN____CC 323695	25.31 1.61 0.00	22.06 1.35 0.00	20.88 1.16 0.00	20.90 1.28 -0.18	22.94 1.28 -2.51	24.01 1.53 0.00	38.38 2.78 -0.40	53.33 2.74 -11.45	42.49 2.12 -11.00	33.00 2.27 -4.05	30.28 2.12 -6.07	30.24 2.16 -5.39	29.92 2.02 -7.87	18.30 1.59 3.16	-5.01 1.31 23.59	27.82 2.03 -5.32	31.21 2.46 -3.86	46.08 2.23 -19.40	63.25 1.82 -41.83	54.95 1.97 -32.41	35.06 2.10 -10.57	32.82 1.53 -13.03	30.74 0.92 -19.24	27.68 0.48 -21.21
TRINITY__115KV__ 4 BK 55933	24.24 0.54 0.00	21.23 0.52 0.00	20.15 0.43 0.00	19.89 0.45 0.00	19.63 0.48 0.00	23.08 0.61 0.00	36.74 1.16 -0.38	50.84 1.10 -10.61	41.58 0.82 -11.38	31.37 0.77 -3.92	28.20 0.55 -5.56	25.56 0.50 -2.38	25.67 0.48 -5.15	20.72 0.58 -0.27	18.05 0.52 -0.26	24.06 0.49 -3.09	29.26 0.67 -3.70	46.07 0.73 -20.87	65.97 0.59 -45.79	56.58 0.64 -35.39	34.61 0.69 -11.53	33.45 0.46 -14.74	29.64 0.28 -18.78	26.44 0.14 -20.31
UNION____PROCESSING_DRP 323587	23.98 0.28 0.00	20.96 0.25 0.00	19.95 0.24 0.00	19.65 0.21 0.00	19.26 0.11 0.00	22.68 0.20 0.00	35.56 0.28 -0.09	41.70 0.12 -2.44	32.04 0.18 -2.49	27.86 0.29 -0.89	23.60 0.31 -1.20	23.59 0.36 -0.54	21.43 0.30 -1.09	20.13 0.20 -0.05	17.63 0.31 -0.05	21.39 0.27 -0.65	25.95 0.22 -0.83	29.12 0.20 -4.47	29.43 0.12 -9.72	28.37 0.29 -7.52	25.22 0.38 -2.45	21.63 0.29 -3.08	14.67 0.24 -3.85	10.31 0.20 -4.12
UPPER HUDSON____HYD 24058	24.78 1.09 0.00	21.66 0.95 0.00	20.76 1.04 0.00	20.41 0.97 0.00	20.36 1.21 0.00	24.01 1.53 0.00	38.51 2.92 -0.40	53.34 3.17 -11.03	43.27 2.14 -11.75	32.61 1.87 -4.06	29.26 1.43 -5.74	26.49 1.34 -2.46	26.52 1.18 -5.30	21.38 1.23 -0.28	18.57 1.04 -0.27	24.82 1.17 -3.18	30.16 1.49 -3.78	47.27 1.47 -21.35	67.69 1.26 -46.84	58.08 1.36 -36.17	35.56 1.39 -11.78	34.33 1.00 -15.07	30.40 0.60 -19.22	27.09 0.32 -20.79
UPPER RAQUET____HYD 24056	23.43 -0.26 0.00	20.52 -0.19 0.00	19.56 -0.16 0.00	19.26 -0.18 0.00	18.98 -0.17 0.00	22.12 -0.36 0.00	34.04 -1.16 -0.01	38.14 -1.33 -0.33	28.66 -1.06 -0.34	25.57 -1.23 -0.12	21.15 -1.10 -0.16	21.60 -1.16 -0.07	19.08 -1.10 -0.15	18.85 -1.03 -0.01	16.33 -0.95 -0.01	19.52 -1.04 -0.09	23.74 -1.27 -0.11	23.98 -1.10 -0.62	20.09 -0.84 -1.34	20.55 -1.05 -1.04	12.90 -1.28 8.21	10.72 -0.97 6.56	4.70 -0.51 5.38	4.01 -0.26 1.72
VALLEY44_115KV_TB2 355964	24.33 0.64 0.00	21.35 0.64 0.00	20.41 0.69 0.00	20.02 0.58 0.00	19.57 0.42 0.00	23.02 0.54 0.00	34.32 -0.99 -0.11	40.57 -1.64 -3.07	31.36 -1.15 -3.13	27.02 -0.77 -1.12	22.98 -0.62 -1.51	22.91 -0.45 -0.67	21.03 -0.38 -1.37	19.86 -0.08 -0.07	17.08 -0.26 -0.07	20.78 -0.51 -0.82	25.19 -0.75 -1.05	29.17 -0.91 -5.61	31.04 -0.76 -12.21	29.55 -0.45 -9.45	24.97 -0.49 -3.08	21.69 -0.44 -3.87	15.29 -0.13 -4.83	11.21 0.04 -5.18
VALLEY____115KV_TB 1-4 80826	24.31 0.62 0.00	21.23 0.52 0.00	20.19 0.47 0.00	19.91 0.47 0.00	19.63 0.48 0.00	23.06 0.58 0.00	36.12 0.92 -0.01	40.40 1.02 -0.25	30.33 0.71 -0.25	27.38 0.61 -0.09	22.61 0.40 -0.12	23.24 0.50 -0.05	20.52 0.38 -0.11	20.35 0.48 -0.01	17.67 0.40 -0.01	20.93 0.39 -0.07	25.45 0.47 -0.08	25.35 0.44 -0.45	20.89 0.31 -0.98	21.60 0.29 -0.76	23.60 0.31 -0.90	19.47 0.37 -0.85	11.64 0.22 -0.84	6.70 0.13 -0.59
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	25.07 1.37 0.00	21.89 1.18 0.00	20.82 1.10 0.00	20.53 1.09 0.00	20.28 1.13 0.00	23.80 1.33 0.00	37.59 2.18 -0.22	47.79 2.62 -6.03	37.40 1.88 -6.14	30.52 1.65 -2.19	26.33 1.28 -2.96	25.26 1.25 -1.32	23.87 1.14 -2.69	21.12 1.11 -0.13	18.31 0.92 -0.13	23.26 1.19 -1.60	28.49 1.54 -2.05	37.08 1.61 -11.01	44.80 1.25 -23.95	40.43 1.34 -18.53	29.85 1.43 -6.03	26.98 1.13 -7.59	20.70 0.65 -9.47	16.50 0.36 -10.16
VISCHER____FERRY HYD 24020	24.52 0.83 0.00	21.43 0.72 0.00	20.41 0.69 0.00	20.12 0.68 0.00	19.90 0.75 0.00	23.40 0.92 0.00	37.33 1.76 -0.38	51.51 1.92 -10.45	42.08 1.41 -11.30	31.76 1.23 -3.85	28.63 0.99 -5.54	26.02 1.00 -2.34	26.07 0.88 -5.16	21.06 0.91 -0.27	18.31 0.78 -0.26	24.46 0.88 -3.10	29.61 1.15 -3.57	46.28 1.17 -20.65	66.02 0.96 -45.46	56.67 1.03 -35.08	34.91 1.10 -11.43	33.78 0.80 -14.72	29.99 0.48 -18.93	26.80 0.26 -20.55
V_A_10_SYNC_DSASP 323832	23.53 -0.16 0.00	20.65 -0.06 0.00	19.72 0.00 0.00	19.38 -0.06 0.00	18.94 -0.21 0.00	22.23 -0.25 0.00	34.41 -0.88 -0.10	40.41 -1.41 -2.68	31.20 -0.91 -2.73	27.25 -0.40 -0.97	23.07 -0.33 -1.32	22.98 -0.30 -0.59	21.05 -0.18 -1.20	19.63 -0.30 -0.06	17.33 0.00 -0.06	21.02 -0.16 -0.71	25.33 -0.47 -0.91	28.72 -0.64 -4.90	29.62 -0.63 -10.66	28.21 -0.27 -7.92	24.81 -0.16 -2.58	21.39 -0.11 -3.24	14.70 0.07 -4.05	10.46 0.13 -4.34
V_CMM_10_SYNC_DSASP 323787	23.34 -0.35 0.00	20.44 -0.27 0.00	19.48 -0.24 0.00	19.21 -0.23 0.00	18.88 -0.27 0.00	22.12 -0.36 0.00	34.49 -0.70 0.00	38.32 -0.82 0.00	28.79 -0.59 0.00	26.01 -0.67 0.00	21.56 -0.53 0.00	22.12 -0.57 0.00	19.51 -0.52 0.00	19.38 -0.50 0.00	16.82 -0.45 0.00	19.97 -0.51 0.00	24.25 -0.65 0.00	23.82 -0.64 0.00	19.11 -0.49 0.00	19.96 -0.60 0.00	10.52 -0.72 11.15	8.54 -0.60 9.11	2.53 -0.35 7.70	2.81 -0.19 2.98
V_CMP_10_SYNC_DSASP 323788	24.50 0.81 0.00	21.48 0.77 0.00	20.42 0.71 0.00	20.10 0.66 0.00	19.80 0.65 0.00	23.22 0.74 0.00	35.65 0.46 0.00	39.22 0.08 0.00	29.79 0.41 0.00	26.79 0.11 0.00	22.35 0.27 0.00	22.89 0.20 0.00	20.19 0.16 0.00	19.99 0.12 0.00	17.34 0.07 0.00	20.60 0.12 0.00	25.07 0.18 0.00	24.63 0.17 0.00	19.93 0.33 0.00	20.66 0.10 0.00	11.04 -0.34 11.01	8.84 -0.42 9.00	2.67 -0.31 7.60	2.84 -0.20 2.94
V_E_10_SYNC_DSASP 323830	25.95 2.25 0.00	22.59 1.88 0.00	21.45 1.74 0.00	21.13 1.69 0.00	20.87 1.72 0.00	24.59 2.11 0.00	38.45 3.10 -0.16	47.64 4.03 -4.47	36.60 2.67 -4.55	30.46 2.16 -1.62	25.67 1.39 -2.20	25.03 1.36 -0.98	23.15 1.12 -2.00	21.16 1.19 -0.10	18.33 0.97 -0.10	22.97 1.31 -1.18	28.23 1.82 -1.52	34.77 2.15 -8.15	39.06 1.72 -17.74	36.02 1.77 -13.70	28.75 1.90 -4.46	25.38 1.51 -5.61	18.42 0.84 -7.00	13.97 0.47 -7.51

V_F_30_NSYNC___DSASP 323816	24.83 1.14 0.00	21.70 0.99 0.00	20.70 0.99 0.00	20.37 0.93 0.00	20.18 1.03 0.00	23.76 1.28 0.00	37.98 2.39 -0.40	52.68 2.58 -10.96	42.89 1.82 -11.69	32.29 1.57 -4.03	29.06 1.26 -5.71	26.33 1.20 -2.45	26.40 1.08 -5.28	21.26 1.11 -0.28	18.47 0.93 -0.27	24.71 1.06 -3.17	30.06 1.42 -3.75	47.16 1.44 -21.26	67.48 1.22 -46.67	57.89 1.30 -36.04	35.49 1.37 -11.74	34.31 1.02 -15.03	30.38 0.61 -19.19	27.08 0.33 -20.76
V_F_30_SYNC_DSASP 323786	24.31 0.62 0.00	21.29 0.58 0.00	20.21 0.49 0.00	19.92 0.49 0.00	19.69 0.54 0.00	23.15 0.67 0.00	36.88 1.30 -0.39	51.06 1.25 -10.67	41.71 0.88 -11.45	31.45 0.83 -3.94	28.26 0.57 -5.60	25.62 0.54 -2.39	25.72 0.50 -5.18	20.76 0.62 -0.27	18.08 0.55 -0.26	24.10 0.51 -3.11	29.30 0.72 -3.69	46.11 0.76 -20.90	66.09 0.63 -45.87	56.66 0.66 -35.44	34.65 0.72 -11.55	33.53 0.49 -14.78	29.75 0.30 -18.87	26.56 0.16 -20.42
V_XM_10_SYNC_DSASP 323789	24.50 0.81 0.00	21.48 0.77 0.00	20.42 0.71 0.00	20.10 0.66 0.00	19.80 0.65 0.00	23.22 0.74 0.00	35.65 0.46 0.00	39.22 0.08 0.00	29.79 0.41 0.00	26.79 0.11 0.00	22.35 0.27 0.00	22.89 0.20 0.00	20.19 0.16 0.00	19.99 0.12 0.00	17.34 0.07 0.00	20.60 0.12 0.00	25.07 0.18 0.00	24.63 0.17 0.00	19.93 0.33 0.00	20.66 0.10 0.00	11.04 -0.34 11.01	8.84 -0.42 9.00	2.67 -0.31 7.60	2.84 -0.20 2.94
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	24.93 1.23 0.00	21.74 1.04 0.00	20.64 0.93 0.00	20.39 0.95 0.00	20.09 0.94 0.00	23.60 1.12 0.00	37.78 2.22 -0.37	52.10 2.58 -10.37	41.31 1.91 -10.03	32.15 1.79 -3.68	28.42 1.55 -4.79	26.51 1.61 -2.22	25.77 1.46 -4.28	21.49 1.41 -0.20	18.68 1.21 -0.20	24.46 1.47 -2.51	30.24 1.87 -3.48	43.98 1.81 -17.71	59.24 1.45 -38.20	51.76 1.60 -29.60	33.70 1.68 -9.63	31.45 1.28 -11.91	25.83 0.73 -14.52	21.77 0.38 -15.41
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	25.14 1.45 0.00	21.93 1.22 0.00	20.80 1.08 0.00	20.55 1.11 0.00	20.24 1.09 0.00	23.83 1.35 0.00	38.20 2.60 -0.40	53.64 3.05 -11.45	42.76 2.38 -11.00	33.00 2.27 -4.06	29.34 2.01 -5.24	27.25 2.11 -2.45	27.31 1.88 -5.39	26.58 1.79 -4.92	26.85 1.52 -8.06	27.52 1.90 -5.13	31.09 2.34 -3.85	46.06 2.20 -19.40	63.15 1.74 -41.81	54.84 1.87 -32.41	34.86 1.93 -10.54	32.77 1.50 -13.01	27.28 0.88 -15.81	23.20 0.44 -16.77
W50THST__13_KV_LOAD 356117	25.26 1.56 0.00	22.01 1.30 0.00	20.88 1.16 0.00	20.62 1.19 0.00	20.32 1.17 0.00	23.92 1.44 0.00	38.41 2.82 -0.40	53.84 3.25 -11.45	42.93 2.56 -11.00	33.16 2.43 -4.06	29.45 2.12 -5.24	27.39 2.25 -2.45	27.43 2.00 -5.39	26.72 1.93 -4.92	26.97 1.64 -8.06	27.64 2.03 -5.13	31.21 2.46 -3.85	46.21 2.35 -19.40	63.27 1.86 -41.81	54.96 1.99 -32.41	34.94 2.01 -10.54	32.86 1.59 -13.01	27.33 0.93 -15.81	23.23 0.47 -16.77
WADING RIVER_IC_1 23522	25.88 2.18 -0.01	22.46 1.74 -0.01	21.27 1.56 0.00	21.28 1.65 -0.19	23.26 1.59 -2.52	24.53 2.05 -0.01	39.51 3.91 -0.41	53.68 3.09 -11.45	42.81 2.44 -11.00	33.58 2.80 -4.10	30.97 2.76 -6.12	30.63 2.54 -5.40	30.53 2.62 -7.87	32.24 1.85 -10.52	37.43 1.47 -18.69	28.18 2.33 -5.36	36.59 3.23 -8.46	46.84 2.91 -19.47	71.53 2.35 -49.58	59.18 2.53 -36.09	42.40 2.46 -17.55	37.52 1.88 -17.39	34.41 1.13 -22.69	27.80 0.63 -21.19
WADING RIVER_IC_2 23547	25.88 2.18 -0.01	22.46 1.74 -0.01	21.27 1.56 0.00	21.28 1.65 -0.19	23.26 1.59 -2.52	24.53 2.05 -0.01	39.51 3.91 -0.41	53.68 3.09 -11.45	42.81 2.44 -11.00	33.58 2.80 -4.10	30.97 2.76 -6.12	30.63 2.54 -5.40	30.53 2.62 -7.87	32.24 1.85 -10.52	37.43 1.47 -18.69	28.18 2.33 -5.36	36.59 3.23 -8.46	46.84 2.91 -19.47	71.53 2.35 -49.58	59.18 2.53 -36.09	42.40 2.46 -17.55	37.52 1.88 -17.39	34.41 1.13 -22.69	27.80 0.63 -21.19
WADING RIVER_IC_3 23601	25.88 2.18 -0.01	22.46 1.74 -0.01	21.27 1.56 0.00	21.28 1.65 -0.19	23.26 1.59 -2.52	24.53 2.05 -0.01	39.51 3.91 -0.41	53.68 3.09 -11.45	42.81 2.44 -11.00	33.58 2.80 -4.10	30.97 2.76 -6.12	30.63 2.54 -5.40	30.53 2.62 -7.87	32.24 1.85 -10.52	37.43 1.47 -18.69	28.18 2.33 -5.36	36.59 3.23 -8.46	46.84 2.91 -19.47	71.53 2.35 -49.58	59.18 2.53 -36.09	42.40 2.46 -17.55	37.52 1.88 -17.39	34.41 1.13 -22.69	27.80 0.63 -21.19
WALDENNY_12_KV_BK2 80841	24.05 0.36 0.00	21.12 0.41 0.00	20.17 0.45 0.00	19.81 0.37 0.00	19.34 0.19 0.00	22.68 0.20 0.00	34.66 -0.63 -0.10	40.63 -1.41 -2.90	31.45 -0.88 -2.96	27.25 -0.48 -1.05	23.21 -0.31 -1.43	23.21 -0.11 -0.64	21.25 -0.08 -1.30	19.88 -0.06 -0.06	17.37 0.03 -0.06	21.06 -0.18 -0.77	25.46 -0.42 -0.99	29.13 -0.64 -5.30	30.52 -0.61 -11.53	29.17 -0.31 -8.92	25.02 -0.27 -2.91	21.71 -0.20 -3.66	15.19 0.04 -4.56	11.02 0.14 -4.89
WALDEN___HYDRO 24148	24.95 1.25 0.00	21.77 1.06 0.00	20.68 0.97 0.00	20.41 0.97 0.00	20.11 0.96 0.00	23.58 1.10 0.00	37.85 2.29 -0.37	52.19 2.54 -10.51	41.44 1.82 -10.24	32.08 1.65 -3.74	28.40 1.41 -4.89	26.41 1.47 -2.25	25.72 1.30 -4.38	21.37 1.29 -0.21	18.56 1.09 -0.20	24.37 1.31 -2.58	30.16 1.74 -3.53	44.22 1.71 -18.05	59.92 1.35 -38.98	52.14 1.48 -30.10	33.72 1.54 -9.80	31.57 1.17 -12.14	26.08 0.66 -14.84	22.10 0.34 -15.78
WARRENSBURG___ 23737	24.78 1.09 0.00	21.66 0.95 0.00	20.76 1.04 0.00	20.41 0.97 0.00	20.36 1.21 0.00	24.01 1.53 0.00	38.51 2.92 -0.40	53.34 3.17 -11.03	43.27 2.14 -11.75	32.61 1.87 -4.06	29.26 1.43 -5.74	26.49 1.34 -2.46	26.52 1.18 -5.30	21.38 1.23 -0.28	18.57 1.04 -0.27	24.82 1.17 -3.18	30.16 1.49 -3.78	47.27 1.47 -21.35	67.69 1.26 -46.84	58.08 1.36 -36.17	35.56 1.39 -11.78	34.33 1.00 -15.07	30.40 0.60 -19.22	27.09 0.32 -20.79
WATERSIDE___6 8 9 23538	25.09 1.40 0.00	21.87 1.16 0.00	20.72 1.01 0.00	20.43 0.99 0.00	20.14 1.00 0.00	23.67 1.19 0.00	37.95 2.36 -0.40	53.33 2.74 -11.45	42.58 2.20 -11.00	32.84 2.11 -4.06	29.23 1.90 -5.24	27.14 2.00 -2.45	27.24 1.78 -5.42	26.66 1.69 -5.10	27.07 1.43 -8.37	27.50 1.80 -5.22	30.99 2.24 -3.85	45.94 2.08 -19.40	63.02 1.61 -41.81	54.69 1.73 -32.41	34.68 1.75 -10.54	32.64 1.37 -13.01	27.23 0.84 -15.81	23.17 0.41 -16.77
WATKINRD_115KV_LN8_ILLION 55919	24.12 0.43 0.00	21.08 0.37 0.00	20.05 0.34 0.00	19.77 0.33 0.00	19.49 0.34 0.00	22.90 0.43 0.00	35.87 0.67 -0.01	40.17 0.78 -0.25	30.16 0.53 -0.25	27.22 0.45 -0.09	22.52 0.31 -0.12	23.10 0.36 -0.05	20.42 0.28 -0.11	20.22 0.34 -0.01	17.57 0.29 -0.01	20.85 0.31 -0.07	25.35 0.37 -0.08	25.28 0.37 -0.45	20.85 0.27 -0.98	21.58 0.27 -0.76	23.58 0.29 -0.90	19.39 0.29 -0.85	11.59 0.17 -0.84	6.67 0.10 -0.59
WATSON___69_KV_BK 1 55734	25.94 2.25 0.00	22.53 1.82 0.00	21.33 1.62 0.00	21.33 1.71 -0.18	23.36 1.70 -2.51	24.66 2.18 0.00	39.22 3.62 -0.40	53.99 3.41 -11.45	42.99 2.61 -11.00	33.63 2.88 -4.07	30.69 2.52 -6.09	30.73 2.65 -5.39	30.38 2.48 -7.87	31.98 1.97 -10.14	36.35 1.59 -17.50	28.14 2.33 -5.33	33.17 2.79 -5.49	46.54 2.67 -19.41	66.18 2.00 -44.59	56.45 2.16 -33.74	37.80 2.35 -13.07	34.53 1.68 -14.59	32.07 1.01 -20.48	27.85 0.65 -21.21



WDELAWARE___HYD 323627	25.14 1.45 0.00	21.93 1.22 0.00	20.84 1.12 0.00	20.55 1.11 0.00	20.26 1.11 0.00	23.71 1.24 0.00	37.88 2.36 -0.33	51.37 2.86 -9.38	40.62 2.00 -9.24	31.83 1.79 -3.36	27.95 1.43 -4.43	26.25 1.54 -2.02	25.34 1.32 -3.98	21.42 1.35 -0.19	18.61 1.16 -0.19	24.24 1.41 -2.35	29.83 1.77 -3.17	42.66 1.78 -16.42	56.53 1.41 -35.53	49.60 1.54 -27.49	33.03 1.70 -8.95	30.69 1.30 -11.13	24.98 0.71 -13.68	20.94 0.37 -14.58
WEST BABYLON___IC 23714	25.83 2.13 0.00	22.45 1.74 0.00	21.25 1.54 0.00	21.25 1.63 -0.18	23.29 1.63 -2.51	24.52 2.05 0.00	39.01 3.41 -0.40	53.79 3.21 -11.45	42.87 2.50 -11.00	33.51 2.77 -4.06	30.70 2.54 -6.07	30.64 2.56 -5.39	30.32 2.42 -7.87	31.32 1.89 -9.56	34.52 1.54 -15.72	28.21 2.42 -5.32	32.09 2.91 -4.28	46.53 2.67 -19.40	64.26 2.12 -42.55	55.60 2.28 -32.76	36.09 2.48 -11.22	33.46 1.77 -13.44	31.21 1.07 -19.56	27.82 0.62 -21.21
WEST CANADA___HYD 24049	23.79 0.10 0.00	20.79 0.08 0.00	19.77 0.06 0.00	19.50 0.06 0.00	19.23 0.08 0.00	22.57 0.09 0.00	35.38 0.18 -0.01	39.58 0.20 -0.25	29.77 0.15 -0.25	26.90 0.13 -0.09	22.30 0.09 -0.12	22.83 0.09 -0.05	20.24 0.10 -0.11	19.98 0.10 -0.01	17.34 0.07 -0.01	20.65 0.10 -0.07	25.10 0.13 -0.08	25.03 0.12 -0.45	20.65 0.08 -0.98	21.40 0.08 -0.76	23.38 0.09 -0.90	19.19 0.09 -0.85	11.47 0.04 -0.84	6.60 0.02 -0.59
WESTERN_NY_WIND 24143	24.29 0.59 0.00	21.27 0.56 0.00	20.31 0.59 0.00	19.98 0.54 0.00	19.51 0.36 0.00	22.93 0.45 0.00	35.57 0.28 -0.09	41.64 -0.16 -2.66	32.11 0.03 -2.71	27.89 0.24 -0.96	23.61 0.22 -1.31	23.63 0.36 -0.58	21.48 0.26 -1.19	20.17 0.24 -0.06	17.69 0.36 -0.06	21.37 0.18 -0.71	25.90 0.10 -0.91	29.32 0.00 -4.86	30.08 -0.08 -10.57	28.98 0.25 -8.17	25.38 0.34 -2.66	21.90 0.29 -3.35	15.03 0.26 -4.18	10.74 0.27 -4.48
WESTOVER___LESR 323668	24.38 0.69 0.00	21.31 0.60 0.00	20.29 0.57 0.00	19.98 0.54 0.00	19.65 0.50 0.00	23.08 0.61 0.00	36.09 0.74 -0.16	44.32 0.74 -4.43	34.45 0.56 -4.52	28.88 0.59 -1.61	24.69 0.42 -2.18	24.16 0.50 -0.97	22.42 0.40 -1.98	20.43 0.46 -0.10	17.76 0.40 -0.10	22.06 0.41 -1.18	26.90 0.50 -1.51	33.04 0.49 -8.09	37.60 0.39 -17.61	34.72 0.53 -13.63	27.45 0.63 -4.44	24.35 0.51 -5.58	17.87 0.32 -6.97	13.67 0.21 -7.47
WETHRSFD_WT_PWR 323626	24.07 0.38 0.00	21.08 0.37 0.00	20.13 0.41 0.00	19.75 0.31 0.00	19.32 0.17 0.00	22.70 0.22 0.00	34.67 -0.63 -0.11	41.17 -1.10 -3.13	31.89 -0.67 -3.18	27.57 -0.24 -1.13	23.40 -0.22 -1.54	23.46 0.09 -0.68	21.35 -0.08 -1.40	19.92 -0.02 -0.07	17.37 0.03 -0.07	21.20 -0.10 -0.83	25.66 -0.30 -1.07	29.73 -0.44 -5.71	31.55 -0.47 -12.42	29.80 -0.19 -9.43	25.30 -0.16 -3.07	21.97 -0.15 -3.86	15.42 0.02 -4.82	11.25 0.10 -5.17
WHAVSTOR_138KV_BK127 55557	24.83 1.14 0.00	21.66 0.95 0.00	20.58 0.87 0.00	20.31 0.87 0.00	20.03 0.88 0.00	23.53 1.06 0.00	37.63 2.08 -0.37	51.94 2.43 -10.38	41.20 1.79 -10.03	32.07 1.71 -3.68	28.35 1.48 -4.79	26.45 1.54 -2.22	25.71 1.40 -4.28	21.41 1.33 -0.20	18.62 1.16 -0.20	24.40 1.41 -2.51	30.14 1.77 -3.48	43.88 1.71 -17.71	59.17 1.37 -38.21	51.69 1.52 -29.61	33.61 1.59 -9.63	31.38 1.20 -11.92	25.79 0.69 -14.52	21.76 0.36 -15.41
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	24.83 1.14 0.00	21.66 0.95 0.00	20.58 0.87 0.00	20.31 0.87 0.00	20.03 0.88 0.00	23.53 1.06 0.00	37.63 2.08 -0.37	51.94 2.43 -10.38	41.20 1.79 -10.03	32.07 1.71 -3.68	28.35 1.48 -4.79	26.45 1.54 -2.22	25.71 1.40 -4.28	21.41 1.33 -0.20	18.62 1.16 -0.20	24.40 1.41 -2.51	30.14 1.77 -3.48	43.88 1.71 -17.71	59.17 1.37 -38.21	51.69 1.52 -29.61	33.61 1.59 -9.63	31.38 1.20 -11.92	25.79 0.69 -14.52	21.76 0.36 -15.41
WHITEHAL_115KV_TB1 80871	25.26 1.56 0.00	22.06 1.35 0.00	21.12 1.40 0.00	20.72 1.28 0.00	20.66 1.51 0.00	24.41 1.93 0.00	39.18 3.59 -0.40	54.13 3.99 -11.00	43.81 2.67 -11.76	32.99 2.24 -4.07	29.62 1.79 -5.74	26.72 1.57 -2.46	26.70 1.36 -5.30	21.54 1.39 -0.28	18.71 1.17 -0.27	25.09 1.43 -3.18	30.51 1.84 -3.77	47.68 1.88 -21.34	68.02 1.61 -46.82	58.59 1.85 -36.18	36.17 1.99 -11.79	34.69 1.35 -15.08	30.63 0.83 -19.23	27.21 0.42 -20.80
WHITEPLN_13_KV_LOAD 356215	25.09 1.40 0.00	21.89 1.18 0.00	20.74 1.03 0.00	20.51 1.07 0.00	20.20 1.05 0.00	23.83 1.35 0.00	38.27 2.67 -0.40	53.70 3.13 -11.43	42.77 2.41 -10.99	33.03 2.29 -4.05	29.20 1.88 -5.24	27.25 2.13 -2.44	26.46 1.76 -4.67	21.90 1.81 -0.22	19.02 1.54 -0.21	25.00 1.78 -2.74	30.92 2.19 -3.83	45.89 2.05 -19.38	63.00 1.65 -41.76	54.69 1.77 -32.37	34.77 1.86 -10.53	32.75 1.50 -13.00	27.23 0.86 -15.79	23.17 0.44 -16.74
WM_FLOYD_69_KV_BK2 356380	25.85 2.16 0.00	22.43 1.72 0.00	21.25 1.54 0.00	21.25 1.63 -0.18	23.23 1.57 -2.51	24.50 2.02 0.00	38.87 3.27 -0.40	53.56 2.97 -11.45	42.70 2.32 -11.00	33.52 2.75 -4.10	30.89 2.69 -6.11	30.60 2.52 -5.39	30.34 2.44 -7.87	32.22 1.85 -10.50	37.36 1.47 -18.63	28.41 2.58 -5.36	36.38 3.11 -8.37	46.64 2.74 -19.44	71.25 2.23 -49.42	59.02 2.41 -36.06	42.46 2.62 -17.46	37.42 1.83 -17.34	34.37 1.12 -22.66	27.82 0.62 -21.21
WOODARD__115KV_TB2 355635	23.91 0.21 0.00	20.88 0.17 0.00	19.87 0.16 0.00	19.57 0.14 0.00	19.26 0.11 0.00	22.66 0.18 0.00	35.45 0.18 -0.08	41.48 0.20 -2.14	31.70 0.15 -2.18	27.67 0.21 -0.78	23.27 0.13 -1.05	23.34 0.18 -0.47	21.09 0.10 -0.96	20.04 0.12 -0.05	17.44 0.12 -0.05	21.15 0.10 -0.57	25.75 0.12 -0.73	28.51 0.15 -3.91	28.23 0.14 -8.50	27.34 0.21 -6.58	24.82 0.29 -2.14	21.22 0.27 -2.69	14.10 0.16 -3.36	9.69 0.10 -3.61
YORK___WARBASSE 23770	25.19 1.49 0.00	21.93 1.22 0.00	20.76 1.04 0.00	20.47 1.03 0.00	20.16 1.01 0.00	23.69 1.21 0.00	37.99 2.39 -0.40	53.37 2.78 -11.45	42.64 2.26 -11.00	32.90 2.16 -4.06	29.25 1.92 -5.24	27.18 2.04 -2.45	27.26 1.80 -5.43	26.71 1.71 -5.13	27.15 1.47 -8.42	27.56 1.84 -5.24	31.04 2.29 -3.85	45.97 2.10 -19.40	63.06 1.65 -41.81	54.72 1.75 -32.41	34.72 1.79 -10.54	32.68 1.41 -13.01	27.28 0.88 -15.81	23.18 0.42 -16.77