

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

10/21/2023

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	24.61	21.89	20.88	19.97	20.76	19.15	22.82	26.49	28.89	32.15	31.03	31.69	30.97	31.12	29.66	29.07	29.63	33.58	37.70	35.96	31.31	28.89	25.38	23.64
24138	1.47	1.12	1.05	0.97	1.04	1.10	1.47	1.41	1.49	1.94	1.91	1.53	0.89	1.18	0.60	0.60	0.80	0.77	1.41	1.15	1.05	0.67	0.70	0.94
	-0.21	-3.26	-3.64	-3.34	-3.64	0.00	-0.03	-6.52	-8.11	-4.02	-2.62	-8.87	-17.70	-13.32	-20.31	-19.95	-17.59	-21.74	-16.36	-18.80	-15.29	-18.82	-14.81	-9.33
74TH STREET_GT_1	24.54	21.84	20.85	19.94	20.68	19.07	22.76	26.40	28.81	32.07	30.95	31.61	30.90	31.04	29.60	29.01	29.62	33.58	37.66	35.94	31.29	28.89	25.37	23.61
24260	1.40	1.07	1.02	0.94	0.96	1.03	1.41	1.34	1.43	1.86	1.83	1.47	0.85	1.13	0.58	0.57	0.76	0.74	1.35	1.10	1.00	0.64	0.67	0.90
	-0.21	-3.26	-3.64	-3.34	-3.64	0.00	-0.03	-6.51	-8.09	-4.02	-2.62	-8.85	-17.66	-13.30	-20.27	-19.91	-17.62	-21.77	-16.38	-18.83	-15.31	-18.85	-14.83	-9.34
74TH STREET_GT_2	24.54	21.84	20.85	19.94	20.68	19.07	22.76	26.40	28.81	32.07	30.95	31.61	30.90	31.04	29.60	29.01	29.62	33.58	37.66	35.94	31.29	28.89	25.37	23.61
24261	1.40	1.07	1.02	0.94	0.96	1.03	1.41	1.34	1.43	1.86	1.83	1.47	0.85	1.13	0.58	0.57	0.76	0.74	1.35	1.10	1.00	0.64	0.67	0.90
	-0.21	-3.26	-3.64	-3.34	-3.64	0.00	-0.03	-6.51	-8.09	-4.02	-2.62	-8.85	-17.66	-13.30	-20.27	-19.91	-17.62	-21.77	-16.38	-18.83	-15.31	-18.85	-14.83	-9.34
ADK HUDSON___FALLS	24.39	22.43	21.53	20.52	21.36	18.89	22.59	27.63	30.39	32.67	31.36	33.63	35.05	34.11	34.36	33.70	33.69	38.69	41.40	40.33	34.83	33.28	28.79	25.67
24011	1.19	0.88	0.83	0.72	0.77	0.85	1.24	1.00	1.06	1.49	1.62	1.36	0.76	1.00	0.47	0.48	0.63	0.65	1.18	0.99	0.88	0.53	0.54	0.72
	-0.26	-4.05	-4.52	-4.14	-4.52	0.00	-0.03	-8.08	-10.04	-4.98	-3.25	-10.98	-21.91	-16.49	-25.15	-24.70	-21.83	-26.97	-20.30	-23.33	-18.97	-23.35	-18.37	-11.57
ADK RESOURCE___RCVRY	24.46	22.48	21.58	20.55	21.41	18.95	22.68	27.72	30.48	32.80	31.50	33.75	35.12	34.17	34.41	33.75	33.71	38.71	41.46	40.39	34.87	33.30	28.81	25.70
23798	1.26	0.93	0.87	0.75	0.82	0.90	1.32	1.08	1.14	1.62	1.75	1.47	0.80	1.05	0.50	0.50	0.66	0.70	1.26	1.07	0.94	0.56	0.58	0.76
	-0.26	-4.05	-4.52	-4.14	-4.52	0.00	-0.03	-8.08	-10.05	-4.99	-3.25	-10.99	-21.93	-16.51	-25.17	-24.72	-21.81	-26.95	-20.28	-23.31	-18.96	-23.33	-18.36	-11.56
ADK S GLENS___FALLS	24.39	22.43	21.53	20.52	21.36	18.89	22.59	27.63	30.39	32.67	31.36	33.63	35.05	34.11	34.36	33.70	33.69	38.69	41.40	40.33	34.83	33.28	28.79	25.67
24028	1.19	0.88	0.83	0.72	0.77	0.85	1.24	1.00	1.06	1.49	1.62	1.36	0.76	1.00	0.47	0.48	0.63	0.65	1.18	0.99	0.88	0.53	0.54	0.72
	-0.26	-4.05	-4.52	-4.14	-4.52	0.00	-0.03	-8.08	-10.04	-4.98	-3.25	-10.98	-21.91	-16.49	-25.15	-24.70	-21.83	-26.97	-20.30	-23.33	-18.97	-23.35	-18.37	-11.57
ADK_NYS___DAM	24.35	22.30	21.37	20.42	21.24	18.98	22.46	27.26	29.97	32.39	31.07	33.04	34.22	33.47	33.46	32.79	32.84	37.62	40.48	39.29	34.01	32.38	28.09	25.23
23527	1.17	0.89	0.83	0.77	0.80	0.94	1.11	0.91	0.98	1.39	1.43	1.15	0.68	0.93	0.44	0.42	0.56	0.56	1.00	0.80	0.75	0.47	0.51	0.71
	-0.25	-3.91	-4.36	-3.99	-4.36	0.00	-0.03	-7.80	-9.69	-4.81	-3.14	-10.60	-21.16	-15.93	-24.28	-23.85	-21.04	-26.00	-19.56	-22.48	-18.28	-22.50	-17.71	-11.15
AIR_PRODUCTS___DRP	24.01	22.09	21.18	20.25	21.06	18.70	22.21	27.14	29.82	32.02	30.68	32.84	34.25	33.36	33.61	32.93	32.96	37.79	40.47	39.37	34.05	32.54	28.18	25.19
24190	0.83	0.63	0.58	0.55	0.58	0.65	0.85	0.71	0.73	0.97	1.01	0.83	0.48	0.65	0.32	0.31	0.42	0.41	0.74	0.59	0.57	0.35	0.38	0.52
	-0.25	-3.95	-4.41	-4.04	-4.41	0.00	-0.03	-7.88	-9.79	-4.86	-3.17	-10.72	-21.38	-16.10	-24.54	-24.11	-21.30	-26.32	-19.81	-22.76	-18.51	-22.79	-17.93	-11.29
AKWESSNE_115KV_BK	22.52	17.22	15.91	15.44	15.83	17.72	20.89	18.18	18.93	25.83	26.05	20.91	12.11	16.25	8.54	8.31	10.92	10.73	6.47	2.56	2.06	1.07	1.06	1.04
355683	-0.41	-0.28	-0.28	-0.22	-0.24	-0.32	-0.43	-0.37	-0.37	-0.37	-0.45	-0.38	-0.27	-0.37	-0.21	-0.21	-0.31	-0.33	-0.64	-0.50	-0.46	-0.28	-0.30	-0.41
	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	12.81	12.95	12.45	8.06	8.52	11.92
ALBANY___1	24.01	22.09	21.18	20.25	21.06	18.70	22.21	27.14	29.82	32.02	30.68	32.84	34.25	33.36	33.61	32.93	32.96	37.79	40.47	39.37	34.05	32.54	28.18	25.19
23571	0.83	0.63	0.58	0.55	0.58	0.65	0.85	0.71	0.73	0.97	1.01	0.83	0.48	0.65	0.32	0.31	0.42	0.41	0.74	0.59	0.57	0.35	0.38	0.52
	-0.25	-3.95	-4.41	-4.04	-4.41	0.00	-0.03	-7.88	-9.79	-4.86	-3.17	-10.72	-21.38	-16.10	-24.54	-24.11	-21.30	-26.32	-19.81	-22.76	-18.51	-22.79	-17.93	-11.29
ALBANY___2	24.01	22.09	21.18	20.25	21.06	18.70	22.21	27.14	29.82	32.02	30.68	32.84	34.25	33.36	33.61	32.93	32.96	37.79	40.47	39.37	34.05	32.54	28.18	25.19
23572	0.83	0.63	0.58	0.55	0.58	0.65	0.85	0.71	0.73	0.97	1.01	0.83	0.48	0.65	0.32	0.31	0.42	0.41	0.74	0.59	0.57	0.35	0.38	0.52
	-0.25	-3.95	-4.41	-4.04	-4.41	0.00	-0.03	-7.88	-9.79	-4.86	-3.17	-10.72	-21.38	-16.10	-24.54	-24.11	-21.30	-26.32	-19.81	-22.76	-18.51	-22.79	-17.93	-11.29
ALBANY___3	24.01	22.09	21.18	20.25	21.06	18.70	22.21	27.14	29.82	32.02	30.68	32.84	34.25	33.36	33.61	32.93	32.96	37.79	40.47	39.37	34.05	32.54	28.18	25.19
23573	0.83	0.63	0.58	0.55	0.58	0.65	0.85	0.71	0.73	0.97	1.01	0.83	0.48	0.65	0.32	0.31	0.42	0.41	0.74	0.59	0.57	0.35	0.38	0.52
	-0.25	-3.95	-4.41	-4.04	-4.41	0.00	-0.03	-7.88	-9.79	-4.86	-3.17	-10.72	-21.38	-16.10	-24.54	-24.11	-21.30	-26.32	-19.81	-22.76	-18.51	-22.79	-17.93	-11.29

ALBANY___4 23574	24.01 0.83 -0.25	22.09 0.63 -3.95	21.18 0.58 -4.41	20.25 0.55 -4.04	21.06 0.58 -4.41	18.70 0.65 0.00	22.21 0.85 -0.03	27.14 0.71 -7.88	29.82 0.73 -9.79	32.02 0.97 -4.86	30.68 1.01 -3.17	32.84 0.83 -10.72	34.25 0.48 -21.38	33.36 0.65 -16.10	33.61 0.32 -24.54	32.93 0.31 -24.11	32.96 0.42 -21.30	37.79 0.41 -26.32	40.47 0.74 -19.81	39.37 0.59 -22.76	34.05 0.57 -18.51	32.54 0.35 -22.79	28.18 0.38 -17.93	25.19 0.52 -11.29
ALBANY___LFGE 323615	24.15 0.96 -0.26	22.20 0.72 -3.98	21.29 0.66 -4.44	20.35 0.63 -4.06	21.17 0.66 -4.44	18.80 0.76 0.00	22.34 0.98 -0.03	27.31 0.82 -7.93	30.00 0.85 -9.86	32.21 1.13 -4.89	30.85 1.16 -3.19	33.06 0.98 -10.79	34.48 0.57 -21.52	33.58 0.76 -16.20	33.82 0.38 -24.70	33.15 0.37 -24.27	33.13 0.48 -21.41	38.00 0.49 -26.45	40.71 0.88 -19.90	39.59 0.70 -22.88	34.23 0.66 -18.60	32.71 0.40 -22.90	28.32 0.43 -18.02	25.31 0.59 -11.35
ALCOA_PA_115KV_PL-6C 55860	22.61 -0.32 0.00	17.29 -0.21 0.00	15.98 -0.21 0.00	15.50 -0.16 0.00	15.90 -0.18 0.00	17.79 -0.25 0.00	20.96 -0.36 0.00	18.24 -0.32 0.00	19.01 -0.29 0.00	25.96 -0.24 0.00	26.18 -0.32 0.00	20.99 -0.30 0.00	12.13 -0.25 0.00	16.28 -0.33 0.00	8.55 -0.19 0.00	8.33 -0.20 0.00	10.93 -0.30 0.00	10.74 -0.32 0.00	6.93 -0.60 12.39	3.00 -0.48 12.53	2.50 -0.43 12.04	1.36 -0.25 7.79	1.37 -0.26 8.24	1.48 -0.36 11.53
ALCOA_RYNLDS___DRP 24188	22.61 -0.32 0.00	17.29 -0.21 0.00	15.98 -0.21 0.00	15.50 -0.16 0.00	15.90 -0.18 0.00	17.79 -0.25 0.00	20.96 -0.36 0.00	18.24 -0.32 0.00	19.01 -0.29 0.00	25.96 -0.24 0.00	26.18 -0.32 0.00	20.99 -0.30 0.00	12.13 -0.25 0.00	16.28 -0.33 0.00	8.55 -0.19 0.00	8.33 -0.20 0.00	10.93 -0.30 0.00	10.74 -0.32 0.00	6.93 -0.60 12.39	3.00 -0.48 12.53	2.50 -0.43 12.04	1.36 -0.25 7.79	1.37 -0.26 8.24	1.48 -0.36 11.53
ALCOA___DSASP 323711	22.61 -0.32 0.00	17.30 -0.21 0.00	15.98 -0.21 0.00	15.50 -0.16 0.00	15.90 -0.18 0.00	17.81 -0.24 0.00	20.96 -0.36 0.00	18.26 -0.30 0.00	19.01 -0.29 0.00	25.96 -0.24 0.00	26.18 -0.32 0.00	20.99 -0.30 0.00	12.14 -0.25 0.00	16.28 -0.33 0.00	8.55 -0.19 0.00	8.33 -0.20 0.00	10.93 -0.30 0.00	10.74 -0.32 0.00	6.93 -0.60 12.39	3.00 -0.48 12.53	2.50 -0.43 12.04	1.36 -0.25 7.79	1.37 -0.26 8.24	1.48 -0.36 11.53
ALLEGHENY___COGEN 23514	24.26 1.26 -0.06	19.32 0.82 -0.99	18.05 0.76 -1.10	17.31 0.64 -1.01	17.84 0.66 -1.10	19.04 0.99 0.00	22.37 1.04 -0.01	21.29 0.76 -1.97	22.44 0.69 -2.45	27.93 0.52 -1.21	27.71 0.42 -0.79	24.24 0.28 -2.68	17.94 0.21 -5.34	20.97 0.33 -4.02	15.10 0.22 -6.13	14.81 0.26 -6.02	16.95 0.47 -5.24	18.16 0.62 -6.48	26.08 1.28 -4.87	22.65 1.04 -5.60	20.47 0.94 -4.56	15.57 0.55 -5.61	14.90 0.61 -4.41	17.01 0.86 -2.78
ALTAMONT_115KV_TB 2 55880	24.01 0.83 -0.25	22.09 0.63 -3.96	21.20 0.60 -4.41	20.27 0.56 -4.04	21.07 0.58 -4.41	18.70 0.65 0.00	22.19 0.83 -0.03	27.15 0.71 -7.89	29.83 0.73 -9.81	32.03 0.97 -4.87	30.65 0.98 -3.17	32.83 0.81 -10.73	34.26 0.47 -21.41	33.36 0.63 -16.11	33.63 0.31 -24.57	32.97 0.32 -24.13	32.98 0.42 -21.33	37.83 0.42 -26.35	40.51 0.76 -19.83	39.41 0.61 -22.79	34.07 0.57 -18.53	32.57 0.36 -22.81	28.19 0.38 -17.95	25.19 0.51 -11.30
ALTONA_WT_PWR 323606	22.84 -0.09 0.00	17.50 0.00 0.00	16.20 0.02 0.00	15.80 0.14 0.00	16.25 0.18 0.00	18.26 0.22 0.00	21.49 0.17 0.00	18.69 0.13 0.00	19.49 0.19 0.00	26.72 0.52 0.00	26.87 0.37 0.00	21.57 0.28 0.00	12.43 0.05 0.00	16.65 0.03 0.00	8.72 -0.03 0.00	8.46 -0.06 0.00	11.09 -0.15 0.00	10.77 -0.29 0.00	6.53 -0.74 12.65	2.44 -0.78 12.79	1.88 -0.79 12.30	0.89 -0.55 7.96	0.84 -0.61 8.42	0.68 -0.92 11.77
AMERICAN_REF_FUEL 24010	22.90 -0.09 -0.06	18.41 -0.03 -0.94	17.31 0.08 -1.04	16.51 -0.11 -0.96	17.01 -0.11 -1.04	18.12 0.07 0.00	21.26 -0.06 -0.01	19.87 -0.56 -1.87	20.75 -0.87 -2.32	25.80 -1.55 -1.15	25.79 -1.46 -0.75	22.80 -1.02 -2.54	16.94 -0.51 -5.06	19.76 -0.67 -3.81	14.26 -0.30 -5.81	13.98 -0.25 -5.71	15.94 -0.27 -4.97	16.96 -0.24 -6.15	24.01 -0.54 -4.62	20.99 -0.34 -5.31	19.01 -0.28 -4.32	14.56 -0.16 -5.32	13.96 -0.10 -4.19	16.08 0.07 -2.64
ARKWRIGHT___SUMMIT_WT_PWR 323751	23.71 0.71 -0.06	18.91 0.40 -1.00	17.77 0.47 -1.12	16.88 0.20 -1.02	17.35 0.16 -1.12	18.68 0.63 0.00	21.54 0.21 -0.01	20.31 -0.24 -1.99	21.19 -0.58 -2.48	26.22 -1.20 -1.23	26.14 -1.17 -0.80	23.15 -0.85 -2.71	17.32 -0.47 -5.40	20.02 -0.67 -4.07	14.63 -0.31 -6.20	14.35 -0.26 -6.09	16.28 -0.27 -5.31	17.39 -0.23 -6.56	24.44 -0.42 -4.94	21.46 -0.22 -5.67	19.42 -0.16 -4.61	15.00 -0.08 -5.68	14.33 -0.01 -4.47	16.31 0.12 -2.81
ARTHUR_KILL_GT_1 23520	24.61 1.47 -0.21	21.89 1.12 -3.26	20.88 1.05 -3.64	19.93 0.94 -3.34	20.75 1.03 -3.64	19.05 1.01 0.01	22.75 1.41 -0.02	26.39 1.32 -6.52	28.71 1.31 -8.10	31.94 1.73 -4.02	30.86 1.75 -2.61	31.52 1.36 -8.86	30.88 0.80 -17.69	31.01 1.08 -13.31	29.62 0.57 -20.30	29.04 0.57 -19.94	29.58 0.75 -17.59	33.45 0.65 -21.73	37.51 1.24 -16.35	35.80 0.99 -18.79	31.29 1.03 -15.28	28.86 0.65 -18.81	25.33 0.66 -14.80	23.58 0.88 -9.33
ARTHUR_KILL_2 23512	24.57 1.42 -0.21	21.86 1.09 -3.26	20.85 1.02 -3.64	19.90 0.91 -3.34	20.70 0.98 -3.64	19.01 0.97 0.01	22.68 1.34 -0.02	26.33 1.26 -6.52	28.65 1.25 -8.10	31.89 1.68 -4.02	30.79 1.67 -2.61	31.47 1.32 -8.86	30.85 0.78 -17.69	30.96 1.03 -13.31	29.59 0.54 -20.30	29.01 0.55 -19.94	29.54 0.72 -17.59	33.41 0.62 -21.73	37.45 1.18 -16.35	35.75 0.94 -18.79	31.24 0.99 -15.28	28.84 0.63 -18.81	25.31 0.64 -14.80	23.56 0.86 -9.33
ARTHUR_KILL_3 23513	24.34 1.19 -0.21	21.68 0.91 -3.26	20.73 0.91 -3.64	19.82 0.83 -3.34	20.60 0.88 -3.64	18.95 0.90 0.00	22.58 1.24 -0.03	26.28 1.21 -6.52	28.67 1.27 -8.11	31.84 1.62 -4.02	30.74 1.62 -2.62	31.44 1.28 -8.87	30.84 0.76 -17.70	30.92 0.98 -13.32	29.56 0.51 -20.31	28.98 0.50 -19.95	29.49 0.66 -17.59	33.42 0.62 -21.74	37.44 1.16 -16.36	35.75 0.94 -18.80	31.13 0.87 -15.29	28.78 0.55 -18.82	25.27 0.59 -14.81	23.49 0.79 -9.33
ARTHUR_KILL_COGEN 323718	24.61 1.47 -0.21	21.89 1.12 -3.26	20.88 1.05 -3.64	19.93 0.94 -3.34	20.75 1.03 -3.64	19.05 1.01 0.01	22.75 1.41 -0.02	26.39 1.32 -6.52	28.71 1.31 -8.10	31.94 1.73 -4.02	30.86 1.75 -2.61	31.52 1.36 -8.86	30.88 0.80 -17.69	31.01 1.08 -13.31	29.62 0.57 -20.30	29.04 0.57 -19.94	29.58 0.75 -17.59	33.45 0.65 -21.73	37.51 1.24 -16.35	35.80 0.99 -18.79	31.29 1.03 -15.28	28.86 0.65 -18.81	25.33 0.66 -14.80	23.58 0.88 -9.33
ASHOKAN____ 23654	24.29 1.12 -0.23	21.33 0.26 -3.56	20.36 0.19 -3.97	19.49 0.19 -3.64	20.27 0.22 -3.97	18.75 0.70 0.00	22.22 0.87 -0.03	25.93 0.26 -7.11	28.46 0.33 -8.84	30.95 0.37 -4.39	29.65 0.29 -2.86	31.26 0.30 -9.67	31.85 0.17 -19.29	31.37 0.23 -14.52	30.98 0.09 -22.14	30.39 0.12 -21.75	30.61 0.19 -19.18	35.00 0.23 -23.70	38.26 0.50 -17.84	36.83 0.32 -20.50	31.90 0.25 -16.67	30.08 0.16 -20.52	26.15 0.13 -16.14	23.78 0.24 -10.17

ASTORIA_EAST_ENERGY_CC1 323581	24.31 1.17 -0.21	21.68 0.91 -3.26	20.69 0.86 -3.64	19.75 0.75 -3.34	20.54 0.82 -3.64	18.80 0.76 0.01	22.38 1.04 -0.02	26.11 1.04 -6.52	28.49 1.10 -8.10	31.62 1.41 -4.02	30.52 1.40 -2.61	31.28 1.13 -8.86	30.73 0.66 -17.69	30.79 0.86 -13.31	29.49 0.44 -20.30	28.90 0.43 -19.94	29.40 0.57 -17.59	33.35 0.55 -21.73	37.29 1.02 -16.35	35.63 0.83 -18.79	31.00 0.75 -15.28	28.68 0.47 -18.81	25.16 0.49 -14.80	23.40 0.70 -9.33
ASTORIA_EAST_ENERGY_CC2 323582	24.31 1.17 -0.21	21.68 0.91 -3.26	20.69 0.86 -3.64	19.75 0.75 -3.34	20.54 0.82 -3.64	18.80 0.76 0.01	22.38 1.04 -0.02	26.11 1.04 -6.52	28.49 1.10 -8.10	31.62 1.41 -4.02	30.52 1.40 -2.61	31.28 1.13 -8.86	30.73 0.66 -17.69	30.79 0.86 -13.31	29.49 0.44 -20.30	28.90 0.43 -19.94	29.40 0.57 -17.59	33.35 0.55 -21.73	37.29 1.02 -16.35	35.63 0.83 -18.79	31.00 0.75 -15.28	28.68 0.47 -18.81	25.16 0.49 -14.80	23.40 0.70 -9.33
ASTORIA_GT2_1 24094	24.31 1.17 -0.21	21.70 0.93 -3.26	20.69 0.86 -3.64	19.76 0.77 -3.34	20.50 0.79 -3.64	18.80 0.76 0.00	22.41 1.07 -0.03	26.09 1.02 -6.51	28.51 1.12 -8.09	31.65 1.44 -4.02	30.52 1.40 -2.62	31.27 1.13 -8.85	30.70 0.66 -17.66	30.78 0.86 -13.30	29.46 0.45 -20.27	28.88 0.44 -19.91	29.44 0.58 -17.62	33.40 0.56 -21.77	37.34 1.04 -16.38	35.69 0.85 -18.83	31.05 0.76 -15.31	28.73 0.48 -18.85	25.20 0.50 -14.83	23.41 0.70 -9.34
ASTORIA_GT2_2 24095	24.31 1.17 -0.21	21.70 0.93 -3.26	20.69 0.86 -3.64	19.76 0.77 -3.34	20.50 0.79 -3.64	18.80 0.76 0.00	22.41 1.07 -0.03	26.09 1.02 -6.51	28.51 1.12 -8.09	31.65 1.44 -4.02	30.52 1.40 -2.62	31.27 1.13 -8.85	30.70 0.66 -17.66	30.78 0.86 -13.30	29.46 0.45 -20.27	28.88 0.44 -19.91	29.44 0.58 -17.62	33.40 0.56 -21.77	37.34 1.04 -16.38	35.69 0.85 -18.83	31.05 0.76 -15.31	28.73 0.48 -18.85	25.20 0.50 -14.83	23.41 0.70 -9.34
ASTORIA_GT2_3 24096	24.31 1.17 -0.21	21.70 0.93 -3.26	20.69 0.86 -3.64	19.76 0.77 -3.34	20.50 0.79 -3.64	18.80 0.76 0.00	22.41 1.07 -0.03	26.09 1.02 -6.51	28.51 1.12 -8.09	31.65 1.44 -4.02	30.52 1.40 -2.62	31.27 1.13 -8.85	30.70 0.66 -17.66	30.78 0.86 -13.30	29.46 0.45 -20.27	28.88 0.44 -19.91	29.44 0.58 -17.62	33.40 0.56 -21.77	37.34 1.04 -16.38	35.69 0.85 -18.83	31.05 0.76 -15.31	28.73 0.48 -18.85	25.20 0.50 -14.83	23.41 0.70 -9.34
ASTORIA_GT2_4 24097	24.31 1.17 -0.21	21.70 0.93 -3.26	20.69 0.86 -3.64	19.76 0.77 -3.34	20.50 0.79 -3.64	18.80 0.76 0.00	22.41 1.07 -0.03	26.09 1.02 -6.51	28.51 1.12 -8.09	31.65 1.44 -4.02	30.52 1.40 -2.62	31.27 1.13 -8.85	30.70 0.66 -17.66	30.78 0.86 -13.30	29.46 0.45 -20.27	28.88 0.44 -19.91	29.44 0.58 -17.62	33.40 0.56 -21.77	37.34 1.04 -16.38	35.69 0.85 -18.83	31.05 0.76 -15.31	28.73 0.48 -18.85	25.20 0.50 -14.83	23.41 0.70 -9.34
ASTORIA_GT3_1 24098	24.31 1.17 -0.21	21.70 0.93 -3.26	20.69 0.86 -3.64	19.76 0.77 -3.34	20.50 0.79 -3.64	18.80 0.76 0.00	22.41 1.07 -0.03	26.09 1.02 -6.51	28.51 1.12 -8.09	31.65 1.44 -4.02	30.52 1.40 -2.62	31.27 1.13 -8.85	30.70 0.66 -17.66	30.78 0.86 -13.30	29.46 0.45 -20.27	28.88 0.44 -19.91	29.44 0.58 -17.62	33.40 0.56 -21.77	37.34 1.04 -16.38	35.69 0.85 -18.83	31.05 0.76 -15.31	28.73 0.48 -18.85	25.20 0.50 -14.83	23.41 0.70 -9.34

ASTORIA_GT_10 24110	24.38 1.24 -0.21	21.73 0.96 -3.26	20.75 0.92 -3.64	19.83 0.83 -3.34	20.57 0.85 -3.64	18.91 0.87 0.00	22.56 1.22 -0.03	26.22 1.15 -6.51	28.62 1.23 -8.09	31.78 1.57 -4.02	30.66 1.54 -2.62	31.40 1.26 -8.85	30.78 0.73 -17.66	30.88 0.96 -13.30	29.51 0.49 -20.27	28.92 0.49 -19.91	29.51 0.65 -17.62	33.46 0.63 -21.77	37.46 1.16 -16.38	35.77 0.93 -18.83	31.14 0.85 -15.31	28.80 0.55 -18.85	25.28 0.58 -14.83	23.49 0.78 -9.34
ASTORIA_GT_11 24225	24.38 1.24 -0.21	21.73 0.96 -3.26	20.75 0.92 -3.64	19.83 0.83 -3.34	20.57 0.85 -3.64	18.91 0.87 0.00	22.56 1.22 -0.03	26.22 1.15 -6.51	28.62 1.23 -8.09	31.78 1.57 -4.02	30.66 1.54 -2.62	31.40 1.26 -8.85	30.78 0.73 -17.66	30.88 0.96 -13.30	29.51 0.49 -20.27	28.92 0.49 -19.91	29.51 0.65 -17.62	33.46 0.63 -21.77	37.46 1.16 -16.38	35.77 0.93 -18.83	31.14 0.85 -15.31	28.80 0.55 -18.85	25.28 0.58 -14.83	23.49 0.78 -9.34
ASTORIA_GT_12 24226	24.38 1.24 -0.21	21.73 0.96 -3.26	20.75 0.92 -3.64	19.83 0.83 -3.34	20.57 0.85 -3.64	18.91 0.87 0.00	22.56 1.22 -0.03	26.22 1.15 -6.51	28.62 1.23 -8.09	31.78 1.57 -4.02	30.66 1.54 -2.62	31.40 1.26 -8.85	30.78 0.73 -17.66	30.88 0.96 -13.30	29.51 0.49 -20.27	28.92 0.49 -19.91	29.51 0.65 -17.62	33.46 0.63 -21.77	37.46 1.16 -16.38	35.77 0.93 -18.83	31.14 0.85 -15.31	28.80 0.55 -18.85	25.28 0.58 -14.83	23.49 0.78 -9.34
ASTORIA_GT_13 24227	24.38 1.24 -0.21	21.73 0.96 -3.26	20.75 0.92 -3.64	19.83 0.83 -3.34	20.57 0.85 -3.64	18.91 0.87 0.00	22.56 1.22 -0.03	26.22 1.15 -6.51	28.62 1.23 -8.09	31.78 1.57 -4.02	30.66 1.54 -2.62	31.40 1.26 -8.85	30.78 0.73 -17.66	30.88 0.96 -13.30	29.51 0.49 -20.27	28.92 0.49 -19.91	29.51 0.65 -17.62	33.46 0.63 -21.77	37.46 1.16 -16.38	35.77 0.93 -18.83	31.14 0.85 -15.31	28.80 0.55 -18.85	25.28 0.58 -14.83	23.49 0.78 -9.34
ASTORIA_GT_5 24106	24.36 1.21 -0.21	21.71 0.94 -3.26	20.72 0.89 -3.64	19.78 0.78 -3.34	20.57 0.85 -3.64	18.83 0.79 0.01	22.43 1.09 -0.02	26.15 1.08 -6.52	28.53 1.14 -8.10	31.67 1.47 -4.02	30.57 1.46 -2.61	31.32 1.17 -8.86	30.75 0.68 -17.69	30.83 0.90 -13.31	29.50 0.45 -20.30	28.92 0.45 -19.94	29.42 0.60 -17.59	33.37 0.57 -21.73	37.35 1.08 -16.35	35.67 0.86 -18.79	31.03 0.78 -15.28	28.70 0.49 -18.81	25.18 0.51 -14.80	23.42 0.72 -9.33
ASTORIA_GT_7 24107	24.36 1.21 -0.21	21.71 0.94 -3.26	20.72 0.89 -3.64	19.78 0.78 -3.34	20.57 0.85 -3.64	18.83 0.79 0.01	22.43 1.09 -0.02	26.15 1.08 -6.52	28.53 1.14 -8.10	31.67 1.47 -4.02	30.57 1.46 -2.61	31.32 1.17 -8.86	30.75 0.68 -17.69	30.83 0.90 -13.31	29.50 0.45 -20.30	28.92 0.45 -19.94	29.42 0.60 -17.59	33.37 0.57 -21.73	37.35 1.08 -16.35	35.67 0.86 -18.79	31.03 0.78 -15.28	28.70 0.49 -18.81	25.18 0.51 -14.80	23.42 0.72 -9.33
ASTORIA_GT_8 24108	24.36 1.22 -0.21	21.72 0.95 -3.26	20.72 0.89 -3.64	19.78 0.78 -3.34	20.52 0.80 -3.64	18.82 0.78 0.00	22.44 1.09 -0.03	26.12 1.06 -6.51	28.54 1.16 -8.09	31.68 1.47 -4.02	30.58 1.46 -2.62	31.31 1.17 -8.85	30.73 0.68 -17.66	30.81 0.90 -13.30	29.47 0.45 -20.27	28.89 0.45 -19.91	29.45 0.60 -17.62	33.42 0.59 -21.77	37.38 1.08 -16.38	35.70 0.86 -18.83	31.06 0.78 -15.31	28.74 0.49 -18.85	25.21 0.51 -14.83	23.44 0.72 -9.34
ASTORIA___2 24149	24.34 1.19 -0.21	21.70 0.93 -3.26	20.69 0.86 -3.64	19.76 0.77 -3.34	20.55 0.84 -3.64	18.81 0.78 0.01	22.41 1.07 -0.02	26.13 1.06 -6.52	28.51 1.12 -8.10	31.65 1.44 -4.02	30.55 1.43 -2.61	31.28 1.13 -8.86	30.73 0.66 -17.69	30.79 0.86 -13.31	29.49 0.45 -20.30	28.91 0.44 -19.94	29.41 0.58 -17.59	33.35 0.55 -21.73	37.31 1.04 -16.35	35.65 0.85 -18.79	31.02 0.76 -15.28	28.69 0.48 -18.81	25.17 0.50 -14.80	23.40 0.70 -9.33
ASTORIA___3 23516	24.38 1.24 -0.21	21.73 0.96 -3.26	20.75 0.92 -3.64	19.82 0.83 -3.34	20.62 0.90 -3.64	18.94 0.90 0.01	22.55 1.21 -0.02	26.24 1.17 -6.52	28.63 1.24 -8.10	31.78 1.57 -4.02	30.68 1.56 -2.61	31.41 1.26 -8.86	30.80 0.73 -17.69	30.89 0.96 -13.31	29.54 0.49 -20.30	28.95 0.49 -19.94	29.47 0.65 -17.59	33.41 0.62 -21.73	37.43 1.16 -16.35	35.75 0.94 -18.79	31.11 0.85 -15.28	28.76 0.55 -18.81	25.25 0.58 -14.80	23.48 0.78 -9.33
ASTORIA___4 23517	24.38 1.24 -0.21	21.73 0.96 -3.26	20.75 0.92 -3.64	19.83 0.83 -3.34	20.57 0.85 -3.64	18.91 0.87 0.00	22.56 1.22 -0.03	26.22 1.15 -6.51	28.62 1.23 -8.09	31.78 1.57 -4.02	30.66 1.54 -2.62	31.40 1.26 -8.85	30.78 0.73 -17.66	30.88 0.96 -13.30	29.51 0.49 -20.27	28.92 0.49 -19.91	29.51 0.65 -17.62	33.46 0.63 -21.77	37.46 1.16 -16.38	35.77 0.93 -18.83	31.14 0.85 -15.31	28.80 0.55 -18.85	25.28 0.58 -14.83	23.49 0.78 -9.34
ASTORIA___5 23518	24.38 1.24 -0.21	21.73 0.96 -3.26	20.75 0.92 -3.64	19.82 0.83 -3.34	20.62 0.90 -3.64	18.94 0.90 0.01	22.53 1.19 -0.02	26.24 1.17 -6.52	28.63 1.24 -8.10	31.78 1.57 -4.02	30.68 1.56 -2.61	31.41 1.26 -8.86	30.80 0.73 -17.69	30.89 0.96 -13.31	29.54 0.49 -20.30	28.95 0.49 -19.94	29.47 0.65 -17.59	33.41 0.62 -21.73	37.43 1.16 -16.35	35.75 0.94 -18.79	31.11 0.85 -15.28	28.76 0.55 -18.81	25.25 0.58 -14.80	23.48 0.78 -9.33
AST_ENERGY_2_CC3 323677	24.50 1.35 -0.21	21.80 1.03 -3.26	20.80 0.97 -3.64	19.89 0.89 -3.34	20.68 0.96 -3.64	19.06 1.01 0.00	22.69 1.34 -0.03	26.38 1.30 -6.52	28.75 1.35 -8.11	31.97 1.76 -4.02	30.84 1.72 -2.62	31.54 1.38 -8.87	30.89 0.80 -17.70	31.00 1.06 -13.32	29.60 0.54 -20.31	29.01 0.54 -19.95	29.55 0.72 -17.59	33.49 0.69 -21.74	37.56 1.28 -16.36	35.85 1.04 -18.80	31.21 0.94 -15.29	28.83 0.60 -18.82	25.32 0.64 -14.81	23.56 0.86 -9.33
AST_ENERGY_2_CC4 323678	24.50 1.35 -0.21	21.80 1.03 -3.26	20.80 0.97 -3.64	19.89 0.89 -3.34	20.68 0.96 -3.64	19.06 1.01 0.00	22.69 1.34 -0.03	26.38 1.30 -6.52	28.75 1.35 -8.11	31.97 1.76 -4.02	30.84 1.72 -2.62	31.54 1.38 -8.87	30.89 0.80 -17.70	31.00 1.06 -13.32	29.60 0.54 -20.31	29.01 0.54 -19.95	29.55 0.72 -17.59	33.49 0.69 -21.74	37.56 1.28 -16.36	35.85 1.04 -18.80	31.21 0.94 -15.29	28.83 0.60 -18.82	25.32 0.64 -14.81	23.56 0.86 -9.33
ATHENS_STG_1 23668	24.08 0.92 -0.23	21.80 0.70 -3.59	20.84 0.65 -4.01	19.95 0.63 -3.67	20.72 0.64 -4.01	18.75 0.70 0.00	22.27 0.92 -0.03	26.54 0.82 -7.17	29.01 0.81 -8.91	31.66 1.05 -4.42	30.44 1.06 -2.88	31.89 0.85 -9.74	32.33 0.51 -19.44	31.91 0.67 -14.63	31.40 0.34 -22.31	30.77 0.33 -21.92	31.02 0.45 -19.33	35.38 0.43 -23.88	38.70 0.80 -17.97	37.31 0.64 -20.66	32.37 0.60 -16.80	30.46 0.38 -20.68	26.54 0.40 -16.27	24.17 0.55 -10.25
ATHENS_STG_2 23670	24.08 0.92 -0.23	21.80 0.70 -3.59	20.84 0.65 -4.01	19.95 0.63 -3.67	20.72 0.64 -4.01	18.75 0.70 0.00	22.27 0.92 -0.03	26.54 0.82 -7.17	29.01 0.81 -8.91	31.66 1.05 -4.42	30.44 1.06 -2.88	31.89 0.85 -9.74	32.33 0.51 -19.44	31.91 0.67 -14.63	31.40 0.34 -22.31	30.77 0.33 -21.92	31.02 0.45 -19.33	35.38 0.43 -23.88	38.70 0.80 -17.97	37.31 0.64 -20.66	32.37 0.60 -16.80	30.46 0.38 -20.68	26.54 0.40 -16.27	24.17 0.55 -10.25

ATHENS_STG_3 23677	24.08 0.92 -0.23	21.80 0.70 -3.59	20.84 0.65 -4.01	19.95 0.63 -3.67	20.72 0.64 -4.01	18.75 0.70 0.00	22.27 0.92 -0.03	26.54 0.82 -7.17	29.01 0.81 -8.91	31.66 1.05 -4.42	30.44 1.06 -2.88	31.89 0.85 -9.74	32.33 0.51 -19.44	31.91 0.67 -14.63	31.40 0.34 -22.31	30.77 0.33 -21.92	31.02 0.45 -19.33	35.38 0.43 -23.88	38.70 0.80 -17.97	37.31 0.64 -20.66	32.37 0.60 -16.80	30.46 0.38 -20.68	26.54 0.40 -16.27	24.17 0.55 -10.25
AUBURN____LFGE 323710	23.49 0.50 -0.05	18.69 0.33 -0.85	17.45 0.31 -0.95	16.78 0.25 -0.87	17.30 0.27 -0.95	18.48 0.43 0.00	21.78 0.45 -0.01	20.69 0.43 -1.70	21.84 0.42 -2.12	27.77 0.52 -1.05	27.77 0.58 -0.69	24.10 0.49 -2.32	17.33 0.32 -4.62	20.54 0.45 -3.48	14.30 0.25 -5.30	14.00 0.26 -5.21	16.23 0.39 -4.60	17.17 0.42 -5.68	24.96 0.76 -4.28	21.53 0.61 -4.92	19.53 0.55 -4.00	14.66 0.34 -4.92	14.09 0.35 -3.87	16.28 0.47 -2.44
BABYLON_RES_REC 323704	25.10 1.95 -0.21	22.17 1.40 -3.27	21.06 1.23 -3.64	20.06 1.07 -3.34	20.95 1.24 -3.64	19.47 1.43 0.00	23.21 1.85 -0.04	28.04 1.87 -7.61	29.33 1.91 -8.12	33.16 2.54 -4.43	31.62 2.17 -2.95	32.08 1.58 -9.22	31.52 1.04 -18.09	31.62 1.30 -13.71	30.29 0.79 -20.76	29.80 0.79 -20.49	30.44 1.03 -18.17	35.69 0.80 -23.83	42.31 1.56 -20.83	36.56 1.28 -19.26	31.99 1.27 -15.75	29.65 0.88 -19.36	26.42 0.97 -15.58	24.02 1.31 -9.34
BABYLON__69_KV_BK2 356345	25.41 2.25 -0.23	22.38 1.61 -3.27	21.25 1.42 -3.64	20.23 1.24 -3.34	21.05 1.33 -3.64	19.69 1.64 0.00	23.48 2.13 -0.03	27.18 2.10 -6.53	29.57 2.16 -8.12	34.28 2.91 -5.18	32.46 2.41 -3.55	32.99 1.85 -9.85	32.38 1.20 -18.79	32.54 1.53 -14.39	31.19 0.91 -21.53	30.86 0.91 -21.42	31.69 1.19 -19.27	39.72 0.93 -27.73	50.86 1.79 -29.14	37.65 1.49 -20.15	33.02 1.42 -16.62	30.72 1.02 -20.30	27.71 1.11 -16.73	24.22 1.50 -9.35
BALL_HILL_WT_PWR 323825	23.43 0.43 -0.06	18.72 0.23 -0.99	17.59 0.31 -1.10	16.78 0.11 -1.01	17.29 0.11 -1.10	18.66 0.61 0.00	21.63 0.30 -0.01	20.39 -0.13 -1.97	21.27 -0.46 -2.44	26.44 -0.97 -1.21	26.39 -0.90 -0.79	23.37 -0.60 -2.67	17.42 -0.30 -5.33	20.23 -0.40 -4.02	14.70 -0.17 -6.12	14.41 -0.13 -6.01	16.39 -0.09 -5.24	17.47 -0.07 -6.48	24.66 -0.14 -4.87	21.58 -0.03 -5.60	19.53 0.00 -4.55	15.01 0.00 -5.61	14.34 0.06 -4.41	16.35 0.20 -2.78
BARON_WINDS____WT_PWR 323822	23.58 0.57 -0.07	18.99 0.33 -1.15	17.83 0.36 -1.29	17.07 0.24 -1.18	17.59 0.22 -1.29	18.66 0.61 0.00	21.76 0.43 -0.01	20.99 0.13 -2.30	22.06 -0.10 -2.86	27.27 -0.34 -1.42	27.13 -0.29 -0.93	24.23 -0.19 -3.13	18.55 -0.07 -6.24	21.20 -0.12 -4.70	15.87 -0.03 -7.16	15.54 -0.02 -7.04	17.42 0.06 -6.13	18.72 0.09 -7.57	25.78 0.16 -5.70	22.73 0.18 -6.55	20.46 0.17 -5.32	16.06 0.10 -6.55	15.16 0.13 -5.15	16.89 0.27 -3.25
BARRETT_IC_1 23704	24.77 1.63 -0.21	21.93 1.16 -3.27	20.85 1.02 -3.64	19.89 0.89 -3.34	20.76 1.04 -3.64	19.22 1.17 0.00	22.91 1.56 -0.04	27.76 1.60 -7.61	29.03 1.62 -8.12	32.31 2.10 -4.02	30.90 1.78 -2.62	31.44 1.28 -8.87	30.93 0.84 -17.70	30.99 1.05 -13.32	29.69 0.62 -20.32	29.10 0.61 -19.96	29.64 0.81 -17.60	33.42 0.62 -21.74	37.50 1.22 -16.36	35.84 1.03 -18.80	31.27 1.00 -15.29	28.97 0.70 -18.88	25.49 0.79 -14.82	23.79 1.08 -9.33
BARRETT_IC_10 23701	24.77 1.63 -0.21	21.93 1.16 -3.27	20.85 1.02 -3.64	19.89 0.89 -3.34	20.76 1.04 -3.64	19.22 1.17 0.00	22.91 1.56 -0.04	27.76 1.60 -7.61	29.03 1.62 -8.12	32.31 2.10 -4.02	30.90 1.78 -2.62	31.44 1.28 -8.87	30.93 0.84 -17.70	30.99 1.05 -13.32	29.69 0.62 -20.32	29.10 0.61 -19.96	29.64 0.81 -17.60	33.42 0.62 -21.74	37.50 1.22 -16.36	35.84 1.03 -18.80	31.27 1.00 -15.29	28.97 0.70 -18.88	25.49 0.79 -14.82	23.79 1.08 -9.33
BARRETT_IC_11 23702	24.77 1.63 -0.21	21.93 1.16 -3.27	20.85 1.02 -3.64	19.89 0.89 -3.34	20.76 1.04 -3.64	19.22 1.17 0.00	22.91 1.56 -0.04	27.76 1.60 -7.61	29.03 1.62 -8.12	32.31 2.10 -4.02	30.90 1.78 -2.62	31.44 1.28 -8.87	30.93 0.84 -17.70	30.99 1.05 -13.32	29.69 0.62 -20.32	29.10 0.61 -19.96	29.64 0.81 -17.60	33.42 0.62 -21.74	37.50 1.22 -16.36	35.84 1.03 -18.80	31.27 1.00 -15.29	28.97 0.70 -18.88	25.49 0.79 -14.82	23.79 1.08 -9.33
BARRETT_IC_12 23703	24.77 1.63 -0.21	21.93 1.16 -3.27	20.85 1.02 -3.64	19.89 0.89 -3.34	20.76 1.04 -3.64	19.22 1.17 0.00	22.91 1.56 -0.04	27.76 1.60 -7.61	29.03 1.62 -8.12	32.31 2.10 -4.02	30.90 1.78 -2.62	31.44 1.28 -8.87	30.93 0.84 -17.70	30.99 1.05 -13.32	29.69 0.62 -20.32	29.10 0.61 -19.96	29.64 0.81 -17.60	33.42 0.62 -21.74	37.50 1.22 -16.36	35.84 1.03 -18.80	31.27 1.00 -15.29	28.97 0.70 -18.88	25.49 0.79 -14.82	23.79 1.08 -9.33
BARRETT_IC_2 23705	24.77 1.63 -0.21	21.93 1.16 -3.27	20.85 1.02 -3.64	19.89 0.89 -3.34	20.76 1.04 -3.64	19.22 1.17 0.00	22.91 1.56 -0.04	27.76 1.60 -7.61	29.03 1.62 -8.12	32.31 2.10 -4.02	30.90 1.78 -2.62	31.44 1.28 -8.87	30.93 0.84 -17.70	30.99 1.05 -13.32	29.69 0.62 -20.32	29.10 0.61 -19.96	29.64 0.81 -17.60	33.42 0.62 -21.74	37.50 1.22 -16.36	35.84 1.03 -18.80	31.27 1.00 -15.29	28.97 0.70 -18.88	25.49 0.79 -14.82	23.79 1.08 -9.33
BARRETT_IC_3 23706	24.77 1.63 -0.21	21.93 1.16 -3.27	20.85 1.02 -3.64	19.89 0.89 -3.34	20.76 1.04 -3.64	19.22 1.17 0.00	22.91 1.56 -0.04	27.76 1.60 -7.61	29.03 1.62 -8.12	32.31 2.10 -4.02	30.90 1.78 -2.62	31.44 1.28 -8.87	30.93 0.84 -17.70	30.99 1.05 -13.32	29.69 0.62 -20.32	29.10 0.61 -19.96	29.64 0.81 -17.60	33.42 0.62 -21.74	37.50 1.22 -16.36	35.84 1.03 -18.80	31.27 1.00 -15.29	28.97 0.70 -18.88	25.49 0.79 -14.82	23.79 1.08 -9.33
BARRETT_IC_4 23707	24.77 1.63 -0.21	21.93 1.16 -3.27	20.85 1.02 -3.64	19.89 0.89 -3.34	20.76 1.04 -3.64	19.22 1.17 0.00	22.91 1.56 -0.04	27.76 1.60 -7.61	29.03 1.62 -8.12	32.31 2.10 -4.02	30.90 1.78 -2.62	31.44 1.28 -8.87	30.93 0.84 -17.70	30.99 1.05 -13.32	29.69 0.62 -20.32	29.10 0.61 -19.96	29.64 0.81 -17.60	33.42 0.62 -21.74	37.50 1.22 -16.36	35.84 1.03 -18.80	31.27 1.00 -15.29	28.97 0.70 -18.88	25.49 0.79 -14.82	23.79 1.08 -9.33
BARRETT_IC_5 23708	24.77 1.63 -0.21	21.93 1.16 -3.27	20.85 1.02 -3.64	19.89 0.89 -3.34	20.76 1.04 -3.64	19.22 1.17 0.00	22.91 1.56 -0.04	27.76 1.60 -7.61	29.03 1.62 -8.12	32.31 2.10 -4.02	30.90 1.78 -2.62	31.44 1.28 -8.87	30.93 0.84 -17.70	30.99 1.05 -13.32	29.69 0.62 -20.32	29.10 0.61 -19.96	29.64 0.81 -17.60	33.42 0.62 -21.74	37.50 1.22 -16.36	35.84 1.03 -18.80	31.27 1.00 -15.29	28.97 0.70 -18.88	25.49 0.79 -14.82	23.79 1.08 -9.33
BARRETT_IC_6 23709	24.77 1.63 -0.21	21.93 1.16 -3.27	20.85 1.02 -3.64	19.89 0.89 -3.34	20.76 1.04 -3.64	19.22 1.17 0.00	22.91 1.56 -0.04	27.76 1.60 -7.61	29.03 1.62 -8.12	32.31 2.10 -4.02	30.90 1.78 -2.62	31.44 1.28 -8.87	30.93 0.84 -17.70	30.99 1.05 -13.32	29.69 0.62 -20.32	29.10 0.61 -19.96	29.64 0.81 -17.60	33.42 0.62 -21.74	37.50 1.22 -16.36	35.84 1.03 -18.80	31.27 1.00 -15.29	28.97 0.70 -18.88	25.49 0.79 -14.82	23.79 1.08 -9.33

BARRETT_IC_7 23710	24.75 1.61 -0.21	21.93 1.16 -3.27	20.85 1.02 -3.64	19.89 0.89 -3.34	20.66 0.95 -3.64	19.20 1.15 0.00	22.90 1.56 -0.03	26.63 1.56 -6.51	29.02 1.62 -8.10	32.30 2.10 -4.02	30.81 1.70 -2.62	31.42 1.28 -8.85	30.89 0.84 -17.67	30.96 1.05 -13.30	29.64 0.62 -20.28	29.05 0.61 -19.92	29.67 0.81 -17.62	33.47 0.63 -21.77	37.53 1.22 -16.38	35.85 1.01 -18.83	31.26 0.97 -15.31	29.00 0.70 -18.90	25.51 0.79 -14.85	23.80 1.08 -9.34
BARRETT_IC_8 23711	24.77 1.63 -0.21	21.93 1.16 -3.27	20.85 1.02 -3.64	19.89 0.89 -3.34	20.76 1.04 -3.64	19.22 1.17 0.00	22.91 1.56 -0.04	27.76 1.60 -7.61	29.03 1.62 -8.12	32.31 2.10 -4.02	30.90 1.78 -2.62	31.44 1.28 -8.87	30.93 0.84 -17.70	30.99 1.05 -13.32	29.69 0.62 -20.32	29.10 0.61 -19.96	29.64 0.81 -17.60	33.42 0.62 -21.74	37.50 1.22 -16.36	35.84 1.03 -18.80	31.27 1.00 -15.29	28.97 0.70 -18.88	25.49 0.79 -14.82	23.79 1.08 -9.33
BARRETT_IC_9 23700	24.77 1.63 -0.21	21.93 1.16 -3.27	20.85 1.02 -3.64	19.89 0.89 -3.34	20.76 1.04 -3.64	19.22 1.17 0.00	22.91 1.56 -0.04	27.76 1.60 -7.61	29.03 1.62 -8.12	32.31 2.10 -4.02	30.90 1.78 -2.62	31.44 1.28 -8.87	30.93 0.84 -17.70	30.99 1.05 -13.32	29.69 0.62 -20.32	29.10 0.61 -19.96	29.64 0.81 -17.60	33.42 0.62 -21.74	37.50 1.22 -16.36	35.84 1.03 -18.80	31.27 1.00 -15.29	28.97 0.70 -18.88	25.49 0.79 -14.82	23.79 1.08 -9.33
BARRETT___1 23545	24.77 1.63 -0.21	21.93 1.16 -3.27	20.85 1.02 -3.64	19.89 0.89 -3.34	20.76 1.04 -3.64	19.22 1.17 0.00	22.91 1.56 -0.04	27.76 1.60 -7.61	29.03 1.62 -8.12	32.31 2.10 -4.02	30.90 1.78 -2.62	31.44 1.28 -8.87	30.93 0.84 -17.70	30.99 1.05 -13.32	29.69 0.62 -20.32	29.10 0.61 -19.96	29.64 0.81 -17.60	33.42 0.62 -21.74	37.50 1.22 -16.36	35.84 1.03 -18.80	31.27 1.00 -15.29	28.97 0.70 -18.88	25.49 0.79 -14.82	23.79 1.08 -9.33
BARRETT___2 23546	24.77 1.63 -0.21	21.93 1.16 -3.27	20.85 1.02 -3.64	19.89 0.89 -3.34	20.76 1.04 -3.64	19.22 1.17 0.00	22.91 1.56 -0.04	27.76 1.60 -7.61	29.03 1.62 -8.12	32.31 2.10 -4.02	30.90 1.78 -2.62	31.44 1.28 -8.87	30.93 0.84 -17.70	30.99 1.05 -13.32	29.69 0.62 -20.32	29.10 0.61 -19.96	29.64 0.81 -17.60	33.42 0.62 -21.74	37.50 1.22 -16.36	35.84 1.03 -18.80	31.27 1.00 -15.29	28.97 0.70 -18.88	25.49 0.79 -14.82	23.79 1.08 -9.33
BATAVIA__115KV_TB1 55881	23.59 0.60 -0.06	18.82 0.42 -0.89	17.62 0.44 -0.99	16.85 0.28 -0.91	17.37 0.31 -0.99	18.71 0.67 0.00	21.82 0.49 -0.01	20.52 0.19 -1.78	21.37 -0.14 -2.21	26.90 -0.39 -1.10	26.92 -0.29 -0.71	23.56 -0.15 -2.42	17.18 -0.02 -4.82	20.24 0.00 -3.63	14.32 0.04 -5.53	14.04 0.08 -5.44	16.21 0.17 -4.80	17.20 0.21 -5.93	24.77 0.38 -4.46	21.49 0.35 -5.13	19.49 0.34 -4.17	14.74 0.20 -5.13	14.18 0.27 -4.04	16.40 0.48 -2.54
BAYONEEC___CTG1 323682	24.45 1.31 -0.21	21.77 1.00 -3.26	20.78 0.95 -3.64	19.87 0.88 -3.34	20.65 0.93 -3.64	19.04 0.99 0.00	22.67 1.32 -0.03	26.36 1.28 -6.52	28.75 1.35 -8.11	31.94 1.73 -4.02	30.84 1.72 -2.62	31.52 1.36 -8.87	30.89 0.80 -17.70	30.98 1.05 -13.32	29.60 0.54 -20.31	29.01 0.54 -19.95	29.54 0.71 -17.59	33.48 0.67 -21.74	37.54 1.26 -16.36	35.84 1.03 -18.80	31.19 0.93 -15.29	28.83 0.60 -18.82	25.31 0.63 -14.81	23.54 0.84 -9.33
BAYONEEC___CTG10 323750	24.45 1.31 -0.21	21.77 1.00 -3.26	20.78 0.95 -3.64	19.87 0.88 -3.34	20.65 0.93 -3.64	19.04 0.99 0.00	22.67 1.32 -0.03	26.36 1.28 -6.52	28.75 1.35 -8.11	31.94 1.73 -4.02	30.84 1.72 -2.62	31.52 1.36 -8.87	30.89 0.80 -17.70	30.98 1.05 -13.32	29.60 0.54 -20.31	29.01 0.54 -19.95	29.54 0.71 -17.59	33.48 0.67 -21.74	37.54 1.26 -16.36	35.84 1.03 -18.80	31.19 0.93 -15.29	28.83 0.60 -18.82	25.31 0.63 -14.81	23.54 0.84 -9.33
BAYONEEC___CTG2 323683	24.45 1.31 -0.21	21.77 1.00 -3.26	20.78 0.95 -3.64	19.87 0.88 -3.34	20.65 0.93 -3.64	19.04 0.99 0.00	22.67 1.32 -0.03	26.36 1.28 -6.52	28.75 1.35 -8.11	31.94 1.73 -4.02	30.84 1.72 -2.62	31.52 1.36 -8.87	30.89 0.80 -17.70	30.98 1.05 -13.32	29.60 0.54 -20.31	29.01 0.54 -19.95	29.54 0.71 -17.59	33.48 0.67 -21.74	37.54 1.26 -16.36	35.84 1.03 -18.80	31.19 0.93 -15.29	28.83 0.60 -18.82	25.31 0.63 -14.81	23.54 0.84 -9.33
BAYONEEC___CTG3 323684	24.45 1.31 -0.21	21.77 1.00 -3.26	20.78 0.95 -3.64	19.87 0.88 -3.34	20.65 0.93 -3.64	19.04 0.99 0.00	22.67 1.32 -0.03	26.36 1.28 -6.52	28.75 1.35 -8.11	31.94 1.73 -4.02	30.84 1.72 -2.62	31.52 1.36 -8.87	30.89 0.80 -17.70	30.98 1.05 -13.32	29.60 0.54 -20.31	29.01 0.54 -19.95	29.54 0.71 -17.59	33.48 0.67 -21.74	37.54 1.26 -16.36	35.84 1.03 -18.80	31.19 0.93 -15.29	28.83 0.60 -18.82	25.31 0.63 -14.81	23.54 0.84 -9.33
BAYONEEC___CTG4 323685	24.45 1.31 -0.21	21.77 1.00 -3.26	20.78 0.95 -3.64	19.87 0.88 -3.34	20.65 0.93 -3.64	19.04 0.99 0.00	22.67 1.32 -0.03	26.36 1.28 -6.52	28.75 1.35 -8.11	31.94 1.73 -4.02	30.84 1.72 -2.62	31.52 1.36 -8.87	30.89 0.80 -17.70	30.98 1.05 -13.32	29.60 0.54 -20.31	29.01 0.54 -19.95	29.54 0.71 -17.59	33.48 0.67 -21.74	37.54 1.26 -16.36	35.84 1.03 -18.80	31.19 0.93 -15.29	28.83 0.60 -18.82	25.31 0.63 -14.81	23.54 0.84 -9.33
BAYONEEC___CTG5 323686	24.45 1.31 -0.21	21.77 1.00 -3.26	20.78 0.95 -3.64	19.87 0.88 -3.34	20.65 0.93 -3.64	19.04 0.99 0.00	22.67 1.32 -0.03	26.36 1.28 -6.52	28.75 1.35 -8.11	31.94 1.73 -4.02	30.84 1.72 -2.62	31.52 1.36 -8.87	30.89 0.80 -17.70	30.98 1.05 -13.32	29.60 0.54 -20.31	29.01 0.54 -19.95	29.54 0.71 -17.59	33.48 0.67 -21.74	37.54 1.26 -16.36	35.84 1.03 -18.80	31.19 0.93 -15.29	28.83 0.60 -18.82	25.31 0.63 -14.81	23.54 0.84 -9.33
BAYONEEC___CTG6 323687	24.45 1.31 -0.21	21.77 1.00 -3.26	20.78 0.95 -3.64	19.87 0.88 -3.34	20.65 0.93 -3.64	19.04 0.99 0.00	22.67 1.32 -0.03	26.36 1.28 -6.52	28.75 1.35 -8.11	31.94 1.73 -4.02	30.84 1.72 -2.62	31.52 1.36 -8.87	30.89 0.80 -17.70	30.98 1.05 -13.32	29.60 0.54 -20.31	29.01 0.54 -19.95	29.54 0.71 -17.59	33.48 0.67 -21.74	37.54 1.26 -16.36	35.84 1.03 -18.80	31.19 0.93 -15.29	28.83 0.60 -18.82	25.31 0.63 -14.81	23.54 0.84 -9.33
BAYONEEC___CTG7 323688	24.45 1.31 -0.21	21.77 1.00 -3.26	20.78 0.95 -3.64	19.87 0.88 -3.34	20.65 0.93 -3.64	19.04 0.99 0.00	22.67 1.32 -0.03	26.36 1.28 -6.52	28.75 1.35 -8.11	31.94 1.73 -4.02	30.84 1.72 -2.62	31.52 1.36 -8.87	30.89 0.80 -17.70	30.98 1.05 -13.32	29.60 0.54 -20.31	29.01 0.54 -19.95	29.54 0.71 -17.59	33.48 0.67 -21.74	37.54 1.26 -16.36	35.84 1.03 -18.80	31.19 0.93 -15.29	28.83 0.60 -18.82	25.31 0.63 -14.81	23.54 0.84 -9.33
BAYONEEC___CTG8 323689	24.45 1.31 -0.21	21.77 1.00 -3.26	20.78 0.95 -3.64	19.87 0.88 -3.34	20.65 0.93 -3.64	19.04 0.99 0.00	22.67 1.32 -0.03	26.36 1.28 -6.52	28.75 1.35 -8.11	31.94 1.73 -4.02	30.84 1.72 -2.62	31.52 1.36 -8.87	30.89 0.80 -17.70	30.98 1.05 -13.32	29.60 0.54 -20.31	29.01 0.54 -19.95	29.54 0.71 -17.59	33.48 0.67 -21.74	37.54 1.26 -16.36	35.84 1.03 -18.80	31.19 0.93 -15.29	28.83 0.60 -18.82	25.31 0.63 -14.81	23.54 0.84 -9.33

BAYONEEC___CTG9 323749	24.45 1.31 -0.21	21.77 1.00 -3.26	20.78 0.95 -3.64	19.87 0.88 -3.34	20.65 0.93 -3.64	19.04 0.99 0.00	22.67 1.32 -0.03	26.36 1.28 -6.52	28.75 1.35 -8.11	31.94 1.73 -4.02	30.84 1.72 -2.62	31.52 1.36 -8.87	30.89 0.80 -17.70	30.98 1.05 -13.32	29.60 0.54 -20.31	29.01 0.54 -19.95	29.54 0.71 -17.59	33.48 0.67 -21.74	37.54 1.26 -16.36	35.84 1.03 -18.80	31.19 0.93 -15.29	28.83 0.60 -18.82	25.31 0.63 -14.81	23.54 0.84 -9.33
BEACON___LESR 323632	24.29 1.10 -0.25	22.26 0.81 -3.95	21.34 0.75 -4.40	20.40 0.71 -4.04	21.22 0.74 -4.40	18.89 0.85 0.00	22.46 1.11 -0.03	27.36 0.93 -7.88	30.05 0.96 -9.79	32.34 1.28 -4.86	31.02 1.35 -3.17	33.11 1.11 -10.71	34.41 0.66 -21.37	33.57 0.86 -16.09	33.70 0.43 -24.53	33.04 0.42 -24.10	33.05 0.55 -21.26	37.89 0.56 -26.27	40.71 1.02 -19.77	39.54 0.82 -22.72	34.21 0.76 -18.47	32.61 0.47 -22.74	28.26 0.49 -17.89	25.31 0.67 -11.27
BEAVER RIVER___HYD 24048	22.77 -0.18 -0.02	17.56 -0.19 -0.25	16.23 -0.23 -0.27	15.72 -0.19 -0.25	16.17 -0.18 -0.27	17.88 -0.16 0.00	21.13 -0.19 0.00	18.84 -0.20 -0.49	19.81 -0.10 -0.61	26.36 -0.13 -0.30	26.54 -0.16 -0.20	21.77 -0.19 -0.67	13.54 -0.17 -1.33	17.38 -0.23 -1.00	10.18 -0.10 -1.53	9.95 -0.08 -1.50	12.56 -0.11 -1.44	12.79 -0.04 -1.77	17.70 -0.04 2.19	13.92 -0.06 2.02	12.79 -0.01 2.17	8.73 0.00 0.68	8.75 0.01 1.13	10.81 -0.05 2.51
BEEBEE_GT_13 23619	23.35 0.37 -0.05	18.54 0.23 -0.81	17.32 0.23 -0.91	16.63 0.14 -0.83	17.14 0.16 -0.91	18.30 0.25 0.00	21.60 0.28 -0.01	20.34 0.17 -1.62	21.33 0.02 -2.01	27.14 -0.05 -1.00	27.18 0.03 -0.65	23.58 0.09 -2.20	16.87 0.10 -4.39	20.10 0.18 -3.31	13.91 0.12 -5.04	13.61 0.14 -4.95	15.82 0.21 -4.37	16.71 0.24 -5.40	24.45 0.46 -4.06	21.06 0.38 -4.67	19.12 0.34 -3.80	14.28 0.20 -4.68	13.80 0.25 -3.68	16.05 0.36 -2.32
BENSHRST_27_KV_BENSHRST_1 355998	24.57 1.42 -0.21	21.87 1.10 -3.26	20.86 1.04 -3.64	19.94 0.94 -3.34	20.68 0.96 -3.64	19.04 0.99 0.00	22.73 1.39 -0.03	26.38 1.32 -6.51	28.78 1.39 -8.09	32.04 1.83 -4.02	30.92 1.80 -2.62	31.59 1.45 -8.85	30.89 0.84 -17.66	31.02 1.11 -13.30	29.60 0.58 -20.27	29.01 0.58 -19.91	29.62 0.76 -17.62	33.58 0.74 -21.77	37.68 1.37 -16.38	35.94 1.10 -18.83	31.32 1.03 -15.31	28.90 0.65 -18.85	25.37 0.67 -14.83	23.60 0.88 -9.34
BETHLEHEM___GRP 23843	24.01 0.83 -0.25	22.09 0.63 -3.95	21.18 0.58 -4.41	20.25 0.55 -4.04	21.06 0.58 -4.41	18.70 0.65 0.00	22.21 0.85 -0.03	27.14 0.71 -7.88	29.82 0.73 -9.79	32.02 0.97 -4.86	30.68 1.01 -3.17	32.84 0.83 -10.72	34.25 0.48 -21.38	33.36 0.65 -16.10	33.61 0.32 -24.54	32.93 0.31 -24.11	32.96 0.42 -21.30	37.79 0.41 -26.32	40.47 0.74 -19.81	39.37 0.59 -22.76	34.05 0.57 -18.51	32.54 0.35 -22.79	28.18 0.38 -17.93	25.19 0.52 -11.29
BETHLEHEM___GS1 323560	24.04 0.85 -0.25	22.09 0.63 -3.95	21.18 0.58 -4.41	20.25 0.55 -4.04	21.06 0.58 -4.41	18.71 0.67 0.00	22.21 0.85 -0.03	27.15 0.70 -7.89	29.83 0.73 -9.80	32.03 0.97 -4.86	30.68 1.01 -3.17	32.84 0.83 -10.72	34.26 0.48 -21.40	33.37 0.65 -16.11	33.63 0.32 -24.56	32.95 0.31 -24.12	32.93 0.42 -21.28	37.77 0.41 -26.29	40.45 0.74 -19.79	39.34 0.59 -22.74	34.03 0.57 -18.49	32.51 0.35 -22.76	28.16 0.38 -17.91	25.18 0.52 -11.28
BETHLEHEM___GS2 323561	24.04 0.85 -0.25	22.09 0.63 -3.95	21.18 0.58 -4.41	20.25 0.55 -4.04	21.06 0.58 -4.41	18.71 0.67 0.00	22.21 0.85 -0.03	27.15 0.70 -7.89	29.83 0.73 -9.80	32.03 0.97 -4.86	30.68 1.01 -3.17	32.84 0.83 -10.72	34.26 0.48 -21.40	33.37 0.65 -16.11	33.63 0.32 -24.56	32.95 0.31 -24.12	32.93 0.42 -21.28	37.77 0.41 -26.29	40.45 0.74 -19.79	39.34 0.59 -22.74	34.03 0.57 -18.49	32.51 0.35 -22.76	28.16 0.38 -17.91	25.18 0.52 -11.28
BETHLEHEM___GS3 323562	24.04 0.85 -0.25	22.09 0.63 -3.95	21.18 0.58 -4.41	20.25 0.55 -4.04	21.06 0.58 -4.41	18.71 0.67 0.00	22.21 0.85 -0.03	27.15 0.70 -7.89	29.83 0.73 -9.80	32.03 0.97 -4.86	30.68 1.01 -3.17	32.84 0.83 -10.72	34.26 0.48 -21.40	33.37 0.65 -16.11	33.63 0.32 -24.56	32.95 0.31 -24.12	32.93 0.42 -21.28	37.77 0.41 -26.29	40.45 0.74 -19.79	39.34 0.59 -22.74	34.03 0.57 -18.49	32.51 0.35 -22.76	28.16 0.38 -17.91	25.18 0.52 -11.28
BETHLEHEM___STEEL 23779	23.23 0.23 -0.06	18.65 0.18 -0.97	17.53 0.26 -1.08	16.73 0.08 -0.99	17.24 0.08 -1.08	18.75 0.70 0.00	21.61 0.28 -0.01	20.40 -0.09 -1.94	21.16 -0.54 -2.41	26.37 -1.02 -1.19	26.38 -0.90 -0.78	23.31 -0.62 -2.63	17.34 -0.30 -5.25	20.17 -0.40 -3.96	14.61 -0.17 -6.03	14.33 -0.12 -5.92	16.38 -0.09 -5.23	17.46 -0.07 -6.46	24.63 -0.16 -4.86	21.55 -0.05 -5.59	19.50 -0.01 -4.54	14.99 -0.01 -5.59	14.33 0.06 -4.40	16.33 0.19 -2.77
BETHLHEM_115KV_TB1 79974	24.01 0.83 -0.25	22.09 0.63 -3.95	21.18 0.58 -4.41	20.25 0.55 -4.04	21.06 0.58 -4.41	18.70 0.65 0.00	22.21 0.85 -0.03	27.14 0.71 -7.88	29.82 0.73 -9.79	32.02 0.97 -4.86	30.68 1.01 -3.17	32.83 0.83 -10.71	34.24 0.48 -21.38	33.35 0.65 -16.09	33.60 0.32 -24.53	32.93 0.31 -24.10	32.95 0.42 -21.30	37.79 0.41 -26.32	40.46 0.74 -19.80	39.36 0.59 -22.76	34.05 0.57 -18.51	32.53 0.35 -22.78	28.17 0.38 -17.92	25.18 0.52 -11.29
BETHPAGE_CC_5 323564	25.00 1.86 -0.21	22.10 1.33 -3.27	21.00 1.17 -3.64	20.01 1.02 -3.34	20.89 1.17 -3.64	19.40 1.35 0.00	23.10 1.75 -0.04	27.97 1.80 -7.61	29.26 1.85 -8.12	32.85 2.46 -4.20	31.41 2.15 -2.76	31.89 1.58 -9.02	31.28 1.03 -17.87	31.40 1.30 -13.49	30.02 0.76 -20.51	29.47 0.76 -20.19	30.08 1.00 -17.85	34.48 0.77 -22.65	39.72 1.50 -18.30	36.26 1.25 -19.00	31.69 1.23 -15.49	29.34 0.85 -19.09	25.97 0.92 -15.18	23.94 1.23 -9.34
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	23.18 0.18 -0.06	18.62 0.14 -0.98	17.50 0.23 -1.09	16.70 0.05 -1.00	17.23 0.06 -1.09	18.80 0.76 0.00	21.56 0.23 -0.01	20.39 -0.11 -1.95	21.14 -0.58 -2.42	26.32 -1.07 -1.20	26.33 -0.95 -0.78	23.30 -0.64 -2.65	17.35 -0.32 -5.29	20.16 -0.43 -3.98	14.63 -0.18 -6.07	14.34 -0.14 -5.96	16.38 -0.11 -5.26	17.46 -0.10 -6.50	24.62 -0.20 -4.89	21.55 -0.08 -5.62	19.49 -0.06 -4.57	15.00 -0.03 -5.63	14.32 0.02 -4.43	16.31 0.15 -2.79
BINGHAMTON___COGEN 23790	23.58 0.55 -0.10	19.37 0.39 -1.48	18.21 0.37 -1.65	17.49 0.31 -1.52	18.07 0.34 -1.65	18.62 0.58 0.00	21.87 0.53 -0.01	21.94 0.43 -2.96	23.34 0.37 -3.67	28.41 0.39 -1.82	28.14 0.45 -1.19	25.69 0.38 -4.02	20.65 0.25 -8.02	23.00 0.35 -6.04	18.15 0.20 -9.21	17.77 0.20 -9.04	19.52 0.30 -7.98	21.25 0.32 -9.86	27.95 0.60 -7.42	25.04 0.50 -8.53	22.38 0.46 -6.94	18.23 0.29 -8.54	16.89 0.30 -6.72	18.05 0.44 -4.23
BIXINCNT_115KV_LOAD 355685	23.11 0.11 -0.06	18.54 0.04 -1.00	17.45 0.15 -1.12	16.67 -0.02 -1.03	17.16 -0.03 -1.12	18.86 0.81 0.00	21.41 0.09 -0.01	20.19 -0.37 -2.00	20.88 -0.91 -2.49	25.93 -1.49 -1.24	25.87 -1.43 -0.81	23.01 -1.00 -2.72	17.23 -0.58 -5.43	19.92 -0.78 -4.09	14.55 -0.43 -6.23	14.25 -0.40 -6.12	16.21 -0.44 -5.41	17.32 -0.42 -6.68	24.20 -0.76 -5.03	21.23 -0.56 -5.78	19.16 -0.51 -4.70	14.85 -0.34 -5.78	14.11 -0.32 -4.55	15.93 -0.31 -2.87

BLACK RIVER___HYD 24047	22.89 -0.07 -0.02	17.75 -0.12 -0.37	16.44 -0.16 -0.41	15.90 -0.14 -0.38	16.36 -0.13 -0.41	17.96 -0.09 0.00	21.22 -0.11 0.00	19.17 -0.13 -0.74	20.21 0.00 -0.92	26.60 -0.05 -0.46	26.74 -0.05 -0.30	22.19 -0.11 -1.01	14.29 -0.10 -2.01	17.99 -0.13 -1.51	11.01 -0.03 -2.30	10.78 0.00 -2.26	13.31 0.01 -2.06	13.70 0.09 -2.54	19.62 0.22 0.52	15.91 0.16 0.26	14.59 0.19 0.58	10.20 0.12 -0.67	10.11 0.13 -0.11	12.29 0.09 1.18
BLACKRVR_115KV_TB2 79977	22.89 -0.07 -0.02	17.75 -0.12 -0.37	16.44 -0.16 -0.41	15.90 -0.14 -0.38	16.34 -0.14 -0.41	17.97 -0.07 0.00	21.22 -0.11 0.00	19.17 -0.13 -0.74	20.21 0.00 -0.92	26.60 -0.05 -0.46	26.74 -0.05 -0.30	22.19 -0.11 -1.01	14.29 -0.10 -2.01	17.99 -0.13 -1.51	11.01 -0.03 -2.30	10.78 0.00 -2.26	13.25 0.01 -2.00	13.62 0.09 -2.47	19.56 0.22 0.58	15.84 0.16 0.33	14.54 0.19 0.63	10.13 0.12 -0.60	10.06 0.13 -0.06	12.26 0.09 1.21
BLISS_WT_PWR 323608	23.36 0.37 -0.06	18.53 0.02 -1.00	17.44 0.13 -1.12	16.65 -0.03 -1.03	17.13 -0.06 -1.12	18.69 0.65 0.00	21.37 0.04 -0.01	20.02 -0.54 -2.00	20.80 -0.98 -2.49	25.80 -1.62 -1.23	25.72 -1.59 -0.80	22.93 -1.08 -2.72	17.15 -0.66 -5.43	19.82 -0.88 -4.09	14.48 -0.50 -6.23	14.17 -0.47 -6.12	16.05 -0.52 -5.33	17.15 -0.50 -6.59	23.97 -0.92 -4.96	21.00 -0.70 -5.70	18.98 -0.63 -4.63	14.68 -0.42 -5.70	13.96 -0.41 -4.49	15.79 -0.41 -2.83
BLUESTONE___WT_PWR 323821	24.46 1.42 -0.10	20.14 1.00 -1.63	18.90 0.89 -1.82	18.17 0.84 -1.67	18.78 0.88 -1.82	19.22 1.17 0.00	22.63 1.30 -0.01	22.91 1.09 -3.26	24.56 1.22 -4.05	29.80 1.60 -2.01	29.51 1.70 -1.31	27.08 1.36 -4.43	22.05 0.83 -8.83	24.36 1.10 -6.65	19.49 0.60 -10.14	19.07 0.59 -9.96	20.70 0.77 -8.68	22.62 0.83 -10.73	29.53 1.53 -8.07	26.51 1.22 -9.28	23.69 1.17 -7.55	19.42 0.72 -9.29	17.92 0.74 -7.31	18.94 0.96 -4.60
BLUE_CIRC_CHEM_DRP 24182	24.15 0.96 -0.25	22.13 0.74 -3.89	21.21 0.68 -4.34	20.28 0.64 -3.98	21.08 0.66 -4.34	18.79 0.74 0.00	22.31 0.96 -0.03	27.10 0.78 -7.76	29.75 0.81 -9.65	32.06 1.07 -4.79	30.74 1.11 -3.12	32.76 0.92 -10.56	33.99 0.54 -21.06	33.20 0.73 -15.86	33.28 0.36 -24.17	32.62 0.35 -23.75	32.68 0.46 -20.99	37.46 0.46 -25.93	40.27 0.84 -19.51	39.11 0.67 -22.43	33.84 0.63 -18.24	32.24 0.39 -22.45	27.95 0.41 -17.66	25.07 0.58 -11.12
BOC_GAS_DRP 24189	23.97 0.78 -0.25	22.05 0.60 -3.95	21.16 0.57 -4.40	20.22 0.53 -4.03	21.02 0.55 -4.40	18.66 0.61 0.00	22.14 0.79 -0.03	27.09 0.67 -7.87	29.77 0.69 -9.78	31.96 0.92 -4.85	30.59 0.93 -3.16	32.76 0.77 -10.70	34.18 0.45 -21.35	33.28 0.60 -16.07	33.54 0.30 -24.50	32.88 0.29 -24.07	32.90 0.39 -21.27	37.73 0.39 -26.28	40.40 0.70 -19.78	39.30 0.56 -22.73	33.98 0.52 -18.48	32.48 0.33 -22.75	28.13 0.36 -17.90	25.13 0.48 -11.27
BOONVILLE_115KV_TB1 79983	23.22 0.28 -0.01	17.85 0.18 -0.17	16.51 0.13 -0.19	15.98 0.14 -0.18	16.40 0.13 -0.19	18.26 0.22 0.00	21.58 0.26 0.00	19.11 0.20 -0.35	20.04 0.31 -0.43	26.80 0.39 -0.21	27.09 0.45 -0.14	22.08 0.32 -0.47	13.50 0.17 -0.94	17.56 0.23 -0.71	9.97 0.14 -1.08	9.74 0.15 -1.06	12.37 0.19 -0.94	12.46 0.23 -1.16	20.43 0.46 -0.05	16.52 0.34 -0.17	15.33 0.34 -0.02	10.11 0.22 -0.49	10.34 0.23 -0.24	13.36 0.25 0.27
BORALEX_4TH_BRANCH 23824	24.35 1.17 -0.25	22.30 0.89 -3.91	21.37 0.83 -4.36	20.42 0.77 -3.99	21.19 0.76 -4.36	18.97 0.92 0.00	22.46 1.11 -0.03	27.24 0.89 -7.79	29.96 0.98 -9.68	32.39 1.39 -4.81	31.09 1.46 -3.13	33.03 1.15 -10.60	34.20 0.68 -21.14	33.46 0.93 -15.91	33.44 0.44 -24.26	32.77 0.42 -23.83	32.86 0.56 -21.06	37.64 0.55 -26.02	40.50 1.00 -19.58	39.32 0.80 -22.51	34.02 0.75 -18.30	32.40 0.47 -22.53	28.11 0.51 -17.72	25.25 0.71 -11.16
BOWLINE___1 23526	24.25 1.12 -0.19	21.34 0.84 -3.00	20.31 0.78 -3.34	19.44 0.72 -3.06	20.19 0.77 -3.34	18.88 0.83 0.00	22.45 1.11 -0.03	25.64 1.08 -6.00	27.84 1.08 -7.46	31.31 1.41 -3.70	30.32 1.40 -2.41	30.58 1.13 -8.16	29.34 0.67 -16.29	29.76 0.88 -12.26	27.89 0.45 -18.69	27.34 0.45 -18.36	28.03 0.61 -16.19	31.65 0.59 -20.00	36.13 1.16 -15.05	34.24 0.93 -17.30	29.87 0.82 -14.07	27.25 0.53 -17.32	24.03 0.53 -13.62	22.66 0.71 -8.58
BOWLINE___2 23595	24.25 1.12 -0.19	21.34 0.84 -3.00	20.31 0.78 -3.34	19.44 0.72 -3.07	20.19 0.77 -3.34	18.88 0.83 0.00	22.45 1.11 -0.03	25.64 1.08 -6.00	27.84 1.08 -7.46	31.31 1.41 -3.70	30.32 1.40 -2.41	30.58 1.13 -8.16	29.34 0.67 -16.29	29.76 0.88 -12.26	27.89 0.45 -18.69	27.34 0.45 -18.36	28.03 0.61 -16.19	31.65 0.59 -20.01	36.13 1.16 -15.05	34.24 0.93 -17.30	29.87 0.82 -14.07	27.25 0.53 -17.32	24.03 0.53 -13.62	22.66 0.71 -8.58
BRADY___115KV_TB2 356060	22.71 -0.23 0.00	17.35 -0.16 0.00	16.01 -0.18 0.00	15.55 -0.11 0.00	15.95 -0.13 0.00	17.87 -0.18 0.00	21.04 -0.28 0.00	18.30 -0.26 0.00	19.10 -0.19 0.00	26.09 -0.10 0.00	26.31 0.00 0.00	21.08 -0.21 0.00	12.15 -0.24 0.00	16.30 -0.32 0.00	8.57 -0.17 0.00	8.34 -0.18 0.00	10.94 -0.29 0.00	10.76 -0.30 0.00	7.72 -0.56 11.65	3.79 -0.45 11.77	3.27 -0.39 11.32	1.86 -0.22 7.32	1.92 -0.21 7.75	2.23 -0.31 10.84
BRANSCOMB___SOLAR 323811	24.32 1.12 -0.26	22.37 0.82 -4.04	21.47 0.78 -4.51	20.49 0.71 -4.13	21.32 0.74 -4.51	18.88 0.83 0.00	22.48 1.13 -0.03	27.54 0.93 -8.06	30.29 0.98 -10.02	32.50 1.34 -4.97	31.17 1.43 -3.24	33.42 1.17 -10.96	34.92 0.67 -21.87	33.97 0.90 -16.46	34.28 0.44 -25.10	33.61 0.43 -24.65	33.56 0.57 -21.75	38.52 0.59 -26.87	41.20 1.06 -20.22	40.13 0.88 -23.24	34.67 0.79 -18.90	33.15 0.48 -23.26	28.68 0.50 -18.30	25.57 0.67 -11.53
BRENTWOD_69_KV_W. BRTWOOD 56703	25.32 2.16 -0.23	22.33 1.56 -3.27	21.21 1.38 -3.64	20.19 1.19 -3.34	21.00 1.29 -3.64	19.63 1.59 0.00	23.42 2.07 -0.03	27.13 2.04 -6.53	29.48 2.06 -8.12	34.30 2.78 -5.33	32.37 2.20 -3.67	32.94 1.68 -9.97	32.43 1.11 -18.93	32.56 1.41 -14.53	31.29 0.86 -21.69	30.99 0.86 -21.61	31.82 1.11 -19.47	40.38 0.84 -28.48	52.31 1.63 -30.75	37.67 1.34 -20.31	33.06 1.30 -16.78	30.84 0.96 -20.47	27.70 1.06 -16.77	24.17 1.44 -9.35
BRISTLHL_115KV_TB1 79998	22.86 -0.11 -0.04	17.99 -0.12 -0.61	16.75 -0.11 -0.68	16.16 -0.13 -0.62	16.63 -0.13 -0.68	17.94 -0.11 0.00	21.18 -0.15 -0.01	19.66 -0.11 -1.22	20.71 -0.10 -1.51	26.76 -0.18 -0.75	26.83 -0.16 -0.49	22.84 -0.11 -1.66	15.65 -0.04 -3.30	19.07 -0.03 -2.49	12.55 0.01 -3.79	12.26 0.02 -3.72	14.57 0.04 -3.29	15.18 0.06 -4.06	23.08 0.10 -3.06	19.60 0.08 -3.51	17.91 0.07 -2.86	12.97 0.05 -3.52	12.69 0.05 -2.77	15.18 0.07 -1.74
BROOKHAVEN___DRP 24191	25.66 2.43 -0.29	22.52 1.75 -3.27	21.37 1.54 -3.64	20.34 1.35 -3.34	21.16 1.45 -3.64	19.83 1.79 0.00	23.65 2.30 -0.03	27.41 2.26 -6.59	29.79 2.32 -8.18	38.92 3.09 -9.64	36.17 2.54 -7.12	36.87 1.94 -13.64	36.75 1.26 -23.10	36.80 1.61 -18.58	36.05 0.96 -26.34	36.68 0.97 -27.18	38.05 1.26 -25.55	62.56 1.00 -50.50	99.76 1.89 -77.94	42.77 1.57 -25.19	38.10 1.50 -21.62	36.13 1.08 -25.64	34.20 1.17 -23.15	24.36 1.59 -9.40



BROOKLYN_NAVY_YARD 23515	24.38 1.24 -0.21	21.71 0.94 -3.26	20.73 0.91 -3.64	19.82 0.83 -3.33	20.59 0.88 -3.63	18.98 0.94 0.00	22.63 1.28 -0.03	26.34 1.26 -6.52	28.73 1.33 -8.11	31.92 1.70 -4.02	30.77 1.64 -2.62	31.48 1.32 -8.87	30.85 0.77 -17.70	30.95 1.01 -13.32	29.57 0.52 -20.31	28.98 0.51 -19.95	29.52 0.69 -17.59	33.47 0.66 -21.74	37.50 1.22 -16.36	35.80 0.99 -18.80	31.16 0.90 -15.29	28.80 0.57 -18.82	25.30 0.62 -14.81	23.52 0.82 -9.33
BROOKLYN___ARMY_DRP 323595	24.50 1.35 -0.21	21.82 1.05 -3.26	20.82 0.99 -3.64	19.89 0.89 -3.34	20.63 0.92 -3.64	18.98 0.94 0.00	22.67 1.32 -0.03	26.33 1.26 -6.51	28.70 1.31 -8.09	31.94 1.73 -4.02	30.81 1.70 -2.62	31.51 1.36 -8.85	30.85 0.80 -17.66	30.97 1.06 -13.30	29.57 0.55 -20.27	28.98 0.55 -19.91	29.58 0.72 -17.62	33.53 0.70 -21.77	37.58 1.28 -16.38	35.88 1.04 -18.83	31.26 0.97 -15.31	28.86 0.61 -18.85	25.34 0.64 -14.83	23.56 0.84 -9.34
BROOKVLE_69_KV_TB1 55790	24.82 1.67 -0.21	22.00 1.23 -3.27	20.93 1.10 -3.64	19.97 0.97 -3.34	20.75 1.03 -3.64	19.25 1.21 0.00	22.97 1.62 -0.03	26.66 1.60 -6.51	29.07 1.68 -8.10	32.44 2.23 -4.02	31.16 2.04 -2.62	31.74 1.60 -8.85	31.05 1.00 -17.67	31.19 1.28 -13.30	29.73 0.71 -20.28	29.14 0.70 -19.92	29.78 0.92 -17.62	33.63 0.80 -21.77	37.82 1.51 -16.38	36.07 1.23 -18.83	31.44 1.15 -15.31	29.09 0.78 -18.90	25.65 0.83 -14.95	23.81 1.10 -9.34
BROOME_2_LFGE 323671	23.62 0.60 -0.10	19.37 0.38 -1.48	18.21 0.37 -1.65	17.49 0.31 -1.52	18.05 0.32 -1.65	18.59 0.54 0.00	21.87 0.53 -0.01	21.92 0.41 -2.96	23.32 0.35 -3.67	28.41 0.39 -1.82	28.11 0.42 -1.19	25.69 0.38 -4.02	20.65 0.25 -8.02	23.00 0.35 -6.04	18.15 0.20 -9.20	17.77 0.20 -9.04	19.42 0.30 -7.88	21.12 0.32 -9.74	27.85 0.60 -7.33	24.93 0.50 -8.42	22.29 0.46 -6.85	18.13 0.29 -8.43	16.80 0.30 -6.63	17.99 0.44 -4.18
BROOME___LFGE 323600	23.62 0.60 -0.10	19.37 0.38 -1.48	18.21 0.37 -1.65	17.49 0.31 -1.52	18.05 0.32 -1.65	18.59 0.54 0.00	21.87 0.53 -0.01	21.92 0.41 -2.96	23.32 0.35 -3.67	28.41 0.39 -1.82	28.11 0.42 -1.19	25.69 0.38 -4.02	20.65 0.25 -8.02	23.00 0.35 -6.04	18.15 0.20 -9.20	17.77 0.20 -9.04	19.42 0.30 -7.88	21.12 0.32 -9.74	27.85 0.60 -7.33	24.93 0.50 -8.42	22.29 0.46 -6.85	18.13 0.29 -8.43	16.80 0.30 -6.63	17.99 0.44 -4.18
BROWNFLS_115KV_TB_3_5 80003	22.58 -0.37 -0.01	17.40 -0.28 -0.17	16.07 -0.31 -0.19	15.58 -0.25 -0.18	15.99 -0.27 -0.19	17.76 -0.29 0.00	20.96 -0.36 0.00	18.57 -0.33 -0.34	19.47 -0.25 -0.43	26.14 -0.26 -0.21	26.32 -0.32 -0.14	21.42 -0.34 -0.47	12.99 -0.32 -0.93	16.88 -0.43 -0.70	9.60 -0.22 -1.07	9.37 -0.20 -1.05	11.85 -0.31 -0.93	11.92 -0.29 -1.15	13.53 -0.52 5.88	9.75 -0.43 5.82	8.87 -0.36 5.75	5.98 -0.18 3.25	6.01 -0.16 3.70	7.31 -0.28 5.78
BROWNSV1_27_KV_LOAD 356125	24.59 1.44 -0.21	21.89 1.12 -3.26	20.88 1.05 -3.64	19.97 0.97 -3.34	20.71 1.00 -3.64	19.11 1.06 0.00	22.82 1.47 -0.03	26.46 1.39 -6.51	28.87 1.49 -8.09	32.12 1.91 -4.02	31.00 1.88 -2.62	31.68 1.53 -8.85	30.94 0.89 -17.66	31.09 1.18 -13.30	29.62 0.60 -20.27	29.03 0.60 -19.91	29.65 0.80 -17.62	33.62 0.79 -21.77	37.74 1.43 -16.38	35.99 1.15 -18.83	31.33 1.05 -15.31	28.92 0.67 -18.85	25.41 0.71 -14.83	23.65 0.94 -9.34
BURROWS___LYONSDAL 23803	23.13 0.18 -0.01	17.80 0.11 -0.19	16.45 0.05 -0.21	15.91 0.06 -0.19	16.35 0.06 -0.21	18.19 0.14 0.00	21.47 0.15 0.00	19.04 0.11 -0.38	19.99 0.23 -0.47	26.71 0.29 -0.23	26.97 0.32 -0.15	22.01 0.21 -0.51	13.50 0.10 -1.02	17.52 0.13 -0.77	10.01 0.10 -1.17	9.77 0.10 -1.15	12.39 0.13 -1.02	12.49 0.18 -1.25	19.87 0.36 0.41	16.00 0.27 0.28	14.81 0.27 0.43	9.81 0.17 -0.24	10.02 0.19 0.05	12.84 0.19 0.72
CAITHNESS_CC_1 323624	25.59 2.36 -0.29	22.47 1.70 -3.27	21.32 1.49 -3.64	20.29 1.30 -3.34	21.23 1.51 -3.64	19.80 1.75 0.00	23.58 2.22 -0.05	28.45 2.21 -7.69	29.75 2.26 -8.20	38.84 2.98 -9.66	36.21 2.57 -7.14	36.81 1.85 -13.67	36.75 1.21 -23.15	36.78 1.55 -18.62	36.08 0.93 -26.41	36.71 0.94 -27.25	38.00 1.21 -25.55	62.57 0.94 -50.57	99.86 1.81 -78.12	42.70 1.50 -25.18	38.08 1.48 -21.62	36.08 1.04 -25.63	34.09 1.13 -23.08	24.30 1.54 -9.39
CALPINE_BETH_PAGE_GT4 24209	24.98 1.83 -0.21	22.08 1.31 -3.27	20.99 1.17 -3.64	20.00 1.00 -3.34	20.79 1.08 -3.64	19.36 1.32 0.00	23.10 1.75 -0.03	26.83 1.76 -6.51	29.23 1.83 -8.10	32.78 2.44 -4.15	31.26 2.04 -2.72	31.83 1.58 -8.97	31.20 1.03 -17.79	31.33 1.30 -13.42	29.92 0.76 -20.42	29.37 0.76 -20.09	30.03 0.99 -17.81	34.30 0.79 -22.45	39.27 1.51 -17.83	36.24 1.25 -18.98	31.62 1.18 -15.46	29.30 0.84 -19.06	25.95 0.92 -15.16	23.93 1.22 -9.34
CALPINE_BETH_PAGE_GT_4 323586	24.98 1.84 -0.21	22.08 1.31 -3.27	21.00 1.17 -3.64	20.00 1.00 -3.34	20.89 1.17 -3.64	19.38 1.34 0.00	23.10 1.75 -0.04	27.95 1.78 -7.61	29.25 1.83 -8.12	32.78 2.44 -4.16	31.37 2.15 -2.73	31.85 1.58 -8.98	31.24 1.03 -17.83	31.36 1.30 -13.45	29.97 0.76 -20.46	29.41 0.76 -20.13	30.01 0.99 -17.78	34.25 0.77 -22.41	39.24 1.51 -17.80	36.21 1.25 -18.95	31.64 1.23 -15.44	29.27 0.84 -19.03	25.93 0.92 -15.14	23.93 1.22 -9.33
CALPINE_BP_GT1 23823	24.98 1.84 -0.21	22.08 1.31 -3.27	21.00 1.17 -3.64	20.00 1.00 -3.34	20.89 1.17 -3.64	19.38 1.34 0.00	23.10 1.75 -0.04	27.95 1.78 -7.61	29.25 1.83 -8.12	32.78 2.44 -4.16	31.37 2.15 -2.73	31.85 1.58 -8.98	31.24 1.03 -17.83	31.36 1.30 -13.45	29.97 0.76 -20.46	29.41 0.76 -20.13	30.01 0.99 -17.78	34.25 0.77 -22.41	39.24 1.51 -17.80	36.21 1.25 -18.95	31.64 1.23 -15.44	29.27 0.84 -19.03	25.93 0.92 -15.14	23.93 1.22 -9.33
CALSPAN___DRP 24200	23.23 0.23 -0.06	18.65 0.18 -0.97	17.53 0.26 -1.08	16.73 0.08 -0.99	17.24 0.08 -1.08	18.75 0.70 0.00	21.61 0.28 -0.01	20.40 -0.09 -1.94	21.16 -0.54 -2.41	26.37 -1.02 -1.19	26.38 -0.90 -0.78	23.31 -0.62 -2.63	17.34 -0.30 -5.25	20.17 -0.40 -3.96	14.61 -0.17 -6.03	14.33 -0.12 -5.92	16.38 -0.09 -5.23	17.46 -0.07 -6.46	24.63 -0.16 -4.86	21.55 -0.05 -5.59	19.50 -0.01 -4.54	14.99 -0.01 -5.59	14.33 0.06 -4.40	16.33 0.19 -2.77
CALVERTON___SOLAR 323806	25.75 2.52 -0.29	22.59 1.82 -3.27	21.43 1.60 -3.64	20.41 1.41 -3.34	21.34 1.62 -3.64	19.92 1.88 0.00	23.75 2.39 -0.05	28.60 2.36 -7.69	29.88 2.39 -8.20	39.03 3.19 -9.64	36.41 2.78 -7.12	36.99 2.04 -13.65	36.84 1.33 -23.13	36.89 1.68 -18.60	36.13 1.00 -26.38	36.75 1.01 -27.23	38.07 1.31 -25.52	62.55 1.04 -50.45	99.81 2.01 -77.87	42.83 1.66 -25.16	38.20 1.63 -21.60	36.14 1.13 -25.61	34.25 1.22 -23.15	24.41 1.64 -9.39
CANDIGU_WT_PWR 323617	23.58 0.57 -0.07	18.99 0.33 -1.15	17.83 0.36 -1.29	17.07 0.24 -1.18	17.59 0.22 -1.29	18.66 0.61 0.00	21.76 0.43 -0.01	20.99 0.13 -2.30	22.06 -0.10 -2.86	27.27 -0.34 -1.42	27.13 -0.29 -0.93	24.23 -0.19 -3.13	18.55 -0.07 -6.24	21.20 -0.12 -4.70	15.87 -0.03 -7.16	15.54 -0.02 -7.04	17.42 0.06 -6.13	18.72 0.09 -7.57	25.78 0.16 -5.70	22.73 0.18 -6.55	20.46 0.17 -5.32	16.06 0.10 -6.55	15.16 0.13 -5.15	16.89 0.27 -3.25

CARR STREET_E_SYR 24060	23.07 0.09 -0.05	18.24 0.04 -0.70	17.01 0.03 -0.79	16.38 0.00 -0.72	16.88 0.02 -0.79	18.10 0.05 0.00	21.37 0.04 -0.01	20.00 0.04 -1.40	21.08 0.04 -1.74	27.08 0.03 -0.87	27.12 0.05 -0.56	23.26 0.06 -1.91	16.27 0.07 -3.81	19.60 0.12 -2.87	13.20 0.09 -4.37	12.90 0.09 -4.29	15.14 0.15 -3.75	15.85 0.15 -4.64	23.69 0.28 -3.49	20.24 0.22 -4.01	18.45 0.21 -3.26	13.55 0.13 -4.01	13.17 0.14 -3.16	15.55 0.19 -1.99
CARTHAGE___PAPER 23857	22.77 -0.18 -0.02	17.64 -0.19 -0.32	16.32 -0.23 -0.36	15.80 -0.19 -0.33	16.24 -0.19 -0.36	17.88 -0.16 0.00	21.13 -0.19 0.00	19.00 -0.20 -0.64	20.00 -0.10 -0.80	26.46 -0.13 -0.40	26.57 -0.18 -0.26	21.93 -0.23 -0.87	13.94 -0.19 -1.75	17.68 -0.25 -1.31	10.64 -0.10 -2.00	10.41 -0.08 -1.97	12.96 -0.09 -1.82	13.29 -0.02 -2.25	18.78 0.02 1.17	15.07 0.00 0.94	13.81 0.03 1.20	9.58 0.03 -0.15	9.53 0.03 0.37	11.64 -0.04 1.69
CASSADAGA_WT_PWR 323784	23.82 0.82 -0.06	18.98 0.47 -1.00	17.81 0.50 -1.12	16.93 0.25 -1.02	17.37 0.18 -1.12	18.77 0.72 0.00	21.52 0.19 -0.01	20.29 -0.26 -2.00	21.18 -0.60 -2.48	26.22 -1.20 -1.23	26.11 -1.19 -0.80	23.09 -0.91 -2.72	17.28 -0.52 -5.42	19.95 -0.75 -4.08	14.60 -0.37 -6.22	14.32 -0.32 -6.11	16.22 -0.34 -5.32	17.34 -0.30 -6.58	24.38 -0.50 -4.95	21.41 -0.29 -5.69	19.38 -0.22 -4.63	14.98 -0.12 -5.70	14.31 -0.05 -4.48	16.28 0.08 -2.82
CE_DUNWOOD___DRP 24194	24.38 1.24 -0.21	21.71 0.95 -3.26	20.71 0.89 -3.64	19.80 0.81 -3.33	20.55 0.84 -3.64	18.97 0.92 0.00	22.61 1.26 -0.03	26.25 1.19 -6.50	28.63 1.25 -8.08	31.85 1.65 -4.01	30.73 1.62 -2.61	31.43 1.30 -8.84	30.78 0.76 -17.64	30.89 1.00 -13.28	29.50 0.52 -20.24	28.92 0.51 -19.88	29.51 0.67 -17.60	33.47 0.66 -21.74	37.52 1.24 -16.36	35.80 0.99 -18.80	31.16 0.90 -15.29	28.81 0.58 -18.82	25.28 0.60 -14.81	23.50 0.80 -9.33
CE_MILLWOOD___DRP 24193	24.34 1.19 -0.21	21.68 0.93 -3.24	20.66 0.86 -3.62	19.77 0.80 -3.31	20.51 0.82 -3.62	18.95 0.90 0.00	22.56 1.22 -0.03	26.17 1.15 -6.47	28.53 1.20 -8.04	31.78 1.60 -3.99	30.66 1.56 -2.60	31.34 1.26 -8.79	30.66 0.73 -17.54	30.78 0.96 -13.21	29.38 0.50 -20.13	28.79 0.49 -19.78	29.40 0.66 -17.50	33.33 0.64 -21.63	37.39 1.20 -16.27	35.67 0.96 -18.70	31.07 0.88 -15.21	28.69 0.56 -18.72	25.18 0.58 -14.73	23.43 0.78 -9.28
CE_NYC2_DRP 24202	24.41 1.26 -0.21	21.75 0.98 -3.26	20.75 0.92 -3.64	19.83 0.83 -3.34	20.57 0.85 -3.64	18.93 0.88 0.00	22.58 1.24 -0.03	26.24 1.17 -6.51	28.64 1.25 -8.09	31.83 1.62 -4.02	30.71 1.59 -2.62	31.42 1.28 -8.85	30.79 0.74 -17.66	30.89 0.98 -13.30	29.53 0.51 -20.27	28.94 0.50 -19.91	29.52 0.66 -17.62	33.48 0.64 -21.77	37.48 1.18 -16.38	35.80 0.96 -18.83	31.15 0.87 -15.31	28.81 0.55 -18.85	25.29 0.59 -14.83	23.50 0.79 -9.34
CE_NYC_DRP 24195	24.50 1.35 -0.21	21.80 1.03 -3.26	20.82 0.99 -3.64	19.90 0.91 -3.34	20.65 0.93 -3.64	19.04 0.99 0.00	22.71 1.36 -0.03	26.37 1.30 -6.51	28.78 1.39 -8.09	31.99 1.78 -4.02	30.87 1.75 -2.62	31.57 1.43 -8.85	30.88 0.83 -17.66	31.01 1.10 -13.30	29.58 0.56 -20.27	28.99 0.55 -19.91	29.60 0.74 -17.62	33.55 0.72 -21.77	37.62 1.32 -16.38	35.89 1.06 -18.83	31.26 0.97 -15.31	28.87 0.62 -18.85	25.35 0.65 -14.83	23.58 0.87 -9.34
CHAFFEE___LFGE 323603	23.34 0.34 -0.06	18.63 0.14 -0.99	17.53 0.24 -1.10	16.71 0.05 -1.01	17.22 0.05 -1.10	18.66 0.61 0.00	21.60 0.28 -0.01	20.32 -0.20 -1.97	21.22 -0.52 -2.45	26.38 -1.02 -1.21	26.36 -0.93 -0.79	23.37 -0.60 -2.68	17.42 -0.30 -5.34	20.23 -0.40 -4.02	14.71 -0.17 -6.13	14.42 -0.12 -6.02	16.40 -0.08 -5.24	17.49 -0.06 -6.48	24.66 -0.14 -4.88	21.58 -0.03 -5.60	19.52 -0.01 -4.56	15.01 0.00 -5.61	14.34 0.05 -4.41	16.33 0.17 -2.78
CHATEAUG_35_KV_LOAD 355732	22.75 -0.18 0.00	17.43 -0.07 0.00	16.12 -0.06 0.00	15.74 0.08 0.00	16.17 0.10 0.00	18.17 0.13 0.00	21.36 0.04 0.00	18.59 0.04 0.00	19.39 0.10 0.00	26.56 0.37 0.00	26.74 0.24 0.00	21.46 0.17 0.00	12.36 -0.02 0.00	16.56 -0.05 0.00	8.68 -0.07 0.00	8.42 -0.10 0.00	11.05 -0.19 0.00	10.73 -0.33 0.00	6.70 -0.80 12.43	2.63 -0.82 12.56	2.09 -0.81 12.07	1.04 -0.55 7.81	0.99 -0.62 8.26	0.89 -0.92 11.56
CHATEAUG_WT_PWR 323614	22.75 -0.18 0.00	17.44 -0.07 0.00	16.12 -0.06 0.00	15.72 0.06 0.00	16.17 0.10 0.00	18.17 0.13 0.00	21.38 0.06 0.00	18.59 0.04 0.00	19.37 0.08 0.00	26.56 0.37 0.00	26.74 0.24 0.00	21.46 0.17 0.00	12.36 -0.02 0.00	16.55 -0.07 0.00	8.68 -0.07 0.00	8.42 -0.10 0.00	11.03 -0.20 0.00	10.72 -0.34 0.00	6.43 -0.84 12.66	2.36 -0.85 12.80	1.82 -0.85 12.30	0.87 -0.57 7.96	0.81 -0.64 8.42	0.65 -0.95 11.78
CHAT_HIGH_FALL_HYD 323578	22.75 -0.18 0.00	17.44 -0.07 0.00	16.12 -0.06 0.00	15.74 0.08 0.00	16.17 0.10 0.00	18.17 0.13 0.00	21.36 0.04 0.00	18.59 0.04 0.00	19.39 0.10 0.00	26.56 0.37 0.00	26.74 0.24 0.00	21.46 0.17 0.00	12.36 -0.02 0.00	16.56 -0.05 0.00	8.68 -0.07 0.00	8.42 -0.10 0.00	11.05 -0.19 0.00	10.73 -0.33 0.00	6.70 -0.80 12.43	2.64 -0.82 12.56	2.09 -0.81 12.07	1.04 -0.55 7.81	0.99 -0.62 8.26	0.89 -0.92 11.56
CHAUTAUQUA___LFGE 323629	23.64 0.64 -0.06	18.88 0.38 -0.99	17.73 0.44 -1.11	16.89 0.22 -1.02	17.39 0.21 -1.11	18.75 0.70 0.00	21.71 0.38 -0.01	20.44 -0.09 -1.98	21.33 -0.42 -2.46	26.50 -0.92 -1.22	26.45 -0.85 -0.80	23.41 -0.57 -2.69	17.46 -0.30 -5.37	20.24 -0.41 -4.04	14.73 -0.17 -6.16	14.44 -0.14 -6.05	16.41 -0.10 -5.28	17.52 -0.07 -6.52	24.69 -0.14 -4.91	21.63 -0.02 -5.64	19.57 0.01 -4.58	15.07 0.02 -5.64	14.39 0.08 -4.44	16.41 0.24 -2.80
CHERRYST_13_KV_LD 356241	24.54 1.40 -0.21	21.84 1.07 -3.26	20.85 1.02 -3.64	19.93 0.94 -3.34	20.68 0.96 -3.64	19.07 1.03 0.00	22.78 1.43 -0.03	26.40 1.34 -6.51	28.81 1.43 -8.09	32.07 1.86 -4.02	30.95 1.83 -2.62	31.61 1.47 -8.85	30.90 0.85 -17.66	31.04 1.13 -13.30	29.60 0.59 -20.27	29.01 0.57 -19.91	29.62 0.76 -17.62	33.59 0.75 -21.77	37.66 1.35 -16.38	35.94 1.10 -18.83	31.29 1.00 -15.31	28.89 0.64 -18.85	25.38 0.68 -14.83	23.61 0.90 -9.34
CHESTROR_138KV_BK263 355645	24.15 1.03 -0.19	21.21 0.79 -2.91	20.16 0.73 -3.25	19.32 0.69 -2.98	20.01 0.69 -3.25	18.80 0.76 0.00	22.37 1.02 -0.02	25.38 1.02 -5.81	27.57 1.06 -7.22	31.16 1.39 -3.58	30.19 1.35 -2.34	30.29 1.11 -7.90	28.78 0.64 -15.76	29.34 0.86 -11.86	27.27 0.44 -18.08	26.73 0.44 -17.76	27.92 0.60 -16.09	31.54 0.60 -19.88	36.04 1.16 -14.96	34.12 0.91 -17.19	29.76 0.81 -13.98	27.13 0.52 -17.21	23.94 0.52 -13.54	22.63 0.72 -8.53
CH_MIDHUDSON___DRP 24192	24.27 1.12 -0.21	21.67 0.88 -3.29	20.67 0.81 -3.67	19.77 0.75 -3.36	20.52 0.77 -3.67	18.89 0.85 0.00	22.48 1.13 -0.03	26.14 1.02 -6.56	28.51 1.06 -8.16	31.66 1.41 -4.05	30.52 1.38 -2.64	31.34 1.13 -8.93	30.85 0.66 -17.81	30.90 0.88 -13.41	29.63 0.45 -20.44	29.04 0.44 -20.08	29.60 0.60 -17.76	33.59 0.58 -21.95	37.54 1.10 -16.52	35.86 0.86 -18.98	31.19 0.78 -15.43	28.91 0.51 -19.00	25.34 0.51 -14.95	23.50 0.71 -9.41

CH_MISC_IPPS 23765	24.38 1.24 -0.21	21.65 0.93 -3.22	20.62 0.84 -3.59	19.75 0.80 -3.29	20.50 0.84 -3.59	18.95 0.90 0.00	22.52 1.17 -0.03	26.09 1.09 -6.44	28.43 1.14 -8.00	31.66 1.49 -3.97	30.55 1.46 -2.59	31.23 1.19 -8.75	30.54 0.69 -17.46	30.69 0.93 -13.15	29.26 0.47 -20.04	28.69 0.48 -19.69	29.23 0.63 -17.36	33.13 0.62 -21.45	37.26 1.20 -16.14	35.51 0.94 -18.55	30.90 0.84 -15.09	28.52 0.55 -18.57	25.03 0.54 -14.61	23.34 0.76 -9.20
CH_RES_BVR_FALLS 23983	22.64 -0.30 0.00	17.31 -0.19 0.00	15.99 -0.19 0.00	15.50 -0.16 0.00	15.90 -0.18 0.00	17.83 -0.22 0.00	21.04 -0.28 0.00	18.31 -0.24 0.00	19.08 -0.21 0.00	25.93 -0.26 0.00	26.02 -0.48 0.00	20.86 -0.43 0.00	12.09 -0.30 0.00	16.15 -0.47 0.00	8.47 -0.27 0.00	8.23 -0.29 0.00	10.83 -0.40 0.00	10.64 -0.42 0.00	0.20 -0.74 18.99	-3.79 -0.61 19.19	-4.05 -0.57 18.45	-2.89 -0.36 11.94	-3.13 -0.38 12.63	-4.81 -0.52 17.67
CH_RES_NIAGARA 23895	22.65 -0.34 -0.06	18.21 -0.23 -0.93	17.13 -0.10 -1.04	16.35 -0.27 -0.96	16.84 -0.27 -1.04	17.88 -0.16 0.00	21.14 -0.19 -0.01	19.81 -0.61 -1.86	20.66 -0.95 -2.31	25.72 -1.62 -1.15	25.71 -1.54 -0.75	22.74 -1.08 -2.53	16.87 -0.56 -5.05	19.70 -0.71 -3.80	14.20 -0.33 -5.79	13.93 -0.28 -5.69	15.90 -0.30 -4.96	16.89 -0.30 -6.13	23.90 -0.64 -4.61	20.89 -0.42 -5.30	18.96 -0.33 -4.31	14.51 -0.20 -5.31	13.92 -0.13 -4.18	15.97 -0.04 -2.63
CH_RES_SYRACUSE 23985	23.26 0.28 -0.05	18.44 0.18 -0.76	17.19 0.16 -0.85	16.56 0.12 -0.77	17.05 0.13 -0.85	18.24 0.20 0.00	21.54 0.21 -0.01	20.27 0.20 -1.51	21.38 0.21 -1.88	27.39 0.26 -0.93	27.43 0.32 -0.61	23.62 0.28 -2.05	16.68 0.20 -4.10	19.98 0.28 -3.09	13.61 0.17 -4.70	13.31 0.17 -4.62	15.50 0.25 -4.01	16.29 0.27 -4.96	24.13 0.48 -3.73	20.68 0.38 -4.29	18.82 0.36 -3.49	13.92 0.23 -4.29	13.48 0.23 -3.38	15.82 0.32 -2.13
CLINTON_WT_PWR 323605	22.75 -0.18 0.00	17.44 -0.07 0.00	16.12 -0.06 0.00	15.72 0.06 0.00	16.17 0.10 0.00	18.17 0.13 0.00	21.38 0.06 0.00	18.59 0.04 0.00	19.37 0.08 0.00	26.56 0.37 0.00	26.74 0.24 0.00	21.46 0.17 0.00	12.36 -0.02 0.00	16.55 -0.07 0.00	8.68 -0.07 0.00	8.42 -0.10 0.00	11.03 -0.20 0.00	10.72 -0.34 0.00	6.43 -0.84 12.66	2.36 -0.85 12.80	1.82 -0.85 12.30	0.87 -0.57 7.96	0.81 -0.64 8.42	0.65 -0.95 11.78
CLINTON__LFGE 323618	22.98 0.05 0.00	17.59 0.09 0.00	16.27 0.08 0.00	15.89 0.24 0.00	16.33 0.26 0.00	18.35 0.31 0.00	21.58 0.26 0.00	18.78 0.22 0.00	19.58 0.29 0.00	26.87 0.68 0.00	27.03 0.53 0.00	21.69 0.40 0.00	12.49 0.11 0.00	16.75 0.13 0.00	8.77 0.03 0.00	8.51 -0.01 0.00	11.16 -0.08 0.00	10.84 -0.22 0.00	6.73 -0.60 12.60	2.60 -0.67 12.73	2.04 -0.69 12.24	0.99 -0.49 7.92	0.94 -0.55 8.38	0.81 -0.84 11.72
COBBLENY_34_KV_TB1 80064	23.18 0.18 -0.06	18.63 0.14 -0.99	17.52 0.23 -1.10	16.71 0.05 -1.01	17.24 0.06 -1.10	18.79 0.74 0.00	21.58 0.26 -0.01	20.43 -0.09 -1.97	21.20 -0.54 -2.45	26.39 -1.02 -1.21	26.39 -0.90 -0.79	23.37 -0.60 -2.68	17.43 -0.30 -5.34	20.24 -0.40 -4.02	14.71 -0.17 -6.13	14.43 -0.12 -6.02	16.48 -0.08 -5.32	17.58 -0.06 -6.57	24.73 -0.14 -4.94	21.66 -0.03 -5.68	19.58 -0.01 -4.62	15.09 0.00 -5.69	14.40 0.05 -4.48	16.37 0.17 -2.82
COFFEEN__115KV_TB3 355620	22.98 0.02 -0.02	17.85 -0.04 -0.38	16.50 -0.11 -0.42	15.97 -0.08 -0.39	16.42 -0.08 -0.42	18.05 0.00 0.00	21.32 0.00 0.00	19.28 -0.04 -0.76	20.33 0.10 -0.94	26.71 0.05 -0.47	26.86 0.05 -0.30	22.30 -0.02 -1.03	14.39 -0.05 -2.05	18.09 -0.07 -1.55	11.11 0.01 -2.36	10.89 0.05 -2.31	13.36 0.08 -2.04	13.75 0.17 -2.53	19.84 0.38 0.46	16.09 0.29 0.20	14.77 0.31 0.52	10.29 0.19 -0.70	10.23 0.21 -0.15	12.43 0.17 1.12
COLDSPRG_115KV_BK1 355956	23.64 0.64 -0.07	18.96 0.44 -1.02	17.82 0.50 -1.13	16.98 0.28 -1.04	17.48 0.27 -1.13	19.27 1.23 0.00	21.80 0.47 -0.01	20.70 0.11 -2.03	21.47 -0.35 -2.52	26.66 -0.79 -1.25	26.60 -0.72 -0.82	23.54 -0.51 -2.76	17.60 -0.28 -5.50	20.34 -0.42 -4.14	14.87 -0.19 -6.32	14.57 -0.15 -6.20	16.60 -0.11 -5.48	17.75 -0.08 -6.77	24.94 -0.08 -5.09	21.89 0.03 -5.85	19.78 0.04 -4.76	15.29 0.03 -5.86	14.56 0.08 -4.61	16.49 0.21 -2.90
COLONIE_LFGE__ 323577	24.18 0.99 -0.26	22.25 0.74 -4.01	21.35 0.70 -4.47	20.40 0.64 -4.10	21.22 0.67 -4.47	18.80 0.76 0.00	22.34 0.98 -0.03	27.37 0.82 -8.00	30.08 0.85 -9.94	32.30 1.18 -4.93	30.94 1.22 -3.22	33.16 1.00 -10.87	34.66 0.58 -21.69	33.73 0.78 -16.33	34.02 0.38 -24.90	33.35 0.37 -24.46	33.31 0.49 -21.58	38.22 0.50 -26.66	40.89 0.90 -20.06	39.79 0.72 -23.06	34.40 0.67 -18.75	32.90 0.41 -23.08	28.47 0.43 -18.16	25.41 0.60 -11.44
COOPERNY_115KV_TB1 80082	23.93 0.85 -0.15	20.48 0.65 -2.33	19.39 0.60 -2.60	18.60 0.56 -2.38	19.25 0.58 -2.60	18.70 0.65 0.00	22.17 0.83 -0.02	24.00 0.80 -4.65	25.88 0.81 -5.78	30.11 1.05 -2.87	29.43 1.06 -1.87	28.46 0.85 -6.32	25.50 0.51 -12.61	26.77 0.66 -9.49	23.57 0.35 -14.47	23.08 0.35 -14.21	24.23 0.46 -12.53	27.01 0.46 -15.49	32.46 0.88 -11.65	30.11 0.70 -13.39	26.51 0.64 -10.89	23.22 0.41 -13.41	20.84 0.41 -10.55	20.58 0.56 -6.64
COPENHAGEN_WT_PWR 323753	22.87 -0.09 -0.03	17.78 -0.12 -0.39	16.47 -0.16 -0.44	15.92 -0.14 -0.40	16.37 -0.14 -0.44	17.96 -0.09 0.00	21.22 -0.11 0.00	19.19 -0.15 -0.79	20.25 -0.02 -0.98	26.60 -0.08 -0.49	26.74 -0.08 -0.32	22.23 -0.13 -1.07	14.42 -0.10 -2.13	18.09 -0.13 -1.61	11.16 -0.03 -2.45	10.93 0.00 -2.41	13.41 0.00 -2.18	13.83 0.08 -2.69	19.92 0.20 0.21	16.23 0.14 -0.07	14.86 0.17 0.28	10.44 0.11 -0.93	10.34 0.12 -0.35	12.55 0.09 0.92
CORNELL____ 23752	23.77 0.76 -0.08	19.21 0.53 -1.18	18.01 0.50 -1.32	17.31 0.44 -1.21	17.86 0.47 -1.32	18.71 0.67 0.00	22.03 0.70 -0.01	21.56 0.65 -2.36	22.88 0.66 -2.93	28.43 0.79 -1.46	28.27 0.82 -0.95	25.16 0.66 -3.21	19.20 0.42 -6.40	22.01 0.58 -4.82	16.41 0.32 -7.35	16.07 0.33 -7.22	18.10 0.49 -6.37	19.46 0.53 -7.87	26.80 0.96 -5.92	23.59 0.77 -6.81	21.23 0.72 -5.54	16.67 0.45 -6.81	15.69 0.45 -5.36	17.37 0.62 -3.38
CORONAAV_69_KV_TB1 355595	24.84 1.70 -0.21	22.00 1.23 -3.27	20.93 1.10 -3.64	19.95 0.96 -3.34	20.75 1.03 -3.64	19.27 1.23 0.00	22.99 1.64 -0.03	26.72 1.65 -6.51	29.11 1.72 -8.10	32.46 2.25 -4.02	31.08 1.96 -2.62	31.66 1.51 -8.85	31.02 0.97 -17.67	31.14 1.23 -13.30	29.72 0.70 -20.28	29.13 0.69 -19.92	29.78 0.92 -17.62	33.58 0.74 -21.77	37.74 1.43 -16.38	36.03 1.18 -18.83	31.41 1.12 -15.31	29.08 0.77 -18.90	25.59 0.85 -14.87	23.85 1.14 -9.34
CORTLAND_115KV_TB3 80093	23.55 0.55 -0.07	18.98 0.39 -1.09	17.76 0.36 -1.22	17.09 0.31 -1.11	17.63 0.34 -1.22	18.55 0.51 0.00	21.84 0.51 -0.01	21.19 0.46 -2.17	22.46 0.46 -2.70	28.08 0.55 -1.34	27.96 0.58 -0.87	24.71 0.47 -2.96	18.59 0.31 -5.90	21.49 0.43 -4.44	15.76 0.24 -6.77	15.42 0.25 -6.65	17.48 0.37 -5.87	18.70 0.39 -7.25	26.10 0.72 -5.46	22.86 0.58 -6.27	20.62 0.54 -5.10	16.02 0.34 -6.28	15.16 0.35 -4.94	16.95 0.47 -3.11

COXSACKIE___GT 23611	24.66 1.49 -0.24	22.21 0.96 -3.74	21.22 0.86 -4.18	20.30 0.81 -3.83	21.12 0.87 -4.18	19.06 1.01 0.00	22.67 1.32 -0.03	26.98 0.95 -7.47	29.62 1.04 -9.29	32.14 1.34 -4.61	30.78 1.27 -3.00	32.56 1.11 -10.16	33.30 0.64 -20.28	32.74 0.86 -15.26	32.43 0.42 -23.27	31.80 0.43 -22.86	32.01 0.61 -20.16	36.64 0.66 -24.91	39.93 1.26 -18.75	38.50 0.94 -21.55	33.33 0.84 -17.52	31.48 0.51 -21.57	27.35 0.51 -16.97	24.82 0.76 -10.69
CPV_VALLEY___CC1 323721	24.09 0.99 -0.17	20.97 0.75 -2.72	19.91 0.70 -3.03	19.08 0.64 -2.78	19.78 0.67 -3.03	18.79 0.74 0.00	22.30 0.96 -0.02	24.90 0.93 -5.42	26.97 0.95 -6.73	30.76 1.23 -3.34	29.90 1.22 -2.18	29.64 0.98 -7.37	27.66 0.58 -14.70	28.44 0.76 -11.06	26.01 0.39 -16.87	25.48 0.39 -16.57	26.37 0.53 -14.60	29.63 0.52 -18.04	34.50 1.00 -13.58	32.41 0.80 -15.60	28.38 0.72 -12.69	25.48 0.46 -15.62	22.63 0.46 -12.29	21.74 0.63 -7.74
CPV_VALLEY___CC2 323722	24.09 0.99 -0.17	20.97 0.75 -2.72	19.91 0.70 -3.03	19.08 0.64 -2.78	19.78 0.67 -3.03	18.79 0.74 0.00	22.30 0.96 -0.02	24.90 0.93 -5.42	26.97 0.95 -6.73	30.76 1.23 -3.34	29.90 1.22 -2.18	29.64 0.98 -7.37	27.66 0.58 -14.70	28.44 0.76 -11.06	26.01 0.39 -16.87	25.48 0.39 -16.57	26.37 0.53 -14.60	29.63 0.52 -18.04	34.50 1.00 -13.58	32.41 0.80 -15.60	28.38 0.72 -12.69	25.48 0.46 -15.62	22.63 0.46 -12.29	21.74 0.63 -7.74
CRESCENT___HYD 24018	24.18 0.99 -0.26	22.25 0.74 -4.01	21.35 0.70 -4.47	20.40 0.64 -4.10	21.22 0.67 -4.47	18.80 0.76 0.00	22.34 0.98 -0.03	27.37 0.82 -8.00	30.08 0.85 -9.94	32.30 1.18 -4.93	30.94 1.22 -3.22	33.16 1.00 -10.87	34.66 0.58 -21.69	33.73 0.78 -16.33	34.02 0.38 -24.90	33.35 0.37 -24.46	33.31 0.49 -21.58	38.22 0.50 -26.66	40.89 0.90 -20.06	39.79 0.72 -23.06	34.40 0.67 -18.75	32.90 0.41 -23.08	28.47 0.43 -18.16	25.41 0.60 -11.44
CRICKET___VALLEY_CC1 323756	24.07 0.92 -0.22	21.64 0.72 -3.42	20.68 0.68 -3.81	19.78 0.63 -3.49	20.56 0.67 -3.81	18.79 0.74 0.00	22.29 0.94 -0.03	26.19 0.82 -6.82	28.60 0.83 -8.48	31.53 1.13 -4.21	30.38 1.14 -2.74	31.46 0.89 -9.28	31.43 0.53 -18.51	31.26 0.71 -13.93	30.34 0.35 -21.24	29.73 0.34 -20.87	30.09 0.45 -18.40	34.23 0.43 -22.74	37.85 0.82 -17.11	36.33 0.66 -19.67	31.57 0.60 -15.99	29.47 0.39 -19.68	25.77 0.40 -15.49	23.70 0.57 -9.75
CRICKET___VALLEY_CC2 323757	24.07 0.92 -0.22	21.64 0.72 -3.42	20.68 0.68 -3.81	19.78 0.63 -3.49	20.56 0.67 -3.81	18.79 0.74 0.00	22.29 0.94 -0.03	26.19 0.82 -6.82	28.60 0.83 -8.48	31.53 1.13 -4.21	30.38 1.14 -2.74	31.46 0.89 -9.28	31.43 0.53 -18.51	31.26 0.71 -13.93	30.34 0.35 -21.24	29.73 0.34 -20.87	30.09 0.45 -18.40	34.23 0.43 -22.74	37.85 0.82 -17.11	36.33 0.66 -19.67	31.57 0.60 -15.99	29.47 0.39 -19.68	25.77 0.40 -15.49	23.70 0.57 -9.75
CRICKET___VALLEY_CC3 323758	24.07 0.92 -0.22	21.64 0.72 -3.42	20.68 0.68 -3.81	19.78 0.63 -3.49	20.56 0.67 -3.81	18.79 0.74 0.00	22.29 0.94 -0.03	26.19 0.82 -6.82	28.60 0.83 -8.48	31.53 1.13 -4.21	30.38 1.14 -2.74	31.46 0.89 -9.28	31.43 0.53 -18.51	31.26 0.71 -13.93	30.34 0.35 -21.24	29.73 0.34 -20.87	30.09 0.45 -18.40	34.23 0.43 -22.74	37.85 0.82 -17.11	36.33 0.66 -19.67	31.57 0.60 -15.99	29.47 0.39 -19.68	25.77 0.40 -15.49	23.70 0.57 -9.75
CRUCIBLE_METL_DRP 24180	23.26 0.28 -0.05	18.44 0.18 -0.76	17.19 0.16 -0.85	16.56 0.13 -0.77	17.06 0.14 -0.85	18.26 0.22 0.00	21.54 0.21 -0.01	20.29 0.22 -1.51	21.40 0.23 -1.88	27.39 0.26 -0.93	27.43 0.32 -0.61	23.62 0.28 -2.05	16.68 0.20 -4.10	19.98 0.28 -3.09	13.62 0.17 -4.71	13.31 0.17 -4.62	15.56 0.25 -4.08	16.37 0.27 -5.04	24.20 0.48 -3.79	20.75 0.38 -4.36	18.88 0.36 -3.55	13.99 0.23 -4.36	13.53 0.23 -3.43	15.86 0.32 -2.16
DAHOWA___HYDRO 323763	24.34 1.15 -0.26	22.41 0.86 -4.04	21.51 0.81 -4.51	20.51 0.72 -4.13	21.34 0.76 -4.51	18.89 0.85 0.00	22.53 1.17 -0.03	27.59 0.96 -8.07	30.34 1.02 -10.03	32.58 1.41 -4.98	31.23 1.48 -3.24	33.50 1.23 -10.97	34.98 0.71 -21.89	34.02 0.93 -16.48	34.32 0.45 -25.12	33.65 0.45 -24.68	33.62 0.61 -21.77	38.58 0.62 -26.90	41.28 1.12 -20.24	40.20 0.93 -23.26	34.72 0.82 -18.92	33.19 0.50 -23.29	28.72 0.52 -18.32	25.61 0.70 -11.54
DANC___LFGE 323619	22.83 -0.14 -0.03	17.84 -0.14 -0.48	16.56 -0.16 -0.53	15.99 -0.16 -0.49	16.45 -0.16 -0.53	17.92 -0.13 0.00	21.18 -0.15 0.00	19.34 -0.17 -0.95	20.38 -0.10 -1.18	26.60 -0.18 -0.59	26.73 -0.16 -0.38	22.44 -0.15 -1.30	14.87 -0.10 -2.58	18.43 -0.13 -1.95	11.68 -0.03 -2.97	11.41 -0.03 -2.91	13.82 -0.01 -2.59	14.31 0.04 -3.21	20.95 0.12 -0.90	17.34 0.08 -1.25	15.87 0.11 -0.79	11.30 0.07 -1.83	11.13 0.08 -1.18	13.41 0.07 0.03
DANSKAMMER___1 23586	24.38 1.24 -0.21	21.65 0.93 -3.22	20.62 0.84 -3.59	19.75 0.80 -3.29	20.50 0.84 -3.59	18.95 0.90 0.00	22.52 1.17 -0.03	26.09 1.09 -6.44	28.43 1.14 -8.00	31.66 1.49 -3.97	30.55 1.46 -2.59	31.23 1.19 -8.75	30.54 0.69 -17.46	30.69 0.93 -13.15	29.26 0.47 -20.04	28.69 0.48 -19.69	29.23 0.63 -17.36	33.13 0.62 -21.45	37.26 1.20 -16.14	35.51 0.94 -18.55	30.90 0.84 -15.09	28.52 0.55 -18.57	25.03 0.54 -14.61	23.34 0.76 -9.20
DANSKAMMER___2 23589	24.38 1.24 -0.21	21.65 0.93 -3.22	20.62 0.84 -3.59	19.75 0.80 -3.29	20.50 0.84 -3.59	18.95 0.90 0.00	22.52 1.17 -0.03	26.09 1.09 -6.44	28.43 1.14 -8.00	31.66 1.49 -3.97	30.55 1.46 -2.59	31.23 1.19 -8.75	30.54 0.69 -17.46	30.69 0.93 -13.15	29.26 0.47 -20.04	28.69 0.48 -19.69	29.23 0.63 -17.36	33.13 0.62 -21.45	37.26 1.20 -16.14	35.51 0.94 -18.55	30.90 0.84 -15.09	28.52 0.55 -18.57	25.03 0.54 -14.61	23.34 0.76 -9.20
DANSKAMMER___3 23590	24.38 1.24 -0.21	21.65 0.93 -3.22	20.62 0.84 -3.59	19.75 0.80 -3.29	20.50 0.84 -3.59	18.95 0.90 0.00	22.52 1.17 -0.03	26.09 1.09 -6.44	28.43 1.14 -8.00	31.66 1.49 -3.97	30.55 1.46 -2.59	31.23 1.19 -8.75	30.54 0.69 -17.46	30.69 0.93 -13.15	29.26 0.47 -20.04	28.69 0.48 -19.69	29.23 0.63 -17.36	33.13 0.62 -21.45	37.26 1.20 -16.14	35.51 0.94 -18.55	30.90 0.84 -15.09	28.52 0.55 -18.57	25.03 0.54 -14.61	23.34 0.76 -9.20
DANSKAMMER___4 23591	24.38 1.24 -0.21	21.65 0.93 -3.22	20.62 0.84 -3.59	19.75 0.80 -3.29	20.50 0.84 -3.59	18.95 0.90 0.00	22.52 1.17 -0.03	26.09 1.09 -6.44	28.43 1.14 -8.00	31.66 1.49 -3.97	30.55 1.46 -2.59	31.23 1.19 -8.75	30.54 0.69 -17.46	30.69 0.93 -13.15	29.26 0.47 -20.04	28.69 0.48 -19.69	29.23 0.63 -17.36	33.13 0.62 -21.45	37.26 1.20 -16.14	35.51 0.94 -18.55	30.90 0.84 -15.09	28.52 0.55 -18.57	25.03 0.54 -14.61	23.34 0.76 -9.20
DANSKAMMER___DIESEL 23592	24.36 1.22 -0.21	21.65 0.93 -3.22	20.62 0.84 -3.59	19.75 0.80 -3.29	20.49 0.82 -3.59	18.93 0.88 0.00	22.52 1.17 -0.03	26.06 1.08 -6.42	28.42 1.14 -7.98	31.65 1.49 -3.96	30.54 1.46 -2.58	31.22 1.19 -8.73	30.50 0.69 -17.43	30.66 0.93 -13.12	29.22 0.47 -20.00	28.64 0.48 -19.65	29.25 0.63 -17.39	33.18 0.63 -21.48	37.29 1.20 -16.17	35.53 0.94 -18.58	30.92 0.84 -15.11	28.55 0.55 -18.60	25.05 0.54 -14.63	23.35 0.76 -9.22

DARBY___SOLAR 323810	24.32 1.12 -0.26	22.37 0.82 -4.04	21.47 0.78 -4.51	20.48 0.69 -4.13	21.32 0.74 -4.51	18.88 0.83 0.00	22.48 1.13 -0.03	27.54 0.93 -8.06	30.30 0.98 -10.02	32.53 1.36 -4.97	31.17 1.43 -3.24	33.44 1.19 -10.96	34.93 0.68 -21.87	33.97 0.90 -16.46	34.28 0.44 -25.10	33.61 0.43 -24.65	33.56 0.57 -21.75	38.54 0.60 -26.88	41.22 1.08 -20.22	40.13 0.88 -23.24	34.67 0.79 -18.90	33.15 0.48 -23.27	28.68 0.50 -18.30	25.57 0.67 -11.53
DASHVILLE___HYD 23610	24.04 0.89 -0.21	21.39 0.58 -3.31	20.40 0.52 -3.69	19.54 0.50 -3.38	20.26 0.50 -3.69	18.75 0.70 0.00	22.29 0.94 -0.03	25.86 0.71 -6.60	28.25 0.75 -8.20	31.23 0.97 -4.07	30.05 0.90 -2.65	30.99 0.72 -8.97	30.72 0.43 -17.91	30.66 0.56 -13.48	29.58 0.29 -20.55	29.01 0.30 -20.19	29.49 0.40 -17.85	33.52 0.40 -22.06	37.30 0.78 -16.60	35.68 0.59 -19.08	31.01 0.52 -15.51	28.85 0.35 -19.09	25.24 0.35 -15.02	23.32 0.48 -9.46
DEERFIELD_69_KV_DEERFIELD LD 355887	26.16 2.94 -0.29	22.91 2.14 -3.27	21.72 1.89 -3.64	20.66 1.66 -3.34	21.50 1.78 -3.64	20.23 2.18 0.00	24.14 2.79 -0.03	27.84 2.69 -6.59	30.25 2.78 -8.18	39.58 3.77 -9.62	36.92 3.31 -7.11	37.49 2.58 -13.62	37.10 1.63 -23.08	37.25 2.08 -18.56	36.27 1.21 -26.32	36.88 1.20 -27.16	38.35 1.58 -25.53	62.79 1.32 -50.41	100.17 2.51 -77.74	43.25 2.07 -25.17	38.54 1.96 -21.60	36.36 1.34 -25.62	34.51 1.43 -23.20	24.70 1.93 -9.40
DELAWARE___LFGE 323621	23.96 0.89 -0.13	20.15 0.65 -1.99	19.01 0.60 -2.23	18.28 0.58 -2.04	18.89 0.59 -2.23	18.77 0.72 0.00	22.19 0.85 -0.02	23.28 0.74 -3.98	25.03 0.79 -4.94	29.69 1.05 -2.45	29.19 1.09 -1.60	27.57 0.87 -5.41	23.71 0.53 -10.79	25.45 0.71 -8.13	21.51 0.38 -12.39	21.06 0.37 -12.17	22.47 0.49 -10.74	24.84 0.51 -13.27	30.83 0.92 -9.99	28.22 0.74 -11.48	25.01 0.70 -9.33	21.34 0.44 -11.49	19.37 0.45 -9.04	19.67 0.60 -5.69
DERFIELD_115KV_TB7 355931	23.00 0.07 0.00	17.56 0.05 0.00	16.24 0.05 0.00	15.71 0.05 0.00	16.12 0.05 0.00	18.10 0.05 0.00	21.41 0.09 0.00	18.61 0.06 0.00	19.37 0.08 0.00	26.27 0.08 0.00	26.61 0.11 0.00	21.37 0.09 0.00	12.43 0.05 0.00	16.68 0.07 0.00	8.78 0.03 0.00	8.56 0.03 0.00	11.28 0.04 0.00	11.11 0.04 0.00	20.75 0.10 0.00	16.81 0.06 -0.73	15.76 0.07 -0.71	9.90 0.04 -0.46	10.40 0.04 -0.48	14.10 0.05 -0.68
DOGLEVILLE___HYD 23807	23.14 0.21 0.00	17.70 0.19 0.00	16.38 0.19 0.00	15.86 0.20 0.00	16.30 0.22 0.00	18.33 0.29 0.00	21.66 0.34 0.00	18.82 0.26 0.00	19.54 0.25 0.00	26.48 0.29 0.00	26.79 0.29 0.00	21.48 0.19 0.00	12.48 0.10 0.00	16.71 0.10 0.00	8.77 0.03 0.00	8.53 0.01 0.00	11.65 -0.02 -0.43	11.57 -0.02 -0.53	20.99 -0.06 -1.13	17.14 -0.06 -1.20	16.01 -0.04 -1.08	10.30 -0.03 -0.92	10.69 -0.03 -0.85	14.23 -0.05 -0.91
DUNKIRK___115KV_TB_200 55889	23.48 0.48 -0.06	18.85 0.35 -0.99	17.72 0.42 -1.11	16.89 0.22 -1.01	17.39 0.21 -1.11	18.86 0.81 0.00	21.71 0.38 -0.01	20.57 0.04 -1.98	21.33 -0.42 -2.46	26.52 -0.89 -1.22	26.50 -0.80 -0.80	23.43 -0.55 -2.69	17.48 -0.27 -5.37	20.28 -0.38 -4.04	14.75 -0.16 -6.16	14.46 -0.12 -6.05	16.50 -0.08 -5.35	17.61 -0.06 -6.60	24.80 -0.10 -4.97	21.74 0.02 -5.71	19.66 0.04 -4.64	15.15 0.03 -5.72	14.47 0.10 -4.50	16.46 0.25 -2.83
DUNKIRK___1 23563	23.48 0.48 -0.06	18.85 0.35 -0.99	17.72 0.42 -1.11	16.89 0.22 -1.01	17.39 0.21 -1.11	18.86 0.81 0.00	21.71 0.38 -0.01	20.57 0.04 -1.98	21.33 -0.42 -2.46	26.52 -0.89 -1.22	26.50 -0.80 -0.80	23.43 -0.55 -2.69	17.48 -0.27 -5.37	20.28 -0.38 -4.04	14.75 -0.16 -6.16	14.46 -0.12 -6.05	16.50 -0.08 -5.35	17.61 -0.06 -6.60	24.80 -0.10 -4.97	21.74 0.02 -5.71	19.66 0.04 -4.64	15.15 0.03 -5.72	14.47 0.10 -4.50	16.46 0.25 -2.83
DUNKIRK___2 23564	23.48 0.48 -0.06	18.85 0.35 -0.99	17.72 0.42 -1.11	16.89 0.22 -1.01	17.39 0.21 -1.11	18.86 0.81 0.00	21.71 0.38 -0.01	20.57 0.04 -1.98	21.33 -0.42 -2.46	26.52 -0.89 -1.22	26.50 -0.80 -0.80	23.43 -0.55 -2.69	17.48 -0.27 -5.37	20.28 -0.38 -4.04	14.75 -0.16 -6.16	14.46 -0.12 -6.05	16.50 -0.08 -5.35	17.61 -0.06 -6.60	24.80 -0.10 -4.97	21.74 0.02 -5.71	19.66 0.04 -4.64	15.15 0.03 -5.72	14.47 0.10 -4.50	16.46 0.25 -2.83
DUNKIRK___3 23565	23.37 0.37 -0.06	18.76 0.26 -0.99	17.63 0.34 -1.11	16.81 0.14 -1.02	17.33 0.14 -1.11	18.82 0.78 0.00	21.65 0.32 -0.01	20.54 0.00 -1.98	21.31 -0.44 -2.46	26.50 -0.92 -1.22	26.45 -0.85 -0.80	23.41 -0.57 -2.69	17.47 -0.28 -5.37	20.28 -0.38 -4.05	14.75 -0.17 -6.17	14.46 -0.12 -6.06	16.49 -0.09 -5.35	17.60 -0.07 -6.61	24.80 -0.10 -4.97	21.72 0.00 -5.71	19.64 0.01 -4.65	15.14 0.02 -5.72	14.44 0.07 -4.50	16.42 0.21 -2.83
DUNKIRK___4 23566	23.39 0.39 -0.06	18.78 0.30 -0.98	17.65 0.37 -1.09	16.82 0.16 -1.00	17.33 0.16 -1.09	18.82 0.78 0.00	21.67 0.34 -0.01	20.49 -0.02 -1.96	21.26 -0.46 -2.43	26.46 -0.94 -1.21	26.44 -0.85 -0.79	23.38 -0.57 -2.66	17.41 -0.28 -5.31	20.21 -0.40 -4.00	14.67 -0.17 -6.09	14.38 -0.13 -5.99	16.43 -0.09 -5.29	17.53 -0.07 -6.53	24.72 -0.12 -4.91	21.64 -0.02 -5.65	19.58 0.01 -4.59	15.07 0.01 -5.65	14.40 0.08 -4.45	16.40 0.23 -2.80
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	24.41 1.26 -0.21	21.73 0.96 -3.26	20.74 0.91 -3.64	19.83 0.83 -3.34	20.57 0.85 -3.64	18.98 0.94 0.00	22.65 1.30 -0.03	26.29 1.22 -6.51	28.68 1.29 -8.09	31.91 1.70 -4.02	30.79 1.67 -2.62	31.48 1.34 -8.85	30.83 0.78 -17.66	30.94 1.03 -13.30	29.55 0.53 -20.27	28.96 0.53 -19.91	29.55 0.70 -17.62	33.51 0.67 -21.77	37.56 1.26 -16.38	35.86 1.02 -18.83	31.21 0.93 -15.31	28.84 0.59 -18.85	25.31 0.61 -14.83	23.53 0.82 -9.34
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	24.23 1.10 -0.20	21.44 0.84 -3.10	20.42 0.78 -3.45	19.54 0.72 -3.17	20.27 0.74 -3.45	18.86 0.81 0.00	22.43 1.09 -0.03	25.73 1.00 -6.18	28.01 1.04 -7.68	31.36 1.36 -3.81	30.31 1.33 -2.48	30.77 1.09 -8.40	29.78 0.64 -16.76	30.08 0.85 -12.61	28.40 0.43 -19.23	27.85 0.43 -18.89	28.55 0.58 -16.73	32.31 0.58 -20.68	36.60 1.12 -15.56	34.77 0.88 -17.88	30.31 0.79 -14.54	27.81 0.51 -17.90	24.47 0.51 -14.08	22.95 0.71 -8.87
E179THST_138_KV_TB4_REV_LBMP_J 345001	24.41 1.26 -0.21	21.75 0.98 -3.26	20.75 0.92 -3.64	19.83 0.83 -3.34	20.57 0.85 -3.64	18.86 0.81 0.00	22.48 1.13 -0.03	26.14 1.08 -6.51	28.54 1.16 -8.09	31.70 1.49 -4.02	30.58 1.46 -2.62	31.31 1.17 -8.85	30.73 0.68 -17.66	30.81 0.90 -13.30	29.48 0.46 -20.27	28.90 0.46 -19.91	29.46 0.61 -17.62	33.42 0.59 -21.77	37.38 1.08 -16.38	35.72 0.88 -18.83	31.08 0.79 -15.31	28.76 0.51 -18.85	25.24 0.54 -14.83	23.46 0.75 -9.34
E179THST_13_KV_LOAD 356214	24.47 1.33 -0.21	21.80 1.03 -3.26	20.80 0.97 -3.64	19.87 0.88 -3.34	20.62 0.90 -3.64	18.91 0.87 0.00	22.54 1.19 -0.03	26.22 1.15 -6.51	28.62 1.23 -8.09	31.78 1.57 -4.02	30.68 1.56 -2.62	31.40 1.26 -8.85	30.78 0.73 -17.66	30.88 0.96 -13.30	29.51 0.49 -20.27	28.92 0.49 -19.91	29.51 0.65 -17.62	33.48 0.64 -21.77	37.46 1.16 -16.38	35.78 0.94 -18.83	31.14 0.85 -15.31	28.80 0.55 -18.85	25.28 0.58 -14.83	23.52 0.80 -9.34

EAST HAMPTON___GT 23717	26.44 3.21 -0.29	23.08 2.31 -3.27	21.89 2.06 -3.64	20.81 1.82 -3.34	21.79 2.07 -3.64	20.45 2.40 0.00	24.37 3.01 -0.05	29.16 2.91 -7.69	30.50 3.01 -8.20	39.93 4.11 -9.63	37.40 3.79 -7.11	37.80 2.87 -13.64	37.31 1.81 -23.12	37.51 2.31 -18.59	36.43 1.32 -26.37	37.04 1.31 -27.21	38.48 1.74 -25.50	62.89 1.46 -50.37	100.44 2.81 -77.70	43.46 2.31 -25.14	38.76 2.20 -21.58	36.45 1.46 -25.59	34.61 1.55 -23.18	24.84 2.07 -9.39
EAST RIVER___6 23660	24.54 1.40 -0.21	21.84 1.07 -3.26	20.85 1.02 -3.64	19.93 0.94 -3.34	20.73 1.01 -3.64	19.15 1.10 0.00	22.78 1.43 -0.03	26.47 1.39 -6.52	28.87 1.47 -8.11	32.10 1.89 -4.02	31.00 1.88 -2.62	31.67 1.51 -8.87	30.96 0.88 -17.70	31.10 1.16 -13.32	29.65 0.59 -20.31	29.06 0.59 -19.95	29.61 0.77 -17.59	33.56 0.76 -21.74	37.68 1.39 -16.36	35.95 1.14 -18.80	31.28 1.02 -15.29	28.87 0.65 -18.82	25.37 0.69 -14.81	23.61 0.91 -9.33
EAST RIVER___7 23524	24.54 1.40 -0.21	21.84 1.07 -3.26	20.85 1.02 -3.64	19.93 0.94 -3.34	20.73 1.01 -3.64	19.15 1.10 0.00	22.78 1.43 -0.03	26.47 1.39 -6.52	28.87 1.47 -8.11	32.10 1.89 -4.02	31.00 1.88 -2.62	31.67 1.51 -8.87	30.96 0.88 -17.70	31.10 1.16 -13.32	29.65 0.59 -20.31	29.06 0.59 -19.95	29.61 0.77 -17.59	33.56 0.76 -21.74	37.68 1.39 -16.36	35.95 1.14 -18.80	31.28 1.02 -15.29	28.87 0.65 -18.82	25.37 0.69 -14.81	23.61 0.91 -9.33
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	24.38 1.24 -0.21	21.71 0.95 -3.26	20.71 0.89 -3.64	19.80 0.81 -3.33	20.55 0.84 -3.64	18.97 0.92 0.00	22.61 1.26 -0.03	26.25 1.19 -6.50	28.63 1.25 -8.08	31.85 1.65 -4.01	30.73 1.62 -2.61	31.43 1.30 -8.84	30.78 0.76 -17.64	30.89 1.00 -13.28	29.50 0.52 -20.24	28.92 0.51 -19.88	29.51 0.67 -17.60	33.47 0.66 -21.74	37.52 1.24 -16.36	35.80 0.99 -18.80	31.16 0.90 -15.29	28.81 0.58 -18.82	25.28 0.60 -14.81	23.50 0.80 -9.33
EAST_HAMPTON___DIESEL 23722	26.44 3.21 -0.29	23.08 2.31 -3.27	21.89 2.06 -3.64	20.81 1.82 -3.34	21.79 2.07 -3.64	20.45 2.40 0.00	24.37 3.01 -0.05	29.18 2.93 -7.69	30.50 3.01 -8.20	39.96 4.14 -9.63	37.43 3.82 -7.11	37.80 2.87 -13.64	37.31 1.81 -23.12	37.51 2.31 -18.59	36.43 1.32 -26.37	37.05 1.32 -27.21	38.48 1.74 -25.50	62.90 1.47 -50.37	100.45 2.83 -77.70	43.47 2.32 -25.14	38.76 2.20 -21.58	36.46 1.47 -25.59	34.60 1.55 -23.18	24.85 2.09 -9.39
EAST_PULASKI___ESR 323781	22.83 -0.14 -0.04	17.92 -0.14 -0.55	16.66 -0.15 -0.62	16.07 -0.16 -0.56	16.53 -0.16 -0.62	17.92 -0.13 0.00	21.15 -0.17 0.00	19.51 -0.15 -1.10	20.55 -0.12 -1.37	26.66 -0.21 -0.68	26.76 -0.19 -0.44	22.64 -0.15 -1.50	15.28 -0.09 -2.98	18.74 -0.12 -2.25	12.14 -0.03 -3.42	11.87 -0.02 -3.36	14.21 0.00 -2.97	14.76 0.03 -3.67	21.98 0.08 -1.97	18.44 0.05 -2.38	16.85 0.06 -1.82	12.12 0.04 -2.68	11.90 0.05 -1.98	14.27 0.05 -0.84
EAST_RIVER___1 323558	24.50 1.35 -0.21	21.80 1.03 -3.26	20.82 0.99 -3.64	19.90 0.91 -3.34	20.68 0.96 -3.64	19.07 1.03 0.00	22.71 1.37 -0.03	26.40 1.32 -6.52	28.79 1.39 -8.11	32.00 1.78 -4.02	30.90 1.78 -2.62	31.59 1.43 -8.87	30.91 0.83 -17.70	31.03 1.10 -13.32	29.62 0.56 -20.31	29.03 0.55 -19.95	29.57 0.74 -17.59	33.51 0.71 -21.74	37.60 1.31 -16.36	35.87 1.06 -18.80	31.24 0.97 -15.29	28.84 0.62 -18.82	25.33 0.65 -14.81	23.57 0.87 -9.33
EAST_RIVER___2 323559	24.54 1.40 -0.21	21.84 1.07 -3.26	20.85 1.02 -3.64	19.93 0.94 -3.34	20.73 1.01 -3.64	19.15 1.10 0.00	22.78 1.43 -0.03	26.47 1.39 -6.52	28.87 1.47 -8.11	32.10 1.89 -4.02	31.00 1.88 -2.62	31.67 1.51 -8.87	30.96 0.88 -17.70	31.10 1.16 -13.32	29.65 0.59 -20.31	29.06 0.59 -19.95	29.61 0.77 -17.59	33.56 0.76 -21.74	37.68 1.39 -16.36	35.95 1.14 -18.80	31.28 1.02 -15.29	28.87 0.65 -18.82	25.37 0.69 -14.81	23.61 0.91 -9.33
EAST___DELAWARE_HYD 23607	24.36 1.24 -0.18	21.28 0.93 -2.85	20.19 0.83 -3.18	19.37 0.80 -2.91	20.09 0.84 -3.18	18.93 0.88 0.00	22.49 1.15 -0.02	25.32 1.08 -5.69	27.50 1.14 -7.07	31.14 1.44 -3.51	30.19 1.40 -2.29	30.15 1.13 -7.73	28.48 0.67 -15.43	29.11 0.88 -11.61	26.91 0.46 -17.70	26.39 0.48 -17.39	27.21 0.64 -15.33	30.66 0.65 -18.94	35.44 1.26 -14.25	33.37 0.98 -16.38	29.18 0.88 -13.32	26.38 0.57 -16.40	23.34 0.56 -12.90	22.29 0.79 -8.13
EIGHT_POINT___WT_PWR 323820	23.90 0.89 -0.07	19.15 0.54 -1.10	17.97 0.55 -1.23	17.18 0.39 -1.13	17.71 0.40 -1.23	18.89 0.85 0.00	22.01 0.68 -0.01	21.10 0.35 -2.20	22.14 0.12 -2.73	27.47 -0.08 -1.35	27.33 -0.05 -0.88	24.26 -0.02 -2.99	18.35 0.01 -5.96	21.10 0.00 -4.49	15.61 0.03 -6.84	15.29 0.05 -6.72	17.23 0.16 -5.84	18.47 0.19 -7.22	25.72 0.36 -5.43	22.59 0.34 -6.24	20.35 0.30 -5.08	15.85 0.20 -6.25	15.02 0.23 -4.92	16.86 0.39 -3.10
ELBRIDGE_115KV_TB2 80188	23.28 0.30 -0.05	18.47 0.18 -0.79	17.25 0.18 -0.88	16.59 0.13 -0.81	17.10 0.14 -0.88	18.30 0.25 0.00	21.56 0.23 -0.01	20.36 0.22 -1.58	21.47 0.21 -1.97	27.40 0.24 -0.98	27.43 0.29 -0.64	23.70 0.26 -2.15	16.86 0.19 -4.29	20.09 0.25 -3.23	13.83 0.16 -4.93	13.52 0.16 -4.84	15.76 0.25 -4.27	16.59 0.25 -5.28	24.36 0.46 -3.97	20.96 0.38 -4.56	19.03 0.34 -3.71	14.19 0.22 -4.57	13.69 0.23 -3.59	15.96 0.32 -2.26
ELEC_TRO_TEK 24086	24.75 1.61 -0.21	21.93 1.16 -3.27	20.85 1.02 -3.64	19.89 0.89 -3.34	20.66 0.95 -3.64	19.20 1.15 0.00	22.90 1.56 -0.03	26.63 1.56 -6.51	29.02 1.62 -8.10	32.36 2.15 -4.02	30.95 1.83 -2.62	31.55 1.41 -8.85	30.95 0.90 -17.67	31.06 1.15 -13.30	29.69 0.66 -20.28	29.09 0.66 -19.92	29.72 0.87 -17.62	33.53 0.70 -21.77	37.65 1.34 -16.38	35.95 1.10 -18.83	31.34 1.05 -15.31	29.04 0.73 -18.90	25.56 0.80 -14.89	23.79 1.07 -9.34
ELLENBURG_WT_PWR 323604	22.75 -0.18 0.00	17.44 -0.07 0.00	16.12 -0.06 0.00	15.72 0.06 0.00	16.17 0.10 0.00	18.17 0.13 0.00	21.38 0.06 0.00	18.59 0.04 0.00	19.37 0.08 0.00	26.56 0.37 0.00	26.74 0.24 0.00	21.46 0.17 0.00	12.36 -0.02 0.00	16.55 -0.07 0.00	8.68 -0.07 0.00	8.42 -0.10 0.00	11.03 -0.20 0.00	10.72 -0.34 0.00	6.43 -0.84 12.66	2.36 -0.85 12.80	1.82 -0.85 12.30	0.87 -0.57 7.96	0.81 -0.64 8.42	0.65 -0.95 11.78
ELM_ST_23_KV_LD_REV_LBMP_A 345012	23.16 0.16 -0.06	18.61 0.14 -0.96	17.49 0.23 -1.07	16.69 0.05 -0.98	17.20 0.05 -1.07	18.61 0.56 0.00	21.54 0.21 -0.01	20.34 -0.13 -1.92	21.10 -0.58 -2.38	26.30 -1.07 -1.18	26.29 -0.98 -0.77	23.24 -0.66 -2.61	17.27 -0.32 -5.21	20.12 -0.42 -3.92	14.54 -0.17 -5.97	14.26 -0.13 -5.87	16.32 -0.10 -5.18	17.38 -0.09 -6.40	24.54 -0.20 -4.82	21.47 -0.08 -5.54	19.43 -0.04 -4.50	14.93 -0.02 -5.54	14.27 0.04 -4.36	16.29 0.17 -2.75
EMPIRE_CC_1 323656	24.14 0.96 -0.25	22.06 0.74 -3.82	21.13 0.68 -4.26	20.21 0.64 -3.91	21.01 0.67 -4.26	18.82 0.78 0.00	22.29 0.94 -0.03	26.98 0.80 -7.63	29.60 0.83 -9.48	32.02 1.13 -4.70	30.73 1.16 -3.07	32.60 0.94 -10.37	33.63 0.56 -20.69	32.94 0.75 -15.58	32.86 0.37 -23.75	32.20 0.35 -23.33	32.29 0.47 -20.58	36.95 0.46 -25.43	39.90 0.84 -19.13	38.67 0.67 -21.99	33.48 0.63 -17.88	31.81 0.39 -22.01	27.61 0.42 -17.32	24.87 0.59 -10.91

EMPIRE_CC_2 323658	24.14 0.96 -0.25	22.06 0.74 -3.82	21.13 0.68 -4.26	20.21 0.64 -3.91	21.01 0.67 -4.26	18.82 0.78 0.00	22.29 0.94 -0.03	26.98 0.80 -7.63	29.60 0.83 -9.48	32.02 1.13 -4.70	30.73 1.16 -3.07	32.60 0.94 -10.37	33.63 0.56 -20.69	32.94 0.75 -15.58	32.86 0.37 -23.75	32.20 0.35 -23.33	32.29 0.47 -20.58	36.95 0.46 -25.43	39.90 0.84 -19.13	38.67 0.67 -21.99	33.48 0.63 -17.88	31.81 0.39 -22.01	27.61 0.42 -17.32	24.87 0.59 -10.91
ENORWICH_115KV_TB1 80156	24.68 1.65 -0.10	20.17 1.17 -1.49	18.89 1.04 -1.67	18.20 1.02 -1.53	18.79 1.04 -1.67	19.47 1.43 0.00	22.89 1.56 -0.01	22.85 1.32 -2.98	24.48 1.49 -3.70	29.92 1.89 -1.84	29.69 1.99 -1.20	26.89 1.55 -4.05	21.39 0.93 -8.08	23.91 1.21 -6.08	18.69 0.67 -9.28	18.30 0.66 -9.11	20.15 0.87 -8.04	21.95 0.95 -9.94	29.18 1.77 -7.48	26.00 1.39 -8.60	23.30 1.33 -6.99	18.83 0.83 -8.60	17.49 0.85 -6.77	18.72 1.08 -4.26
ERIE_ST__34_KV_TB1-2 80199	23.04 0.05 -0.06	18.50 0.02 -0.98	17.41 0.13 -1.09	16.59 -0.06 -1.00	17.11 -0.05 -1.09	18.95 0.90 0.00	21.46 0.13 -0.01	20.28 -0.22 -1.95	21.06 -0.66 -2.42	26.21 -1.18 -1.20	26.22 -1.06 -0.78	23.19 -0.75 -2.65	17.28 -0.38 -5.28	20.08 -0.52 -3.98	14.57 -0.24 -6.06	14.29 -0.19 -5.95	16.32 -0.17 -5.26	17.41 -0.14 -6.49	24.53 -0.28 -4.89	21.48 -0.14 -5.62	19.42 -0.12 -4.57	14.95 -0.08 -5.62	14.27 -0.03 -4.42	16.23 0.07 -2.79
ERIE_WT_PWR 323693	23.36 0.37 -0.06	18.67 0.19 -0.97	17.55 0.27 -1.08	16.73 0.08 -0.99	17.24 0.08 -1.08	18.62 0.58 0.00	21.63 0.30 -0.01	20.31 -0.19 -1.93	21.20 -0.50 -2.40	26.36 -1.02 -1.19	26.35 -0.93 -0.78	23.32 -0.60 -2.63	17.35 -0.28 -5.25	20.18 -0.38 -3.95	14.61 -0.16 -6.02	14.32 -0.12 -5.92	16.32 -0.08 -5.16	17.38 -0.06 -6.37	24.58 -0.14 -4.80	21.49 -0.03 -5.51	19.44 -0.01 -4.48	14.92 0.00 -5.52	14.27 0.06 -4.34	16.31 0.20 -2.73
ESPRGFLD_115KV_TB1 80157	24.14 1.08 -0.13	20.31 0.79 -2.01	19.15 0.71 -2.25	18.41 0.69 -2.06	19.03 0.71 -2.25	18.91 0.87 0.00	22.38 1.04 -0.02	23.48 0.91 -4.02	25.31 1.02 -4.99	30.03 1.36 -2.48	29.55 1.43 -1.61	27.90 1.15 -5.46	23.97 0.69 -10.89	25.75 0.93 -8.20	21.76 0.51 -12.50	21.31 0.50 -12.28	22.72 0.64 -10.84	25.12 0.66 -13.40	31.22 1.22 -10.08	28.56 0.96 -11.59	25.31 0.91 -9.42	21.56 0.56 -11.60	19.58 0.58 -9.12	19.88 0.76 -5.75
ETNA_115_KV_TB1_REV_LBMP_C 345029	23.74 0.73 -0.08	19.19 0.51 -1.18	17.97 0.47 -1.32	17.29 0.42 -1.21	17.84 0.45 -1.32	18.70 0.65 0.00	22.01 0.68 -0.01	21.54 0.63 -2.36	22.86 0.64 -2.93	28.41 0.76 -1.45	28.24 0.80 -0.95	25.13 0.64 -3.21	19.19 0.41 -6.40	21.98 0.55 -4.81	16.40 0.31 -7.34	16.05 0.32 -7.21	18.07 0.47 -6.36	19.44 0.51 -7.86	26.78 0.94 -5.92	23.55 0.74 -6.80	21.19 0.69 -5.53	16.64 0.43 -6.81	15.67 0.44 -5.36	17.35 0.60 -3.37
ETNA_____115KV_TB2 80207	23.74 0.73 -0.08	19.19 0.51 -1.18	17.97 0.47 -1.32	17.29 0.42 -1.21	17.84 0.45 -1.32	18.70 0.65 0.00	22.01 0.68 -0.01	21.54 0.63 -2.36	22.86 0.64 -2.93	28.41 0.76 -1.45	28.24 0.80 -0.95	25.13 0.64 -3.21	19.19 0.41 -6.40	21.98 0.55 -4.81	16.40 0.31 -7.34	16.05 0.32 -7.21	18.07 0.47 -6.36	19.44 0.51 -7.86	26.78 0.94 -5.92	23.55 0.74 -6.80	21.19 0.69 -5.53	16.64 0.43 -6.81	15.67 0.44 -5.36	17.35 0.60 -3.37
EUCLID__115KV_TB2 356179	22.96 -0.02 -0.04	18.13 -0.05 -0.68	16.90 -0.05 -0.76	16.28 -0.08 -0.70	16.77 -0.06 -0.76	18.03 -0.02 0.00	21.26 -0.06 -0.01	19.88 -0.04 -1.36	20.92 -0.06 -1.69	26.90 -0.13 -0.84	26.94 -0.11 -0.55	23.07 -0.06 -1.85	16.07 0.00 -3.68	19.40 0.02 -2.77	13.00 0.03 -4.23	12.71 0.03 -4.15	14.97 0.07 -3.67	15.67 0.08 -4.53	23.47 0.14 -3.41	20.04 0.11 -3.92	18.26 0.10 -3.19	13.39 0.07 -3.92	13.03 0.07 -3.08	15.42 0.11 -1.94
E_CANADA_CAP_HY 24051	24.64 1.45 -0.26	22.65 1.07 -4.07	21.75 1.02 -4.54	20.71 0.89 -4.16	21.58 0.96 -4.54	19.15 1.10 0.00	22.93 1.58 -0.03	27.98 1.30 -8.13	30.71 1.31 -10.10	32.91 1.70 -5.01	31.47 1.70 -3.27	33.74 1.40 -11.05	35.23 0.80 -22.05	34.29 1.08 -16.60	34.59 0.54 -25.30	33.96 0.59 -24.85	34.00 0.83 -21.93	39.04 0.89 -27.10	41.95 1.63 -20.39	40.76 1.31 -23.43	35.20 1.17 -19.05	33.54 0.68 -23.46	29.01 0.68 -18.45	25.88 0.88 -11.62
E_CANADA_MHWK_HY 24050	23.14 0.21 0.00	17.70 0.19 0.00	16.38 0.19 0.00	15.86 0.20 0.00	16.30 0.22 0.00	18.33 0.29 0.00	21.66 0.34 0.00	18.82 0.26 0.00	19.54 0.25 0.00	26.48 0.29 0.00	26.79 0.29 0.00	21.48 0.19 0.00	12.48 0.10 0.00	16.71 0.10 0.00	8.77 0.03 0.00	8.53 0.01 0.00	11.65 -0.02 -0.43	11.57 -0.02 -0.53	20.99 -0.06 -1.13	17.14 -0.06 -1.20	16.01 -0.04 -1.08	10.30 -0.03 -0.92	10.69 -0.03 -0.85	14.23 -0.05 -0.91
E_FISHKILL__LBMP 23776	24.25 1.10 -0.21	21.66 0.84 -3.31	20.67 0.79 -3.69	19.78 0.74 -3.38	20.52 0.76 -3.69	18.88 0.83 0.00	22.46 1.11 -0.03	26.18 1.02 -6.60	28.56 1.06 -8.21	31.68 1.41 -4.07	30.56 1.40 -2.66	31.40 1.13 -8.98	30.95 0.66 -17.91	30.98 0.88 -13.49	29.75 0.45 -20.56	29.16 0.44 -20.20	29.68 0.58 -17.86	33.70 0.56 -22.07	37.59 1.06 -16.61	35.94 0.85 -19.09	31.27 0.78 -15.52	29.01 0.50 -19.10	25.43 0.52 -15.03	23.54 0.70 -9.47
FALCON__SEABRD_CC1 323796	22.98 0.05 0.00	17.61 0.11 0.00	16.30 0.11 0.00	15.89 0.24 0.00	16.35 0.27 0.00	18.37 0.33 0.00	21.60 0.28 0.00	18.80 0.24 0.00	19.58 0.29 0.00	26.87 0.68 0.00	27.03 0.53 0.00	21.69 0.40 0.00	12.51 0.12 0.00	16.75 0.13 0.00	8.77 0.03 0.00	8.51 -0.01 0.00	11.16 -0.08 0.00	10.84 -0.22 0.00	6.67 -0.62 12.63	2.55 -0.69 12.77	2.00 -0.70 12.28	0.96 -0.50 7.94	0.92 -0.55 8.40	0.78 -0.84 11.75
FALCON__SEABRD_CC2 323797	22.98 0.05 0.00	17.61 0.11 0.00	16.30 0.11 0.00	15.89 0.24 0.00	16.35 0.27 0.00	18.37 0.33 0.00	21.60 0.28 0.00	18.80 0.24 0.00	19.58 0.29 0.00	26.87 0.68 0.00	27.03 0.53 0.00	21.69 0.40 0.00	12.51 0.12 0.00	16.75 0.13 0.00	8.77 0.03 0.00	8.51 -0.01 0.00	11.16 -0.08 0.00	10.84 -0.22 0.00	6.67 -0.62 12.63	2.55 -0.69 12.77	2.00 -0.70 12.28	0.96 -0.50 7.94	0.92 -0.55 8.40	0.78 -0.84 11.75
FAR ROCKAWAY__4 23548	25.02 1.88 -0.21	22.14 1.37 -3.27	21.04 1.21 -3.64	20.06 1.06 -3.34	20.84 1.13 -3.64	19.42 1.37 0.00	23.16 1.81 -0.03	26.85 1.78 -6.51	29.27 1.87 -8.10	32.70 2.49 -4.02	31.29 2.17 -2.62	31.85 1.70 -8.85	31.13 1.08 -17.67	31.28 1.36 -13.30	29.80 0.78 -20.28	29.20 0.77 -19.92	29.87 1.01 -17.62	33.67 0.83 -21.77	37.92 1.61 -16.38	36.17 1.33 -18.83	31.55 1.26 -15.31	29.16 0.86 -18.90	25.67 0.93 -14.87	23.97 1.26 -9.34
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	24.47 1.33 -0.21	21.80 1.03 -3.26	20.80 0.97 -3.64	19.89 0.89 -3.34	20.63 0.92 -3.64	19.04 0.99 0.00	22.71 1.36 -0.03	26.37 1.30 -6.51	28.76 1.37 -8.09	31.99 1.78 -4.02	30.87 1.75 -2.62	31.55 1.41 -8.85	30.88 0.83 -17.66	30.99 1.08 -13.30	29.58 0.56 -20.27	28.99 0.55 -19.91	29.59 0.73 -17.62	33.54 0.71 -21.77	37.60 1.30 -16.38	35.89 1.06 -18.83	31.24 0.96 -15.31	28.87 0.62 -18.85	25.35 0.65 -14.83	23.58 0.87 -9.34

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	24.50 1.35 -0.21	21.80 1.03 -3.26	20.80 0.97 -3.64	19.90 0.91 -3.34	20.63 0.92 -3.64	19.04 0.99 0.00	22.71 1.36 -0.03	26.37 1.30 -6.51	28.76 1.37 -8.09	31.99 1.78 -4.02	30.87 1.75 -2.62	31.55 1.41 -8.85	30.88 0.83 -17.66	30.99 1.08 -13.30	29.58 0.56 -20.27	28.99 0.55 -19.91	29.59 0.73 -17.62	33.55 0.72 -21.77	37.62 1.32 -16.38	35.89 1.06 -18.83	31.26 0.97 -15.31	28.87 0.62 -18.85	25.35 0.65 -14.83	23.58 0.87 -9.34
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	24.47 1.33 -0.21	21.79 1.02 -3.26	20.80 0.97 -3.64	19.89 0.89 -3.34	20.63 0.92 -3.64	19.02 0.97 0.00	22.71 1.36 -0.03	26.35 1.28 -6.51	28.76 1.37 -8.09	31.99 1.78 -4.02	30.87 1.75 -2.62	31.55 1.41 -8.85	30.86 0.82 -17.66	30.99 1.08 -13.30	29.57 0.55 -20.27	28.98 0.55 -19.91	29.59 0.73 -17.62	33.54 0.71 -21.77	37.60 1.30 -16.38	35.88 1.04 -18.83	31.24 0.96 -15.31	28.86 0.61 -18.85	25.35 0.65 -14.83	23.57 0.86 -9.34
FARRAGUT___LBMP 323566	24.45 1.31 -0.21	21.79 1.02 -3.26	20.78 0.96 -3.64	19.89 0.89 -3.34	20.62 0.90 -3.64	19.02 0.97 0.00	22.69 1.34 -0.03	26.35 1.28 -6.51	28.74 1.35 -8.09	31.96 1.75 -4.02	30.84 1.72 -2.62	31.53 1.38 -8.85	30.86 0.82 -17.66	30.97 1.06 -13.30	29.57 0.55 -20.27	28.98 0.55 -19.91	29.58 0.72 -17.62	33.53 0.70 -21.77	37.58 1.28 -16.38	35.88 1.04 -18.83	31.23 0.94 -15.31	28.86 0.61 -18.85	25.34 0.64 -14.83	23.57 0.86 -9.34
FENNER___WINDPWR 24204	23.62 0.62 -0.07	19.00 0.40 -1.09	17.78 0.37 -1.22	17.10 0.33 -1.11	17.63 0.34 -1.22	18.55 0.50 0.00	21.86 0.53 -0.01	21.21 0.48 -2.17	22.46 0.46 -2.70	28.11 0.58 -1.34	27.98 0.61 -0.87	24.76 0.51 -2.96	18.61 0.33 -5.90	21.52 0.46 -4.44	15.78 0.26 -6.77	15.43 0.26 -6.65	15.13 0.34 -3.55	15.83 0.38 -4.39	23.92 0.70 -3.30	20.35 0.54 -3.80	18.59 0.52 -3.09	13.52 0.32 -3.80	13.20 0.34 -2.99	15.67 0.42 -1.88
FIBERTEK___ENERGY 23856	23.26 0.28 -0.05	18.44 0.18 -0.76	17.19 0.16 -0.85	16.56 0.13 -0.77	17.06 0.14 -0.85	18.26 0.22 0.00	21.54 0.21 -0.01	20.29 0.22 -1.51	21.40 0.23 -1.88	27.39 0.26 -0.93	27.43 0.32 -0.61	23.62 0.28 -2.05	16.68 0.20 -4.10	19.98 0.28 -3.09	13.62 0.17 -4.71	13.31 0.17 -4.62	15.56 0.25 -4.08	16.37 0.27 -5.04	24.20 0.48 -3.79	20.75 0.38 -4.36	18.88 0.36 -3.55	13.99 0.23 -4.36	13.53 0.23 -3.43	15.86 0.32 -2.16
FITZPATRICK____ 23598	22.53 -0.44 -0.03	17.65 -0.35 -0.49	16.41 -0.32 -0.55	15.83 -0.33 -0.50	16.29 -0.34 -0.55	17.70 -0.34 0.00	20.88 -0.45 0.00	19.15 -0.39 -0.98	20.09 -0.42 -1.22	26.20 -0.60 -0.61	26.31 -0.58 -0.39	22.16 -0.47 -1.34	14.80 -0.25 -2.66	18.30 -0.32 -2.01	11.66 -0.14 -3.06	11.39 -0.14 -3.00	13.69 -0.17 -2.62	14.15 -0.15 -3.24	22.09 -0.28 -2.44	18.59 -0.22 -2.80	17.05 -0.21 -2.28	12.08 -0.13 -2.81	11.94 -0.14 -2.21	14.59 -0.17 -1.39
FLOWRFLD_69_KV_BK1 356044	25.50 2.25 -0.32	22.38 1.61 -3.27	21.25 1.42 -3.64	20.23 1.24 -3.34	21.05 1.33 -3.64	19.69 1.64 0.00	23.50 2.15 -0.03	27.31 2.13 -6.62	29.72 2.22 -8.21	39.16 2.93 -10.03	36.30 2.36 -7.44	37.06 1.79 -13.98	37.04 1.18 -23.48	37.06 1.50 -18.95	36.41 0.90 -26.77	37.12 0.91 -27.69	38.52 1.18 -26.10	64.39 0.91 -52.42	103.64 1.69 -82.02	43.04 1.39 -25.64	38.39 1.35 -22.06	36.53 1.02 -26.11	37.62 1.12 -26.63	24.28 1.48 -9.43
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	24.38 1.24 -0.21	21.69 0.95 -3.24	20.67 0.87 -3.61	19.78 0.81 -3.31	20.52 0.84 -3.61	18.95 0.90 0.00	22.54 1.19 -0.03	26.10 1.09 -6.45	28.47 1.16 -8.02	31.69 1.52 -3.98	30.58 1.48 -2.59	31.28 1.21 -8.77	30.59 0.71 -17.50	30.74 0.95 -13.18	29.31 0.48 -20.09	28.74 0.49 -19.73	29.35 0.65 -17.46	33.28 0.64 -21.58	37.38 1.22 -16.24	35.63 0.96 -18.66	31.00 0.85 -15.17	28.64 0.55 -18.68	25.12 0.55 -14.69	23.41 0.78 -9.26
FORT ORANGE____ 23900	24.15 0.96 -0.25	22.14 0.70 -3.93	21.22 0.65 -4.38	20.28 0.61 -4.02	21.10 0.64 -4.38	18.79 0.74 0.00	22.31 0.96 -0.03	27.18 0.78 -7.84	29.85 0.81 -9.74	32.10 1.07 -4.84	30.74 1.09 -3.15	32.85 0.89 -10.66	34.19 0.53 -21.27	33.34 0.71 -16.01	33.51 0.35 -24.41	32.85 0.34 -23.98	32.86 0.46 -21.16	37.67 0.46 -26.14	40.45 0.86 -19.67	39.29 0.67 -22.61	33.99 0.63 -18.38	32.42 0.39 -22.63	28.09 0.41 -17.80	25.16 0.57 -11.21
FORT_DRUM_COGEN 23780	22.87 -0.09 -0.02	17.74 -0.12 -0.36	16.41 -0.18 -0.40	15.89 -0.14 -0.37	16.33 -0.14 -0.40	17.96 -0.09 0.00	21.22 -0.11 0.00	19.15 -0.13 -0.72	20.19 0.00 -0.90	26.59 -0.05 -0.45	26.74 -0.05 -0.29	22.14 -0.13 -0.98	14.24 -0.10 -1.96	17.94 -0.15 -1.47	10.95 -0.04 -2.25	10.73 0.00 -2.21	13.19 0.00 -1.95	13.55 0.08 -2.41	19.42 0.20 0.70	15.69 0.14 0.46	14.40 0.18 0.75	10.02 0.11 -0.50	9.97 0.13 0.03	12.15 0.08 1.31
FPL_FAR_ROCK_GT1 24212	25.05 1.90 -0.21	22.14 1.37 -3.27	21.04 1.21 -3.64	20.06 1.07 -3.34	20.94 1.22 -3.64	19.44 1.39 0.00	23.15 1.79 -0.04	27.98 1.82 -7.61	29.28 1.87 -8.12	32.71 2.49 -4.02	31.37 2.25 -2.62	31.87 1.70 -8.87	31.16 1.08 -17.70	31.30 1.36 -13.32	29.85 0.78 -20.32	29.25 0.77 -19.96	29.84 1.01 -17.60	33.63 0.83 -21.74	37.90 1.61 -16.36	36.14 1.33 -18.80	31.55 1.29 -15.29	29.13 0.86 -18.88	25.65 0.93 -14.85	23.97 1.26 -9.33
FPL_FAR_ROCK_GT2 23815	25.05 1.90 -0.21	22.14 1.37 -3.27	21.04 1.21 -3.64	20.06 1.07 -3.34	20.94 1.22 -3.64	19.44 1.39 0.00	23.15 1.79 -0.04	27.98 1.82 -7.61	29.28 1.87 -8.12	32.71 2.49 -4.02	31.37 2.25 -2.62	31.87 1.70 -8.87	31.16 1.08 -17.70	31.30 1.36 -13.32	29.85 0.78 -20.32	29.25 0.77 -19.96	29.84 1.01 -17.60	33.63 0.83 -21.74	37.90 1.61 -16.36	36.14 1.33 -18.80	31.55 1.29 -15.29	29.13 0.86 -18.88	25.65 0.93 -14.85	23.97 1.26 -9.33
FRANKLIN_FALL_HYD 24054	22.80 -0.14 0.00	17.45 -0.05 0.00	16.14 -0.05 0.00	15.74 0.08 0.00	16.15 0.08 0.00	18.15 0.11 0.00	21.34 0.02 0.00	18.59 0.04 0.00	19.39 0.10 0.00	26.61 0.42 0.00	26.79 0.29 0.00	21.48 0.19 0.00	12.35 -0.04 0.00	16.55 -0.07 0.00	8.68 -0.07 0.00	8.42 -0.10 0.00	11.03 -0.20 0.00	10.74 -0.32 0.00	7.33 -0.74 11.86	3.32 -0.70 11.98	2.76 -0.69 11.52	1.49 -0.46 7.46	1.49 -0.49 7.89	1.58 -0.76 11.03
FREEPORT_EQUS_GT1 23764	24.96 1.81 -0.21	22.07 1.30 -3.27	20.96 1.13 -3.64	19.98 0.99 -3.34	20.86 1.14 -3.64	19.36 1.32 0.00	23.06 1.71 -0.04	27.91 1.74 -7.61	29.21 1.79 -8.12	32.60 2.38 -4.02	31.24 2.12 -2.62	31.71 1.55 -8.87	31.09 1.00 -17.70	31.22 1.28 -13.32	29.81 0.74 -20.32	29.22 0.74 -19.96	29.81 0.98 -17.60	33.58 0.77 -21.74	37.78 1.50 -16.36	36.06 1.25 -18.80	31.48 1.21 -15.29	29.10 0.82 -18.88	25.70 0.90 -14.93	23.91 1.20 -9.33
FREEPORT___CT2 23818	24.96 1.81 -0.21	22.07 1.30 -3.27	20.96 1.13 -3.64	19.98 0.99 -3.34	20.86 1.14 -3.64	19.36 1.32 0.00	23.06 1.71 -0.04	27.91 1.74 -7.61	29.21 1.79 -8.12	32.60 2.38 -4.02	31.24 2.12 -2.62	31.71 1.55 -8.87	31.09 1.00 -17.70	31.22 1.28 -13.32	29.81 0.74 -20.32	29.22 0.74 -19.96	29.81 0.98 -17.60	33.58 0.77 -21.74	37.78 1.50 -16.36	36.06 1.25 -18.80	31.48 1.21 -15.29	29.10 0.82 -18.88	25.70 0.90 -14.93	23.91 1.20 -9.33



FRESHKLS_33_KV_LOAD 356253	24.61 1.47 -0.21	21.89 1.12 -3.26	20.88 1.05 -3.64	19.95 0.96 -3.34	20.70 0.98 -3.64	19.04 0.99 0.00	22.76 1.41 -0.03	26.38 1.32 -6.51	28.70 1.31 -8.09	31.94 1.73 -4.02	30.84 1.72 -2.62	31.51 1.36 -8.85	30.85 0.80 -17.66	30.99 1.08 -13.30	29.59 0.57 -20.27	29.01 0.57 -19.91	29.61 0.75 -17.62	33.49 0.65 -21.77	37.54 1.24 -16.38	35.83 0.99 -18.83	31.32 1.03 -15.31	28.90 0.65 -18.85	25.36 0.66 -14.83	23.60 0.88 -9.34
FULTON COGEN____ 23766	22.86 -0.11 -0.04	17.99 -0.12 -0.61	16.75 -0.11 -0.68	16.16 -0.13 -0.62	16.63 -0.13 -0.68	17.94 -0.11 0.00	21.18 -0.15 -0.01	19.66 -0.11 -1.22	20.71 -0.10 -1.51	26.76 -0.18 -0.75	26.83 -0.16 -0.49	22.84 -0.11 -1.66	15.65 -0.04 -3.30	19.07 -0.03 -2.49	12.55 0.01 -3.79	12.26 0.02 -3.72	14.57 0.04 -3.29	15.18 0.06 -4.06	23.08 0.10 -3.06	19.60 0.08 -3.51	17.91 0.07 -2.86	12.97 0.05 -3.52	12.69 0.05 -2.77	15.18 0.07 -1.74
FULTON____LFGE 323630	25.12 1.93 -0.26	22.98 1.40 -4.07	22.07 1.34 -4.54	21.00 1.17 -4.16	21.89 1.27 -4.54	19.47 1.43 0.00	23.42 2.07 -0.03	28.35 1.67 -8.13	31.11 1.72 -10.10	33.48 2.28 -5.01	31.99 2.23 -3.27	34.23 1.89 -11.05	35.52 1.09 -22.05	34.72 1.51 -16.60	34.81 0.76 -25.30	34.19 0.81 -24.85	34.29 1.12 -21.93	39.32 1.16 -27.10	42.45 2.13 -20.39	41.17 1.73 -23.43	35.54 1.51 -19.05	33.73 0.87 -23.46	29.22 0.89 -18.45	26.15 1.15 -11.62
G.F.CEMENT____DRP 24184	24.39 1.19 -0.26	22.43 0.88 -4.05	21.53 0.83 -4.52	20.52 0.72 -4.14	21.36 0.77 -4.52	18.89 0.85 0.00	22.59 1.24 -0.03	27.63 1.00 -8.08	30.39 1.06 -10.04	32.67 1.49 -4.98	31.36 1.62 -3.25	33.63 1.36 -10.98	35.05 0.76 -21.91	34.11 1.00 -16.49	34.36 0.47 -25.15	33.70 0.48 -24.70	33.69 0.63 -21.83	38.69 0.65 -26.97	41.40 1.18 -20.30	40.33 0.99 -23.33	34.83 0.88 -18.97	33.28 0.53 -23.35	28.79 0.54 -18.37	25.67 0.72 -11.57
GARDENVILLE____LBMP 24039	23.18 0.18 -0.06	18.62 0.14 -0.97	17.50 0.23 -1.08	16.70 0.05 -0.99	17.22 0.06 -1.08	18.68 0.63 0.00	21.56 0.23 -0.01	20.38 -0.11 -1.94	21.12 -0.58 -2.41	26.31 -1.07 -1.19	26.33 -0.95 -0.78	23.26 -0.66 -2.63	17.32 -0.32 -5.26	20.14 -0.43 -3.96	14.59 -0.18 -6.03	14.31 -0.14 -5.92	16.37 -0.10 -5.23	17.44 -0.09 -6.46	24.59 -0.20 -4.86	21.52 -0.08 -5.59	19.47 -0.04 -4.54	14.97 -0.03 -5.59	14.31 0.04 -4.40	16.32 0.17 -2.77
GARDNVLA_35_KV_LD 355827	23.27 0.28 -0.06	18.69 0.21 -0.97	17.56 0.29 -1.08	16.74 0.09 -0.99	17.27 0.11 -1.08	18.77 0.72 0.00	21.65 0.32 -0.01	20.44 -0.06 -1.94	21.20 -0.50 -2.41	26.42 -0.97 -1.19	26.43 -0.85 -0.78	23.35 -0.57 -2.63	17.36 -0.27 -5.25	20.20 -0.37 -3.96	14.63 -0.15 -6.03	14.34 -0.10 -5.92	16.41 -0.06 -5.23	17.48 -0.04 -6.46	24.67 -0.12 -4.86	21.58 -0.02 -5.59	19.53 0.01 -4.54	15.01 0.01 -5.59	14.35 0.08 -4.40	16.36 0.21 -2.77
GELCKHM__115KV_LOAD 80723	23.05 0.07 -0.05	18.23 0.02 -0.71	17.01 0.03 -0.79	16.38 0.00 -0.73	16.87 0.00 -0.79	18.12 0.07 0.00	21.37 0.04 -0.01	20.03 0.06 -1.42	21.09 0.04 -1.76	27.07 0.00 -0.87	27.12 0.05 -0.57	23.28 0.06 -1.93	16.30 0.07 -3.85	19.61 0.10 -2.89	13.24 0.08 -4.41	12.94 0.09 -4.33	15.20 0.13 -3.83	15.93 0.14 -4.73	23.74 0.26 -3.56	20.31 0.21 -4.09	18.49 0.19 -3.33	13.62 0.12 -4.09	13.22 0.13 -3.22	15.58 0.17 -2.03
GENERAL____MILLS 23808	23.23 0.23 -0.06	18.65 0.18 -0.97	17.53 0.26 -1.08	16.73 0.08 -0.99	17.24 0.08 -1.08	18.75 0.70 0.00	21.61 0.28 -0.01	20.40 -0.09 -1.94	21.16 -0.54 -2.41	26.37 -1.02 -1.19	26.38 -0.90 -0.78	23.31 -0.62 -2.63	17.34 -0.30 -5.25	20.17 -0.40 -3.96	14.61 -0.17 -6.03	14.33 -0.12 -5.92	16.38 -0.09 -5.23	17.46 -0.07 -6.46	24.63 -0.16 -4.86	21.55 -0.05 -5.59	19.50 -0.01 -4.54	14.99 -0.01 -5.59	14.33 0.06 -4.40	16.33 0.19 -2.77
GE_PLASTICS____DRP 24183	24.04 0.85 -0.25	22.09 0.65 -3.94	21.18 0.60 -4.39	20.25 0.56 -4.02	21.04 0.58 -4.39	18.71 0.67 0.00	22.21 0.85 -0.03	27.11 0.71 -7.85	29.79 0.73 -9.76	32.00 0.97 -4.84	30.66 1.01 -3.16	32.78 0.81 -10.68	34.17 0.48 -21.30	33.30 0.65 -16.04	33.52 0.32 -24.45	32.84 0.31 -24.02	32.88 0.42 -21.22	37.70 0.41 -26.22	40.40 0.74 -19.73	39.28 0.59 -22.68	33.99 0.57 -18.44	32.45 0.35 -22.70	28.11 0.38 -17.86	25.15 0.52 -11.25
GILBOA____1 23756	23.95 0.80 -0.21	21.36 0.60 -3.26	20.39 0.57 -3.64	19.57 0.58 -3.33	20.26 0.55 -3.64	18.68 0.63 0.00	22.14 0.79 -0.03	25.76 0.70 -6.50	28.07 0.69 -8.08	31.12 0.92 -4.01	30.04 0.93 -2.61	30.87 0.74 -8.84	30.47 0.45 -17.64	30.49 0.60 -13.28	29.29 0.31 -20.24	28.70 0.30 -19.88	29.17 0.40 -17.53	33.12 0.40 -21.66	36.92 0.70 -16.30	35.30 0.56 -18.73	30.76 0.55 -15.23	28.50 0.35 -18.75	24.99 0.37 -14.75	23.16 0.50 -9.29
GILBOA____2 23757	23.95 0.80 -0.21	21.36 0.60 -3.26	20.39 0.57 -3.64	19.57 0.58 -3.33	20.26 0.55 -3.64	18.68 0.63 0.00	22.14 0.79 -0.03	25.76 0.70 -6.50	28.07 0.69 -8.08	31.12 0.92 -4.01	30.04 0.93 -2.61	30.87 0.74 -8.84	30.47 0.45 -17.64	30.49 0.60 -13.28	29.29 0.31 -20.24	28.70 0.30 -19.88	29.17 0.40 -17.53	33.12 0.40 -21.66	36.92 0.70 -16.30	35.30 0.56 -18.73	30.76 0.55 -15.23	28.50 0.35 -18.75	24.99 0.37 -14.75	23.16 0.50 -9.29
GILBOA____3 23758	23.95 0.80 -0.21	21.36 0.60 -3.26	20.39 0.57 -3.64	19.57 0.58 -3.33	20.26 0.55 -3.64	18.68 0.63 0.00	22.14 0.79 -0.03	25.76 0.70 -6.50	28.07 0.69 -8.08	31.12 0.92 -4.01	30.04 0.93 -2.61	30.87 0.74 -8.84	30.47 0.45 -17.64	30.49 0.60 -13.28	29.29 0.31 -20.24	28.70 0.30 -19.88	29.17 0.40 -17.53	33.12 0.40 -21.66	36.92 0.70 -16.30	35.30 0.56 -18.73	30.76 0.55 -15.23	28.50 0.35 -18.75	24.99 0.37 -14.75	23.16 0.50 -9.29
GILBOA____4 23759	23.95 0.80 -0.21	21.36 0.60 -3.26	20.39 0.57 -3.64	19.57 0.58 -3.33	20.26 0.55 -3.64	18.68 0.63 0.00	22.14 0.79 -0.03	25.76 0.70 -6.50	28.07 0.69 -8.08	31.12 0.92 -4.01	30.04 0.93 -2.61	30.87 0.74 -8.84	30.47 0.45 -17.64	30.49 0.60 -13.28	29.29 0.31 -20.24	28.70 0.30 -19.88	29.17 0.40 -17.53	33.12 0.40 -21.66	36.92 0.70 -16.30	35.30 0.56 -18.73	30.76 0.55 -15.23	28.50 0.35 -18.75	24.99 0.37 -14.75	23.16 0.50 -9.29
GILBOA____ 23599	23.95 0.80 -0.21	21.38 0.61 -3.26	20.39 0.57 -3.64	19.57 0.58 -3.33	20.30 0.59 -3.64	18.68 0.63 0.00	22.14 0.79 -0.03	25.74 0.69 -6.50	28.06 0.69 -8.08	31.12 0.92 -4.01	30.04 0.93 -2.61	30.87 0.75 -8.84	30.46 0.45 -17.63	30.48 0.60 -13.27	29.28 0.31 -20.23	28.69 0.30 -19.87	29.20 0.40 -17.56	33.16 0.40 -21.70	36.95 0.70 -16.33	35.33 0.56 -18.76	30.79 0.55 -15.26	28.53 0.35 -18.78	25.02 0.37 -14.78	23.18 0.49 -9.31
GINNA____ 23603	22.14 -0.85 -0.05	17.62 -0.68 -0.80	16.45 -0.63 -0.89	15.82 -0.66 -0.82	16.29 -0.67 -0.89	17.29 -0.76 0.00	20.50 -0.83 -0.01	19.35 -0.80 -1.60	20.51 -0.77 -1.98	26.02 -1.15 -0.98	26.03 -1.11 -0.64	22.61 -0.85 -2.17	16.25 -0.46 -4.33	19.31 -0.56 -3.26	13.43 -0.28 -4.97	13.14 -0.26 -4.88	15.18 -0.31 -4.25	16.04 -0.28 -5.26	23.40 -0.48 -3.95	20.15 -0.40 -4.54	18.30 -0.37 -3.70	13.69 -0.26 -4.55	13.20 -0.26 -3.58	15.31 -0.32 -2.25

GLEN PARK____ 23778	22.94 -0.02 -0.02	17.81 -0.07 -0.38	16.48 -0.13 -0.42	15.94 -0.11 -0.39	16.40 -0.10 -0.42	18.01 -0.04 0.00	21.28 -0.04 0.00	19.22 -0.09 -0.75	20.29 0.06 -0.93	26.68 0.03 -0.46	26.80 0.00 -0.30	22.25 -0.06 -1.02	14.35 -0.07 -2.04	18.05 -0.10 -1.54	11.08 -0.01 -2.34	10.86 0.03 -2.30	13.37 0.05 -2.09	13.79 0.14 -2.58	19.80 0.32 0.44	16.08 0.24 0.17	14.75 0.27 0.50	10.31 0.17 -0.74	10.23 0.18 -0.17	12.41 0.15 1.11
GLENDALDE_27_KV_LOAD 356172	24.47 1.33 -0.21	21.80 1.03 -3.26	20.80 0.97 -3.64	19.87 0.88 -3.34	20.62 0.90 -3.64	18.98 0.94 0.00	22.65 1.30 -0.03	26.31 1.24 -6.51	28.72 1.33 -8.09	31.94 1.73 -4.02	30.81 1.70 -2.62	31.51 1.36 -8.85	30.84 0.79 -17.66	30.96 1.05 -13.30	29.56 0.54 -20.27	28.97 0.54 -19.91	29.57 0.71 -17.62	33.53 0.70 -21.77	37.58 1.28 -16.38	35.86 1.02 -18.83	31.21 0.93 -15.31	28.84 0.59 -18.85	25.33 0.63 -14.83	23.54 0.83 -9.34
GLENWOOD_IC_1_G5 23712	24.70 1.56 -0.21	21.93 1.16 -3.27	20.87 1.04 -3.64	19.92 0.92 -3.34	20.70 0.98 -3.64	19.18 1.14 0.00	22.88 1.54 -0.03	26.57 1.50 -6.51	28.98 1.58 -8.10	32.30 2.10 -4.02	31.05 1.93 -2.62	31.66 1.51 -8.85	30.99 0.94 -17.67	31.13 1.21 -13.30	29.69 0.66 -20.28	29.09 0.66 -19.92	29.72 0.87 -17.62	33.59 0.75 -21.77	37.74 1.43 -16.38	36.01 1.17 -18.83	31.38 1.09 -15.31	29.04 0.73 -18.90	25.59 0.77 -14.95	23.75 1.03 -9.34
GLENWOOD_IC_2_G1 23688	24.59 1.45 -0.21	21.84 1.07 -3.27	20.80 0.97 -3.64	19.87 0.88 -3.34	20.70 0.98 -3.64	19.13 1.08 0.00	22.78 1.43 -0.04	27.57 1.41 -7.61	28.86 1.45 -8.12	32.13 1.91 -4.02	30.95 1.83 -2.62	31.57 1.40 -8.87	30.95 0.87 -17.70	31.05 1.11 -13.32	29.67 0.60 -20.32	29.09 0.61 -19.96	29.63 0.80 -17.60	33.51 0.71 -21.74	37.62 1.34 -16.36	35.90 1.09 -18.80	31.30 1.03 -15.29	28.96 0.68 -18.88	25.43 0.71 -14.85	23.66 0.95 -9.33
GLENWOOD_IC_3_G1 23689	24.59 1.45 -0.21	21.84 1.07 -3.27	20.80 0.97 -3.64	19.87 0.88 -3.34	20.70 0.98 -3.64	19.13 1.08 0.00	22.78 1.43 -0.04	27.57 1.41 -7.61	28.86 1.45 -8.12	32.13 1.91 -4.02	30.95 1.83 -2.62	31.57 1.40 -8.87	30.95 0.87 -17.70	31.05 1.11 -13.32	29.67 0.60 -20.32	29.09 0.61 -19.96	29.63 0.80 -17.60	33.51 0.71 -21.74	37.62 1.34 -16.36	35.90 1.09 -18.80	31.30 1.03 -15.29	28.96 0.68 -18.88	25.43 0.71 -14.85	23.66 0.95 -9.33
GLENWOOD____4 23550	24.70 1.56 -0.21	21.93 1.16 -3.27	20.87 1.04 -3.64	19.92 0.92 -3.34	20.70 0.98 -3.64	19.18 1.14 0.00	22.88 1.54 -0.03	26.57 1.50 -6.51	28.98 1.58 -8.10	32.30 2.10 -4.02	31.05 1.93 -2.62	31.66 1.51 -8.85	30.99 0.94 -17.67	31.13 1.21 -13.30	29.69 0.66 -20.28	29.09 0.66 -19.92	29.72 0.87 -17.62	33.59 0.75 -21.77	37.74 1.43 -16.38	36.01 1.17 -18.83	31.38 1.09 -15.31	29.04 0.73 -18.90	25.59 0.77 -14.95	23.75 1.03 -9.34
GLENWOOD____5 23614	24.70 1.56 -0.21	21.93 1.16 -3.27	20.87 1.04 -3.64	19.92 0.92 -3.34	20.70 0.98 -3.64	19.18 1.14 0.00	22.88 1.54 -0.03	26.57 1.50 -6.51	28.98 1.58 -8.10	32.30 2.10 -4.02	31.05 1.93 -2.62	31.66 1.51 -8.85	30.99 0.94 -17.67	31.13 1.21 -13.30	29.69 0.66 -20.28	29.09 0.66 -19.92	29.72 0.87 -17.62	33.59 0.75 -21.77	37.74 1.43 -16.38	36.01 1.17 -18.83	31.38 1.09 -15.31	29.04 0.73 -18.90	25.59 0.77 -14.95	23.75 1.03 -9.34
GLOBAL GREEN_PORT_GT1 23814	26.39 3.17 -0.29	23.04 2.27 -3.27	21.85 2.02 -3.64	20.78 1.78 -3.34	21.76 2.04 -3.64	20.41 2.36 0.00	24.33 2.96 -0.05	29.14 2.89 -7.69	30.46 2.97 -8.20	39.88 4.06 -9.63	37.35 3.74 -7.11	37.74 2.81 -13.64	37.27 1.77 -23.12	37.47 2.28 -18.58	36.41 1.30 -26.37	37.02 1.29 -27.20	38.45 1.72 -25.50	62.87 1.45 -50.36	100.37 2.77 -77.68	43.42 2.27 -25.14	38.72 2.17 -21.58	36.43 1.44 -25.59	34.59 1.53 -23.18	24.81 2.05 -9.39
GLOBE____DSASP 323697	22.60 -0.39 -0.06	18.16 -0.28 -0.93	17.08 -0.15 -1.04	16.30 -0.31 -0.95	16.81 -0.31 -1.04	17.96 -0.09 0.00	21.07 -0.26 -0.01	19.88 -0.54 -1.86	20.59 -1.02 -2.31	25.64 -1.70 -1.15	25.66 -1.59 -0.75	22.67 -1.15 -2.53	16.84 -0.59 -5.05	19.65 -0.76 -3.80	14.19 -0.35 -5.79	13.92 -0.30 -5.70	15.93 -0.34 -5.03	16.94 -0.33 -6.21	23.90 -0.70 -4.68	20.94 -0.45 -5.37	18.97 -0.37 -4.37	14.56 -0.23 -5.38	13.96 -0.15 -4.23	15.96 -0.08 -2.67
GOETHSLN____LBMP 323567	24.34 1.19 -0.21	21.68 0.91 -3.26	20.74 0.91 -3.64	19.83 0.83 -3.34	20.57 0.85 -3.64	18.91 0.87 0.00	22.58 1.24 -0.03	26.25 1.19 -6.51	28.66 1.27 -8.09	31.83 1.62 -4.02	30.71 1.59 -2.62	31.42 1.28 -8.85	30.80 0.76 -17.66	30.89 0.98 -13.30	29.53 0.51 -20.27	28.94 0.50 -19.91	29.52 0.66 -17.62	33.46 0.63 -21.77	37.46 1.16 -16.38	35.78 0.94 -18.83	31.15 0.87 -15.31	28.81 0.55 -18.85	25.29 0.59 -14.83	23.50 0.79 -9.34
GOLAH____69_KV_TB 1_2 80279	23.42 0.44 -0.05	18.62 0.30 -0.82	17.43 0.32 -0.91	16.72 0.22 -0.84	17.23 0.24 -0.91	18.42 0.38 0.00	21.67 0.34 -0.01	20.34 0.15 -1.63	21.33 0.00 -2.03	27.10 -0.10 -1.01	27.08 -0.08 -0.66	23.47 -0.04 -2.22	16.85 0.04 -4.43	20.07 0.12 -3.34	13.93 0.10 -5.09	13.62 0.10 -5.00	15.82 0.17 -4.41	16.73 0.21 -5.45	24.41 0.38 -4.10	21.06 0.34 -4.72	19.12 0.31 -3.84	14.29 0.17 -4.72	13.81 0.23 -3.71	16.09 0.37 -2.34
GOODYEAR_LAKE_HYD 323669	24.07 1.01 -0.13	20.27 0.75 -2.01	19.10 0.66 -2.25	18.37 0.66 -2.06	19.00 0.68 -2.25	18.86 0.81 0.00	22.32 0.98 -0.02	23.43 0.85 -4.02	25.23 0.95 -4.99	29.93 1.26 -2.48	29.41 1.30 -1.61	27.81 1.06 -5.46	23.92 0.64 -10.89	25.66 0.85 -8.20	21.71 0.46 -12.50	21.25 0.45 -12.28	22.66 0.58 -10.84	25.07 0.61 -13.40	31.10 1.10 -10.08	28.48 0.88 -11.59	25.23 0.84 -9.42	21.52 0.52 -11.60	19.53 0.53 -9.12	19.83 0.71 -5.75
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	23.58 0.55 -0.09	19.37 0.39 -1.48	18.22 0.39 -1.65	17.50 0.33 -1.51	18.06 0.34 -1.65	18.64 0.60 0.00	21.87 0.53 -0.01	21.92 0.43 -2.94	23.30 0.35 -3.66	28.40 0.39 -1.81	28.11 0.42 -1.18	25.65 0.36 -4.00	20.60 0.24 -7.98	22.96 0.33 -6.01	18.10 0.19 -9.16	17.72 0.20 -9.00	19.48 0.30 -7.94	21.20 0.32 -9.82	27.91 0.60 -7.39	24.99 0.50 -8.49	22.33 0.45 -6.90	18.19 0.29 -8.50	16.85 0.30 -6.69	18.03 0.44 -4.21
GOUDEY____7 23579	23.60 0.57 -0.09	19.38 0.40 -1.48	18.24 0.40 -1.65	17.50 0.33 -1.51	18.07 0.35 -1.65	18.66 0.61 0.00	21.89 0.55 -0.01	21.94 0.45 -2.94	23.32 0.37 -3.66	28.43 0.42 -1.81	28.13 0.45 -1.18	25.67 0.38 -4.00	20.62 0.26 -7.98	22.97 0.35 -6.01	18.11 0.20 -9.16	17.72 0.20 -9.00	19.50 0.31 -7.94	21.21 0.33 -9.82	27.93 0.62 -7.39	25.01 0.51 -8.49	22.36 0.48 -6.90	18.20 0.30 -8.50	16.86 0.31 -6.69	18.04 0.45 -4.21
GOUDEY____8 23580	23.58 0.55 -0.09	19.37 0.39 -1.48	18.22 0.39 -1.65	17.50 0.33 -1.51	18.06 0.34 -1.65	18.64 0.60 0.00	21.87 0.53 -0.01	21.92 0.43 -2.94	23.30 0.35 -3.66	28.40 0.39 -1.81	28.11 0.42 -1.18	25.65 0.36 -4.00	20.60 0.24 -7.98	22.96 0.33 -6.01	18.10 0.19 -9.16	17.72 0.20 -9.00	19.48 0.30 -7.94	21.20 0.32 -9.82	27.91 0.60 -7.39	24.99 0.50 -8.49	22.33 0.45 -6.90	18.19 0.29 -8.50	16.85 0.30 -6.69	18.03 0.44 -4.21

GOWANUS_GT1_1 24077	24.50 1.35 -0.21	21.82 1.05 -3.26	20.82 0.99 -3.64	19.89 0.89 -3.34	20.63 0.92 -3.64	18.98 0.94 0.00	22.67 1.32 -0.03	26.33 1.26 -6.51	28.70 1.31 -8.09	31.94 1.73 -4.02	30.81 1.70 -2.62	31.51 1.36 -8.85	30.85 0.80 -17.66	30.97 1.06 -13.30	29.57 0.55 -20.27	28.98 0.55 -19.91	29.58 0.72 -17.62	33.53 0.70 -21.77	37.58 1.28 -16.38	35.88 1.04 -18.83	31.26 0.97 -15.31	28.86 0.61 -18.85	25.34 0.64 -14.83	23.56 0.84 -9.34
GOWANUS_GT1_2 24078	24.50 1.35 -0.21	21.82 1.05 -3.26	20.82 0.99 -3.64	19.89 0.89 -3.34	20.63 0.92 -3.64	18.98 0.94 0.00	22.67 1.32 -0.03	26.33 1.26 -6.51	28.70 1.31 -8.09	31.94 1.73 -4.02	30.81 1.70 -2.62	31.51 1.36 -8.85	30.85 0.80 -17.66	30.97 1.06 -13.30	29.57 0.55 -20.27	28.98 0.55 -19.91	29.58 0.72 -17.62	33.53 0.70 -21.77	37.58 1.28 -16.38	35.88 1.04 -18.83	31.26 0.97 -15.31	28.86 0.61 -18.85	25.34 0.64 -14.83	23.56 0.84 -9.34
GOWANUS_GT1_3 24079	24.50 1.35 -0.21	21.82 1.05 -3.26	20.82 0.99 -3.64	19.89 0.89 -3.34	20.63 0.92 -3.64	18.98 0.94 0.00	22.67 1.32 -0.03	26.33 1.26 -6.51	28.70 1.31 -8.09	31.94 1.73 -4.02	30.81 1.70 -2.62	31.51 1.36 -8.85	30.85 0.80 -17.66	30.97 1.06 -13.30	29.57 0.55 -20.27	28.98 0.55 -19.91	29.58 0.72 -17.62	33.53 0.70 -21.77	37.58 1.28 -16.38	35.88 1.04 -18.83	31.26 0.97 -15.31	28.86 0.61 -18.85	25.34 0.64 -14.83	23.56 0.84 -9.34
GOWANUS_GT1_4 24080	24.50 1.35 -0.21	21.82 1.05 -3.26	20.82 0.99 -3.64	19.89 0.89 -3.34	20.63 0.92 -3.64	18.98 0.94 0.00	22.67 1.32 -0.03	26.33 1.26 -6.51	28.70 1.31 -8.09	31.94 1.73 -4.02	30.81 1.70 -2.62	31.51 1.36 -8.85	30.85 0.80 -17.66	30.97 1.06 -13.30	29.57 0.55 -20.27	28.98 0.55 -19.91	29.58 0.72 -17.62	33.53 0.70 -21.77	37.58 1.28 -16.38	35.88 1.04 -18.83	31.26 0.97 -15.31	28.86 0.61 -18.85	25.34 0.64 -14.83	23.56 0.84 -9.34
GOWANUS_GT1_5 24084	24.50 1.35 -0.21	21.82 1.05 -3.26	20.82 0.99 -3.64	19.89 0.89 -3.34	20.63 0.92 -3.64	18.98 0.94 0.00	22.67 1.32 -0.03	26.33 1.26 -6.51	28.70 1.31 -8.09	31.94 1.73 -4.02	30.81 1.70 -2.62	31.51 1.36 -8.85	30.85 0.80 -17.66	30.97 1.06 -13.30	29.57 0.55 -20.27	28.98 0.55 -19.91	29.58 0.72 -17.62	33.53 0.70 -21.77	37.58 1.28 -16.38	35.88 1.04 -18.83	31.26 0.97 -15.31	28.86 0.61 -18.85	25.34 0.64 -14.83	23.56 0.84 -9.34
GOWANUS_GT1_6 24111	24.50 1.35 -0.21	21.82 1.05 -3.26	20.82 0.99 -3.64	19.89 0.89 -3.34	20.63 0.92 -3.64	18.98 0.94 0.00	22.67 1.32 -0.03	26.33 1.26 -6.51	28.70 1.31 -8.09	31.94 1.73 -4.02	30.81 1.70 -2.62	31.51 1.36 -8.85	30.85 0.80 -17.66	30.97 1.06 -13.30	29.57 0.55 -20.27	28.98 0.55 -19.91	29.58 0.72 -17.62	33.53 0.70 -21.77	37.58 1.28 -16.38	35.88 1.04 -18.83	31.26 0.97 -15.31	28.86 0.61 -18.85	25.34 0.64 -14.83	23.56 0.84 -9.34
GOWANUS_GT1_7 24112	24.50 1.35 -0.21	21.82 1.05 -3.26	20.82 0.99 -3.64	19.89 0.89 -3.34	20.63 0.92 -3.64	18.98 0.94 0.00	22.67 1.32 -0.03	26.33 1.26 -6.51	28.70 1.31 -8.09	31.94 1.73 -4.02	30.81 1.70 -2.62	31.51 1.36 -8.85	30.85 0.80 -17.66	30.97 1.06 -13.30	29.57 0.55 -20.27	28.98 0.55 -19.91	29.58 0.72 -17.62	33.53 0.70 -21.77	37.58 1.28 -16.38	35.88 1.04 -18.83	31.26 0.97 -15.31	28.86 0.61 -18.85	25.34 0.64 -14.83	23.56 0.84 -9.34

GOWANUS_GT2_8 24121	24.52 1.38 -0.21	21.82 1.05 -3.26	20.82 0.99 -3.64	19.89 0.89 -3.34	20.68 0.96 -3.64	18.99 0.96 0.01	22.66 1.32 -0.02	26.35 1.28 -6.52	28.71 1.31 -8.10	31.94 1.73 -4.02	30.84 1.72 -2.61	31.52 1.36 -8.86	30.88 0.80 -17.69	30.99 1.06 -13.31	29.60 0.55 -20.30	29.01 0.55 -19.94	29.54 0.72 -17.59	33.48 0.69 -21.73	37.55 1.28 -16.35	35.84 1.04 -18.79	31.23 0.97 -15.28	28.83 0.61 -18.81	25.31 0.64 -14.80	23.54 0.84 -9.33
GOWANUS_GT3_1 24122	24.52 1.38 -0.21	21.82 1.05 -3.26	20.82 0.99 -3.64	19.89 0.89 -3.34	20.68 0.96 -3.64	18.99 0.96 0.01	22.66 1.32 -0.02	26.35 1.28 -6.52	28.71 1.31 -8.10	31.94 1.73 -4.02	30.84 1.72 -2.61	31.52 1.36 -8.86	30.88 0.80 -17.69	30.99 1.06 -13.31	29.60 0.55 -20.30	29.01 0.55 -19.94	29.54 0.72 -17.59	33.48 0.69 -21.73	37.55 1.28 -16.35	35.84 1.04 -18.79	31.23 0.97 -15.28	28.83 0.61 -18.81	25.31 0.64 -14.80	23.54 0.84 -9.33
GOWANUS_GT3_2 24123	24.52 1.38 -0.21	21.82 1.05 -3.26	20.82 0.99 -3.64	19.89 0.89 -3.34	20.68 0.96 -3.64	18.99 0.96 0.01	22.66 1.32 -0.02	26.35 1.28 -6.52	28.71 1.31 -8.10	31.94 1.73 -4.02	30.84 1.72 -2.61	31.52 1.36 -8.86	30.88 0.80 -17.69	30.99 1.06 -13.31	29.60 0.55 -20.30	29.01 0.55 -19.94	29.54 0.72 -17.59	33.48 0.69 -21.73	37.55 1.28 -16.35	35.84 1.04 -18.79	31.23 0.97 -15.28	28.83 0.61 -18.81	25.31 0.64 -14.80	23.54 0.84 -9.33
GOWANUS_GT3_3 24124	24.52 1.38 -0.21	21.82 1.05 -3.26	20.82 0.99 -3.64	19.89 0.89 -3.34	20.68 0.96 -3.64	18.99 0.96 0.01	22.66 1.32 -0.02	26.35 1.28 -6.52	28.71 1.31 -8.10	31.94 1.73 -4.02	30.84 1.72 -2.61	31.52 1.36 -8.86	30.88 0.80 -17.69	30.99 1.06 -13.31	29.60 0.55 -20.30	29.01 0.55 -19.94	29.54 0.72 -17.59	33.48 0.69 -21.73	37.55 1.28 -16.35	35.84 1.04 -18.79	31.23 0.97 -15.28	28.83 0.61 -18.81	25.31 0.64 -14.80	23.54 0.84 -9.33
GOWANUS_GT3_4 24125	24.52 1.38 -0.21	21.82 1.05 -3.26	20.82 0.99 -3.64	19.89 0.89 -3.34	20.68 0.96 -3.64	18.99 0.96 0.01	22.66 1.32 -0.02	26.35 1.28 -6.52	28.71 1.31 -8.10	31.94 1.73 -4.02	30.84 1.72 -2.61	31.52 1.36 -8.86	30.88 0.80 -17.69	30.99 1.06 -13.31	29.60 0.55 -20.30	29.01 0.55 -19.94	29.54 0.72 -17.59	33.48 0.69 -21.73	37.55 1.28 -16.35	35.84 1.04 -18.79	31.23 0.97 -15.28	28.83 0.61 -18.81	25.31 0.64 -14.80	23.54 0.84 -9.33
GOWANUS_GT3_5 24126	24.52 1.38 -0.21	21.82 1.05 -3.26	20.82 0.99 -3.64	19.89 0.89 -3.34	20.68 0.96 -3.64	18.99 0.96 0.01	22.66 1.32 -0.02	26.35 1.28 -6.52	28.71 1.31 -8.10	31.94 1.73 -4.02	30.84 1.72 -2.61	31.52 1.36 -8.86	30.88 0.80 -17.69	30.99 1.06 -13.31	29.60 0.55 -20.30	29.01 0.55 -19.94	29.54 0.72 -17.59	33.48 0.69 -21.73	37.55 1.28 -16.35	35.84 1.04 -18.79	31.23 0.97 -15.28	28.83 0.61 -18.81	25.31 0.64 -14.80	23.54 0.84 -9.33
GOWANUS_GT3_6 24127	24.52 1.38 -0.21	21.82 1.05 -3.26	20.82 0.99 -3.64	19.89 0.89 -3.34	20.68 0.96 -3.64	18.99 0.96 0.01	22.66 1.32 -0.02	26.35 1.28 -6.52	28.71 1.31 -8.10	31.94 1.73 -4.02	30.84 1.72 -2.61	31.52 1.36 -8.86	30.88 0.80 -17.69	30.99 1.06 -13.31	29.60 0.55 -20.30	29.01 0.55 -19.94	29.54 0.72 -17.59	33.48 0.69 -21.73	37.55 1.28 -16.35	35.84 1.04 -18.79	31.23 0.97 -15.28	28.83 0.61 -18.81	25.31 0.64 -14.80	23.54 0.84 -9.33

GOWANUS_GT4_7 24136	24.50 1.35 -0.21	21.82 1.05 -3.26	20.82 0.99 -3.64	19.89 0.89 -3.34	20.63 0.92 -3.64	18.98 0.94 0.00	22.67 1.32 -0.03	26.33 1.26 -6.51	28.70 1.31 -8.09	31.94 1.73 -4.02	30.81 1.70 -2.62	31.51 1.36 -8.85	30.85 0.80 -17.66	30.97 1.06 -13.30	29.57 0.55 -20.27	28.98 0.55 -19.91	29.58 0.72 -17.62	33.53 0.70 -21.77	37.58 1.28 -16.38	35.88 1.04 -18.83	31.26 0.97 -15.31	28.86 0.61 -18.85	25.34 0.64 -14.83	23.56 0.84 -9.34
GOWANUS_GT4_8 24137	24.50 1.35 -0.21	21.82 1.05 -3.26	20.82 0.99 -3.64	19.89 0.89 -3.34	20.63 0.92 -3.64	18.98 0.94 0.00	22.67 1.32 -0.03	26.33 1.26 -6.51	28.70 1.31 -8.09	31.94 1.73 -4.02	30.81 1.70 -2.62	31.51 1.36 -8.85	30.85 0.80 -17.66	30.97 1.06 -13.30	29.57 0.55 -20.27	28.98 0.55 -19.91	29.58 0.72 -17.62	33.53 0.70 -21.77	37.58 1.28 -16.38	35.88 1.04 -18.83	31.26 0.97 -15.31	28.86 0.61 -18.85	25.34 0.64 -14.83	23.56 0.84 -9.34
GREENBSH_115KV_TB3 55895	24.06 0.87 -0.25	22.12 0.67 -3.95	21.21 0.62 -4.40	20.27 0.58 -4.04	21.07 0.59 -4.40	18.73 0.69 0.00	22.25 0.90 -0.03	27.15 0.72 -7.87	29.85 0.77 -9.78	32.07 1.02 -4.86	30.73 1.06 -3.17	32.85 0.85 -10.71	34.25 0.51 -21.36	33.37 0.68 -16.08	33.59 0.33 -24.51	32.93 0.32 -24.08	32.94 0.43 -21.28	37.79 0.43 -26.29	40.49 0.78 -19.79	39.37 0.62 -22.74	34.05 0.58 -18.49	32.52 0.36 -22.76	28.18 0.39 -17.91	25.19 0.54 -11.28
GREENDGE_115KV_TB5 80291	23.62 0.62 -0.07	18.98 0.40 -1.07	17.77 0.39 -1.20	17.05 0.30 -1.10	17.59 0.32 -1.20	18.68 0.63 0.00	21.88 0.55 -0.01	21.16 0.46 -2.14	22.34 0.39 -2.66	27.91 0.39 -1.32	27.76 0.40 -0.86	24.56 0.36 -2.91	18.44 0.25 -5.81	21.34 0.35 -4.37	15.62 0.21 -6.67	15.30 0.23 -6.55	17.40 0.38 -5.78	18.63 0.42 -7.14	26.06 0.76 -5.38	22.80 0.61 -6.18	20.55 0.55 -5.02	15.93 0.34 -6.18	15.09 0.36 -4.87	16.96 0.52 -3.06
GREENIDGE___3 23582	23.62 0.62 -0.07	18.98 0.40 -1.07	17.77 0.39 -1.20	17.05 0.30 -1.10	17.59 0.32 -1.20	18.68 0.63 0.00	21.88 0.55 -0.01	21.16 0.46 -2.14	22.34 0.39 -2.66	27.91 0.39 -1.32	27.76 0.40 -0.86	24.56 0.36 -2.91	18.44 0.25 -5.81	21.34 0.35 -4.37	15.62 0.21 -6.67	15.30 0.23 -6.55	17.40 0.38 -5.78	18.63 0.42 -7.14	26.06 0.76 -5.38	22.80 0.61 -6.18	20.55 0.55 -5.02	15.93 0.34 -6.18	15.09 0.36 -4.87	16.96 0.52 -3.06
GREENIDGE___4 23583	23.67 0.67 -0.07	18.98 0.40 -1.07	17.77 0.39 -1.20	17.05 0.30 -1.10	17.59 0.32 -1.20	18.62 0.58 0.00	21.91 0.58 -0.01	21.12 0.43 -2.14	22.32 0.37 -2.66	27.91 0.39 -1.32	27.76 0.40 -0.86	24.56 0.36 -2.91	18.44 0.25 -5.81	21.34 0.35 -4.37	15.62 0.21 -6.67	15.30 0.23 -6.55	17.30 0.38 -5.68	18.51 0.42 -7.02	25.97 0.76 -5.28	22.69 0.61 -6.07	20.47 0.55 -4.94	15.82 0.34 -6.08	15.01 0.35 -4.78	16.91 0.52 -3.01
GREENLWN_69_KV_BK 3 55738	24.89 1.77 -0.19	22.03 1.26 -3.27	20.93 1.10 -3.64	19.95 0.96 -3.34	20.75 1.03 -3.64	19.29 1.25 0.00	23.03 1.68 -0.03	26.81 1.76 -6.50	29.29 1.91 -8.08	32.55 2.51 -3.85	30.94 1.96 -2.48	31.44 1.45 -8.71	30.86 0.98 -17.50	30.97 1.21 -13.14	29.59 0.75 -20.09	28.98 0.76 -19.70	29.60 0.98 -17.39	32.75 0.73 -20.96	35.95 1.37 -14.65	35.79 1.14 -18.64	31.19 1.09 -15.12	28.96 0.86 -18.70	24.47 0.95 -13.65	23.89 1.19 -9.33
GREENWD_138_KV_38B11_REV_LBMP_J 345004	24.50 1.35 -0.21	21.82 1.05 -3.26	20.82 0.99 -3.64	19.89 0.89 -3.34	20.63 0.92 -3.64	18.98 0.94 0.00	22.67 1.32 -0.03	26.33 1.26 -6.51	28.70 1.31 -8.09	31.94 1.73 -4.02	30.81 1.70 -2.62	31.51 1.36 -8.85	30.85 0.80 -17.66	30.97 1.06 -13.30	29.57 0.55 -20.27	28.98 0.55 -19.91	29.58 0.72 -17.62	33.53 0.70 -21.77	37.58 1.28 -16.38	35.88 1.04 -18.83	31.26 0.97 -15.31	28.86 0.61 -18.85	25.34 0.64 -14.83	23.56 0.84 -9.34
GRISSOM___SOLAR 323813	25.12 1.93 -0.26	22.98 1.40 -4.07	22.07 1.34 -4.54	21.00 1.17 -4.16	21.89 1.27 -4.54	19.47 1.43 0.00	23.42 2.07 -0.03	28.35 1.67 -8.13	31.11 1.72 -10.10	33.48 2.28 -5.01	31.99 2.23 -3.27	34.23 1.89 -11.05	35.52 1.09 -22.05	34.72 1.51 -16.60	34.81 0.76 -25.30	34.19 0.81 -24.85	34.29 1.12 -21.93	39.32 1.16 -27.10	42.45 2.13 -20.39	41.17 1.73 -23.43	35.54 1.51 -19.05	33.73 0.87 -23.46	29.22 0.89 -18.45	26.15 1.15 -11.62
GROVEVILLE___HYD 323602	24.38 1.24 -0.21	21.69 0.95 -3.24	20.67 0.87 -3.61	19.78 0.81 -3.31	20.52 0.84 -3.61	18.95 0.90 0.00	22.54 1.19 -0.03	26.10 1.09 -6.45	28.47 1.16 -8.02	31.69 1.52 -3.98	30.58 1.48 -2.59	31.28 1.21 -8.77	30.59 0.71 -17.50	30.74 0.95 -13.18	29.31 0.48 -20.09	28.74 0.49 -19.73	29.35 0.65 -17.46	33.28 0.64 -21.58	37.38 1.22 -16.24	35.63 0.96 -18.66	31.00 0.85 -15.17	28.64 0.55 -18.68	25.12 0.55 -14.69	23.41 0.78 -9.26
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	23.26 0.28 -0.05	18.44 0.18 -0.76	17.19 0.16 -0.85	16.56 0.13 -0.77	17.06 0.14 -0.85	18.26 0.22 0.00	21.54 0.21 -0.01	20.29 0.22 -1.51	21.40 0.23 -1.88	27.39 0.26 -0.93	27.43 0.32 -0.61	23.62 0.28 -2.05	16.68 0.20 -4.10	19.98 0.28 -3.09	13.62 0.17 -4.71	13.31 0.17 -4.62	15.56 0.25 -4.08	16.37 0.27 -5.04	24.20 0.48 -3.79	20.75 0.38 -4.36	18.88 0.36 -3.55	13.99 0.23 -4.36	13.53 0.23 -3.43	15.86 0.32 -2.16
HAMLTNNY_34_KV_TB 80303	23.38 0.39 -0.05	18.54 0.25 -0.79	17.32 0.24 -0.89	16.66 0.19 -0.81	17.17 0.21 -0.89	18.37 0.32 0.00	21.67 0.34 -0.01	20.45 0.32 -1.58	21.57 0.31 -1.97	27.54 0.37 -0.98	27.56 0.42 -0.64	23.83 0.38 -2.15	16.94 0.26 -4.30	20.21 0.37 -3.23	13.89 0.21 -4.93	13.58 0.21 -4.84	15.83 0.31 -4.28	16.68 0.33 -5.28	24.50 0.60 -3.98	21.06 0.48 -4.57	19.12 0.43 -3.72	14.25 0.27 -4.57	13.75 0.28 -3.60	16.03 0.39 -2.27
HAMPSHIRE___PAPER_HYD 323593	22.58 -0.37 -0.01	17.40 -0.28 -0.17	16.07 -0.31 -0.19	15.58 -0.25 -0.18	16.01 -0.26 -0.19	17.76 -0.29 0.00	20.96 -0.36 0.00	18.57 -0.33 -0.34	19.47 -0.25 -0.43	26.14 -0.26 -0.21	26.32 -0.32 -0.14	21.41 -0.34 -0.47	12.99 -0.32 -0.93	16.88 -0.43 -0.70	9.60 -0.22 -1.07	9.37 -0.20 -1.05	11.93 -0.31 -1.01	12.02 -0.29 -1.24	13.60 -0.52 5.81	9.84 -0.43 5.74	8.94 -0.36 5.68	6.06 -0.18 3.16	6.08 -0.16 3.64	7.35 -0.28 5.74
HARDSCRABBLE_WT_PWR 323673	23.07 0.14 0.00	17.64 0.14 0.00	16.33 0.15 0.00	15.83 0.17 0.00	16.28 0.21 0.00	18.30 0.25 0.00	21.62 0.30 0.00	18.76 0.20 0.00	19.51 0.21 0.00	26.43 0.24 0.00	26.74 0.24 0.00	21.42 0.13 0.00	12.43 0.05 0.00	16.65 0.03 0.00	8.73 -0.02 0.00	8.48 -0.04 0.00	11.57 -0.10 -0.43	11.50 -0.10 -0.53	20.86 -0.20 -1.13	17.03 -0.18 -1.20	15.91 -0.15 -1.08	10.22 -0.10 -0.92	10.62 -0.10 -0.85	14.12 -0.16 -0.91
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	24.29 1.17 -0.19	21.32 0.88 -2.94	20.28 0.81 -3.28	19.42 0.75 -3.01	20.13 0.77 -3.28	18.89 0.85 0.00	22.48 1.13 -0.03	25.50 1.08 -5.86	27.70 1.12 -7.29	31.28 1.47 -3.62	30.29 1.43 -2.36	30.43 1.17 -7.97	28.98 0.69 -15.91	29.50 0.91 -11.98	27.47 0.47 -18.26	26.93 0.48 -17.93	28.00 0.64 -16.13	31.62 0.63 -19.93	36.15 1.24 -14.99	34.20 0.96 -17.23	29.86 0.87 -14.01	27.21 0.55 -17.25	24.00 0.55 -13.57	22.68 0.76 -8.55

HARSNRAD_115KV_TB1 81005	23.13 0.14 -0.06	18.55 0.12 -0.92	17.42 0.21 -1.03	16.63 0.03 -0.94	17.15 0.05 -1.03	18.44 0.40 0.00	21.48 0.15 -0.01	20.19 -0.20 -1.84	20.92 -0.66 -2.28	26.15 -1.18 -1.13	26.18 -1.06 -0.74	23.06 -0.72 -2.50	17.02 -0.35 -4.98	19.92 -0.45 -3.75	14.27 -0.19 -5.72	13.99 -0.14 -5.62	16.07 -0.12 -4.96	17.08 -0.11 -6.13	24.28 -0.26 -4.61	21.20 -0.11 -5.30	19.21 -0.07 -4.31	14.66 -0.05 -5.30	14.08 0.03 -4.17	16.20 0.20 -2.63
HARZA MOOSE__RIVER 24016	23.13 0.18 -0.01	17.80 0.11 -0.19	16.45 0.05 -0.21	15.91 0.06 -0.19	16.35 0.06 -0.21	18.19 0.14 0.00	21.47 0.15 0.00	19.04 0.11 -0.38	19.99 0.23 -0.47	26.71 0.29 -0.23	26.97 0.32 -0.15	22.01 0.21 -0.51	13.50 0.10 -1.02	17.52 0.13 -0.77	10.01 0.10 -1.17	9.77 0.10 -1.15	12.39 0.13 -1.02	12.49 0.18 -1.25	19.87 0.36 0.41	16.00 0.27 0.28	14.81 0.27 0.43	9.81 0.17 -0.24	10.02 0.19 0.05	12.84 0.19 0.72
HDSNBRDG_115KV_BRDG_TB1 355580	23.07 0.09 -0.05	18.25 0.04 -0.71	17.01 0.03 -0.79	16.38 0.00 -0.73	16.88 0.02 -0.79	18.14 0.09 0.00	21.37 0.04 -0.01	20.03 0.06 -1.42	21.11 0.06 -1.76	27.09 0.03 -0.87	27.12 0.05 -0.57	23.28 0.06 -1.93	16.30 0.07 -3.84	19.62 0.12 -2.89	13.24 0.09 -4.41	12.94 0.09 -4.33	15.21 0.15 -3.82	15.94 0.15 -4.72	23.76 0.28 -3.56	20.32 0.22 -4.09	18.51 0.21 -3.32	13.63 0.13 -4.09	13.23 0.14 -3.22	15.59 0.19 -2.03
HELLGATE_13_KV_LD 55870	24.38 1.24 -0.21	21.75 0.98 -3.26	20.75 0.92 -3.64	19.83 0.83 -3.34	20.57 0.85 -3.64	18.91 0.87 0.00	22.56 1.22 -0.03	26.22 1.15 -6.51	28.62 1.23 -8.09	31.81 1.60 -4.02	30.68 1.56 -2.62	31.40 1.26 -8.85	30.78 0.73 -17.66	30.88 0.96 -13.30	29.51 0.49 -20.27	28.92 0.49 -19.91	29.51 0.65 -17.62	33.46 0.63 -21.77	37.46 1.16 -16.38	35.78 0.94 -18.83	31.14 0.85 -15.31	28.80 0.55 -18.85	25.28 0.58 -14.83	23.49 0.78 -9.34
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	24.38 1.24 -0.21	21.75 0.98 -3.26	20.75 0.92 -3.64	19.83 0.83 -3.34	20.57 0.85 -3.64	18.91 0.87 0.00	22.56 1.22 -0.03	26.22 1.15 -6.51	28.62 1.23 -8.09	31.81 1.60 -4.02	30.68 1.56 -2.62	31.40 1.26 -8.85	30.78 0.73 -17.66	30.88 0.96 -13.30	29.51 0.49 -20.27	28.92 0.49 -19.91	29.51 0.65 -17.62	33.46 0.63 -21.77	37.46 1.16 -16.38	35.78 0.94 -18.83	31.14 0.85 -15.31	28.80 0.55 -18.85	25.28 0.58 -14.83	23.49 0.78 -9.34
HEMPSTEAD____ 23647	24.73 1.58 -0.21	21.91 1.14 -3.27	20.85 1.02 -3.64	19.89 0.89 -3.34	20.75 1.03 -3.64	19.20 1.16 0.00	22.89 1.54 -0.04	27.74 1.58 -7.61	29.03 1.62 -8.12	32.36 2.15 -4.02	31.06 1.93 -2.62	31.59 1.43 -8.87	31.00 0.92 -17.70	31.10 1.16 -13.32	29.73 0.66 -20.32	29.15 0.67 -19.96	29.71 0.88 -17.60	33.50 0.70 -21.74	37.64 1.36 -16.36	35.93 1.12 -18.80	31.36 1.09 -15.29	29.01 0.73 -18.88	25.60 0.80 -14.92	23.78 1.07 -9.33
HEWLETT__69_KV_BK3 55828	24.93 1.79 -0.21	22.07 1.30 -3.27	20.98 1.15 -3.64	20.00 1.00 -3.34	20.79 1.08 -3.64	19.34 1.30 0.00	23.07 1.73 -0.03	26.78 1.71 -6.51	29.17 1.78 -8.10	32.57 2.36 -4.02	31.16 2.04 -2.62	31.72 1.58 -8.85	31.06 1.02 -17.67	31.19 1.28 -13.30	29.76 0.73 -20.28	29.16 0.72 -19.92	29.81 0.96 -17.62	33.61 0.77 -21.77	37.80 1.49 -16.38	36.09 1.25 -18.83	31.47 1.18 -15.31	29.12 0.81 -18.90	25.63 0.89 -14.87	23.91 1.19 -9.34
HICKLING__1 23621	23.70 0.69 -0.08	19.23 0.47 -1.26	18.07 0.49 -1.40	17.30 0.36 -1.28	17.86 0.39 -1.40	18.88 0.83 0.00	21.97 0.64 -0.01	21.52 0.46 -2.50	22.70 0.29 -3.11	27.97 0.24 -1.54	27.80 0.29 -1.01	24.97 0.28 -3.40	19.37 0.20 -6.79	22.01 0.28 -5.11	16.71 0.17 -7.80	16.37 0.19 -7.66	18.31 0.31 -6.76	19.75 0.33 -8.35	26.85 0.64 -6.29	23.76 0.53 -7.22	21.34 0.49 -5.87	16.94 0.31 -7.23	15.89 0.33 -5.69	17.48 0.52 -3.58
HICKLING__2 23622	23.70 0.69 -0.08	19.23 0.47 -1.26	18.07 0.49 -1.40	17.30 0.36 -1.28	17.86 0.39 -1.40	18.88 0.83 0.00	21.97 0.64 -0.01	21.52 0.46 -2.50	22.70 0.29 -3.11	27.97 0.24 -1.54	27.80 0.29 -1.01	24.97 0.28 -3.40	19.37 0.20 -6.79	22.01 0.28 -5.11	16.71 0.17 -7.80	16.37 0.19 -7.66	18.31 0.31 -6.76	19.75 0.33 -8.35	26.85 0.64 -6.29	23.76 0.53 -7.22	21.34 0.49 -5.87	16.94 0.31 -7.23	15.89 0.33 -5.69	17.48 0.52 -3.58
HIGH FALLS__HY 23754	24.31 1.17 -0.20	21.58 0.89 -3.18	20.53 0.79 -3.55	19.68 0.77 -3.25	20.41 0.79 -3.55	18.88 0.83 0.00	22.46 1.11 -0.03	25.94 1.04 -6.34	28.28 1.10 -7.88	31.52 1.41 -3.91	30.38 1.33 -2.55	30.98 1.06 -8.62	30.22 0.63 -17.20	30.40 0.83 -12.95	28.93 0.44 -19.74	28.37 0.45 -19.40	29.01 0.62 -17.15	32.87 0.62 -21.19	37.07 1.20 -15.95	35.27 0.93 -18.33	30.72 0.84 -14.90	28.29 0.55 -18.34	24.84 0.53 -14.43	23.21 0.75 -9.09
HILLBURN__GT 23639	24.29 1.17 -0.19	21.37 0.89 -2.97	20.31 0.81 -3.32	19.47 0.77 -3.04	20.19 0.80 -3.32	18.93 0.88 0.00	22.50 1.15 -0.03	25.68 1.13 -5.99	27.86 1.12 -7.44	31.38 1.49 -3.69	30.36 1.46 -2.41	30.60 1.17 -8.14	29.32 0.69 -16.25	29.76 0.91 -12.23	27.86 0.47 -18.65	27.31 0.47 -18.32	28.01 0.63 -16.15	31.63 0.62 -19.95	36.13 1.20 -15.01	34.23 0.96 -17.26	29.87 0.87 -14.03	27.22 0.55 -17.27	24.01 0.55 -13.59	22.68 0.75 -8.56
HILLSIDE_115KV_TB1 80332	23.43 0.41 -0.08	19.07 0.28 -1.28	17.91 0.29 -1.43	17.17 0.20 -1.31	17.73 0.23 -1.43	18.68 0.63 0.00	21.74 0.41 -0.01	21.36 0.24 -2.56	22.54 0.06 -3.18	27.72 -0.05 -1.58	27.50 -0.03 -1.03	24.79 0.02 -3.48	19.39 0.06 -6.95	21.93 0.08 -5.23	16.78 0.06 -7.97	16.43 0.08 -7.83	18.32 0.17 -6.92	19.80 0.19 -8.54	26.73 0.38 -6.43	23.74 0.34 -7.39	21.28 0.30 -6.01	16.99 0.19 -7.40	15.89 0.20 -5.82	17.39 0.35 -3.67
HISHELDN_WT_PWR 323625	23.32 0.32 -0.07	18.69 0.18 -1.01	17.56 0.24 -1.13	16.77 0.08 -1.04	17.29 0.08 -1.13	18.51 0.47 0.00	21.59 0.26 -0.01	20.41 -0.17 -2.02	21.34 -0.46 -2.51	26.52 -0.92 -1.25	26.44 -0.87 -0.81	23.44 -0.60 -2.75	17.58 -0.28 -5.48	20.36 -0.38 -4.13	14.87 -0.17 -6.29	14.58 -0.13 -6.18	16.52 -0.10 -5.39	17.64 -0.08 -6.66	24.77 -0.16 -5.01	21.70 -0.06 -5.76	19.61 -0.04 -4.68	15.15 -0.02 -5.76	14.44 0.03 -4.53	16.38 0.15 -2.86
HOLTSVILLE_IC_1 23690	25.47 2.25 -0.29	22.38 1.61 -3.27	21.25 1.42 -3.64	20.23 1.24 -3.34	21.15 1.43 -3.64	19.70 1.66 0.00	23.48 2.11 -0.05	28.36 2.11 -7.69	29.63 2.14 -8.20	38.75 2.86 -9.70	36.08 2.41 -7.17	36.72 1.72 -13.70	36.71 1.14 -23.19	36.71 1.44 -18.66	36.07 0.87 -26.45	36.71 0.89 -27.30	37.99 1.15 -25.61	62.69 0.86 -50.77	100.15 1.67 -78.55	42.63 1.39 -25.23	38.03 1.39 -21.66	36.07 0.99 -25.68	33.97 1.09 -23.01	24.24 1.47 -9.39
HOLTSVILLE_IC_10 23699	25.59 2.36 -0.29	22.47 1.70 -3.27	21.34 1.51 -3.64	20.31 1.32 -3.34	21.23 1.51 -3.64	19.80 1.75 0.00	23.61 2.24 -0.05	28.48 2.23 -7.69	29.75 2.26 -8.20	38.52 3.01 -9.32	35.93 2.57 -6.86	36.54 1.87 -13.38	36.43 1.23 -22.82	36.45 1.55 -18.29	35.70 0.93 -26.03	36.26 0.94 -26.80	37.51 1.21 -25.06	60.75 0.94 -48.75	95.93 1.79 -74.21	42.29 1.49 -24.79	37.69 1.48 -21.23	35.66 1.04 -25.21	34.67 1.14 -23.65	24.32 1.55 -9.40

HOLTSVILLE_IC_2 23691	25.47 2.25 -0.29	22.38 1.61 -3.27	21.25 1.42 -3.64	20.23 1.24 -3.34	21.15 1.43 -3.64	19.70 1.66 0.00	23.48 2.11 -0.05	28.36 2.11 -7.69	29.63 2.14 -8.20	38.75 2.86 -9.70	36.08 2.41 -7.17	36.72 1.72 -13.70	36.71 1.14 -23.19	36.71 1.44 -18.66	36.07 0.87 -26.45	36.71 0.89 -27.30	37.99 1.15 -25.61	62.69 0.86 -50.77	100.15 1.67 -78.55	42.63 1.39 -25.23	38.03 1.39 -21.66	36.07 0.99 -25.68	33.97 1.09 -23.01	24.24 1.47 -9.39
HOLTSVILLE_IC_3 23692	25.47 2.25 -0.29	22.38 1.61 -3.27	21.25 1.42 -3.64	20.23 1.24 -3.34	21.15 1.43 -3.64	19.70 1.66 0.00	23.48 2.11 -0.05	28.36 2.11 -7.69	29.63 2.14 -8.20	38.75 2.86 -9.70	36.08 2.41 -7.17	36.72 1.72 -13.70	36.71 1.14 -23.19	36.71 1.44 -18.66	36.07 0.87 -26.45	36.71 0.89 -27.30	37.99 1.15 -25.61	62.69 0.86 -50.77	100.15 1.67 -78.55	42.63 1.39 -25.23	38.03 1.39 -21.66	36.07 0.99 -25.68	33.97 1.09 -23.01	24.24 1.47 -9.39
HOLTSVILLE_IC_4 23693	25.47 2.25 -0.29	22.38 1.61 -3.27	21.25 1.42 -3.64	20.23 1.24 -3.34	21.15 1.43 -3.64	19.70 1.66 0.00	23.48 2.11 -0.05	28.36 2.11 -7.69	29.63 2.14 -8.20	38.75 2.86 -9.70	36.08 2.41 -7.17	36.72 1.72 -13.70	36.71 1.14 -23.19	36.71 1.44 -18.66	36.07 0.87 -26.45	36.71 0.89 -27.30	37.99 1.15 -25.61	62.69 0.86 -50.77	100.15 1.67 -78.55	42.63 1.39 -25.23	38.03 1.39 -21.66	36.07 0.99 -25.68	33.97 1.09 -23.01	24.24 1.47 -9.39
HOLTSVILLE_IC_5 23694	25.47 2.25 -0.29	22.38 1.61 -3.27	21.25 1.42 -3.64	20.23 1.24 -3.34	21.15 1.43 -3.64	19.70 1.66 0.00	23.48 2.11 -0.05	28.36 2.11 -7.69	29.63 2.14 -8.20	38.75 2.86 -9.70	36.08 2.41 -7.17	36.72 1.72 -13.70	36.71 1.14 -23.19	36.71 1.44 -18.66	36.07 0.87 -26.45	36.71 0.89 -27.30	37.99 1.15 -25.61	62.69 0.86 -50.77	100.15 1.67 -78.55	42.63 1.39 -25.23	38.03 1.39 -21.66	36.07 0.99 -25.68	33.97 1.09 -23.01	24.24 1.47 -9.39
HOLTSVILLE_IC_6 23695	25.59 2.36 -0.29	22.47 1.70 -3.27	21.34 1.51 -3.64	20.31 1.32 -3.34	21.23 1.51 -3.64	19.80 1.75 0.00	23.61 2.24 -0.05	28.48 2.23 -7.69	29.75 2.26 -8.20	38.52 3.01 -9.32	35.93 2.57 -6.86	36.54 1.87 -13.38	36.43 1.23 -22.82	36.45 1.55 -18.29	35.70 0.93 -26.03	36.26 0.94 -26.80	37.51 1.21 -25.06	60.75 0.94 -48.75	95.93 1.79 -74.21	42.29 1.49 -24.79	37.69 1.48 -21.23	35.66 1.04 -25.21	34.67 1.14 -23.65	24.32 1.55 -9.40
HOLTSVILLE_IC_7 23696	25.59 2.36 -0.29	22.47 1.70 -3.27	21.34 1.51 -3.64	20.31 1.32 -3.34	21.23 1.51 -3.64	19.80 1.75 0.00	23.61 2.24 -0.05	28.48 2.23 -7.69	29.75 2.26 -8.20	38.52 3.01 -9.32	35.93 2.57 -6.86	36.54 1.87 -13.38	36.43 1.23 -22.82	36.45 1.55 -18.29	35.70 0.93 -26.03	36.26 0.94 -26.80	37.51 1.21 -25.06	60.75 0.94 -48.75	95.93 1.79 -74.21	42.29 1.49 -24.79	37.69 1.48 -21.23	35.66 1.04 -25.21	34.67 1.14 -23.65	24.32 1.55 -9.40
HOLTSVILLE_IC_8 23697	25.59 2.36 -0.29	22.47 1.70 -3.27	21.34 1.51 -3.64	20.31 1.32 -3.34	21.23 1.51 -3.64	19.80 1.75 0.00	23.61 2.24 -0.05	28.48 2.23 -7.69	29.75 2.26 -8.20	38.52 3.01 -9.32	35.93 2.57 -6.86	36.54 1.87 -13.38	36.43 1.23 -22.82	36.45 1.55 -18.29	35.70 0.93 -26.03	36.26 0.94 -26.80	37.51 1.21 -25.06	60.75 0.94 -48.75	95.93 1.79 -74.21	42.29 1.49 -24.79	37.69 1.48 -21.23	35.66 1.04 -25.21	34.67 1.14 -23.65	24.32 1.55 -9.40
HOLTSVILLE_IC_9 23698	25.59 2.36 -0.29	22.47 1.70 -3.27	21.34 1.51 -3.64	20.31 1.32 -3.34	21.23 1.51 -3.64	19.80 1.75 0.00	23.61 2.24 -0.05	28.48 2.23 -7.69	29.75 2.26 -8.20	38.52 3.01 -9.32	35.93 2.57 -6.86	36.54 1.87 -13.38	36.43 1.23 -22.82	36.45 1.55 -18.29	35.70 0.93 -26.03	36.26 0.94 -26.80	37.51 1.21 -25.06	60.75 0.94 -48.75	95.93 1.79 -74.21	42.29 1.49 -24.79	37.69 1.48 -21.23	35.66 1.04 -25.21	34.67 1.14 -23.65	24.32 1.55 -9.40
HOMER_HL_115KV_TB2 355744	22.84 -0.16 -0.07	18.39 -0.14 -1.03	17.30 -0.03 -1.15	16.51 -0.20 -1.05	17.03 -0.19 -1.15	19.06 1.01 0.00	21.31 -0.02 -0.01	20.33 -0.28 -2.05	21.09 -0.75 -2.55	26.12 -1.34 -1.27	26.05 -1.27 -0.83	23.12 -0.96 -2.79	17.43 -0.52 -5.57	20.09 -0.71 -4.19	14.79 -0.35 -6.39	14.50 -0.31 -6.28	16.47 -0.31 -5.54	17.63 -0.29 -6.85	24.66 -0.42 -5.16	21.68 -0.26 -5.92	19.52 -0.27 -4.82	15.16 -0.18 -5.93	14.37 -0.17 -4.67	16.22 -0.09 -2.94
HOWARD_WT_PWR 323690	23.92 0.92 -0.07	19.16 0.54 -1.11	17.98 0.55 -1.24	17.19 0.39 -1.14	17.72 0.40 -1.24	18.89 0.85 0.00	21.99 0.66 -0.01	21.11 0.33 -2.22	22.17 0.12 -2.76	27.46 -0.10 -1.37	27.31 -0.08 -0.89	24.26 -0.04 -3.02	18.40 0.00 -6.02	21.11 -0.03 -4.53	15.66 0.01 -6.90	15.34 0.03 -6.78	17.27 0.14 -5.89	18.52 0.18 -7.28	25.72 0.32 -5.48	22.61 0.30 -6.30	20.38 0.28 -5.12	15.89 0.18 -6.31	15.04 0.21 -4.96	16.86 0.36 -3.12
HQ_GEN_CEDARS 23644	22.59 -0.34 0.00	17.28 -0.23 0.00	15.96 -0.23 0.00	15.49 -0.17 0.00	15.88 -0.19 0.00	17.78 -0.27 0.00	20.94 -0.38 0.00	18.22 -0.33 0.00	19.01 -0.29 0.00	25.93 -0.26 0.00	26.16 -0.34 0.00	20.97 -0.32 0.00	12.11 -0.27 0.00	16.25 -0.37 0.00	8.54 -0.21 0.00	8.31 -0.21 0.00	10.91 -0.33 0.00	10.71 -0.35 0.00	7.18 -0.66 12.09	3.27 -0.53 12.22	2.75 -0.48 11.75	1.53 -0.27 7.60	1.56 -0.28 8.04	1.74 -0.39 11.25
HQ_GEN_CEDARS_PROXY 323590	22.59 -0.34 0.00	17.28 -0.23 0.00	15.96 -0.23 0.00	15.49 -0.17 0.00	15.88 -0.19 0.00	17.79 -0.25 0.00	20.94 -0.38 0.00	18.94 -0.33 -0.72	18.28 -0.29 0.72	25.93 -0.26 0.00	26.16 -0.35 0.00	20.97 -0.32 0.00	12.11 -0.27 0.00	16.25 -0.37 0.00	8.54 -0.21 0.00	8.31 -0.21 0.00	10.90 -0.34 0.00	10.71 -0.35 0.00	7.18 -0.66 12.09	3.27 -0.53 12.22	2.75 -0.48 11.75	1.53 -0.27 7.60	1.57 -0.27 8.04	1.74 -0.39 11.25
HQ_GEN_IMPORT 323601	22.61 -0.32 0.00	17.28 -0.23 0.00	15.98 -0.21 0.00	15.47 -0.19 0.00	15.88 -0.19 0.00	17.81 -0.24 0.00	21.02 -0.30 0.00	19.02 -0.26 -0.72	18.32 -0.25 0.72	25.88 -0.31 0.00	26.16 -0.35 0.00	21.01 -0.28 0.00	12.18 -0.20 0.00	16.35 -0.27 0.00	8.60 -0.15 0.00	8.38 -0.14 0.00	11.02 -0.21 0.00	10.84 -0.22 0.00	16.87 -0.42 2.63	13.01 -0.34 2.66	12.10 -0.32 2.56	7.56 -0.19 1.66	7.92 -0.20 1.75	10.64 -0.28 2.45
HQ_GEN_WHEEL 23651	22.61 -0.32 0.00	17.28 -0.23 0.00	15.98 -0.21 0.00	15.47 -0.19 0.00	15.88 -0.19 0.00	17.81 -0.24 0.00	21.02 -0.30 0.00	19.02 -0.26 -0.72	18.32 -0.25 0.72	25.88 -0.31 0.00	26.16 -0.35 0.00	21.01 -0.28 0.00	12.18 -0.20 0.00	16.35 -0.27 0.00	8.60 -0.15 0.00	8.38 -0.14 0.00	11.02 -0.21 0.00	10.84 -0.22 0.00	16.87 -0.42 2.63	13.01 -0.34 2.66	12.10 -0.32 2.56	7.56 -0.19 1.66	7.92 -0.20 1.75	10.64 -0.28 2.45
HUDSON_AVE_GT_3 23810	24.47 1.33 -0.21	21.79 1.02 -3.26	20.80 0.97 -3.64	19.89 0.89 -3.34	20.63 0.92 -3.64	19.02 0.97 0.00	22.71 1.36 -0.03	26.35 1.28 -6.51	28.76 1.37 -8.09	31.99 1.78 -4.02	30.87 1.75 -2.62	31.55 1.41 -8.85	30.86 0.82 -17.66	30.99 1.08 -13.30	29.57 0.55 -20.27	28.98 0.55 -19.91	29.59 0.73 -17.62	33.54 0.71 -21.77	37.60 1.30 -16.38	35.89 1.06 -18.83	31.24 0.96 -15.31	28.86 0.61 -18.85	25.35 0.65 -14.83	23.57 0.86 -9.34

HUDSON AVE_GT_4 23540	24.47 1.33 -0.21	21.79 1.02 -3.26	20.80 0.97 -3.64	19.89 0.89 -3.34	20.63 0.92 -3.64	19.02 0.97 0.00	22.71 1.36 -0.03	26.35 1.28 -6.51	28.76 1.37 -8.09	31.99 1.78 -4.02	30.87 1.75 -2.62	31.55 1.41 -8.85	30.86 0.82 -17.66	30.99 1.08 -13.30	29.57 0.55 -20.27	28.98 0.55 -19.91	29.59 0.73 -17.62	33.54 0.71 -21.77	37.60 1.30 -16.38	35.89 1.06 -18.83	31.24 0.96 -15.31	28.86 0.61 -18.85	25.35 0.65 -14.83	23.57 0.86 -9.34
HUDSON AVE_GT_5 23657	24.47 1.33 -0.21	21.79 1.02 -3.26	20.80 0.97 -3.64	19.89 0.89 -3.34	20.63 0.92 -3.64	19.02 0.97 0.00	22.71 1.36 -0.03	26.35 1.28 -6.51	28.76 1.37 -8.09	31.99 1.78 -4.02	30.87 1.75 -2.62	31.55 1.41 -8.85	30.86 0.82 -17.66	30.99 1.08 -13.30	29.57 0.55 -20.27	28.98 0.55 -19.91	29.59 0.73 -17.62	33.54 0.71 -21.77	37.60 1.30 -16.38	35.89 1.06 -18.83	31.24 0.96 -15.31	28.86 0.61 -18.85	25.35 0.65 -14.83	23.57 0.86 -9.34
HUDSON_AVE_10 24168	24.38 1.24 -0.21	21.72 0.95 -3.26	20.74 0.91 -3.64	19.82 0.83 -3.33	20.56 0.85 -3.63	18.95 0.90 0.00	22.65 1.30 -0.03	26.31 1.24 -6.51	28.72 1.33 -8.09	31.91 1.70 -4.02	30.76 1.64 -2.62	31.46 1.32 -8.85	30.81 0.77 -17.66	30.92 1.01 -13.30	29.53 0.52 -20.27	28.95 0.51 -19.91	29.54 0.69 -17.62	33.51 0.67 -21.77	37.52 1.22 -16.38	35.83 0.99 -18.83	31.18 0.90 -15.31	28.82 0.57 -18.85	25.32 0.62 -14.83	23.53 0.82 -9.34
HUDSON___115KV_TB 4 355613	24.31 1.12 -0.25	22.16 0.81 -3.85	21.21 0.73 -4.30	20.28 0.69 -3.94	21.09 0.72 -4.30	18.89 0.85 0.00	22.48 1.13 -0.03	27.09 0.85 -7.68	29.75 0.91 -9.55	32.11 1.18 -4.74	30.78 1.19 -3.09	32.73 1.00 -10.44	33.80 0.58 -20.84	33.08 0.78 -15.69	33.05 0.38 -23.92	32.40 0.38 -23.49	32.53 0.53 -20.76	37.26 0.54 -25.65	40.25 1.02 -19.30	38.98 0.78 -22.19	33.73 0.72 -18.04	32.05 0.44 -22.21	27.80 0.45 -17.47	25.02 0.64 -11.00
HUNTER MOUNT___DRP 323613	24.32 1.15 -0.24	22.04 0.79 -3.74	21.08 0.71 -4.18	20.16 0.67 -3.83	20.96 0.71 -4.18	18.91 0.87 0.00	22.50 1.15 -0.03	26.82 0.80 -7.47	29.44 0.87 -9.28	31.92 1.13 -4.61	30.64 1.14 -3.00	32.40 0.96 -10.15	33.21 0.57 -20.26	32.61 0.75 -15.25	32.36 0.37 -23.25	31.73 0.37 -22.84	31.93 0.51 -20.19	36.55 0.54 -24.94	39.71 1.02 -18.77	38.35 0.77 -21.57	33.22 0.70 -17.54	31.42 0.42 -21.59	27.29 0.43 -16.99	24.70 0.63 -10.70
HUNTINGTON_RES_REC 323705	25.09 1.99 -0.16	22.19 1.42 -3.27	21.08 1.25 -3.64	20.06 1.07 -3.34	20.97 1.25 -3.64	19.49 1.44 0.00	23.22 1.88 -0.02	28.08 1.97 -7.56	29.40 2.04 -8.06	31.98 2.70 -3.09	30.62 2.25 -1.86	30.95 1.60 -8.07	30.24 1.07 -16.79	30.39 1.33 -12.44	28.88 0.82 -19.31	28.11 0.83 -18.76	28.61 1.08 -16.29	28.98 0.80 -17.12	27.93 1.51 -6.49	35.02 1.26 -17.75	30.52 1.30 -14.24	28.09 0.93 -17.76	20.23 1.03 -9.33	23.98 1.32 -9.29
HUNTLEY___63 23557	23.20 0.21 -0.06	18.60 0.16 -0.94	17.49 0.26 -1.05	16.68 0.06 -0.96	17.20 0.08 -1.05	18.53 0.49 0.00	21.56 0.23 -0.01	20.30 -0.13 -1.88	21.05 -0.58 -2.33	26.27 -1.07 -1.16	26.30 -0.95 -0.75	23.20 -0.64 -2.55	17.16 -0.31 -5.09	20.04 -0.40 -3.83	14.41 -0.17 -5.84	14.14 -0.12 -5.73	16.22 -0.08 -5.06	17.24 -0.08 -6.25	24.43 -0.20 -4.71	21.36 -0.06 -5.41	19.34 -0.03 -4.40	14.81 -0.01 -5.41	14.19 0.06 -4.26	16.27 0.21 -2.68
HUNTLEY___64 23558	23.20 0.21 -0.06	18.60 0.16 -0.94	17.49 0.26 -1.05	16.68 0.06 -0.96	17.20 0.08 -1.05	18.53 0.49 0.00	21.56 0.23 -0.01	20.30 -0.13 -1.88	21.05 -0.58 -2.33	26.27 -1.07 -1.16	26.30 -0.95 -0.75	23.20 -0.64 -2.55	17.16 -0.31 -5.09	20.04 -0.40 -3.83	14.41 -0.17 -5.84	14.14 -0.12 -5.73	16.22 -0.08 -5.06	17.24 -0.08 -6.25	24.43 -0.20 -4.71	21.36 -0.06 -5.41	19.34 -0.03 -4.40	14.81 -0.01 -5.41	14.19 0.06 -4.26	16.27 0.21 -2.68
HUNTLEY___65 23559	23.20 0.21 -0.06	18.60 0.16 -0.94	17.49 0.26 -1.05	16.68 0.06 -0.96	17.20 0.08 -1.05	18.53 0.49 0.00	21.56 0.23 -0.01	20.30 -0.13 -1.88	21.05 -0.58 -2.33	26.27 -1.07 -1.16	26.30 -0.95 -0.75	23.20 -0.64 -2.55	17.16 -0.31 -5.09	20.04 -0.40 -3.83	14.41 -0.17 -5.84	14.14 -0.12 -5.73	16.22 -0.08 -5.06	17.24 -0.08 -6.25	24.43 -0.20 -4.71	21.36 -0.06 -5.41	19.34 -0.03 -4.40	14.81 -0.01 -5.41	14.19 0.06 -4.26	16.27 0.21 -2.68
HUNTLEY___66 23560	23.20 0.21 -0.06	18.60 0.16 -0.94	17.49 0.26 -1.05	16.68 0.06 -0.96	17.20 0.08 -1.05	18.53 0.49 0.00	21.56 0.23 -0.01	20.30 -0.13 -1.88	21.05 -0.58 -2.33	26.27 -1.07 -1.16	26.30 -0.95 -0.75	23.20 -0.64 -2.55	17.16 -0.31 -5.09	20.04 -0.40 -3.83	14.41 -0.17 -5.84	14.14 -0.12 -5.73	16.22 -0.08 -5.06	17.24 -0.08 -6.25	24.43 -0.20 -4.71	21.36 -0.06 -5.41	19.34 -0.03 -4.40	14.81 -0.01 -5.41	14.19 0.06 -4.26	16.27 0.21 -2.68
HUNTLEY___67 23561	23.06 0.07 -0.06	18.53 0.07 -0.95	17.41 0.16 -1.06	16.62 -0.02 -0.97	17.14 0.00 -1.06	18.46 0.42 0.00	21.48 0.15 -0.01	20.27 -0.19 -1.90	21.00 -0.66 -2.36	26.19 -1.18 -1.17	26.20 -1.06 -0.76	23.13 -0.75 -2.58	17.19 -0.35 -5.16	20.03 -0.47 -3.88	14.47 -0.19 -5.92	14.18 -0.15 -5.81	16.23 -0.13 -5.13	17.28 -0.12 -6.34	24.42 -0.28 -4.77	21.37 -0.13 -5.48	19.34 -0.09 -4.46	14.85 -0.05 -5.49	14.21 0.02 -4.32	16.24 0.15 -2.72
HUNTLEY___68 23562	23.06 0.07 -0.06	18.53 0.07 -0.95	17.41 0.16 -1.06	16.62 -0.02 -0.97	17.14 0.00 -1.06	18.46 0.42 0.00	21.48 0.15 -0.01	20.27 -0.19 -1.90	21.00 -0.66 -2.36	26.19 -1.18 -1.17	26.20 -1.06 -0.76	23.13 -0.75 -2.58	17.19 -0.35 -5.16	20.03 -0.47 -3.88	14.47 -0.19 -5.92	14.18 -0.15 -5.81	16.23 -0.13 -5.13	17.28 -0.12 -6.34	24.42 -0.28 -4.77	21.37 -0.13 -5.48	19.34 -0.09 -4.46	14.85 -0.05 -5.49	14.21 0.02 -4.32	16.24 0.15 -2.72
HYLAND___LFGE 323620	24.33 1.33 -0.06	19.37 0.87 -0.99	18.10 0.81 -1.10	17.36 0.69 -1.01	17.88 0.71 -1.10	19.09 1.05 0.00	22.44 1.11 -0.01	21.34 0.82 -1.97	22.51 0.77 -2.45	27.98 0.58 -1.21	27.69 0.40 -0.79	24.22 0.26 -2.68	17.92 0.20 -5.34	20.95 0.31 -4.02	15.09 0.21 -6.13	14.81 0.26 -6.02	16.96 0.48 -5.24	18.19 0.65 -6.48	26.17 1.37 -4.87	22.73 1.12 -5.60	20.55 1.02 -4.56	15.60 0.59 -5.61	14.94 0.65 -4.41	17.06 0.91 -2.78
INDECK___CORINTH 23802	24.25 1.06 -0.26	22.33 0.77 -4.05	21.44 0.73 -4.52	20.43 0.63 -4.14	21.27 0.67 -4.52	18.80 0.76 0.00	22.46 1.11 -0.03	27.54 0.89 -8.09	30.31 0.96 -10.05	32.54 1.36 -4.99	31.21 1.46 -3.25	33.52 1.23 -11.00	35.02 0.69 -21.94	34.03 0.90 -16.52	34.36 0.43 -25.18	33.69 0.43 -24.74	33.64 0.57 -21.83	38.63 0.60 -26.97	41.29 1.08 -20.29	40.23 0.90 -23.32	34.73 0.79 -18.97	33.22 0.47 -23.35	28.72 0.48 -18.37	25.59 0.64 -11.57
INDECK___ILION 23567	23.10 0.16 0.00	17.64 0.14 0.00	16.32 0.13 0.00	15.80 0.14 0.00	16.22 0.14 0.00	18.23 0.18 0.00	21.53 0.21 0.00	18.72 0.17 0.00	19.47 0.17 0.00	26.40 0.21 0.00	26.74 0.24 0.00	21.46 0.17 0.00	12.48 0.10 0.00	16.73 0.12 0.00	8.80 0.05 0.00	8.56 0.04 0.00	11.28 0.04 0.00	11.11 0.04 0.00	20.73 0.08 -0.73	16.81 0.06 -0.73	15.74 0.06 -0.71	9.90 0.04 -0.46	10.40 0.04 -0.48	14.09 0.04 -0.68



INDECK___OLEAN 23982	23.25 0.25 -0.07	18.39 -0.14 -1.03	17.29 -0.05 -1.15	16.51 -0.20 -1.05	17.01 -0.21 -1.15	18.95 0.90 0.00	21.31 -0.02 -0.01	20.25 -0.35 -2.05	21.09 -0.75 -2.55	26.12 -1.33 -1.27	26.03 -1.30 -0.82	23.12 -0.96 -2.79	17.43 -0.52 -5.57	20.09 -0.71 -4.19	14.79 -0.34 -6.39	14.50 -0.30 -6.27	16.39 -0.31 -5.47	17.54 -0.28 -6.76	24.59 -0.42 -5.08	21.58 -0.27 -5.84	19.46 -0.27 -4.75	15.07 -0.18 -5.85	14.31 -0.17 -4.60	16.18 -0.09 -2.90
INDECK___OSWEGO 23783	22.65 -0.32 -0.04	17.80 -0.28 -0.57	16.57 -0.26 -0.64	15.98 -0.27 -0.59	16.44 -0.27 -0.64	17.76 -0.29 0.00	20.98 -0.34 0.00	19.38 -0.32 -1.14	20.41 -0.31 -1.42	26.43 -0.47 -0.71	26.51 -0.45 -0.46	22.50 -0.34 -1.56	15.31 -0.17 -3.10	18.73 -0.22 -2.34	12.22 -0.09 -3.56	11.94 -0.09 -3.50	14.21 -0.09 -3.06	14.77 -0.08 -3.78	22.27 -0.14 -2.49	18.81 -0.11 -2.91	17.18 -0.10 -2.31	12.39 -0.07 -3.05	12.15 -0.06 -2.34	14.58 -0.08 -1.29
INDECK___YERKES 23781	23.25 0.25 -0.06	18.62 0.18 -0.94	17.51 0.27 -1.05	16.70 0.08 -0.96	17.20 0.08 -1.05	18.43 0.38 0.00	21.58 0.26 -0.01	20.21 -0.22 -1.87	21.08 -0.54 -2.33	26.27 -1.08 -1.16	26.30 -0.95 -0.75	23.22 -0.62 -2.55	17.17 -0.30 -5.08	20.06 -0.38 -3.83	14.42 -0.16 -5.83	14.14 -0.11 -5.73	16.15 -0.08 -4.99	17.17 -0.06 -6.17	24.39 -0.18 -4.64	21.28 -0.06 -5.33	19.30 -0.01 -4.34	14.74 0.00 -5.34	14.15 0.07 -4.20	16.25 0.23 -2.65
INDIAN POINT_GT_1 24139	24.31 1.17 -0.21	21.61 0.89 -3.21	20.61 0.84 -3.58	19.71 0.77 -3.28	20.44 0.79 -3.58	18.91 0.87 0.00	22.52 1.17 -0.03	26.09 1.13 -6.40	28.42 1.18 -7.95	31.68 1.55 -3.95	30.61 1.54 -2.57	31.20 1.21 -8.70	30.46 0.72 -17.36	30.63 0.95 -13.07	29.16 0.49 -19.92	28.58 0.49 -19.57	29.20 0.64 -17.33	33.10 0.63 -21.41	37.21 1.18 -16.11	35.48 0.96 -18.51	30.90 0.87 -15.05	28.49 0.55 -18.53	25.03 0.57 -14.58	23.32 0.76 -9.18
INDIAN POINT_GT_2 23659	24.31 1.17 -0.21	21.61 0.89 -3.21	20.61 0.84 -3.58	19.71 0.77 -3.28	20.44 0.79 -3.58	18.91 0.87 0.00	22.52 1.17 -0.03	26.09 1.13 -6.40	28.42 1.18 -7.95	31.68 1.55 -3.95	30.61 1.54 -2.57	31.20 1.21 -8.70	30.46 0.72 -17.36	30.63 0.95 -13.07	29.16 0.49 -19.92	28.58 0.49 -19.57	29.20 0.64 -17.33	33.10 0.63 -21.41	37.21 1.18 -16.11	35.48 0.96 -18.51	30.90 0.87 -15.05	28.49 0.55 -18.53	25.03 0.57 -14.58	23.32 0.76 -9.18
INDIAN POINT_GT_3 24019	24.31 1.17 -0.21	21.61 0.89 -3.21	20.61 0.84 -3.58	19.71 0.77 -3.28	20.44 0.79 -3.58	18.91 0.87 0.00	22.52 1.17 -0.03	26.09 1.13 -6.40	28.42 1.18 -7.95	31.68 1.55 -3.95	30.61 1.54 -2.57	31.20 1.21 -8.70	30.46 0.72 -17.36	30.63 0.95 -13.07	29.16 0.49 -19.92	28.58 0.49 -19.57	29.20 0.64 -17.33	33.10 0.63 -21.41	37.21 1.18 -16.11	35.48 0.96 -18.51	30.90 0.87 -15.05	28.49 0.55 -18.53	25.03 0.57 -14.58	23.32 0.76 -9.18
INDIAN POINT___2 23530	24.30 1.17 -0.20	21.48 0.87 -3.10	20.48 0.83 -3.46	19.60 0.77 -3.17	20.34 0.80 -3.46	18.93 0.88 0.00	22.52 1.17 -0.03	25.90 1.13 -6.21	28.17 1.16 -7.72	31.54 1.52 -3.83	30.51 1.51 -2.50	30.93 1.19 -8.44	29.94 0.71 -16.85	30.23 0.93 -12.68	28.55 0.47 -19.33	27.99 0.48 -18.99	28.61 0.63 -16.75	32.36 0.61 -20.69	36.67 1.18 -15.57	34.85 0.94 -17.89	30.38 0.85 -14.55	27.86 0.55 -17.91	24.53 0.56 -14.09	23.00 0.75 -8.88
INDIAN POINT___3 23531	24.36 1.22 -0.21	21.72 0.93 -3.29	20.71 0.86 -3.67	19.82 0.80 -3.36	20.56 0.82 -3.67	18.95 0.90 0.00	22.58 1.24 -0.03	26.26 1.15 -6.56	28.66 1.22 -8.15	31.83 1.60 -4.04	30.70 1.56 -2.64	31.46 1.26 -8.92	30.90 0.73 -17.79	30.99 0.98 -13.39	29.66 0.50 -20.42	29.07 0.49 -20.06	29.63 0.65 -17.74	33.63 0.64 -21.92	37.60 1.18 -16.50	35.93 0.96 -18.96	31.26 0.87 -15.42	28.95 0.56 -18.98	25.39 0.58 -14.93	23.56 0.78 -9.40
INGHAM_C_115KV_TB7 356103	23.14 0.21 0.00	17.70 0.19 0.00	16.38 0.19 0.00	15.86 0.20 0.00	16.30 0.23 0.00	18.33 0.29 0.00	21.66 0.34 0.00	18.82 0.26 0.00	19.55 0.25 0.00	26.48 0.29 0.00	26.79 0.29 0.00	21.48 0.19 0.00	12.48 0.10 0.00	16.71 0.10 0.00	8.77 0.03 0.00	8.53 0.01 0.00	11.21 -0.02 0.00	11.04 -0.02 0.00	20.59 -0.06 -0.73	16.68 -0.06 -0.73	15.64 -0.04 -0.71	9.83 -0.03 -0.46	10.33 -0.03 -0.48	14.00 -0.05 -0.68
IP CORINTH___1 23988	24.25 1.05 -0.26	22.33 0.77 -4.05	21.44 0.73 -4.52	20.43 0.63 -4.14	21.27 0.68 -4.52	18.79 0.74 0.00	22.46 1.11 -0.03	27.53 0.89 -8.08	30.30 0.96 -10.05	32.54 1.36 -4.99	31.21 1.46 -3.25	33.52 1.23 -10.99	35.01 0.69 -21.93	34.02 0.90 -16.51	34.34 0.43 -25.17	33.67 0.43 -24.72	33.66 0.57 -21.85	38.65 0.60 -26.99	41.31 1.08 -20.31	40.25 0.90 -23.35	34.75 0.79 -18.98	33.24 0.47 -23.37	28.74 0.48 -18.39	25.60 0.64 -11.58
IP___TICONDEROGA 23804	25.14 1.95 -0.26	22.97 1.42 -4.05	22.05 1.34 -4.52	20.96 1.16 -4.14	21.83 1.24 -4.52	19.42 1.37 0.00	23.36 2.00 -0.03	28.27 1.63 -8.08	31.07 1.74 -10.04	33.64 2.46 -4.98	32.40 2.65 -3.25	34.51 2.24 -10.99	35.40 1.10 -21.92	34.53 1.41 -16.50	34.57 0.67 -25.15	33.90 0.67 -24.71	33.97 0.90 -21.84	38.98 0.94 -26.98	41.92 1.69 -20.30	40.96 1.62 -23.33	35.39 1.44 -18.97	33.61 0.85 -23.36	29.12 0.87 -18.38	26.10 1.15 -11.57
ISLIP_RES_REC 323679	25.70 2.48 -0.29	22.54 1.77 -3.27	21.38 1.55 -3.64	20.36 1.36 -3.34	21.29 1.58 -3.64	19.87 1.82 0.00	23.69 2.32 -0.05	28.54 2.30 -7.69	29.84 2.35 -8.19	38.20 3.14 -8.87	35.71 2.70 -6.51	36.27 1.98 -13.00	36.06 1.29 -22.39	36.13 1.65 -17.88	35.28 0.98 -25.55	35.73 0.98 -26.23	36.94 1.27 -24.43	58.54 1.00 -46.48	91.19 1.91 -69.35	41.88 1.59 -24.29	37.28 1.57 -20.73	35.18 1.09 -24.68	33.95 1.19 -22.88	24.37 1.60 -9.39
JAMAICA__27_KV_LOAD 355505	24.34 1.19 -0.21	21.68 0.91 -3.26	20.69 0.86 -3.64	19.77 0.78 -3.33	20.51 0.80 -3.63	18.93 0.88 0.00	22.67 1.32 -0.03	26.35 1.28 -6.51	28.78 1.39 -8.09	31.99 1.78 -4.02	30.71 1.59 -2.62	31.44 1.30 -8.85	30.80 0.76 -17.66	30.89 0.98 -13.30	29.53 0.51 -20.27	28.94 0.50 -19.91	29.53 0.67 -17.62	33.51 0.67 -21.77	37.54 1.24 -16.38	35.85 1.01 -18.83	31.17 0.88 -15.31	28.81 0.55 -18.85	25.34 0.64 -14.83	23.53 0.82 -9.34
JANIS___SOLAR 323808	24.24 1.21 -0.09	19.70 0.84 -1.35	18.46 0.76 -1.51	17.75 0.71 -1.38	18.32 0.74 -1.51	19.06 1.01 0.00	22.44 1.11 -0.01	22.22 0.96 -2.70	23.67 1.02 -3.35	29.17 1.31 -1.66	28.91 1.32 -1.08	25.98 1.02 -3.67	20.32 0.62 -7.32	22.96 0.83 -5.51	17.61 0.46 -8.40	17.24 0.47 -8.25	19.01 0.66 -7.11	20.59 0.74 -8.79	27.93 1.39 -6.61	24.71 1.10 -7.60	22.19 1.03 -6.18	17.65 0.64 -7.61	16.52 0.66 -5.98	18.00 0.86 -3.77
JARVIS____ 23743	23.00 0.07 0.00	17.56 0.05 0.00	16.24 0.05 0.00	15.71 0.05 0.00	16.12 0.05 0.00	18.12 0.07 0.00	21.41 0.09 0.00	18.61 0.06 0.00	19.37 0.08 0.00	26.27 0.08 0.00	26.61 0.11 0.00	21.38 0.09 0.00	12.43 0.05 0.00	16.68 0.07 0.00	8.78 0.04 0.00	8.56 0.03 0.00	11.71 0.05 -0.43	11.64 0.04 -0.53	21.15 0.10 -1.13	17.27 0.06 -1.20	16.13 0.08 -1.08	10.36 0.04 -0.92	10.76 0.04 -0.85	14.33 0.05 -0.91

JENNISON___1 23625	24.35 1.31 -0.10	20.07 0.93 -1.63	18.83 0.83 -1.82	18.13 0.80 -1.67	18.72 0.82 -1.82	19.18 1.14 0.00	22.55 1.22 -0.01	22.85 1.04 -3.26	24.48 1.14 -4.05	29.67 1.47 -2.01	29.37 1.56 -1.31	26.95 1.23 -4.43	21.97 0.76 -8.84	24.26 1.00 -6.65	19.44 0.55 -10.14	19.03 0.55 -9.96	20.75 0.72 -8.79	22.69 0.76 -10.87	29.54 1.43 -8.18	26.54 1.14 -9.40	23.69 1.08 -7.64	19.48 0.67 -9.41	17.96 0.69 -7.40	18.93 0.90 -4.66
JENNISON___2 23626	24.35 1.31 -0.10	20.07 0.93 -1.63	18.83 0.83 -1.82	18.13 0.80 -1.67	18.72 0.82 -1.82	19.18 1.14 0.00	22.55 1.22 -0.01	22.85 1.04 -3.26	24.48 1.14 -4.05	29.67 1.47 -2.01	29.37 1.56 -1.31	26.95 1.23 -4.43	21.97 0.76 -8.84	24.26 1.00 -6.65	19.44 0.55 -10.14	19.03 0.55 -9.96	20.75 0.72 -8.79	22.69 0.76 -10.87	29.54 1.43 -8.18	26.54 1.14 -9.40	23.69 1.08 -7.64	19.48 0.67 -9.41	17.96 0.69 -7.40	18.93 0.90 -4.66
JERICHO_RISE_WT_PWR 323719	22.68 -0.25 0.00	17.38 -0.12 0.00	16.07 -0.11 0.00	15.69 0.03 0.00	16.12 0.05 0.00	18.12 0.07 0.00	21.32 0.00 0.00	18.56 0.00 0.00	19.33 0.04 0.00	26.48 0.29 0.00	26.66 0.16 0.00	21.40 0.11 0.00	12.33 -0.05 0.00	16.52 -0.10 0.00	8.65 -0.10 0.00	8.39 -0.13 0.00	11.00 -0.24 0.00	10.69 -0.38 0.00	6.63 -0.88 12.42	2.59 -0.86 12.55	2.04 -0.87 12.07	1.01 -0.58 7.81	0.96 -0.65 8.26	0.86 -0.96 11.56
KATONAH___115KV_46KV_TB4 355592	24.41 1.26 -0.21	21.79 0.98 -3.30	20.78 0.91 -3.68	19.88 0.85 -3.37	20.61 0.85 -3.68	18.98 0.94 0.00	22.61 1.26 -0.03	26.34 1.21 -6.58	28.75 1.27 -8.18	31.98 1.73 -4.06	30.87 1.72 -2.65	31.60 1.36 -8.95	31.02 0.78 -17.86	31.10 1.05 -13.44	29.77 0.53 -20.49	29.19 0.54 -20.13	29.75 0.71 -17.81	33.76 0.70 -22.00	37.78 1.30 -16.56	36.09 1.06 -19.03	31.39 0.94 -15.47	29.05 0.60 -19.05	25.47 0.61 -14.98	23.62 0.80 -9.44
KCE_NY_1 323755	24.36 1.17 -0.26	22.41 0.86 -4.05	21.51 0.81 -4.52	20.53 0.74 -4.14	21.36 0.77 -4.52	18.91 0.87 0.00	22.53 1.17 -0.03	27.60 0.96 -8.08	30.36 1.02 -10.04	32.56 1.39 -4.98	31.23 1.48 -3.25	33.51 1.23 -10.98	35.02 0.72 -21.92	34.06 0.95 -16.50	34.36 0.46 -25.15	33.68 0.45 -24.71	33.64 0.61 -21.80	38.62 0.62 -26.93	41.31 1.12 -20.27	40.21 0.91 -23.29	34.74 0.82 -18.94	33.22 0.50 -23.32	28.74 0.52 -18.34	25.64 0.71 -11.55
KCE_NY_6_ESR 323823	23.36 0.37 -0.06	18.67 0.19 -0.97	17.55 0.27 -1.08	16.73 0.08 -0.99	17.24 0.08 -1.08	18.62 0.58 0.00	21.63 0.30 -0.01	20.31 -0.19 -1.93	21.20 -0.50 -2.40	26.36 -1.02 -1.19	26.35 -0.93 -0.78	23.32 -0.60 -2.63	17.35 -0.28 -5.25	20.18 -0.38 -3.95	14.61 -0.16 -6.02	14.32 -0.12 -5.92	16.32 -0.08 -5.16	17.38 -0.06 -6.37	24.58 -0.14 -4.80	21.49 -0.03 -5.51	19.44 -0.01 -4.48	14.92 0.00 -5.52	14.27 0.06 -4.34	16.31 0.20 -2.73
KEDC_PORT_JEFF_GT2 24210	25.55 2.32 -0.30	22.43 1.66 -3.27	21.30 1.47 -3.64	20.28 1.28 -3.34	21.19 1.48 -3.64	19.76 1.72 0.00	23.57 2.20 -0.05	28.45 2.19 -7.70	29.74 2.24 -8.21	38.86 2.93 -9.74	36.17 2.46 -7.20	36.79 1.77 -13.73	36.77 1.16 -23.22	36.78 1.48 -18.69	36.12 0.89 -26.48	36.77 0.90 -27.34	38.04 1.16 -25.65	62.81 0.87 -50.88	100.31 1.61 -78.77	42.62 1.34 -25.26	38.08 1.41 -21.70	36.13 1.01 -25.72	35.69 1.12 -24.70	24.29 1.51 -9.40
KEDC_PORT_JEFF_GT3 24211	25.55 2.32 -0.30	22.43 1.66 -3.27	21.30 1.47 -3.64	20.28 1.28 -3.34	21.19 1.48 -3.64	19.76 1.72 0.00	23.57 2.20 -0.05	28.45 2.19 -7.70	29.74 2.24 -8.21	38.86 2.93 -9.74	36.17 2.46 -7.20	36.79 1.77 -13.73	36.77 1.16 -23.22	36.78 1.48 -18.69	36.12 0.89 -26.48	36.77 0.90 -27.34	38.04 1.16 -25.65	62.81 0.87 -50.88	100.31 1.61 -78.77	42.62 1.34 -25.26	38.08 1.41 -21.70	36.13 1.01 -25.72	35.69 1.12 -24.70	24.29 1.51 -9.40
KEDC_GLWD_GT4 24219	24.73 1.58 -0.21	21.93 1.16 -3.27	20.87 1.04 -3.64	19.92 0.92 -3.34	20.76 1.04 -3.64	19.22 1.17 0.00	22.89 1.54 -0.04	27.69 1.52 -7.61	28.99 1.58 -8.12	32.31 2.10 -4.02	31.11 1.99 -2.62	31.67 1.51 -8.87	31.02 0.94 -17.70	31.15 1.21 -13.32	29.73 0.66 -20.32	29.14 0.66 -19.96	29.71 0.88 -17.60	33.56 0.75 -21.74	37.72 1.44 -16.36	35.98 1.17 -18.80	31.37 1.11 -15.29	29.01 0.73 -18.88	25.57 0.77 -14.92	23.74 1.03 -9.33
KEDC_GLWD_GT5 24220	24.73 1.58 -0.21	21.93 1.16 -3.27	20.87 1.04 -3.64	19.92 0.92 -3.34	20.76 1.04 -3.64	19.22 1.17 0.00	22.89 1.54 -0.04	27.69 1.52 -7.61	28.99 1.58 -8.12	32.31 2.10 -4.02	31.11 1.99 -2.62	31.67 1.51 -8.87	31.02 0.94 -17.70	31.15 1.21 -13.32	29.73 0.66 -20.32	29.14 0.66 -19.96	29.71 0.88 -17.60	33.56 0.75 -21.74	37.72 1.44 -16.36	35.98 1.17 -18.80	31.37 1.11 -15.29	29.01 0.73 -18.88	25.57 0.77 -14.92	23.74 1.03 -9.33
KENSICO____ 23655	24.38 1.24 -0.21	21.71 0.95 -3.26	20.71 0.89 -3.64	19.80 0.81 -3.33	20.55 0.84 -3.64	18.97 0.92 0.00	22.61 1.26 -0.03	26.25 1.19 -6.50	28.63 1.25 -8.08	31.85 1.65 -4.01	30.73 1.62 -2.61	31.43 1.30 -8.84	30.78 0.76 -17.64	30.89 1.00 -13.28	29.50 0.52 -20.24	28.92 0.51 -19.88	29.51 0.67 -17.60	33.47 0.66 -21.74	37.52 1.24 -16.36	35.80 0.99 -18.80	31.16 0.90 -15.29	28.81 0.58 -18.82	25.28 0.60 -14.81	23.50 0.80 -9.33
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	24.37 1.24 -0.19	21.43 0.93 -3.00	20.37 0.84 -3.34	19.52 0.80 -3.06	20.24 0.82 -3.34	18.93 0.88 0.00	22.50 1.15 -0.03	25.61 1.08 -5.97	27.86 1.14 -7.42	31.34 1.47 -3.68	30.28 1.38 -2.40	30.52 1.11 -8.12	29.24 0.66 -16.21	29.69 0.88 -12.20	27.80 0.45 -18.60	27.26 0.47 -18.27	28.03 0.64 -16.15	31.66 0.64 -19.96	36.20 1.26 -15.02	34.25 0.98 -17.26	29.88 0.87 -14.03	27.24 0.56 -17.28	24.02 0.55 -13.59	22.71 0.78 -8.56
KIAC_JFK_GT1 23816	24.27 1.12 -0.21	21.63 0.86 -3.26	20.65 0.83 -3.64	19.74 0.75 -3.33	20.48 0.77 -3.63	18.89 0.85 0.00	22.61 1.26 -0.03	26.31 1.24 -6.51	28.74 1.35 -8.09	31.94 1.73 -4.02	30.66 1.54 -2.62	31.38 1.23 -8.85	30.77 0.72 -17.66	30.86 0.95 -13.30	29.50 0.48 -20.27	28.91 0.48 -19.91	29.50 0.64 -17.62	33.48 0.64 -21.77	37.48 1.18 -16.38	35.80 0.96 -18.83	31.12 0.84 -15.31	28.78 0.53 -18.85	25.31 0.61 -14.83	23.49 0.78 -9.34
KIAC_JFK_GT2 23817	24.27 1.12 -0.21	21.63 0.86 -3.26	20.65 0.83 -3.64	19.74 0.75 -3.33	20.48 0.77 -3.63	18.89 0.85 0.00	22.61 1.26 -0.03	26.31 1.24 -6.51	28.74 1.35 -8.09	31.94 1.73 -4.02	30.66 1.54 -2.62	31.38 1.23 -8.85	30.77 0.72 -17.66	30.86 0.95 -13.30	29.50 0.48 -20.27	28.91 0.48 -19.91	29.50 0.64 -17.62	33.48 0.64 -21.77	37.48 1.18 -16.38	35.80 0.96 -18.83	31.12 0.84 -15.31	28.78 0.53 -18.85	25.31 0.61 -14.83	23.49 0.78 -9.34
KIAC_JFK____ 323774	24.29 1.15 -0.21	21.63 0.86 -3.26	20.65 0.83 -3.64	19.74 0.75 -3.33	20.51 0.80 -3.63	18.93 0.88 0.00	22.61 1.26 -0.03	26.34 1.26 -6.52	28.75 1.35 -8.11	31.94 1.73 -4.02	30.66 1.54 -2.62	31.39 1.23 -8.87	30.80 0.72 -17.70	30.88 0.95 -13.32	29.54 0.48 -20.31	28.95 0.48 -19.95	29.47 0.64 -17.59	33.43 0.63 -21.74	37.46 1.18 -16.36	35.77 0.96 -18.80	31.10 0.84 -15.29	28.75 0.53 -18.82	25.29 0.61 -14.81	23.48 0.78 -9.33

KINTIGH____ 23543	23.13 0.14 -0.06	18.50 0.11 -0.89	17.36 0.18 -1.00	16.60 0.03 -0.91	17.12 0.05 -1.00	18.19 0.14 0.00	21.50 0.17 -0.01	20.26 -0.07 -1.78	21.04 -0.46 -2.21	26.43 -0.86 -1.10	26.42 -0.80 -0.72	23.20 -0.51 -2.42	16.99 -0.22 -4.83	19.96 -0.28 -3.63	14.19 -0.10 -5.54	13.90 -0.06 -5.44	16.02 -0.02 -4.80	16.98 -0.02 -5.94	24.31 -0.08 -4.47	21.16 0.02 -5.13	19.18 0.03 -4.17	14.57 0.03 -5.14	14.00 0.09 -4.04	16.15 0.23 -2.55
KNTFSRNC_46_KV_46KV_LOAD 80397	22.98 0.05 0.00	17.59 0.09 0.00	16.27 0.08 0.00	15.89 0.23 0.00	16.33 0.26 0.00	18.35 0.31 0.00	21.58 0.26 0.00	18.78 0.22 0.00	19.58 0.29 0.00	26.87 0.68 0.00	27.03 0.53 0.00	21.69 0.40 0.00	12.49 0.11 0.00	16.75 0.13 0.00	8.77 0.03 0.00	8.51 -0.01 0.00	11.16 -0.08 0.00	10.84 -0.22 0.00	6.73 -0.60 12.60	2.60 -0.67 12.73	2.04 -0.69 12.24	0.99 -0.49 7.92	0.94 -0.55 8.38	0.81 -0.84 11.72
LACHUTE__HYDRO 323717	25.14 1.95 -0.26	22.97 1.42 -4.05	22.05 1.34 -4.52	20.96 1.16 -4.14	21.83 1.24 -4.52	19.42 1.37 0.00	23.36 2.00 -0.03	28.27 1.63 -8.08	31.08 1.74 -10.05	33.64 2.46 -4.99	32.40 2.65 -3.25	34.52 2.23 -10.99	35.42 1.10 -21.93	34.54 1.41 -16.51	34.59 0.67 -25.17	33.92 0.67 -24.72	33.95 0.90 -21.81	38.96 0.94 -26.95	41.90 1.69 -20.28	40.94 1.62 -23.31	35.37 1.44 -18.96	33.58 0.85 -23.33	29.10 0.87 -18.36	26.09 1.15 -11.56
LAWRNCV_115KV_TB1 80681	22.53 -0.41 -0.01	17.29 -0.30 -0.08	15.99 -0.29 -0.09	15.52 -0.22 -0.08	15.92 -0.24 -0.09	17.74 -0.31 0.00	20.89 -0.43 0.00	18.35 -0.37 -0.16	19.19 -0.31 -0.20	26.03 -0.26 -0.10	26.22 -0.34 -0.07	21.13 -0.38 -0.22	12.43 -0.40 -0.45	16.42 -0.53 -0.34	8.96 -0.30 -0.51	8.73 -0.30 -0.50	11.21 -0.47 -0.44	11.11 -0.50 -0.55	8.78 -0.92 10.23	4.98 -0.75 10.28	4.38 -0.64 9.95	2.85 -0.34 6.22	2.86 -0.31 6.70	3.26 -0.45 9.66
LEDERLE____ 23769	24.34 1.22 -0.19	21.42 0.93 -2.99	20.36 0.84 -3.34	19.50 0.78 -3.06	20.21 0.80 -3.34	18.93 0.88 0.00	22.54 1.19 -0.03	25.67 1.15 -5.96	27.86 1.16 -7.41	31.42 1.55 -3.68	30.41 1.51 -2.40	30.61 1.21 -8.11	29.28 0.72 -16.18	29.74 0.95 -12.18	27.80 0.49 -18.57	27.25 0.49 -18.24	28.09 0.65 -16.20	31.72 0.64 -20.02	36.25 1.26 -15.07	34.33 1.01 -17.31	29.95 0.90 -14.08	27.31 0.57 -17.33	24.08 0.57 -13.64	22.74 0.78 -8.59
LIGHTHSE_115KV_TB6 355974	22.85 -0.11 -0.03	17.93 -0.12 -0.54	16.66 -0.13 -0.61	16.07 -0.14 -0.55	16.55 -0.13 -0.61	17.96 -0.09 0.00	21.20 -0.13 0.00	19.51 -0.13 -1.08	20.54 -0.10 -1.35	26.68 -0.18 -0.67	26.78 -0.16 -0.44	22.63 -0.13 -1.47	15.25 -0.07 -2.94	18.73 -0.10 -2.21	12.10 -0.02 -3.37	11.82 -0.02 -3.31	14.16 0.00 -2.92	14.72 0.04 -3.61	21.80 0.10 -1.77	18.26 0.08 -2.17	16.67 0.07 -1.62	11.99 0.06 -2.53	11.77 0.07 -1.83	14.12 0.08 -0.67
LINDEN COGEN____ 23786	24.34 1.19 -0.21	21.68 0.91 -3.26	20.72 0.89 -3.64	19.81 0.81 -3.34	20.60 0.88 -3.64	18.95 0.90 0.00	22.56 1.21 -0.03	26.28 1.21 -6.52	28.65 1.25 -8.11	31.81 1.60 -4.02	30.71 1.59 -2.62	31.42 1.26 -8.87	30.82 0.74 -17.70	30.92 0.98 -13.32	29.55 0.50 -20.31	28.97 0.49 -19.95	29.49 0.66 -17.59	33.42 0.62 -21.74	37.44 1.16 -16.36	35.74 0.93 -18.80	31.12 0.85 -15.29	28.78 0.55 -18.82	25.27 0.59 -14.81	23.48 0.78 -9.33
LINDHRST_69_KV_BK1 356055	25.24 2.09 -0.22	22.26 1.49 -3.27	21.14 1.31 -3.64	20.14 1.14 -3.34	20.95 1.24 -3.64	19.54 1.50 0.00	23.33 1.98 -0.03	27.04 1.97 -6.52	29.43 2.03 -8.11	33.40 2.70 -4.51	31.77 2.25 -3.02	32.29 1.72 -9.28	31.66 1.13 -18.15	31.81 1.43 -13.77	30.41 0.85 -20.81	29.93 0.84 -20.56	30.67 1.11 -18.33	36.26 0.87 -24.32	43.44 1.67 -21.84	36.80 1.39 -19.39	32.18 1.33 -15.87	29.84 0.94 -19.50	26.64 1.03 -15.74	24.11 1.39 -9.35
LIPA_MISC_IPP 23656	25.66 2.43 -0.29	22.52 1.75 -3.27	21.37 1.54 -3.64	20.34 1.35 -3.34	21.16 1.45 -3.64	19.83 1.79 0.00	23.65 2.30 -0.03	27.41 2.26 -6.59	29.79 2.32 -8.18	38.92 3.09 -9.64	36.17 2.54 -7.12	36.87 1.94 -13.64	36.75 1.26 -23.10	36.80 1.61 -18.58	36.05 0.96 -26.34	36.68 0.97 -27.18	38.05 1.26 -25.55	62.56 1.00 -50.50	99.76 1.89 -77.94	42.77 1.57 -25.19	38.10 1.50 -21.62	36.13 1.08 -25.64	34.20 1.17 -23.15	24.36 1.59 -9.40
LISF__SOLAR 323691	25.73 2.50 -0.29	22.56 1.79 -3.27	21.42 1.59 -3.64	20.37 1.38 -3.34	21.31 1.59 -3.64	19.89 1.84 0.00	23.71 2.35 -0.05	28.57 2.32 -7.69	29.85 2.35 -8.20	38.91 3.14 -9.58	36.30 2.73 -7.07	36.87 1.98 -13.60	36.75 1.30 -23.07	36.80 1.65 -18.54	36.04 0.98 -26.31	36.65 0.99 -27.14	37.95 1.29 -25.43	62.18 1.02 -50.10	99.01 1.95 -77.13	42.71 1.62 -25.08	38.08 1.59 -21.52	36.04 1.11 -25.53	34.33 1.20 -23.25	24.40 1.63 -9.39
LITTLE FALLS__HYD 24013	23.14 0.21 0.00	17.70 0.19 0.00	16.38 0.19 0.00	15.86 0.20 0.00	16.30 0.23 0.00	18.33 0.29 0.00	21.66 0.34 0.00	18.82 0.26 0.00	19.55 0.25 0.00	26.48 0.29 0.00	26.79 0.29 0.00	21.48 0.19 0.00	12.48 0.10 0.00	16.71 0.10 0.00	8.77 0.03 0.00	8.53 0.01 0.00	11.21 -0.02 0.00	11.04 -0.02 0.00	20.59 -0.06 -0.73	16.68 -0.06 -0.73	15.64 -0.04 -0.71	9.83 -0.03 -0.46	10.33 -0.03 -0.48	14.00 -0.05 -0.68
LITTLRIV_115KV_TB1 356100	22.66 -0.28 -0.01	17.40 -0.19 -0.09	16.06 -0.23 -0.10	15.61 -0.14 -0.09	16.01 -0.16 -0.10	17.85 -0.20 0.00	21.00 -0.32 0.00	18.45 -0.28 -0.18	19.32 -0.19 -0.22	26.22 -0.08 -0.11	26.41 -0.16 -0.07	21.27 -0.26 -0.24	12.55 -0.31 -0.48	16.56 -0.42 -0.36	9.05 -0.24 -0.55	8.82 -0.24 -0.54	11.32 -0.39 -0.47	11.25 -0.40 -0.58	9.22 -0.74 9.96	5.39 -0.61 10.01	4.77 -0.51 9.70	3.11 -0.25 6.04	3.12 -0.23 6.52	3.59 -0.36 9.43
LI_NEWBRDGE__DRP 323616	24.75 1.61 -0.21	21.93 1.16 -3.27	20.85 1.02 -3.64	19.87 0.88 -3.34	20.65 0.93 -3.64	19.18 1.14 0.00	22.90 1.56 -0.03	26.66 1.60 -6.51	29.04 1.64 -8.10	32.38 2.17 -4.02	30.87 1.75 -2.62	31.49 1.34 -8.85	30.93 0.88 -17.67	31.03 1.11 -13.30	29.69 0.66 -20.28	29.10 0.66 -19.92	29.72 0.87 -17.62	33.50 0.66 -21.77	37.59 1.28 -16.38	35.90 1.06 -18.83	31.31 1.02 -15.31	29.04 0.73 -18.90	25.52 0.81 -14.83	23.80 1.08 -9.34
LOCKPORT_115KV_TB60_63_64 80432	23.13 0.14 -0.06	18.54 0.12 -0.92	17.44 0.23 -1.02	16.63 0.03 -0.94	17.14 0.05 -1.02	18.46 0.42 0.00	21.48 0.15 -0.01	20.16 -0.22 -1.83	20.91 -0.66 -2.27	26.14 -1.18 -1.13	26.17 -1.06 -0.73	23.05 -0.72 -2.48	16.99 -0.35 -4.96	19.90 -0.45 -3.73	14.24 -0.19 -5.69	13.96 -0.14 -5.59	16.05 -0.12 -4.93	17.05 -0.11 -6.09	24.27 -0.24 -4.59	21.17 -0.11 -5.27	19.19 -0.07 -4.29	14.63 -0.05 -5.28	14.05 0.03 -4.15	16.19 0.20 -2.61
LOCKPORT__CC1 323769	23.16 0.16 -0.06	18.55 0.12 -0.92	17.42 0.21 -1.03	16.63 0.03 -0.94	17.13 0.03 -1.03	18.32 0.27 0.00	21.50 0.17 -0.01	20.08 -0.32 -1.83	20.96 -0.62 -2.28	26.15 -1.18 -1.13	26.15 -1.09 -0.74	23.06 -0.72 -2.49	17.01 -0.35 -4.98	19.91 -0.45 -3.75	14.27 -0.19 -5.71	13.99 -0.14 -5.61	16.00 -0.12 -4.89	17.01 -0.10 -6.04	24.21 -0.26 -4.55	21.11 -0.13 -5.23	19.15 -0.07 -4.25	14.59 -0.05 -5.23	14.02 0.03 -4.12	16.17 0.20 -2.59

LOCKPORT___CC2 323770	23.16 0.16 -0.06	18.55 0.12 -0.92	17.42 0.21 -1.03	16.63 0.03 -0.94	17.13 0.03 -1.03	18.32 0.27 0.00	21.50 0.17 -0.01	20.08 -0.32 -1.83	20.96 -0.62 -2.28	26.15 -1.18 -1.13	26.15 -1.09 -0.74	23.06 -0.72 -2.49	17.01 -0.35 -4.98	19.91 -0.45 -3.75	14.27 -0.19 -5.71	13.99 -0.14 -5.61	16.00 -0.12 -4.89	17.01 -0.10 -6.04	24.21 -0.26 -4.55	21.11 -0.13 -5.23	19.15 -0.07 -4.25	14.59 -0.05 -5.23	14.02 0.03 -4.12	16.17 0.20 -2.59
LOCKPORT___CC3 323771	23.16 0.16 -0.06	18.55 0.12 -0.92	17.42 0.21 -1.03	16.63 0.03 -0.94	17.13 0.03 -1.03	18.32 0.27 0.00	21.50 0.17 -0.01	20.08 -0.32 -1.83	20.96 -0.62 -2.28	26.15 -1.18 -1.13	26.15 -1.09 -0.74	23.06 -0.72 -2.49	17.01 -0.35 -4.98	19.91 -0.45 -3.75	14.27 -0.19 -5.71	13.99 -0.14 -5.61	16.00 -0.12 -4.89	17.01 -0.10 -6.04	24.21 -0.26 -4.55	21.11 -0.13 -5.23	19.15 -0.07 -4.25	14.59 -0.05 -5.23	14.02 0.03 -4.12	16.17 0.20 -2.59
LONG_LAKE_PHOENIX 24014	22.86 -0.11 -0.04	17.99 -0.12 -0.61	16.75 -0.11 -0.68	16.16 -0.13 -0.62	16.63 -0.13 -0.68	17.94 -0.11 0.00	21.18 -0.15 -0.01	19.66 -0.11 -1.22	20.71 -0.10 -1.51	26.76 -0.18 -0.75	26.83 -0.16 -0.49	22.84 -0.11 -1.66	15.65 -0.04 -3.30	19.07 -0.03 -2.49	12.55 0.01 -3.79	12.26 0.02 -3.72	14.57 0.04 -3.29	15.18 0.06 -4.06	23.08 0.10 -3.06	19.60 0.08 -3.51	17.91 0.07 -2.86	12.97 0.05 -3.52	12.69 0.05 -2.77	15.18 0.07 -1.74
LOVETT___3 23632	24.23 1.10 -0.19	21.34 0.84 -2.99	20.30 0.78 -3.34	19.44 0.72 -3.06	20.15 0.74 -3.34	18.86 0.81 0.00	22.45 1.11 -0.03	25.60 1.08 -5.97	27.80 1.08 -7.42	31.32 1.44 -3.68	30.31 1.40 -2.40	30.54 1.13 -8.12	29.25 0.67 -16.20	29.69 0.88 -12.20	27.79 0.45 -18.59	27.24 0.45 -18.26	28.05 0.61 -16.21	31.68 0.59 -20.03	36.15 1.16 -15.07	34.26 0.93 -17.32	29.88 0.82 -14.09	27.27 0.53 -17.34	24.05 0.53 -13.64	22.68 0.71 -8.59
LOVETT___4 23642	24.23 1.10 -0.19	21.34 0.84 -2.99	20.30 0.78 -3.34	19.44 0.72 -3.06	20.15 0.74 -3.34	18.86 0.81 0.00	22.45 1.11 -0.03	25.60 1.08 -5.97	27.80 1.08 -7.42	31.32 1.44 -3.68	30.31 1.40 -2.40	30.54 1.13 -8.12	29.25 0.67 -16.20	29.69 0.88 -12.20	27.79 0.45 -18.59	27.24 0.45 -18.26	28.05 0.61 -16.21	31.68 0.59 -20.03	36.15 1.16 -15.07	34.26 0.93 -17.32	29.88 0.82 -14.09	27.27 0.53 -17.34	24.05 0.53 -13.64	22.68 0.71 -8.59
LOVETT___5 23593	24.23 1.10 -0.19	21.34 0.84 -2.99	20.30 0.78 -3.34	19.44 0.72 -3.06	20.15 0.74 -3.34	18.86 0.81 0.00	22.45 1.11 -0.03	25.60 1.08 -5.97	27.80 1.08 -7.42	31.32 1.44 -3.68	30.31 1.40 -2.40	30.54 1.13 -8.12	29.25 0.67 -16.20	29.69 0.88 -12.20	27.79 0.45 -18.59	27.24 0.45 -18.26	28.05 0.61 -16.21	31.68 0.59 -20.03	36.15 1.16 -15.07	34.26 0.93 -17.32	29.88 0.82 -14.09	27.27 0.53 -17.34	24.05 0.53 -13.64	22.68 0.71 -8.59
LOWER RAQUET___HYD 24057	22.50 -0.44 -0.01	17.28 -0.31 -0.09	15.97 -0.32 -0.10	15.52 -0.23 -0.10	15.92 -0.26 -0.10	17.72 -0.32 0.00	20.87 -0.45 0.00	18.35 -0.39 -0.19	19.20 -0.33 -0.23	26.04 -0.26 -0.11	26.23 -0.35 -0.07	21.12 -0.43 -0.25	12.45 -0.43 -0.50	16.40 -0.60 -0.38	9.00 -0.32 -0.58	8.76 -0.33 -0.57	11.27 -0.52 -0.55	11.20 -0.54 -0.68	9.24 -1.02 9.67	5.49 -0.82 9.70	4.85 -0.70 9.42	3.23 -0.36 5.82	3.24 -0.33 6.31	3.71 -0.48 9.18
LOWER___HUDSON 24059	24.18 0.99 -0.26	22.25 0.74 -4.01	21.35 0.70 -4.47	20.40 0.64 -4.10	21.22 0.67 -4.47	18.80 0.76 0.00	22.34 0.98 -0.03	27.37 0.82 -8.00	30.08 0.85 -9.94	32.30 1.18 -4.93	30.94 1.22 -3.22	33.16 1.00 -10.87	34.66 0.58 -21.69	33.73 0.78 -16.33	34.02 0.38 -24.90	33.35 0.37 -24.46	33.31 0.49 -21.58	38.22 0.50 -26.66	40.89 0.90 -20.06	39.79 0.72 -23.06	34.40 0.67 -18.75	32.90 0.41 -23.08	28.47 0.43 -18.16	25.41 0.60 -11.44
LOWVILLE_115KV_TB2 356335	22.99 0.05 -0.01	17.71 -0.02 -0.22	16.37 -0.06 -0.24	15.85 -0.03 -0.22	16.28 -0.03 -0.24	18.06 0.02 0.00	21.34 0.02 0.00	18.97 -0.02 -0.43	19.93 0.10 -0.54	26.59 0.13 -0.27	26.78 0.11 -0.17	21.90 0.02 -0.59	13.54 -0.02 -1.18	17.47 -0.03 -0.89	10.11 0.01 -1.35	9.89 0.03 -1.33	12.44 0.03 -1.17	12.60 0.09 -1.45	18.76 0.20 1.37	14.92 0.14 1.23	13.77 0.16 1.37	9.23 0.11 0.29	9.34 0.12 0.65	11.80 0.09 1.67
LUTHERFT_115KV_GLOB_FND_222 355753	24.34 1.15 -0.26	22.41 0.86 -4.05	21.51 0.81 -4.52	20.52 0.72 -4.14	21.35 0.76 -4.52	18.89 0.85 0.00	22.53 1.17 -0.03	27.58 0.95 -8.07	30.33 1.00 -10.03	32.56 1.39 -4.98	31.20 1.46 -3.25	33.48 1.21 -10.98	34.99 0.71 -21.90	34.03 0.93 -16.49	34.34 0.45 -25.14	33.66 0.45 -24.69	33.65 0.60 -21.82	38.63 0.61 -26.96	41.31 1.10 -20.29	40.22 0.90 -23.32	34.74 0.81 -18.96	33.24 0.50 -23.34	28.75 0.51 -18.36	25.63 0.70 -11.56
LUTHERNY_35_KV_BK2 355980	24.36 1.17 -0.26	22.41 0.86 -4.05	21.51 0.81 -4.52	20.53 0.74 -4.14	21.36 0.77 -4.52	18.91 0.87 0.00	22.53 1.17 -0.03	27.59 0.96 -8.07	30.35 1.02 -10.03	32.56 1.39 -4.98	31.23 1.48 -3.25	33.50 1.23 -10.98	35.00 0.72 -21.90	34.05 0.95 -16.49	34.34 0.46 -25.14	33.66 0.45 -24.69	33.66 0.61 -21.82	38.64 0.62 -26.96	41.33 1.12 -20.29	40.24 0.91 -23.32	34.76 0.82 -18.96	33.24 0.50 -23.34	28.76 0.52 -18.36	25.65 0.71 -11.56
LWR___OSWEGATCHIE_HYD 23850	22.58 -0.37 -0.01	17.40 -0.28 -0.17	16.07 -0.31 -0.19	15.58 -0.25 -0.18	15.99 -0.27 -0.19	17.76 -0.29 0.00	20.96 -0.36 0.00	18.57 -0.33 -0.34	19.47 -0.25 -0.43	26.14 -0.26 -0.21	26.32 -0.32 -0.14	21.42 -0.34 -0.47	12.99 -0.32 -0.93	16.88 -0.43 -0.70	9.60 -0.22 -1.07	9.37 -0.20 -1.05	11.85 -0.31 -0.93	11.92 -0.29 -1.15	13.53 -0.52 5.88	9.75 -0.43 5.82	8.87 -0.36 5.75	5.98 -0.18 3.25	6.01 -0.16 3.70	7.31 -0.28 5.78
LYONS_FALL_HYD 23570	23.13 0.18 -0.01	17.80 0.11 -0.19	16.45 0.05 -0.21	15.91 0.06 -0.19	16.37 0.08 -0.21	18.19 0.14 0.00	21.47 0.15 0.00	19.04 0.11 -0.38	19.99 0.23 -0.47	26.71 0.29 -0.23	26.97 0.32 -0.15	22.01 0.21 -0.51	13.50 0.10 -1.02	17.51 0.13 -0.77	10.01 0.10 -1.17	9.77 0.10 -1.15	12.58 0.14 -1.21	12.73 0.18 -1.49	20.05 0.36 0.23	16.20 0.27 0.08	14.98 0.27 0.27	10.01 0.17 -0.44	10.18 0.19 -0.12	12.94 0.19 0.62
MADISON___COUNTY_LFGE 323628	23.50 0.55 -0.02	18.13 0.37 -0.26	16.78 0.31 -0.28	16.23 0.31 -0.26	16.68 0.32 -0.28	18.46 0.42 0.00	21.81 0.49 0.00	19.47 0.41 -0.51	20.45 0.52 -0.63	27.16 0.65 -0.31	27.42 0.72 -0.20	22.53 0.55 -0.69	14.10 0.33 -1.38	18.12 0.47 -1.04	10.60 0.27 -1.58	10.35 0.27 -1.56	12.99 0.38 -1.37	13.18 0.42 -1.70	21.98 0.78 -1.28	18.10 0.62 -1.47	16.77 0.60 -1.19	11.24 0.37 -1.47	11.40 0.38 -1.16	14.57 0.47 -0.73
MALONE___115KV_TB1 356076	22.80 -0.14 0.00	17.45 -0.05 0.00	16.14 -0.05 0.00	15.74 0.08 0.00	16.15 0.08 0.00	18.15 0.11 0.00	21.34 0.02 0.00	18.59 0.04 0.00	19.39 0.10 0.00	26.61 0.42 0.00	26.79 0.29 0.00	21.48 0.19 0.00	12.35 -0.04 0.00	16.55 -0.07 0.00	8.68 -0.07 0.00	8.42 -0.10 0.00	11.03 -0.20 0.00	10.74 -0.32 0.00	7.33 -0.74 11.86	3.32 -0.70 11.98	2.76 -0.69 11.52	1.49 -0.46 7.46	1.49 -0.49 7.89	1.58 -0.76 11.03

MAPLEWOD_115KV_TB3 80458	24.20 1.01 -0.25	22.25 0.77 -3.97	21.33 0.71 -4.43	20.38 0.66 -4.06	21.20 0.69 -4.43	18.82 0.78 0.00	22.38 1.02 -0.03	27.31 0.84 -7.92	30.02 0.89 -9.84	32.26 1.18 -4.88	30.93 1.25 -3.18	33.08 1.02 -10.77	34.46 0.59 -21.49	33.59 0.80 -16.17	33.80 0.39 -24.66	33.13 0.38 -24.22	33.16 0.52 -21.41	38.02 0.51 -26.45	40.76 0.94 -19.90	39.64 0.75 -22.87	34.26 0.69 -18.60	32.72 0.42 -22.90	28.34 0.45 -18.01	25.35 0.63 -11.35
MAPLE_RIDGE_WT_1 323574	22.73 -0.21 0.00	17.40 -0.10 0.00	16.12 -0.06 0.00	15.61 -0.05 0.00	16.03 -0.05 0.00	17.99 -0.05 0.00	21.24 -0.08 0.00	18.45 -0.11 0.00	19.08 -0.21 0.00	25.93 -0.26 0.00	25.94 -0.56 0.00	20.78 -0.51 0.00	12.01 -0.37 0.00	16.03 -0.58 0.00	8.40 -0.35 0.00	8.15 -0.37 0.00	10.71 -0.53 0.00	10.52 -0.54 0.00	0.00 -0.94 18.99	-3.95 -0.77 19.19	-4.21 -0.73 18.45	-3.00 -0.46 11.94	-3.25 -0.49 12.63	-4.96 -0.67 17.67
MAPLE_RIDGE_WT_2 323611	22.73 -0.21 0.00	17.40 -0.10 0.00	16.12 -0.06 0.00	15.61 -0.05 0.00	16.03 -0.05 0.00	17.99 -0.05 0.00	21.24 -0.08 0.00	18.45 -0.11 0.00	19.08 -0.21 0.00	25.93 -0.26 0.00	25.94 -0.56 0.00	20.78 -0.51 0.00	12.01 -0.37 0.00	16.03 -0.58 0.00	8.40 -0.35 0.00	8.15 -0.37 0.00	10.71 -0.53 0.00	10.52 -0.54 0.00	0.00 -0.94 18.99	-3.95 -0.77 19.19	-4.21 -0.73 18.45	-3.00 -0.46 11.94	-3.25 -0.49 12.63	-4.96 -0.67 17.67
MARBLE_RIVER_WT_PWR 323696	22.73 -0.21 0.00	17.42 -0.09 0.00	16.12 -0.06 0.00	15.72 0.06 0.00	16.17 0.10 0.00	18.17 0.13 0.00	21.38 0.06 0.00	18.61 0.06 0.00	19.39 0.10 0.00	26.56 0.37 0.00	26.74 0.24 0.00	21.46 0.17 0.00	12.37 -0.01 0.00	16.56 -0.05 0.00	8.68 -0.07 0.00	8.42 -0.10 0.00	11.03 -0.20 0.00	10.72 -0.34 0.00	6.44 -0.82 12.66	2.38 -0.83 12.80	1.83 -0.84 12.30	0.87 -0.57 7.96	0.81 -0.64 8.42	0.65 -0.95 11.78
MARSHVLE_115KV_TB1 80742	24.69 1.49 -0.26	22.68 1.10 -4.07	21.78 1.05 -4.54	20.74 0.92 -4.16	21.60 0.98 -4.54	19.16 1.12 0.00	22.98 1.62 -0.03	27.99 1.32 -8.12	30.74 1.35 -10.09	32.96 1.75 -5.01	31.51 1.75 -3.27	33.78 1.45 -11.04	35.23 0.82 -22.03	34.31 1.11 -16.59	34.59 0.56 -25.29	33.97 0.61 -24.84	34.04 0.85 -21.95	39.09 0.91 -27.12	42.01 1.67 -20.41	40.83 1.36 -23.45	35.24 1.20 -19.07	33.58 0.70 -23.48	29.05 0.70 -18.47	25.92 0.91 -11.63
MARSH_HILL_WT_PWR 323713	23.90 0.89 -0.07	19.15 0.54 -1.10	17.97 0.55 -1.23	17.18 0.39 -1.13	17.71 0.40 -1.23	18.89 0.85 0.00	22.01 0.68 -0.01	21.10 0.35 -2.20	22.14 0.12 -2.73	27.47 -0.08 -1.35	27.33 -0.05 -0.88	24.26 -0.02 -2.99	18.35 0.01 -5.96	21.10 0.00 -4.49	15.61 0.03 -6.84	15.29 0.05 -6.72	17.23 0.16 -5.84	18.47 0.19 -7.22	25.72 0.36 -5.43	22.59 0.34 -6.24	20.35 0.30 -5.08	15.85 0.20 -6.25	15.02 0.23 -4.92	16.86 0.39 -3.10
MCINTYRE_115KV_TB2 80467	22.73 -0.21 -0.01	17.46 -0.12 -0.08	16.11 -0.16 -0.09	15.66 -0.08 -0.08	16.05 -0.11 -0.09	17.88 -0.16 0.00	21.06 -0.26 0.00	18.47 -0.24 -0.16	19.34 -0.15 -0.20	26.26 -0.03 -0.10	26.46 -0.11 -0.06	21.31 -0.19 -0.22	12.58 -0.24 -0.43	16.61 -0.33 -0.32	9.06 -0.18 -0.49	8.82 -0.19 -0.49	11.35 -0.31 -0.43	11.27 -0.32 -0.53	8.98 -0.58 10.36	5.13 -0.46 10.42	4.52 -0.37 10.09	2.90 -0.20 6.31	2.90 -0.18 6.80	3.30 -0.29 9.79
MECO____69_KV_BK1 80468	25.12 1.93 -0.26	22.98 1.40 -4.07	22.07 1.34 -4.54	21.00 1.17 -4.16	21.89 1.27 -4.54	19.47 1.43 0.00	23.42 2.07 -0.03	28.35 1.67 -8.12	31.10 1.72 -10.09	33.48 2.28 -5.01	32.02 2.25 -3.27	34.23 1.89 -11.04	35.51 1.09 -22.03	34.71 1.51 -16.59	34.79 0.76 -25.29	34.17 0.81 -24.84	34.31 1.12 -21.95	39.34 1.16 -27.12	42.47 2.13 -20.41	41.19 1.73 -23.45	35.56 1.51 -19.07	33.76 0.87 -23.48	29.23 0.89 -18.47	26.16 1.15 -11.63
MENANDS__115KV_TB5 355628	24.15 0.96 -0.25	22.19 0.72 -3.97	21.27 0.66 -4.42	20.34 0.63 -4.05	21.16 0.66 -4.42	18.79 0.74 0.00	22.31 0.96 -0.03	27.26 0.80 -7.91	29.95 0.83 -9.83	32.20 1.13 -4.88	30.85 1.17 -3.18	33.00 0.96 -10.75	34.41 0.57 -21.46	33.53 0.76 -16.15	33.74 0.37 -24.62	33.07 0.36 -24.19	33.10 0.48 -21.38	37.95 0.48 -26.41	40.66 0.86 -19.87	39.54 0.69 -22.84	34.19 0.64 -18.57	32.66 0.39 -22.86	28.29 0.42 -17.99	25.29 0.59 -11.33
MG INDUSTRY__DRP 24185	24.15 0.96 -0.25	22.13 0.74 -3.89	21.21 0.68 -4.34	20.28 0.64 -3.98	21.08 0.66 -4.34	18.79 0.74 0.00	22.31 0.96 -0.03	27.10 0.78 -7.76	29.75 0.81 -9.65	32.06 1.07 -4.79	30.74 1.11 -3.12	32.76 0.92 -10.56	33.99 0.54 -21.06	33.20 0.73 -15.86	33.28 0.36 -24.17	32.62 0.35 -23.75	32.68 0.46 -20.99	37.46 0.46 -25.93	40.27 0.84 -19.51	39.11 0.67 -22.43	33.84 0.63 -18.24	32.24 0.39 -22.45	27.95 0.41 -17.66	25.07 0.58 -11.12
MID__OSWEGATCHIE_HYD 23849	22.58 -0.37 -0.01	17.40 -0.28 -0.17	16.07 -0.31 -0.19	15.58 -0.25 -0.18	15.99 -0.27 -0.19	17.76 -0.29 0.00	20.96 -0.36 0.00	18.57 -0.33 -0.34	19.47 -0.25 -0.43	26.14 -0.26 -0.21	26.32 -0.32 -0.14	21.42 -0.34 -0.47	12.99 -0.32 -0.93	16.88 -0.43 -0.70	9.60 -0.22 -1.07	9.37 -0.20 -1.05	11.85 -0.31 -0.93	11.92 -0.29 -1.15	13.53 -0.52 5.88	9.75 -0.43 5.82	8.87 -0.36 5.75	5.98 -0.18 3.25	6.01 -0.16 3.70	7.31 -0.28 5.78
MID__RAQUETTE_HYD 23851	22.50 -0.44 -0.01	17.28 -0.32 -0.09	15.97 -0.32 -0.10	15.52 -0.23 -0.10	15.92 -0.26 -0.10	17.72 -0.32 0.00	20.87 -0.45 0.00	18.35 -0.39 -0.19	19.20 -0.33 -0.23	26.04 -0.26 -0.11	26.23 -0.34 -0.07	21.12 -0.43 -0.25	12.45 -0.43 -0.50	16.39 -0.60 -0.38	9.00 -0.32 -0.58	8.76 -0.33 -0.57	11.22 -0.52 -0.50	11.14 -0.54 -0.62	9.19 -1.02 9.72	5.44 -0.82 9.75	4.81 -0.70 9.46	3.18 -0.36 5.87	3.20 -0.33 6.35	3.69 -0.48 9.21
MILLIKEN__1 23584	23.76 0.76 -0.07	19.14 0.53 -1.11	17.91 0.49 -1.24	17.21 0.42 -1.13	17.76 0.45 -1.24	18.70 0.65 0.00	22.01 0.68 -0.01	21.42 0.65 -2.21	22.70 0.66 -2.75	28.34 0.79 -1.36	28.21 0.82 -0.89	24.98 0.68 -3.00	18.80 0.42 -5.99	21.71 0.58 -4.51	15.96 0.33 -6.88	15.62 0.34 -6.76	17.70 0.49 -5.97	18.95 0.52 -7.37	26.43 0.96 -5.55	23.15 0.77 -6.38	20.88 0.72 -5.18	16.23 0.44 -6.38	15.35 0.45 -5.02	17.15 0.62 -3.16
MILLIKEN__2 23585	23.76 0.76 -0.07	19.14 0.53 -1.11	17.91 0.49 -1.24	17.21 0.42 -1.13	17.76 0.45 -1.24	18.70 0.65 0.00	22.01 0.68 -0.01	21.42 0.65 -2.21	22.70 0.66 -2.75	28.34 0.79 -1.36	28.21 0.82 -0.89	24.98 0.68 -3.00	18.80 0.42 -5.99	21.71 0.58 -4.51	15.96 0.33 -6.88	15.62 0.34 -6.76	17.70 0.49 -5.97	18.95 0.52 -7.37	26.43 0.96 -5.55	23.15 0.77 -6.38	20.88 0.72 -5.18	16.23 0.44 -6.38	15.35 0.45 -5.02	17.15 0.62 -3.16
MILLIKEN__DIESEL 23629	23.76 0.76 -0.07	19.14 0.53 -1.11	17.91 0.49 -1.24	17.21 0.42 -1.13	17.76 0.45 -1.24	18.70 0.65 0.00	22.01 0.68 -0.01	21.42 0.65 -2.21	22.70 0.66 -2.75	28.34 0.79 -1.36	28.21 0.82 -0.89	24.98 0.68 -3.00	18.80 0.42 -5.99	21.71 0.58 -4.51	15.96 0.33 -6.88	15.62 0.34 -6.76	17.70 0.49 -5.97	18.95 0.52 -7.37	26.43 0.96 -5.55	23.15 0.77 -6.38	20.88 0.72 -5.18	16.23 0.44 -6.38	15.35 0.45 -5.02	17.15 0.62 -3.16

MILLSEAT___LFGE 323607	23.43 0.43 -0.06	18.72 0.32 -0.90	17.56 0.37 -1.00	16.78 0.20 -0.92	17.28 0.21 -1.00	18.50 0.45 0.00	21.71 0.38 -0.01	20.29 -0.06 -1.79	21.27 -0.25 -2.23	26.64 -0.65 -1.10	26.64 -0.58 -0.72	23.36 -0.36 -2.43	17.10 -0.14 -4.86	20.12 -0.15 -3.66	14.28 -0.03 -5.57	14.00 0.00 -5.48	16.08 0.07 -4.77	17.07 0.11 -5.90	24.54 0.18 -4.44	21.30 0.19 -5.10	19.32 0.19 -4.15	14.62 0.11 -5.11	14.08 0.19 -4.02	16.29 0.39 -2.53
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	24.34 1.19 -0.21	21.68 0.93 -3.24	20.66 0.86 -3.62	19.77 0.80 -3.31	20.51 0.82 -3.62	18.95 0.90 0.00	22.56 1.22 -0.03	26.17 1.15 -6.47	28.53 1.20 -8.04	31.78 1.60 -3.99	30.66 1.56 -2.60	31.34 1.26 -8.79	30.66 0.73 -17.54	30.78 0.96 -13.21	29.38 0.50 -20.13	28.79 0.49 -19.78	29.40 0.66 -17.50	33.33 0.64 -21.63	37.39 1.20 -16.27	35.67 0.96 -18.70	31.07 0.88 -15.21	28.69 0.56 -18.72	25.18 0.58 -14.73	23.43 0.78 -9.28
MILLWOOD_13_KV_LOAD 356217	24.38 1.24 -0.21	21.69 0.95 -3.24	20.69 0.89 -3.62	19.80 0.83 -3.31	20.53 0.84 -3.62	18.97 0.92 0.00	22.58 1.24 -0.03	26.21 1.19 -6.47	28.57 1.23 -8.04	31.83 1.65 -3.99	30.74 1.64 -2.60	31.38 1.30 -8.79	30.68 0.76 -17.54	30.83 1.01 -13.21	29.39 0.52 -20.13	28.82 0.52 -19.78	29.42 0.69 -17.50	33.35 0.66 -21.63	37.45 1.26 -16.27	35.72 1.01 -18.70	31.10 0.91 -15.21	28.71 0.58 -18.72	25.20 0.60 -14.73	23.44 0.79 -9.28
MODEL_CITY_ENERGY 24167	22.97 -0.02 -0.06	18.43 0.00 -0.93	17.34 0.11 -1.03	16.54 -0.06 -0.95	17.04 -0.06 -1.03	18.17 0.13 0.00	21.31 -0.02 -0.01	19.90 -0.50 -1.85	20.78 -0.81 -2.30	25.89 -1.44 -1.14	25.86 -1.38 -0.74	22.84 -0.96 -2.51	16.92 -0.47 -5.01	19.77 -0.61 -3.77	14.23 -0.27 -5.75	13.95 -0.22 -5.65	15.94 -0.22 -4.93	16.94 -0.21 -6.09	24.05 -0.46 -4.58	20.98 -0.29 -5.26	19.01 -0.24 -4.28	14.54 -0.13 -5.27	13.95 -0.07 -4.14	16.08 0.09 -2.61
MODERN_LFGE___ 323580	22.97 -0.02 -0.06	18.43 0.00 -0.93	17.34 0.11 -1.03	16.54 -0.06 -0.95	17.04 -0.06 -1.03	18.17 0.13 0.00	21.31 -0.02 -0.01	19.90 -0.50 -1.85	20.78 -0.81 -2.30	25.89 -1.44 -1.14	25.86 -1.38 -0.74	22.84 -0.96 -2.51	16.92 -0.47 -5.01	19.77 -0.61 -3.77	14.23 -0.27 -5.75	13.95 -0.22 -5.65	15.94 -0.22 -4.93	16.94 -0.21 -6.09	24.05 -0.46 -4.58	20.98 -0.29 -5.26	19.01 -0.24 -4.28	14.54 -0.13 -5.27	13.95 -0.07 -4.14	16.08 0.09 -2.61
MOHAWK_PAPER___DRP 24187	24.20 1.01 -0.25	22.25 0.77 -3.97	21.33 0.71 -4.43	20.38 0.66 -4.06	21.20 0.69 -4.43	18.82 0.78 0.00	22.38 1.02 -0.03	27.31 0.84 -7.92	30.02 0.89 -9.84	32.26 1.18 -4.88	30.93 1.25 -3.18	33.08 1.02 -10.77	34.46 0.59 -21.49	33.59 0.80 -16.17	33.80 0.39 -24.66	33.13 0.38 -24.22	33.16 0.52 -21.41	38.02 0.51 -26.45	40.76 0.94 -19.90	39.64 0.75 -22.87	34.26 0.69 -18.60	32.72 0.42 -22.90	28.34 0.45 -18.01	25.35 0.63 -11.35
MOHICAN___35_KV_115KV_LD 80490	24.39 1.19 -0.26	22.43 0.88 -4.05	21.53 0.83 -4.52	20.52 0.72 -4.14	21.36 0.77 -4.52	18.89 0.85 0.00	22.59 1.24 -0.03	27.63 1.00 -8.08	30.39 1.06 -10.04	32.67 1.49 -4.98	31.36 1.62 -3.25	33.63 1.36 -10.98	35.05 0.76 -21.91	34.11 1.00 -16.49	34.36 0.47 -25.15	33.70 0.48 -24.70	33.69 0.63 -21.83	38.69 0.65 -26.97	41.40 1.18 -20.30	40.33 0.99 -23.33	34.83 0.88 -18.97	33.28 0.53 -23.35	28.79 0.54 -18.37	25.67 0.72 -11.57
MONGAUP___HYD 23641	24.24 1.12 -0.18	21.21 0.84 -2.86	20.14 0.76 -3.19	19.30 0.72 -2.93	20.02 0.76 -3.19	18.84 0.79 0.00	22.39 1.04 -0.02	25.68 1.17 -5.96	27.92 1.22 -7.41	31.44 1.57 -3.68	30.38 1.48 -2.40	30.58 1.19 -8.10	29.26 0.71 -16.17	29.71 0.93 -12.17	27.79 0.49 -18.55	27.26 0.51 -18.23	28.00 0.70 -16.07	31.64 0.72 -19.85	36.28 1.41 -14.94	34.25 1.07 -17.17	29.90 0.96 -13.96	27.20 0.61 -17.19	23.99 0.59 -13.52	22.75 0.86 -8.52
MONTAUK___DIESEL 23721	26.41 3.19 -0.29	23.08 2.31 -3.27	21.89 2.06 -3.64	20.81 1.82 -3.34	21.66 1.94 -3.64	20.43 2.38 0.00	24.38 3.03 -0.03	28.04 2.89 -6.59	30.49 3.01 -8.18	39.92 4.11 -9.62	37.29 3.68 -7.11	37.79 2.87 -13.62	37.27 1.81 -23.08	37.48 2.31 -18.56	36.39 1.32 -26.32	36.99 1.31 -27.16	38.50 1.74 -25.52	62.94 1.47 -50.40	100.46 2.81 -77.72	43.48 2.31 -25.17	38.75 2.17 -21.60	36.48 1.46 -25.62	34.63 1.55 -23.20	24.85 2.07 -9.40
MOONROAD_115KV_HARTFLD_TB1-2 355988	23.66 0.67 -0.06	18.98 0.47 -1.00	17.81 0.50 -1.12	16.93 0.25 -1.02	17.39 0.19 -1.12	18.89 0.85 0.00	21.52 0.19 -0.01	20.39 -0.17 -2.00	21.16 -0.62 -2.49	26.22 -1.20 -1.23	26.11 -1.19 -0.80	23.09 -0.92 -2.72	17.29 -0.52 -5.43	19.95 -0.75 -4.08	14.60 -0.37 -6.23	14.32 -0.32 -6.12	16.30 -0.34 -5.40	17.42 -0.31 -6.67	24.45 -0.50 -5.02	21.49 -0.29 -5.77	19.44 -0.22 -4.69	15.06 -0.12 -5.78	14.37 -0.05 -4.54	16.32 0.08 -2.86
MORTIMER_115KV_TB3 55949	23.33 0.34 -0.05	18.53 0.21 -0.82	17.31 0.21 -0.91	16.62 0.13 -0.83	17.13 0.14 -0.91	18.28 0.23 0.00	21.60 0.28 -0.01	20.33 0.15 -1.63	21.33 0.02 -2.02	27.12 -0.08 -1.00	27.15 0.00 -0.65	23.54 0.04 -2.21	16.88 0.09 -4.41	20.08 0.15 -3.32	13.92 0.11 -5.06	13.61 0.12 -4.97	15.83 0.20 -4.39	16.72 0.23 -5.42	24.44 0.44 -4.08	21.05 0.35 -4.69	19.12 0.33 -3.81	14.29 0.19 -4.69	13.80 0.24 -3.69	16.06 0.36 -2.33
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	24.45 1.31 -0.21	21.77 1.00 -3.26	20.77 0.94 -3.64	19.86 0.86 -3.34	20.60 0.88 -3.64	19.00 0.96 0.00	22.67 1.32 -0.03	26.31 1.24 -6.51	28.70 1.31 -8.09	31.94 1.73 -4.02	30.81 1.70 -2.62	31.51 1.36 -8.85	30.84 0.79 -17.66	30.96 1.05 -13.30	29.56 0.54 -20.27	28.97 0.54 -19.91	29.57 0.71 -17.62	33.52 0.69 -21.77	37.56 1.26 -16.38	35.86 1.02 -18.83	31.21 0.93 -15.31	28.85 0.60 -18.85	25.33 0.63 -14.83	23.56 0.84 -9.34
MUNSVILLE_WIND_PWR 323609	24.80 1.77 -0.10	20.24 1.24 -1.49	18.95 1.10 -1.67	18.26 1.08 -1.53	18.87 1.12 -1.67	19.53 1.48 0.00	22.97 1.64 -0.01	22.91 1.37 -2.98	24.56 1.56 -3.70	30.05 2.02 -1.84	29.82 2.12 -1.20	27.00 1.66 -4.05	21.45 0.99 -8.08	23.99 1.30 -6.08	18.73 0.71 -9.27	18.32 0.69 -9.11	20.04 0.90 -7.90	21.81 0.98 -9.76	29.10 1.83 -7.35	25.89 1.44 -8.44	23.22 1.38 -6.86	18.70 0.85 -8.45	17.40 0.88 -6.65	18.67 1.11 -4.19
N SALMON___HYD 24042	22.80 -0.14 0.00	17.45 -0.05 0.00	16.14 -0.05 0.00	15.74 0.08 0.00	16.15 0.08 0.00	18.15 0.11 0.00	21.34 0.02 0.00	18.59 0.04 0.00	19.39 0.10 0.00	26.61 0.42 0.00	26.79 0.29 0.00	21.48 0.19 0.00	12.35 -0.04 0.00	16.55 -0.07 0.00	8.68 -0.07 0.00	8.42 -0.10 0.00	11.03 -0.20 0.00	10.74 -0.32 0.00	7.33 -0.74 11.86	3.32 -0.70 11.98	2.76 -0.69 11.52	1.49 -0.46 7.46	1.49 -0.49 7.89	1.58 -0.76 11.03
N.AKRON___115KV_KNAPP 355671	23.45 0.46 -0.06	18.74 0.33 -0.90	17.57 0.37 -1.01	16.78 0.20 -0.92	17.31 0.23 -1.01	18.64 0.60 0.00	21.71 0.38 -0.01	20.41 0.06 -1.80	21.20 -0.33 -2.24	26.62 -0.68 -1.11	26.67 -0.56 -0.72	23.38 -0.36 -2.45	17.13 -0.14 -4.88	20.14 -0.15 -3.68	14.31 -0.03 -5.60	14.03 0.00 -5.50	16.16 0.07 -4.86	17.17 0.10 -6.00	24.60 0.16 -4.52	21.39 0.19 -5.19	19.39 0.19 -4.22	14.71 0.11 -5.20	14.15 0.19 -4.09	16.34 0.39 -2.58

N.BELMOR_69_KV_BK1 55787	24.89 1.74 -0.21	22.03 1.26 -3.27	20.95 1.12 -3.64	19.97 0.97 -3.34	20.76 1.04 -3.64	19.29 1.25 0.00	23.03 1.68 -0.03	26.76 1.69 -6.51	29.15 1.76 -8.10	32.54 2.33 -4.02	31.11 1.99 -2.62	31.68 1.53 -8.85	31.04 0.99 -17.67	31.16 1.25 -13.30	29.75 0.73 -20.28	29.16 0.72 -19.92	29.81 0.96 -17.62	33.60 0.76 -21.77	37.78 1.47 -16.38	36.06 1.22 -18.83	31.44 1.15 -15.31	29.12 0.81 -18.90	25.70 0.88 -14.95	23.89 1.18 -9.34
N.E_GEN_SANDY PD 24062	24.11 0.94 -0.23	21.86 0.74 -3.62	20.92 0.70 -4.04	20.00 0.64 -3.70	20.79 0.67 -4.04	18.82 0.78 0.00	22.31 0.96 -0.03	27.30 0.80 -7.95	28.40 0.85 -8.26	31.80 1.15 -4.46	30.57 1.16 -2.91	32.05 0.94 -9.82	32.54 0.56 -19.60	32.12 0.75 -14.76	31.60 0.36 -22.50	30.97 0.35 -22.10	31.20 0.47 -19.49	35.60 0.45 -24.08	38.88 0.84 -18.12	37.51 0.67 -20.83	32.54 0.63 -16.94	30.65 0.39 -20.85	26.70 0.42 -16.40	24.29 0.59 -10.33
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	24.27 1.15 -0.19	21.37 0.88 -2.99	20.33 0.81 -3.34	19.47 0.75 -3.06	20.18 0.77 -3.34	18.88 0.83 0.00	22.48 1.13 -0.03	25.62 1.09 -5.97	27.81 1.10 -7.42	31.34 1.47 -3.68	30.33 1.43 -2.40	30.55 1.15 -8.11	29.25 0.68 -16.19	29.70 0.90 -12.19	27.79 0.46 -18.58	27.23 0.46 -18.25	28.06 0.62 -16.21	31.70 0.61 -20.03	36.17 1.18 -15.07	34.27 0.94 -17.32	29.90 0.84 -14.08	27.27 0.54 -17.33	24.05 0.54 -13.64	22.70 0.74 -8.59
N.QUEENS_27_KV_LOAD 356247	24.36 1.22 -0.21	21.72 0.95 -3.26	20.72 0.89 -3.64	19.78 0.78 -3.34	20.52 0.80 -3.64	18.82 0.78 0.00	22.44 1.09 -0.03	26.12 1.06 -6.51	28.54 1.16 -8.09	31.68 1.47 -4.02	30.58 1.46 -2.62	31.31 1.17 -8.85	30.73 0.68 -17.66	30.81 0.90 -13.30	29.47 0.45 -20.27	28.89 0.45 -19.91	29.45 0.60 -17.62	33.42 0.59 -21.77	37.38 1.08 -16.38	35.70 0.86 -18.83	31.06 0.78 -15.31	28.74 0.49 -18.85	25.21 0.51 -14.83	23.44 0.72 -9.34
N.TROY___115KV_TB1 355778	24.18 0.99 -0.26	22.25 0.74 -4.01	21.35 0.70 -4.47	20.40 0.64 -4.10	21.20 0.66 -4.47	18.80 0.76 0.00	22.34 0.98 -0.03	27.35 0.80 -7.99	30.07 0.85 -9.93	32.30 1.18 -4.93	30.93 1.22 -3.21	33.16 1.00 -10.87	34.65 0.58 -21.68	33.72 0.78 -16.32	34.00 0.38 -24.88	33.33 0.37 -24.44	33.33 0.49 -21.60	38.25 0.50 -26.69	40.90 0.90 -20.08	39.81 0.72 -23.08	34.42 0.67 -18.77	32.92 0.41 -23.10	28.48 0.43 -18.18	25.43 0.60 -11.45
NARROWS_GT1_1 24228	24.52 1.38 -0.21	21.82 1.05 -3.26	20.82 0.99 -3.64	19.89 0.89 -3.34	20.68 0.96 -3.64	18.99 0.96 0.01	22.66 1.32 -0.02	26.35 1.28 -6.52	28.71 1.31 -8.10	31.94 1.73 -4.02	30.84 1.72 -2.61	31.52 1.36 -8.86	30.88 0.80 -17.69	30.99 1.06 -13.31	29.60 0.55 -20.30	29.01 0.55 -19.94	29.54 0.72 -17.59	33.48 0.69 -21.73	37.55 1.28 -16.35	35.84 1.04 -18.79	31.23 0.97 -15.28	28.83 0.61 -18.81	25.31 0.64 -14.80	23.54 0.84 -9.33
NARROWS_GT1_2 24229	24.52 1.38 -0.21	21.82 1.05 -3.26	20.82 0.99 -3.64	19.89 0.89 -3.34	20.68 0.96 -3.64	18.99 0.96 0.01	22.66 1.32 -0.02	26.35 1.28 -6.52	28.71 1.31 -8.10	31.94 1.73 -4.02	30.84 1.72 -2.61	31.52 1.36 -8.86	30.88 0.80 -17.69	30.99 1.06 -13.31	29.60 0.55 -20.30	29.01 0.55 -19.94	29.54 0.72 -17.59	33.48 0.69 -21.73	37.55 1.28 -16.35	35.84 1.04 -18.79	31.23 0.97 -15.28	28.83 0.61 -18.81	25.31 0.64 -14.80	23.54 0.84 -9.33
NARROWS_GT1_3 24230	24.52 1.38 -0.21	21.82 1.05 -3.26	20.82 0.99 -3.64	19.89 0.89 -3.34	20.68 0.96 -3.64	18.99 0.96 0.01	22.66 1.32 -0.02	26.35 1.28 -6.52	28.71 1.31 -8.10	31.94 1.73 -4.02	30.84 1.72 -2.61	31.52 1.36 -8.86	30.88 0.80 -17.69	30.99 1.06 -13.31	29.60 0.55 -20.30	29.01 0.55 -19.94	29.54 0.72 -17.59	33.48 0.69 -21.73	37.55 1.28 -16.35	35.84 1.04 -18.79	31.23 0.97 -15.28	28.83 0.61 -18.81	25.31 0.64 -14.80	23.54 0.84 -9.33
NARROWS_GT1_4 24231	24.52 1.38 -0.21	21.82 1.05 -3.26	20.82 0.99 -3.64	19.89 0.89 -3.34	20.68 0.96 -3.64	18.99 0.96 0.01	22.66 1.32 -0.02	26.35 1.28 -6.52	28.71 1.31 -8.10	31.94 1.73 -4.02	30.84 1.72 -2.61	31.52 1.36 -8.86	30.88 0.80 -17.69	30.99 1.06 -13.31	29.60 0.55 -20.30	29.01 0.55 -19.94	29.54 0.72 -17.59	33.48 0.69 -21.73	37.55 1.28 -16.35	35.84 1.04 -18.79	31.23 0.97 -15.28	28.83 0.61 -18.81	25.31 0.64 -14.80	23.54 0.84 -9.33
NARROWS_GT1_5 24232	24.52 1.38 -0.21	21.82 1.05 -3.26	20.82 0.99 -3.64	19.89 0.89 -3.34	20.68 0.96 -3.64	18.99 0.96 0.01	22.66 1.32 -0.02	26.35 1.28 -6.52	28.71 1.31 -8.10	31.94 1.73 -4.02	30.84 1.72 -2.61	31.52 1.36 -8.86	30.88 0.80 -17.69	30.99 1.06 -13.31	29.60 0.55 -20.30	29.01 0.55 -19.94	29.54 0.72 -17.59	33.48 0.69 -21.73	37.55 1.28 -16.35	35.84 1.04 -18.79	31.23 0.97 -15.28	28.83 0.61 -18.81	25.31 0.64 -14.80	23.54 0.84 -9.33
NARROWS_GT1_6 24233	24.52 1.38 -0.21	21.82 1.05 -3.26	20.82 0.99 -3.64	19.89 0.89 -3.34	20.68 0.96 -3.64	18.99 0.96 0.01	22.66 1.32 -0.02	26.35 1.28 -6.52	28.71 1.31 -8.10	31.94 1.73 -4.02	30.84 1.72 -2.61	31.52 1.36 -8.86	30.88 0.80 -17.69	30.99 1.06 -13.31	29.60 0.55 -20.30	29.01 0.55 -19.94	29.54 0.72 -17.59	33.48 0.69 -21.73	37.55 1.28 -16.35	35.84 1.04 -18.79	31.23 0.97 -15.28	28.83 0.61 -18.81	25.31 0.64 -14.80	23.54 0.84 -9.33
NARROWS_GT1_7 24234	24.52 1.38 -0.21	21.82 1.05 -3.26	20.82 0.99 -3.64	19.89 0.89 -3.34	20.68 0.96 -3.64	18.99 0.96 0.01	22.66 1.32 -0.02	26.35 1.28 -6.52	28.71 1.31 -8.10	31.94 1.73 -4.02	30.84 1.72 -2.61	31.52 1.36 -8.86	30.88 0.80 -17.69	30.99 1.06 -13.31	29.60 0.55 -20.30	29.01 0.55 -19.94	29.54 0.72 -17.59	33.48 0.69 -21.73	37.55 1.28 -16.35	35.84 1.04 -18.79	31.23 0.97 -15.28	28.83 0.61 -18.81	25.31 0.64 -14.80	23.54 0.84 -9.33
NARROWS_GT1_8 24235	24.52 1.38 -0.21	21.82 1.05 -3.26	20.82 0.99 -3.64	19.89 0.89 -3.34	20.68 0.96 -3.64	18.99 0.96 0.01	22.66 1.32 -0.02	26.35 1.28 -6.52	28.71 1.31 -8.10	31.94 1.73 -4.02	30.84 1.72 -2.61	31.52 1.36 -8.86	30.88 0.80 -17.69	30.99 1.06 -13.31	29.60 0.55 -20.30	29.01 0.55 -19.94	29.54 0.72 -17.59	33.48 0.69 -21.73	37.55 1.28 -16.35	35.84 1.04 -18.79	31.23 0.97 -15.28	28.83 0.61 -18.81	25.31 0.64 -14.80	23.54 0.84 -9.33
NARROWS_GT2_1 24236	24.52 1.38 -0.21	21.82 1.05 -3.26	20.82 0.99 -3.64	19.89 0.89 -3.34	20.68 0.96 -3.64	18.99 0.96 0.01	22.66 1.32 -0.02	26.35 1.28 -6.52	28.71 1.31 -8.10	31.94 1.73 -4.02	30.84 1.72 -2.61	31.52 1.36 -8.86	30.88 0.80 -17.69	30.99 1.06 -13.31	29.60 0.55 -20.30	29.01 0.55 -19.94	29.54 0.72 -17.59	33.48 0.69 -21.73	37.55 1.28 -16.35	35.84 1.04 -18.79	31.23 0.97 -15.28	28.83 0.61 -18.81	25.31 0.64 -14.80	23.54 0.84 -9.33
NARROWS_GT2_2 24237	24.52 1.38 -0.21	21.82 1.05 -3.26	20.82 0.99 -3.64	19.89 0.89 -3.34	20.68 0.96 -3.64	18.99 0.96 0.01	22.66 1.32 -0.02	26.35 1.28 -6.52	28.71 1.31 -8.10	31.94 1.73 -4.02	30.84 1.72 -2.61	31.52 1.36 -8.86	30.88 0.80 -17.69	30.99 1.06 -13.31	29.60 0.55 -20.30	29.01 0.55 -19.94	29.54 0.72 -17.59	33.48 0.69 -21.73	37.55 1.28 -16.35	35.84 1.04 -18.79	31.23 0.97 -15.28	28.83 0.61 -18.81	25.31 0.64 -14.80	23.54 0.84 -9.33

NARROWS_GT2_3 24238	24.52 1.38 -0.21	21.82 1.05 -3.26	20.82 0.99 -3.64	19.89 0.89 -3.34	20.68 0.96 -3.64	18.99 0.96 0.01	22.66 1.32 -0.02	26.35 1.28 -6.52	28.71 1.31 -8.10	31.94 1.73 -4.02	30.84 1.72 -2.61	31.52 1.36 -8.86	30.88 0.80 -17.69	30.99 1.06 -13.31	29.60 0.55 -20.30	29.01 0.55 -19.94	29.54 0.72 -17.59	33.48 0.69 -21.73	37.55 1.28 -16.35	35.84 1.04 -18.79	31.23 0.97 -15.28	28.83 0.61 -18.81	25.31 0.64 -14.80	23.54 0.84 -9.33
NARROWS_GT2_4 24239	24.52 1.38 -0.21	21.82 1.05 -3.26	20.82 0.99 -3.64	19.89 0.89 -3.34	20.68 0.96 -3.64	18.99 0.96 0.01	22.66 1.32 -0.02	26.35 1.28 -6.52	28.71 1.31 -8.10	31.94 1.73 -4.02	30.84 1.72 -2.61	31.52 1.36 -8.86	30.88 0.80 -17.69	30.99 1.06 -13.31	29.60 0.55 -20.30	29.01 0.55 -19.94	29.54 0.72 -17.59	33.48 0.69 -21.73	37.55 1.28 -16.35	35.84 1.04 -18.79	31.23 0.97 -15.28	28.83 0.61 -18.81	25.31 0.64 -14.80	23.54 0.84 -9.33
NARROWS_GT2_5 24240	24.52 1.38 -0.21	21.82 1.05 -3.26	20.82 0.99 -3.64	19.89 0.89 -3.34	20.68 0.96 -3.64	18.99 0.96 0.01	22.66 1.32 -0.02	26.35 1.28 -6.52	28.71 1.31 -8.10	31.94 1.73 -4.02	30.84 1.72 -2.61	31.52 1.36 -8.86	30.88 0.80 -17.69	30.99 1.06 -13.31	29.60 0.55 -20.30	29.01 0.55 -19.94	29.54 0.72 -17.59	33.48 0.69 -21.73	37.55 1.28 -16.35	35.84 1.04 -18.79	31.23 0.97 -15.28	28.83 0.61 -18.81	25.31 0.64 -14.80	23.54 0.84 -9.33
NARROWS_GT2_6 24241	24.52 1.38 -0.21	21.82 1.05 -3.26	20.82 0.99 -3.64	19.89 0.89 -3.34	20.68 0.96 -3.64	18.99 0.96 0.01	22.66 1.32 -0.02	26.35 1.28 -6.52	28.71 1.31 -8.10	31.94 1.73 -4.02	30.84 1.72 -2.61	31.52 1.36 -8.86	30.88 0.80 -17.69	30.99 1.06 -13.31	29.60 0.55 -20.30	29.01 0.55 -19.94	29.54 0.72 -17.59	33.48 0.69 -21.73	37.55 1.28 -16.35	35.84 1.04 -18.79	31.23 0.97 -15.28	28.83 0.61 -18.81	25.31 0.64 -14.80	23.54 0.84 -9.33
NARROWS_GT2_7 24242	24.52 1.38 -0.21	21.82 1.05 -3.26	20.82 0.99 -3.64	19.89 0.89 -3.34	20.68 0.96 -3.64	18.99 0.96 0.01	22.66 1.32 -0.02	26.35 1.28 -6.52	28.71 1.31 -8.10	31.94 1.73 -4.02	30.84 1.72 -2.61	31.52 1.36 -8.86	30.88 0.80 -17.69	30.99 1.06 -13.31	29.60 0.55 -20.30	29.01 0.55 -19.94	29.54 0.72 -17.59	33.48 0.69 -21.73	37.55 1.28 -16.35	35.84 1.04 -18.79	31.23 0.97 -15.28	28.83 0.61 -18.81	25.31 0.64 -14.80	23.54 0.84 -9.33
NARROWS_GT2_8 24243	24.52 1.38 -0.21	21.82 1.05 -3.26	20.82 0.99 -3.64	19.89 0.89 -3.34	20.68 0.96 -3.64	18.99 0.96 0.01	22.66 1.32 -0.02	26.35 1.28 -6.52	28.71 1.31 -8.10	31.94 1.73 -4.02	30.84 1.72 -2.61	31.52 1.36 -8.86	30.88 0.80 -17.69	30.99 1.06 -13.31	29.60 0.55 -20.30	29.01 0.55 -19.94	29.54 0.72 -17.59	33.48 0.69 -21.73	37.55 1.28 -16.35	35.84 1.04 -18.79	31.23 0.97 -15.28	28.83 0.61 -18.81	25.31 0.64 -14.80	23.54 0.84 -9.33
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	24.32 1.15 -0.24	22.04 0.79 -3.74	21.08 0.71 -4.18	20.16 0.67 -3.83	20.96 0.71 -4.18	18.91 0.87 0.00	22.50 1.15 -0.03	26.82 0.80 -7.47	29.44 0.87 -9.28	31.92 1.13 -4.61	30.64 1.14 -3.00	32.40 0.96 -10.15	33.21 0.57 -20.26	32.61 0.75 -15.25	32.36 0.37 -23.25	31.73 0.37 -22.84	31.93 0.51 -20.19	36.55 0.54 -24.94	39.71 1.02 -18.77	38.35 0.77 -21.57	33.22 0.70 -17.54	31.42 0.42 -21.59	27.29 0.43 -16.99	24.70 0.63 -10.70
NCHELSEA_115KV_TR2 355582	24.36 1.22 -0.21	21.66 0.93 -3.23	20.64 0.86 -3.60	19.76 0.80 -3.30	20.49 0.82 -3.60	18.93 0.88 0.00	22.52 1.17 -0.03	26.07 1.08 -6.44	28.43 1.14 -8.00	31.68 1.52 -3.97	30.55 1.46 -2.59	31.23 1.19 -8.75	30.55 0.71 -17.46	30.69 0.93 -13.14	29.26 0.47 -20.04	28.68 0.48 -19.68	29.30 0.64 -17.42	33.22 0.63 -21.52	37.32 1.20 -16.20	35.57 0.94 -18.61	30.96 0.85 -15.14	28.58 0.55 -18.63	25.09 0.55 -14.66	23.37 0.76 -9.23
NEG CAPITAL___MECHNVIL 23645	24.34 1.15 -0.26	22.40 0.86 -4.04	21.48 0.79 -4.50	20.51 0.72 -4.13	21.33 0.76 -4.50	18.89 0.85 0.00	22.51 1.15 -0.03	27.58 0.96 -8.06	30.31 1.00 -10.01	32.55 1.39 -4.97	31.20 1.46 -3.24	33.46 1.21 -10.96	34.95 0.71 -21.86	34.00 0.93 -16.46	34.29 0.45 -25.09	33.62 0.45 -24.65	33.59 0.61 -21.75	38.54 0.61 -26.87	41.24 1.10 -20.22	40.14 0.90 -23.24	34.68 0.81 -18.89	33.15 0.49 -23.26	28.69 0.51 -18.30	25.60 0.70 -11.53
NEG CENTRAL_HIGH_ACRES 23767	22.78 -0.21 -0.05	18.12 -0.19 -0.81	16.92 -0.16 -0.90	16.26 -0.22 -0.82	16.75 -0.23 -0.90	17.81 -0.24 0.00	21.11 -0.21 -0.01	19.90 -0.26 -1.60	21.04 -0.25 -1.99	26.74 -0.45 -0.99	26.75 -0.40 -0.65	23.19 -0.28 -2.18	16.62 -0.11 -4.35	19.78 -0.12 -3.28	13.71 -0.03 -5.00	13.41 -0.02 -4.91	15.52 0.01 -4.27	16.38 0.03 -5.28	23.98 0.08 -3.97	20.64 0.06 -4.57	18.73 0.05 -3.71	13.98 0.01 -4.57	13.51 0.04 -3.60	15.71 0.07 -2.27
NEG CENTRAL___DRP 24199	23.47 0.48 -0.06	18.66 0.30 -0.86	17.44 0.29 -0.96	16.75 0.22 -0.88	17.27 0.24 -0.96	18.48 0.43 0.00	21.73 0.41 -0.01	20.64 0.37 -1.71	21.75 0.33 -2.13	27.61 0.37 -1.06	27.59 0.40 -0.69	23.96 0.34 -2.33	17.26 0.24 -4.64	20.44 0.33 -3.50	14.28 0.20 -5.33	13.97 0.21 -5.24	16.20 0.34 -4.62	17.15 0.38 -5.71	24.90 0.68 -4.30	21.49 0.54 -4.94	19.49 0.49 -4.02	14.65 0.30 -4.94	14.08 0.32 -3.89	16.27 0.44 -2.45
NEG CENTRAL___INDECK 23768	24.10 1.10 -0.06	19.21 0.72 -0.99	17.97 0.68 -1.10	17.23 0.56 -1.01	17.75 0.58 -1.10	18.91 0.87 0.00	22.24 0.92 -0.01	21.18 0.65 -1.97	22.32 0.58 -2.45	27.88 0.47 -1.22	27.72 0.42 -0.79	24.31 0.34 -2.68	17.98 0.25 -5.35	21.00 0.37 -4.03	15.11 0.23 -6.14	14.80 0.26 -6.03	16.93 0.45 -5.25	18.09 0.54 -6.48	25.88 1.08 -4.88	22.50 0.88 -5.61	20.34 0.81 -4.56	15.50 0.48 -5.61	14.82 0.53 -4.42	16.92 0.76 -2.78
NEG CENTRAL___SENECA 23627	23.57 0.57 -0.06	18.77 0.37 -0.90	17.55 0.36 -1.00	16.84 0.27 -0.92	17.38 0.31 -1.00	18.61 0.56 0.00	21.84 0.51 -0.01	20.80 0.45 -1.79	21.91 0.39 -2.23	27.72 0.42 -1.11	27.65 0.42 -0.72	24.11 0.38 -2.44	17.51 0.26 -4.87	20.64 0.37 -3.66	14.56 0.23 -5.59	14.25 0.24 -5.49	16.46 0.38 -4.84	17.47 0.42 -5.99	25.19 0.76 -4.50	21.79 0.61 -5.18	19.74 0.55 -4.21	14.92 0.34 -5.18	14.30 0.36 -4.08	16.45 0.51 -2.57
NEG CENTRAL___STATE_STREET 24147	23.49 0.50 -0.05	18.69 0.33 -0.85	17.45 0.31 -0.95	16.78 0.25 -0.87	17.30 0.27 -0.95	18.48 0.43 0.00	21.78 0.45 -0.01	20.69 0.43 -1.70	21.84 0.42 -2.12	27.77 0.52 -1.05	27.77 0.58 -0.69	24.10 0.49 -2.32	17.33 0.32 -4.62	20.54 0.45 -3.48	14.30 0.25 -5.30	14.00 0.26 -5.21	16.23 0.39 -4.60	17.17 0.42 -5.68	24.96 0.76 -4.28	21.53 0.61 -4.92	19.53 0.55 -4.00	14.66 0.34 -4.92	14.09 0.35 -3.87	16.28 0.47 -2.44
NEG MILLWOOD___DRP 24198	24.43 1.28 -0.21	21.78 1.00 -3.28	20.77 0.92 -3.66	19.87 0.86 -3.35	20.58 0.85 -3.66	19.00 0.96 0.00	22.61 1.26 -0.03	26.28 1.19 -6.54	28.69 1.27 -8.12	31.95 1.73 -4.03	30.82 1.70 -2.63	31.54 1.36 -8.89	30.90 0.78 -17.73	31.01 1.05 -13.35	29.63 0.53 -20.35	29.05 0.54 -19.99	29.63 0.71 -17.69	33.61 0.70 -21.85	37.69 1.32 -16.44	35.97 1.06 -18.90	31.29 0.94 -15.37	28.92 0.60 -18.92	25.37 0.61 -14.88	23.55 0.80 -9.37



NEG NORTH_FLCN_SEA 23793	22.98 0.05 0.00	17.61 0.11 0.00	16.30 0.11 0.00	15.89 0.23 0.00	16.35 0.27 0.00	18.37 0.32 0.00	21.60 0.28 0.00	18.80 0.24 0.00	19.58 0.29 0.00	26.87 0.68 0.00	27.03 0.53 0.00	21.69 0.40 0.00	12.51 0.12 0.00	16.75 0.13 0.00	8.77 0.03 0.00	8.51 -0.01 0.00	11.16 -0.08 0.00	10.84 -0.22 0.00	6.67 -0.62 12.63	2.55 -0.69 12.77	2.00 -0.70 12.28	0.96 -0.50 7.94	0.92 -0.55 8.40	0.78 -0.84 11.75
NEG NORTH_KES_CHATEGAY 23792	22.75 -0.18 0.00	17.43 -0.07 0.00	16.12 -0.06 0.00	15.74 0.08 0.00	16.17 0.10 0.00	18.17 0.13 0.00	21.36 0.04 0.00	18.59 0.04 0.00	19.39 0.10 0.00	26.56 0.37 0.00	26.74 0.24 0.00	21.46 0.17 0.00	12.36 -0.02 0.00	16.56 -0.05 0.00	8.68 -0.07 0.00	8.42 -0.10 0.00	11.05 -0.19 0.00	10.73 -0.33 0.00	6.70 -0.80 12.43	2.63 -0.82 12.56	2.09 -0.81 12.07	1.04 -0.55 7.81	0.99 -0.62 8.26	0.89 -0.92 11.56
NEG NORTH___ALICE_FALLS 23915	22.98 0.05 0.00	17.59 0.09 0.00	16.27 0.08 0.00	15.89 0.23 0.00	16.33 0.26 0.00	18.35 0.31 0.00	21.58 0.26 0.00	18.78 0.22 0.00	19.58 0.29 0.00	26.87 0.68 0.00	27.03 0.53 0.00	21.69 0.40 0.00	12.49 0.11 0.00	16.75 0.13 0.00	8.77 0.03 0.00	8.51 -0.01 0.00	11.16 -0.08 0.00	10.84 -0.22 0.00	6.73 -0.60 12.60	2.60 -0.67 12.73	2.04 -0.69 12.24	0.99 -0.49 7.92	0.94 -0.55 8.38	0.81 -0.84 11.72
NEG NORTH___LWR_SARANAC 23913	22.98 0.05 0.00	17.59 0.09 0.00	16.27 0.08 0.00	15.89 0.23 0.00	16.33 0.26 0.00	18.35 0.31 0.00	21.58 0.26 0.00	18.78 0.22 0.00	19.58 0.29 0.00	26.87 0.68 0.00	27.03 0.53 0.00	21.69 0.40 0.00	12.49 0.11 0.00	16.75 0.13 0.00	8.77 0.03 0.00	8.51 -0.01 0.00	11.16 -0.08 0.00	10.84 -0.22 0.00	6.73 -0.60 12.60	2.60 -0.67 12.73	2.04 -0.69 12.24	0.99 -0.49 7.92	0.94 -0.55 8.38	0.81 -0.84 11.72
NEG NORTH___PLATTSBURG 23628	22.98 0.05 0.00	17.59 0.09 0.00	16.27 0.08 0.00	15.89 0.24 0.00	16.33 0.26 0.00	18.35 0.31 0.00	21.58 0.26 0.00	18.78 0.22 0.00	19.58 0.29 0.00	26.87 0.68 0.00	27.03 0.53 0.00	21.69 0.40 0.00	12.49 0.11 0.00	16.75 0.13 0.00	8.77 0.03 0.00	8.51 -0.01 0.00	11.16 -0.08 0.00	10.84 -0.22 0.00	6.73 -0.60 12.60	2.60 -0.67 12.73	2.04 -0.69 12.24	0.99 -0.49 7.92	0.94 -0.55 8.38	0.81 -0.84 11.72
NEG WEST_LEA_LOCKPORT 23791	23.13 0.14 -0.06	18.55 0.12 -0.92	17.42 0.21 -1.03	16.63 0.03 -0.94	17.15 0.05 -1.03	18.44 0.40 0.00	21.48 0.15 -0.01	20.19 -0.20 -1.84	20.92 -0.66 -2.28	26.15 -1.18 -1.13	26.18 -1.06 -0.74	23.06 -0.72 -2.50	17.02 -0.35 -4.98	19.92 -0.45 -3.75	14.27 -0.19 -5.72	13.99 -0.14 -5.62	16.07 -0.12 -4.96	17.08 -0.11 -6.13	24.28 -0.26 -4.61	21.20 -0.11 -5.30	19.21 -0.07 -4.31	14.66 -0.05 -5.30	14.08 0.03 -4.17	16.20 0.20 -2.63
NEG WEST___LANCASTR 23811	22.61 -0.39 -0.06	18.19 -0.32 -1.00	17.10 -0.19 -1.11	16.33 -0.34 -1.02	16.83 -0.35 -1.11	18.95 0.90 0.00	21.09 -0.23 -0.01	20.02 -0.52 -1.99	20.78 -0.98 -2.47	25.79 -1.62 -1.23	25.76 -1.54 -0.80	22.86 -1.13 -2.70	17.17 -0.61 -5.39	19.86 -0.81 -4.06	14.54 -0.39 -6.19	14.25 -0.35 -6.08	16.22 -0.38 -5.37	17.34 -0.35 -6.63	24.30 -0.62 -4.99	21.33 -0.42 -5.73	19.25 -0.39 -4.66	14.89 -0.25 -5.74	14.16 -0.23 -4.51	16.03 -0.19 -2.84
NEG_PENN_ALLEGHNY 23528	23.67 0.64 -0.10	19.41 0.42 -1.48	18.24 0.40 -1.65	17.52 0.34 -1.51	18.08 0.35 -1.65	18.62 0.58 0.00	21.91 0.58 -0.01	21.97 0.46 -2.95	23.35 0.39 -3.67	28.49 0.47 -1.82	28.19 0.50 -1.19	25.75 0.45 -4.02	20.68 0.29 -8.01	23.04 0.40 -6.03	18.17 0.23 -9.20	17.78 0.23 -9.03	19.46 0.35 -7.88	21.15 0.35 -9.73	27.91 0.66 -7.32	24.97 0.54 -8.42	22.33 0.51 -6.84	18.15 0.32 -8.43	16.83 0.33 -6.63	18.03 0.48 -4.17
NEG___GEN_MONROE 24207	23.42 0.44 -0.05	18.62 0.30 -0.82	17.43 0.32 -0.91	16.72 0.22 -0.84	17.23 0.24 -0.91	18.42 0.38 0.00	21.67 0.34 -0.01	20.34 0.15 -1.63	21.33 0.00 -2.03	27.10 -0.10 -1.01	27.08 -0.08 -0.66	23.47 -0.04 -2.22	16.85 0.04 -4.43	20.07 0.12 -3.34	13.93 0.10 -5.09	13.62 0.10 -5.00	15.82 0.17 -4.41	16.73 0.21 -5.45	24.41 0.38 -4.10	21.06 0.34 -4.72	19.12 0.31 -3.84	14.29 0.17 -4.72	13.81 0.23 -3.71	16.09 0.37 -2.34
NEPA___ENERGY 23901	23.34 0.34 -0.06	18.76 0.25 -1.01	17.64 0.32 -1.12	16.83 0.14 -1.03	17.34 0.14 -1.12	18.86 0.81 0.00	21.67 0.34 -0.01	20.64 0.07 -2.01	21.41 -0.39 -2.50	26.57 -0.86 -1.24	26.54 -0.77 -0.81	23.49 -0.53 -2.73	17.58 -0.26 -5.46	20.37 -0.35 -4.11	14.86 -0.15 -6.26	14.56 -0.11 -6.15	16.60 -0.07 -5.43	17.73 -0.04 -6.71	24.95 -0.02 -5.05	21.88 0.06 -5.80	19.74 0.04 -4.72	15.25 0.04 -5.81	14.51 0.07 -4.57	16.49 0.24 -2.88
NEVERSINK___HYD 23608	24.35 1.24 -0.18	21.26 0.93 -2.83	20.17 0.83 -3.16	19.35 0.80 -2.90	20.07 0.84 -3.16	18.93 0.88 0.00	22.49 1.15 -0.02	25.28 1.08 -5.65	27.44 1.12 -7.02	31.12 1.44 -3.49	30.18 1.40 -2.27	30.10 1.13 -7.69	28.39 0.67 -15.34	29.04 0.88 -11.54	26.81 0.46 -17.60	26.29 0.48 -17.29	27.12 0.64 -15.24	30.55 0.65 -18.83	35.35 1.26 -14.17	33.27 0.98 -16.29	29.10 0.88 -13.24	26.28 0.57 -16.30	23.26 0.56 -12.83	22.24 0.79 -8.08
NEWKRMKL_115KV_TB1 55635	24.11 0.92 -0.25	22.17 0.70 -3.97	21.26 0.65 -4.43	20.32 0.61 -4.06	21.13 0.63 -4.43	18.77 0.72 0.00	22.29 0.94 -0.03	27.25 0.78 -7.91	29.94 0.81 -9.83	32.15 1.07 -4.88	30.82 1.14 -3.18	32.99 0.94 -10.76	34.39 0.54 -21.47	33.50 0.73 -16.16	33.74 0.36 -24.63	33.07 0.35 -24.20	33.08 0.46 -21.39	37.95 0.46 -26.42	40.65 0.84 -19.88	39.53 0.67 -22.85	34.19 0.63 -18.58	32.66 0.39 -22.87	28.28 0.41 -18.00	25.28 0.58 -11.33
NEWTON___FALLS_HYD 23847	22.58 -0.37 -0.01	17.40 -0.28 -0.17	16.07 -0.31 -0.19	15.58 -0.25 -0.18	15.99 -0.27 -0.19	17.76 -0.29 0.00	20.96 -0.36 0.00	18.57 -0.33 -0.34	19.47 -0.25 -0.43	26.14 -0.26 -0.21	26.32 -0.32 -0.14	21.42 -0.34 -0.47	12.99 -0.32 -0.93	16.88 -0.43 -0.70	9.60 -0.22 -1.07	9.37 -0.20 -1.05	11.85 -0.31 -0.93	11.92 -0.29 -1.15	13.53 -0.52 5.88	9.75 -0.43 5.82	8.87 -0.36 5.75	5.98 -0.18 3.25	6.01 -0.16 3.70	7.31 -0.28 5.78
NGRID_A1_DSASP 323792	22.65 -0.34 -0.06	18.21 -0.23 -0.93	17.13 -0.10 -1.04	16.35 -0.27 -0.96	16.84 -0.27 -1.04	17.88 -0.16 0.00	21.14 -0.19 -0.01	19.81 -0.61 -1.86	20.66 -0.95 -2.31	25.72 -1.62 -1.15	25.71 -1.54 -0.75	22.74 -1.08 -2.53	16.87 -0.56 -5.05	19.70 -0.71 -3.80	14.20 -0.33 -5.79	13.93 -0.28 -5.69	15.90 -0.30 -4.96	16.89 -0.30 -6.13	23.90 -0.64 -4.61	20.89 -0.42 -5.30	18.96 -0.33 -4.31	14.51 -0.20 -5.31	13.92 -0.13 -4.18	15.97 -0.04 -2.63
NGRID_A2_DSASP 323793	22.65 -0.34 -0.06	18.21 -0.23 -0.93	17.13 -0.10 -1.04	16.35 -0.27 -0.96	16.84 -0.27 -1.04	17.88 -0.16 0.00	21.14 -0.19 -0.01	19.81 -0.61 -1.86	20.66 -0.95 -2.31	25.72 -1.62 -1.15	25.71 -1.54 -0.75	22.74 -1.08 -2.53	16.87 -0.56 -5.05	19.70 -0.71 -3.80	14.20 -0.33 -5.79	13.93 -0.28 -5.69	15.90 -0.30 -4.96	16.89 -0.30 -6.13	23.90 -0.64 -4.61	20.89 -0.42 -5.30	18.96 -0.33 -4.31	14.51 -0.20 -5.31	13.92 -0.13 -4.18	15.97 -0.04 -2.63

NGRID_A4_DSASP 323807	22.65 -0.34 -0.06	18.21 -0.23 -0.93	17.13 -0.10 -1.04	16.35 -0.27 -0.96	16.84 -0.27 -1.04	17.88 -0.16 0.00	21.14 -0.19 -0.01	19.81 -0.61 -1.86	20.66 -0.95 -2.31	25.72 -1.62 -1.15	25.71 -1.54 -0.75	22.74 -1.08 -2.53	16.87 -0.56 -5.05	19.70 -0.71 -3.80	14.20 -0.33 -5.79	13.93 -0.28 -5.69	15.90 -0.30 -4.96	16.89 -0.30 -6.13	23.90 -0.64 -4.61	20.89 -0.42 -5.30	18.96 -0.33 -4.31	14.51 -0.20 -5.31	13.92 -0.13 -4.18	15.97 -0.04 -2.63
NIAGARA_115E_LBMP 323715	22.86 -0.14 -0.06	18.39 -0.05 -0.93	17.29 0.07 -1.04	16.49 -0.13 -0.95	16.99 -0.13 -1.04	18.10 0.05 0.00	21.22 -0.11 -0.01	19.82 -0.59 -1.86	20.68 -0.93 -2.31	25.74 -1.60 -1.15	25.74 -1.51 -0.75	22.75 -1.06 -2.53	16.89 -0.53 -5.04	19.70 -0.71 -3.80	14.21 -0.32 -5.79	13.93 -0.27 -5.68	15.90 -0.29 -4.95	16.91 -0.28 -6.12	23.95 -0.58 -4.61	20.92 -0.38 -5.29	18.96 -0.32 -4.30	14.51 -0.19 -5.30	13.92 -0.12 -4.17	16.04 0.04 -2.63
NIAGARA_115W_LBMP 323714	22.58 -0.41 -0.06	18.18 -0.26 -0.93	17.08 -0.15 -1.04	16.30 -0.31 -0.95	16.79 -0.32 -1.04	17.83 -0.22 0.00	21.07 -0.25 -0.01	19.77 -0.65 -1.86	20.62 -0.98 -2.31	25.64 -1.70 -1.15	25.63 -1.62 -0.75	22.67 -1.15 -2.53	16.83 -0.59 -5.05	19.65 -0.76 -3.80	14.18 -0.35 -5.79	13.91 -0.30 -5.69	15.86 -0.34 -4.96	16.86 -0.32 -6.12	23.84 -0.70 -4.61	20.84 -0.46 -5.30	18.91 -0.37 -4.31	14.48 -0.23 -5.30	13.90 -0.15 -4.18	15.92 -0.08 -2.63
NIAGARA_230_LBMP 323716	22.90 -0.09 -0.06	18.40 -0.03 -0.93	17.29 0.07 -1.04	16.50 -0.11 -0.95	17.00 -0.11 -1.04	18.10 0.05 0.00	21.35 0.02 -0.01	20.00 -0.41 -1.85	20.86 -0.73 -2.30	26.00 -1.33 -1.14	26.00 -1.25 -0.74	22.96 -0.85 -2.52	17.00 -0.41 -5.03	19.86 -0.53 -3.78	14.29 -0.23 -5.77	14.00 -0.19 -5.67	16.00 -0.18 -4.94	17.00 -0.17 -6.10	24.14 -0.38 -4.59	21.06 -0.22 -5.28	19.10 -0.16 -4.29	14.59 -0.09 -5.28	14.00 -0.03 -4.16	16.09 0.09 -2.62
NIAGARA__115KV_198_GIBSON 55903	22.60 -0.39 -0.06	18.16 -0.28 -0.93	17.08 -0.15 -1.04	16.30 -0.31 -0.95	16.81 -0.31 -1.04	17.96 -0.09 0.00	21.07 -0.26 -0.01	19.88 -0.54 -1.86	20.59 -1.02 -2.31	25.64 -1.70 -1.15	25.66 -1.59 -0.75	22.67 -1.15 -2.53	16.84 -0.59 -5.05	19.65 -0.76 -3.80	14.19 -0.35 -5.79	13.92 -0.30 -5.70	15.93 -0.34 -5.03	16.94 -0.33 -6.21	23.90 -0.70 -4.68	20.94 -0.45 -5.37	18.97 -0.37 -4.37	14.56 -0.23 -5.38	13.96 -0.15 -4.23	15.96 -0.08 -2.67
NIAGARA____ 23760	22.90 -0.09 -0.06	18.40 -0.03 -0.93	17.29 0.07 -1.04	16.50 -0.11 -0.95	17.00 -0.11 -1.04	18.10 0.05 0.00	21.35 0.02 -0.01	20.01 -0.41 -1.86	20.87 -0.73 -2.31	26.00 -1.33 -1.15	26.00 -1.25 -0.75	22.96 -0.85 -2.53	17.01 -0.41 -5.04	19.88 -0.53 -3.79	14.30 -0.23 -5.78	14.02 -0.19 -5.68	16.01 -0.18 -4.95	17.01 -0.17 -6.12	24.15 -0.38 -4.60	21.08 -0.22 -5.29	19.11 -0.16 -4.30	14.61 -0.09 -5.30	14.01 -0.03 -4.17	16.10 0.09 -2.63
NINE_MILE_1 23575	22.53 -0.44 -0.03	17.66 -0.35 -0.51	16.45 -0.31 -0.57	15.85 -0.33 -0.52	16.32 -0.32 -0.57	17.70 -0.34 0.00	20.88 -0.45 0.00	19.18 -0.39 -1.01	20.13 -0.42 -1.26	26.22 -0.60 -0.63	26.33 -0.58 -0.41	22.22 -0.45 -1.38	14.89 -0.25 -2.75	18.37 -0.32 -2.07	11.76 -0.14 -3.16	11.49 -0.14 -3.10	13.79 -0.16 -2.71	14.26 -0.15 -3.35	22.17 -0.28 -2.52	18.70 -0.21 -2.90	17.14 -0.20 -2.36	12.17 -0.13 -2.90	12.02 -0.14 -2.28	14.64 -0.17 -1.44
NINE_MILE_2 23744	22.53 -0.44 -0.03	17.66 -0.35 -0.51	16.44 -0.31 -0.57	15.85 -0.33 -0.52	16.32 -0.32 -0.57	17.70 -0.34 0.00	20.88 -0.45 0.00	19.18 -0.39 -1.01	20.13 -0.42 -1.26	26.21 -0.60 -0.62	26.32 -0.58 -0.41	22.22 -0.45 -1.37	14.88 -0.25 -2.74	18.36 -0.32 -2.06	11.75 -0.14 -3.15	11.48 -0.14 -3.09	13.78 -0.16 -2.70	14.25 -0.14 -3.34	22.16 -0.28 -2.51	18.69 -0.21 -2.88	17.13 -0.20 -2.35	12.16 -0.13 -2.89	12.02 -0.13 -2.27	14.63 -0.17 -1.43
NM_CAPITAL____DRP 24208	24.13 0.94 -0.25	22.16 0.70 -3.96	21.25 0.65 -4.42	20.32 0.61 -4.05	21.13 0.64 -4.42	18.77 0.72 0.00	22.29 0.94 -0.03	27.23 0.78 -7.90	29.92 0.81 -9.81	32.16 1.10 -4.87	30.81 1.14 -3.17	32.96 0.94 -10.74	34.35 0.54 -21.42	33.47 0.73 -16.12	33.69 0.36 -24.58	33.02 0.35 -24.15	33.04 0.46 -21.34	37.90 0.46 -26.37	40.60 0.84 -19.84	39.49 0.67 -22.80	34.15 0.63 -18.54	32.62 0.39 -22.83	28.25 0.41 -17.96	25.26 0.58 -11.31
NM_CENTRAL____DRP 24181	23.07 0.09 -0.04	18.23 0.04 -0.69	16.99 0.03 -0.77	16.36 0.00 -0.71	16.86 0.02 -0.77	18.12 0.07 0.00	21.37 0.04 -0.01	19.99 0.06 -1.38	21.06 0.06 -1.71	27.07 0.03 -0.85	27.11 0.05 -0.55	23.25 0.09 -1.87	16.19 0.07 -3.73	19.54 0.12 -2.81	13.12 0.09 -4.28	12.82 0.09 -4.21	15.10 0.15 -3.71	15.81 0.15 -4.59	23.66 0.28 -3.45	20.20 0.22 -3.97	18.41 0.21 -3.23	13.51 0.13 -3.97	13.14 0.14 -3.13	15.53 0.19 -1.97
NM_FRONTIER____DRP 24179	22.60 -0.39 -0.06	18.16 -0.28 -0.93	17.08 -0.15 -1.04	16.30 -0.31 -0.95	16.81 -0.31 -1.04	17.96 -0.09 0.00	21.07 -0.26 -0.01	19.88 -0.54 -1.86	20.59 -1.02 -2.31	25.64 -1.70 -1.15	25.66 -1.59 -0.75	22.67 -1.15 -2.53	16.84 -0.59 -5.05	19.65 -0.76 -3.80	14.19 -0.35 -5.79	13.92 -0.30 -5.70	15.93 -0.34 -5.03	16.94 -0.33 -6.21	23.90 -0.70 -4.68	20.94 -0.45 -5.37	18.97 -0.37 -4.37	14.56 -0.23 -5.38	13.96 -0.15 -4.23	15.96 -0.08 -2.67
NM_ST_REGIS____HYD 24053	22.55 -0.39 -0.01	17.33 -0.26 -0.09	16.02 -0.26 -0.09	15.57 -0.17 -0.09	15.98 -0.19 -0.09	17.81 -0.23 0.00	20.98 -0.34 0.00	18.43 -0.30 -0.17	19.29 -0.21 -0.21	26.19 -0.10 -0.10	26.36 -0.21 -0.07	21.24 -0.28 -0.23	12.50 -0.35 -0.46	16.50 -0.47 -0.35	9.00 -0.27 -0.53	8.76 -0.28 -0.52	11.24 -0.45 -0.46	11.13 -0.50 -0.57	8.87 -0.96 10.10	5.04 -0.82 10.15	4.43 -0.72 9.83	2.88 -0.39 6.13	2.87 -0.39 6.62	3.25 -0.58 9.55
NORTHPORT____1 23551	25.00 1.86 -0.21	22.12 1.35 -3.27	21.01 1.18 -3.64	20.01 1.02 -3.34	20.91 1.19 -3.64	19.42 1.37 0.00	23.15 1.79 -0.04	27.95 1.78 -7.61	29.19 1.77 -8.12	32.51 2.36 -3.96	30.90 1.83 -2.57	31.36 1.26 -8.82	30.90 0.88 -17.64	30.97 1.10 -13.26	29.71 0.71 -20.25	29.12 0.72 -19.88	29.66 0.92 -17.50	33.07 0.61 -21.40	36.77 1.22 -15.63	35.75 1.01 -18.73	31.24 1.05 -15.22	29.01 0.81 -18.80	25.92 0.89 -15.15	23.97 1.26 -9.34
NORTHPORT____2 23552	25.00 1.86 -0.21	22.12 1.35 -3.27	21.01 1.18 -3.64	20.01 1.02 -3.34	20.91 1.19 -3.64	19.42 1.37 0.00	23.15 1.79 -0.04	27.95 1.78 -7.61	29.19 1.77 -8.12	32.51 2.36 -3.96	30.90 1.83 -2.57	31.36 1.26 -8.82	30.90 0.88 -17.64	30.97 1.10 -13.26	29.71 0.71 -20.25	29.12 0.72 -19.88	29.66 0.92 -17.50	33.07 0.61 -21.40	36.77 1.22 -15.63	35.75 1.01 -18.73	31.24 1.05 -15.22	29.01 0.81 -18.80	25.92 0.89 -15.15	23.97 1.26 -9.34
NORTHPORT____3 23553	24.90 1.77 -0.20	22.01 1.24 -3.27	20.93 1.10 -3.64	19.94 0.94 -3.34	20.82 1.11 -3.64	19.31 1.26 0.00	23.02 1.66 -0.03	28.00 1.84 -7.60	29.33 1.93 -8.11	32.68 2.54 -3.95	31.13 2.07 -2.56	31.53 1.43 -8.81	30.97 0.95 -17.63	31.05 1.18 -13.26	29.73 0.74 -20.24	29.15 0.76 -19.87	29.71 0.98 -17.50	33.16 0.71 -21.39	36.88 1.34 -15.62	35.85 1.12 -18.72	31.37 1.18 -15.21	29.06 0.86 -18.79	25.98 0.96 -15.15	23.88 1.18 -9.33

NORTHPORT___4 23650	24.90 1.77 -0.20	22.01 1.24 -3.27	20.93 1.10 -3.64	19.94 0.94 -3.34	20.82 1.11 -3.64	19.31 1.26 0.00	23.02 1.66 -0.03	28.00 1.84 -7.60	29.33 1.93 -8.11	32.68 2.54 -3.95	31.13 2.07 -2.56	31.53 1.43 -8.81	30.97 0.95 -17.63	31.05 1.18 -13.26	29.73 0.74 -20.24	29.15 0.76 -19.87	29.71 0.98 -17.50	33.16 0.71 -21.39	36.88 1.34 -15.62	35.85 1.12 -18.72	31.37 1.18 -15.21	29.06 0.86 -18.79	25.98 0.96 -15.15	23.88 1.18 -9.33
NORTHPORT___IC 23718	25.00 1.86 -0.21	22.12 1.35 -3.27	21.01 1.18 -3.64	20.01 1.02 -3.34	20.91 1.19 -3.64	19.42 1.37 0.00	23.15 1.79 -0.04	27.95 1.78 -7.61	29.19 1.77 -8.12	32.51 2.36 -3.96	30.90 1.83 -2.57	31.36 1.26 -8.82	30.90 0.88 -17.64	30.97 1.10 -13.26	29.71 0.71 -20.25	29.12 0.72 -19.88	29.66 0.92 -17.50	33.07 0.61 -21.40	36.77 1.22 -15.63	35.75 1.01 -18.73	31.24 1.05 -15.22	29.01 0.81 -18.80	25.92 0.89 -15.15	23.97 1.26 -9.34
NORTH___COUNTRY_ESR 323785	22.68 -0.25 0.00	17.38 -0.12 0.00	16.07 -0.11 0.00	15.69 0.03 0.00	16.12 0.05 0.00	18.12 0.07 0.00	21.32 0.00 0.00	18.56 0.00 0.00	19.33 0.04 0.00	26.48 0.29 0.00	26.66 0.16 0.00	21.40 0.11 0.00	12.33 -0.05 0.00	16.52 -0.10 0.00	8.65 -0.10 0.00	8.39 -0.13 0.00	11.00 -0.24 0.00	10.69 -0.38 0.00	6.63 -0.88 12.42	2.59 -0.86 12.55	2.04 -0.87 12.07	1.01 -0.58 7.81	0.96 -0.65 8.26	0.86 -0.96 11.56
NPX_GEN_1385_PROXY 323591	24.80 1.65 -0.21	22.01 1.24 -3.27	20.93 1.10 -3.64	19.94 0.94 -3.34	20.82 1.11 -3.64	19.35 1.30 0.00	23.02 1.66 -0.04	28.56 1.67 -8.33	28.35 1.66 -7.40	32.32 2.17 -3.96	30.77 1.70 -2.57	31.26 1.15 -8.82	30.84 0.82 -17.64	30.89 1.01 -13.26	29.65 0.66 -20.25	29.08 0.68 -19.88	29.57 0.83 -17.50	32.98 0.52 -21.40	36.61 1.06 -15.63	35.70 0.96 -18.73	31.20 1.00 -15.22	28.94 0.73 -18.80	25.88 0.85 -15.15	23.92 1.20 -9.34
NPX_GEN_CSC 323557	25.77 2.55 -0.29	22.59 1.82 -3.27	21.43 1.60 -3.64	20.41 1.41 -3.34	21.34 1.62 -3.64	19.92 1.88 0.00	23.75 2.39 -0.05	29.32 2.36 -8.41	29.16 2.39 -7.48	39.06 3.22 -9.65	36.44 2.81 -7.13	36.99 2.04 -13.66	36.86 1.34 -23.14	36.91 1.70 -18.60	36.14 1.01 -26.39	36.77 1.01 -27.23	38.09 1.33 -25.53	62.59 1.05 -50.48	99.87 2.01 -77.93	42.84 1.66 -25.17	38.21 1.63 -21.60	36.15 1.13 -25.61	34.26 1.22 -23.16	24.42 1.66 -9.39
NSINS_S_GLNS_FALLS 23858	24.36 1.17 -0.26	22.41 0.86 -4.05	21.52 0.81 -4.52	20.50 0.70 -4.14	21.35 0.76 -4.52	18.88 0.83 0.00	22.57 1.22 -0.03	27.62 0.98 -8.08	30.40 1.06 -10.04	32.67 1.49 -4.98	31.37 1.62 -3.25	33.64 1.36 -10.99	35.06 0.76 -21.92	34.09 0.98 -16.50	34.37 0.47 -25.16	33.70 0.47 -24.71	33.70 0.63 -21.84	38.70 0.65 -26.98	41.40 1.18 -20.30	40.32 0.98 -23.33	34.82 0.87 -18.97	33.28 0.52 -23.36	28.79 0.54 -18.38	25.67 0.72 -11.57
NUCOR_STEEL___DRP 24197	23.52 0.53 -0.05	18.69 0.35 -0.84	17.45 0.32 -0.93	16.80 0.28 -0.86	17.31 0.31 -0.93	18.50 0.45 0.00	21.80 0.47 -0.01	20.67 0.45 -1.67	21.81 0.44 -2.08	27.77 0.55 -1.03	27.75 0.58 -0.67	24.07 0.51 -2.27	17.25 0.33 -4.53	20.49 0.47 -3.41	14.20 0.25 -5.20	13.89 0.26 -5.11	16.13 0.38 -4.51	17.05 0.41 -5.57	24.86 0.74 -4.19	21.42 0.59 -4.82	19.45 0.55 -3.92	14.57 0.34 -4.82	14.02 0.36 -3.80	16.26 0.49 -2.39
NUMBER_THREE_WT_PWR 323818	22.95 0.00 -0.01	17.69 -0.03 -0.22	16.35 -0.08 -0.25	15.84 -0.05 -0.23	16.27 -0.05 -0.25	18.05 0.00 0.00	21.30 -0.02 0.00	18.96 -0.04 -0.44	19.92 0.08 -0.55	26.54 0.08 -0.27	26.76 0.08 -0.18	21.89 0.00 -0.60	13.54 -0.04 -1.20	17.46 -0.05 -0.90	10.12 0.00 -1.37	9.89 0.02 -1.35	12.58 0.01 -1.34	12.78 0.07 -1.65	18.75 0.16 1.33	14.95 0.11 1.17	13.77 0.13 1.34	9.31 0.09 0.19	9.39 0.11 0.59	11.77 0.08 1.69
NYISO_LBMP_REFERENCE 24008	22.93 0.00 0.00	17.50 0.00 0.00	16.19 0.00 0.00	15.66 0.00 0.00	16.07 0.00 0.00	18.05 0.00 0.00	21.32 0.00 0.00	18.56 0.00 0.00	19.29 0.00 0.00	26.19 0.00 0.00	26.50 0.00 0.00	21.29 0.00 0.00	12.38 0.00 0.00	16.61 0.00 0.00	8.75 0.00 0.00	8.52 0.00 0.00	11.24 0.00 0.00	11.06 0.00 0.00	19.93 0.00 0.00	16.01 0.00 0.00	14.97 0.00 0.00	9.40 0.00 0.00	9.87 0.00 0.00	13.38 0.00 0.00
NYPA_BRENTWD___GT 24164	25.34 2.18 -0.23	22.33 1.56 -3.27	21.20 1.38 -3.64	20.19 1.19 -3.34	21.10 1.38 -3.64	19.65 1.61 0.00	23.40 2.05 -0.04	28.22 2.04 -7.63	29.49 2.07 -8.13	34.30 2.78 -5.33	32.51 2.33 -3.67	32.96 1.68 -9.99	32.46 1.11 -18.97	32.58 1.41 -14.55	31.34 0.86 -21.74	31.04 0.86 -21.66	31.79 1.11 -19.45	40.34 0.83 -28.44	52.28 1.63 -30.72	37.64 1.34 -20.29	33.08 1.35 -16.76	30.81 0.96 -20.45	27.67 1.06 -16.74	24.17 1.44 -9.35
NYPA_GOWANUS___GT5 24156	24.52 1.38 -0.21	21.82 1.05 -3.26	20.82 0.99 -3.64	19.89 0.89 -3.34	20.68 0.96 -3.64	18.99 0.96 0.01	22.66 1.32 -0.02	26.35 1.28 -6.52	28.71 1.31 -8.10	31.94 1.73 -4.02	30.84 1.72 -2.61	31.52 1.36 -8.86	30.88 0.80 -17.69	30.99 1.06 -13.31	29.60 0.55 -20.30	29.01 0.55 -19.94	29.54 0.72 -17.59	33.48 0.69 -21.73	37.55 1.28 -16.35	35.84 1.04 -18.79	31.23 0.97 -15.28	28.83 0.61 -18.81	25.31 0.64 -14.80	23.54 0.84 -9.33
NYPA_GOWANUS___GT6 24157	24.52 1.38 -0.21	21.82 1.05 -3.26	20.82 0.99 -3.64	19.89 0.89 -3.34	20.68 0.96 -3.64	18.99 0.96 0.01	22.66 1.32 -0.02	26.35 1.28 -6.52	28.71 1.31 -8.10	31.94 1.73 -4.02	30.84 1.72 -2.61	31.52 1.36 -8.86	30.88 0.80 -17.69	30.99 1.06 -13.31	29.60 0.55 -20.30	29.01 0.55 -19.94	29.54 0.72 -17.59	33.48 0.69 -21.73	37.55 1.28 -16.35	35.84 1.04 -18.79	31.23 0.97 -15.28	28.83 0.61 -18.81	25.31 0.64 -14.80	23.54 0.84 -9.33
NYPA_HARLEM__RVR_GT1 24160	24.36 1.21 -0.21	21.71 0.94 -3.26	20.70 0.87 -3.64	19.78 0.78 -3.34	20.57 0.85 -3.64	18.83 0.79 0.01	22.43 1.09 -0.02	26.13 1.06 -6.52	28.51 1.12 -8.10	31.65 1.44 -4.02	30.55 1.43 -2.61	31.30 1.15 -8.86	30.74 0.67 -17.69	30.81 0.88 -13.31	29.49 0.45 -20.30	28.91 0.44 -19.94	29.41 0.58 -17.59	33.36 0.56 -21.73	37.33 1.06 -16.35	35.67 0.86 -18.79	31.03 0.78 -15.28	28.70 0.49 -18.81	25.18 0.51 -14.80	23.41 0.71 -9.33
NYPA_HARLEM__RVR_GT2 24161	24.36 1.21 -0.21	21.71 0.94 -3.26	20.70 0.87 -3.64	19.78 0.78 -3.34	20.57 0.85 -3.64	18.83 0.79 0.01	22.43 1.09 -0.02	26.13 1.06 -6.52	28.51 1.12 -8.10	31.65 1.44 -4.02	30.55 1.43 -2.61	31.30 1.15 -8.86	30.74 0.67 -17.69	30.81 0.88 -13.31	29.49 0.45 -20.30	28.91 0.44 -19.94	29.41 0.58 -17.59	33.36 0.56 -21.73	37.33 1.06 -16.35	35.67 0.86 -18.79	31.03 0.78 -15.28	28.70 0.49 -18.81	25.18 0.51 -14.80	23.41 0.71 -9.33
NYPA_KENT___GT 24152	24.47 1.33 -0.21	21.78 1.01 -3.26	20.78 0.95 -3.64	19.86 0.86 -3.34	20.65 0.93 -3.64	18.98 0.94 0.01	22.62 1.28 -0.02	26.31 1.24 -6.52	28.69 1.29 -8.10	31.89 1.68 -4.02	30.79 1.67 -2.61	31.47 1.32 -8.86	30.85 0.78 -17.69	30.96 1.03 -13.31	29.57 0.52 -20.30	28.99 0.53 -19.94	29.52 0.70 -17.59	33.46 0.66 -21.73	37.51 1.24 -16.35	35.81 1.01 -18.79	31.18 0.93 -15.28	28.81 0.59 -18.81	25.28 0.61 -14.80	23.52 0.82 -9.33

NYPA_POUCH1____GT 24155	24.54 1.40 -0.21	21.84 1.07 -3.26	20.83 1.00 -3.64	19.90 0.91 -3.34	20.70 0.98 -3.64	19.01 0.97 0.01	22.68 1.34 -0.02	26.37 1.30 -6.52	28.72 1.33 -8.10	31.96 1.76 -4.02	30.86 1.75 -2.61	31.54 1.38 -8.86	30.89 0.82 -17.69	31.01 1.08 -13.31	29.61 0.56 -20.30	29.02 0.55 -19.94	29.56 0.74 -17.59	33.49 0.70 -21.73	37.59 1.31 -16.35	35.86 1.06 -18.79	31.24 0.99 -15.28	28.84 0.63 -18.81	25.32 0.65 -14.80	23.56 0.86 -9.33
NYPA_VERNON____GT2 24162	24.40 1.26 -0.21	21.75 0.98 -3.26	20.75 0.92 -3.64	19.82 0.83 -3.34	20.63 0.92 -3.64	18.96 0.92 0.01	22.58 1.24 -0.02	26.28 1.21 -6.52	28.65 1.25 -8.10	31.83 1.62 -4.02	30.73 1.62 -2.61	31.43 1.28 -8.86	30.83 0.76 -17.69	30.91 0.98 -13.31	29.56 0.51 -20.30	28.97 0.50 -19.94	29.49 0.66 -17.59	33.44 0.64 -21.73	37.47 1.20 -16.35	35.76 0.96 -18.79	31.14 0.88 -15.28	28.78 0.56 -18.81	25.26 0.59 -14.80	23.49 0.79 -9.33
NYPA_VERNON____GT3 24163	24.40 1.26 -0.21	21.75 0.98 -3.26	20.75 0.92 -3.64	19.82 0.83 -3.34	20.63 0.92 -3.64	18.96 0.92 0.01	22.58 1.24 -0.02	26.28 1.21 -6.52	28.65 1.25 -8.10	31.83 1.62 -4.02	30.73 1.62 -2.61	31.43 1.28 -8.86	30.83 0.76 -17.69	30.91 0.98 -13.31	29.56 0.51 -20.30	28.97 0.50 -19.94	29.49 0.66 -17.59	33.44 0.64 -21.73	37.47 1.20 -16.35	35.76 0.96 -18.79	31.14 0.88 -15.28	28.78 0.56 -18.81	25.26 0.59 -14.80	23.49 0.79 -9.33
NYPA____ASTORIA_CC1 323568	24.38 1.24 -0.21	21.73 0.96 -3.26	20.75 0.92 -3.64	19.82 0.83 -3.34	20.62 0.90 -3.64	18.94 0.90 0.01	22.55 1.21 -0.02	26.24 1.17 -6.52	28.63 1.24 -8.10	31.78 1.57 -4.02	30.68 1.56 -2.61	31.41 1.26 -8.86	30.80 0.73 -17.69	30.89 0.96 -13.31	29.54 0.49 -20.30	28.95 0.49 -19.94	29.47 0.65 -17.59	33.41 0.62 -21.73	37.43 1.16 -16.35	35.75 0.94 -18.79	31.11 0.85 -15.28	28.76 0.55 -18.81	25.25 0.58 -14.80	23.48 0.78 -9.33
NYPA____ASTORIA_CC2 323569	24.38 1.24 -0.21	21.73 0.96 -3.26	20.75 0.92 -3.64	19.82 0.83 -3.34	20.62 0.90 -3.64	18.94 0.90 0.01	22.55 1.21 -0.02	26.24 1.17 -6.52	28.63 1.24 -8.10	31.78 1.57 -4.02	30.68 1.56 -2.61	31.41 1.26 -8.86	30.80 0.73 -17.69	30.89 0.96 -13.31	29.54 0.49 -20.30	28.95 0.49 -19.94	29.47 0.65 -17.59	33.41 0.62 -21.73	37.43 1.16 -16.35	35.75 0.94 -18.79	31.11 0.85 -15.28	28.76 0.55 -18.81	25.25 0.58 -14.80	23.48 0.78 -9.33
NYPA____HOLTSVILL 23794	25.47 2.25 -0.29	22.38 1.61 -3.27	21.25 1.42 -3.64	20.23 1.24 -3.34	21.15 1.43 -3.64	19.70 1.66 0.00	23.48 2.11 -0.05	28.36 2.11 -7.69	29.63 2.14 -8.20	38.75 2.86 -9.70	36.08 2.41 -7.17	36.72 1.72 -13.70	36.71 1.14 -23.19	36.71 1.44 -18.66	36.07 0.87 -26.45	36.71 0.89 -27.30	37.99 1.15 -25.61	62.69 0.86 -50.77	100.15 1.67 -78.55	42.63 1.39 -25.23	38.03 1.39 -21.66	36.07 0.99 -25.68	33.97 1.09 -23.01	24.24 1.47 -9.39
NYPA____HELLGATE_GT1 24158	24.36 1.21 -0.21	21.71 0.94 -3.26	20.70 0.87 -3.64	19.78 0.78 -3.34	20.57 0.85 -3.64	18.83 0.79 0.01	22.43 1.09 -0.02	26.13 1.06 -6.52	28.51 1.12 -8.10	31.65 1.44 -4.02	30.55 1.43 -2.61	31.30 1.15 -8.86	30.74 0.67 -17.69	30.81 0.88 -13.31	29.49 0.45 -20.30	28.91 0.44 -19.94	29.41 0.58 -17.59	33.35 0.55 -21.73	37.31 1.04 -16.35	35.65 0.85 -18.79	31.02 0.76 -15.28	28.70 0.49 -18.81	25.18 0.51 -14.80	23.41 0.71 -9.33
NYPA____HELLGATE_GT2 24159	24.36 1.21 -0.21	21.71 0.94 -3.26	20.70 0.87 -3.64	19.78 0.78 -3.34	20.57 0.85 -3.64	18.83 0.79 0.01	22.43 1.09 -0.02	26.13 1.06 -6.52	28.51 1.12 -8.10	31.65 1.44 -4.02	30.55 1.43 -2.61	31.30 1.15 -8.86	30.74 0.67 -17.69	30.81 0.88 -13.31	29.49 0.45 -20.30	28.91 0.44 -19.94	29.41 0.58 -17.59	33.35 0.55 -21.73	37.31 1.04 -16.35	35.65 0.85 -18.79	31.02 0.76 -15.28	28.70 0.49 -18.81	25.18 0.51 -14.80	23.41 0.71 -9.33
NYS_BARGE____HYD 23848	23.15 0.16 -0.06	18.56 0.14 -0.92	17.44 0.23 -1.02	16.64 0.05 -0.94	17.14 0.05 -1.02	18.33 0.29 0.00	21.48 0.15 -0.01	20.05 -0.33 -1.83	20.94 -0.62 -2.27	26.14 -1.18 -1.13	26.15 -1.09 -0.73	23.05 -0.72 -2.48	16.99 -0.35 -4.95	19.89 -0.45 -3.73	14.24 -0.19 -5.68	13.96 -0.14 -5.58	15.98 -0.12 -4.87	16.97 -0.10 -6.01	24.21 -0.24 -4.52	21.10 -0.11 -5.20	19.13 -0.07 -4.23	14.56 -0.05 -5.20	13.99 0.02 -4.09	16.16 0.20 -2.58
OAK ORCHARD____HYD 24046	23.28 0.30 -0.05	18.53 0.21 -0.82	17.31 0.21 -0.91	16.62 0.12 -0.83	17.11 0.13 -0.91	18.23 0.18 0.00	21.60 0.28 -0.01	20.27 0.09 -1.62	21.37 0.06 -2.02	27.12 -0.08 -1.00	27.15 0.00 -0.65	23.54 0.04 -2.21	16.88 0.09 -4.41	20.08 0.15 -3.32	13.92 0.11 -5.06	13.61 0.12 -4.97	15.77 0.20 -4.33	16.65 0.23 -5.35	24.39 0.44 -4.03	20.99 0.35 -4.63	19.07 0.33 -3.76	14.22 0.19 -4.63	13.75 0.24 -3.64	16.03 0.36 -2.29
OAKDALE__35_KV_LOAD 356122	23.56 0.53 -0.09	19.35 0.37 -1.48	18.19 0.36 -1.65	17.47 0.30 -1.51	18.04 0.32 -1.65	18.61 0.56 0.00	21.84 0.51 -0.01	21.91 0.41 -2.95	23.29 0.33 -3.66	28.38 0.37 -1.82	28.08 0.40 -1.19	25.64 0.34 -4.01	20.62 0.24 -8.00	22.95 0.32 -6.02	18.11 0.18 -9.18	17.73 0.19 -9.02	19.49 0.29 -7.96	21.20 0.30 -9.83	27.88 0.56 -7.40	24.98 0.46 -8.51	22.33 0.43 -6.92	18.19 0.27 -8.51	16.86 0.29 -6.70	18.01 0.41 -4.22
OCC_CHEM____DRP 24175	22.67 -0.32 -0.06	18.21 -0.23 -0.93	17.13 -0.10 -1.04	16.33 -0.28 -0.96	16.86 -0.26 -1.04	18.01 -0.04 0.00	21.11 -0.21 -0.01	19.94 -0.48 -1.86	20.65 -0.96 -2.32	25.72 -1.62 -1.15	25.74 -1.51 -0.75	22.74 -1.09 -2.53	16.88 -0.56 -5.06	19.71 -0.71 -3.81	14.21 -0.33 -5.80	13.94 -0.28 -5.70	15.97 -0.30 -5.03	16.97 -0.30 -6.21	23.97 -0.64 -4.68	20.97 -0.42 -5.38	19.02 -0.33 -4.37	14.59 -0.20 -5.38	13.98 -0.13 -4.23	16.00 -0.04 -2.67
OH_GEN_PROXY 24063	22.90 -0.09 -0.06	18.40 -0.03 -0.93	17.29 0.07 -1.04	16.50 -0.11 -0.95	17.00 -0.11 -1.04	18.10 0.05 0.00	21.37 0.04 -0.01	20.76 -0.37 -2.57	20.20 -0.68 -1.58	26.08 -1.26 -1.14	26.05 -1.19 -0.74	23.00 -0.81 -2.52	17.03 -0.38 -5.03	19.90 -0.50 -3.78	14.30 -0.21 -5.77	14.02 -0.17 -5.67	16.02 -0.16 -4.94	17.02 -0.14 -6.10	24.18 -0.34 -4.59	21.10 -0.19 -5.28	19.12 -0.15 -4.29	14.61 -0.08 -5.28	14.01 -0.02 -4.16	16.10 0.11 -2.62
OLIN_CORP_DRP 24177	22.90 -0.09 -0.06	18.41 -0.04 -0.94	17.30 0.06 -1.04	16.51 -0.11 -0.96	17.02 -0.10 -1.04	18.26 0.22 0.00	21.24 -0.09 -0.01	19.98 -0.45 -1.87	20.71 -0.91 -2.32	25.80 -1.55 -1.15	25.82 -1.43 -0.75	22.81 -1.02 -2.54	16.94 -0.51 -5.07	19.76 -0.66 -3.81	14.26 -0.30 -5.81	13.99 -0.25 -5.71	16.01 -0.27 -5.04	17.04 -0.25 -6.23	24.08 -0.54 -4.69	21.06 -0.34 -5.39	19.07 -0.28 -4.38	14.64 -0.16 -5.39	14.02 -0.10 -4.24	16.11 0.07 -2.67
OLIN_CORP_DSASP 323712	22.65 -0.34 -0.06	18.21 -0.23 -0.93	17.13 -0.10 -1.04	16.35 -0.27 -0.96	16.84 -0.27 -1.04	17.88 -0.16 0.00	21.14 -0.19 -0.01	19.81 -0.61 -1.86	20.66 -0.95 -2.31	25.72 -1.62 -1.15	25.71 -1.54 -0.75	22.74 -1.08 -2.53	16.87 -0.56 -5.05	19.70 -0.71 -3.80	14.20 -0.33 -5.79	13.93 -0.28 -5.69	15.90 -0.30 -4.96	16.89 -0.30 -6.13	23.90 -0.64 -4.61	20.89 -0.42 -5.30	18.96 -0.33 -4.31	14.51 -0.20 -5.31	13.92 -0.13 -4.18	15.97 -0.04 -2.63

ONEIDA_HERK_LFGE 323681	23.22 0.28 -0.01	17.85 0.18 -0.17	16.50 0.13 -0.19	15.95 0.12 -0.17	16.40 0.14 -0.19	18.26 0.22 0.00	21.56 0.23 0.00	19.08 0.19 -0.33	20.00 0.29 -0.41	26.79 0.39 -0.21	27.06 0.42 -0.13	22.04 0.30 -0.45	13.46 0.17 -0.91	17.51 0.22 -0.68	9.92 0.14 -1.04	9.69 0.14 -1.02	12.53 0.19 -1.11	12.65 0.22 -1.37	20.66 0.44 -0.30	16.79 0.34 -0.45	15.56 0.33 -0.25	10.34 0.21 -0.73	10.54 0.22 -0.45	13.53 0.24 0.09
ONEIDA___115KV_TB4 55905	23.50 0.55 -0.02	18.13 0.37 -0.26	16.78 0.31 -0.28	16.23 0.31 -0.26	16.68 0.32 -0.28	18.46 0.42 0.00	21.81 0.49 0.00	19.47 0.41 -0.51	20.45 0.52 -0.63	27.16 0.65 -0.31	27.42 0.72 -0.20	22.53 0.55 -0.69	14.10 0.33 -1.38	18.12 0.47 -1.04	10.60 0.27 -1.58	10.35 0.27 -1.56	12.99 0.38 -1.37	13.18 0.42 -1.70	21.98 0.78 -1.28	18.10 0.62 -1.47	16.77 0.60 -1.19	11.24 0.37 -1.47	11.40 0.38 -1.16	14.57 0.47 -0.73
ONONDAGA_REF_OCCRA 23987	23.19 0.21 -0.05	18.42 0.12 -0.79	17.18 0.11 -0.88	16.54 0.08 -0.81	17.05 0.10 -0.88	18.23 0.18 0.00	21.48 0.15 -0.01	20.29 0.17 -1.57	21.40 0.15 -1.95	27.32 0.16 -0.97	27.34 0.21 -0.63	23.62 0.19 -2.14	16.79 0.15 -4.26	20.02 0.20 -3.21	13.77 0.13 -4.89	13.46 0.14 -4.81	15.69 0.21 -4.24	16.53 0.22 -5.24	24.27 0.40 -3.94	20.86 0.32 -4.53	18.96 0.30 -3.69	14.13 0.19 -4.54	13.63 0.19 -3.57	15.89 0.27 -2.25
ONONDAGA___COGEN 23986	23.26 0.28 -0.05	18.44 0.18 -0.76	17.19 0.16 -0.85	16.56 0.13 -0.77	17.06 0.14 -0.85	18.26 0.22 0.00	21.54 0.21 -0.01	20.29 0.22 -1.51	21.40 0.23 -1.88	27.39 0.26 -0.93	27.43 0.32 -0.61	23.62 0.28 -2.05	16.68 0.20 -4.10	19.98 0.28 -3.09	13.62 0.17 -4.71	13.31 0.17 -4.62	15.56 0.25 -4.08	16.37 0.27 -5.04	24.20 0.48 -3.79	20.75 0.38 -4.36	18.88 0.36 -3.55	13.99 0.23 -4.36	13.53 0.23 -3.43	15.86 0.32 -2.16
ONTARIO___LFGE 23819	23.61 0.62 -0.06	18.77 0.37 -0.90	17.55 0.36 -1.00	16.84 0.27 -0.92	17.37 0.29 -1.00	18.55 0.50 0.00	21.84 0.51 -0.01	20.76 0.41 -1.79	21.89 0.37 -2.23	27.72 0.42 -1.11	27.64 0.42 -0.72	24.11 0.38 -2.44	17.51 0.26 -4.86	20.64 0.37 -3.66	14.56 0.23 -5.58	14.24 0.24 -5.48	16.39 0.38 -4.77	17.37 0.42 -5.89	25.12 0.76 -4.43	21.71 0.61 -5.10	19.67 0.55 -4.14	14.84 0.34 -5.10	14.24 0.35 -4.01	16.41 0.51 -2.53
ORANGEVILLE_WT_PWR 323706	23.37 0.37 -0.07	18.73 0.19 -1.03	17.60 0.26 -1.15	16.83 0.11 -1.06	17.32 0.10 -1.15	18.53 0.49 0.00	21.61 0.28 -0.01	20.49 -0.13 -2.06	21.43 -0.42 -2.56	26.62 -0.84 -1.27	26.53 -0.79 -0.83	23.56 -0.53 -2.80	17.71 -0.26 -5.59	20.46 -0.37 -4.21	15.01 -0.15 -6.42	14.71 -0.12 -6.30	16.64 -0.09 -5.49	17.78 -0.07 -6.78	24.89 -0.14 -5.11	21.83 -0.05 -5.87	19.72 -0.03 -4.77	15.26 -0.02 -5.87	14.52 0.03 -4.62	16.43 0.15 -2.91
ORANGEVILLE___ESR 323794	23.37 0.37 -0.07	18.73 0.19 -1.03	17.60 0.26 -1.15	16.83 0.11 -1.06	17.32 0.10 -1.15	18.53 0.49 0.00	21.61 0.28 -0.01	20.49 -0.13 -2.06	21.43 -0.42 -2.56	26.62 -0.84 -1.27	26.53 -0.79 -0.83	23.56 -0.53 -2.80	17.71 -0.26 -5.59	20.46 -0.37 -4.21	15.01 -0.15 -6.42	14.71 -0.12 -6.30	16.64 -0.09 -5.49	17.78 -0.07 -6.78	24.89 -0.14 -5.11	21.83 -0.05 -5.87	19.72 -0.03 -4.77	15.26 -0.02 -5.87	14.52 0.03 -4.62	16.43 0.15 -2.91
OSWEGATCHIE___HYD 24044	22.58 -0.37 -0.01	17.40 -0.28 -0.17	16.07 -0.31 -0.19	15.58 -0.25 -0.18	16.01 -0.26 -0.19	17.76 -0.29 0.00	20.96 -0.36 0.00	18.57 -0.33 -0.34	19.47 -0.25 -0.43	26.14 -0.26 -0.21	26.32 -0.32 -0.14	21.41 -0.34 -0.47	12.99 -0.32 -0.93	16.88 -0.43 -0.70	9.60 -0.22 -1.07	9.37 -0.20 -1.05	11.93 -0.31 -1.01	12.02 -0.29 -1.24	13.60 -0.52 5.81	9.84 -0.43 5.74	8.94 -0.36 5.68	6.06 -0.18 3.16	6.08 -0.16 3.64	7.35 -0.28 5.74
OSWEGO___5 23606	22.65 -0.32 -0.03	17.75 -0.26 -0.51	16.51 -0.24 -0.56	15.92 -0.25 -0.52	16.38 -0.26 -0.56	17.78 -0.27 0.00	20.98 -0.34 0.00	19.25 -0.32 -1.01	20.22 -0.33 -1.25	26.34 -0.47 -0.62	26.46 -0.45 -0.41	22.30 -0.36 -1.37	14.93 -0.19 -2.74	18.44 -0.23 -2.06	11.78 -0.10 -3.14	11.51 -0.09 -3.09	13.82 -0.11 -2.70	14.29 -0.10 -3.33	22.25 -0.18 -2.51	18.75 -0.14 -2.88	17.18 -0.14 -2.34	12.20 -0.08 -2.88	12.05 -0.09 -2.27	14.68 -0.12 -1.43
OSWEGO___6 23613	22.65 -0.32 -0.03	17.75 -0.26 -0.51	16.51 -0.24 -0.56	15.92 -0.25 -0.52	16.38 -0.26 -0.56	17.78 -0.27 0.00	20.98 -0.34 0.00	19.25 -0.32 -1.01	20.22 -0.33 -1.25	26.34 -0.47 -0.62	26.46 -0.45 -0.41	22.30 -0.36 -1.37	14.93 -0.19 -2.74	18.44 -0.23 -2.06	11.78 -0.10 -3.14	11.51 -0.09 -3.09	13.82 -0.11 -2.70	14.29 -0.10 -3.33	22.25 -0.18 -2.51	18.75 -0.14 -2.88	17.18 -0.14 -2.34	12.20 -0.08 -2.88	12.05 -0.09 -2.27	14.68 -0.12 -1.43
OUTOKUMPU-AB___DRP 24206	23.20 0.21 -0.06	18.60 0.16 -0.94	17.49 0.26 -1.05	16.68 0.06 -0.96	17.20 0.08 -1.05	18.53 0.49 0.00	21.56 0.23 -0.01	20.30 -0.13 -1.88	21.05 -0.58 -2.33	26.27 -1.07 -1.16	26.30 -0.95 -0.75	23.20 -0.64 -2.55	17.16 -0.31 -5.09	20.04 -0.40 -3.83	14.41 -0.17 -5.84	14.14 -0.12 -5.73	16.22 -0.08 -5.06	17.24 -0.08 -6.25	24.43 -0.20 -4.71	21.36 -0.06 -5.41	19.34 -0.03 -4.40	14.81 -0.01 -5.41	14.19 0.06 -4.26	16.27 0.21 -2.68
OXBOW___ 24026	22.99 0.00 -0.06	18.44 0.00 -0.94	17.35 0.11 -1.05	16.55 -0.06 -0.96	17.06 -0.06 -1.05	18.19 0.14 0.00	21.39 0.06 -0.01	20.03 -0.39 -1.87	20.90 -0.71 -2.32	26.04 -1.31 -1.15	26.03 -1.22 -0.75	23.02 -0.81 -2.54	17.04 -0.41 -5.06	19.91 -0.52 -3.81	14.33 -0.23 -5.81	14.05 -0.18 -5.71	16.05 -0.17 -4.98	17.05 -0.15 -6.15	24.17 -0.38 -4.63	21.12 -0.21 -5.32	19.15 -0.15 -4.33	14.64 -0.08 -5.32	14.05 -0.01 -4.19	16.12 0.11 -2.64
OXY_CHEM_DSASP 323612	22.67 -0.32 -0.06	18.21 -0.23 -0.93	17.13 -0.10 -1.04	16.33 -0.28 -0.96	16.86 -0.26 -1.04	18.01 -0.04 0.00	21.11 -0.21 -0.01	19.94 -0.48 -1.86	20.65 -0.96 -2.32	25.72 -1.62 -1.15	25.74 -1.51 -0.75	22.74 -1.09 -2.53	16.88 -0.56 -5.06	19.71 -0.71 -3.81	14.21 -0.33 -5.80	13.94 -0.28 -5.70	15.97 -0.30 -5.03	16.97 -0.30 -6.21	23.97 -0.64 -4.68	20.97 -0.42 -5.38	19.02 -0.33 -4.37	14.59 -0.20 -5.38	13.98 -0.13 -4.23	16.00 -0.04 -2.67
OZONE_PARK_ESR 323760	24.61 1.47 -0.21	21.89 1.12 -3.26	20.88 1.05 -3.64	19.97 0.97 -3.34	20.71 1.00 -3.64	19.11 1.06 0.00	22.82 1.47 -0.03	26.46 1.39 -6.51	28.87 1.49 -8.09	32.12 1.91 -4.02	31.03 1.91 -2.62	31.68 1.53 -8.85	30.94 0.89 -17.66	31.09 1.18 -13.30	29.62 0.60 -20.27	29.03 0.60 -19.91	29.65 0.80 -17.62	33.62 0.79 -21.77	37.74 1.43 -16.38	36.01 1.17 -18.83	31.33 1.05 -15.31	28.92 0.67 -18.85	25.41 0.71 -14.83	23.65 0.94 -9.34
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	22.67 -0.32 -0.06	18.21 -0.23 -0.93	17.13 -0.10 -1.04	16.33 -0.28 -0.96	16.86 -0.26 -1.04	18.01 -0.04 0.00	21.11 -0.21 -0.01	19.94 -0.48 -1.86	20.65 -0.96 -2.32	25.72 -1.62 -1.15	25.74 -1.51 -0.75	22.74 -1.09 -2.53	16.88 -0.56 -5.06	19.71 -0.71 -3.81	14.21 -0.33 -5.80	13.94 -0.28 -5.70	15.97 -0.30 -5.03	16.97 -0.30 -6.21	23.97 -0.64 -4.68	20.97 -0.42 -5.38	19.02 -0.33 -4.37	14.59 -0.20 -5.38	13.98 -0.13 -4.23	16.00 -0.04 -2.67

PACKARD__115KV_DUPONT_184 80571	22.67 -0.32 -0.06	18.21 -0.23 -0.93	17.13 -0.10 -1.04	16.33 -0.28 -0.96	16.86 -0.26 -1.04	18.01 -0.04 0.00	21.11 -0.21 -0.01	19.94 -0.48 -1.86	20.65 -0.96 -2.32	25.72 -1.62 -1.15	25.74 -1.51 -0.75	22.74 -1.09 -2.53	16.88 -0.56 -5.06	19.71 -0.71 -3.81	14.21 -0.33 -5.80	13.94 -0.28 -5.70	15.97 -0.30 -5.03	16.97 -0.30 -6.21	23.97 -0.64 -4.68	20.97 -0.42 -5.38	19.02 -0.33 -4.37	14.59 -0.20 -5.38	13.98 -0.13 -4.23	16.00 -0.04 -2.67
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	24.41 1.26 -0.21	21.75 0.98 -3.26	20.75 0.92 -3.64	19.81 0.81 -3.34	20.55 0.84 -3.64	18.86 0.81 0.00	22.48 1.13 -0.03	26.14 1.08 -6.51	28.52 1.14 -8.09	31.68 1.47 -4.02	30.55 1.43 -2.62	31.31 1.17 -8.85	30.73 0.68 -17.66	30.81 0.90 -13.30	29.47 0.45 -20.27	28.89 0.45 -19.91	29.45 0.60 -17.62	33.42 0.59 -21.77	37.38 1.08 -16.38	35.70 0.86 -18.83	31.08 0.79 -15.31	28.76 0.51 -18.85	25.23 0.53 -14.83	23.46 0.75 -9.34
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	24.59 1.44 -0.21	21.91 1.14 -3.26	20.90 1.07 -3.64	19.97 0.97 -3.34	20.71 1.00 -3.64	19.02 0.97 0.00	22.67 1.32 -0.03	26.31 1.24 -6.51	28.72 1.33 -8.09	31.91 1.70 -4.02	30.79 1.67 -2.62	31.48 1.34 -8.85	30.83 0.78 -17.66	30.92 1.01 -13.30	29.53 0.52 -20.27	28.95 0.51 -19.91	29.54 0.69 -17.62	33.51 0.67 -21.77	37.54 1.24 -16.38	35.83 0.99 -18.83	31.18 0.90 -15.31	28.82 0.57 -18.85	25.31 0.61 -14.83	23.57 0.86 -9.34
PATROON__115KV_TB1 80586	24.15 0.96 -0.26	22.20 0.72 -3.98	21.29 0.66 -4.44	20.35 0.63 -4.06	21.17 0.66 -4.44	18.79 0.74 0.00	22.33 0.98 -0.03	27.28 0.80 -7.93	30.00 0.85 -9.85	32.21 1.13 -4.89	30.85 1.17 -3.19	33.05 0.98 -10.78	34.46 0.57 -21.51	33.57 0.76 -16.19	33.81 0.38 -24.69	33.14 0.37 -24.25	33.15 0.48 -21.43	38.03 0.49 -26.48	40.73 0.88 -19.92	39.61 0.70 -22.90	34.25 0.66 -18.62	32.73 0.40 -22.92	28.34 0.43 -18.03	25.32 0.59 -11.36
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	22.91 -0.09 -0.06	18.40 -0.09 -0.98	17.30 0.02 -1.09	16.50 -0.16 -1.00	17.02 -0.14 -1.09	18.93 0.88 0.00	21.35 0.02 -0.01	20.20 -0.32 -1.96	20.95 -0.77 -2.43	26.06 -1.34 -1.21	26.07 -1.22 -0.79	23.08 -0.87 -2.66	17.23 -0.46 -5.31	19.99 -0.61 -4.00	14.55 -0.29 -6.09	14.27 -0.24 -5.98	16.28 -0.24 -5.28	17.37 -0.22 -6.53	24.46 -0.38 -4.91	21.41 -0.24 -5.64	19.36 -0.21 -4.59	14.92 -0.13 -5.65	14.23 -0.09 -4.45	16.16 -0.01 -2.80
PAWLING_115_KV_BK3_REV_LBMP_H 345028	24.43 1.28 -0.21	21.78 1.00 -3.28	20.77 0.92 -3.66	19.87 0.86 -3.35	20.58 0.85 -3.66	19.00 0.96 0.00	22.61 1.26 -0.03	26.28 1.19 -6.54	28.69 1.27 -8.12	31.95 1.73 -4.03	30.82 1.70 -2.63	31.54 1.36 -8.89	30.90 0.78 -17.73	31.01 1.05 -13.35	29.63 0.53 -20.35	29.05 0.54 -19.99	29.63 0.71 -17.69	33.61 0.70 -21.85	37.69 1.32 -16.44	35.97 1.06 -18.90	31.29 0.94 -15.37	28.92 0.60 -18.92	25.37 0.61 -14.88	23.55 0.80 -9.37
PEEKSKILL____ 23653	24.31 1.17 -0.21	21.61 0.89 -3.21	20.61 0.84 -3.58	19.71 0.77 -3.28	20.47 0.82 -3.58	18.95 0.90 0.00	22.52 1.17 -0.03	26.12 1.15 -6.41	28.44 1.18 -7.97	31.69 1.54 -3.96	30.62 1.54 -2.58	31.22 1.21 -8.72	30.50 0.72 -17.40	30.66 0.95 -13.10	29.21 0.49 -19.97	28.62 0.49 -19.62	29.18 0.64 -17.30	33.06 0.62 -21.37	37.18 1.18 -16.08	35.46 0.96 -18.48	30.87 0.87 -15.03	28.46 0.55 -18.50	25.00 0.57 -14.56	23.31 0.76 -9.17
PGE MADISON__WINDPWR 24146	24.80 1.77 -0.10	20.24 1.24 -1.49	18.95 1.10 -1.67	18.26 1.08 -1.53	18.87 1.12 -1.67	19.53 1.48 0.00	22.97 1.64 -0.01	22.91 1.37 -2.98	24.56 1.56 -3.70	30.05 2.02 -1.84	29.82 2.12 -1.20	27.00 1.66 -4.05	21.45 0.99 -8.08	23.99 1.30 -6.08	18.73 0.71 -9.27	18.32 0.69 -9.11	20.04 0.90 -7.90	21.81 0.98 -9.76	29.10 1.83 -7.35	25.89 1.44 -8.44	23.22 1.38 -6.86	18.70 0.85 -8.45	17.40 0.88 -6.65	18.67 1.11 -4.19
PIERCEFIELD____HYD 23852	22.50 -0.44 -0.01	17.28 -0.32 -0.09	15.97 -0.32 -0.10	15.52 -0.23 -0.10	15.92 -0.26 -0.10	17.72 -0.32 0.00	20.87 -0.45 0.00	18.35 -0.39 -0.19	19.20 -0.33 -0.23	26.04 -0.26 -0.11	26.23 -0.34 -0.07	21.12 -0.43 -0.25	12.45 -0.43 -0.50	16.39 -0.60 -0.38	9.00 -0.32 -0.58	8.76 -0.33 -0.57	11.22 -0.52 -0.50	11.14 -0.54 -0.62	9.19 -1.02 9.72	5.44 -0.82 9.75	4.81 -0.70 9.46	3.18 -0.36 5.87	3.20 -0.33 6.35	3.69 -0.48 9.21
PINELAWN_CC_1 323563	25.10 1.95 -0.21	22.17 1.40 -3.27	21.06 1.23 -3.64	20.06 1.07 -3.34	20.95 1.24 -3.64	19.47 1.43 0.00	23.21 1.85 -0.04	28.04 1.87 -7.61	29.33 1.91 -8.12	33.16 2.54 -4.43	31.62 2.17 -2.95	32.08 1.58 -9.22	31.52 1.04 -18.09	31.62 1.30 -13.71	30.29 0.79 -20.76	29.80 0.79 -20.49	30.44 1.03 -18.17	35.69 0.80 -23.83	42.31 1.56 -20.83	36.56 1.28 -19.26	31.99 1.27 -15.75	29.65 0.88 -19.36	26.42 0.97 -15.58	24.02 1.31 -9.34
PJM_GEN_HTP_PROXY 323702	24.50 1.35 -0.21	21.78 1.01 -3.26	20.80 0.97 -3.64	19.89 0.89 -3.34	20.66 0.95 -3.64	19.06 1.01 0.00	22.71 1.37 -0.03	27.12 1.32 -7.25	28.05 1.37 -7.39	32.00 1.78 -4.02	30.87 1.75 -2.62	31.56 1.40 -8.87	30.90 0.82 -17.70	31.02 1.08 -13.32	29.62 0.56 -20.31	29.03 0.55 -19.95	29.56 0.73 -17.59	33.50 0.70 -21.74	37.58 1.29 -16.36	35.87 1.06 -18.80	31.22 0.96 -15.29	28.83 0.61 -18.82	25.33 0.65 -14.81	23.57 0.87 -9.33
PJM_GEN_KEystone 24065	23.69 0.62 -0.14	20.05 0.42 -2.12	18.98 0.42 -2.37	18.16 0.33 -2.17	18.80 0.35 -2.37	18.64 0.59 0.00	21.93 0.60 -0.02	23.98 0.46 -4.96	24.15 0.31 -4.55	29.07 0.26 -2.61	28.47 0.26 -1.70	27.31 0.26 -5.76	24.07 0.19 -11.50	25.52 0.25 -8.66	22.08 0.14 -13.20	21.64 0.15 -12.97	22.89 0.24 -11.42	25.41 0.24 -14.11	31.04 0.50 -10.62	28.64 0.43 -12.20	25.27 0.37 -9.92	21.86 0.24 -12.21	19.74 0.26 -9.61	19.83 0.40 -6.05
PJM_GEN_NEPTUNE_PROXY 323594	24.75 1.60 -0.21	21.91 1.14 -3.27	20.83 1.00 -3.64	19.86 0.86 -3.34	20.73 1.01 -3.64	19.20 1.16 0.00	22.87 1.51 -0.04	28.50 1.61 -8.33	28.33 1.64 -7.39	32.36 2.15 -4.02	30.95 1.83 -2.62	31.48 1.32 -8.87	30.96 0.88 -17.70	31.03 1.10 -13.32	29.72 0.66 -20.32	29.14 0.66 -19.96	29.69 0.85 -17.60	33.45 0.64 -21.74	37.54 1.26 -16.36	35.87 1.06 -18.80	31.31 1.05 -15.29	29.00 0.72 -18.88	25.48 0.80 -14.81	23.79 1.08 -9.33
PJM_GEN_VFT_PROXY 323633	24.34 1.19 -0.21	21.68 0.91 -3.26	20.72 0.89 -3.64	19.81 0.81 -3.34	20.60 0.88 -3.64	18.95 0.90 0.00	22.56 1.21 -0.03	27.01 1.21 -7.25	27.93 1.25 -7.39	31.81 1.60 -4.02	30.71 1.59 -2.62	31.42 1.26 -8.87	30.82 0.74 -17.70	30.92 0.98 -13.32	29.55 0.50 -20.31	28.97 0.49 -19.95	29.49 0.66 -17.59	33.42 0.62 -21.74	37.44 1.16 -16.36	35.74 0.93 -18.80	31.12 0.85 -15.29	28.78 0.55 -18.82	25.27 0.59 -14.81	23.48 0.78 -9.33
PLATSBRG_115KV_PMLD1 355749	22.98 0.05 0.00	17.61 0.11 0.00	16.28 0.10 0.00	15.89 0.23 0.00	16.33 0.26 0.00	18.35 0.31 0.00	21.60 0.28 0.00	18.78 0.22 0.00	19.58 0.29 0.00	26.85 0.65 0.00	27.00 0.50 0.00	21.69 0.40 0.00	12.49 0.11 0.00	16.75 0.13 0.00	8.76 0.02 0.00	8.51 -0.01 0.00	11.16 -0.08 0.00	10.83 -0.23 0.00	6.65 -0.64 12.63	2.55 -0.69 12.77	1.99 -0.70 12.28	0.96 -0.50 7.94	0.91 -0.56 8.40	0.77 -0.86 11.75

PLEASANTVLY___LBMP 24000	24.23 1.08 -0.22	21.72 0.82 -3.39	20.75 0.78 -3.79	19.85 0.72 -3.47	20.60 0.74 -3.79	18.86 0.81 0.00	22.44 1.09 -0.03	26.31 0.98 -6.77	28.75 1.04 -8.41	31.75 1.39 -4.17	30.57 1.35 -2.72	31.58 1.09 -9.20	31.38 0.64 -18.36	31.28 0.85 -13.82	30.24 0.43 -21.07	29.64 0.43 -20.70	30.10 0.56 -18.30	34.23 0.55 -22.61	37.96 1.02 -17.02	36.40 0.83 -19.56	31.63 0.75 -15.90	29.46 0.48 -19.58	25.78 0.50 -15.40	23.76 0.68 -9.70
PLSNTVLE_13_KV_13.8KVDIST 80602	24.38 1.24 -0.21	21.73 0.95 -3.28	20.74 0.89 -3.66	19.83 0.81 -3.35	20.57 0.84 -3.66	18.98 0.94 0.00	22.61 1.26 -0.03	26.29 1.19 -6.54	28.68 1.25 -8.13	31.88 1.65 -4.04	30.77 1.64 -2.63	31.51 1.32 -8.90	30.89 0.76 -17.75	30.98 1.00 -13.36	29.64 0.52 -20.37	29.05 0.51 -20.01	29.62 0.67 -17.71	33.60 0.66 -21.88	37.62 1.24 -16.46	35.92 0.99 -18.92	31.26 0.90 -15.38	28.93 0.58 -18.94	25.38 0.60 -14.90	23.56 0.80 -9.38
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	24.38 1.24 -0.21	21.73 0.95 -3.28	20.74 0.89 -3.66	19.83 0.81 -3.35	20.57 0.84 -3.66	18.98 0.94 0.00	22.61 1.26 -0.03	26.29 1.19 -6.54	28.68 1.25 -8.13	31.88 1.65 -4.04	30.77 1.64 -2.63	31.51 1.32 -8.90	30.89 0.76 -17.75	30.98 1.00 -13.36	29.64 0.52 -20.37	29.05 0.51 -20.01	29.62 0.67 -17.71	33.60 0.66 -21.88	37.62 1.24 -16.46	35.92 0.99 -18.92	31.26 0.90 -15.38	28.93 0.58 -18.94	25.38 0.60 -14.90	23.56 0.80 -9.38
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	24.29 1.15 -0.21	21.70 0.89 -3.31	20.69 0.81 -3.69	19.81 0.77 -3.38	20.55 0.79 -3.69	18.89 0.85 0.00	22.48 1.13 -0.03	26.17 1.02 -6.59	28.57 1.08 -8.20	31.67 1.41 -4.07	30.53 1.38 -2.65	31.39 1.13 -8.97	30.93 0.66 -17.89	30.96 0.88 -13.47	29.72 0.45 -20.53	29.13 0.44 -20.17	29.68 0.60 -17.84	33.71 0.60 -22.05	37.63 1.12 -16.59	35.96 0.88 -19.07	31.27 0.79 -15.50	29.00 0.51 -19.09	25.41 0.52 -15.02	23.55 0.72 -9.46
POLETTI____ 23519	24.47 1.33 -0.21	21.80 1.03 -3.26	20.80 0.97 -3.64	19.89 0.89 -3.34	20.63 0.92 -3.64	19.02 0.97 0.00	22.69 1.34 -0.03	26.35 1.28 -6.51	28.74 1.35 -8.09	31.96 1.75 -4.02	30.84 1.72 -2.62	31.53 1.38 -8.85	30.85 0.80 -17.66	30.97 1.06 -13.30	29.56 0.54 -20.27	28.97 0.54 -19.91	29.58 0.72 -17.62	33.53 0.70 -21.77	37.58 1.28 -16.38	35.88 1.04 -18.83	31.23 0.94 -15.31	28.85 0.60 -18.85	25.34 0.64 -14.83	23.57 0.86 -9.34
POMONA___ESR 323819	24.27 1.15 -0.19	21.37 0.87 -2.99	20.33 0.81 -3.34	19.47 0.75 -3.06	20.20 0.79 -3.34	18.91 0.87 0.00	22.47 1.13 -0.03	25.67 1.11 -6.00	27.85 1.10 -7.46	31.36 1.47 -3.70	30.34 1.43 -2.41	30.60 1.15 -8.16	29.34 0.68 -16.28	29.76 0.90 -12.25	27.89 0.46 -18.68	27.33 0.46 -18.35	28.03 0.62 -16.18	31.66 0.61 -19.99	36.14 1.18 -15.04	34.24 0.94 -17.29	29.87 0.84 -14.06	27.25 0.54 -17.31	24.03 0.54 -13.62	22.69 0.74 -8.58
PORT_JEFF_3 23555	25.52 2.29 -0.29	22.42 1.64 -3.27	21.29 1.46 -3.64	20.26 1.27 -3.34	21.18 1.46 -3.64	19.74 1.70 0.00	23.52 2.15 -0.05	28.40 2.15 -7.69	29.69 2.20 -8.20	38.74 2.86 -9.69	36.05 2.39 -7.16	36.69 1.70 -13.70	36.69 1.13 -23.18	36.69 1.43 -18.65	36.05 0.87 -26.44	36.69 0.88 -27.29	37.94 1.11 -25.59	62.59 0.83 -50.70	99.93 1.59 -78.41	42.54 1.31 -25.22	37.96 1.33 -21.65	36.05 0.98 -25.67	34.33 1.09 -23.37	24.25 1.48 -9.39
PORT_JEFF_4 23616	25.52 2.29 -0.29	22.42 1.64 -3.27	21.29 1.46 -3.64	20.26 1.27 -3.34	21.18 1.46 -3.64	19.74 1.70 0.00	23.52 2.15 -0.05	28.40 2.15 -7.69	29.69 2.20 -8.20	38.74 2.86 -9.69	36.05 2.39 -7.16	36.69 1.70 -13.70	36.69 1.13 -23.18	36.69 1.43 -18.65	36.05 0.87 -26.44	36.69 0.88 -27.29	37.94 1.11 -25.59	62.59 0.83 -50.70	99.93 1.59 -78.41	42.54 1.31 -25.22	37.96 1.33 -21.65	36.05 0.98 -25.67	34.33 1.09 -23.37	24.25 1.48 -9.39
PORT_JEFF_IC 23713	25.55 2.32 -0.30	22.43 1.66 -3.27	21.30 1.47 -3.64	20.28 1.28 -3.34	21.19 1.48 -3.64	19.76 1.72 0.00	23.57 2.20 -0.05	28.45 2.19 -7.70	29.74 2.24 -8.21	38.86 2.93 -9.74	36.17 2.46 -7.20	36.79 1.77 -13.73	36.77 1.16 -23.22	36.78 1.48 -18.69	36.12 0.89 -26.48	36.77 0.90 -27.34	38.04 1.16 -25.65	62.81 0.87 -50.88	100.31 1.61 -78.77	42.62 1.34 -25.26	38.08 1.41 -21.70	36.13 1.01 -25.72	35.69 1.12 -24.70	24.29 1.51 -9.40
PPL PILGRIM_ST_GT1 24216	25.34 2.18 -0.23	22.33 1.56 -3.27	21.20 1.38 -3.64	20.19 1.19 -3.34	21.10 1.38 -3.64	19.65 1.61 0.00	23.40 2.05 -0.04	28.22 2.04 -7.63	29.49 2.07 -8.13	34.30 2.78 -5.33	32.51 2.33 -3.67	32.96 1.68 -9.99	32.46 1.11 -18.97	32.58 1.41 -14.55	31.34 0.86 -21.74	31.04 0.86 -21.66	31.79 1.11 -19.45	40.34 0.83 -28.44	52.28 1.63 -30.72	37.64 1.34 -20.29	33.08 1.35 -16.76	30.81 0.96 -20.45	27.67 1.06 -16.74	24.17 1.44 -9.35
PPL PILGRIM_ST_GT2 24217	25.34 2.18 -0.23	22.33 1.56 -3.27	21.20 1.38 -3.64	20.19 1.19 -3.34	21.10 1.38 -3.64	19.65 1.61 0.00	23.40 2.05 -0.04	28.22 2.04 -7.63	29.49 2.07 -8.13	34.30 2.78 -5.33	32.51 2.33 -3.67	32.96 1.68 -9.99	32.46 1.11 -18.97	32.58 1.41 -14.55	31.34 0.86 -21.74	31.04 0.86 -21.66	31.79 1.11 -19.45	40.34 0.83 -28.44	52.28 1.63 -30.72	37.64 1.34 -20.29	33.08 1.35 -16.76	30.81 0.96 -20.45	27.67 1.06 -16.74	24.17 1.44 -9.35
PPL_SHRM_GT3 24213	25.77 2.55 -0.29	22.61 1.84 -3.27	21.45 1.62 -3.64	20.42 1.42 -3.34	21.36 1.64 -3.64	19.94 1.89 0.00	23.78 2.41 -0.05	28.63 2.38 -7.69	29.91 2.41 -8.20	39.03 3.22 -9.62	36.41 2.81 -7.10	36.99 2.06 -13.63	36.83 1.34 -23.11	36.89 1.70 -18.58	36.11 1.01 -26.36	36.73 1.01 -27.19	38.04 1.33 -25.48	62.42 1.05 -50.30	99.51 2.03 -77.55	42.82 1.68 -25.13	38.19 1.65 -21.57	36.12 1.14 -25.58	34.66 1.23 -23.55	24.44 1.67 -9.39
PPL_SHRM_GT4 24214	25.77 2.55 -0.29	22.61 1.84 -3.27	21.45 1.62 -3.64	20.42 1.42 -3.34	21.36 1.64 -3.64	19.94 1.89 0.00	23.78 2.41 -0.05	28.63 2.38 -7.69	29.91 2.41 -8.20	39.03 3.22 -9.62	36.41 2.81 -7.10	36.99 2.06 -13.63	36.83 1.34 -23.11	36.89 1.70 -18.58	36.11 1.01 -26.36	36.73 1.01 -27.19	38.04 1.33 -25.48	62.42 1.05 -50.30	99.51 2.03 -77.55	42.82 1.68 -25.13	38.19 1.65 -21.57	36.12 1.14 -25.58	34.66 1.23 -23.55	24.44 1.67 -9.39
PROJECT___ORANGE 1 24174	23.09 0.11 -0.04	18.25 0.05 -0.70	17.01 0.05 -0.78	16.39 0.02 -0.71	16.88 0.03 -0.78	18.14 0.09 0.00	21.39 0.06 -0.01	20.02 0.07 -1.39	21.10 0.08 -1.73	27.10 0.05 -0.86	27.17 0.11 -0.56	23.29 0.11 -1.89	16.25 0.10 -3.77	19.60 0.15 -2.84	13.17 0.10 -4.33	12.88 0.10 -4.25	15.15 0.16 -3.75	15.88 0.18 -4.64	23.73 0.32 -3.49	20.28 0.26 -4.01	18.46 0.22 -3.26	13.56 0.14 -4.01	13.18 0.15 -3.16	15.58 0.21 -1.99
PROJECT___ORANGE 2 24166	23.09 0.11 -0.04	18.25 0.05 -0.70	17.01 0.05 -0.78	16.39 0.02 -0.71	16.88 0.03 -0.78	18.14 0.09 0.00	21.39 0.06 -0.01	20.02 0.07 -1.39	21.10 0.08 -1.73	27.10 0.05 -0.86	27.17 0.11 -0.56	23.29 0.11 -1.89	16.25 0.10 -3.77	19.60 0.15 -2.84	13.17 0.10 -4.33	12.88 0.10 -4.25	15.15 0.16 -3.75	15.88 0.18 -4.64	23.73 0.32 -3.49	20.28 0.26 -4.01	18.46 0.22 -3.26	13.56 0.14 -4.01	13.18 0.15 -3.16	15.58 0.21 -1.99

PUCKETT___SOLAR 323809	23.93 0.89 -0.10	19.63 0.60 -1.53	18.46 0.57 -1.71	17.74 0.52 -1.56	18.31 0.53 -1.71	18.82 0.78 0.00	22.14 0.81 -0.01	22.27 0.67 -3.05	23.74 0.66 -3.79	28.89 0.81 -1.88	28.57 0.85 -1.23	26.12 0.68 -4.15	21.08 0.42 -8.27	23.41 0.57 -6.23	18.56 0.31 -9.50	18.17 0.32 -9.33	19.83 0.46 -8.13	21.61 0.50 -10.05	28.42 0.94 -7.56	25.45 0.75 -8.69	22.76 0.72 -7.07	18.55 0.44 -8.70	17.17 0.45 -6.84	18.31 0.63 -4.31
PYRITES___HYD 24023	22.73 -0.21 -0.01	17.45 -0.14 -0.09	16.11 -0.18 -0.10	15.65 -0.09 -0.09	16.04 -0.13 -0.10	17.88 -0.16 0.00	21.04 -0.28 0.00	18.49 -0.24 -0.17	19.37 -0.14 -0.21	26.27 -0.03 -0.11	26.49 -0.08 -0.07	21.33 -0.19 -0.23	12.59 -0.26 -0.47	16.60 -0.37 -0.35	9.08 -0.20 -0.54	8.84 -0.20 -0.53	11.35 -0.35 -0.46	11.28 -0.35 -0.57	9.23 -0.66 10.04	5.40 -0.53 10.08	4.77 -0.43 9.77	3.10 -0.22 6.09	3.11 -0.19 6.57	3.57 -0.31 9.49
QUAKERRD_115KV_BK1 80622	22.73 -0.25 -0.05	18.06 -0.25 -0.80	16.87 -0.21 -0.89	16.21 -0.27 -0.82	16.71 -0.26 -0.89	17.79 -0.25 0.00	21.05 -0.28 -0.01	19.86 -0.30 -1.60	20.90 -0.39 -1.99	26.60 -0.58 -0.99	26.61 -0.53 -0.64	23.08 -0.38 -2.17	16.53 -0.19 -4.34	19.68 -0.20 -3.26	13.64 -0.08 -4.98	13.34 -0.07 -4.89	15.50 -0.06 -4.32	16.36 -0.03 -5.33	23.90 -0.04 -4.01	20.59 -0.03 -4.61	18.69 -0.03 -3.75	13.98 -0.04 -4.62	13.49 -0.02 -3.63	15.66 0.00 -2.29
QUENSBRY_115KV_TB8 356137	24.36 1.17 -0.26	22.40 0.84 -4.05	21.52 0.81 -4.52	20.51 0.70 -4.14	21.33 0.74 -4.52	18.88 0.83 0.00	22.57 1.22 -0.03	27.62 0.98 -8.08	30.40 1.06 -10.04	32.67 1.49 -4.98	31.37 1.62 -3.25	33.64 1.36 -10.99	35.06 0.76 -21.93	34.10 0.98 -16.50	34.38 0.47 -25.16	33.71 0.47 -24.72	33.71 0.63 -21.84	38.70 0.65 -26.99	41.41 1.18 -20.31	40.34 0.99 -23.34	34.84 0.88 -18.98	33.28 0.52 -23.36	28.79 0.53 -18.38	25.66 0.71 -11.58
RAMAPO___LBMP 323565	24.23 1.10 -0.19	21.34 0.84 -3.00	20.31 0.78 -3.35	19.44 0.72 -3.07	20.16 0.74 -3.35	18.86 0.81 0.00	22.43 1.09 -0.03	25.60 1.06 -5.98	27.81 1.08 -7.43	31.30 1.41 -3.69	30.28 1.38 -2.40	30.55 1.13 -8.13	29.27 0.66 -16.23	29.69 0.86 -12.22	27.81 0.45 -18.62	27.26 0.44 -18.29	28.05 0.60 -16.22	31.69 0.59 -20.04	36.14 1.14 -15.08	34.25 0.91 -17.33	29.89 0.82 -14.09	27.28 0.53 -17.35	24.05 0.52 -13.65	22.68 0.71 -8.60
RANKINE____ 23646	23.23 0.23 -0.06	18.65 0.18 -0.97	17.53 0.26 -1.08	16.73 0.08 -0.99	17.24 0.08 -1.08	18.75 0.70 0.00	21.61 0.28 -0.01	20.40 -0.09 -1.94	21.16 -0.54 -2.41	26.37 -1.02 -1.19	26.38 -0.90 -0.78	23.31 -0.62 -2.63	17.34 -0.30 -5.25	20.17 -0.40 -3.96	14.61 -0.17 -6.03	14.33 -0.12 -5.92	16.38 -0.09 -5.23	17.46 -0.07 -6.46	24.63 -0.16 -4.86	21.55 -0.05 -5.59	19.50 -0.01 -4.54	14.99 -0.01 -5.59	14.33 0.06 -4.40	16.33 0.19 -2.77
RAVENSWOOD_GT2_1 24244	24.45 1.31 -0.21	21.77 1.00 -3.26	20.78 0.96 -3.64	19.87 0.88 -3.34	20.62 0.90 -3.64	19.00 0.96 0.00	22.67 1.32 -0.03	26.31 1.24 -6.51	28.72 1.33 -8.09	31.94 1.73 -4.02	30.81 1.70 -2.62	31.51 1.36 -8.85	30.84 0.79 -17.66	30.96 1.05 -13.30	29.56 0.54 -20.27	28.97 0.54 -19.91	29.57 0.71 -17.62	33.52 0.69 -21.77	37.56 1.26 -16.38	35.86 1.02 -18.83	31.21 0.93 -15.31	28.85 0.60 -18.85	25.33 0.63 -14.83	23.56 0.84 -9.34
RAVENSWOOD_GT2_2 24245	24.45 1.31 -0.21	21.77 1.00 -3.26	20.78 0.96 -3.64	19.87 0.88 -3.34	20.62 0.90 -3.64	19.00 0.96 0.00	22.67 1.32 -0.03	26.31 1.24 -6.51	28.72 1.33 -8.09	31.94 1.73 -4.02	30.81 1.70 -2.62	31.51 1.36 -8.85	30.84 0.79 -17.66	30.96 1.05 -13.30	29.56 0.54 -20.27	28.97 0.54 -19.91	29.57 0.71 -17.62	33.52 0.69 -21.77	37.56 1.26 -16.38	35.86 1.02 -18.83	31.21 0.93 -15.31	28.85 0.60 -18.85	25.33 0.63 -14.83	23.56 0.84 -9.34
RAVENSWOOD_GT2_3 24246	24.45 1.31 -0.21	21.77 1.00 -3.26	20.78 0.96 -3.64	19.87 0.88 -3.34	20.62 0.90 -3.64	19.00 0.96 0.00	22.67 1.32 -0.03	26.33 1.26 -6.51	28.72 1.33 -8.09	31.94 1.73 -4.02	30.81 1.70 -2.62	31.51 1.36 -8.85	30.85 0.80 -17.66	30.96 1.05 -13.30	29.56 0.54 -20.27	28.97 0.54 -19.91	29.57 0.71 -17.62	33.53 0.70 -21.77	37.58 1.28 -16.38	35.86 1.02 -18.83	31.23 0.94 -15.31	28.85 0.60 -18.85	25.33 0.63 -14.83	23.56 0.84 -9.34
RAVENSWOOD_GT2_4 24247	24.45 1.31 -0.21	21.77 1.00 -3.26	20.78 0.96 -3.64	19.87 0.88 -3.34	20.62 0.90 -3.64	19.00 0.96 0.00	22.67 1.32 -0.03	26.33 1.26 -6.51	28.72 1.33 -8.09	31.94 1.73 -4.02	30.81 1.70 -2.62	31.51 1.36 -8.85	30.85 0.80 -17.66	30.96 1.05 -13.30	29.56 0.54 -20.27	28.97 0.54 -19.91	29.57 0.71 -17.62	33.53 0.70 -21.77	37.58 1.28 -16.38	35.86 1.02 -18.83	31.23 0.94 -15.31	28.85 0.60 -18.85	25.33 0.63 -14.83	23.56 0.84 -9.34
RAVENSWOOD_GT3_1 24248	24.45 1.31 -0.21	21.77 1.00 -3.26	20.78 0.96 -3.64	19.87 0.88 -3.34	20.62 0.90 -3.64	19.00 0.96 0.00	22.67 1.32 -0.03	26.31 1.24 -6.51	28.72 1.33 -8.09	31.94 1.73 -4.02	30.81 1.70 -2.62	31.51 1.36 -8.85	30.84 0.79 -17.66	30.96 1.05 -13.30	29.56 0.54 -20.27	28.97 0.54 -19.91	29.57 0.71 -17.62	33.52 0.69 -21.77	37.56 1.26 -16.38	35.86 1.02 -18.83	31.21 0.93 -15.31	28.85 0.60 -18.85	25.33 0.63 -14.83	23.56 0.84 -9.34
RAVENSWOOD_GT3_2 24249	24.45 1.31 -0.21	21.77 1.00 -3.26	20.78 0.96 -3.64	19.87 0.88 -3.34	20.62 0.90 -3.64	19.00 0.96 0.00	22.67 1.32 -0.03	26.31 1.24 -6.51	28.72 1.33 -8.09	31.94 1.73 -4.02	30.81 1.70 -2.62	31.51 1.36 -8.85	30.84 0.79 -17.66	30.96 1.05 -13.30	29.56 0.54 -20.27	28.97 0.54 -19.91	29.57 0.71 -17.62	33.52 0.69 -21.77	37.56 1.26 -16.38	35.86 1.02 -18.83	31.21 0.93 -15.31	28.85 0.60 -18.85	25.33 0.63 -14.83	23.56 0.84 -9.34
RAVENSWOOD_GT3_3 24250	24.47 1.33 -0.21	21.79 1.02 -3.26	20.80 0.97 -3.64	19.89 0.89 -3.34	20.62 0.90 -3.64	19.02 0.97 0.00	22.69 1.34 -0.03	26.35 1.28 -6.51	28.74 1.35 -8.09	31.96 1.75 -4.02	30.84 1.72 -2.62	31.53 1.38 -8.85	30.86 0.82 -17.66	30.97 1.06 -13.30	29.57 0.55 -20.27	28.98 0.55 -19.91	29.58 0.72 -17.62	33.53 0.70 -21.77	37.58 1.28 -16.38	35.88 1.04 -18.83	31.24 0.96 -15.31	28.86 0.61 -18.85	25.34 0.64 -14.83	23.57 0.86 -9.34
RAVENSWOOD_GT3_4 24251	24.47 1.33 -0.21	21.79 1.02 -3.26	20.80 0.97 -3.64	19.89 0.89 -3.34	20.62 0.90 -3.64	19.02 0.97 0.00	22.69 1.34 -0.03	26.35 1.28 -6.51	28.74 1.35 -8.09	31.96 1.75 -4.02	30.84 1.72 -2.62	31.53 1.38 -8.85	30.86 0.82 -17.66	30.97 1.06 -13.30	29.57 0.55 -20.27	28.98 0.55 -19.91	29.58 0.72 -17.62	33.53 0.70 -21.77	37.58 1.28 -16.38	35.88 1.04 -18.83	31.24 0.96 -15.31	28.86 0.61 -18.85	25.34 0.64 -14.83	23.57 0.86 -9.34
RAVENSWOOD_GT_1 23729	24.41 1.26 -0.21	21.75 0.98 -3.26	20.75 0.92 -3.64	19.83 0.83 -3.34	20.58 0.87 -3.64	18.93 0.88 0.00	22.58 1.24 -0.03	26.25 1.19 -6.51	28.64 1.25 -8.09	31.83 1.62 -4.02	30.71 1.59 -2.62	31.42 1.28 -8.85	30.80 0.76 -17.66	30.89 0.98 -13.30	29.53 0.51 -20.27	28.94 0.50 -19.91	29.52 0.66 -17.62	33.49 0.65 -21.77	37.50 1.20 -16.38	35.80 0.96 -18.83	31.17 0.88 -15.31	28.81 0.56 -18.85	25.29 0.59 -14.83	23.50 0.79 -9.34



RAVENSWOOD_GT_10 24258	24.45 1.31 -0.21	21.77 1.00 -3.26	20.78 0.96 -3.64	19.87 0.88 -3.34	20.62 0.90 -3.64	19.00 0.96 0.00	22.67 1.32 -0.03	26.31 1.24 -6.51	28.72 1.33 -8.09	31.94 1.73 -4.02	30.81 1.70 -2.62	31.51 1.36 -8.85	30.84 0.79 -17.66	30.96 1.05 -13.30	29.56 0.54 -20.27	28.97 0.54 -19.91	29.57 0.71 -17.62	33.52 0.69 -21.77	37.56 1.26 -16.38	35.86 1.02 -18.83	31.21 0.93 -15.31	28.85 0.60 -18.85	25.33 0.63 -14.83	23.56 0.84 -9.34
RAVENSWOOD_GT_11 24259	24.45 1.31 -0.21	21.77 1.00 -3.26	20.78 0.96 -3.64	19.87 0.88 -3.34	20.62 0.90 -3.64	19.00 0.96 0.00	22.67 1.32 -0.03	26.31 1.24 -6.51	28.72 1.33 -8.09	31.94 1.73 -4.02	30.81 1.70 -2.62	31.51 1.36 -8.85	30.84 0.79 -17.66	30.96 1.05 -13.30	29.56 0.54 -20.27	28.97 0.54 -19.91	29.57 0.71 -17.62	33.52 0.69 -21.77	37.56 1.26 -16.38	35.86 1.02 -18.83	31.21 0.93 -15.31	28.85 0.60 -18.85	25.33 0.63 -14.83	23.56 0.84 -9.34
RAVENSWOOD_GT_4 24252	24.45 1.31 -0.21	21.77 1.00 -3.26	20.78 0.96 -3.64	19.87 0.88 -3.34	20.62 0.90 -3.64	19.02 0.97 0.00	22.69 1.34 -0.03	26.33 1.26 -6.51	28.74 1.35 -8.09	31.96 1.75 -4.02	30.84 1.72 -2.62	31.53 1.38 -8.85	30.85 0.80 -17.66	30.97 1.06 -13.30	29.56 0.54 -20.27	28.97 0.54 -19.91	29.58 0.72 -17.62	33.53 0.70 -21.77	37.58 1.28 -16.38	35.88 1.04 -18.83	31.23 0.94 -15.31	28.85 0.60 -18.85	25.34 0.64 -14.83	23.57 0.86 -9.34
RAVENSWOOD_GT_5 24254	24.45 1.31 -0.21	21.77 1.00 -3.26	20.78 0.96 -3.64	19.87 0.88 -3.34	20.62 0.90 -3.64	19.02 0.97 0.00	22.69 1.34 -0.03	26.33 1.26 -6.51	28.74 1.35 -8.09	31.96 1.75 -4.02	30.84 1.72 -2.62	31.53 1.38 -8.85	30.85 0.80 -17.66	30.97 1.06 -13.30	29.56 0.54 -20.27	28.97 0.54 -19.91	29.58 0.72 -17.62	33.53 0.70 -21.77	37.58 1.28 -16.38	35.88 1.04 -18.83	31.23 0.94 -15.31	28.85 0.60 -18.85	25.34 0.64 -14.83	23.57 0.86 -9.34
RAVENSWOOD_GT_6 24253	24.45 1.31 -0.21	21.77 1.00 -3.26	20.78 0.96 -3.64	19.87 0.88 -3.34	20.62 0.90 -3.64	19.02 0.97 0.00	22.69 1.34 -0.03	26.33 1.26 -6.51	28.74 1.35 -8.09	31.96 1.75 -4.02	30.84 1.72 -2.62	31.53 1.38 -8.85	30.85 0.80 -17.66	30.97 1.06 -13.30	29.56 0.54 -20.27	28.97 0.54 -19.91	29.58 0.72 -17.62	33.53 0.70 -21.77	37.58 1.28 -16.38	35.88 1.04 -18.83	31.23 0.94 -15.31	28.85 0.60 -18.85	25.34 0.64 -14.83	23.57 0.86 -9.34
RAVENSWOOD_GT_7 24255	24.45 1.31 -0.21	21.77 1.00 -3.26	20.78 0.96 -3.64	19.87 0.88 -3.34	20.62 0.90 -3.64	19.02 0.97 0.00	22.69 1.34 -0.03	26.33 1.26 -6.51	28.74 1.35 -8.09	31.96 1.75 -4.02	30.84 1.72 -2.62	31.53 1.38 -8.85	30.85 0.80 -17.66	30.97 1.06 -13.30	29.56 0.54 -20.27	28.97 0.54 -19.91	29.58 0.72 -17.62	33.53 0.70 -21.77	37.58 1.28 -16.38	35.88 1.04 -18.83	31.23 0.94 -15.31	28.85 0.60 -18.85	25.34 0.64 -14.83	23.57 0.86 -9.34
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	24.45 1.31 -0.21	21.77 1.00 -3.26	20.78 0.96 -3.64	19.87 0.88 -3.34	20.62 0.90 -3.64	19.00 0.96 0.00	22.67 1.32 -0.03	26.31 1.24 -6.51	28.72 1.33 -8.09	31.94 1.73 -4.02	30.81 1.70 -2.62	31.51 1.36 -8.85	30.84 0.79 -17.66	30.96 1.05 -13.30	29.56 0.54 -20.27	28.97 0.54 -19.91	29.57 0.71 -17.62	33.52 0.69 -21.77	37.56 1.26 -16.38	35.86 1.02 -18.83	31.21 0.93 -15.31	28.85 0.60 -18.85	25.33 0.63 -14.83	23.56 0.84 -9.34
RAVENSWOOD_GT_9 24257	24.45 1.31 -0.21	21.77 1.00 -3.26	20.78 0.96 -3.64	19.87 0.88 -3.34	20.62 0.90 -3.64	19.00 0.96 0.00	22.67 1.32 -0.03	26.31 1.24 -6.51	28.72 1.33 -8.09	31.94 1.73 -4.02	30.81 1.70 -2.62	31.51 1.36 -8.85	30.84 0.79 -17.66	30.96 1.05 -13.30	29.56 0.54 -20.27	28.97 0.54 -19.91	29.57 0.71 -17.62	33.52 0.69 -21.77	37.56 1.26 -16.38	35.86 1.02 -18.83	31.21 0.93 -15.31	28.85 0.60 -18.85	25.33 0.63 -14.83	23.56 0.84 -9.34
RAVENSWOOD___1 23533	24.40 1.26 -0.21	21.75 0.98 -3.26	20.75 0.92 -3.64	19.82 0.83 -3.34	20.63 0.92 -3.64	18.96 0.92 0.01	22.58 1.24 -0.02	26.28 1.21 -6.52	28.65 1.25 -8.10	31.83 1.62 -4.02	30.73 1.62 -2.61	31.43 1.28 -8.86	30.83 0.76 -17.69	30.91 0.98 -13.31	29.56 0.51 -20.30	28.97 0.50 -19.94	29.49 0.66 -17.59	33.44 0.64 -21.73	37.47 1.20 -16.35	35.76 0.96 -18.79	31.14 0.88 -15.28	28.78 0.56 -18.81	25.26 0.59 -14.80	23.49 0.79 -9.33
RAVENSWOOD___2 23534	24.40 1.26 -0.21	21.75 0.98 -3.26	20.75 0.92 -3.64	19.82 0.83 -3.34	20.63 0.92 -3.64	18.96 0.92 0.01	22.58 1.24 -0.02	26.28 1.21 -6.52	28.65 1.25 -8.10	31.83 1.62 -4.02	30.73 1.62 -2.61	31.43 1.28 -8.86	30.83 0.76 -17.69	30.91 0.98 -13.31	29.56 0.51 -20.30	28.97 0.50 -19.94	29.49 0.66 -17.59	33.44 0.64 -21.73	37.47 1.20 -16.35	35.76 0.96 -18.79	31.14 0.88 -15.28	28.78 0.56 -18.81	25.26 0.59 -14.80	23.49 0.79 -9.33
RAVENSWOOD___3 23535	24.45 1.31 -0.21	21.77 1.00 -3.26	20.78 0.95 -3.64	19.87 0.88 -3.34	20.65 0.93 -3.64	19.04 0.99 0.00	22.67 1.32 -0.03	26.36 1.28 -6.52	28.73 1.33 -8.11	31.94 1.73 -4.02	30.82 1.70 -2.62	31.52 1.36 -8.87	30.87 0.79 -17.70	30.98 1.05 -13.32	29.60 0.54 -20.31	29.01 0.54 -19.95	29.54 0.71 -17.59	33.48 0.67 -21.74	37.54 1.26 -16.36	35.84 1.03 -18.80	31.19 0.93 -15.29	28.83 0.60 -18.82	25.31 0.63 -14.81	23.54 0.84 -9.33
RAVENSWOOD___4 23820	24.40 1.26 -0.21	21.75 0.98 -3.26	20.75 0.92 -3.64	19.82 0.83 -3.34	20.63 0.92 -3.64	18.96 0.92 0.01	22.58 1.24 -0.02	26.28 1.21 -6.52	28.65 1.25 -8.10	31.83 1.62 -4.02	30.73 1.62 -2.61	31.43 1.28 -8.86	30.83 0.76 -17.69	30.91 0.98 -13.31	29.56 0.51 -20.30	28.97 0.50 -19.94	29.49 0.66 -17.59	33.44 0.64 -21.73	37.47 1.20 -16.35	35.76 0.96 -18.79	31.14 0.88 -15.28	28.78 0.56 -18.81	25.26 0.59 -14.80	23.49 0.79 -9.33
RCPL_TRUST___DRP 24196	24.50 1.35 -0.21	21.82 1.05 -3.26	20.82 0.99 -3.64	19.90 0.91 -3.34	20.65 0.93 -3.64	19.06 1.01 0.00	22.73 1.39 -0.03	26.38 1.32 -6.51	28.78 1.39 -8.09	32.02 1.81 -4.02	30.89 1.78 -2.62	31.57 1.43 -8.85	30.89 0.84 -17.66	31.02 1.11 -13.30	29.59 0.57 -20.27	29.00 0.56 -19.91	29.60 0.74 -17.62	33.56 0.73 -21.77	37.64 1.34 -16.38	35.91 1.07 -18.83	31.27 0.99 -15.31	28.88 0.63 -18.85	25.36 0.66 -14.83	23.60 0.88 -9.34
RED___ROCHESTER 323720	23.40 0.41 -0.05	18.60 0.28 -0.81	17.37 0.27 -0.91	16.68 0.19 -0.83	17.17 0.19 -0.91	18.30 0.25 0.00	21.69 0.36 -0.01	20.34 0.17 -1.62	21.48 0.17 -2.01	27.27 0.08 -1.00	27.28 0.13 -0.65	23.66 0.17 -2.20	16.92 0.15 -4.39	20.17 0.25 -3.30	13.95 0.17 -5.04	13.64 0.17 -4.95	15.82 0.27 -4.31	16.69 0.30 -5.33	24.49 0.56 -4.01	21.08 0.46 -4.61	19.14 0.42 -3.75	14.26 0.24 -4.61	13.79 0.29 -3.63	16.09 0.43 -2.29
REGAN___SOLAR 323812	25.12 1.93 -0.26	22.98 1.40 -4.07	22.07 1.34 -4.54	21.00 1.17 -4.16	21.89 1.27 -4.54	19.47 1.43 0.00	23.42 2.07 -0.03	28.35 1.67 -8.13	31.11 1.72 -10.10	33.48 2.28 -5.01	31.99 2.23 -3.27	34.23 1.89 -11.05	35.52 1.09 -22.05	34.72 1.51 -16.60	34.81 0.76 -25.30	34.19 0.81 -24.85	34.29 1.12 -21.93	39.32 1.16 -27.10	42.45 2.13 -20.39	41.17 1.73 -23.43	35.54 1.51 -19.05	33.73 0.87 -23.46	29.22 0.89 -18.45	26.15 1.15 -11.62

RENSSELAER___COGEN 23796	24.08 0.89 -0.25	22.12 0.67 -3.95	21.21 0.61 -4.40	20.27 0.58 -4.04	21.09 0.61 -4.40	18.75 0.70 0.00	22.25 0.90 -0.03	27.18 0.74 -7.88	29.86 0.77 -9.79	32.07 1.02 -4.86	30.73 1.06 -3.17	32.86 0.85 -10.71	34.26 0.51 -21.37	33.39 0.68 -16.09	33.61 0.33 -24.53	32.94 0.32 -24.10	32.92 0.43 -21.26	37.76 0.43 -26.27	40.47 0.78 -19.77	39.35 0.62 -22.72	34.03 0.58 -18.47	32.50 0.36 -22.74	28.16 0.40 -17.89	25.18 0.54 -11.27
REPUBLIC_115KV_BARTNBRK 55605	25.26 2.06 -0.26	23.06 1.51 -4.05	22.13 1.42 -4.52	21.02 1.22 -4.14	21.91 1.32 -4.52	19.51 1.46 0.00	23.47 2.11 -0.03	28.36 1.73 -8.08	31.19 1.85 -10.04	33.82 2.65 -4.98	32.58 2.84 -3.25	34.66 2.38 -10.99	35.49 1.19 -21.92	34.64 1.53 -16.50	34.62 0.72 -25.15	33.96 0.72 -24.71	34.04 0.97 -21.84	39.05 1.01 -26.98	42.06 1.83 -20.30	41.07 1.73 -23.33	35.48 1.53 -18.97	33.65 0.89 -23.36	29.18 0.93 -18.38	26.17 1.22 -11.57
REVERE_CPPR_DRP 24186	23.55 0.60 -0.01	18.14 0.40 -0.23	16.78 0.34 -0.25	16.22 0.33 -0.23	16.67 0.34 -0.25	18.51 0.47 0.00	21.85 0.53 0.00	19.46 0.45 -0.46	20.44 0.58 -0.57	27.21 0.73 -0.28	27.48 0.80 -0.18	22.50 0.60 -0.62	13.98 0.36 -1.24	18.04 0.50 -0.93	10.46 0.30 -1.42	10.21 0.30 -1.39	12.86 0.39 -1.23	13.02 0.44 -1.52	21.59 0.84 -0.83	17.66 0.66 -1.00	16.38 0.64 -0.76	10.92 0.39 -1.12	11.10 0.40 -0.83	14.23 0.49 -0.36
REYNOLDS_115KV_TB3 80639	24.13 0.94 -0.25	22.17 0.72 -3.95	21.26 0.66 -4.41	20.32 0.63 -4.04	21.13 0.64 -4.41	18.79 0.74 0.00	22.29 0.94 -0.03	27.22 0.78 -7.88	29.92 0.83 -9.79	32.18 1.13 -4.86	30.84 1.17 -3.17	32.94 0.94 -10.72	34.32 0.56 -21.38	33.46 0.75 -16.10	33.65 0.37 -24.54	32.98 0.35 -24.10	33.01 0.47 -21.30	37.85 0.46 -26.32	40.57 0.84 -19.81	39.45 0.67 -22.76	34.11 0.63 -18.51	32.58 0.39 -22.79	28.22 0.42 -17.93	25.25 0.59 -11.29
RIVERBAY____ 323610	24.59 1.44 -0.21	21.91 1.14 -3.26	20.90 1.07 -3.64	19.97 0.97 -3.34	20.71 1.00 -3.64	19.02 0.97 0.00	22.67 1.32 -0.03	26.31 1.24 -6.51	28.72 1.33 -8.09	31.91 1.70 -4.02	30.79 1.67 -2.62	31.48 1.34 -8.85	30.83 0.78 -17.66	30.92 1.01 -13.30	29.53 0.52 -20.27	28.95 0.51 -19.91	29.54 0.69 -17.62	33.51 0.67 -21.77	37.54 1.24 -16.38	35.83 0.99 -18.83	31.18 0.90 -15.31	28.82 0.57 -18.85	25.31 0.61 -14.83	23.57 0.86 -9.34
RIVERSDE_115KV_TB3 55908	24.13 0.94 -0.25	22.16 0.70 -3.96	21.25 0.65 -4.42	20.32 0.61 -4.05	21.13 0.64 -4.42	18.77 0.72 0.00	22.29 0.94 -0.03	27.23 0.78 -7.90	29.92 0.81 -9.81	32.16 1.10 -4.87	30.81 1.14 -3.17	32.96 0.94 -10.74	34.35 0.54 -21.42	33.47 0.73 -16.12	33.69 0.36 -24.58	33.02 0.35 -24.15	33.04 0.46 -21.34	37.90 0.46 -26.37	40.60 0.84 -19.84	39.49 0.67 -22.80	34.15 0.63 -18.54	32.62 0.39 -22.83	28.25 0.41 -17.96	25.26 0.58 -11.31
ROARING___BROOK_WT_PWR 323790	22.73 -0.21 0.00	17.40 -0.10 0.00	16.12 -0.06 0.00	15.61 -0.05 0.00	16.03 -0.05 0.00	17.99 -0.05 0.00	21.24 -0.08 0.00	18.45 -0.11 0.00	19.08 -0.21 0.00	25.93 -0.26 0.00	25.94 -0.56 0.00	20.78 -0.51 0.00	12.01 -0.37 0.00	16.03 -0.58 0.00	8.40 -0.35 0.00	8.15 -0.37 0.00	10.71 -0.53 0.00	10.52 -0.54 0.00	0.00 -0.94 18.99	-3.95 -0.77 19.19	-4.21 -0.73 18.45	-3.00 -0.46 11.94	-3.25 -0.49 12.63	-4.96 -0.67 17.67
ROCHESRG_115KV_T4 355643	23.24 0.25 -0.05	18.45 0.14 -0.81	17.25 0.16 -0.90	16.56 0.08 -0.83	17.06 0.08 -0.90	18.21 0.16 0.00	21.52 0.19 -0.01	20.24 0.07 -1.61	21.22 -0.08 -2.00	27.00 -0.18 -0.99	27.02 -0.13 -0.65	23.44 -0.04 -2.19	16.78 0.02 -4.37	19.99 0.08 -3.29	13.83 0.07 -5.02	13.53 0.09 -4.93	15.73 0.15 -4.35	16.61 0.18 -5.37	24.29 0.32 -4.04	20.93 0.27 -4.65	19.01 0.25 -3.78	14.20 0.14 -4.65	13.72 0.19 -3.66	15.97 0.29 -2.31
ROCHESTER_9_IC 23652	23.35 0.37 -0.05	18.54 0.23 -0.81	17.32 0.23 -0.91	16.63 0.14 -0.83	17.14 0.16 -0.91	18.30 0.25 0.00	21.60 0.28 -0.01	20.34 0.17 -1.62	21.33 0.02 -2.01	27.14 -0.05 -1.00	27.18 0.03 -0.65	23.58 0.09 -2.20	16.87 0.10 -4.39	20.10 0.18 -3.31	13.91 0.12 -5.04	13.61 0.14 -4.95	15.82 0.21 -4.37	16.71 0.24 -5.40	24.45 0.46 -4.06	21.06 0.38 -4.67	19.12 0.34 -3.80	14.28 0.20 -4.68	13.80 0.25 -3.68	16.05 0.36 -2.32
ROCKVIEW_13_KV_LD 356306	24.45 1.31 -0.21	21.77 1.00 -3.26	20.75 0.92 -3.64	19.84 0.85 -3.34	20.58 0.87 -3.64	19.02 0.97 0.00	22.69 1.34 -0.03	26.33 1.26 -6.51	28.74 1.35 -8.09	31.99 1.78 -4.02	30.87 1.75 -2.62	31.55 1.41 -8.85	30.86 0.82 -17.66	30.99 1.08 -13.30	29.57 0.55 -20.27	28.99 0.55 -19.91	29.59 0.73 -17.62	33.54 0.71 -21.77	37.62 1.32 -16.38	35.91 1.07 -18.83	31.26 0.97 -15.31	28.87 0.62 -18.85	25.34 0.64 -14.83	23.57 0.86 -9.34
ROME____115KV_TB2 80656	23.55 0.60 -0.01	18.14 0.40 -0.23	16.78 0.34 -0.25	16.22 0.33 -0.23	16.67 0.34 -0.25	18.51 0.47 0.00	21.85 0.53 0.00	19.46 0.45 -0.46	20.44 0.58 -0.57	27.21 0.73 -0.28	27.48 0.80 -0.18	22.50 0.60 -0.62	13.98 0.36 -1.24	18.04 0.50 -0.93	10.46 0.30 -1.42	10.21 0.30 -1.39	12.86 0.39 -1.23	13.02 0.44 -1.52	21.59 0.84 -0.83	17.66 0.66 -1.00	16.38 0.64 -0.76	10.92 0.39 -1.12	11.10 0.40 -0.83	14.23 0.49 -0.36
ROSETON___1 23587	24.22 1.08 -0.21	21.55 0.82 -3.22	20.54 0.76 -3.59	19.67 0.72 -3.29	20.42 0.76 -3.59	18.88 0.83 0.00	22.43 1.09 -0.03	26.01 1.02 -6.43	28.33 1.04 -7.99	31.52 1.36 -3.97	30.44 1.35 -2.59	31.12 1.09 -8.74	30.47 0.64 -17.44	30.59 0.85 -13.13	29.19 0.43 -20.02	28.61 0.43 -19.67	29.15 0.57 -17.34	33.04 0.55 -21.43	37.08 1.04 -16.12	35.37 0.83 -18.53	30.81 0.76 -15.07	28.44 0.49 -18.55	24.97 0.50 -14.59	23.25 0.68 -9.19
ROSETON___2 23588	24.22 1.08 -0.21	21.55 0.82 -3.22	20.54 0.76 -3.59	19.67 0.72 -3.29	20.42 0.76 -3.59	18.88 0.83 0.00	22.43 1.09 -0.03	26.01 1.02 -6.43	28.33 1.04 -7.99	31.52 1.36 -3.97	30.44 1.35 -2.59	31.12 1.09 -8.74	30.47 0.64 -17.44	30.59 0.85 -13.13	29.19 0.43 -20.02	28.61 0.43 -19.67	29.15 0.57 -17.34	33.04 0.55 -21.43	37.08 1.04 -16.12	35.37 0.83 -18.53	30.81 0.76 -15.07	28.44 0.49 -18.55	24.97 0.50 -14.59	23.25 0.68 -9.19
ROTTRDAM_115KV_TB3 80664	24.07 0.87 -0.26	22.24 0.67 -4.07	21.34 0.62 -4.54	20.40 0.58 -4.16	21.21 0.59 -4.54	18.71 0.67 0.00	22.25 0.90 -0.03	27.42 0.74 -8.12	30.16 0.77 -10.09	32.25 1.05 -5.01	30.83 1.06 -3.27	33.21 0.87 -11.04	34.92 0.51 -22.03	33.88 0.68 -16.59	34.37 0.34 -25.29	33.70 0.34 -24.84	33.64 0.45 -21.95	38.64 0.45 -27.12	41.15 0.82 -20.41	40.14 0.67 -23.45	34.66 0.61 -19.07	33.26 0.38 -23.48	28.74 0.39 -18.47	25.54 0.54 -11.63
RUSSELL___1 23602	23.45 0.46 -0.05	18.60 0.28 -0.81	17.37 0.28 -0.91	16.68 0.19 -0.83	17.19 0.21 -0.91	18.37 0.32 0.00	21.67 0.34 -0.01	20.40 0.22 -1.62	21.40 0.10 -2.01	27.27 0.08 -1.00	27.31 0.16 -0.65	23.66 0.17 -2.20	16.92 0.15 -4.39	20.19 0.27 -3.31	13.95 0.17 -5.04	13.64 0.17 -4.95	15.88 0.27 -4.37	16.76 0.30 -5.40	24.55 0.56 -4.06	21.14 0.46 -4.67	19.19 0.42 -3.80	14.32 0.24 -4.68	13.84 0.29 -3.68	16.12 0.43 -2.32

RUSSELL___2 23532	23.45 0.46 -0.05	18.60 0.28 -0.81	17.37 0.28 -0.91	16.68 0.19 -0.83	17.19 0.21 -0.91	18.37 0.32 0.00	21.67 0.34 -0.01	20.40 0.22 -1.62	21.40 0.10 -2.01	27.27 0.08 -1.00	27.31 0.16 -0.65	23.66 0.17 -2.20	16.92 0.15 -4.39	20.19 0.27 -3.31	13.95 0.17 -5.04	13.64 0.17 -4.95	15.88 0.27 -4.37	16.76 0.30 -5.40	24.55 0.56 -4.06	21.14 0.46 -4.67	19.19 0.42 -3.80	14.32 0.24 -4.68	13.84 0.29 -3.68	16.12 0.43 -2.32
RUSSELL___3 23549	23.45 0.46 -0.05	18.60 0.28 -0.81	17.37 0.28 -0.91	16.68 0.19 -0.83	17.19 0.21 -0.91	18.37 0.32 0.00	21.67 0.34 -0.01	20.40 0.22 -1.62	21.40 0.10 -2.01	27.27 0.08 -1.00	27.31 0.16 -0.65	23.66 0.17 -2.20	16.92 0.15 -4.39	20.19 0.27 -3.31	13.95 0.17 -5.04	13.64 0.17 -4.95	15.88 0.27 -4.37	16.76 0.30 -5.40	24.55 0.56 -4.06	21.14 0.46 -4.67	19.19 0.42 -3.80	14.32 0.24 -4.68	13.84 0.29 -3.68	16.12 0.43 -2.32
RUSSELL___4 23556	23.45 0.46 -0.05	18.60 0.28 -0.81	17.37 0.28 -0.91	16.68 0.19 -0.83	17.19 0.21 -0.91	18.37 0.32 0.00	21.67 0.34 -0.01	20.40 0.22 -1.62	21.40 0.10 -2.01	27.27 0.08 -1.00	27.31 0.16 -0.65	23.66 0.17 -2.20	16.92 0.15 -4.39	20.19 0.27 -3.31	13.95 0.17 -5.04	13.64 0.17 -4.95	15.88 0.27 -4.37	16.76 0.30 -5.40	24.55 0.56 -4.06	21.14 0.46 -4.67	19.19 0.42 -3.80	14.32 0.24 -4.68	13.84 0.29 -3.68	16.12 0.43 -2.32
RUSSELL___STATION 23914	23.45 0.46 -0.05	18.60 0.28 -0.81	17.37 0.28 -0.91	16.68 0.19 -0.83	17.19 0.21 -0.91	18.37 0.32 0.00	21.67 0.34 -0.01	20.40 0.22 -1.62	21.40 0.10 -2.01	27.27 0.08 -1.00	27.31 0.16 -0.65	23.66 0.17 -2.20	16.92 0.15 -4.39	20.19 0.27 -3.31	13.95 0.17 -5.04	13.64 0.17 -4.95	15.88 0.27 -4.37	16.76 0.30 -5.40	24.55 0.56 -4.06	21.14 0.46 -4.67	19.19 0.42 -3.80	14.32 0.24 -4.68	13.84 0.29 -3.68	16.12 0.43 -2.32
S SALMON___HYD 24043	22.86 -0.11 -0.03	17.93 -0.12 -0.54	16.66 -0.13 -0.61	16.07 -0.14 -0.55	16.55 -0.13 -0.61	17.94 -0.11 0.00	21.20 -0.13 0.00	19.49 -0.15 -1.08	20.52 -0.12 -1.34	26.68 -0.18 -0.67	26.78 -0.16 -0.44	22.63 -0.13 -1.47	15.24 -0.07 -2.94	18.73 -0.10 -2.21	12.10 -0.02 -3.37	11.81 -0.02 -3.31	14.16 0.00 -2.92	14.71 0.04 -3.61	21.79 0.10 -1.77	18.25 0.08 -2.16	16.67 0.08 -1.62	11.99 0.06 -2.53	11.77 0.07 -1.83	14.12 0.08 -0.67
S.PERRY___115KV_TB1 80734	24.08 1.08 -0.06	19.21 0.72 -0.99	17.97 0.68 -1.10	17.23 0.56 -1.01	17.77 0.59 -1.10	19.00 0.96 0.00	22.25 0.92 -0.01	21.23 0.71 -1.97	22.29 0.54 -2.45	27.88 0.47 -1.22	27.72 0.42 -0.79	24.31 0.34 -2.68	17.98 0.25 -5.35	21.01 0.37 -4.03	15.11 0.23 -6.14	14.81 0.26 -6.03	17.01 0.45 -5.32	18.18 0.54 -6.58	25.95 1.08 -4.95	22.60 0.90 -5.69	20.41 0.81 -4.63	15.58 0.48 -5.69	14.89 0.53 -4.48	16.96 0.76 -2.82
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	23.13 0.14 -0.06	18.56 0.11 -0.95	17.46 0.21 -1.06	16.65 0.02 -0.97	17.17 0.03 -1.06	18.50 0.45 0.00	21.52 0.19 -0.01	20.31 -0.15 -1.90	21.06 -0.60 -2.36	26.24 -1.13 -1.17	26.26 -1.01 -0.76	23.19 -0.68 -2.58	17.22 -0.32 -5.16	20.06 -0.43 -3.88	14.49 -0.17 -5.92	14.21 -0.13 -5.81	16.27 -0.10 -5.13	17.31 -0.09 -6.34	24.48 -0.22 -4.77	21.41 -0.08 -5.48	19.39 -0.04 -4.46	14.87 -0.02 -5.49	14.24 0.05 -4.32	16.28 0.19 -2.72
SAWYER___23_KV_LOAD 55526	23.13 0.14 -0.06	18.56 0.11 -0.95	17.46 0.21 -1.06	16.65 0.02 -0.97	17.17 0.03 -1.06	18.50 0.45 0.00	21.52 0.19 -0.01	20.31 -0.15 -1.90	21.06 -0.60 -2.36	26.24 -1.13 -1.17	26.26 -1.01 -0.76	23.19 -0.68 -2.58	17.22 -0.32 -5.16	20.06 -0.43 -3.88	14.49 -0.17 -5.92	14.21 -0.13 -5.81	16.27 -0.10 -5.13	17.31 -0.09 -6.34	24.48 -0.22 -4.77	21.41 -0.08 -5.48	19.39 -0.04 -4.46	14.87 -0.02 -5.49	14.24 0.05 -4.32	16.28 0.19 -2.72
SELKIRK___I 23801	24.15 0.96 -0.25	22.13 0.74 -3.89	21.21 0.68 -4.34	20.28 0.64 -3.98	21.08 0.66 -4.34	18.80 0.76 0.00	22.31 0.96 -0.03	27.12 0.80 -7.77	29.76 0.81 -9.66	32.06 1.07 -4.79	30.74 1.11 -3.12	32.77 0.91 -10.57	34.01 0.54 -21.08	33.21 0.73 -15.87	33.30 0.36 -24.19	32.63 0.35 -23.76	32.66 0.46 -20.96	37.43 0.46 -25.90	40.25 0.84 -19.49	39.08 0.67 -22.40	33.82 0.63 -18.22	32.21 0.39 -22.42	27.93 0.41 -17.64	25.06 0.57 -11.11
SELKIRK___II 23799	24.04 0.85 -0.25	22.09 0.65 -3.94	21.18 0.60 -4.39	20.25 0.56 -4.02	21.06 0.60 -4.39	18.71 0.67 0.00	22.21 0.85 -0.03	27.14 0.72 -7.86	29.79 0.73 -9.76	32.01 0.97 -4.85	30.67 1.01 -3.16	32.78 0.81 -10.68	34.18 0.48 -21.32	33.31 0.65 -16.05	33.53 0.32 -24.46	32.86 0.31 -24.03	32.85 0.42 -21.20	37.67 0.41 -26.20	40.38 0.74 -19.71	39.26 0.59 -22.65	33.97 0.57 -18.42	32.43 0.35 -22.68	28.09 0.38 -17.84	25.13 0.52 -11.24
SENECA OSWGO___HYD 24041	22.86 -0.11 -0.04	17.99 -0.12 -0.61	16.76 -0.11 -0.68	16.16 -0.13 -0.62	16.63 -0.13 -0.68	17.94 -0.11 0.00	21.18 -0.15 -0.01	19.66 -0.11 -1.22	20.69 -0.12 -1.51	26.76 -0.18 -0.75	26.83 -0.16 -0.49	22.84 -0.11 -1.66	15.65 -0.04 -3.30	19.07 -0.03 -2.49	12.54 0.01 -3.79	12.26 0.02 -3.72	14.54 0.05 -3.25	15.14 0.06 -4.02	23.05 0.10 -3.03	19.57 0.08 -3.48	17.88 0.08 -2.83	12.93 0.05 -3.48	12.66 0.05 -2.74	15.17 0.07 -1.73
SENECA___115KV_TB3 355854	23.27 0.28 -0.06	18.67 0.19 -0.97	17.56 0.29 -1.08	16.74 0.09 -0.99	17.27 0.11 -1.08	18.77 0.72 0.00	21.63 0.30 -0.01	20.44 -0.06 -1.94	21.18 -0.52 -2.41	26.39 -1.00 -1.19	26.40 -0.87 -0.78	23.35 -0.57 -2.63	17.36 -0.27 -5.25	20.20 -0.37 -3.96	14.63 -0.15 -6.03	14.33 -0.11 -5.92	16.40 -0.07 -5.23	17.47 -0.06 -6.46	24.65 -0.14 -4.86	21.58 -0.02 -5.59	19.52 0.00 -4.54	15.01 0.01 -5.59	14.34 0.07 -4.40	16.36 0.21 -2.77
SENECA___ENERGY 23797	23.31 0.32 -0.05	18.54 0.18 -0.86	17.32 0.18 -0.96	16.64 0.11 -0.88	17.16 0.13 -0.96	18.30 0.25 0.00	21.58 0.26 -0.01	20.47 0.20 -1.71	21.59 0.17 -2.12	27.40 0.16 -1.05	27.37 0.19 -0.69	23.78 0.17 -2.32	17.15 0.14 -4.63	20.32 0.22 -3.49	14.19 0.13 -5.32	13.90 0.15 -5.22	16.03 0.26 -4.53	16.95 0.29 -5.60	24.68 0.54 -4.21	21.29 0.43 -4.84	19.30 0.39 -3.94	14.48 0.23 -4.85	13.92 0.24 -3.81	16.11 0.33 -2.40
SHOEMAKER___GT 23640	24.13 1.01 -0.18	21.12 0.75 -2.86	20.07 0.70 -3.19	19.23 0.64 -2.93	19.94 0.67 -3.19	18.79 0.74 0.00	22.30 0.96 -0.02	25.63 1.11 -5.96	27.84 1.14 -7.41	31.36 1.49 -3.68	30.33 1.43 -2.40	30.56 1.17 -8.10	29.23 0.68 -16.17	29.70 0.91 -12.17	27.76 0.46 -18.55	27.22 0.48 -18.23	27.96 0.65 -16.07	31.57 0.65 -19.85	36.14 1.28 -14.94	34.17 0.99 -17.17	29.82 0.88 -13.96	27.16 0.56 -17.19	23.96 0.56 -13.52	22.68 0.79 -8.52
SHOEMAKR_138KV_BK 111 55601	24.10 0.99 -0.18	21.10 0.75 -2.84	20.05 0.70 -3.17	19.21 0.64 -2.91	19.90 0.66 -3.17	18.77 0.72 0.00	22.30 0.96 -0.02	25.30 1.08 -5.67	27.48 1.14 -7.05	31.16 1.47 -3.50	30.21 1.43 -2.28	30.17 1.17 -7.71	28.44 0.68 -15.38	29.11 0.91 -11.58	26.86 0.46 -17.65	26.34 0.48 -17.34	27.97 0.64 -16.09	31.60 0.65 -19.89	36.14 1.26 -14.96	34.18 0.98 -17.20	29.83 0.87 -13.98	27.18 0.56 -17.21	23.97 0.55 -13.54	22.68 0.78 -8.53

SHOREHAM_IC_1 23715	25.77 2.55 -0.29	22.61 1.84 -3.27	21.45 1.62 -3.64	20.42 1.42 -3.34	21.36 1.64 -3.64	19.94 1.89 0.00	23.78 2.41 -0.05	28.63 2.38 -7.69	29.91 2.41 -8.20	39.03 3.22 -9.62	36.41 2.81 -7.10	36.99 2.06 -13.63	36.83 1.34 -23.11	36.89 1.70 -18.58	36.11 1.01 -26.36	36.73 1.01 -27.19	38.04 1.33 -25.48	62.42 1.05 -50.30	99.51 2.03 -77.55	42.82 1.68 -25.13	38.19 1.65 -21.57	36.12 1.14 -25.58	34.66 1.23 -23.55	24.44 1.67 -9.39
SHOREHAM_IC_2 23716	25.77 2.55 -0.29	22.61 1.84 -3.27	21.45 1.62 -3.64	20.42 1.42 -3.34	21.36 1.64 -3.64	19.94 1.89 0.00	23.78 2.41 -0.05	28.63 2.38 -7.69	29.91 2.41 -8.20	39.03 3.22 -9.62	36.41 2.81 -7.10	36.99 2.06 -13.63	36.83 1.34 -23.11	36.89 1.70 -18.58	36.11 1.01 -26.36	36.73 1.01 -27.19	38.04 1.33 -25.48	62.42 1.05 -50.30	99.51 2.03 -77.55	42.82 1.68 -25.13	38.19 1.65 -21.57	36.12 1.14 -25.58	34.66 1.23 -23.55	24.44 1.67 -9.39
SISSONVILLE____ 23735	22.50 -0.44 -0.01	17.28 -0.32 -0.09	15.97 -0.32 -0.10	15.52 -0.23 -0.10	15.92 -0.26 -0.10	17.72 -0.32 0.00	20.87 -0.45 0.00	18.35 -0.39 -0.19	19.20 -0.33 -0.23	26.04 -0.26 -0.11	26.23 -0.34 -0.07	21.12 -0.43 -0.25	12.45 -0.43 -0.50	16.39 -0.60 -0.38	9.00 -0.32 -0.58	8.76 -0.33 -0.57	11.22 -0.52 -0.50	11.14 -0.54 -0.62	9.19 -1.02 9.72	5.44 -0.82 9.75	4.81 -0.70 9.46	3.18 -0.36 5.87	3.20 -0.33 6.35	3.69 -0.48 9.21
SITHE_IND_GS1 24169	22.58 -0.39 -0.03	17.71 -0.31 -0.52	16.47 -0.29 -0.58	15.89 -0.30 -0.53	16.35 -0.31 -0.58	17.72 -0.32 0.00	20.90 -0.43 0.00	19.22 -0.37 -1.03	20.17 -0.41 -1.29	26.25 -0.58 -0.64	26.36 -0.56 -0.42	22.25 -0.45 -1.41	14.95 -0.24 -2.81	18.43 -0.30 -2.11	11.84 -0.13 -3.22	11.56 -0.13 -3.16	13.85 -0.15 -2.76	14.35 -0.13 -3.42	22.26 -0.24 -2.57	18.77 -0.19 -2.95	17.20 -0.18 -2.40	12.25 -0.11 -2.96	12.08 -0.12 -2.33	14.68 -0.16 -1.47
SITHE_IND_GS2 24170	22.58 -0.39 -0.03	17.71 -0.31 -0.52	16.47 -0.29 -0.58	15.89 -0.30 -0.53	16.35 -0.31 -0.58	17.72 -0.32 0.00	20.90 -0.43 0.00	19.22 -0.37 -1.03	20.17 -0.41 -1.29	26.25 -0.58 -0.64	26.36 -0.56 -0.42	22.25 -0.45 -1.41	14.95 -0.24 -2.81	18.43 -0.30 -2.11	11.84 -0.13 -3.22	11.56 -0.13 -3.16	13.85 -0.15 -2.76	14.35 -0.13 -3.42	22.26 -0.24 -2.57	18.77 -0.19 -2.95	17.20 -0.18 -2.40	12.25 -0.11 -2.96	12.08 -0.12 -2.33	14.68 -0.16 -1.47
SITHE_IND_GS3 24171	22.58 -0.39 -0.03	17.71 -0.31 -0.52	16.47 -0.29 -0.58	15.89 -0.30 -0.53	16.35 -0.31 -0.58	17.72 -0.32 0.00	20.90 -0.43 0.00	19.22 -0.37 -1.03	20.17 -0.41 -1.29	26.25 -0.58 -0.64	26.36 -0.56 -0.42	22.25 -0.45 -1.41	14.95 -0.24 -2.81	18.43 -0.30 -2.11	11.84 -0.13 -3.22	11.56 -0.13 -3.16	13.85 -0.15 -2.76	14.35 -0.13 -3.42	22.26 -0.24 -2.57	18.77 -0.19 -2.95	17.20 -0.18 -2.40	12.25 -0.11 -2.96	12.08 -0.12 -2.33	14.68 -0.16 -1.47
SITHE_IND_GS4 24172	22.58 -0.39 -0.03	17.71 -0.31 -0.52	16.47 -0.29 -0.58	15.89 -0.30 -0.53	16.35 -0.31 -0.58	17.72 -0.32 0.00	20.90 -0.43 0.00	19.22 -0.37 -1.03	20.17 -0.41 -1.29	26.25 -0.58 -0.64	26.36 -0.56 -0.42	22.25 -0.45 -1.41	14.95 -0.24 -2.81	18.43 -0.30 -2.11	11.84 -0.13 -3.22	11.56 -0.13 -3.16	13.85 -0.15 -2.76	14.35 -0.13 -3.42	22.26 -0.24 -2.57	18.77 -0.19 -2.95	17.20 -0.18 -2.40	12.25 -0.11 -2.96	12.08 -0.12 -2.33	14.68 -0.16 -1.47
SITHE____BATAVIA 24024	23.61 0.62 -0.06	18.83 0.44 -0.88	17.63 0.45 -0.99	16.86 0.30 -0.90	17.37 0.30 -0.99	18.61 0.56 0.00	21.86 0.53 -0.01	20.43 0.11 -1.76	21.47 -0.02 -2.19	26.94 -0.34 -1.09	26.94 -0.26 -0.71	23.56 -0.13 -2.40	17.15 -0.01 -4.78	20.25 0.03 -3.60	14.29 0.05 -5.49	14.00 0.09 -5.39	16.12 0.18 -4.70	17.10 0.23 -5.81	24.71 0.42 -4.37	21.42 0.38 -5.02	19.42 0.36 -4.08	14.64 0.21 -5.03	14.10 0.28 -3.96	16.36 0.50 -2.49
SITHE____INDEPEND 23800	22.58 -0.39 -0.03	17.71 -0.32 -0.52	16.47 -0.29 -0.58	15.89 -0.30 -0.53	16.35 -0.31 -0.58	17.74 -0.31 0.00	20.90 -0.43 0.00	19.22 -0.37 -1.04	20.18 -0.41 -1.29	26.25 -0.58 -0.64	26.36 -0.56 -0.42	22.25 -0.45 -1.41	14.96 -0.24 -2.81	18.43 -0.30 -2.11	11.84 -0.13 -3.22	11.56 -0.13 -3.17	13.89 -0.15 -2.79	14.38 -0.13 -3.45	22.28 -0.24 -2.60	18.80 -0.19 -2.99	17.22 -0.18 -2.43	12.28 -0.11 -2.99	12.11 -0.12 -2.35	14.70 -0.16 -1.48
SITHE____MASSENA 23902	22.61 -0.32 0.00	17.30 -0.21 0.00	15.98 -0.21 0.00	15.50 -0.16 0.00	15.90 -0.18 0.00	17.79 -0.25 0.00	20.96 -0.36 0.00	18.24 -0.32 0.00	19.01 -0.29 0.00	25.96 -0.24 0.00	26.18 -0.32 0.00	20.99 -0.30 0.00	12.14 -0.25 0.00	16.28 -0.33 0.00	8.55 -0.19 0.00	8.33 -0.20 0.00	10.93 -0.30 0.00	10.74 -0.32 0.00	6.95 -0.62 12.36	3.04 -0.48 12.49	2.53 -0.43 12.01	1.37 -0.26 7.77	1.39 -0.26 8.22	1.50 -0.37 11.50
SITHE____OGDNSBRG 24021	22.73 -0.21 0.00	17.44 -0.14 -0.07	16.09 -0.18 -0.08	15.64 -0.09 -0.08	16.04 -0.11 -0.08	17.88 -0.16 0.00	21.04 -0.28 0.00	18.46 -0.24 -0.15	19.32 -0.15 -0.18	26.23 -0.05 -0.09	26.43 -0.13 -0.06	21.30 -0.19 -0.20	12.54 -0.24 -0.40	16.60 -0.32 -0.30	9.02 -0.18 -0.46	8.78 -0.19 -0.45	11.32 -0.31 -0.40	11.24 -0.31 -0.49	8.69 -0.58 10.66	4.82 -0.46 10.72	4.21 -0.39 10.37	2.70 -0.20 6.51	2.68 -0.19 7.00	3.03 -0.29 10.05
SITHE____STERLING 23777	23.50 0.55 -0.02	18.13 0.37 -0.26	16.78 0.31 -0.28	16.23 0.31 -0.26	16.68 0.32 -0.28	18.46 0.42 0.00	21.81 0.49 0.00	19.47 0.41 -0.51	20.43 0.50 -0.63	27.16 0.66 -0.31	27.42 0.72 -0.20	22.53 0.55 -0.69	14.10 0.33 -1.38	18.12 0.46 -1.04	10.60 0.27 -1.58	10.35 0.27 -1.56	13.47 0.38 -1.85	13.77 0.42 -2.28	22.42 0.78 -1.72	18.61 0.62 -1.98	17.18 0.60 -1.61	11.75 0.37 -1.98	11.80 0.38 -1.56	14.82 0.47 -0.98
SLEIGHT__34_KV_TB1 80719	23.12 0.14 -0.05	18.35 0.04 -0.81	17.12 0.03 -0.90	16.47 -0.02 -0.83	16.98 0.00 -0.90	18.12 0.07 0.00	21.41 0.09 -0.01	20.24 0.07 -1.61	21.32 0.02 -2.01	27.16 -0.03 -1.00	27.20 0.05 -0.65	23.57 0.09 -2.20	16.85 0.09 -4.38	20.06 0.15 -3.30	13.88 0.10 -5.03	13.57 0.11 -4.94	15.79 0.19 -4.36	16.67 0.22 -5.39	24.38 0.40 -4.05	20.99 0.32 -4.66	19.05 0.28 -3.79	14.23 0.16 -4.66	13.73 0.19 -3.67	15.95 0.27 -2.31
SOUTH CAIRO____GT 23612	24.55 1.38 -0.24	22.14 0.89 -3.74	21.16 0.79 -4.18	20.24 0.75 -3.83	21.05 0.80 -4.18	19.00 0.96 0.00	22.59 1.24 -0.03	26.92 0.89 -7.47	29.55 0.96 -9.29	32.06 1.26 -4.61	30.72 1.22 -3.00	32.52 1.06 -10.16	33.28 0.62 -20.28	32.69 0.81 -15.26	32.41 0.39 -23.27	31.78 0.40 -22.86	31.96 0.56 -20.16	36.60 0.62 -24.91	39.83 1.16 -18.75	38.42 0.86 -21.55	33.27 0.78 -17.52	31.44 0.47 -21.57	27.31 0.47 -16.97	24.77 0.71 -10.69
SOUTH HAMPTN____IC 23720	26.05 2.82 -0.29	22.80 2.03 -3.27	21.63 1.80 -3.64	20.58 1.58 -3.34	21.52 1.80 -3.64	20.14 2.09 0.00	24.01 2.64 -0.05	28.82 2.58 -7.69	30.14 2.64 -8.20	39.41 3.59 -9.63	36.82 3.21 -7.11	37.32 2.38 -13.64	37.04 1.54 -23.12	37.14 1.94 -18.59	36.25 1.14 -26.37	36.86 1.13 -27.21	38.23 1.49 -25.50	62.66 1.22 -50.38	99.99 2.35 -77.72	43.09 1.94 -25.14	38.43 1.87 -21.58	36.26 1.27 -25.59	34.42 1.36 -23.18	24.60 1.83 -9.39

SOUTHDOW_115KV_TB1 355954	23.85 0.85 -0.06	19.11 0.60 -1.01	17.96 0.65 -1.13	17.08 0.39 -1.03	17.59 0.39 -1.13	19.27 1.23 0.00	21.88 0.55 -0.01	20.74 0.17 -2.02	21.53 -0.27 -2.51	26.73 -0.71 -1.24	26.70 -0.61 -0.81	23.59 -0.45 -2.74	17.61 -0.25 -5.48	20.37 -0.37 -4.12	14.85 -0.17 -6.28	14.57 -0.13 -6.17	16.61 -0.08 -5.45	17.75 -0.04 -6.73	24.95 -0.04 -5.07	21.91 0.08 -5.82	19.80 0.09 -4.73	15.30 0.07 -5.83	14.59 0.13 -4.59	16.56 0.29 -2.89
SOUTHOLD_69_KV_BK 2 55809	26.37 3.14 -0.29	23.05 2.28 -3.27	21.85 2.02 -3.64	20.78 1.79 -3.34	21.63 1.91 -3.64	20.39 2.35 0.00	24.33 2.98 -0.03	28.03 2.88 -6.59	30.45 2.97 -8.18	39.87 4.06 -9.62	37.21 3.60 -7.10	37.72 2.81 -13.62	37.24 1.77 -23.08	37.45 2.28 -18.56	36.37 1.30 -26.32	36.97 1.30 -27.16	38.48 1.72 -25.52	62.90 1.45 -50.39	100.40 2.77 -77.70	43.45 2.27 -25.17	38.72 2.14 -21.60	36.46 1.44 -25.62	34.61 1.53 -23.21	24.82 2.05 -9.40
SOUTHOLD___IC 23719	26.39 3.17 -0.29	23.04 2.27 -3.27	21.85 2.02 -3.64	20.78 1.78 -3.34	21.76 2.04 -3.64	20.41 2.36 0.00	24.33 2.96 -0.05	29.14 2.89 -7.69	30.46 2.97 -8.20	39.88 4.06 -9.63	37.35 3.74 -7.11	37.74 2.81 -13.64	37.27 1.77 -23.12	37.47 2.28 -18.58	36.41 1.30 -26.37	37.02 1.29 -27.20	38.45 1.72 -25.50	62.87 1.45 -50.36	100.37 2.77 -77.68	43.42 2.27 -25.14	38.72 2.17 -21.58	36.43 1.44 -25.59	34.59 1.53 -23.18	24.81 2.05 -9.39
SPIERFLS_115KV_TB 1 80737	24.25 1.05 -0.26	22.33 0.77 -4.05	21.44 0.73 -4.52	20.43 0.63 -4.14	21.27 0.68 -4.52	18.79 0.74 0.00	22.46 1.11 -0.03	27.53 0.89 -8.08	30.30 0.96 -10.05	32.54 1.36 -4.99	31.21 1.46 -3.25	33.52 1.23 -10.99	35.01 0.69 -21.93	34.02 0.90 -16.51	34.34 0.43 -25.17	33.67 0.43 -24.72	33.66 0.57 -21.85	38.65 0.60 -26.99	41.31 1.08 -20.31	40.25 0.90 -23.35	34.75 0.79 -18.98	33.24 0.47 -23.37	28.74 0.48 -18.39	25.60 0.64 -11.58
ST LAWRENCE____ 23600	22.43 -0.50 0.00	17.15 -0.35 0.00	15.85 -0.34 0.00	15.38 -0.28 0.00	15.77 -0.31 0.00	17.65 -0.40 0.00	20.81 -0.51 0.00	18.13 -0.43 0.00	18.87 -0.42 0.00	25.72 -0.47 0.00	25.94 -0.56 0.00	20.82 -0.47 0.00	12.06 -0.32 0.00	16.18 -0.43 0.00	8.50 -0.24 0.00	8.27 -0.25 0.00	10.88 -0.36 0.00	10.69 -0.38 0.00	6.41 -0.70 12.81	2.50 -0.56 12.95	2.00 -0.52 12.45	1.03 -0.32 8.06	1.03 -0.33 8.52	1.00 -0.45 11.92
STATE_CA_115KV_115_LB 55624	24.15 0.96 -0.26	22.20 0.72 -3.98	21.29 0.66 -4.44	20.35 0.63 -4.07	21.17 0.66 -4.44	18.79 0.74 0.00	22.33 0.98 -0.03	27.29 0.80 -7.93	30.00 0.85 -9.86	32.21 1.13 -4.89	30.88 1.19 -3.19	33.06 0.98 -10.79	34.47 0.57 -21.52	33.58 0.76 -16.20	33.82 0.38 -24.70	33.15 0.37 -24.26	33.16 0.48 -21.44	38.04 0.49 -26.49	40.74 0.88 -19.93	39.62 0.70 -22.91	34.26 0.66 -18.63	32.74 0.40 -22.93	28.35 0.43 -18.04	25.33 0.59 -11.36
STATE_ST_34_KV_LOAD 55959	23.49 0.50 -0.05	18.69 0.33 -0.85	17.45 0.31 -0.95	16.78 0.25 -0.87	17.30 0.27 -0.95	18.48 0.43 0.00	21.78 0.45 -0.01	20.69 0.43 -1.70	21.84 0.42 -2.12	27.77 0.52 -1.05	27.77 0.58 -0.69	24.10 0.49 -2.32	17.33 0.32 -4.62	20.54 0.45 -3.48	14.30 0.25 -5.30	14.00 0.26 -5.21	16.23 0.39 -4.60	17.17 0.42 -5.68	24.96 0.76 -4.28	21.53 0.61 -4.92	19.53 0.55 -4.00	14.66 0.34 -4.92	14.09 0.35 -3.87	16.28 0.47 -2.44
STATION 5_MISC_HYD 23604	23.31 0.32 -0.05	18.54 0.23 -0.81	17.32 0.23 -0.91	16.63 0.14 -0.83	17.12 0.14 -0.91	18.23 0.18 0.00	21.60 0.28 -0.01	20.29 0.11 -1.62	21.38 0.08 -2.01	27.14 -0.05 -1.00	27.18 0.03 -0.65	23.57 0.09 -2.20	16.87 0.10 -4.39	20.10 0.18 -3.30	13.90 0.12 -5.04	13.61 0.14 -4.95	15.76 0.21 -4.31	16.63 0.24 -5.33	24.39 0.46 -4.01	21.00 0.38 -4.61	19.07 0.34 -3.75	14.21 0.20 -4.61	13.75 0.25 -3.63	16.02 0.36 -2.29
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	23.47 0.48 -0.05	18.60 0.28 -0.82	17.36 0.26 -0.91	16.70 0.20 -0.84	17.21 0.23 -0.91	18.41 0.36 0.00	21.71 0.38 -0.01	20.49 0.30 -1.64	21.58 0.25 -2.03	27.49 0.29 -1.01	27.50 0.34 -0.66	23.83 0.32 -2.22	17.04 0.22 -4.44	20.30 0.35 -3.34	14.05 0.21 -5.09	13.74 0.21 -5.00	15.98 0.33 -4.41	16.87 0.35 -5.45	24.71 0.68 -4.10	21.27 0.54 -4.72	19.29 0.48 -3.84	14.41 0.28 -4.72	13.90 0.32 -3.71	16.16 0.44 -2.34
STA_56_34_KV_BUS2_REV_LBMP_B 345033	23.22 0.23 -0.05	18.42 0.11 -0.81	17.20 0.11 -0.90	16.52 0.03 -0.83	17.03 0.05 -0.90	18.17 0.13 0.00	21.48 0.15 -0.01	20.23 0.06 -1.61	21.24 -0.06 -2.01	27.06 -0.13 -1.00	27.07 -0.08 -0.65	23.49 0.00 -2.20	16.80 0.04 -4.38	20.01 0.10 -3.30	13.86 0.09 -5.03	13.55 0.09 -4.94	15.75 0.16 -4.36	16.64 0.19 -5.39	24.34 0.36 -4.05	20.96 0.29 -4.66	19.03 0.27 -3.79	14.21 0.14 -4.66	13.73 0.19 -3.67	15.97 0.28 -2.31
STA_56___34_KV_BUS2 355983	23.22 0.23 -0.05	18.42 0.11 -0.81	17.20 0.11 -0.90	16.52 0.03 -0.83	17.03 0.05 -0.90	18.17 0.13 0.00	21.48 0.15 -0.01	20.23 0.06 -1.61	21.24 -0.06 -2.01	27.06 -0.13 -1.00	27.07 -0.08 -0.65	23.49 0.00 -2.20	16.80 0.04 -4.38	20.01 0.10 -3.30	13.86 0.09 -5.03	13.55 0.09 -4.94	15.75 0.16 -4.36	16.64 0.19 -5.39	24.34 0.36 -4.05	20.96 0.29 -4.66	19.03 0.27 -3.79	14.21 0.14 -4.66	13.73 0.19 -3.67	15.97 0.28 -2.31
STA_67___115KV_BK2 355882	23.31 0.32 -0.05	18.51 0.19 -0.81	17.29 0.19 -0.90	16.60 0.11 -0.83	17.11 0.13 -0.90	18.26 0.22 0.00	21.58 0.26 -0.01	20.30 0.13 -1.62	21.31 0.00 -2.01	27.09 -0.10 -1.00	27.12 -0.03 -0.65	23.51 0.02 -2.20	16.85 0.07 -4.39	20.05 0.13 -3.30	13.89 0.10 -5.04	13.58 0.11 -4.95	15.80 0.19 -4.37	16.68 0.22 -5.40	24.39 0.40 -4.06	21.01 0.34 -4.67	19.08 0.31 -3.80	14.25 0.18 -4.67	13.78 0.23 -3.68	16.04 0.35 -2.32
STA_7___115KV_9TRANS 80674	23.45 0.46 -0.05	18.60 0.28 -0.81	17.37 0.28 -0.91	16.68 0.19 -0.83	17.19 0.21 -0.91	18.37 0.32 0.00	21.67 0.34 -0.01	20.40 0.22 -1.62	21.40 0.10 -2.01	27.27 0.08 -1.00	27.31 0.16 -0.65	23.66 0.17 -2.20	16.92 0.15 -4.39	20.19 0.27 -3.31	13.95 0.17 -5.04	13.64 0.17 -4.95	15.88 0.27 -4.37	16.76 0.30 -5.40	24.55 0.56 -4.06	21.14 0.46 -4.67	19.19 0.42 -3.80	14.32 0.24 -4.68	13.84 0.29 -3.68	16.12 0.43 -2.32
STA_82___115KV_TB1 80780	23.33 0.34 -0.05	18.53 0.21 -0.81	17.31 0.21 -0.91	16.62 0.13 -0.83	17.13 0.14 -0.91	18.28 0.23 0.00	21.58 0.26 -0.01	20.33 0.15 -1.62	21.31 0.00 -2.02	27.12 -0.08 -1.00	27.15 0.00 -0.65	23.54 0.04 -2.21	16.86 0.07 -4.41	20.08 0.15 -3.32	13.92 0.11 -5.06	13.61 0.12 -4.97	15.82 0.20 -4.38	16.70 0.22 -5.42	24.42 0.42 -4.08	21.05 0.35 -4.69	19.11 0.33 -3.81	14.28 0.19 -4.69	13.79 0.23 -3.69	16.05 0.35 -2.32
STEEL___WIND 323596	23.36 0.37 -0.06	18.67 0.19 -0.97	17.55 0.27 -1.08	16.73 0.08 -0.99	17.24 0.08 -1.08	18.62 0.58 0.00	21.63 0.30 -0.01	20.31 -0.19 -1.93	21.20 -0.50 -2.40	26.36 -1.02 -1.19	26.35 -0.93 -0.78	23.32 -0.60 -2.63	17.35 -0.28 -5.25	20.18 -0.38 -3.95	14.61 -0.16 -6.02	14.32 -0.12 -5.92	16.32 -0.08 -5.16	17.38 -0.06 -6.37	24.58 -0.14 -4.80	21.49 -0.03 -5.51	19.44 -0.01 -4.48	14.92 0.00 -5.52	14.27 0.06 -4.34	16.31 0.20 -2.73

STEPHTWN_115KV_BK_2 55603	24.27 1.08 -0.25	22.26 0.81 -3.95	21.35 0.76 -4.40	20.40 0.70 -4.04	21.22 0.74 -4.40	18.88 0.83 0.00	22.46 1.11 -0.03	27.36 0.93 -7.87	30.04 0.96 -9.78	32.33 1.28 -4.86	31.02 1.35 -3.17	33.10 1.11 -10.71	34.40 0.66 -21.36	33.56 0.86 -16.08	33.69 0.43 -24.51	33.02 0.42 -24.08	33.07 0.55 -21.28	37.92 0.56 -26.29	40.73 1.02 -19.79	39.57 0.82 -22.74	34.23 0.76 -18.49	32.64 0.47 -22.76	28.28 0.49 -17.91	25.32 0.67 -11.28
STEUBEN_REC_LFGE 323667	23.88 0.87 -0.07	19.23 0.58 -1.14	18.05 0.58 -1.28	17.25 0.42 -1.17	17.80 0.45 -1.28	19.06 1.01 0.00	22.05 0.72 -0.01	21.34 0.50 -2.28	22.38 0.25 -2.84	27.63 0.03 -1.41	27.50 0.08 -0.92	24.48 0.09 -3.10	18.63 0.06 -6.19	21.34 0.07 -4.66	15.92 0.07 -7.10	15.58 0.09 -6.98	17.61 0.21 -6.16	18.92 0.24 -7.61	26.11 0.46 -5.73	23.01 0.42 -6.58	20.72 0.39 -5.35	16.24 0.24 -6.59	15.33 0.28 -5.18	17.08 0.44 -3.26
STILLWATER___SOLAR 323814	24.32 1.12 -0.26	22.39 0.84 -4.04	21.49 0.79 -4.51	20.51 0.72 -4.13	21.32 0.74 -4.51	18.88 0.83 0.00	22.51 1.15 -0.03	27.55 0.93 -8.06	30.30 0.98 -10.02	32.53 1.36 -4.97	31.17 1.43 -3.24	33.45 1.19 -10.97	34.95 0.69 -21.88	34.00 0.91 -16.47	34.30 0.45 -25.11	33.63 0.44 -24.66	33.62 0.58 -21.80	38.59 0.60 -26.93	41.27 1.08 -20.27	40.18 0.88 -23.29	34.71 0.79 -18.94	33.21 0.49 -23.31	28.72 0.50 -18.34	25.61 0.68 -11.55
STONY___BROOK 24151	25.54 2.29 -0.31	22.42 1.64 -3.27	21.27 1.44 -3.64	20.25 1.25 -3.34	21.18 1.46 -3.64	19.72 1.68 0.00	23.52 2.15 -0.05	28.44 2.17 -7.71	29.73 2.22 -8.22	39.06 2.93 -9.94	36.35 2.49 -7.36	36.99 1.79 -13.91	36.98 1.18 -23.42	36.99 1.50 -18.88	36.35 0.90 -26.70	37.04 0.91 -27.60	38.33 1.17 -25.93	63.84 0.90 -51.88	102.51 1.67 -80.91	42.89 1.39 -25.49	38.32 1.42 -21.93	36.38 1.02 -25.96	36.95 1.12 -25.96	24.29 1.50 -9.41
STURGEON_POOL_HYD 23609	24.13 0.99 -0.21	21.52 0.72 -3.29	20.51 0.65 -3.68	19.65 0.63 -3.37	20.38 0.63 -3.68	18.80 0.76 0.00	22.35 1.00 -0.03	26.00 0.87 -6.57	28.37 0.91 -8.17	31.42 1.18 -4.05	30.26 1.11 -2.64	31.12 0.89 -8.93	30.74 0.53 -17.83	30.73 0.70 -13.42	29.56 0.36 -20.46	28.98 0.37 -20.10	29.49 0.48 -17.77	33.50 0.48 -21.96	37.37 0.92 -16.52	35.72 0.72 -18.99	31.06 0.64 -15.44	28.84 0.42 -19.01	25.25 0.42 -14.96	23.38 0.59 -9.42
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	24.18 1.05 -0.19	21.24 0.81 -2.93	20.20 0.74 -3.26	19.35 0.70 -2.99	20.04 0.71 -3.26	18.82 0.78 0.00	22.39 1.04 -0.03	25.41 1.02 -5.83	27.61 1.06 -7.25	31.18 1.39 -3.60	30.20 1.35 -2.35	30.33 1.11 -7.93	28.86 0.64 -15.83	29.38 0.85 -11.92	27.35 0.44 -18.17	26.81 0.44 -17.84	27.94 0.60 -16.10	31.55 0.59 -19.90	36.03 1.14 -14.97	34.12 0.90 -17.21	29.78 0.81 -13.99	27.15 0.52 -17.23	23.94 0.51 -13.55	22.62 0.71 -8.54
SWANROAD_115KV_TB1 355699	22.90 -0.09 -0.06	18.42 -0.02 -0.93	17.30 0.08 -1.04	16.51 -0.09 -0.95	17.03 -0.08 -1.04	18.28 0.23 0.00	21.24 -0.09 -0.01	19.96 -0.45 -1.85	20.69 -0.91 -2.30	25.79 -1.55 -1.14	25.81 -1.43 -0.75	22.79 -1.02 -2.52	16.90 -0.51 -5.03	19.72 -0.68 -3.79	14.21 -0.31 -5.77	13.94 -0.26 -5.67	15.97 -0.27 -5.01	16.99 -0.25 -6.19	24.04 -0.54 -4.65	21.02 -0.34 -5.35	19.04 -0.28 -4.35	14.59 -0.17 -5.35	13.99 -0.10 -4.21	16.10 0.07 -2.65
SYNERGY___BIOGAS 323694	23.61 0.62 -0.06	18.83 0.44 -0.88	17.63 0.45 -0.99	16.86 0.30 -0.90	17.37 0.30 -0.99	18.61 0.56 0.00	21.86 0.53 -0.01	20.43 0.11 -1.76	21.47 -0.02 -2.19	26.94 -0.34 -1.09	26.94 -0.26 -0.71	23.56 -0.13 -2.40	17.15 -0.01 -4.78	20.25 0.03 -3.60	14.29 0.05 -5.49	14.00 0.09 -5.39	16.12 0.18 -4.70	17.10 0.23 -5.81	24.71 0.42 -4.37	21.42 0.38 -5.02	19.42 0.36 -4.08	14.64 0.21 -5.03	14.10 0.28 -3.96	16.36 0.50 -2.49
SYRACUSE___ENERGY_ST1 323597	23.26 0.28 -0.05	18.44 0.18 -0.76	17.19 0.16 -0.85	16.56 0.13 -0.77	17.06 0.14 -0.85	18.26 0.22 0.00	21.54 0.21 -0.01	20.29 0.22 -1.51	21.40 0.23 -1.88	27.39 0.26 -0.93	27.43 0.32 -0.61	23.62 0.28 -2.05	16.68 0.20 -4.10	19.98 0.28 -3.09	13.62 0.17 -4.71	13.31 0.17 -4.62	15.56 0.25 -4.08	16.37 0.27 -5.04	24.20 0.48 -3.79	20.75 0.38 -4.36	18.88 0.36 -3.55	13.99 0.23 -4.36	13.53 0.23 -3.43	15.86 0.32 -2.16
SYRACUSE___ENERGY_ST2 323598	23.26 0.28 -0.05	18.44 0.18 -0.76	17.19 0.16 -0.85	16.56 0.13 -0.77	17.06 0.14 -0.85	18.26 0.22 0.00	21.54 0.21 -0.01	20.29 0.22 -1.51	21.40 0.23 -1.88	27.39 0.26 -0.93	27.43 0.32 -0.61	23.62 0.28 -2.05	16.68 0.20 -4.10	19.98 0.28 -3.09	13.62 0.17 -4.71	13.31 0.17 -4.62	15.56 0.25 -4.08	16.37 0.27 -5.04	24.20 0.48 -3.79	20.75 0.38 -4.36	18.88 0.36 -3.55	13.99 0.23 -4.36	13.53 0.23 -3.43	15.86 0.32 -2.16
SYRACUSE___POWER 24017	23.19 0.21 -0.05	18.38 0.11 -0.77	17.16 0.11 -0.86	16.51 0.06 -0.79	17.02 0.08 -0.86	18.21 0.16 0.00	21.48 0.15 -0.01	20.25 0.15 -1.54	21.37 0.15 -1.92	27.30 0.16 -0.95	27.31 0.19 -0.62	23.56 0.17 -2.10	16.70 0.14 -4.18	19.96 0.20 -3.15	13.68 0.13 -4.80	13.37 0.13 -4.72	15.60 0.20 -4.16	16.43 0.22 -5.14	24.18 0.38 -3.87	20.78 0.32 -4.45	18.88 0.28 -3.62	14.04 0.18 -4.45	13.56 0.19 -3.50	15.84 0.25 -2.21
TALLMAN__138KV_BK151 55660	24.27 1.15 -0.19	21.35 0.86 -2.99	20.31 0.79 -3.33	19.45 0.74 -3.05	20.16 0.76 -3.33	18.88 0.83 0.00	22.48 1.13 -0.03	25.59 1.08 -5.96	27.80 1.10 -7.40	31.31 1.44 -3.67	30.33 1.43 -2.39	30.54 1.15 -8.10	29.22 0.68 -16.16	29.68 0.90 -12.16	27.75 0.45 -18.54	27.20 0.46 -18.22	28.05 0.62 -16.20	31.67 0.60 -20.01	36.16 1.18 -15.06	34.26 0.94 -17.31	29.89 0.84 -14.07	27.26 0.54 -17.32	24.04 0.53 -13.63	22.68 0.72 -8.58
TEALLAVE_115KV_TB7 355573	23.07 0.09 -0.04	18.23 0.04 -0.69	16.99 0.03 -0.77	16.36 0.00 -0.71	16.86 0.02 -0.77	18.12 0.07 0.00	21.37 0.04 -0.01	19.99 0.06 -1.38	21.06 0.06 -1.71	27.07 0.03 -0.85	27.11 0.05 -0.55	23.25 0.09 -1.87	16.19 0.07 -3.73	19.54 0.12 -2.81	13.12 0.09 -4.28	12.82 0.09 -4.21	15.10 0.15 -3.71	15.81 0.15 -4.59	23.66 0.28 -3.45	20.20 0.22 -3.97	18.41 0.21 -3.23	13.51 0.13 -3.97	13.14 0.14 -3.13	15.53 0.19 -1.97
TELGRAPH_34_KV_EAST 80808	23.34 0.34 -0.06	18.65 0.25 -0.90	17.50 0.31 -1.01	16.72 0.14 -0.92	17.24 0.16 -1.01	18.55 0.51 0.00	21.63 0.30 -0.01	20.32 -0.04 -1.80	21.11 -0.42 -2.23	26.49 -0.81 -1.11	26.53 -0.69 -0.72	23.29 -0.45 -2.45	17.06 -0.20 -4.88	20.05 -0.23 -3.67	14.27 -0.08 -5.60	13.98 -0.04 -5.50	16.10 0.01 -4.86	17.09 0.03 -6.00	24.48 0.04 -4.51	21.29 0.10 -5.19	19.30 0.10 -4.22	14.65 0.06 -5.19	14.09 0.13 -4.09	16.27 0.32 -2.57
TEMPLE___115KV_TB 2 55572	23.09 0.11 -0.04	18.25 0.05 -0.70	17.01 0.05 -0.78	16.39 0.02 -0.71	16.88 0.03 -0.78	18.14 0.09 0.00	21.39 0.06 -0.01	20.02 0.07 -1.39	21.10 0.08 -1.73	27.10 0.05 -0.86	27.17 0.11 -0.56	23.29 0.11 -1.89	16.25 0.10 -3.77	19.60 0.15 -2.84	13.17 0.10 -4.33	12.88 0.10 -4.25	15.15 0.16 -3.75	15.88 0.18 -4.64	23.73 0.32 -3.49	20.28 0.26 -4.01	18.46 0.22 -3.26	13.56 0.14 -4.01	13.18 0.15 -3.16	15.58 0.21 -1.99

TIANA___69_KV_BK 1 55817	25.93 2.71 -0.29	22.73 1.96 -3.27	21.56 1.73 -3.64	20.51 1.52 -3.34	21.36 1.64 -3.64	20.05 2.00 0.00	23.93 2.58 -0.03	27.65 2.51 -6.59	30.04 2.57 -8.18	39.29 3.48 -9.62	36.57 2.97 -7.11	37.19 2.28 -13.62	36.94 1.47 -23.08	37.05 1.88 -18.56	36.16 1.09 -26.32	36.78 1.10 -27.16	38.20 1.44 -25.52	62.63 1.17 -50.40	99.89 2.25 -77.71	43.02 1.84 -25.17	38.33 1.75 -21.60	36.24 1.22 -25.62	34.39 1.31 -23.21	24.55 1.78 -9.40
TILDEN___115KV_TB1 80814	23.19 0.21 -0.05	18.38 0.11 -0.77	17.16 0.11 -0.86	16.51 0.06 -0.79	17.02 0.08 -0.86	18.21 0.16 0.00	21.48 0.15 -0.01	20.25 0.15 -1.54	21.37 0.15 -1.92	27.30 0.16 -0.95	27.31 0.19 -0.62	23.56 0.17 -2.10	16.70 0.14 -4.18	19.96 0.20 -3.15	13.68 0.13 -4.80	13.37 0.13 -4.72	15.60 0.20 -4.16	16.43 0.22 -5.14	24.18 0.38 -3.87	20.78 0.32 -4.45	18.88 0.28 -3.62	14.04 0.18 -4.45	13.56 0.19 -3.50	15.84 0.25 -2.21
TRIGEN___CC 323695	24.75 1.61 -0.21	21.93 1.16 -3.27	20.85 1.02 -3.64	19.89 0.89 -3.34	20.66 0.95 -3.64	19.20 1.15 0.00	22.90 1.56 -0.03	26.63 1.56 -6.51	29.02 1.62 -8.10	32.36 2.15 -4.02	30.95 1.83 -2.62	31.55 1.41 -8.85	30.95 0.90 -17.67	31.06 1.15 -13.30	29.69 0.66 -20.28	29.09 0.66 -19.92	29.72 0.87 -17.62	33.53 0.70 -21.77	37.65 1.34 -16.38	35.95 1.10 -18.83	31.34 1.05 -15.31	29.04 0.73 -18.90	25.56 0.80 -14.89	23.79 1.07 -9.34
TRINITY___115KV___4 BK 55933	24.08 0.89 -0.25	22.14 0.68 -3.95	21.23 0.63 -4.41	20.30 0.60 -4.04	21.10 0.61 -4.41	18.75 0.70 0.00	22.27 0.92 -0.03	27.19 0.74 -7.89	29.89 0.79 -9.80	32.10 1.05 -4.86	30.76 1.09 -3.17	32.91 0.89 -10.72	34.31 0.53 -21.40	33.44 0.71 -16.11	33.65 0.35 -24.56	32.98 0.33 -24.12	33.00 0.45 -21.32	37.85 0.44 -26.34	40.54 0.80 -19.82	39.45 0.66 -22.78	34.11 0.61 -18.52	32.58 0.38 -22.80	28.22 0.40 -17.94	25.24 0.56 -11.30
UNION___PROCESSING_DRP 323587	23.33 0.34 -0.05	18.53 0.21 -0.82	17.31 0.21 -0.91	16.62 0.13 -0.83	17.13 0.14 -0.91	18.28 0.23 0.00	21.60 0.28 -0.01	20.33 0.15 -1.63	21.33 0.02 -2.02	27.12 -0.08 -1.00	27.15 0.00 -0.65	23.54 0.04 -2.21	16.88 0.09 -4.41	20.08 0.15 -3.32	13.92 0.11 -5.06	13.61 0.12 -4.97	15.83 0.20 -4.39	16.72 0.23 -5.42	24.44 0.44 -4.08	21.05 0.35 -4.69	19.12 0.33 -3.81	14.29 0.19 -4.69	13.80 0.24 -3.69	16.06 0.36 -2.33
UPPER HUDSON___HYD 24058	24.25 1.06 -0.26	22.33 0.77 -4.05	21.44 0.73 -4.52	20.43 0.63 -4.14	21.27 0.67 -4.52	18.80 0.76 0.00	22.46 1.11 -0.03	27.54 0.89 -8.09	30.31 0.96 -10.05	32.54 1.36 -4.99	31.21 1.46 -3.25	33.52 1.23 -11.00	35.02 0.69 -21.94	34.03 0.90 -16.52	34.36 0.43 -25.18	33.69 0.43 -24.74	33.64 0.57 -21.83	38.63 0.60 -26.97	41.29 1.08 -20.29	40.23 0.90 -23.32	34.73 0.79 -18.97	33.22 0.47 -23.35	28.72 0.48 -18.37	25.59 0.64 -11.57
UPPER RAQUET___HYD 24056	22.50 -0.44 -0.01	17.28 -0.31 -0.09	15.97 -0.32 -0.10	15.52 -0.23 -0.10	15.92 -0.26 -0.10	17.72 -0.32 0.00	20.87 -0.45 0.00	18.35 -0.39 -0.19	19.20 -0.33 -0.23	26.04 -0.26 -0.11	26.23 -0.35 -0.07	21.12 -0.43 -0.25	12.45 -0.43 -0.50	16.40 -0.60 -0.38	9.00 -0.32 -0.58	8.76 -0.33 -0.57	11.27 -0.52 -0.55	11.20 -0.54 -0.68	9.24 -1.02 9.67	5.49 -0.82 9.70	4.85 -0.70 9.42	3.23 -0.36 5.82	3.24 -0.33 6.31	3.71 -0.48 9.18
VALLEY44_115KV_TB2 355964	22.84 -0.16 -0.07	18.39 -0.14 -1.02	17.30 -0.03 -1.14	16.52 -0.19 -1.05	17.02 -0.19 -1.14	19.02 0.97 0.00	21.31 -0.02 -0.01	20.32 -0.28 -2.04	21.08 -0.75 -2.54	26.14 -1.31 -1.26	26.08 -1.25 -0.82	23.15 -0.92 -2.78	17.43 -0.50 -5.54	20.12 -0.66 -4.17	14.78 -0.32 -6.36	14.48 -0.28 -6.24	16.46 -0.29 -5.51	17.61 -0.27 -6.81	24.65 -0.40 -5.12	21.66 -0.24 -5.89	19.51 -0.25 -4.79	15.14 -0.16 -5.90	14.36 -0.15 -4.64	16.23 -0.07 -2.92
VALLEY___115KV_TB 1-4 80826	23.10 0.16 0.00	17.64 0.14 0.00	16.33 0.15 0.00	15.83 0.17 0.00	16.27 0.19 0.00	18.28 0.23 0.00	21.62 0.30 0.00	18.76 0.20 0.00	19.51 0.21 0.00	26.45 0.26 0.00	26.77 0.27 0.00	21.46 0.17 0.00	12.47 0.09 0.00	16.70 0.08 0.00	8.76 0.02 0.00	8.52 0.00 0.00	11.19 -0.04 0.00	11.02 -0.04 0.00	20.57 -0.08 -0.73	16.66 -0.08 -0.73	15.61 -0.07 -0.71	9.81 -0.05 -0.46	10.32 -0.04 -0.48	13.97 -0.08 -0.68
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	24.32 1.26 -0.13	20.41 0.91 -1.99	19.22 0.81 -2.23	18.50 0.80 -2.04	19.12 0.82 -2.23	19.04 0.99 0.00	22.51 1.17 -0.02	23.56 1.02 -3.98	25.40 1.16 -4.94	30.22 1.57 -2.45	29.74 1.64 -1.60	28.04 1.34 -5.41	23.99 0.82 -10.79	25.82 1.08 -8.13	21.72 0.59 -12.39	21.26 0.57 -12.17	22.70 0.72 -10.74	25.08 0.74 -13.27	31.27 1.35 -9.99	28.56 1.07 -11.48	25.34 1.03 -9.33	21.53 0.64 -11.49	19.58 0.67 -9.04	19.94 0.87 -5.69
VISCHER___FERRY HYD 24020	24.18 0.99 -0.26	22.25 0.74 -4.01	21.35 0.70 -4.47	20.40 0.64 -4.10	21.22 0.67 -4.47	18.80 0.76 0.00	22.34 0.98 -0.03	27.37 0.82 -8.00	30.08 0.85 -9.94	32.30 1.18 -4.93	30.94 1.22 -3.22	33.16 1.00 -10.87	34.66 0.58 -21.69	33.73 0.78 -16.33	34.02 0.38 -24.90	33.35 0.37 -24.46	33.31 0.49 -21.58	38.22 0.50 -26.66	40.89 0.90 -20.06	39.79 0.72 -23.06	34.40 0.67 -18.75	32.90 0.41 -23.08	28.47 0.43 -18.16	25.41 0.60 -11.44
V_A_10_SYNC_DSASP 323832	23.04 0.05 -0.06	18.50 0.11 -0.89	17.38 0.19 -1.00	16.60 0.03 -0.91	17.10 0.03 -1.00	18.08 0.04 0.00	21.52 0.19 -0.01	20.17 -0.17 -1.78	21.08 -0.42 -2.21	26.42 -0.86 -1.10	26.42 -0.79 -0.71	23.20 -0.51 -2.42	16.98 -0.22 -4.82	19.96 -0.28 -3.63	14.18 -0.10 -5.53	13.90 -0.06 -5.44	15.95 -0.02 -4.74	16.91 -0.01 -5.86	24.25 -0.08 -4.41	21.07 0.00 -5.06	19.12 0.03 -4.12	14.50 0.03 -5.07	13.95 0.09 -3.99	16.11 0.23 -2.51
V_CMM_10_SYNC_DSASP 323787	22.50 -0.44 0.00	17.21 -0.30 0.00	15.90 -0.29 0.00	15.42 -0.23 0.00	15.82 -0.26 0.00	17.70 -0.34 0.00	20.87 -0.45 0.00	18.17 -0.39 0.00	18.93 -0.37 0.00	25.80 -0.39 0.00	26.02 -0.48 0.00	20.88 -0.41 0.00	12.10 -0.28 0.00	16.23 -0.38 0.00	8.53 -0.22 0.00	8.30 -0.22 0.00	10.91 -0.33 0.00	10.72 -0.34 0.00	6.47 -0.64 12.81	2.55 -0.51 12.95	2.04 -0.48 12.45	1.06 -0.29 8.06	1.05 -0.31 8.52	1.04 -0.41 11.92
V_CMP_10_SYNC_DSASP 323788	22.98 0.05 0.00	17.61 0.11 0.00	16.28 0.10 0.00	15.89 0.24 0.00	16.33 0.26 0.00	18.35 0.31 0.00	21.60 0.28 0.00	18.78 0.22 0.00	19.58 0.29 0.00	26.85 0.66 0.00	27.00 0.50 0.00	21.69 0.40 0.00	12.49 0.11 0.00	16.75 0.13 0.00	8.76 0.02 0.00	8.51 -0.01 0.00	11.16 -0.08 0.00	10.83 -0.23 0.00	6.65 -0.64 12.63	2.55 -0.69 12.77	1.99 -0.70 12.28	0.96 -0.50 7.94	0.91 -0.56 8.40	0.76 -0.86 11.75
V_E_10_SYNC_DSASP 323830	24.80 1.77 -0.10	20.24 1.24 -1.49	18.95 1.10 -1.67	18.26 1.08 -1.53	18.87 1.12 -1.67	19.53 1.48 0.00	22.97 1.64 -0.01	22.91 1.37 -2.98	24.56 1.56 -3.70	30.05 2.02 -1.84	29.82 2.12 -1.20	27.00 1.66 -4.05	21.45 0.99 -8.08	23.99 1.30 -6.08	18.73 0.71 -9.27	18.32 0.69 -9.11	20.04 0.90 -7.90	21.81 0.98 -9.76	29.10 1.83 -7.35	25.89 1.44 -8.44	23.22 1.38 -6.86	18.70 0.85 -8.45	17.40 0.88 -6.65	18.67 1.11 -4.19

V_F_30_NSYNC___DSASP 323816	24.34 1.15 -0.26	22.41 0.86 -4.05	21.51 0.81 -4.52	20.52 0.72 -4.14	21.36 0.77 -4.52	18.91 0.87 0.00	22.53 1.17 -0.03	27.60 0.96 -8.08	30.34 1.00 -10.04	32.56 1.39 -4.98	31.20 1.46 -3.25	33.49 1.21 -10.98	35.00 0.71 -21.92	34.04 0.93 -16.50	34.35 0.45 -25.15	33.68 0.45 -24.71	33.63 0.60 -21.80	38.60 0.61 -26.93	41.29 1.10 -20.27	40.20 0.90 -23.29	34.72 0.81 -18.94	33.22 0.50 -23.32	28.73 0.51 -18.34	25.62 0.70 -11.55
V_F_30_SYNC_DSASP 323786	24.15 0.96 -0.26	22.20 0.72 -3.98	21.29 0.66 -4.44	20.35 0.63 -4.06	21.17 0.66 -4.44	18.79 0.74 0.00	22.33 0.98 -0.03	27.28 0.80 -7.93	30.00 0.85 -9.85	32.21 1.13 -4.89	30.85 1.17 -3.19	33.05 0.98 -10.78	34.46 0.57 -21.51	33.57 0.76 -16.19	33.81 0.38 -24.69	33.14 0.37 -24.25	33.15 0.48 -21.43	38.03 0.49 -26.48	40.73 0.88 -19.92	39.61 0.70 -22.90	34.25 0.66 -18.62	32.73 0.40 -22.92	28.34 0.43 -18.03	25.32 0.59 -11.36
V_XM_10_SYNC_DSASP 323789	22.98 0.05 0.00	17.61 0.11 0.00	16.28 0.10 0.00	15.89 0.24 0.00	16.33 0.26 0.00	18.35 0.31 0.00	21.60 0.28 0.00	18.78 0.22 0.00	19.58 0.29 0.00	26.85 0.66 0.00	27.00 0.50 0.00	21.69 0.40 0.00	12.49 0.11 0.00	16.75 0.13 0.00	8.76 0.02 0.00	8.51 -0.01 0.00	11.16 -0.08 0.00	10.83 -0.23 0.00	6.65 -0.64 12.63	2.55 -0.69 12.77	1.99 -0.70 12.28	0.96 -0.50 7.94	0.91 -0.56 8.40	0.76 -0.86 11.75
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	24.32 1.19 -0.19	21.39 0.89 -2.99	20.35 0.83 -3.34	19.48 0.77 -3.06	20.20 0.79 -3.34	18.91 0.87 0.00	22.52 1.17 -0.03	25.64 1.11 -5.97	27.85 1.14 -7.42	31.39 1.52 -3.68	30.38 1.48 -2.40	30.60 1.19 -8.12	29.28 0.71 -16.19	29.73 0.93 -12.19	27.81 0.48 -18.58	27.25 0.48 -18.25	28.08 0.64 -16.21	31.72 0.63 -20.03	36.23 1.24 -15.07	34.30 0.98 -17.32	29.93 0.87 -14.08	27.29 0.55 -17.34	24.07 0.56 -13.64	22.73 0.76 -8.59
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	24.50 1.35 -0.21	21.82 1.05 -3.26	20.82 0.99 -3.64	19.90 0.91 -3.34	20.65 0.93 -3.64	19.06 1.01 0.00	22.73 1.39 -0.03	26.38 1.32 -6.51	28.78 1.39 -8.09	32.02 1.81 -4.02	30.89 1.78 -2.62	31.57 1.43 -8.85	30.89 0.84 -17.66	31.02 1.11 -13.30	29.59 0.57 -20.27	29.00 0.56 -19.91	29.60 0.74 -17.62	33.56 0.73 -21.77	37.64 1.34 -16.38	35.91 1.07 -18.83	31.27 0.99 -15.31	28.88 0.63 -18.85	25.36 0.66 -14.83	23.60 0.88 -9.34
W50THST__13_KV_LOAD 356117	24.61 1.47 -0.21	21.89 1.12 -3.26	20.88 1.05 -3.64	19.97 0.97 -3.34	20.71 1.00 -3.64	19.13 1.08 0.00	22.82 1.47 -0.03	26.46 1.39 -6.51	28.87 1.49 -8.09	32.15 1.94 -4.02	31.03 1.91 -2.62	31.68 1.53 -8.85	30.94 0.89 -17.66	31.09 1.18 -13.30	29.62 0.60 -20.27	29.03 0.60 -19.91	29.65 0.80 -17.62	33.62 0.79 -21.77	37.72 1.41 -16.38	35.99 1.15 -18.83	31.33 1.05 -15.31	28.92 0.67 -18.85	25.41 0.71 -14.83	23.65 0.94 -9.34
WADING RIVER_IC_1 23522	25.77 2.55 -0.29	22.59 1.82 -3.27	21.45 1.62 -3.64	20.41 1.41 -3.34	21.34 1.62 -3.64	19.94 1.89 0.00	23.75 2.39 -0.05	28.60 2.36 -7.69	29.90 2.41 -8.20	39.06 3.22 -9.65	36.44 2.81 -7.13	37.01 2.06 -13.66	36.86 1.34 -23.14	36.93 1.71 -18.61	36.15 1.01 -26.39	36.78 1.02 -27.23	38.09 1.33 -25.53	62.61 1.06 -50.48	99.90 2.03 -77.95	42.86 1.68 -25.17	38.23 1.65 -21.60	36.16 1.14 -25.62	34.27 1.23 -23.16	24.42 1.66 -9.39
WADING RIVER_IC_2 23547	25.77 2.55 -0.29	22.59 1.82 -3.27	21.45 1.62 -3.64	20.41 1.41 -3.34	21.34 1.62 -3.64	19.94 1.89 0.00	23.75 2.39 -0.05	28.60 2.36 -7.69	29.90 2.41 -8.20	39.06 3.22 -9.65	36.44 2.81 -7.13	37.01 2.06 -13.66	36.86 1.34 -23.14	36.93 1.71 -18.61	36.15 1.01 -26.39	36.78 1.02 -27.23	38.09 1.33 -25.53	62.61 1.06 -50.48	99.90 2.03 -77.95	42.86 1.68 -25.17	38.23 1.65 -21.60	36.16 1.14 -25.62	34.27 1.23 -23.16	24.42 1.66 -9.39
WADING RIVER_IC_3 23601	25.77 2.55 -0.29	22.59 1.82 -3.27	21.45 1.62 -3.64	20.41 1.41 -3.34	21.34 1.62 -3.64	19.94 1.89 0.00	23.75 2.39 -0.05	28.60 2.36 -7.69	29.90 2.41 -8.20	39.06 3.22 -9.65	36.44 2.81 -7.13	37.01 2.06 -13.66	36.86 1.34 -23.14	36.93 1.71 -18.61	36.15 1.01 -26.39	36.78 1.02 -27.23	38.09 1.33 -25.53	62.61 1.06 -50.48	99.90 2.03 -77.95	42.86 1.68 -25.17	38.23 1.65 -21.60	36.16 1.14 -25.62	34.27 1.23 -23.16	24.42 1.66 -9.39
WALDENNY_12_KV_BK2 80841	23.27 0.28 -0.06	18.68 0.21 -0.97	17.56 0.29 -1.08	16.76 0.11 -0.99	17.28 0.13 -1.08	18.75 0.70 0.00	21.63 0.30 -0.01	20.43 -0.06 -1.93	21.17 -0.52 -2.40	26.39 -1.00 -1.19	26.40 -0.87 -0.78	23.34 -0.57 -2.62	17.34 -0.27 -5.23	20.19 -0.37 -3.94	14.60 -0.15 -6.00	14.32 -0.10 -5.90	16.39 -0.06 -5.21	17.45 -0.04 -6.43	24.65 -0.12 -4.84	21.56 -0.02 -5.56	19.51 0.01 -4.52	14.98 0.01 -5.57	14.32 0.07 -4.38	16.36 0.23 -2.76
WALDEN___HYDRO 24148	24.28 1.15 -0.20	21.46 0.86 -3.10	20.43 0.79 -3.45	19.56 0.74 -3.17	20.32 0.79 -3.45	18.89 0.85 0.00	22.45 1.11 -0.03	25.79 1.04 -6.20	28.05 1.06 -7.70	31.40 1.39 -3.82	30.34 1.35 -2.49	30.80 1.09 -8.42	29.83 0.64 -16.81	30.11 0.85 -12.65	28.47 0.44 -19.29	27.91 0.44 -18.95	28.54 0.60 -16.71	32.29 0.59 -20.64	36.59 1.14 -15.53	34.76 0.90 -17.85	30.30 0.81 -14.52	27.79 0.52 -17.87	24.46 0.52 -14.06	22.95 0.72 -8.85
WARRENSBURG____ 23737	24.25 1.06 -0.26	22.33 0.77 -4.05	21.44 0.73 -4.52	20.43 0.63 -4.14	21.27 0.67 -4.52	18.80 0.76 0.00	22.46 1.11 -0.03	27.54 0.89 -8.09	30.31 0.96 -10.05	32.54 1.36 -4.99	31.21 1.46 -3.25	33.52 1.23 -11.00	35.02 0.69 -21.94	34.03 0.90 -16.52	34.36 0.43 -25.18	33.69 0.43 -24.74	33.64 0.57 -21.83	38.63 0.60 -26.97	41.29 1.08 -20.29	40.23 0.90 -23.32	34.73 0.79 -18.97	33.22 0.47 -23.35	28.72 0.48 -18.37	25.59 0.64 -11.57
WATERSIDE___6 8 9 23538	24.41 1.26 -0.21	21.75 0.98 -3.26	20.75 0.92 -3.64	19.83 0.83 -3.34	20.58 0.87 -3.64	18.93 0.88 0.00	22.58 1.24 -0.03	26.25 1.19 -6.51	28.64 1.25 -8.09	31.83 1.62 -4.02	30.71 1.59 -2.62	31.42 1.28 -8.85	30.80 0.76 -17.66	30.89 0.98 -13.30	29.53 0.51 -20.27	28.94 0.50 -19.91	29.52 0.66 -17.62	33.49 0.65 -21.77	37.50 1.20 -16.38	35.80 0.96 -18.83	31.17 0.88 -15.31	28.81 0.56 -18.85	25.29 0.59 -14.83	23.50 0.79 -9.34
WATKINRD_115KV_LN8_ILLION 55919	23.10 0.16 0.00	17.64 0.14 0.00	16.32 0.13 0.00	15.80 0.14 0.00	16.22 0.14 0.00	18.23 0.18 0.00	21.53 0.21 0.00	18.72 0.17 0.00	19.47 0.17 0.00	26.40 0.21 0.00	26.74 0.24 0.00	21.46 0.17 0.00	12.48 0.10 0.00	16.73 0.12 0.00	8.80 0.05 0.00	8.56 0.04 0.00	11.28 0.04 0.00	11.11 0.04 0.00	20.73 0.08 -0.73	16.81 0.06 -0.73	15.74 0.06 -0.71	9.90 0.04 -0.46	10.40 0.04 -0.48	14.09 0.04 -0.68
WATSON___69_KV_BK 1 55734	25.55 2.36 -0.25	22.49 1.72 -3.27	21.33 1.51 -3.64	20.31 1.32 -3.34	21.13 1.41 -3.64	19.78 1.73 0.00	23.61 2.26 -0.03	27.32 2.21 -6.55	29.69 2.26 -8.14	35.96 3.04 -6.73	33.81 2.52 -4.79	34.39 1.94 -11.17	33.94 1.26 -20.29	34.06 1.59 -15.85	32.90 0.95 -23.20	32.90 0.95 -23.43	33.93 1.25 -21.45	47.68 0.97 -35.64	67.89 1.87 -46.09	39.46 1.55 -21.90	34.83 1.50 -18.36	32.62 1.06 -22.16	30.19 1.16 -19.16	24.31 1.56 -9.37



WDELAWARE___HYD 323627	24.35 1.24 -0.18	21.28 0.93 -2.85	20.19 0.83 -3.18	19.37 0.80 -2.91	20.08 0.84 -3.18	18.93 0.88 0.00	22.49 1.15 -0.02	25.31 1.08 -5.68	27.47 1.12 -7.06	31.14 1.44 -3.50	30.19 1.40 -2.28	30.14 1.13 -7.72	28.46 0.67 -15.41	29.10 0.88 -11.60	26.90 0.46 -17.69	26.37 0.48 -17.37	27.19 0.64 -15.32	30.64 0.65 -18.92	35.42 1.26 -14.24	33.35 0.98 -16.37	29.17 0.88 -13.31	26.36 0.57 -16.38	23.32 0.56 -12.89	22.28 0.79 -8.12
WEST BABYLON___IC 23714	25.33 2.18 -0.22	22.35 1.58 -3.27	21.22 1.39 -3.64	20.20 1.21 -3.34	21.02 1.30 -3.64	19.63 1.59 0.00	23.44 2.09 -0.03	27.14 2.06 -6.52	29.51 2.10 -8.11	33.74 2.83 -4.72	32.04 2.36 -3.18	32.55 1.81 -9.45	31.90 1.18 -18.34	32.05 1.48 -13.96	30.66 0.88 -21.03	30.23 0.89 -20.82	31.00 1.16 -18.61	37.33 0.92 -25.35	45.73 1.75 -24.05	37.09 1.46 -19.62	32.47 1.39 -16.10	30.14 1.00 -19.74	26.99 1.08 -16.04	24.18 1.46 -9.35
WEST CANADA___HYD 24049	23.00 0.07 0.00	17.56 0.05 0.00	16.24 0.05 0.00	15.71 0.05 0.00	16.12 0.05 0.00	18.12 0.07 0.00	21.41 0.09 0.00	18.61 0.06 0.00	19.37 0.08 0.00	26.27 0.08 0.00	26.61 0.11 0.00	21.38 0.09 0.00	12.43 0.05 0.00	16.68 0.07 0.00	8.78 0.04 0.00	8.56 0.03 0.00	11.71 0.05 -0.43	11.64 0.04 -0.53	21.15 0.10 -1.13	17.27 0.06 -1.20	16.13 0.08 -1.08	10.36 0.04 -0.92	10.76 0.04 -0.85	14.33 0.05 -0.91
WESTERN_NY_WIND 24143	23.59 0.60 -0.06	18.82 0.42 -0.89	17.62 0.44 -0.99	16.85 0.28 -0.91	17.37 0.31 -0.99	18.71 0.67 0.00	21.82 0.49 -0.01	20.52 0.19 -1.78	21.37 -0.14 -2.21	26.90 -0.39 -1.10	26.92 -0.29 -0.71	23.56 -0.15 -2.42	17.18 -0.02 -4.82	20.24 0.00 -3.63	14.32 0.04 -5.53	14.04 0.08 -5.44	16.21 0.17 -4.80	17.20 0.21 -5.93	24.77 0.38 -4.46	21.49 0.35 -5.13	19.49 0.34 -4.17	14.74 0.20 -5.13	14.18 0.27 -4.04	16.40 0.48 -2.54
WESTOVER___LESR 323668	23.60 0.57 -0.09	19.38 0.40 -1.48	18.24 0.40 -1.65	17.50 0.33 -1.51	18.07 0.35 -1.65	18.66 0.61 0.00	21.89 0.55 -0.01	21.94 0.45 -2.94	23.32 0.37 -3.66	28.43 0.42 -1.81	28.13 0.45 -1.18	25.67 0.38 -4.00	20.62 0.26 -7.98	22.97 0.35 -6.01	18.11 0.20 -9.16	17.72 0.20 -9.00	19.50 0.31 -7.94	21.21 0.33 -9.82	27.93 0.62 -7.39	25.01 0.51 -8.49	22.36 0.48 -6.90	18.20 0.30 -8.50	16.86 0.31 -6.69	18.04 0.45 -4.21
WETHRSFD_WT_PWR 323626	23.39 0.39 -0.07	18.76 0.21 -1.04	17.62 0.27 -1.16	16.83 0.11 -1.06	17.35 0.11 -1.16	18.53 0.49 0.00	21.61 0.28 -0.01	20.50 -0.13 -2.07	21.46 -0.41 -2.57	26.63 -0.84 -1.28	26.56 -0.77 -0.83	23.58 -0.53 -2.82	17.74 -0.26 -5.62	20.50 -0.35 -4.23	15.05 -0.15 -6.45	14.74 -0.12 -6.34	16.68 -0.08 -5.52	17.82 -0.07 -6.82	24.92 -0.14 -5.13	21.86 -0.05 -5.90	19.74 -0.03 -4.80	15.30 -0.01 -5.90	14.55 0.03 -4.64	16.45 0.15 -2.93
WHAVSTOR_138KV_BK127 55557	24.25 1.12 -0.19	21.34 0.84 -2.99	20.30 0.78 -3.34	19.44 0.72 -3.06	20.15 0.74 -3.34	18.86 0.81 0.00	22.45 1.11 -0.03	25.60 1.08 -5.97	27.80 1.08 -7.42	31.32 1.44 -3.68	30.31 1.40 -2.40	30.54 1.13 -8.12	29.25 0.67 -16.20	29.69 0.88 -12.19	27.79 0.45 -18.59	27.23 0.45 -18.26	28.05 0.61 -16.21	31.68 0.59 -20.03	36.15 1.16 -15.07	34.26 0.93 -17.32	29.88 0.82 -14.08	27.27 0.53 -17.34	24.05 0.53 -13.64	22.68 0.71 -8.59
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	24.25 1.12 -0.19	21.34 0.84 -2.99	20.30 0.78 -3.34	19.44 0.72 -3.06	20.15 0.74 -3.34	18.86 0.81 0.00	22.45 1.11 -0.03	25.60 1.08 -5.97	27.80 1.08 -7.42	31.32 1.44 -3.68	30.31 1.40 -2.40	30.54 1.13 -8.12	29.25 0.67 -16.20	29.69 0.88 -12.19	27.79 0.45 -18.59	27.23 0.45 -18.26	28.05 0.61 -16.21	31.68 0.59 -20.03	36.15 1.16 -15.07	34.26 0.93 -17.32	29.88 0.82 -14.08	27.27 0.53 -17.34	24.05 0.53 -13.64	22.68 0.71 -8.59
WHITEHAL_115KV_TB1 80871	24.69 1.49 -0.26	22.64 1.09 -4.05	21.74 1.04 -4.52	20.69 0.89 -4.14	21.54 0.95 -4.52	19.09 1.05 0.00	22.89 1.54 -0.03	27.88 1.24 -8.08	30.67 1.33 -10.04	33.06 1.89 -4.98	31.76 2.01 -3.25	33.96 1.68 -10.99	35.19 0.89 -21.92	34.28 1.16 -16.50	34.45 0.55 -25.15	33.79 0.55 -24.71	33.81 0.74 -21.84	38.82 0.77 -26.98	41.62 1.39 -20.30	40.59 1.25 -23.33	35.06 1.11 -18.97	33.41 0.65 -23.36	28.92 0.67 -18.38	25.84 0.90 -11.57
WHITEPLN_13_KV_LOAD 356215	24.52 1.38 -0.21	21.83 1.07 -3.26	20.80 0.97 -3.64	19.88 0.89 -3.33	20.63 0.92 -3.64	19.09 1.05 0.00	22.78 1.43 -0.03	26.43 1.37 -6.50	28.84 1.47 -8.08	32.14 1.94 -4.01	31.08 1.96 -2.61	31.68 1.55 -8.84	30.91 0.89 -17.64	31.06 1.16 -13.28	29.58 0.59 -20.24	29.00 0.60 -19.88	29.62 0.79 -17.60	33.58 0.77 -21.74	37.74 1.45 -16.36	36.00 1.18 -18.80	31.33 1.06 -15.29	28.90 0.68 -18.82	25.37 0.69 -14.81	23.61 0.91 -9.33
WM_FLOYD_69_KV_BK2 356380	25.73 2.50 -0.29	22.57 1.80 -3.27	21.43 1.60 -3.64	20.39 1.39 -3.34	21.23 1.51 -3.64	19.89 1.84 0.00	23.74 2.39 -0.03	27.47 2.32 -6.59	29.87 2.39 -8.18	38.91 3.20 -9.52	36.18 2.65 -7.03	36.85 2.02 -13.54	36.69 1.31 -22.99	36.75 1.66 -18.47	35.96 1.00 -26.22	36.56 1.01 -27.04	37.93 1.30 -25.39	62.01 1.04 -49.90	98.57 1.99 -76.65	42.70 1.63 -25.06	38.04 1.57 -21.49	36.03 1.12 -25.50	34.43 1.21 -23.35	24.42 1.65 -9.40
WOODARD___115KV_TB2 355635	23.03 0.05 -0.04	18.20 0.00 -0.70	16.98 0.02 -0.78	16.35 -0.02 -0.71	16.84 -0.02 -0.78	18.08 0.04 0.00	21.33 0.00 -0.01	19.96 0.02 -1.39	21.04 0.02 -1.73	27.02 -0.03 -0.86	27.09 0.03 -0.56	23.22 0.04 -1.89	16.20 0.05 -3.77	19.54 0.08 -2.84	13.14 0.07 -4.33	12.85 0.08 -4.25	15.11 0.12 -3.75	15.83 0.13 -4.64	23.65 0.24 -3.49	20.21 0.19 -4.01	18.41 0.18 -3.26	13.53 0.11 -4.01	13.15 0.12 -3.16	15.52 0.16 -1.99
YORK___WARBASSE 23770	24.50 1.35 -0.21	21.82 1.05 -3.26	20.82 0.99 -3.64	19.89 0.89 -3.34	20.63 0.92 -3.64	18.98 0.94 0.00	22.67 1.32 -0.03	26.33 1.26 -6.51	28.70 1.31 -8.09	31.94 1.73 -4.02	30.81 1.70 -2.62	31.51 1.36 -8.85	30.85 0.80 -17.66	30.97 1.06 -13.30	29.57 0.55 -20.27	28.98 0.55 -19.91	29.58 0.72 -17.62	33.53 0.70 -21.77	37.58 1.28 -16.38	35.88 1.04 -18.83	31.26 0.97 -15.31	28.86 0.61 -18.85	25.34 0.64 -14.83	23.56 0.84 -9.34