

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

11/02/2023

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	36.21	31.16	30.59	30.35	30.96	35.69	50.58	66.44	55.06	41.10	35.69	32.86	31.97	31.38	31.55	32.09	37.92	47.33	59.95	51.08	40.87	39.15	36.94	33.90
24138	2.71	2.12	2.08	2.09	2.27	2.89	3.27	3.34	3.33	3.32	3.04	2.75	1.83	1.88	1.79	1.93	1.77	2.43	2.95	2.80	2.20	1.81	1.30	1.45
	0.00	0.00	0.00	0.00	0.00	0.00	-9.29	-25.15	-14.35	-3.56	-3.15	-2.61	-11.13	-9.49	-10.08	-8.78	-16.04	-13.40	-20.09	-13.64	-10.03	-15.25	-19.59	-14.36
74TH STREET_GT_1	36.28	31.25	30.65	30.38	31.02	35.75	50.62	66.48	55.10	41.14	35.72	32.88	31.99	31.42	31.59	32.11	37.96	47.39	59.99	51.16	40.92	39.19	36.99	33.93
24260	2.78	2.21	2.14	2.12	2.32	2.95	3.31	3.38	3.36	3.35	3.07	2.78	1.84	1.92	1.83	1.95	1.81	2.49	2.99	2.88	2.26	1.86	1.35	1.48
	0.00	0.00	0.00	0.00	0.00	0.00	-9.29	-25.16	-14.35	-3.57	-3.15	-2.61	-11.13	-9.49	-10.08	-8.78	-16.04	-13.40	-20.10	-13.64	-10.03	-15.25	-19.60	-14.36
74TH STREET_GT_2	36.28	31.25	30.65	30.38	31.02	35.75	50.62	66.48	55.10	41.14	35.72	32.88	31.99	31.42	31.59	32.11	37.96	47.39	59.99	51.16	40.92	39.19	36.99	33.93
24261	2.78	2.21	2.14	2.12	2.32	2.95	3.31	3.38	3.36	3.35	3.07	2.78	1.84	1.92	1.83	1.95	1.81	2.49	2.99	2.88	2.26	1.86	1.35	1.48
	0.00	0.00	0.00	0.00	0.00	0.00	-9.29	-25.16	-14.35	-3.57	-3.15	-2.61	-11.13	-9.49	-10.08	-8.78	-16.04	-13.40	-20.10	-13.64	-10.03	-15.25	-19.60	-14.36
ADK HUDSON___FALLS	35.41	30.58	30.25	30.10	30.56	35.26	52.98	73.15	58.82	41.16	35.35	32.36	34.16	33.14	33.43	33.60	41.53	50.28	64.65	53.99	42.99	42.62	41.69	37.06
24011	1.91	1.54	1.74	1.84	1.87	2.46	3.12	3.15	3.14	2.40	1.83	1.54	0.97	1.04	0.91	1.03	0.99	1.70	2.14	1.97	1.57	1.10	0.67	0.67
	0.00	0.00	0.00	0.00	0.00	0.00	-11.84	-32.05	-18.29	-4.54	-4.01	-3.33	-14.18	-12.09	-12.85	-11.18	-20.44	-17.07	-25.61	-17.38	-12.78	-19.43	-24.97	-18.30
ADK RESOURCE___RCVRY	35.61	30.72	30.42	30.35	30.76	35.52	53.29	73.51	59.16	41.43	35.53	32.50	34.25	33.25	33.52	33.71	41.64	50.51	64.92	54.25	43.20	42.76	41.77	37.12
23798	2.11	1.68	1.91	2.09	2.07	2.72	3.42	3.49	3.48	2.67	2.01	1.68	1.05	1.14	0.98	1.13	1.08	1.92	2.40	2.22	1.78	1.24	0.74	0.72
	0.00	0.00	0.00	0.00	0.00	0.00	-11.84	-32.07	-18.30	-4.55	-4.02	-3.33	-14.19	-12.10	-12.86	-11.19	-20.45	-17.08	-25.62	-17.39	-12.79	-19.44	-24.98	-18.31
ADK S GLENS___FALLS	35.41	30.58	30.25	30.10	30.56	35.26	52.98	73.15	58.82	41.16	35.35	32.36	34.16	33.14	33.43	33.60	41.53	50.28	64.65	53.99	42.99	42.62	41.69	37.06
24028	1.91	1.54	1.74	1.84	1.87	2.46	3.12	3.15	3.14	2.40	1.83	1.54	0.97	1.04	0.91	1.03	0.99	1.70	2.14	1.97	1.57	1.10	0.67	0.67
	0.00	0.00	0.00	0.00	0.00	0.00	-11.84	-32.05	-18.29	-4.54	-4.01	-3.33	-14.18	-12.09	-12.85	-11.18	-20.44	-17.07	-25.61	-17.38	-12.78	-19.43	-24.97	-18.30
ADK_NYS___DAM	35.64	30.90	30.45	30.15	30.70	35.23	52.12	71.20	57.51	40.98	35.42	32.62	33.76	32.86	33.26	33.48	40.89	49.89	63.79	53.46	42.68	42.02	40.84	36.62
23527	2.15	1.86	1.94	1.89	2.01	2.43	2.81	2.69	2.69	2.43	2.09	1.95	1.24	1.32	1.34	1.43	1.31	2.11	2.47	2.25	1.86	1.41	1.00	1.09
	0.00	0.00	0.00	0.00	0.00	0.00	-11.28	-30.55	-17.43	-4.33	-3.83	-3.17	-13.51	-11.52	-12.25	-10.66	-19.48	-16.27	-24.41	-16.56	-12.19	-18.52	-23.80	-17.44
AIR_PRODUCTS___DRP	34.17	29.53	29.05	28.94	29.33	33.68	50.47	69.82	56.00	39.42	34.02	31.42	33.01	32.03	32.45	32.60	40.23	48.70	62.42	52.17	41.59	41.27	40.41	36.05
24190	0.67	0.49	0.54	0.68	0.63	0.89	1.03	0.95	0.97	0.82	0.65	0.71	0.32	0.36	0.37	0.43	0.40	0.72	0.81	0.76	0.63	0.44	0.27	0.31
	0.00	0.00	0.00	0.00	0.00	0.00	-11.42	-30.92	-17.64	-4.38	-3.87	-3.21	-13.68	-11.66	-12.39	-10.79	-19.72	-16.47	-24.70	-16.77	-12.33	-18.75	-24.09	-17.65
AKWESSNE_115KV_BK	32.83	28.55	28.03	27.75	28.18	32.11	37.11	37.15	36.53	33.43	28.88	26.83	18.52	19.47	19.15	20.81	19.58	30.69	36.13	33.78	27.94	21.56	15.63	17.66
355683	-0.67	-0.49	-0.48	-0.51	-0.52	-0.69	-0.91	-0.80	-0.86	-0.79	-0.62	-0.66	-0.49	-0.54	-0.53	-0.58	-0.52	-0.82	-0.78	-0.87	-0.69	-0.53	-0.42	-0.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	34.17	29.53	29.05	28.94	29.33	33.68	50.47	69.82	56.00	39.42	34.02	31.42	33.01	32.03	32.45	32.60	40.23	48.70	62.42	52.17	41.59	41.27	40.41	36.05
23571	0.67	0.49	0.54	0.68	0.63	0.89	1.03	0.95	0.97	0.82	0.65	0.71	0.32	0.36	0.37	0.43	0.40	0.72	0.81	0.76	0.63	0.44	0.27	0.31
	0.00	0.00	0.00	0.00	0.00	0.00	-11.42	-30.92	-17.64	-4.38	-3.87	-3.21	-13.68	-11.66	-12.39	-10.79	-19.72	-16.47	-24.70	-16.77	-12.33	-18.75	-24.09	-17.65
ALBANY___2	34.17	29.53	29.05	28.94	29.33	33.68	50.47	69.82	56.00	39.42	34.02	31.42	33.01	32.03	32.45	32.60	40.23	48.70	62.42	52.17	41.59	41.27	40.41	36.05
23572	0.67	0.49	0.54	0.68	0.63	0.89	1.03	0.95	0.97	0.82	0.65	0.71	0.32	0.36	0.37	0.43	0.40	0.72	0.81	0.76	0.63	0.44	0.27	0.31
	0.00	0.00	0.00	0.00	0.00	0.00	-11.42	-30.92	-17.64	-4.38	-3.87	-3.21	-13.68	-11.66	-12.39	-10.79	-19.72	-16.47	-24.70	-16.77	-12.33	-18.75	-24.09	-17.65
ALBANY___3	34.17	29.53	29.05	28.94	29.33	33.68	50.47	69.82	56.00	39.42	34.02	31.42	33.01	32.03	32.45	32.60	40.23	48.70	62.42	52.17	41.59	41.27	40.41	36.05
23573	0.67	0.49	0.54	0.68	0.63	0.89	1.03	0.95	0.97	0.82	0.65	0.71	0.32	0.36	0.37	0.43	0.40	0.72	0.81	0.76	0.63	0.44	0.27	0.31
	0.00	0.00	0.00	0.00	0.00	0.00	-11.42	-30.92	-17.64	-4.38	-3.87	-3.21	-13.68	-11.66	-12.39	-10.79	-19.72	-16.47	-24.70	-16.77	-12.33	-18.75	-24.09	-17.65

ALBANY___4 23574	34.17 0.67 0.00	29.53 0.49 0.00	29.05 0.54 0.00	28.94 0.68 0.00	29.33 0.63 0.00	33.68 0.89 0.00	50.47 1.03 -11.42	69.82 0.95 -30.92	56.00 0.97 -17.64	39.42 0.82 -4.38	34.02 0.65 -3.87	31.42 0.71 -3.21	33.01 0.32 -13.68	32.03 0.36 -11.66	32.45 0.37 -12.39	32.60 0.43 -10.79	40.23 0.40 -19.72	48.70 0.72 -16.47	62.42 0.81 -24.70	52.17 0.76 -16.77	41.59 0.63 -12.33	41.27 0.44 -18.75	40.41 0.27 -24.09	36.05 0.31 -17.65
ALBANY___LFGE 323615	34.64 1.14 0.00	29.97 0.93 0.00	29.51 1.00 0.00	29.42 1.16 0.00	29.76 1.06 0.00	34.18 1.38 0.00	51.17 1.60 -11.55	70.78 1.56 -31.27	56.80 1.57 -17.84	39.98 1.33 -4.43	34.48 1.06 -3.92	31.79 1.04 -3.25	33.44 0.59 -13.83	32.45 0.64 -11.79	32.86 0.65 -12.53	32.98 0.68 -10.91	40.69 0.64 -19.94	49.26 1.10 -16.65	63.18 1.29 -24.98	52.77 1.18 -16.95	42.08 0.97 -12.47	41.75 0.71 -18.96	40.87 0.47 -24.36	36.45 0.51 -17.85
ALCOA_PA_115KV_PL-6C 55860	32.99 -0.50 0.00	28.72 -0.32 0.00	28.20 -0.31 0.00	27.92 -0.34 0.00	28.29 -0.40 0.00	32.21 -0.59 0.00	37.26 -0.76 0.00	37.27 -0.68 0.00	36.60 -0.79 0.00	33.50 -0.72 0.00	28.97 -0.53 0.00	26.89 -0.60 0.00	18.56 -0.46 0.00	19.49 -0.52 0.00	19.18 -0.49 0.00	20.85 -0.53 0.00	19.60 -0.50 0.00	30.75 -0.76 0.00	36.20 -0.70 0.00	33.85 -0.80 0.00	28.00 -0.63 0.00	21.60 -0.49 0.00	15.68 -0.37 0.00	17.76 -0.33 0.00
ALCOA_RYNLDS___DRP 24188	32.99 -0.50 0.00	28.72 -0.32 0.00	28.20 -0.31 0.00	27.92 -0.34 0.00	28.29 -0.40 0.00	32.21 -0.59 0.00	37.26 -0.76 0.00	37.27 -0.68 0.00	36.60 -0.79 0.00	33.50 -0.72 0.00	28.97 -0.53 0.00	26.89 -0.60 0.00	18.56 -0.46 0.00	19.49 -0.52 0.00	19.18 -0.49 0.00	20.85 -0.53 0.00	19.60 -0.50 0.00	30.75 -0.76 0.00	36.20 -0.70 0.00	33.85 -0.80 0.00	28.00 -0.63 0.00	21.60 -0.49 0.00	15.68 -0.37 0.00	17.76 -0.33 0.00
ALCOA___DSASP 323711	32.99 -0.50 0.00	28.72 -0.32 0.00	28.20 -0.31 0.00	27.89 -0.37 0.00	28.29 -0.40 0.00	32.21 -0.59 0.00	37.22 -0.80 0.00	37.30 -0.65 0.00	36.60 -0.79 0.00	33.50 -0.72 0.00	28.97 -0.53 0.00	26.89 -0.60 0.00	18.56 -0.46 0.00	19.49 -0.52 0.00	19.19 -0.49 0.00	20.85 -0.53 0.00	19.60 -0.50 0.00	30.75 -0.76 0.00	36.20 -0.70 0.00	33.85 -0.80 0.00	28.00 -0.63 0.00	21.60 -0.49 0.00	15.68 -0.37 0.00	17.76 -0.33 0.00
ALLEGHENY___COGEN 23514	35.44 1.94 0.00	30.61 1.57 0.00	29.91 1.40 0.00	29.67 1.41 0.00	30.50 1.81 0.00	34.83 2.03 0.00	43.21 2.55 -2.63	47.28 2.20 -7.13	43.54 2.13 -4.02	36.79 1.57 -1.00	31.03 0.65 -0.88	28.88 0.66 -0.73	22.55 0.42 -3.12	23.17 0.50 -2.66	22.99 0.49 -2.82	24.47 0.62 -2.46	25.34 0.74 -4.49	36.75 1.45 -3.80	44.12 1.51 -5.70	40.24 1.73 -3.87	32.91 1.43 -2.84	27.47 1.06 -4.32	22.42 0.82 -5.56	22.94 0.78 -4.07
ALTAMONT_115KV_TB 2 55880	34.77 1.27 0.00	30.09 1.05 0.00	29.60 1.08 0.00	29.39 1.13 0.00	29.84 1.15 0.00	34.24 1.44 0.00	51.09 1.67 -11.40	70.44 1.63 -30.86	56.59 1.61 -17.60	40.03 1.44 -4.37	34.60 1.24 -3.86	31.85 1.15 -3.21	33.36 0.70 -13.64	32.41 0.76 -11.64	32.79 0.75 -12.37	32.96 0.81 -10.76	40.52 0.74 -19.67	49.13 1.20 -16.43	62.92 1.37 -24.65	52.69 1.32 -16.73	42.02 1.09 -12.31	41.63 0.84 -18.70	40.66 0.58 -24.03	36.35 0.65 -17.61
ALTONA_WT_PWR 323606	33.50 0.00 0.00	29.10 0.06 0.00	28.51 0.00 0.00	28.20 -0.06 0.00	28.61 -0.09 0.00	32.54 -0.26 0.00	37.03 -0.99 0.00	37.15 -0.80 0.00	36.49 -0.90 0.00	33.53 -0.68 0.00	28.97 -0.53 0.00	26.61 -0.88 0.00	18.18 -0.84 0.00	19.01 -1.00 0.00	18.73 -0.94 0.00	20.45 -0.94 0.00	19.36 -0.74 0.00	30.47 -1.04 0.00	36.35 -0.55 0.00	33.81 -0.83 0.00	27.94 -0.69 0.00	21.51 -0.57 0.00	15.57 -0.48 0.00	17.60 -0.49 0.00
AMERICAN_REF_FUEL 24010	32.93 -0.57 0.00	28.75 -0.29 0.00	27.94 -0.57 0.00	27.50 -0.76 0.00	28.41 -0.29 0.00	32.27 -0.53 0.00	39.26 -1.22 -2.45	42.16 -2.43 -6.64	39.35 -1.76 -3.72	33.84 -1.30 -0.92	28.93 -1.39 -0.82	27.26 -0.91 -0.68	21.21 -0.68 -2.88	21.93 -0.54 -2.46	21.70 -0.59 -2.61	22.85 -0.81 -2.27	23.42 -0.84 -4.15	33.34 -1.70 -3.54	39.55 -2.66 -5.30	36.16 -2.08 -3.60	29.76 -1.52 -2.65	24.96 -1.15 -4.03	20.70 -0.51 -5.17	21.34 -0.54 -3.79
ARKWRIGHT___SUMMIT_WT_PWR 323751	34.87 1.37 0.00	30.32 1.28 0.00	29.51 1.00 0.00	29.02 0.76 0.00	29.81 1.12 0.00	33.82 1.02 0.00	41.14 0.49 -2.62	44.63 -0.42 -7.10	41.50 0.15 -3.96	35.34 0.14 -0.98	30.22 -0.15 -0.87	28.35 0.14 -0.72	22.05 -0.04 -3.07	22.77 0.14 -2.62	22.58 0.12 -2.78	23.68 -0.13 -2.42	24.43 -0.10 -4.42	34.85 -0.44 -3.78	41.47 -1.11 -5.67	37.70 -0.80 -3.85	30.92 -0.54 -2.83	25.86 -0.53 -4.30	21.40 -0.18 -5.53	21.87 -0.27 -4.05
ARTHUR_KILL_GT_1 23520	36.65 3.15 -0.01	31.60 2.56 -0.01	31.03 2.51 -0.01	30.73 2.46 -0.01	31.23 2.53 -0.01	35.96 3.15 -0.01	50.05 2.74 -9.28	65.91 2.81 -25.15	54.46 2.73 -14.34	40.68 2.91 -3.56	35.60 2.95 -3.15	32.77 2.67 -2.61	31.89 1.75 -11.13	31.34 1.84 -9.49	31.49 1.73 -10.08	32.07 1.90 -8.78	37.94 1.79 -16.04	46.97 2.08 -13.39	59.50 2.51 -20.09	50.70 2.42 -13.63	40.51 1.86 -10.02	39.12 1.79 -15.25	37.14 1.49 -19.60	34.16 1.70 -14.37
ARTHUR_KILL_2 23512	36.58 3.08 -0.01	31.55 2.50 -0.01	30.94 2.42 -0.01	30.64 2.37 -0.01	31.14 2.44 -0.01	35.86 3.05 -0.01	49.93 2.62 -9.28	65.79 2.69 -25.15	54.35 2.62 -14.34	40.58 2.81 -3.56	35.55 2.89 -3.15	32.72 2.61 -2.61	31.83 1.69 -11.13	31.28 1.78 -9.49	31.43 1.67 -10.08	32.00 1.84 -8.78	37.88 1.73 -16.04	46.88 1.99 -13.39	59.39 2.40 -20.09	50.59 2.32 -13.63	40.43 1.78 -10.02	39.06 1.72 -15.25	37.09 1.44 -19.60	34.10 1.65 -14.37
ARTHUR_KILL_3 23513	35.94 2.44 0.00	30.93 1.89 0.00	30.37 1.85 0.00	30.15 1.89 0.00	30.73 2.04 0.00	35.42 2.62 0.00	50.20 2.89 -9.29	66.07 2.96 -25.16	54.69 2.95 -14.35	40.80 3.01 -3.57	35.46 2.80 -3.15	32.66 2.56 -2.61	31.82 1.67 -11.13	31.24 1.74 -9.49	31.39 1.63 -10.08	31.92 1.75 -8.78	37.76 1.61 -16.04	46.98 2.08 -13.40	59.55 2.54 -20.10	50.70 2.42 -13.64	40.64 1.97 -10.03	38.97 1.63 -15.25	36.83 1.19 -19.60	33.77 1.32 -14.36
ARTHUR_KILL_COGEN 323718	36.65 3.15 -0.01	31.60 2.56 -0.01	31.03 2.51 -0.01	30.73 2.46 -0.01	31.23 2.53 -0.01	35.96 3.15 -0.01	50.05 2.74 -9.28	65.91 2.81 -25.15	54.46 2.73 -14.34	40.68 2.91 -3.56	35.60 2.95 -3.15	32.77 2.67 -2.61	31.89 1.75 -11.13	31.34 1.84 -9.49	31.49 1.73 -10.08	32.07 1.90 -8.78	37.94 1.79 -16.04	46.97 2.08 -13.39	59.50 2.51 -20.09	50.70 2.42 -13.63	40.51 1.86 -10.02	39.12 1.79 -15.25	37.14 1.49 -19.60	34.16 1.70 -14.37
ASHOKAN____ 23654	35.71 2.21 0.00	30.99 1.95 0.00	30.45 1.94 0.00	30.12 1.86 0.00	30.53 1.84 0.00	34.96 2.16 0.00	49.10 0.88 -10.20	66.56 0.99 -27.62	53.89 0.75 -15.76	38.61 0.48 -3.91	33.11 0.15 -3.46	30.39 0.03 -2.87	31.18 -0.06 -12.22	30.35 -0.08 -10.42	30.71 -0.04 -11.07	30.98 -0.04 -9.64	37.82 0.10 -17.62	46.53 0.32 -14.71	59.64 0.66 -22.07	50.10 0.48 -14.98	39.99 0.34 -11.02	39.01 0.18 -16.75	37.58 0.02 -21.52	33.88 0.02 -15.77

ASTORIA_EAST_ENERGY_CC1 323581	36.15 2.65 -0.01	31.14 2.09 -0.01	30.66 2.14 -0.01	30.47 2.21 -0.01	31.14 2.44 -0.01	35.86 3.05 -0.01	50.47 3.15 -9.29	66.25 3.15 -25.16	54.54 2.81 -14.34	40.61 2.84 -3.56	35.42 2.77 -3.14	32.60 2.50 -2.61	31.79 1.65 -11.12	31.21 1.72 -9.48	31.37 1.61 -10.08	31.91 1.75 -8.77	37.73 1.59 -16.04	46.85 1.95 -13.39	59.32 2.33 -20.09	50.56 2.29 -13.63	40.46 1.80 -10.02	38.90 1.57 -15.25	36.91 1.27 -19.60	33.91 1.45 -14.37
ASTORIA_EAST_ENERGY_CC2 323582	36.15 2.65 -0.01	31.14 2.09 -0.01	30.66 2.14 -0.01	30.47 2.21 -0.01	31.17 2.47 -0.01	35.86 3.05 -0.01	50.51 3.19 -9.29	66.29 3.19 -25.16	54.54 2.81 -14.34	40.61 2.84 -3.56	35.42 2.77 -3.14	32.60 2.50 -2.61	31.79 1.65 -11.12	31.21 1.72 -9.48	31.37 1.61 -10.08	31.91 1.75 -8.77	37.73 1.59 -16.04	46.85 1.95 -13.39	59.32 2.33 -20.09	50.56 2.29 -13.63	40.46 1.80 -10.02	38.90 1.57 -15.25	36.91 1.27 -19.60	33.91 1.45 -14.37
ASTORIA_GT2_1 24094	36.14 2.65 0.00	31.16 2.12 0.00	30.65 2.14 0.00	30.44 2.18 0.00	31.16 2.47 0.00	35.85 3.05 0.00	50.51 3.19 -9.29	66.26 3.15 -25.16	54.51 2.77 -14.35	40.62 2.84 -3.57	35.43 2.77 -3.15	32.64 2.53 -2.61	31.80 1.65 -11.13	31.24 1.74 -9.49	31.39 1.63 -10.08	31.94 1.78 -8.78	37.76 1.61 -16.04	46.89 1.98 -13.40	59.36 2.36 -20.10	50.60 2.32 -13.64	40.47 1.80 -10.03	38.90 1.57 -15.25	36.93 1.28 -19.60	33.90 1.45 -14.36
ASTORIA_GT2_2 24095	36.14 2.65 0.00	31.16 2.12 0.00	30.65 2.14 0.00	30.44 2.18 0.00	31.16 2.47 0.00	35.85 3.05 0.00	50.51 3.19 -9.29	66.26 3.15 -25.16	54.51 2.77 -14.35	40.62 2.84 -3.57	35.43 2.77 -3.15	32.64 2.53 -2.61	31.80 1.65 -11.13	31.24 1.74 -9.49	31.39 1.63 -10.08	31.94 1.78 -8.78	37.76 1.61 -16.04	46.89 1.98 -13.40	59.36 2.36 -20.10	50.60 2.32 -13.64	40.47 1.80 -10.03	38.90 1.57 -15.25	36.93 1.28 -19.60	33.90 1.45 -14.36
ASTORIA_GT2_3 24096	36.14 2.65 0.00	31.16 2.12 0.00	30.65 2.14 0.00	30.44 2.18 0.00	31.16 2.47 0.00	35.85 3.05 0.00	50.51 3.19 -9.29	66.26 3.15 -25.16	54.51 2.77 -14.35	40.62 2.84 -3.57	35.43 2.77 -3.15	32.64 2.53 -2.61	31.80 1.65 -11.13	31.24 1.74 -9.49	31.39 1.63 -10.08	31.94 1.78 -8.78	37.76 1.61 -16.04	46.89 1.98 -13.40	59.36 2.36 -20.10	50.60 2.32 -13.64	40.47 1.80 -10.03	38.90 1.57 -15.25	36.93 1.28 -19.60	33.90 1.45 -14.36
ASTORIA_GT2_4 24097	36.14 2.65 0.00	31.16 2.12 0.00	30.65 2.14 0.00	30.44 2.18 0.00	31.16 2.47 0.00	35.85 3.05 0.00	50.51 3.19 -9.29	66.26 3.15 -25.16	54.51 2.77 -14.35	40.62 2.84 -3.57	35.43 2.77 -3.15	32.64 2.53 -2.61	31.80 1.65 -11.13	31.24 1.74 -9.49	31.39 1.63 -10.08	31.94 1.78 -8.78	37.76 1.61 -16.04	46.89 1.98 -13.40	59.36 2.36 -20.10	50.60 2.32 -13.64	40.47 1.80 -10.03	38.90 1.57 -15.25	36.93 1.28 -19.60	33.90 1.45 -14.36
ASTORIA_GT3_1 24098	36.14 2.65 0.00	31.16 2.12 0.00	30.65 2.14 0.00	30.44 2.18 0.00	31.16 2.47 0.00	35.85 3.05 0.00	50.51 3.19 -9.29	66.26 3.15 -25.16	54.51 2.77 -14.35	40.62 2.84 -3.57	35.43 2.77 -3.15	32.64 2.53 -2.61	31.80 1.65 -11.13	31.24 1.74 -9.49	31.39 1.63 -10.08	31.94 1.78 -8.78	37.76 1.61 -16.04	46.89 1.98 -13.40	59.36 2.36 -20.10	50.60 2.32 -13.64	40.47 1.80 -10.03	38.90 1.57 -15.25	36.93 1.28 -19.60	33.90 1.45 -14.36
ASTORIA_GT3_2 24099	36.14 2.65 0.00	31.16 2.12 0.00	30.65 2.14 0.00	30.44 2.18 0.00	31.16 2.47 0.00	35.85 3.05 0.00	50.51 3.19 -9.29	66.26 3.15 -25.16	54.51 2.77 -14.35	40.62 2.84 -3.57	35.43 2.77 -3.15	32.64 2.53 -2.61	31.80 1.65 -11.13	31.24 1.74 -9.49	31.39 1.63 -10.08	31.94 1.78 -8.78	37.76 1.61 -16.04	46.89 1.98 -13.40	59.36 2.36 -20.10	50.60 2.32 -13.64	40.47 1.80 -10.03	38.90 1.57 -15.25	36.93 1.28 -19.60	33.90 1.45 -14.36
ASTORIA_GT3_3 24100	36.14 2.65 0.00	31.16 2.12 0.00	30.65 2.14 0.00	30.44 2.18 0.00	31.16 2.47 0.00	35.85 3.05 0.00	50.51 3.19 -9.29	66.26 3.15 -25.16	54.51 2.77 -14.35	40.62 2.84 -3.57	35.43 2.77 -3.15	32.64 2.53 -2.61	31.80 1.65 -11.13	31.24 1.74 -9.49	31.39 1.63 -10.08	31.94 1.78 -8.78	37.76 1.61 -16.04	46.89 1.98 -13.40	59.36 2.36 -20.10	50.60 2.32 -13.64	40.47 1.80 -10.03	38.90 1.57 -15.25	36.93 1.28 -19.60	33.90 1.45 -14.36
ASTORIA_GT3_4 24101	36.14 2.65 0.00	31.16 2.12 0.00	30.65 2.14 0.00	30.44 2.18 0.00	31.16 2.47 0.00	35.85 3.05 0.00	50.51 3.19 -9.29	66.26 3.15 -25.16	54.51 2.77 -14.35	40.62 2.84 -3.57	35.43 2.77 -3.15	32.64 2.53 -2.61	31.80 1.65 -11.13	31.24 1.74 -9.49	31.39 1.63 -10.08	31.94 1.78 -8.78	37.76 1.61 -16.04	46.89 1.98 -13.40	59.36 2.36 -20.10	50.60 2.32 -13.64	40.47 1.80 -10.03	38.90 1.57 -15.25	36.93 1.28 -19.60	33.90 1.45 -14.36
ASTORIA_GT4_1 24102	36.14 2.65 0.00	31.16 2.12 0.00	30.65 2.14 0.00	30.44 2.18 0.00	31.16 2.47 0.00	35.85 3.05 0.00	50.51 3.19 -9.29	66.26 3.15 -25.16	54.51 2.77 -14.35	40.62 2.84 -3.57	35.43 2.77 -3.15	32.64 2.53 -2.61	31.80 1.65 -11.13	31.24 1.74 -9.49	31.39 1.63 -10.08	31.94 1.78 -8.78	37.76 1.61 -16.04	46.89 1.98 -13.40	59.36 2.36 -20.10	50.60 2.32 -13.64	40.47 1.80 -10.03	38.90 1.57 -15.25	36.93 1.28 -19.60	33.90 1.45 -14.36
ASTORIA_GT4_2 24103	36.14 2.65 0.00	31.16 2.12 0.00	30.65 2.14 0.00	30.44 2.18 0.00	31.16 2.47 0.00	35.85 3.05 0.00	50.51 3.19 -9.29	66.26 3.15 -25.16	54.51 2.77 -14.35	40.62 2.84 -3.57	35.43 2.77 -3.15	32.64 2.53 -2.61	31.80 1.65 -11.13	31.24 1.74 -9.49	31.39 1.63 -10.08	31.94 1.78 -8.78	37.76 1.61 -16.04	46.89 1.98 -13.40	59.36 2.36 -20.10	50.60 2.32 -13.64	40.47 1.80 -10.03	38.90 1.57 -15.25	36.93 1.28 -19.60	33.90 1.45 -14.36
ASTORIA_GT4_3 24104	36.14 2.65 0.00	31.16 2.12 0.00	30.65 2.14 0.00	30.44 2.18 0.00	31.16 2.47 0.00	35.85 3.05 0.00	50.51 3.19 -9.29	66.26 3.15 -25.16	54.51 2.77 -14.35	40.62 2.84 -3.57	35.43 2.77 -3.15	32.64 2.53 -2.61	31.80 1.65 -11.13	31.24 1.74 -9.49	31.39 1.63 -10.08	31.94 1.78 -8.78	37.76 1.61 -16.04	46.89 1.98 -13.40	59.36 2.36 -20.10	50.60 2.32 -13.64	40.47 1.80 -10.03	38.90 1.57 -15.25	36.93 1.28 -19.60	33.90 1.45 -14.36
ASTORIA_GT4_4 24105	36.14 2.65 0.00	31.16 2.12 0.00	30.65 2.14 0.00	30.44 2.18 0.00	31.16 2.47 0.00	35.85 3.05 0.00	50.51 3.19 -9.29	66.26 3.15 -25.16	54.51 2.77 -14.35	40.62 2.84 -3.57	35.43 2.77 -3.15	32.64 2.53 -2.61	31.80 1.65 -11.13	31.24 1.74 -9.49	31.39 1.63 -10.08	31.94 1.78 -8.78	37.76 1.61 -16.04	46.89 1.98 -13.40	59.36 2.36 -20.10	50.60 2.32 -13.64	40.47 1.80 -10.03	38.90 1.57 -15.25	36.93 1.28 -19.60	33.90 1.45 -14.36
ASTORIA_GT_1 23523	36.22 2.71 -0.01	31.20 2.15 -0.01	30.72 2.20 -0.01	30.53 2.26 -0.01	31.20 2.50 -0.01	35.92 3.12 -0.01	50.54 3.23 -9.29	66.37 3.26 -25.16	54.61 2.88 -14.34	40.68 2.91 -3.56	35.48 2.83 -3.14	32.68 2.58 -2.61	31.83 1.69 -11.12	31.25 1.76 -9.48	31.42 1.67 -10.08	31.95 1.80 -8.77	37.79 1.65 -16.04	46.94 2.05 -13.39	59.43 2.44 -20.09	50.66 2.39 -13.63	40.51 1.86 -10.02	38.95 1.61 -15.25	36.94 1.30 -19.60	33.94 1.48 -14.37

ASTORIA_GT_10 24110	36.21 2.71 0.00	31.19 2.15 0.00	30.62 2.11 0.00	30.35 2.09 0.00	30.99 2.30 0.00	35.69 2.89 0.00	50.28 2.97 -9.29	66.07 2.96 -25.16	54.54 2.80 -14.35	40.83 3.05 -3.57	35.54 2.89 -3.15	32.75 2.64 -2.61	31.87 1.73 -11.13	31.32 1.82 -9.49	31.47 1.71 -10.08	32.00 1.84 -8.78	37.82 1.67 -16.04	47.04 2.14 -13.40	59.51 2.51 -20.10	50.74 2.46 -13.64	40.61 1.95 -10.03	38.99 1.66 -15.25	36.94 1.30 -19.60	33.90 1.45 -14.36
ASTORIA_GT_11 24225	36.21 2.71 0.00	31.19 2.15 0.00	30.62 2.11 0.00	30.35 2.09 0.00	30.99 2.30 0.00	35.69 2.89 0.00	50.28 2.97 -9.29	66.07 2.96 -25.16	54.54 2.80 -14.35	40.83 3.05 -3.57	35.54 2.89 -3.15	32.75 2.64 -2.61	31.87 1.73 -11.13	31.32 1.82 -9.49	31.47 1.71 -10.08	32.00 1.84 -8.78	37.82 1.67 -16.04	47.04 2.14 -13.40	59.51 2.51 -20.10	50.74 2.46 -13.64	40.61 1.95 -10.03	38.99 1.66 -15.25	36.94 1.30 -19.60	33.90 1.45 -14.36
ASTORIA_GT_12 24226	36.21 2.71 0.00	31.19 2.15 0.00	30.62 2.11 0.00	30.35 2.09 0.00	30.99 2.30 0.00	35.69 2.89 0.00	50.28 2.97 -9.29	66.07 2.96 -25.16	54.54 2.80 -14.35	40.83 3.05 -3.57	35.54 2.89 -3.15	32.75 2.64 -2.61	31.87 1.73 -11.13	31.32 1.82 -9.49	31.47 1.71 -10.08	32.00 1.84 -8.78	37.82 1.67 -16.04	47.04 2.14 -13.40	59.51 2.51 -20.10	50.74 2.46 -13.64	40.61 1.95 -10.03	38.99 1.66 -15.25	36.94 1.30 -19.60	33.90 1.45 -14.36
ASTORIA_GT_13 24227	36.21 2.71 0.00	31.19 2.15 0.00	30.62 2.11 0.00	30.35 2.09 0.00	30.99 2.30 0.00	35.69 2.89 0.00	50.28 2.97 -9.29	66.07 2.96 -25.16	54.54 2.80 -14.35	40.83 3.05 -3.57	35.54 2.89 -3.15	32.75 2.64 -2.61	31.87 1.73 -11.13	31.32 1.82 -9.49	31.47 1.71 -10.08	32.00 1.84 -8.78	37.82 1.67 -16.04	47.04 2.14 -13.40	59.51 2.51 -20.10	50.74 2.46 -13.64	40.61 1.95 -10.03	38.99 1.66 -15.25	36.94 1.30 -19.60	33.90 1.45 -14.36
ASTORIA_GT_5 24106	36.22 2.71 -0.01	31.20 2.15 -0.01	30.72 2.20 -0.01	30.53 2.26 -0.01	31.20 2.50 -0.01	35.92 3.12 -0.01	50.54 3.23 -9.29	66.37 3.26 -25.16	54.61 2.88 -14.34	40.68 2.91 -3.56	35.48 2.83 -3.14	32.68 2.58 -2.61	31.83 1.69 -11.12	31.25 1.76 -9.48	31.42 1.67 -10.08	31.95 1.80 -8.77	37.79 1.65 -16.04	46.94 2.05 -13.39	59.43 2.44 -20.09	50.66 2.39 -13.63	40.51 1.86 -10.02	38.95 1.61 -15.25	36.94 1.30 -19.60	33.94 1.48 -14.37
ASTORIA_GT_7 24107	36.22 2.71 -0.01	31.20 2.15 -0.01	30.72 2.20 -0.01	30.53 2.26 -0.01	31.20 2.50 -0.01	35.92 3.12 -0.01	50.54 3.23 -9.29	66.37 3.26 -25.16	54.61 2.88 -14.34	40.68 2.91 -3.56	35.48 2.83 -3.14	32.68 2.58 -2.61	31.83 1.69 -11.12	31.25 1.76 -9.48	31.42 1.67 -10.08	31.95 1.80 -8.77	37.79 1.65 -16.04	46.94 2.05 -13.39	59.43 2.44 -20.09	50.66 2.39 -13.63	40.51 1.86 -10.02	38.95 1.61 -15.25	36.94 1.30 -19.60	33.94 1.48 -14.37
ASTORIA_GT_8 24108	36.21 2.71 0.00	31.22 2.18 0.00	30.71 2.20 0.00	30.49 2.23 0.00	31.19 2.50 0.00	35.91 3.12 0.00	50.58 3.27 -9.29	66.33 3.23 -25.16	54.58 2.84 -14.35	40.69 2.91 -3.57	35.48 2.83 -3.15	32.69 2.58 -2.61	31.83 1.69 -11.13	31.26 1.76 -9.49	31.43 1.67 -10.08	31.96 1.80 -8.78	37.80 1.65 -16.04	46.95 2.05 -13.40	59.40 2.40 -20.10	50.67 2.39 -13.64	40.52 1.86 -10.03	38.95 1.61 -15.25	36.96 1.32 -19.60	33.93 1.48 -14.36
ASTORIA___2 24149	36.15 2.65 -0.01	31.17 2.12 -0.01	30.66 2.14 -0.01	30.50 2.23 -0.01	31.17 2.47 -0.01	35.86 3.05 -0.01	50.51 3.19 -9.29	66.29 3.19 -25.16	54.54 2.81 -14.34	40.61 2.84 -3.56	35.42 2.77 -3.14	32.63 2.53 -2.61	31.79 1.65 -11.12	31.23 1.74 -9.48	31.39 1.63 -10.08	31.93 1.77 -8.77	37.75 1.61 -16.04	46.88 1.99 -13.39	59.36 2.36 -20.09	50.59 2.32 -13.63	40.46 1.80 -10.02	38.90 1.57 -15.25	36.93 1.28 -19.60	33.91 1.45 -14.37
ASTORIA___3 23516	36.22 2.71 -0.01	31.20 2.15 -0.01	30.63 2.11 -0.01	30.41 2.15 -0.01	31.00 2.30 -0.01	35.69 2.89 -0.01	50.32 3.00 -9.29	66.10 3.00 -25.16	54.62 2.88 -14.35	40.86 3.08 -3.57	35.55 2.89 -3.15	32.75 2.64 -2.61	31.87 1.73 -11.13	31.30 1.80 -9.49	31.47 1.71 -10.08	32.00 1.84 -8.78	37.84 1.69 -16.04	47.05 2.14 -13.40	59.51 2.51 -20.10	50.74 2.46 -13.64	40.64 1.97 -10.03	38.99 1.66 -15.25	36.93 1.28 -19.60	33.91 1.45 -14.37
ASTORIA___4 23517	36.21 2.71 0.00	31.19 2.15 0.00	30.62 2.11 0.00	30.35 2.09 0.00	30.99 2.30 0.00	35.69 2.89 0.00	50.28 2.97 -9.29	66.07 2.96 -25.16	54.54 2.80 -14.35	40.83 3.05 -3.57	35.54 2.89 -3.15	32.75 2.64 -2.61	31.87 1.73 -11.13	31.32 1.82 -9.49	31.47 1.71 -10.08	32.00 1.84 -8.78	37.82 1.67 -16.04	47.04 2.14 -13.40	59.51 2.51 -20.10	50.74 2.46 -13.64	40.61 1.95 -10.03	38.99 1.66 -15.25	36.94 1.30 -19.60	33.90 1.45 -14.36
ASTORIA___5 23518	36.22 2.71 -0.01	31.20 2.15 -0.01	30.63 2.11 -0.01	30.41 2.15 -0.01	31.00 2.30 -0.01	35.69 2.89 -0.01	50.32 3.00 -9.29	66.10 3.00 -25.16	54.62 2.88 -14.35	40.86 3.08 -3.57	35.55 2.89 -3.15	32.75 2.64 -2.61	31.87 1.73 -11.13	31.30 1.80 -9.49	31.47 1.71 -10.08	32.00 1.84 -8.78	37.84 1.69 -16.04	47.05 2.14 -13.40	59.51 2.51 -20.10	50.74 2.46 -13.64	40.64 1.97 -10.03	38.99 1.66 -15.25	36.93 1.28 -19.60	33.91 1.45 -14.37
AST_ENERGY_2_CC3 323677	35.97 2.48 0.00	30.99 1.95 0.00	30.42 1.91 0.00	30.18 1.92 0.00	30.76 2.07 0.00	35.45 2.66 0.00	45.42 2.97 -4.43	61.21 3.00 -20.26	50.63 2.99 -10.25	38.96 3.04 -1.70	35.44 2.80 -3.13	32.62 2.53 -2.60	31.80 1.67 -11.11	31.22 1.74 -9.47	31.40 1.65 -10.07	31.90 1.75 -8.76	37.74 1.61 -16.03	45.39 2.14 -11.74	59.61 2.62 -20.08	50.76 2.50 -13.62	40.65 2.00 -10.02	38.96 1.63 -15.24	36.83 1.19 -19.60	33.79 1.34 -14.36
AST_ENERGY_2_CC4 323678	35.97 2.48 0.00	30.99 1.95 0.00	30.42 1.91 0.00	30.18 1.92 0.00	30.76 2.07 0.00	35.45 2.66 0.00	45.42 2.97 -4.43	61.21 3.00 -20.26	50.63 2.99 -10.25	38.96 3.04 -1.70	35.44 2.80 -3.13	32.62 2.53 -2.60	31.80 1.67 -11.11	31.22 1.74 -9.47	31.40 1.65 -10.07	31.90 1.75 -8.76	37.74 1.61 -16.03	45.39 2.14 -11.74	59.61 2.62 -20.08	50.76 2.50 -13.62	40.65 2.00 -10.02	38.96 1.63 -15.24	36.83 1.19 -19.60	33.79 1.34 -14.36
ATHENS_STG_1 23668	34.87 1.37 0.00	30.17 1.13 0.00	29.65 1.14 0.00	29.42 1.16 0.00	29.93 1.23 0.00	34.34 1.54 0.00	50.04 1.79 -10.23	67.40 1.75 -27.70	54.91 1.72 -15.80	39.79 1.64 -3.92	34.44 1.47 -3.47	31.72 1.35 -2.88	32.12 0.86 -12.25	31.36 0.90 -10.45	31.66 0.89 -11.10	31.99 0.94 -9.66	38.63 0.86 -17.66	47.55 1.29 -14.75	60.51 1.48 -22.13	51.08 1.42 -15.02	40.85 1.17 -11.05	39.81 0.93 -16.79	38.28 0.66 -21.58	34.66 0.76 -15.81
ATHENS_STG_2 23670	34.87 1.37 0.00	30.17 1.13 0.00	29.65 1.14 0.00	29.42 1.16 0.00	29.93 1.23 0.00	34.34 1.54 0.00	50.04 1.79 -10.23	67.40 1.75 -27.70	54.91 1.72 -15.80	39.79 1.64 -3.92	34.44 1.47 -3.47	31.72 1.35 -2.88	32.12 0.86 -12.25	31.36 0.90 -10.45	31.66 0.89 -11.10	31.99 0.94 -9.66	38.63 0.86 -17.66	47.55 1.29 -14.75	60.51 1.48 -22.13	51.08 1.42 -15.02	40.85 1.17 -11.05	39.81 0.93 -16.79	38.28 0.66 -21.58	34.66 0.76 -15.81

ATHENS_STG_3 23677	34.87 1.37 0.00	30.17 1.13 0.00	29.65 1.14 0.00	29.42 1.16 0.00	29.93 1.23 0.00	34.34 1.54 0.00	50.04 1.79 -10.23	67.40 1.75 -27.70	54.91 1.72 -15.80	39.79 1.64 -3.92	34.44 1.47 -3.47	31.72 1.35 -2.88	32.12 0.86 -12.25	31.36 0.90 -10.45	31.66 0.89 -11.10	31.99 0.94 -9.66	38.63 0.86 -17.66	47.55 1.29 -14.75	60.51 1.48 -22.13	51.08 1.42 -15.02	40.85 1.17 -11.05	39.81 0.93 -16.79	38.28 0.66 -21.58	34.66 0.76 -15.81
AUBURN____LFG 323710	34.60 1.11 0.00	29.77 0.73 0.00	29.20 0.68 0.00	28.91 0.65 0.00	29.70 1.00 0.00	33.91 1.12 0.00	41.75 1.44 -2.28	45.57 1.44 -6.18	42.32 1.50 -3.43	36.27 1.20 -0.85	30.88 0.62 -0.75	28.75 0.63 -0.63	22.15 0.48 -2.66	22.82 0.54 -2.27	22.64 0.55 -2.41	24.09 0.60 -2.10	24.65 0.70 -3.84	35.93 1.13 -3.29	43.10 1.25 -4.94	39.28 1.28 -3.35	32.13 1.03 -2.47	26.58 0.75 -3.75	21.42 0.56 -4.82	22.05 0.43 -3.53
BABYLON_RES_REC 323704	37.89 3.65 -0.75	35.77 2.90 -3.82	32.93 2.88 -1.54	32.56 2.99 -1.31	35.68 3.13 -3.86	39.19 3.77 -2.62	51.58 4.26 -9.30	67.32 4.21 -25.16	56.05 4.30 -14.36	48.27 4.10 -9.94	42.64 3.69 -9.45	38.95 3.38 -8.08	35.65 2.24 -14.39	34.26 2.36 -11.89	34.65 2.28 -12.69	40.35 2.46 -16.50	43.24 2.35 -20.79	63.43 3.37 -28.55	82.13 4.02 -41.20	66.04 3.81 -27.59	51.48 3.12 -19.73	49.12 2.45 -24.58	44.55 1.75 -26.75	41.41 1.94 -21.38
BABYLON__69_KV_BK2 356345	38.42 4.19 -0.74	36.28 3.43 -3.82	33.47 3.42 -1.53	32.95 3.39 -1.30	36.16 3.62 -3.85	39.64 4.23 -2.61	52.18 4.87 -9.29	67.93 4.82 -25.16	56.64 4.90 -14.36	48.91 4.52 -10.17	43.26 4.31 -9.45	39.52 3.96 -8.07	36.02 2.62 -14.38	34.63 2.74 -11.88	35.04 2.68 -12.69	40.79 2.91 -16.50	43.62 2.73 -20.78	63.99 3.94 -28.54	83.32 4.47 -41.95	66.66 4.43 -27.58	51.97 3.61 -19.73	49.49 2.83 -24.58	44.83 2.04 -26.75	41.76 2.30 -21.38
BALL_HILL_WT_PWR 323825	34.27 0.77 0.00	29.85 0.81 0.00	29.14 0.63 0.00	28.68 0.42 0.00	29.50 0.80 0.00	33.55 0.75 0.00	40.84 0.23 -2.59	44.23 -0.72 -7.00	41.12 -0.19 -3.92	35.12 -0.07 -0.97	30.10 -0.27 -0.86	28.26 0.06 -0.71	22.01 -0.04 -3.04	22.70 0.10 -2.59	22.51 0.08 -2.75	23.63 -0.15 -2.40	24.30 -0.18 -4.38	34.67 -0.57 -3.73	41.28 -1.22 -5.59	37.68 -0.76 -3.80	30.94 -0.49 -2.79	25.93 -0.40 -4.24	21.45 -0.05 -5.45	22.01 -0.07 -4.00
BARON_WINDS____WT_PWR 323822	34.47 0.97 0.00	30.00 0.96 0.00	29.34 0.83 0.00	28.94 0.68 0.00	29.70 1.00 0.00	33.88 1.08 0.00	42.03 0.95 -3.06	46.65 0.42 -8.28	42.64 0.60 -4.66	35.89 0.51 -1.16	30.76 0.23 -1.02	28.70 0.36 -0.85	22.80 0.17 -3.61	23.35 0.26 -3.08	23.18 0.24 -3.27	24.45 0.21 -2.85	25.49 0.18 -5.20	36.07 0.16 -4.41	43.38 -0.15 -6.62	39.24 0.10 -4.49	32.08 0.14 -3.30	27.17 0.07 -5.02	22.66 0.16 -6.45	22.96 0.14 -4.73
BARRETT_IC_1 23704	37.15 2.91 -0.74	35.21 2.35 -3.82	32.39 2.34 -1.54	31.91 2.34 -1.31	35.04 2.50 -3.85	38.50 3.08 -2.62	50.63 3.31 -9.30	66.41 3.30 -25.16	55.11 3.37 -14.36	47.31 3.32 -9.78	41.93 2.98 -9.45	38.29 2.72 -8.07	35.25 1.84 -14.39	33.84 1.94 -11.88	34.24 1.87 -12.69	39.81 1.93 -16.50	42.66 1.77 -20.78	62.60 2.55 -28.54	80.50 2.91 -40.68	65.17 2.94 -27.58	50.74 2.37 -19.73	48.56 1.90 -24.58	44.22 1.43 -26.75	41.04 1.57 -21.38
BARRETT_IC_10 23701	37.15 2.91 -0.74	35.21 2.35 -3.82	32.39 2.34 -1.54	31.91 2.34 -1.31	35.04 2.50 -3.85	38.50 3.08 -2.62	50.63 3.31 -9.30	66.41 3.30 -25.16	55.11 3.37 -14.36	47.31 3.32 -9.78	41.93 2.98 -9.45	38.29 2.72 -8.07	35.25 1.84 -14.39	33.84 1.94 -11.88	34.24 1.87 -12.69	39.81 1.93 -16.50	42.66 1.77 -20.78	62.60 2.55 -28.54	80.50 2.91 -40.68	65.17 2.94 -27.58	50.74 2.37 -19.73	48.56 1.90 -24.58	44.22 1.43 -26.75	41.04 1.57 -21.38
BARRETT_IC_11 23702	37.15 2.91 -0.74	35.21 2.35 -3.82	32.39 2.34 -1.54	31.91 2.34 -1.31	35.04 2.50 -3.85	38.50 3.08 -2.62	50.63 3.31 -9.30	66.41 3.30 -25.16	55.11 3.37 -14.36	47.31 3.32 -9.78	41.93 2.98 -9.45	38.29 2.72 -8.07	35.25 1.84 -14.39	33.84 1.94 -11.88	34.24 1.87 -12.69	39.81 1.93 -16.50	42.66 1.77 -20.78	62.60 2.55 -28.54	80.50 2.91 -40.68	65.17 2.94 -27.58	50.74 2.37 -19.73	48.56 1.90 -24.58	44.22 1.43 -26.75	41.04 1.57 -21.38
BARRETT_IC_12 23703	37.15 2.91 -0.74	35.21 2.35 -3.82	32.39 2.34 -1.54	31.91 2.34 -1.31	35.04 2.50 -3.85	38.50 3.08 -2.62	50.63 3.31 -9.30	66.41 3.30 -25.16	55.11 3.37 -14.36	47.31 3.32 -9.78	41.93 2.98 -9.45	38.29 2.72 -8.07	35.25 1.84 -14.39	33.84 1.94 -11.88	34.24 1.87 -12.69	39.81 1.93 -16.50	42.66 1.77 -20.78	62.60 2.55 -28.54	80.50 2.91 -40.68	65.17 2.94 -27.58	50.74 2.37 -19.73	48.56 1.90 -24.58	44.22 1.43 -26.75	41.04 1.57 -21.38
BARRETT_IC_2 23705	37.15 2.91 -0.74	35.21 2.35 -3.82	32.39 2.34 -1.54	31.91 2.34 -1.31	35.04 2.50 -3.85	38.50 3.08 -2.62	50.63 3.31 -9.30	66.41 3.30 -25.16	55.11 3.37 -14.36	47.31 3.32 -9.78	41.93 2.98 -9.45	38.29 2.72 -8.07	35.25 1.84 -14.39	33.84 1.94 -11.88	34.24 1.87 -12.69	39.81 1.93 -16.50	42.66 1.77 -20.78	62.60 2.55 -28.54	80.50 2.91 -40.68	65.17 2.94 -27.58	50.74 2.37 -19.73	48.56 1.90 -24.58	44.22 1.43 -26.75	41.04 1.57 -21.38
BARRETT_IC_3 23706	37.15 2.91 -0.74	35.21 2.35 -3.82	32.39 2.34 -1.54	31.91 2.34 -1.31	35.04 2.50 -3.85	38.50 3.08 -2.62	50.63 3.31 -9.30	66.41 3.30 -25.16	55.11 3.37 -14.36	47.31 3.32 -9.78	41.93 2.98 -9.45	38.29 2.72 -8.07	35.25 1.84 -14.39	33.84 1.94 -11.88	34.24 1.87 -12.69	39.81 1.93 -16.50	42.66 1.77 -20.78	62.60 2.55 -28.54	80.50 2.91 -40.68	65.17 2.94 -27.58	50.74 2.37 -19.73	48.56 1.90 -24.58	44.22 1.43 -26.75	41.04 1.57 -21.38
BARRETT_IC_4 23707	37.15 2.91 -0.74	35.21 2.35 -3.82	32.39 2.34 -1.54	31.91 2.34 -1.31	35.04 2.50 -3.85	38.50 3.08 -2.62	50.63 3.31 -9.30	66.41 3.30 -25.16	55.11 3.37 -14.36	47.31 3.32 -9.78	41.93 2.98 -9.45	38.29 2.72 -8.07	35.25 1.84 -14.39	33.84 1.94 -11.88	34.24 1.87 -12.69	39.81 1.93 -16.50	42.66 1.77 -20.78	62.60 2.55 -28.54	80.50 2.91 -40.68	65.17 2.94 -27.58	50.74 2.37 -19.73	48.56 1.90 -24.58	44.22 1.43 -26.75	41.04 1.57 -21.38
BARRETT_IC_5 23708	37.15 2.91 -0.74	35.21 2.35 -3.82	32.39 2.34 -1.54	31.91 2.34 -1.31	35.04 2.50 -3.85	38.50 3.08 -2.62	50.63 3.31 -9.30	66.41 3.30 -25.16	55.11 3.37 -14.36	47.31 3.32 -9.78	41.93 2.98 -9.45	38.29 2.72 -8.07	35.25 1.84 -14.39	33.84 1.94 -11.88	34.24 1.87 -12.69	39.81 1.93 -16.50	42.66 1.77 -20.78	62.60 2.55 -28.54	80.50 2.91 -40.68	65.17 2.94 -27.58	50.74 2.37 -19.73	48.56 1.90 -24.58	44.22 1.43 -26.75	41.04 1.57 -21.38
BARRETT_IC_6 23709	37.15 2.91 -0.74	35.21 2.35 -3.82	32.39 2.34 -1.54	31.91 2.34 -1.31	35.04 2.50 -3.85	38.50 3.08 -2.62	50.63 3.31 -9.30	66.41 3.30 -25.16	55.11 3.37 -14.36	47.31 3.32 -9.78	41.93 2.98 -9.45	38.29 2.72 -8.07	35.25 1.84 -14.39	33.84 1.94 -11.88	34.24 1.87 -12.69	39.81 1.93 -16.50	42.66 1.77 -20.78	62.60 2.55 -28.54	80.50 2.91 -40.68	65.17 2.94 -27.58	50.74 2.37 -19.73	48.56 1.90 -24.58	44.22 1.43 -26.75	41.04 1.57 -21.38

BARRETT_IC_7 23710	37.15 2.91 -0.74	35.23 2.38 -3.81	32.38 2.34 -1.53	31.88 2.32 -1.30	35.04 2.50 -3.85	38.49 3.08 -2.61	50.58 3.27 -9.29	66.44 3.34 -25.15	55.10 3.36 -14.35	47.27 3.28 -9.77	41.92 2.98 -9.44	38.28 2.72 -8.07	35.24 1.84 -14.38	33.83 1.94 -11.88	34.23 1.87 -12.68	39.80 1.92 -16.49	42.65 1.77 -20.78	62.59 2.55 -28.54	80.61 3.03 -40.67	65.16 2.94 -27.58	50.70 2.35 -19.72	48.56 1.90 -24.57	44.22 1.43 -26.74	41.03 1.57 -21.37
BARRETT_IC_8 23711	37.15 2.91 -0.74	35.21 2.35 -3.82	32.39 2.34 -1.54	31.91 2.34 -1.31	35.04 2.50 -3.85	38.50 3.08 -2.62	50.63 3.31 -9.30	66.41 3.30 -25.16	55.11 3.37 -14.36	47.31 3.32 -9.78	41.93 2.98 -9.45	38.29 2.72 -8.07	35.25 1.84 -14.39	33.84 1.94 -11.88	34.24 1.87 -12.69	39.81 1.93 -16.50	42.66 1.77 -20.78	62.60 2.55 -28.54	80.50 2.91 -40.68	65.17 2.94 -27.58	50.74 2.37 -19.73	48.56 1.90 -24.58	44.22 1.43 -26.75	41.04 1.57 -21.38
BARRETT_IC_9 23700	37.15 2.91 -0.74	35.21 2.35 -3.82	32.39 2.34 -1.54	31.91 2.34 -1.31	35.04 2.50 -3.85	38.50 3.08 -2.62	50.63 3.31 -9.30	66.41 3.30 -25.16	55.11 3.37 -14.36	47.31 3.32 -9.78	41.93 2.98 -9.45	38.29 2.72 -8.07	35.25 1.84 -14.39	33.84 1.94 -11.88	34.24 1.87 -12.69	39.81 1.93 -16.50	42.66 1.77 -20.78	62.60 2.55 -28.54	80.50 2.91 -40.68	65.17 2.94 -27.58	50.74 2.37 -19.73	48.56 1.90 -24.58	44.22 1.43 -26.75	41.04 1.57 -21.38
BARRETT___1 23545	37.15 2.91 -0.74	35.21 2.35 -3.82	32.39 2.34 -1.54	31.91 2.34 -1.31	35.04 2.50 -3.85	38.50 3.08 -2.62	50.63 3.31 -9.30	66.41 3.30 -25.16	55.11 3.37 -14.36	47.31 3.32 -9.78	41.93 2.98 -9.45	38.29 2.72 -8.07	35.25 1.84 -14.39	33.84 1.94 -11.88	34.24 1.87 -12.69	39.81 1.93 -16.50	42.66 1.77 -20.78	62.60 2.55 -28.54	80.50 2.91 -40.68	65.17 2.94 -27.58	50.74 2.37 -19.73	48.56 1.90 -24.58	44.22 1.43 -26.75	41.04 1.57 -21.38
BARRETT___2 23546	37.15 2.91 -0.74	35.21 2.35 -3.82	32.39 2.34 -1.54	31.91 2.34 -1.31	35.04 2.50 -3.85	38.50 3.08 -2.62	50.63 3.31 -9.30	66.41 3.30 -25.16	55.11 3.37 -14.36	47.31 3.32 -9.78	41.93 2.98 -9.45	38.29 2.72 -8.07	35.25 1.84 -14.39	33.84 1.94 -11.88	34.24 1.87 -12.69	39.81 1.93 -16.50	42.66 1.77 -20.78	62.60 2.55 -28.54	80.50 2.91 -40.68	65.17 2.94 -27.58	50.74 2.37 -19.73	48.56 1.90 -24.58	44.22 1.43 -26.75	41.04 1.57 -21.38
BATAVIA___115KV_TB1 55881	34.00 0.50 0.00	29.53 0.49 0.00	28.94 0.43 0.00	28.60 0.34 0.00	29.27 0.57 0.00	33.29 0.49 0.00	40.84 0.46 -2.36	44.11 0.15 -6.39	41.11 0.15 -3.58	35.38 0.27 -0.89	30.20 -0.09 -0.78	28.31 0.16 -0.65	21.84 0.06 -2.77	22.58 0.20 -2.36	22.39 0.20 -2.51	23.64 0.06 -2.19	24.06 -0.04 -4.00	34.72 -0.19 -3.40	41.20 -0.81 -5.10	37.73 -0.38 -3.46	30.98 -0.20 -2.55	25.78 -0.18 -3.87	21.10 0.08 -4.98	21.86 0.13 -3.65
BAYONEEC___CTG1 323682	36.08 2.58 0.00	31.04 2.00 0.00	30.48 1.97 0.00	30.27 2.01 0.00	30.85 2.15 0.00	35.55 2.76 0.00	50.39 3.08 -9.29	66.22 3.11 -25.16	54.84 3.10 -14.35	40.90 3.11 -3.57	35.54 2.89 -3.15	32.72 2.61 -2.61	31.87 1.73 -11.13	31.30 1.80 -9.49	31.45 1.69 -10.08	31.98 1.82 -8.78	37.82 1.67 -16.04	47.14 2.24 -13.40	59.69 2.69 -20.10	50.84 2.56 -13.64	40.73 2.06 -10.03	39.04 1.70 -15.25	36.89 1.25 -19.60	33.82 1.37 -14.36
BAYONEEC___CTG10 323750	36.08 2.58 0.00	31.04 2.00 0.00	30.48 1.97 0.00	30.27 2.01 0.00	30.85 2.15 0.00	35.55 2.76 0.00	50.39 3.08 -9.29	66.22 3.11 -25.16	54.84 3.10 -14.35	40.90 3.11 -3.57	35.54 2.89 -3.15	32.72 2.61 -2.61	31.87 1.73 -11.13	31.30 1.80 -9.49	31.45 1.69 -10.08	31.98 1.82 -8.78	37.82 1.67 -16.04	47.14 2.24 -13.40	59.69 2.69 -20.10	50.84 2.56 -13.64	40.73 2.06 -10.03	39.04 1.70 -15.25	36.89 1.25 -19.60	33.82 1.37 -14.36
BAYONEEC___CTG2 323683	36.08 2.58 0.00	31.04 2.00 0.00	30.48 1.97 0.00	30.27 2.01 0.00	30.85 2.15 0.00	35.55 2.76 0.00	50.39 3.08 -9.29	66.22 3.11 -25.16	54.84 3.10 -14.35	40.90 3.11 -3.57	35.54 2.89 -3.15	32.72 2.61 -2.61	31.87 1.73 -11.13	31.30 1.80 -9.49	31.45 1.69 -10.08	31.98 1.82 -8.78	37.82 1.67 -16.04	47.14 2.24 -13.40	59.69 2.69 -20.10	50.84 2.56 -13.64	40.73 2.06 -10.03	39.04 1.70 -15.25	36.89 1.25 -19.60	33.82 1.37 -14.36
BAYONEEC___CTG3 323684	36.08 2.58 0.00	31.04 2.00 0.00	30.48 1.97 0.00	30.27 2.01 0.00	30.85 2.15 0.00	35.55 2.76 0.00	50.39 3.08 -9.29	66.22 3.11 -25.16	54.84 3.10 -14.35	40.90 3.11 -3.57	35.54 2.89 -3.15	32.72 2.61 -2.61	31.87 1.73 -11.13	31.30 1.80 -9.49	31.45 1.69 -10.08	31.98 1.82 -8.78	37.82 1.67 -16.04	47.14 2.24 -13.40	59.69 2.69 -20.10	50.84 2.56 -13.64	40.73 2.06 -10.03	39.04 1.70 -15.25	36.89 1.25 -19.60	33.82 1.37 -14.36
BAYONEEC___CTG4 323685	36.08 2.58 0.00	31.04 2.00 0.00	30.48 1.97 0.00	30.27 2.01 0.00	30.85 2.15 0.00	35.55 2.76 0.00	50.39 3.08 -9.29	66.22 3.11 -25.16	54.84 3.10 -14.35	40.90 3.11 -3.57	35.54 2.89 -3.15	32.72 2.61 -2.61	31.87 1.73 -11.13	31.30 1.80 -9.49	31.45 1.69 -10.08	31.98 1.82 -8.78	37.82 1.67 -16.04	47.14 2.24 -13.40	59.69 2.69 -20.10	50.84 2.56 -13.64	40.73 2.06 -10.03	39.04 1.70 -15.25	36.89 1.25 -19.60	33.82 1.37 -14.36
BAYONEEC___CTG5 323686	36.08 2.58 0.00	31.04 2.00 0.00	30.48 1.97 0.00	30.27 2.01 0.00	30.85 2.15 0.00	35.55 2.76 0.00	50.39 3.08 -9.29	66.22 3.11 -25.16	54.84 3.10 -14.35	40.90 3.11 -3.57	35.54 2.89 -3.15	32.72 2.61 -2.61	31.87 1.73 -11.13	31.30 1.80 -9.49	31.45 1.69 -10.08	31.98 1.82 -8.78	37.82 1.67 -16.04	47.14 2.24 -13.40	59.69 2.69 -20.10	50.84 2.56 -13.64	40.73 2.06 -10.03	39.04 1.70 -15.25	36.89 1.25 -19.60	33.82 1.37 -14.36
BAYONEEC___CTG6 323687	36.08 2.58 0.00	31.04 2.00 0.00	30.48 1.97 0.00	30.27 2.01 0.00	30.85 2.15 0.00	35.55 2.76 0.00	50.39 3.08 -9.29	66.22 3.11 -25.16	54.84 3.10 -14.35	40.90 3.11 -3.57	35.54 2.89 -3.15	32.72 2.61 -2.61	31.87 1.73 -11.13	31.30 1.80 -9.49	31.45 1.69 -10.08	31.98 1.82 -8.78	37.82 1.67 -16.04	47.14 2.24 -13.40	59.69 2.69 -20.10	50.84 2.56 -13.64	40.73 2.06 -10.03	39.04 1.70 -15.25	36.89 1.25 -19.60	33.82 1.37 -14.36
BAYONEEC___CTG7 323688	36.08 2.58 0.00	31.04 2.00 0.00	30.48 1.97 0.00	30.27 2.01 0.00	30.85 2.15 0.00	35.55 2.76 0.00	50.39 3.08 -9.29	66.22 3.11 -25.16	54.84 3.10 -14.35	40.90 3.11 -3.57	35.54 2.89 -3.15	32.72 2.61 -2.61	31.87 1.73 -11.13	31.30 1.80 -9.49	31.45 1.69 -10.08	31.98 1.82 -8.78	37.82 1.67 -16.04	47.14 2.24 -13.40	59.69 2.69 -20.10	50.84 2.56 -13.64	40.73 2.06 -10.03	39.04 1.70 -15.25	36.89 1.25 -19.60	33.82 1.37 -14.36
BAYONEEC___CTG8 323689	36.08 2.58 0.00	31.04 2.00 0.00	30.48 1.97 0.00	30.27 2.01 0.00	30.85 2.15 0.00	35.55 2.76 0.00	50.39 3.08 -9.29	66.22 3.11 -25.16	54.84 3.10 -14.35	40.90 3.11 -3.57	35.54 2.89 -3.15	32.72 2.61 -2.61	31.87 1.73 -11.13	31.30 1.80 -9.49	31.45 1.69 -10.08	31.98 1.82 -8.78	37.82 1.67 -16.04	47.14 2.24 -13.40	59.69 2.69 -20.10	50.84 2.56 -13.64	40.73 2.06 -10.03	39.04 1.70 -15.25	36.89 1.25 -19.60	33.82 1.37 -14.36

BAYONEEC___CTG9 323749	36.08 2.58 0.00	31.04 2.00 0.00	30.48 1.97 0.00	30.27 2.01 0.00	30.85 2.15 0.00	35.55 2.76 0.00	50.39 3.08 -9.29	66.22 3.11 -25.16	54.84 3.10 -14.35	40.90 3.11 -3.57	35.54 2.89 -3.15	32.72 2.61 -2.61	31.87 1.73 -11.13	31.30 1.80 -9.49	31.45 1.69 -10.08	31.98 1.82 -8.78	37.82 1.67 -16.04	47.14 2.24 -13.40	59.69 2.69 -20.10	50.84 2.56 -13.64	40.73 2.06 -10.03	39.04 1.70 -15.25	36.89 1.25 -19.60	33.82 1.37 -14.36
BEACON___LESR 323632	34.84 1.34 0.00	30.14 1.10 0.00	29.68 1.17 0.00	29.53 1.27 0.00	29.87 1.18 0.00	34.34 1.54 0.00	51.30 1.86 -11.41	70.66 1.82 -30.89	56.80 1.79 -17.62	40.07 1.47 -4.38	34.58 1.21 -3.87	31.86 1.15 -3.21	33.32 0.65 -13.66	32.36 0.70 -11.65	32.77 0.71 -12.38	32.96 0.79 -10.78	40.55 0.74 -19.70	49.31 1.35 -16.45	63.17 1.59 -24.68	52.85 1.45 -16.75	42.15 1.20 -12.32	41.67 0.86 -18.73	40.67 0.56 -24.06	36.37 0.65 -17.63
BEAVER RIVER___HYD 24048	33.46 -0.03 0.00	29.04 0.00 0.00	28.43 -0.09 0.00	28.23 -0.03 0.00	28.67 -0.03 0.00	32.64 -0.16 0.00	38.90 0.15 -0.73	40.11 0.19 -1.97	38.39 -0.11 -1.11	34.22 -0.27 -0.28	29.27 -0.47 -0.24	27.15 -0.55 -0.20	19.46 -0.42 -0.86	20.29 -0.46 -0.73	20.01 -0.45 -0.78	21.68 -0.38 -0.68	21.09 -0.26 -1.24	32.49 -0.06 -1.05	38.67 0.19 -1.58	35.61 -0.10 -1.07	29.47 0.06 -0.79	23.35 0.07 -1.20	17.60 0.02 -1.54	19.27 0.05 -1.13
BEEBEE_GT_13 23619	33.60 0.10 0.00	29.13 0.09 0.00	28.54 0.03 0.00	28.23 -0.03 0.00	28.84 0.14 0.00	32.86 0.07 0.00	40.52 0.30 -2.19	43.78 -0.11 -5.94	40.91 0.19 -3.34	35.32 0.27 -0.83	30.17 -0.06 -0.73	28.24 0.14 -0.61	21.72 0.11 -2.59	22.42 0.20 -2.21	22.24 0.22 -2.34	23.56 0.13 -2.04	23.91 0.08 -3.73	34.73 0.06 -3.16	41.28 -0.37 -4.75	37.79 -0.07 -3.22	30.97 -0.03 -2.37	25.67 -0.02 -3.60	20.80 0.13 -4.63	21.61 0.13 -3.39
BENSHRST_27_KV_BENSHRST_1 355998	36.54 3.05 0.00	31.45 2.41 0.00	30.85 2.34 0.00	30.58 2.32 0.00	31.16 2.47 0.00	35.95 3.15 0.00	50.43 3.12 -9.29	66.29 3.19 -25.16	54.84 3.10 -14.35	41.07 3.28 -3.57	35.84 3.19 -3.15	32.99 2.89 -2.61	32.04 1.90 -11.13	31.48 1.98 -9.49	31.65 1.89 -10.08	32.20 2.03 -8.78	38.04 1.89 -16.04	47.33 2.43 -13.40	59.92 2.92 -20.10	51.09 2.81 -13.64	40.84 2.18 -10.03	39.21 1.88 -15.25	37.10 1.46 -19.60	34.08 1.63 -14.36
BETHLEHEM___GRP 23843	34.17 0.67 0.00	29.53 0.49 0.00	29.05 0.54 0.00	28.94 0.68 0.00	29.33 0.63 0.00	33.68 0.89 0.00	50.47 1.03 -11.42	69.82 0.95 -30.92	56.00 0.97 -17.64	39.42 0.82 -4.38	34.02 0.65 -3.87	31.42 0.71 -3.21	33.01 0.32 -13.68	32.03 0.36 -11.66	32.45 0.37 -12.39	32.60 0.43 -10.79	40.23 0.40 -19.72	48.70 0.72 -16.47	62.42 0.81 -24.70	52.17 0.76 -16.77	41.59 0.63 -12.33	41.27 0.44 -18.75	40.41 0.27 -24.09	36.05 0.31 -17.65
BETHLEHEM___GS1 323560	34.17 0.67 0.00	29.53 0.49 0.00	29.11 0.60 0.00	29.02 0.76 0.00	29.32 0.63 0.00	33.68 0.89 0.00	50.47 1.03 -11.42	69.82 0.95 -30.92	56.00 0.97 -17.64	39.42 0.82 -4.38	34.02 0.65 -3.87	31.42 0.71 -3.21	33.01 0.32 -13.68	32.04 0.36 -11.66	32.44 0.37 -12.39	32.60 0.43 -10.79	40.23 0.40 -19.72	48.70 0.73 -16.47	62.42 0.81 -24.70	52.17 0.76 -16.77	41.59 0.63 -12.33	41.27 0.44 -18.75	40.41 0.27 -24.09	36.05 0.31 -17.65
BETHLEHEM___GS2 323561	34.17 0.67 0.00	29.53 0.49 0.00	29.11 0.60 0.00	29.02 0.76 0.00	29.32 0.63 0.00	33.68 0.89 0.00	50.47 1.03 -11.42	69.82 0.95 -30.92	56.00 0.97 -17.64	39.42 0.82 -4.38	34.02 0.65 -3.87	31.42 0.71 -3.21	33.01 0.32 -13.68	32.04 0.36 -11.66	32.44 0.37 -12.39	32.60 0.43 -10.79	40.23 0.40 -19.72	48.70 0.73 -16.47	62.42 0.81 -24.70	52.17 0.76 -16.77	41.59 0.63 -12.33	41.27 0.44 -18.75	40.41 0.27 -24.09	36.05 0.31 -17.65
BETHLEHEM___GS3 323562	34.17 0.67 0.00	29.53 0.49 0.00	29.11 0.60 0.00	29.02 0.76 0.00	29.32 0.63 0.00	33.68 0.89 0.00	50.47 1.03 -11.42	69.82 0.95 -30.92	56.00 0.97 -17.64	39.42 0.82 -4.38	34.02 0.65 -3.87	31.42 0.71 -3.21	33.01 0.32 -13.68	32.04 0.36 -11.66	32.44 0.37 -12.39	32.60 0.43 -10.79	40.23 0.40 -19.72	48.70 0.73 -16.47	62.42 0.81 -24.70	52.17 0.76 -16.77	41.59 0.63 -12.33	41.27 0.44 -18.75	40.41 0.27 -24.09	36.05 0.31 -17.65
BETHLEHEM___STEEL 23779	34.03 0.54 0.00	29.59 0.55 0.00	28.97 0.46 0.00	28.68 0.42 0.00	29.33 0.63 0.00	33.32 0.52 0.00	40.53 -0.04 -2.54	43.93 -0.91 -6.89	40.80 -0.45 -3.86	34.87 -0.31 -0.96	29.88 -0.47 -0.85	28.09 -0.11 -0.70	21.86 -0.15 -2.99	22.56 0.00 -2.55	22.37 -0.02 -2.71	23.49 -0.26 -2.36	24.14 -0.28 -4.32	34.42 -0.76 -3.67	40.93 -1.48 -5.50	37.37 -1.00 -3.74	30.72 -0.66 -2.75	25.75 -0.51 -4.18	21.30 -0.11 -5.37	21.90 -0.13 -3.93
BETHLHEM_115KV_TB1 79974	34.30 0.80 0.00	29.68 0.64 0.00	29.20 0.68 0.00	29.05 0.79 0.00	29.44 0.75 0.00	33.82 1.02 0.00	50.61 1.18 -11.41	69.94 1.10 -30.89	56.13 1.12 -17.62	39.55 0.96 -4.38	34.17 0.80 -3.87	31.50 0.80 -3.21	33.10 0.42 -13.66	32.10 0.44 -11.65	32.51 0.45 -12.38	32.68 0.51 -10.78	40.29 0.48 -19.70	48.78 0.82 -16.45	62.54 0.96 -24.68	52.26 0.87 -16.75	41.69 0.74 -12.32	41.34 0.53 -18.73	40.46 0.35 -24.06	36.10 0.38 -17.63
BETHPAGE_CC_5 323564	37.62 3.38 -0.75	35.53 2.67 -3.82	32.70 2.65 -1.54	32.31 2.74 -1.31	35.42 2.87 -3.86	38.80 3.38 -2.62	51.01 3.69 -9.30	66.79 3.68 -25.16	55.52 3.77 -14.36	47.83 3.73 -9.88	42.29 3.33 -9.45	38.65 3.08 -8.08	35.46 2.05 -14.39	34.04 2.14 -11.89	34.44 2.07 -12.69	40.12 2.22 -16.50	42.94 2.05 -20.79	62.98 2.93 -28.55	81.42 3.51 -41.00	65.56 3.33 -27.59	51.05 2.69 -19.73	48.83 2.17 -24.58	44.34 1.54 -26.75	41.19 1.72 -21.38
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	34.13 0.64 0.00	29.68 0.64 0.00	29.05 0.54 0.00	28.74 0.48 0.00	29.41 0.72 0.00	33.42 0.62 0.00	40.55 -0.04 -2.56	44.01 -0.87 -6.93	40.86 -0.41 -3.88	34.91 -0.27 -0.96	29.91 -0.44 -0.85	28.09 -0.11 -0.71	21.87 -0.15 -3.01	22.58 0.00 -2.57	22.36 -0.04 -2.73	23.50 -0.26 -2.37	24.14 -0.30 -4.34	34.41 -0.79 -3.69	40.97 -1.48 -5.54	37.40 -1.00 -3.76	30.74 -0.66 -2.77	25.76 -0.53 -4.20	21.32 -0.13 -5.40	21.90 -0.14 -3.96
BINGHAMTON___COGEN 23790	34.47 0.97 0.00	29.88 0.84 0.00	29.34 0.83 0.00	29.05 0.79 0.00	29.61 0.92 0.00	33.82 1.02 0.00	43.09 1.14 -3.93	49.61 1.02 -10.64	44.45 1.16 -5.90	36.68 0.99 -1.47	31.56 0.77 -1.30	29.34 0.77 -1.08	24.11 0.51 -4.58	24.49 0.58 -3.90	24.40 0.57 -4.15	25.60 0.60 -3.61	27.25 0.54 -6.60	37.90 0.72 -5.67	46.11 0.70 -8.50	41.24 0.83 -5.77	33.56 0.69 -4.24	29.04 0.51 -6.45	24.75 0.42 -8.29	24.62 0.45 -6.07
BIXINCNT_115KV_LOAD 355685	34.47 0.97 0.00	30.00 0.96 0.00	29.40 0.88 0.00	29.08 0.82 0.00	29.73 1.03 0.00	33.78 0.98 0.00	40.81 0.15 -2.64	44.67 -0.42 -7.14	41.33 -0.04 -3.98	35.00 -0.21 -0.99	30.02 -0.35 -0.87	28.08 -0.14 -0.72	21.78 -0.32 -3.08	22.46 -0.18 -2.63	22.23 -0.24 -2.79	23.35 -0.47 -2.43	24.15 -0.40 -4.45	34.42 -0.88 -3.80	41.17 -1.44 -5.70	37.47 -1.04 -3.87	30.70 -0.77 -2.85	25.75 -0.66 -4.33	21.28 -0.32 -5.56	21.75 -0.42 -4.07

BLACK RIVER___HYD 24047	33.63 0.13 0.00	29.19 0.15 0.00	28.57 0.06 0.00	28.40 0.14 0.00	28.84 0.14 0.00	32.90 0.10 0.00	39.56 0.49 -1.05	41.32 0.53 -2.84	39.17 0.19 -1.60	34.55 -0.07 -0.40	29.47 -0.38 -0.35	27.32 -0.47 -0.29	19.91 -0.34 -1.24	20.71 -0.36 -1.06	20.45 -0.35 -1.12	22.11 -0.26 -0.98	21.77 -0.12 -1.78	33.24 0.22 -1.51	39.69 0.52 -2.27	36.49 0.31 -1.54	30.08 0.32 -1.13	24.03 0.22 -1.72	18.37 0.11 -2.21	19.82 0.11 -1.62
BLACKRVR_115KV_TB2 79977	33.63 0.13 0.00	29.19 0.15 0.00	28.57 0.06 0.00	28.40 0.14 0.00	28.84 0.14 0.00	32.90 0.10 0.00	39.56 0.49 -1.05	41.32 0.53 -2.84	39.17 0.19 -1.60	34.55 -0.07 -0.40	29.47 -0.38 -0.35	27.32 -0.47 -0.29	19.91 -0.34 -1.24	20.71 -0.36 -1.06	20.44 -0.35 -1.12	22.11 -0.26 -0.98	21.77 -0.12 -1.78	33.24 0.22 -1.51	39.69 0.52 -2.27	36.49 0.31 -1.54	30.08 0.31 -1.13	24.03 0.22 -1.72	18.37 0.11 -2.21	19.82 0.11 -1.62
BLISS_WT_PWR 323608	34.50 1.00 0.00	30.08 1.04 0.00	29.40 0.88 0.00	28.94 0.68 0.00	29.76 1.06 0.00	33.85 1.05 0.00	40.85 0.19 -2.64	44.55 -0.53 -7.14	41.36 0.00 -3.98	34.97 -0.24 -0.99	29.96 -0.41 -0.87	28.00 -0.22 -0.72	21.72 -0.38 -3.08	22.38 -0.26 -2.63	22.16 -0.32 -2.79	23.29 -0.53 -2.43	24.13 -0.42 -4.45	34.39 -0.91 -3.80	41.13 -1.48 -5.70	37.40 -1.11 -3.87	30.65 -0.83 -2.85	25.68 -0.73 -4.33	21.24 -0.37 -5.56	21.68 -0.49 -4.07
BLUESTONE___WT_PWR 323821	36.18 2.68 0.00	31.45 2.41 0.00	30.76 2.25 0.00	30.49 2.23 0.00	31.19 2.50 0.00	35.65 2.85 0.00	45.71 3.65 -4.03	52.40 3.53 -10.92	47.24 4.26 -5.60	39.20 3.59 -1.39	33.30 2.57 -1.23	30.77 2.25 -1.02	24.82 1.46 -4.34	25.27 1.56 -3.70	25.18 1.57 -3.93	26.69 1.88 -3.42	28.23 1.87 -6.25	39.94 2.61 -5.82	48.73 3.10 -8.73	43.51 2.94 -5.92	35.33 2.35 -4.36	30.43 1.72 -6.62	25.71 1.16 -8.51	25.59 1.27 -6.24
BLUE_CIRC_CHEM_DRP 24182	34.90 1.41 0.00	30.20 1.16 0.00	29.71 1.20 0.00	29.53 1.27 0.00	29.99 1.29 0.00	34.41 1.61 0.00	51.09 1.86 -11.20	70.02 1.75 -30.33	56.44 1.76 -17.30	39.99 1.47 -4.30	34.51 1.21 -3.80	31.80 1.15 -3.15	33.11 0.68 -13.41	32.19 0.74 -11.44	32.58 0.75 -12.15	32.80 0.83 -10.58	40.23 0.78 -19.34	48.98 1.32 -16.15	62.65 1.51 -24.23	52.51 1.42 -16.44	41.93 1.20 -12.10	41.35 0.88 -18.39	40.28 0.61 -23.63	36.11 0.71 -17.31
BOC_GAS_DRP 24189	34.67 1.17 0.00	30.00 0.96 0.00	29.51 1.00 0.00	29.28 1.02 0.00	29.76 1.06 0.00	34.11 1.31 0.00	50.89 1.52 -11.34	70.14 1.48 -30.72	56.36 1.46 -17.52	39.91 1.33 -4.35	34.50 1.15 -3.85	31.78 1.10 -3.19	33.26 0.67 -13.58	32.31 0.72 -11.58	32.69 0.71 -12.31	32.87 0.77 -10.71	40.39 0.70 -19.58	48.96 1.10 -16.36	62.70 1.25 -24.54	52.47 1.18 -16.65	41.88 1.00 -12.25	41.48 0.77 -18.62	40.50 0.53 -23.93	36.24 0.62 -17.53
BOONVILLE_115KV_TB1 79983	34.17 0.67 0.00	29.71 0.67 0.00	29.14 0.63 0.00	28.94 0.68 0.00	29.30 0.60 0.00	33.49 0.69 0.00	39.67 1.06 -0.58	40.59 1.06 -1.58	39.21 0.93 -0.89	35.16 0.72 -0.22	30.20 0.50 -0.20	28.01 0.36 -0.16	19.93 0.23 -0.69	20.82 0.22 -0.59	20.52 0.22 -0.62	22.25 0.32 -0.54	21.42 0.32 -0.99	33.07 0.72 -0.84	39.17 1.00 -1.26	36.26 0.76 -0.86	29.95 0.69 -0.63	23.53 0.49 -0.96	17.60 0.32 -1.23	19.39 0.40 -0.90
BORALEX_4TH_BRANCH 23824	35.64 2.14 0.00	30.90 1.86 0.00	30.45 1.94 0.00	30.18 1.92 0.00	30.70 2.01 0.00	35.23 2.43 0.00	52.12 2.81 -11.28	71.20 2.69 -30.55	57.51 2.69 -17.43	41.01 2.46 -4.33	35.42 2.09 -3.83	32.62 1.95 -3.17	33.76 1.24 -13.51	32.86 1.32 -11.52	33.26 1.34 -12.25	33.48 1.43 -10.66	40.90 1.31 -19.48	49.89 2.11 -16.27	63.79 2.47 -24.41	53.46 2.25 -16.56	42.70 1.89 -12.19	42.02 1.41 -18.52	40.84 0.99 -23.80	36.62 1.09 -17.44
BOWLINE___1 23526	35.30 1.81 0.00	30.49 1.45 0.00	29.94 1.43 0.00	29.70 1.44 0.00	30.27 1.58 0.00	34.77 1.97 0.00	48.85 2.32 -8.51	63.41 2.43 -23.04	52.85 2.32 -13.14	39.71 2.22 -3.27	34.45 2.06 -2.89	31.78 1.90 -2.39	30.46 1.25 -10.19	30.02 1.32 -8.69	30.17 1.26 -9.24	30.73 1.30 -8.04	35.94 1.15 -14.69	45.41 1.64 -12.27	57.41 2.10 -18.40	49.17 2.04 -12.49	39.45 1.63 -9.19	37.33 1.28 -13.96	34.89 0.90 -17.94	32.25 1.01 -13.15
BOWLINE___2 23595	35.37 1.87 0.00	30.55 1.51 0.00	29.99 1.48 0.00	29.76 1.50 0.00	30.30 1.61 0.00	34.83 2.03 0.00	48.93 2.40 -8.51	63.49 2.50 -23.04	52.93 2.39 -13.15	39.78 2.29 -3.27	34.51 2.13 -2.89	31.81 1.92 -2.39	30.48 1.27 -10.19	30.04 1.34 -8.69	30.19 1.28 -9.24	30.75 1.33 -8.04	35.99 1.19 -14.69	45.47 1.70 -12.27	57.45 2.14 -18.40	49.21 2.08 -12.49	39.48 1.66 -9.19	37.38 1.33 -13.96	34.92 0.93 -17.94	32.29 1.05 -13.15
BRADY___115KV_TB2 356060	33.16 -0.33 0.00	28.92 -0.12 0.00	28.37 -0.14 0.00	28.09 -0.17 0.00	28.49 -0.20 0.00	32.37 -0.43 0.00	37.67 -0.53 -0.18	38.01 -0.42 -0.48	36.75 -0.64 0.00	33.60 -0.62 0.00	29.00 -0.50 0.00	26.86 -0.63 0.00	18.52 -0.49 0.00	19.45 -0.56 0.00	19.13 -0.55 0.00	20.83 -0.56 0.00	19.62 -0.48 0.00	31.13 -0.63 -0.26	36.81 -0.48 -0.38	34.28 -0.62 -0.26	28.31 -0.52 -0.19	22.00 -0.38 -0.29	16.13 -0.29 -0.37	18.13 -0.24 -0.27
BRANSCOMB___SOLAR 323811	35.37 1.87 0.00	30.58 1.54 0.00	30.17 1.65 0.00	30.01 1.75 0.00	30.44 1.75 0.00	35.03 2.23 0.00	52.50 2.70 -11.78	72.53 2.69 -31.89	58.23 2.65 -18.19	40.83 2.09 -4.52	35.15 1.65 -3.99	32.26 1.46 -3.31	34.03 0.91 -14.10	33.02 0.98 -12.03	33.36 0.91 -12.78	33.52 1.01 -11.12	41.43 0.98 -20.33	50.19 1.70 -16.98	64.44 2.07 -25.47	53.87 1.94 -17.29	42.92 1.57 -12.72	42.56 1.15 -19.33	41.62 0.74 -24.84	37.07 0.78 -18.20
BRENTWOD_69_KV_W. BRTWOOD 56703	38.22 3.99 -0.74	36.11 3.25 -3.82	33.29 3.25 -1.53	32.81 3.25 -1.30	36.01 3.47 -3.85	39.44 4.03 -2.61	51.96 4.64 -9.30	67.66 4.55 -25.16	56.38 4.64 -14.36	48.59 4.35 -10.02	43.11 4.16 -9.45	39.39 3.82 -8.08	35.92 2.53 -14.38	34.55 2.66 -11.88	34.95 2.58 -12.69	40.69 2.80 -16.50	43.53 2.63 -20.79	63.77 3.72 -28.55	82.54 4.17 -41.47	66.35 4.12 -27.59	51.74 3.38 -19.73	49.32 2.65 -24.58	44.73 1.93 -26.75	41.64 2.17 -21.38
BRISTLHL_115KV_TB1 79998	33.16 -0.33 0.00	28.84 -0.20 0.00	28.31 -0.20 0.00	28.06 -0.20 0.00	28.32 -0.37 0.00	32.31 -0.49 0.00	39.26 -0.42 -1.66	41.98 -0.46 -4.49	39.50 -0.41 -2.53	34.40 -0.44 -0.63	29.76 -0.30 -0.55	27.76 -0.19 -0.46	20.94 -0.04 -1.96	21.66 -0.02 -1.67	21.45 0.00 -1.78	22.93 0.00 -1.55	22.85 -0.08 -2.82	33.77 -0.13 -2.39	40.23 -0.26 -3.58	36.90 -0.17 -2.43	30.28 -0.14 -1.79	24.67 -0.13 -2.72	19.49 -0.05 -3.49	20.63 -0.02 -2.56
BROOKHAVEN___DRP 24191	39.19 4.96 -0.74	37.10 4.24 -3.82	34.41 4.36 -1.53	33.94 4.38 -1.30	37.11 4.56 -3.85	40.07 4.66 -2.61	53.14 5.82 -9.30	68.88 5.77 -25.16	57.61 5.87 -14.36	50.82 4.89 -11.71	44.41 5.46 -9.45	40.65 5.09 -8.07	36.74 3.35 -14.38	35.41 3.52 -11.88	35.89 3.52 -12.69	41.67 3.79 -16.50	44.33 3.44 -20.78	64.81 4.76 -28.54	88.39 4.69 -46.80	67.46 5.23 -27.58	52.65 4.29 -19.73	50.04 3.38 -24.58	45.33 2.54 -26.75	42.44 2.97 -21.38



BROOKLYN_NAVY_YARD 23515	36.14 2.65 0.00	31.10 2.06 0.00	30.54 2.02 0.00	30.30 2.04 0.00	30.90 2.21 0.00	35.62 2.82 0.00	50.47 3.15 -9.29	66.33 3.22 -25.16	54.92 3.18 -14.35	41.00 3.22 -3.57	35.60 2.95 -3.15	32.77 2.67 -2.61	31.91 1.77 -11.13	31.34 1.84 -9.49	31.49 1.73 -10.08	32.02 1.86 -8.78	37.86 1.71 -16.04	47.23 2.33 -13.40	59.80 2.80 -20.10	50.98 2.70 -13.64	40.81 2.15 -10.03	39.10 1.77 -15.25	36.93 1.28 -19.60	33.86 1.41 -14.36
BROOKLYN___ARMY_DRP 323595	36.41 2.91 0.00	31.33 2.29 0.00	30.77 2.25 0.00	30.46 2.20 0.00	31.08 2.38 0.00	35.82 3.02 0.00	50.28 2.97 -9.29	66.14 3.04 -25.16	54.66 2.92 -14.35	40.90 3.11 -3.57	35.69 3.04 -3.15	32.88 2.78 -2.61	31.97 1.83 -11.13	31.40 1.90 -9.49	31.55 1.79 -10.08	32.11 1.95 -8.78	37.96 1.81 -16.04	47.20 2.30 -13.40	59.73 2.73 -20.10	50.95 2.67 -13.64	40.72 2.06 -10.03	39.13 1.79 -15.25	37.04 1.40 -19.60	34.01 1.56 -14.36
BROOKVLE_69_KV_TB1 55790	37.55 3.32 -0.74	35.50 2.64 -3.81	32.64 2.59 -1.53	32.13 2.57 -1.30	35.38 2.84 -3.85	38.92 3.51 -2.61	51.27 3.95 -9.29	67.09 3.98 -25.15	55.78 4.04 -14.35	47.91 3.90 -9.79	42.43 3.48 -9.44	38.69 3.13 -8.07	35.49 2.09 -14.38	34.07 2.18 -11.88	34.47 2.11 -12.68	40.13 2.25 -16.49	43.01 2.13 -20.78	63.16 3.12 -28.54	81.37 3.73 -40.73	65.79 3.57 -27.58	51.22 2.86 -19.72	48.93 2.27 -24.57	44.41 1.62 -26.74	41.22 1.75 -21.37
BROOME_2_LFGE 323671	34.47 0.97 0.00	29.91 0.87 0.00	29.34 0.83 0.00	28.99 0.73 0.00	29.58 0.89 0.00	33.82 1.02 0.00	43.09 1.14 -3.93	49.57 0.99 -10.64	44.45 1.16 -5.90	36.68 0.99 -1.47	31.59 0.80 -1.30	29.34 0.77 -1.08	24.11 0.51 -4.58	24.50 0.58 -3.90	24.40 0.57 -4.15	25.60 0.60 -3.61	27.25 0.54 -6.60	37.90 0.73 -5.67	46.10 0.70 -8.50	41.24 0.83 -5.77	33.56 0.69 -4.24	29.04 0.51 -6.45	24.75 0.42 -8.29	24.62 0.45 -6.07
BROOME___LFGE 323600	34.47 0.97 0.00	29.91 0.87 0.00	29.34 0.83 0.00	28.99 0.73 0.00	29.58 0.89 0.00	33.82 1.02 0.00	43.09 1.14 -3.93	49.57 0.99 -10.64	44.45 1.16 -5.90	36.68 0.99 -1.47	31.59 0.80 -1.30	29.34 0.77 -1.08	24.11 0.51 -4.58	24.50 0.58 -3.90	24.40 0.57 -4.15	25.60 0.60 -3.61	27.25 0.54 -6.60	37.90 0.73 -5.67	46.10 0.70 -8.50	41.24 0.83 -5.77	33.56 0.69 -4.24	29.04 0.51 -6.45	24.75 0.42 -8.29	24.62 0.45 -6.07
BROWNFLS_115KV_TB_3_5 80003	33.06 -0.44 0.00	28.72 -0.32 0.00	28.14 -0.37 0.00	27.92 -0.34 0.00	28.29 -0.40 0.00	32.08 -0.72 0.00	37.89 -0.65 -0.51	38.76 -0.57 -1.38	37.30 -0.86 -0.78	33.49 -0.92 -0.19	28.76 -0.91 -0.17	26.65 -0.99 -0.14	18.88 -0.74 -0.60	19.73 -0.80 -0.51	19.44 -0.79 -0.55	21.09 -0.77 -0.48	20.31 -0.66 -0.87	31.45 -0.79 -0.74	37.38 -0.63 -1.10	34.53 -0.87 -0.75	28.58 -0.60 -0.55	22.50 -0.42 -0.84	16.83 -0.29 -1.08	18.64 -0.24 -0.79
BROWNSV1_27_KV_LOAD 356125	36.34 2.85 0.00	31.28 2.24 0.00	30.68 2.17 0.00	30.41 2.15 0.00	31.05 2.35 0.00	35.78 2.98 0.00	50.66 3.35 -9.29	66.56 3.45 -25.16	55.14 3.40 -14.35	41.21 3.42 -3.57	35.78 3.13 -3.15	32.94 2.83 -2.61	32.02 1.88 -11.13	31.46 1.96 -9.49	31.61 1.85 -10.08	32.15 1.99 -8.78	37.98 1.83 -16.04	47.42 2.52 -13.40	60.06 3.06 -20.10	51.19 2.91 -13.64	40.98 2.32 -10.03	39.23 1.90 -15.25	37.02 1.38 -19.60	33.97 1.52 -14.36
BURROWS___LYONSDAL 23803	34.00 0.50 0.00	29.59 0.55 0.00	29.00 0.48 0.00	28.80 0.54 0.00	29.18 0.49 0.00	33.32 0.52 0.00	39.51 0.87 -0.61	40.52 0.91 -1.66	39.03 0.71 -0.93	34.96 0.51 -0.23	30.00 0.30 -0.20	27.86 0.19 -0.17	19.83 0.10 -0.72	20.71 0.08 -0.62	20.41 0.08 -0.66	22.13 0.17 -0.57	21.35 0.20 -1.04	32.96 0.57 -0.88	39.08 0.85 -1.33	36.10 0.55 -0.90	29.84 0.54 -0.66	23.49 0.40 -1.01	17.60 0.26 -1.29	19.36 0.33 -0.95
CAITHNESS_CC_1 323624	39.17 4.93 -0.75	36.90 4.04 -3.82	34.33 4.28 -1.54	34.03 4.46 -1.31	37.06 4.51 -3.86	40.21 4.79 -2.62	53.11 5.78 -9.30	68.77 5.66 -25.17	57.55 5.80 -14.37	50.73 4.79 -11.72	44.33 5.37 -9.46	40.58 5.00 -8.08	36.69 3.29 -14.39	35.36 3.46 -11.89	35.84 3.46 -12.70	41.62 3.72 -16.51	44.30 3.40 -20.79	64.72 4.66 -28.55	88.27 4.58 -46.79	67.36 5.13 -27.59	52.60 4.24 -19.74	50.01 3.34 -24.59	45.31 2.50 -26.76	42.39 2.91 -21.39
CALPINE BETH_PAGE_GT4 24209	37.58 3.35 -0.74	35.56 2.70 -3.82	32.70 2.65 -1.53	32.19 2.63 -1.30	35.41 2.87 -3.85	38.89 3.48 -2.61	51.00 3.69 -9.29	66.82 3.72 -25.15	55.51 3.78 -14.35	47.72 3.70 -9.81	42.25 3.30 -9.44	38.59 3.02 -8.07	35.47 2.07 -14.38	34.05 2.16 -11.88	34.45 2.09 -12.69	40.13 2.25 -16.49	42.92 2.03 -20.78	62.97 2.93 -28.54	81.21 3.51 -40.79	65.55 3.33 -27.58	51.05 2.69 -19.72	48.80 2.14 -24.57	44.32 1.52 -26.74	41.22 1.75 -21.37
CALPINE_BETH_PAGE_GT_4 323586	37.59 3.35 -0.75	35.53 2.67 -3.82	32.70 2.65 -1.54	32.28 2.71 -1.31	35.42 2.87 -3.86	38.76 3.35 -2.62	51.01 3.69 -9.30	66.79 3.68 -25.16	55.52 3.77 -14.36	47.73 3.70 -9.82	42.26 3.30 -9.45	38.68 3.11 -8.08	35.48 2.07 -14.39	34.06 2.16 -11.89	34.45 2.08 -12.69	40.14 2.25 -16.50	42.92 2.03 -20.79	62.98 2.93 -28.55	81.21 3.51 -40.80	65.55 3.33 -27.59	51.05 2.69 -19.73	48.81 2.14 -24.58	44.32 1.53 -26.75	41.23 1.75 -21.38
CALPINE_BP_GT1 23823	37.59 3.35 -0.75	35.53 2.67 -3.82	32.70 2.65 -1.54	32.28 2.71 -1.31	35.42 2.87 -3.86	38.76 3.35 -2.62	51.01 3.69 -9.30	66.79 3.68 -25.16	55.52 3.77 -14.36	47.73 3.70 -9.82	42.26 3.30 -9.45	38.68 3.11 -8.08	35.48 2.07 -14.39	34.06 2.16 -11.89	34.45 2.08 -12.69	40.14 2.25 -16.50	42.92 2.03 -20.79	62.98 2.93 -28.55	81.21 3.51 -40.80	65.55 3.33 -27.59	51.05 2.69 -19.73	48.81 2.14 -24.58	44.32 1.53 -26.75	41.23 1.75 -21.38
CALSPAN___DRP 24200	34.03 0.54 0.00	29.59 0.55 0.00	28.97 0.46 0.00	28.68 0.42 0.00	29.33 0.63 0.00	33.32 0.52 0.00	40.53 -0.04 -2.54	43.93 -0.91 -6.89	40.80 -0.45 -3.86	34.87 -0.31 -0.96	29.88 -0.47 -0.85	28.09 -0.11 -0.70	21.86 -0.15 -2.99	22.56 0.00 -2.55	22.37 -0.02 -2.71	23.49 -0.26 -2.36	24.14 -0.28 -4.32	34.42 -0.76 -3.67	40.93 -1.48 -5.50	37.37 -1.00 -3.74	30.72 -0.66 -2.75	25.75 -0.51 -4.18	21.30 -0.11 -5.37	21.90 -0.13 -3.93
CALVERTON___SOLAR 323806	39.30 5.06 -0.75	37.05 4.18 -3.82	34.50 4.45 -1.54	34.21 4.63 -1.31	37.20 4.65 -3.86	40.31 4.89 -2.62	53.30 5.97 -9.30	69.00 5.88 -25.17	57.77 6.02 -14.37	50.97 5.03 -11.72	44.54 5.58 -9.46	40.77 5.20 -8.08	36.83 3.42 -14.39	35.50 3.60 -11.89	35.98 3.60 -12.70	41.79 3.89 -16.51	44.42 3.52 -20.79	64.94 4.88 -28.55	88.59 4.87 -46.81	67.64 5.40 -27.59	52.81 4.44 -19.74	50.16 3.49 -24.59	45.40 2.60 -26.76	42.52 3.04 -21.39
CANDIGU_WT_PWR 323617	34.47 0.97 0.00	30.00 0.96 0.00	29.34 0.83 0.00	28.94 0.68 0.00	29.70 1.00 0.00	33.88 1.08 0.00	42.03 0.95 -3.06	46.65 0.42 -8.28	42.64 0.60 -4.66	35.89 0.51 -1.16	30.76 0.23 -1.02	28.70 0.36 -0.85	22.80 0.17 -3.61	23.35 0.26 -3.08	23.18 0.24 -3.27	24.45 0.21 -2.85	25.49 0.18 -5.20	36.07 0.16 -4.41	43.38 -0.15 -6.62	39.24 0.10 -4.49	32.08 0.14 -3.30	27.17 0.07 -5.02	22.66 0.16 -6.45	22.96 0.14 -4.73

CARR STREET_E_SYR 24060	33.56 0.07 0.00	29.16 0.12 0.00	28.60 0.09 0.00	28.29 0.03 0.00	28.72 0.03 0.00	32.73 -0.07 0.00	39.86 -0.08 -1.91	42.96 -0.15 -5.17	40.22 -0.07 -2.91	34.80 -0.14 -0.72	30.11 -0.03 -0.64	28.13 0.11 -0.53	21.40 0.13 -2.25	22.11 0.18 -1.92	21.92 0.20 -2.04	23.38 0.21 -1.78	23.50 0.14 -3.25	34.48 0.22 -2.75	41.18 0.15 -4.13	37.65 0.21 -2.80	30.86 0.17 -2.06	25.33 0.11 -3.13	20.20 0.13 -4.02	21.17 0.13 -2.95
CARTHAGE___PAPER 23857	33.46 -0.03 0.00	29.01 -0.03 0.00	28.43 -0.09 0.00	28.23 -0.03 0.00	28.67 -0.03 0.00	32.70 -0.10 0.00	39.18 0.23 -0.92	40.72 0.27 -2.50	38.72 -0.07 -1.41	34.29 -0.27 -0.35	29.31 -0.50 -0.31	27.15 -0.60 -0.26	19.65 -0.46 -1.09	20.44 -0.50 -0.93	20.18 -0.49 -0.99	21.84 -0.41 -0.86	21.42 -0.26 -1.57	32.81 -0.03 -1.33	39.16 0.26 -2.00	36.00 0.00 -1.36	29.74 0.11 -1.00	23.69 0.09 -1.52	18.01 0.02 -1.95	19.54 0.02 -1.43
CASSADAGA_WT_PWR 323784	35.10 1.61 0.00	30.58 1.54 0.00	29.77 1.25 0.00	29.25 0.99 0.00	30.04 1.35 0.00	34.08 1.28 0.00	41.37 0.72 -2.63	44.92 -0.15 -7.12	41.73 0.37 -3.97	35.48 0.27 -0.99	30.37 0.00 -0.87	28.41 0.19 -0.72	22.07 -0.02 -3.08	22.78 0.14 -2.62	22.58 0.12 -2.79	23.69 -0.13 -2.43	24.44 -0.10 -4.43	34.92 -0.38 -3.79	41.60 -0.99 -5.69	37.84 -0.66 -3.86	31.01 -0.46 -2.84	25.94 -0.46 -4.32	21.43 -0.16 -5.55	21.87 -0.29 -4.07
CE_DUNWOOD___DRP 24194	35.87 2.38 0.00	30.93 1.89 0.00	30.37 1.85 0.00	30.10 1.84 0.00	30.70 2.01 0.00	35.36 2.56 0.00	50.23 2.93 -9.28	66.07 3.00 -25.12	54.67 2.95 -14.33	40.65 2.87 -3.56	35.27 2.63 -3.15	32.47 2.36 -2.61	31.69 1.56 -11.11	31.11 1.62 -9.47	31.30 1.55 -10.07	31.80 1.65 -8.76	37.65 1.53 -16.02	47.06 2.17 -13.38	59.59 2.62 -20.07	50.79 2.53 -13.62	40.65 2.00 -10.02	38.93 1.61 -15.23	36.77 1.16 -19.57	33.70 1.27 -14.34
CE_MILLWOOD___DRP 24193	35.81 2.31 0.00	30.87 1.83 0.00	30.34 1.82 0.00	30.07 1.81 0.00	30.67 1.98 0.00	35.29 2.49 0.00	50.10 2.85 -9.22	65.85 2.92 -24.98	54.52 2.88 -14.25	40.53 2.77 -3.54	35.14 2.51 -3.13	32.37 2.28 -2.60	31.57 1.50 -11.05	30.99 1.56 -9.42	31.18 1.50 -10.01	31.68 1.58 -8.71	37.50 1.47 -15.93	46.92 2.11 -13.30	59.41 2.55 -19.95	50.64 2.46 -13.54	40.54 1.95 -9.96	38.80 1.57 -15.14	36.63 1.12 -19.46	33.58 1.23 -14.26
CE_NYC2_DRP 24202	36.21 2.71 0.00	31.19 2.15 0.00	30.62 2.11 0.00	30.38 2.12 0.00	30.99 2.30 0.00	35.72 2.92 0.00	50.32 3.00 -9.29	66.14 3.04 -25.16	54.62 2.88 -14.35	40.86 3.08 -3.57	35.57 2.92 -3.15	32.77 2.67 -2.61	31.89 1.75 -11.13	31.34 1.84 -9.49	31.49 1.73 -10.08	32.02 1.86 -8.78	37.86 1.71 -16.04	47.08 2.17 -13.40	59.58 2.58 -20.10	50.81 2.53 -13.64	40.67 2.00 -10.03	39.04 1.70 -15.25	36.94 1.30 -19.60	33.92 1.47 -14.36
CE_NYC_DRP 24195	36.11 2.61 0.00	31.10 2.06 0.00	30.54 2.02 0.00	30.27 2.01 0.00	30.90 2.21 0.00	35.59 2.79 0.00	50.06 3.12 -8.91	65.91 3.19 -24.78	54.60 3.18 -14.04	40.82 3.18 -3.42	35.60 2.95 -3.15	32.77 2.67 -2.61	31.91 1.77 -11.13	31.34 1.84 -9.49	31.49 1.73 -10.08	32.02 1.86 -8.78	37.86 1.71 -16.04	47.10 2.30 -13.29	59.81 2.80 -20.10	50.95 2.67 -13.64	40.78 2.12 -10.03	39.08 1.74 -15.25	36.91 1.27 -19.60	33.86 1.41 -14.36
CHAFFEE___LFGE 323603	34.06 0.57 0.00	29.71 0.67 0.00	28.97 0.45 0.00	28.54 0.28 0.00	29.38 0.69 0.00	33.42 0.62 0.00	40.58 -0.04 -2.59	43.98 -0.99 -7.01	41.01 -0.30 -3.92	34.99 -0.20 -0.97	29.98 -0.38 -0.86	28.18 -0.03 -0.71	21.96 -0.09 -3.04	22.66 0.06 -2.59	22.47 0.04 -2.75	23.55 -0.23 -2.40	24.22 -0.26 -4.38	34.52 -0.72 -3.74	41.11 -1.40 -5.60	37.51 -0.93 -3.80	30.82 -0.60 -2.80	25.85 -0.49 -4.25	21.41 -0.10 -5.46	21.99 -0.11 -4.00
CHATEAUG_35_KV_LOAD 355732	33.30 -0.20 0.00	28.95 -0.09 0.00	28.37 -0.14 0.00	27.98 -0.28 0.00	28.44 -0.26 0.00	32.34 -0.46 0.00	36.96 -1.06 0.00	37.04 -0.91 0.00	36.45 -0.93 0.00	33.47 -0.75 0.00	28.91 -0.59 0.00	26.59 -0.91 0.00	18.18 -0.84 0.00	19.01 -1.00 0.00	18.73 -0.94 0.00	20.43 -0.96 0.00	19.34 -0.76 0.00	30.40 -1.10 0.00	36.17 -0.74 0.00	33.64 -1.00 0.00	27.80 -0.83 0.00	21.40 -0.68 0.00	15.48 -0.56 0.00	17.53 -0.56 0.00
CHATEAUG_WT_PWR 323614	33.33 -0.17 0.00	28.95 -0.09 0.00	28.37 -0.14 0.00	28.06 -0.20 0.00	28.44 -0.26 0.00	32.34 -0.46 0.00	36.88 -1.14 0.00	37.00 -0.95 0.00	36.38 -1.01 0.00	33.40 -0.82 0.00	28.85 -0.65 0.00	26.53 -0.96 0.00	18.12 -0.89 0.00	18.95 -1.06 0.00	18.67 -1.00 0.00	20.40 -0.98 0.00	19.30 -0.80 0.00	30.37 -1.13 0.00	36.13 -0.78 0.00	33.60 -1.04 0.00	27.77 -0.86 0.00	21.38 -0.71 0.00	15.47 -0.58 0.00	17.51 -0.58 0.00
CHAT_HIGH_FALL_HYD 323578	33.30 -0.20 0.00	28.92 -0.12 0.00	28.37 -0.14 0.00	28.03 -0.23 0.00	28.44 -0.26 0.00	32.34 -0.46 0.00	36.92 -1.10 0.00	37.08 -0.87 0.00	36.45 -0.93 0.00	33.47 -0.75 0.00	28.91 -0.59 0.00	26.59 -0.91 0.00	18.18 -0.84 0.00	19.01 -1.00 0.00	18.73 -0.94 0.00	20.43 -0.96 0.00	19.34 -0.76 0.00	30.40 -1.10 0.00	36.17 -0.74 0.00	33.64 -1.01 0.00	27.80 -0.83 0.00	21.40 -0.68 0.00	15.48 -0.56 0.00	17.53 -0.56 0.00
CHAUTAUQUA___LFGE 323629	34.67 1.17 0.00	30.20 1.16 0.00	29.42 0.91 0.00	28.97 0.71 0.00	29.78 1.09 0.00	33.85 1.05 0.00	41.16 0.53 -2.60	44.62 -0.38 -7.05	41.55 0.23 -3.94	35.44 0.24 -0.98	30.34 -0.03 -0.86	28.49 0.27 -0.72	22.14 0.08 -3.05	22.86 0.24 -2.60	22.66 0.22 -2.77	23.77 -0.02 -2.41	24.47 -0.04 -4.40	34.92 -0.35 -3.76	41.58 -0.96 -5.63	37.88 -0.59 -3.82	31.10 -0.34 -2.81	26.05 -0.31 -4.28	21.54 0.00 -5.49	22.08 -0.04 -4.03
CHERRYST_13_KV_LD 356241	36.21 2.71 0.00	31.19 2.15 0.00	30.59 2.08 0.00	30.35 2.09 0.00	30.96 2.27 0.00	35.69 2.89 0.00	50.17 3.23 -8.91	66.06 3.34 -24.78	54.71 3.29 -14.04	40.96 3.32 -3.42	35.69 3.04 -3.15	32.86 2.75 -2.61	31.97 1.83 -11.13	31.40 1.90 -9.49	31.57 1.81 -10.08	32.09 1.92 -8.78	37.92 1.77 -16.04	47.22 2.43 -13.29	59.92 2.92 -20.10	51.05 2.77 -13.64	40.87 2.20 -10.03	39.15 1.81 -15.25	36.96 1.32 -19.60	33.90 1.45 -14.36
CHESTROR_138KV_BK263 355645	35.44 1.94 0.00	30.58 1.54 0.00	30.02 1.51 0.00	29.76 1.50 0.00	30.36 1.66 0.00	34.83 2.03 0.00	48.65 2.36 -8.27	62.77 2.43 -22.39	52.48 2.32 -12.78	39.58 2.19 -3.17	34.28 1.98 -2.80	31.61 1.79 -2.33	30.10 1.18 -9.90	29.70 1.24 -8.45	29.85 1.20 -8.98	30.44 1.24 -7.81	35.53 1.15 -14.28	45.13 1.70 -11.92	56.89 2.10 -17.88	48.82 2.04 -12.14	39.19 1.63 -8.93	36.96 1.30 -13.57	34.40 0.91 -17.44	31.88 1.01 -12.78
CH_MIDHUDSON___DRP 24192	35.77 2.28 0.00	30.87 1.83 0.00	30.34 1.82 0.00	30.07 1.81 0.00	30.65 1.95 0.00	35.19 2.39 0.00	50.25 2.78 -9.45	66.34 2.81 -25.59	54.71 2.73 -14.60	40.45 2.60 -3.63	34.98 2.27 -3.20	32.19 2.03 -2.66	31.66 1.33 -11.32	31.06 1.40 -9.65	31.29 1.36 -10.26	31.77 1.45 -8.93	37.79 1.37 -16.32	47.15 2.02 -13.63	59.82 2.47 -20.44	50.83 2.32 -13.87	40.72 1.89 -10.20	39.08 1.48 -15.51	37.02 1.04 -19.93	33.83 1.14 -14.60

CH_MISC_IPPS 23765	36.01 2.51 0.00	31.04 2.00 0.00	30.51 2.00 0.00	30.27 2.01 0.00	30.79 2.09 0.00	35.32 2.53 0.00	50.20 3.00 -9.18	65.83 3.04 -24.85	54.48 2.92 -14.18	40.44 2.70 -3.52	34.92 2.30 -3.11	32.11 2.03 -2.58	31.36 1.35 -10.99	30.80 1.42 -9.37	31.01 1.38 -9.96	31.51 1.46 -8.67	37.34 1.39 -15.84	46.88 2.14 -13.23	59.41 2.66 -19.85	50.61 2.50 -13.47	40.57 2.03 -9.91	38.72 1.57 -15.06	36.49 1.09 -19.35	33.45 1.18 -14.18
CH_RES_BVR_FALLS 23983	33.16 -0.33 0.00	28.69 -0.35 0.00	28.14 -0.37 0.00	27.89 -0.37 0.00	28.29 -0.40 0.00	32.31 -0.49 0.00	37.38 -0.65 0.00	37.27 -0.68 0.00	36.60 -0.79 0.00	33.47 -0.75 0.00	28.77 -0.74 0.00	26.67 -0.82 0.00	18.35 -0.67 0.00	19.19 -0.82 0.00	18.87 -0.81 0.00	20.57 -0.81 0.00	19.48 -0.62 0.00	30.62 -0.88 0.00	35.91 -0.99 0.00	33.50 -1.14 0.00	27.66 -0.97 0.00	21.29 -0.79 0.00	15.44 -0.61 0.00	17.38 -0.71 0.00
CH_RES_NIAGARA 23895	32.66 -0.84 0.00	28.49 -0.55 0.00	27.94 -0.57 0.00	27.50 -0.76 0.00	28.15 -0.55 0.00	32.01 -0.79 0.00	39.17 -1.29 -2.44	41.90 -2.66 -6.61	39.17 -1.91 -3.69	33.70 -1.44 -0.92	28.81 -1.50 -0.81	27.15 -1.02 -0.67	21.17 -0.70 -2.86	21.83 -0.62 -2.44	21.66 -0.61 -2.59	22.77 -0.88 -2.26	23.35 -0.88 -4.12	33.20 -1.83 -3.52	39.34 -2.84 -5.28	35.97 -2.25 -3.58	29.69 -1.57 -2.64	24.86 -1.24 -4.01	20.62 -0.58 -5.15	21.28 -0.58 -3.77
CH_RES_SYRACUSE 23985	33.90 0.40 0.00	29.48 0.44 0.00	28.88 0.37 0.00	28.57 0.31 0.00	29.04 0.35 0.00	33.16 0.36 0.00	40.59 0.53 -2.04	43.92 0.46 -5.52	41.01 0.52 -3.10	35.40 0.41 -0.77	30.51 0.33 -0.68	28.41 0.36 -0.56	21.72 0.30 -2.40	22.42 0.36 -2.05	22.22 0.37 -2.17	23.69 0.41 -1.89	23.89 0.32 -3.46	34.95 0.50 -2.94	41.83 0.52 -4.41	38.19 0.55 -2.99	31.26 0.43 -2.20	25.76 0.33 -3.34	20.62 0.27 -4.30	21.53 0.29 -3.15
CLINTON_WT_PWR 323605	33.33 -0.17 0.00	28.95 -0.09 0.00	28.37 -0.14 0.00	28.06 -0.20 0.00	28.44 -0.26 0.00	32.34 -0.46 0.00	36.88 -1.14 0.00	37.00 -0.95 0.00	36.38 -1.01 0.00	33.40 -0.82 0.00	28.85 -0.65 0.00	26.53 -0.96 0.00	18.12 -0.89 0.00	18.95 -1.06 0.00	18.67 -1.00 0.00	20.40 -0.98 0.00	19.30 -0.80 0.00	30.37 -1.13 0.00	36.13 -0.78 0.00	33.60 -1.04 0.00	27.77 -0.86 0.00	21.38 -0.71 0.00	15.47 -0.58 0.00	17.51 -0.58 0.00
CLINTON__LFGE 323618	33.70 0.20 0.00	29.30 0.26 0.00	28.71 0.20 0.00	28.37 0.11 0.00	28.78 0.09 0.00	32.73 -0.07 0.00	37.26 -0.76 0.00	37.42 -0.53 0.00	36.75 -0.64 0.00	33.74 -0.48 0.00	29.18 -0.32 0.00	26.81 -0.69 0.00	18.31 -0.70 0.00	19.15 -0.86 0.00	18.87 -0.81 0.00	20.57 -0.81 0.00	19.48 -0.62 0.00	30.66 -0.85 0.00	36.65 -0.26 0.00	34.05 -0.59 0.00	28.17 -0.46 0.00	21.67 -0.42 0.00	15.66 -0.39 0.00	17.73 -0.36 0.00
COBBLENY_34_KV_TB1 80064	34.07 0.57 0.00	29.62 0.58 0.00	29.00 0.48 0.00	28.71 0.45 0.00	29.35 0.66 0.00	33.39 0.59 0.00	40.58 -0.04 -2.59	44.13 -0.83 -7.01	41.04 -0.26 -3.92	35.02 -0.17 -0.97	29.98 -0.38 -0.86	28.18 -0.03 -0.71	21.96 -0.10 -3.04	22.66 0.06 -2.59	22.47 0.04 -2.75	23.55 -0.24 -2.40	24.22 -0.26 -4.38	34.52 -0.72 -3.74	41.11 -1.40 -5.60	37.51 -0.94 -3.80	30.83 -0.60 -2.80	25.85 -0.49 -4.25	21.41 -0.10 -5.46	21.98 -0.11 -4.00
COFFEEN__115KV_TB3 355620	33.83 0.33 0.00	29.36 0.32 0.00	28.74 0.23 0.00	28.57 0.31 0.00	29.01 0.32 0.00	33.09 0.30 0.00	39.89 0.80 -1.07	41.64 0.80 -2.90	39.43 0.41 -1.63	34.73 0.10 -0.40	29.62 -0.24 -0.36	27.43 -0.36 -0.30	20.01 -0.27 -1.26	20.79 -0.30 -1.08	20.53 -0.30 -1.15	22.21 -0.17 -1.00	21.91 -0.02 -1.82	33.46 0.41 -1.54	39.99 0.78 -2.31	36.80 0.59 -1.57	30.30 0.52 -1.15	24.19 0.35 -1.75	18.49 0.19 -2.26	19.96 0.22 -1.65
COLDSPRG_115KV_BK1 355956	35.30 1.81 0.00	30.70 1.66 0.00	30.02 1.51 0.00	29.67 1.41 0.00	30.36 1.66 0.00	34.47 1.67 0.00	41.76 1.06 -2.67	45.75 0.57 -7.23	42.37 0.97 -4.01	36.00 0.79 -1.00	30.91 0.53 -0.88	28.91 0.69 -0.73	22.45 0.32 -3.11	23.17 0.50 -2.65	22.95 0.45 -2.82	23.99 0.15 -2.45	24.69 0.10 -4.49	35.29 -0.06 -3.85	42.17 -0.52 -5.78	38.39 -0.17 -3.92	31.49 -0.03 -2.88	26.36 -0.11 -4.38	21.78 0.10 -5.63	22.27 0.05 -4.13
COLONIE_LFGE__ 323577	35.10 1.61 0.00	30.38 1.34 0.00	29.91 1.40 0.00	29.73 1.47 0.00	30.16 1.46 0.00	34.63 1.84 0.00	51.81 2.17 -11.62	71.55 2.12 -31.47	57.44 2.09 -17.96	40.49 1.81 -4.46	34.95 1.50 -3.94	32.14 1.37 -3.27	33.79 0.86 -13.92	32.80 0.92 -11.87	33.20 0.91 -12.62	33.35 0.98 -10.98	41.08 0.91 -20.07	49.78 1.51 -16.76	63.82 1.77 -25.14	53.37 1.66 -17.06	42.56 1.37 -12.55	42.18 1.02 -19.08	41.25 0.69 -24.52	36.80 0.74 -17.97
COOPERNY_115KV_TB1 80082	35.04 1.54 0.00	30.29 1.25 0.00	29.74 1.23 0.00	29.48 1.22 0.00	30.04 1.35 0.00	34.44 1.64 0.00	46.52 1.94 -6.56	57.68 1.97 -17.76	49.40 1.87 -10.14	38.52 1.78 -2.52	33.32 1.59 -2.23	30.80 1.46 -1.85	27.85 0.97 -7.86	27.74 1.02 -6.71	27.79 0.98 -7.13	28.62 1.03 -6.20	32.39 0.94 -11.34	42.35 1.39 -9.46	52.79 1.70 -14.19	45.93 1.66 -9.63	37.06 1.35 -7.08	33.91 1.06 -10.77	30.64 0.75 -13.84	29.06 0.83 -10.14
COPENHAGEN_WT_PWR 323753	33.60 0.10 0.00	29.13 0.09 0.00	28.54 0.03 0.00	28.35 0.09 0.00	28.78 0.09 0.00	32.83 0.03 0.00	39.55 0.42 -1.11	41.37 0.42 -3.00	39.19 0.11 -1.69	34.54 -0.10 -0.42	29.49 -0.38 -0.37	27.33 -0.47 -0.31	20.00 -0.32 -1.31	20.79 -0.34 -1.12	20.53 -0.33 -1.19	22.16 -0.26 -1.03	21.87 -0.12 -1.89	33.26 0.16 -1.60	39.75 0.44 -2.40	36.51 0.24 -1.63	30.08 0.26 -1.20	24.08 0.18 -1.82	18.48 0.10 -2.34	19.89 0.09 -1.71
CORNELL____ 23752	34.87 1.37 0.00	30.29 1.25 0.00	29.71 1.20 0.00	29.45 1.19 0.00	29.96 1.26 0.00	34.24 1.44 0.00	42.92 1.83 -3.08	48.06 1.78 -8.33	43.81 1.76 -4.67	36.82 1.44 -1.16	31.59 1.06 -1.02	29.33 0.99 -0.85	23.30 0.67 -3.62	23.86 0.76 -3.09	23.72 0.77 -3.28	25.14 0.90 -2.85	26.17 0.84 -5.22	37.30 1.35 -4.44	45.07 1.51 -6.65	40.68 1.52 -4.52	33.18 1.23 -3.32	28.04 0.91 -5.05	23.19 0.66 -6.49	23.57 0.72 -4.75
CORONAAV_69_KV_TB1 355595	37.31 3.08 -0.74	35.35 2.50 -3.81	32.49 2.45 -1.53	31.99 2.43 -1.30	35.18 2.64 -3.85	38.69 3.28 -2.61	50.92 3.61 -9.29	66.74 3.64 -25.15	55.40 3.66 -14.35	47.58 3.59 -9.77	42.19 3.25 -9.44	38.50 2.94 -8.07	35.35 1.96 -14.38	33.93 2.04 -11.88	34.33 1.97 -12.68	39.98 2.10 -16.49	42.83 1.95 -20.78	62.88 2.84 -28.54	80.99 3.40 -40.69	65.47 3.26 -27.58	50.99 2.63 -19.72	48.78 2.12 -24.57	44.31 1.52 -26.74	41.13 1.66 -21.37
CORTLAND_115KV_TB3 80093	34.47 0.97 0.00	29.94 0.90 0.00	29.37 0.86 0.00	29.11 0.85 0.00	29.58 0.89 0.00	33.82 1.02 0.00	41.94 1.29 -2.63	46.35 1.29 -7.11	42.65 1.27 -3.99	36.24 1.03 -0.99	31.17 0.80 -0.88	28.96 0.74 -0.73	22.64 0.53 -3.10	23.23 0.58 -2.64	23.07 0.59 -2.81	24.49 0.66 -2.44	25.17 0.60 -4.46	36.27 0.98 -3.79	43.66 1.07 -5.68	39.61 1.11 -3.85	32.35 0.89 -2.84	27.06 0.66 -4.31	22.07 0.48 -5.54	22.67 0.52 -4.06

COXSACKIE___GT 23611	36.01 2.51 0.00	31.07 2.03 0.00	30.57 2.05 0.00	30.52 2.26 0.00	30.82 2.12 0.00	35.29 2.49 0.00	51.52 2.74 -10.76	69.78 2.69 -29.13	56.43 2.43 -16.62	40.09 1.74 -4.13	34.12 0.97 -3.65	31.37 0.85 -3.03	32.34 0.44 -12.88	31.48 0.48 -10.99	31.90 0.55 -11.68	32.19 0.64 -10.16	39.53 0.84 -18.58	48.85 1.83 -15.51	62.50 2.33 -23.27	52.51 2.08 -15.79	41.97 1.72 -11.62	40.92 1.17 -17.66	39.44 0.71 -22.69	35.44 0.72 -16.63
CPV_VALLEY___CC1 323721	35.24 1.74 0.00	30.46 1.42 0.00	29.91 1.40 0.00	29.67 1.41 0.00	30.21 1.52 0.00	34.67 1.87 0.00	47.91 2.20 -7.68	60.98 2.24 -20.79	51.42 2.17 -11.87	39.22 2.05 -2.95	33.97 1.86 -2.60	31.36 1.71 -2.16	29.34 1.12 -9.20	29.04 1.18 -7.84	29.15 1.14 -8.34	29.82 1.18 -7.26	34.46 1.08 -13.26	44.15 1.57 -11.07	55.47 1.95 -16.61	47.78 1.87 -11.27	38.44 1.52 -8.29	35.90 1.21 -12.60	33.09 0.85 -16.19	30.90 0.94 -11.87
CPV_VALLEY___CC2 323722	35.24 1.74 0.00	30.46 1.42 0.00	29.91 1.40 0.00	29.67 1.41 0.00	30.21 1.52 0.00	34.67 1.87 0.00	47.91 2.20 -7.68	60.98 2.24 -20.79	51.42 2.17 -11.87	39.22 2.05 -2.95	33.97 1.86 -2.60	31.36 1.71 -2.16	29.34 1.12 -9.20	29.04 1.18 -7.84	29.15 1.14 -8.34	29.82 1.18 -7.26	34.46 1.08 -13.26	44.15 1.57 -11.07	55.47 1.95 -16.61	47.78 1.87 -11.27	38.44 1.52 -8.29	35.90 1.21 -12.60	33.09 0.85 -16.19	30.90 0.94 -11.87
CRESCENT___HYD 24018	35.10 1.61 0.00	30.38 1.34 0.00	29.91 1.40 0.00	29.73 1.47 0.00	30.16 1.46 0.00	34.63 1.84 0.00	51.81 2.17 -11.62	71.55 2.12 -31.47	57.44 2.09 -17.96	40.49 1.81 -4.46	34.95 1.50 -3.94	32.14 1.37 -3.27	33.79 0.86 -13.92	32.80 0.92 -11.87	33.20 0.91 -12.62	33.35 0.98 -10.98	41.08 0.91 -20.07	49.78 1.51 -16.76	63.82 1.77 -25.14	53.37 1.66 -17.06	42.56 1.37 -12.55	42.18 1.02 -19.08	41.25 0.69 -24.52	36.80 0.74 -17.97
CRICKET___VALLEY_CC1 323756	35.57 2.08 0.00	30.69 1.65 0.00	30.19 1.68 0.00	30.01 1.75 0.00	30.56 1.86 0.00	35.06 2.26 0.00	50.39 2.62 -9.74	66.91 2.58 -26.38	54.98 2.54 -15.05	40.39 2.43 -3.74	34.93 2.13 -3.30	32.16 1.92 -2.74	31.94 1.25 -11.66	31.28 1.32 -9.95	31.55 1.30 -10.57	31.96 1.37 -9.20	38.21 1.29 -16.82	47.47 1.92 -14.05	60.26 2.29 -21.07	51.13 2.18 -14.30	40.92 1.78 -10.52	39.47 1.39 -15.99	37.59 1.00 -20.55	34.19 1.05 -15.06
CRICKET___VALLEY_CC2 323757	35.57 2.08 0.00	30.69 1.65 0.00	30.19 1.68 0.00	30.01 1.75 0.00	30.56 1.86 0.00	35.06 2.26 0.00	50.39 2.62 -9.74	66.91 2.58 -26.38	54.98 2.54 -15.05	40.39 2.43 -3.74	34.93 2.13 -3.30	32.16 1.92 -2.74	31.94 1.25 -11.66	31.28 1.32 -9.95	31.55 1.30 -10.57	31.96 1.37 -9.20	38.21 1.29 -16.82	47.47 1.92 -14.05	60.26 2.29 -21.07	51.13 2.18 -14.30	40.92 1.78 -10.52	39.47 1.39 -15.99	37.59 1.00 -20.55	34.19 1.05 -15.06
CRICKET___VALLEY_CC3 323758	35.57 2.08 0.00	30.69 1.65 0.00	30.19 1.68 0.00	30.01 1.75 0.00	30.56 1.86 0.00	35.06 2.26 0.00	50.39 2.62 -9.74	66.91 2.58 -26.38	54.98 2.54 -15.05	40.39 2.43 -3.74	34.93 2.13 -3.30	32.16 1.92 -2.74	31.94 1.25 -11.66	31.28 1.32 -9.95	31.55 1.30 -10.57	31.96 1.37 -9.20	38.21 1.29 -16.82	47.47 1.92 -14.05	60.26 2.29 -21.07	51.13 2.18 -14.30	40.92 1.78 -10.52	39.47 1.39 -15.99	37.59 1.00 -20.55	34.19 1.05 -15.06
CRUCIBLE_METL_DRP 24180	33.90 0.40 0.00	29.45 0.41 0.00	28.88 0.37 0.00	28.63 0.37 0.00	29.04 0.34 0.00	33.16 0.36 0.00	40.59 0.53 -2.04	43.96 0.49 -5.52	41.01 0.52 -3.10	35.40 0.41 -0.77	30.51 0.32 -0.68	28.41 0.36 -0.56	21.72 0.30 -2.40	22.42 0.36 -2.05	22.23 0.37 -2.17	23.69 0.41 -1.89	23.89 0.32 -3.46	34.98 0.54 -2.94	41.83 0.52 -4.41	38.19 0.55 -2.99	31.26 0.43 -2.20	25.76 0.33 -3.34	20.62 0.27 -4.30	21.53 0.29 -3.15
DAHOWA___HYDRO 323763	35.40 1.91 0.00	30.61 1.57 0.00	30.22 1.71 0.00	30.07 1.81 0.00	30.50 1.81 0.00	35.13 2.33 0.00	52.68 2.85 -11.80	72.75 2.85 -31.95	58.42 2.81 -18.23	40.94 2.19 -4.53	35.21 1.71 -4.00	32.30 1.48 -3.32	34.08 0.93 -14.13	33.06 1.00 -12.05	33.41 0.93 -12.81	33.56 1.03 -11.15	41.47 0.98 -20.38	50.25 1.73 -17.01	64.57 2.14 -25.52	53.94 1.97 -17.32	42.97 1.60 -12.74	42.60 1.15 -19.37	41.67 0.74 -24.89	37.09 0.76 -18.24
DANC___LFGE 323619	33.43 -0.07 0.00	28.98 -0.06 0.00	28.40 -0.11 0.00	28.18 -0.08 0.00	28.61 -0.09 0.00	32.64 -0.16 0.00	39.46 0.11 -1.32	41.64 0.11 -3.57	39.29 -0.11 -2.01	34.44 -0.27 -0.50	29.53 -0.41 -0.44	27.45 -0.41 -0.37	20.31 -0.27 -1.56	21.08 -0.26 -1.33	20.82 -0.28 -1.41	22.40 -0.21 -1.23	22.22 0.00 -2.25	33.41 0.15 -1.90	39.91 0.07 -2.86	36.65 0.07 -1.94	30.11 0.06 -1.43	24.30 0.04 -2.17	18.86 0.03 -2.78	20.15 0.02 -2.04
DANSKAMMER___1 23586	36.01 2.51 0.00	31.04 2.00 0.00	30.51 2.00 0.00	30.27 2.01 0.00	30.79 2.09 0.00	35.32 2.53 0.00	50.20 3.00 -9.18	65.83 3.04 -24.85	54.48 2.92 -14.18	40.44 2.70 -3.52	34.92 2.30 -3.11	32.11 2.03 -2.58	31.36 1.35 -10.99	30.80 1.42 -9.37	31.01 1.38 -9.96	31.51 1.46 -8.67	37.34 1.39 -15.84	46.88 2.14 -13.23	59.41 2.66 -19.85	50.61 2.50 -13.47	40.57 2.03 -9.91	38.72 1.57 -15.06	36.49 1.09 -19.35	33.45 1.18 -14.18
DANSKAMMER___2 23589	36.01 2.51 0.00	31.04 2.00 0.00	30.51 2.00 0.00	30.27 2.01 0.00	30.79 2.09 0.00	35.32 2.53 0.00	50.20 3.00 -9.18	65.83 3.04 -24.85	54.48 2.92 -14.18	40.44 2.70 -3.52	34.92 2.30 -3.11	32.11 2.03 -2.58	31.36 1.35 -10.99	30.80 1.42 -9.37	31.01 1.38 -9.96	31.51 1.46 -8.67	37.34 1.39 -15.84	46.88 2.14 -13.23	59.41 2.66 -19.85	50.61 2.50 -13.47	40.57 2.03 -9.91	38.72 1.57 -15.06	36.49 1.09 -19.35	33.45 1.18 -14.18
DANSKAMMER___3 23590	36.01 2.51 0.00	31.04 2.00 0.00	30.51 2.00 0.00	30.27 2.01 0.00	30.79 2.09 0.00	35.32 2.53 0.00	50.20 3.00 -9.18	65.83 3.04 -24.85	54.48 2.92 -14.18	40.44 2.70 -3.52	34.92 2.30 -3.11	32.11 2.03 -2.58	31.36 1.35 -10.99	30.80 1.42 -9.37	31.01 1.38 -9.96	31.51 1.46 -8.67	37.34 1.39 -15.84	46.88 2.14 -13.23	59.41 2.66 -19.85	50.61 2.50 -13.47	40.57 2.03 -9.91	38.72 1.57 -15.06	36.49 1.09 -19.35	33.45 1.18 -14.18
DANSKAMMER___4 23591	36.01 2.51 0.00	31.04 2.00 0.00	30.51 2.00 0.00	30.27 2.01 0.00	30.79 2.09 0.00	35.32 2.53 0.00	50.20 3.00 -9.18	65.83 3.04 -24.85	54.48 2.92 -14.18	40.44 2.70 -3.52	34.92 2.30 -3.11	32.11 2.03 -2.58	31.36 1.35 -10.99	30.80 1.42 -9.37	31.01 1.38 -9.96	31.51 1.46 -8.67	37.34 1.39 -15.84	46.88 2.14 -13.23	59.41 2.66 -19.85	50.61 2.50 -13.47	40.57 2.03 -9.91	38.72 1.57 -15.06	36.49 1.09 -19.35	33.45 1.18 -14.18
DANSKAMMER___DIESEL 23592	36.01 2.51 0.00	31.07 2.03 0.00	30.51 2.00 0.00	30.21 1.95 0.00	30.79 2.09 0.00	35.32 2.53 0.00	50.16 2.97 -9.18	65.83 3.04 -24.85	54.48 2.92 -14.18	40.44 2.70 -3.52	34.91 2.30 -3.11	32.11 2.03 -2.58	31.35 1.35 -10.99	30.80 1.42 -9.37	31.01 1.38 -9.96	31.51 1.45 -8.67	37.34 1.39 -15.84	46.88 2.14 -13.23	59.41 2.66 -19.85	50.61 2.49 -13.47	40.54 2.00 -9.91	38.72 1.57 -15.06	36.49 1.09 -19.35	33.45 1.18 -14.18

DARBY___SOLAR 323810	35.34 1.84 0.00	30.55 1.51 0.00	30.17 1.65 0.00	30.01 1.75 0.00	30.44 1.75 0.00	35.03 2.23 0.00	52.54 2.74 -11.78	72.57 2.73 -31.89	58.27 2.69 -18.19	40.90 2.16 -4.52	35.18 1.68 -3.99	32.29 1.48 -3.31	34.05 0.93 -14.10	33.04 1.00 -12.03	33.38 0.93 -12.78	33.54 1.03 -11.13	41.43 0.98 -20.34	50.19 1.70 -16.98	64.44 2.07 -25.47	53.83 1.90 -17.29	42.92 1.57 -12.72	42.54 1.13 -19.33	41.62 0.74 -24.84	37.05 0.76 -18.20
DASHVILLE___HYD 23610	35.67 2.18 0.00	30.87 1.83 0.00	30.31 1.80 0.00	30.01 1.75 0.00	30.50 1.81 0.00	35.00 2.20 0.00	49.35 1.90 -9.43	65.49 2.01 -25.53	53.82 1.87 -14.57	39.65 1.81 -3.62	34.41 1.71 -3.20	31.63 1.48 -2.65	31.30 0.99 -11.29	30.66 1.02 -9.63	30.89 0.98 -10.23	31.32 1.03 -8.91	37.31 0.92 -16.28	46.39 1.29 -13.60	59.00 1.70 -20.39	50.08 1.59 -13.84	40.07 1.26 -10.18	38.56 0.99 -15.48	36.62 0.69 -19.89	33.46 0.80 -14.57
DEERFIELD_69_KV_DEERFIELD LD 355887	40.03 5.79 -0.74	37.76 4.91 -3.82	35.06 5.02 -1.53	34.62 5.06 -1.30	37.85 5.31 -3.85	40.89 5.48 -2.61	54.28 6.96 -9.30	70.01 6.91 -25.16	58.77 7.03 -14.36	51.82 5.89 -11.72	45.24 6.28 -9.45	41.37 5.80 -8.07	37.22 3.82 -14.38	35.89 4.00 -11.88	36.38 4.01 -12.69	42.23 4.34 -16.50	44.91 4.02 -20.78	65.78 5.73 -28.54	89.58 5.87 -46.81	68.57 6.34 -27.58	53.57 5.21 -19.73	50.73 4.06 -24.58	45.78 2.98 -26.75	42.89 3.42 -21.38
DELAWARE___LFGE 323621	35.07 1.57 0.00	30.38 1.34 0.00	29.80 1.28 0.00	29.56 1.30 0.00	30.13 1.43 0.00	34.50 1.71 0.00	44.70 2.09 -4.58	52.40 2.05 -12.40	47.35 4.26 -5.70	39.30 3.66 -1.42	33.38 2.63 -1.25	30.87 2.34 -1.04	24.96 1.52 -4.42	25.40 1.62 -3.77	25.30 1.61 -4.01	26.76 1.88 -3.49	28.35 1.87 -6.37	39.62 1.51 -6.61	48.51 1.70 -9.91	43.06 1.70 -6.72	34.98 1.40 -4.95	30.67 1.06 -7.52	26.45 0.74 -9.66	25.98 0.81 -7.08
DERFIELD_115KV_TB7 355931	33.66 0.17 0.00	29.19 0.15 0.00	28.66 0.14 0.00	28.43 0.17 0.00	28.84 0.14 0.00	33.00 0.20 0.00	38.51 0.27 -0.22	38.77 0.23 -0.59	37.94 0.22 -0.33	34.51 0.21 -0.08	29.72 0.15 -0.07	27.69 0.14 -0.06	19.37 0.10 -0.26	20.31 0.08 -0.22	19.99 0.08 -0.23	21.70 0.11 -0.20	20.58 0.10 -0.37	32.01 0.19 -0.32	37.60 0.22 -0.47	35.17 0.21 -0.32	29.04 0.17 -0.24	22.56 0.11 -0.36	16.59 0.08 -0.46	18.52 0.09 -0.34
DOGLEVILLE___HYD 23807	34.33 0.84 0.00	29.94 0.90 0.00	29.37 0.85 0.00	28.94 0.68 0.00	29.38 0.69 0.00	33.62 0.82 0.00	39.31 1.06 -0.22	39.49 0.95 -0.59	38.62 0.90 -0.33	35.12 0.82 -0.08	30.37 0.80 -0.07	28.24 0.69 -0.06	19.67 0.40 -0.26	20.59 0.36 -0.22	20.27 0.35 -0.23	22.02 0.43 -0.20	20.84 0.36 -0.37	32.48 0.66 -0.32	38.19 0.81 -0.47	35.69 0.73 -0.32	29.41 0.54 -0.24	22.89 0.44 -0.36	16.81 0.30 -0.46	18.86 0.43 -0.34
DUNKIRK___115KV_TB_200 55889	34.60 1.11 0.00	30.03 0.99 0.00	29.40 0.88 0.00	29.05 0.79 0.00	29.73 1.03 0.00	33.75 0.95 0.00	41.16 0.53 -2.60	44.73 -0.27 -7.05	41.51 0.19 -3.93	35.44 0.24 -0.98	30.34 -0.03 -0.86	28.49 0.27 -0.72	22.16 0.10 -3.05	22.85 0.24 -2.60	22.66 0.22 -2.76	23.77 -0.02 -2.41	24.46 -0.04 -4.40	34.91 -0.35 -3.75	41.57 -0.96 -5.63	37.87 -0.59 -3.82	31.13 -0.31 -2.81	26.07 -0.29 -4.27	21.55 0.02 -5.49	22.09 -0.02 -4.02
DUNKIRK___1 23563	34.60 1.11 0.00	30.03 0.99 0.00	29.40 0.88 0.00	29.05 0.79 0.00	29.73 1.03 0.00	33.75 0.95 0.00	41.16 0.53 -2.60	44.73 -0.27 -7.05	41.51 0.19 -3.93	35.44 0.24 -0.98	30.34 -0.03 -0.86	28.49 0.27 -0.72	22.16 0.10 -3.05	22.85 0.24 -2.60	22.66 0.22 -2.76	23.77 -0.02 -2.41	24.46 -0.04 -4.40	34.91 -0.35 -3.75	41.57 -0.96 -5.63	37.87 -0.59 -3.82	31.13 -0.31 -2.81	26.07 -0.29 -4.27	21.55 0.02 -5.49	22.09 -0.02 -4.02
DUNKIRK___2 23564	34.60 1.11 0.00	30.03 0.99 0.00	29.40 0.88 0.00	29.05 0.79 0.00	29.73 1.03 0.00	33.75 0.95 0.00	41.16 0.53 -2.60	44.73 -0.27 -7.05	41.51 0.19 -3.93	35.44 0.24 -0.98	30.34 -0.03 -0.86	28.49 0.27 -0.72	22.16 0.10 -3.05	22.85 0.24 -2.60	22.66 0.22 -2.76	23.77 -0.02 -2.41	24.46 -0.04 -4.40	34.91 -0.35 -3.75	41.57 -0.96 -5.63	37.87 -0.59 -3.82	31.13 -0.31 -2.81	26.07 -0.29 -4.27	21.55 0.02 -5.49	22.09 -0.02 -4.02
DUNKIRK___3 23565	34.43 0.94 0.00	29.88 0.84 0.00	29.25 0.74 0.00	28.94 0.68 0.00	29.61 0.92 0.00	33.65 0.85 0.00	40.97 0.34 -2.60	44.62 -0.38 -7.05	41.33 0.00 -3.94	35.27 0.07 -0.98	30.22 -0.15 -0.87	28.38 0.16 -0.72	22.09 0.02 -3.06	22.78 0.16 -2.61	22.58 0.14 -2.77	23.71 -0.09 -2.41	24.39 -0.12 -4.40	34.79 -0.47 -3.75	41.46 -1.07 -5.63	37.80 -0.66 -3.82	31.07 -0.37 -2.81	26.03 -0.33 -4.27	21.54 0.00 -5.49	22.08 -0.04 -4.02
DUNKIRK___4 23566	34.43 0.94 0.00	29.88 0.84 0.00	29.25 0.74 0.00	28.94 0.68 0.00	29.61 0.92 0.00	33.62 0.82 0.00	40.94 0.34 -2.57	44.46 -0.46 -6.96	41.24 -0.04 -3.89	35.22 0.03 -0.97	30.18 -0.18 -0.85	28.34 0.14 -0.71	22.04 0.00 -3.02	22.75 0.16 -2.57	22.53 0.12 -2.74	23.66 -0.11 -2.38	24.34 -0.12 -4.35	34.71 -0.50 -3.71	41.32 -1.14 -5.56	37.69 -0.73 -3.78	30.98 -0.43 -2.78	25.93 -0.38 -4.22	21.44 -0.03 -5.42	22.01 -0.05 -3.98
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	35.91 2.41 0.00	30.96 1.92 0.00	30.39 1.88 0.00	30.13 1.87 0.00	30.76 2.07 0.00	35.42 2.62 0.00	50.28 2.97 -9.29	66.18 3.07 -25.16	54.81 3.07 -14.35	40.73 2.94 -3.57	35.37 2.71 -3.15	32.55 2.45 -2.61	31.74 1.60 -11.13	31.18 1.68 -9.49	31.37 1.61 -10.08	31.87 1.71 -8.78	37.74 1.59 -16.04	47.14 2.24 -13.40	59.70 2.69 -20.10	50.88 2.60 -13.64	40.72 2.06 -10.03	38.99 1.66 -15.25	36.83 1.19 -19.60	33.75 1.30 -14.36
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	35.71 2.21 0.00	30.81 1.77 0.00	30.25 1.74 0.00	29.98 1.72 0.00	30.56 1.87 0.00	35.06 2.26 0.00	49.50 2.62 -8.85	64.60 2.69 -23.96	53.64 2.58 -13.67	40.01 2.40 -3.40	34.60 2.09 -3.00	31.88 1.90 -2.49	30.87 1.26 -10.60	30.37 1.32 -9.04	30.56 1.28 -9.61	31.07 1.33 -8.36	36.63 1.25 -15.28	46.16 1.89 -12.76	58.41 2.36 -19.14	49.88 2.25 -12.99	39.99 1.80 -9.56	38.02 1.41 -14.52	35.69 0.98 -18.66	32.85 1.09 -13.68
E179THST_138_KV_TB4_REV_LBMP_J 345001	36.24 2.75 0.00	31.25 2.21 0.00	30.71 2.20 0.00	30.46 2.20 0.00	31.13 2.44 0.00	35.82 3.02 0.00	50.43 3.12 -9.29	66.14 3.04 -25.16	54.39 2.65 -14.35	40.69 2.91 -3.57	35.43 2.77 -3.15	32.64 2.53 -2.61	31.80 1.65 -11.13	31.22 1.72 -9.49	31.39 1.63 -10.08	31.92 1.75 -8.78	37.74 1.59 -16.04	46.92 2.02 -13.40	59.36 2.36 -20.10	50.60 2.32 -13.64	40.50 1.83 -10.03	38.93 1.59 -15.25	36.94 1.30 -19.60	33.93 1.48 -14.36
E179THST_13_KV_LOAD 356214	36.38 2.88 0.00	31.36 2.32 0.00	30.82 2.31 0.00	30.58 2.32 0.00	31.22 2.53 0.00	35.95 3.15 0.00	50.58 3.27 -9.29	66.29 3.19 -25.16	54.58 2.84 -14.35	40.86 3.08 -3.57	35.57 2.92 -3.15	32.77 2.67 -2.61	31.89 1.75 -11.13	31.32 1.82 -9.49	31.47 1.71 -10.08	32.00 1.84 -8.78	37.84 1.69 -16.04	47.08 2.17 -13.40	59.55 2.55 -20.10	50.78 2.49 -13.64	40.64 1.98 -10.03	39.01 1.68 -15.25	37.01 1.36 -19.60	34.01 1.56 -14.36

EAST HAMPTON___GT 23717	40.44 6.20 -0.75	37.98 5.11 -3.82	35.41 5.36 -1.54	35.17 5.60 -1.31	38.21 5.65 -3.86	41.52 6.10 -2.62	54.86 7.53 -9.30	70.59 7.48 -25.17	59.42 7.66 -14.37	52.31 6.36 -11.72	45.66 6.70 -9.46	41.68 6.10 -8.08	37.44 4.03 -14.39	36.12 4.22 -11.89	36.62 4.25 -12.70	42.50 4.60 -16.51	45.20 4.30 -20.79	66.30 6.24 -28.55	90.18 6.46 -46.82	69.13 6.90 -27.59	54.04 5.67 -19.74	51.07 4.40 -24.59	46.01 3.21 -26.76	43.13 3.66 -21.39
EAST RIVER___6 23660	36.24 2.75 0.00	31.22 2.18 0.00	30.62 2.11 0.00	30.41 2.15 0.00	30.99 2.30 0.00	35.72 2.92 0.00	50.21 3.27 -8.91	66.07 3.34 -24.78	54.79 3.37 -14.04	41.03 3.39 -3.42	35.78 3.13 -3.15	32.94 2.83 -2.61	32.02 1.88 -11.13	31.46 1.96 -9.49	31.63 1.87 -10.08	32.13 1.97 -8.78	37.96 1.81 -16.04	47.26 2.46 -13.29	59.95 2.95 -20.10	51.09 2.80 -13.64	40.87 2.20 -10.03	39.15 1.81 -15.25	36.96 1.32 -19.60	33.91 1.46 -14.36
EAST RIVER___7 23524	36.24 2.75 0.00	31.22 2.18 0.00	30.62 2.11 0.00	30.41 2.15 0.00	30.99 2.30 0.00	35.72 2.92 0.00	50.21 3.27 -8.91	66.07 3.34 -24.78	54.79 3.37 -14.04	41.03 3.39 -3.42	35.78 3.13 -3.15	32.94 2.83 -2.61	32.02 1.88 -11.13	31.46 1.96 -9.49	31.63 1.87 -10.08	32.13 1.97 -8.78	37.96 1.81 -16.04	47.26 2.46 -13.29	59.95 2.95 -20.10	51.09 2.80 -13.64	40.87 2.20 -10.03	39.15 1.81 -15.25	36.96 1.32 -19.60	33.91 1.46 -14.36
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	35.87 2.38 0.00	30.93 1.89 0.00	30.37 1.85 0.00	30.10 1.84 0.00	30.70 2.01 0.00	35.36 2.56 0.00	50.23 2.93 -9.28	66.07 3.00 -25.12	54.67 2.95 -14.33	40.65 2.87 -3.56	35.27 2.63 -3.15	32.47 2.36 -2.61	31.69 1.56 -11.11	31.11 1.62 -9.47	31.30 1.55 -10.07	31.80 1.65 -8.76	37.65 1.53 -16.02	47.06 2.17 -13.38	59.59 2.62 -20.07	50.79 2.53 -13.62	40.65 2.00 -10.02	38.93 1.61 -15.23	36.77 1.16 -19.57	33.70 1.27 -14.34
EAST_HAMPTON___DIESEL 23722	40.47 6.23 -0.75	37.98 5.11 -3.82	35.41 5.36 -1.54	35.17 5.60 -1.31	38.21 5.65 -3.86	41.52 6.10 -2.62	54.86 7.53 -9.30	70.59 7.48 -25.17	59.42 7.66 -14.37	52.31 6.36 -11.72	45.66 6.70 -9.46	41.68 6.10 -8.08	37.44 4.03 -14.39	36.12 4.22 -11.89	36.62 4.25 -12.70	42.51 4.62 -16.51	45.20 4.30 -20.79	66.30 6.24 -28.55	90.18 6.46 -46.82	69.13 6.90 -27.59	54.04 5.67 -19.74	51.07 4.40 -24.59	46.01 3.21 -26.76	43.13 3.66 -21.39
EAST_PULASKI___ESR 323781	33.26 -0.23 0.00	28.84 -0.20 0.00	28.28 -0.23 0.00	28.06 -0.20 0.00	28.44 -0.26 0.00	32.47 -0.33 0.00	39.34 -0.19 -1.51	41.84 -0.19 -4.08	39.39 -0.30 -2.30	34.41 -0.38 -0.57	29.59 -0.41 -0.50	27.55 -0.36 -0.42	20.63 -0.17 -1.78	21.37 -0.16 -1.52	21.11 -0.18 -1.61	22.64 -0.15 -1.40	22.53 -0.14 -2.57	33.58 -0.09 -2.17	40.05 -0.11 -3.26	36.75 -0.10 -2.21	30.17 -0.09 -1.63	24.49 -0.07 -2.47	19.21 -0.02 -3.18	20.40 -0.02 -2.33
EAST_RIVER___1 323558	36.11 2.61 0.00	31.10 2.06 0.00	30.54 2.02 0.00	30.30 2.04 0.00	30.90 2.21 0.00	35.59 2.79 0.00	50.09 3.15 -8.91	65.91 3.19 -24.78	54.60 3.18 -14.04	40.86 3.22 -3.42	35.60 2.95 -3.15	32.77 2.67 -2.61	31.91 1.77 -11.13	31.34 1.84 -9.49	31.49 1.73 -10.08	32.02 1.86 -8.78	37.86 1.71 -16.04	47.10 2.30 -13.29	59.80 2.80 -20.10	50.95 2.67 -13.64	40.78 2.12 -10.03	39.08 1.74 -15.25	36.91 1.27 -19.60	33.86 1.41 -14.36
EAST_RIVER___2 323559	36.24 2.75 0.00	31.22 2.18 0.00	30.62 2.11 0.00	30.41 2.15 0.00	30.99 2.30 0.00	35.72 2.92 0.00	50.21 3.27 -8.91	66.07 3.34 -24.78	54.79 3.37 -14.04	41.03 3.39 -3.42	35.78 3.13 -3.15	32.94 2.83 -2.61	32.02 1.88 -11.13	31.46 1.96 -9.49	31.63 1.87 -10.08	32.13 1.97 -8.78	37.96 1.81 -16.04	47.26 2.46 -13.29	59.95 2.95 -20.10	51.09 2.80 -13.64	40.87 2.20 -10.03	39.15 1.81 -15.25	36.96 1.32 -19.60	33.91 1.46 -14.36
EAST___DELAWARE_HYD 23607	35.57 2.08 0.00	30.72 1.68 0.00	30.17 1.65 0.00	29.87 1.61 0.00	30.42 1.72 0.00	34.87 2.07 0.00	48.61 2.51 -8.08	62.41 2.58 -21.88	52.23 2.36 -12.49	39.51 2.19 -3.10	34.04 1.80 -2.74	31.36 1.59 -2.27	29.74 1.05 -9.68	29.37 1.10 -8.26	29.51 1.06 -8.77	30.16 1.13 -7.64	35.19 1.13 -13.96	44.89 1.73 -11.65	56.60 2.21 -17.48	48.62 2.11 -11.86	39.05 1.69 -8.73	36.65 1.30 -13.27	33.99 0.90 -17.05	31.54 0.96 -12.49
EIGHT_POINT___WT_PWR 323820	35.04 1.54 0.00	30.52 1.48 0.00	29.85 1.34 0.00	29.42 1.16 0.00	30.24 1.55 0.00	34.47 1.67 0.00	42.61 1.67 -2.92	46.95 1.10 -7.90	42.91 1.01 -4.52	36.16 0.82 -1.12	30.94 0.44 -0.99	28.81 0.50 -0.82	22.76 0.25 -3.50	23.38 0.38 -2.99	23.20 0.35 -3.17	24.66 0.51 -2.76	25.62 0.46 -5.05	36.37 0.66 -4.21	43.62 0.41 -6.31	39.44 0.52 -4.28	32.24 0.46 -3.15	27.18 0.31 -4.79	22.52 0.32 -6.15	22.94 0.34 -4.51
ELBRIDGE_115KV_TB2 80188	33.97 0.47 0.00	29.45 0.41 0.00	28.88 0.37 0.00	28.63 0.37 0.00	29.10 0.40 0.00	33.23 0.43 0.00	40.76 0.61 -2.13	44.29 0.57 -5.77	41.22 0.60 -3.24	35.50 0.48 -0.80	30.51 0.30 -0.71	28.41 0.33 -0.59	21.81 0.29 -2.51	22.49 0.34 -2.14	22.30 0.35 -2.27	23.75 0.38 -1.98	24.06 0.34 -3.62	35.12 0.54 -3.07	42.03 0.52 -4.61	38.36 0.59 -3.13	31.39 0.46 -2.30	25.92 0.33 -3.50	20.83 0.29 -4.50	21.66 0.27 -3.30
ELEC_TRO_TEK 24086	37.18 2.95 -0.74	35.21 2.35 -3.81	32.35 2.31 -1.53	31.85 2.29 -1.30	35.07 2.53 -3.85	38.56 3.15 -2.61	50.77 3.46 -9.29	66.59 3.49 -25.15	55.25 3.51 -14.35	47.45 3.46 -9.78	42.04 3.10 -9.44	38.39 2.83 -8.07	35.26 1.86 -14.38	33.85 1.96 -11.88	34.25 1.89 -12.68	39.89 2.01 -16.49	42.75 1.87 -20.78	62.72 2.68 -28.54	80.86 3.25 -40.71	65.30 3.08 -27.58	50.84 2.49 -19.72	48.65 1.99 -24.57	44.22 1.43 -26.74	41.02 1.56 -21.37
ELLENBURG_WT_PWR 323604	33.33 -0.17 0.00	28.95 -0.09 0.00	28.37 -0.14 0.00	28.06 -0.20 0.00	28.44 -0.26 0.00	32.34 -0.46 0.00	36.88 -1.14 0.00	37.00 -0.95 0.00	36.38 -1.01 0.00	33.40 -0.82 0.00	28.85 -0.65 0.00	26.53 -0.96 0.00	18.12 -0.89 0.00	18.95 -1.06 0.00	18.67 -1.00 0.00	20.40 -0.98 0.00	19.30 -0.80 0.00	30.37 -1.13 0.00	36.13 -0.78 0.00	33.60 -1.04 0.00	27.77 -0.86 0.00	21.38 -0.71 0.00	15.47 -0.58 0.00	17.51 -0.58 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	33.76 0.27 0.00	29.36 0.32 0.00	28.74 0.23 0.00	28.46 0.20 0.00	29.10 0.40 0.00	33.06 0.26 0.00	40.31 -0.23 -2.52	43.59 -1.18 -6.82	40.53 -0.67 -3.82	34.69 -0.48 -0.95	29.72 -0.62 -0.84	27.94 -0.25 -0.70	21.75 -0.23 -2.96	22.44 -0.10 -2.52	22.24 -0.12 -2.68	23.38 -0.34 -2.33	24.01 -0.36 -4.27	34.22 -0.91 -3.63	40.69 -1.66 -5.44	37.13 -1.21 -3.69	30.55 -0.80 -2.72	25.60 -0.62 -4.13	21.18 -0.18 -5.31	21.80 -0.18 -3.89
EMPIRE_CC_1 323656	34.90 1.41 0.00	30.20 1.16 0.00	29.74 1.23 0.00	29.56 1.30 0.00	30.02 1.32 0.00	34.44 1.64 0.00	50.80 1.83 -10.96	69.32 1.71 -29.66	56.03 1.72 -16.92	40.00 1.57 -4.20	34.57 1.36 -3.71	31.87 1.29 -3.08	32.91 0.78 -13.12	32.04 0.84 -11.19	32.41 0.85 -11.89	32.63 0.90 -10.35	39.82 0.81 -18.91	48.59 1.29 -15.80	62.08 1.48 -23.70	52.11 1.39 -16.08	41.63 1.17 -11.83	40.95 0.88 -17.98	39.76 0.61 -23.11	35.71 0.69 -16.93

EMPIRE_CC_2 323658	34.90 1.41 0.00	30.20 1.16 0.00	29.74 1.23 0.00	29.56 1.30 0.00	30.02 1.32 0.00	34.44 1.64 0.00	50.80 1.83 -10.96	69.32 1.71 -29.66	56.03 1.72 -16.92	40.00 1.57 -4.20	34.57 1.36 -3.71	31.87 1.29 -3.08	32.91 0.78 -13.12	32.04 0.84 -11.19	32.41 0.85 -11.89	32.63 0.90 -10.35	39.82 0.81 -18.91	48.59 1.29 -15.80	62.08 1.48 -23.70	52.11 1.39 -16.08	41.63 1.17 -11.83	40.95 0.88 -17.98	39.76 0.61 -23.11	35.71 0.69 -16.93
ENORWICH_115KV_TB1 80156	36.71 3.22 0.00	32.00 2.96 0.00	31.28 2.77 0.00	31.14 2.88 0.00	31.65 2.96 0.00	36.18 3.38 0.00	46.17 4.41 -3.74	52.43 4.36 -10.11	47.33 4.64 -5.30	39.33 3.80 -1.32	33.38 2.71 -1.16	30.80 2.34 -0.97	24.65 1.52 -4.11	25.14 1.62 -3.51	25.04 1.63 -3.73	26.62 1.99 -3.24	28.05 2.01 -5.93	40.07 3.18 -5.39	48.79 3.80 -8.08	43.66 3.53 -5.48	35.44 2.78 -4.03	30.21 1.99 -6.13	25.24 1.32 -7.88	25.33 1.47 -5.77
ERIE_ST__34_KV_TB1-2 80199	34.27 0.77 0.00	29.77 0.73 0.00	29.14 0.63 0.00	28.85 0.59 0.00	29.53 0.83 0.00	33.55 0.75 0.00	40.39 -0.19 -2.56	43.97 -0.91 -6.93	40.74 -0.52 -3.88	34.81 -0.38 -0.96	29.85 -0.50 -0.85	28.04 -0.16 -0.71	21.81 -0.21 -3.01	22.52 -0.06 -2.56	22.30 -0.10 -2.73	23.42 -0.34 -2.37	24.06 -0.38 -4.34	34.31 -0.88 -3.69	40.89 -1.55 -5.54	37.29 -1.11 -3.76	30.68 -0.72 -2.76	25.69 -0.60 -4.20	21.25 -0.19 -5.40	21.81 -0.24 -3.96
ERIE_WT_PWR 323693	34.06 0.57 0.00	29.71 0.67 0.00	29.00 0.48 0.00	28.51 0.25 0.00	29.35 0.66 0.00	33.39 0.59 0.00	40.53 -0.04 -2.54	43.82 -1.02 -6.89	40.80 -0.45 -3.86	34.90 -0.27 -0.96	29.91 -0.44 -0.85	28.11 -0.08 -0.70	21.88 -0.13 -2.99	22.58 0.02 -2.55	22.37 -0.02 -2.71	23.51 -0.23 -2.36	24.14 -0.28 -4.32	34.42 -0.76 -3.67	40.97 -1.44 -5.50	37.37 -1.01 -3.74	30.75 -0.63 -2.75	25.78 -0.49 -4.18	21.32 -0.10 -5.37	21.91 -0.11 -3.93
ESPRGFLD_115KV_TB1 80157	35.61 2.11 0.00	30.81 1.77 0.00	30.22 1.71 0.00	30.01 1.75 0.00	30.65 1.95 0.00	35.23 2.43 0.00	40.25 3.16 0.93	38.59 3.15 2.51	38.90 2.69 1.18	36.15 2.22 0.29	30.90 1.65 0.26	28.68 1.40 0.21	19.02 0.91 0.91	20.22 0.98 0.78	19.74 0.89 0.83	21.67 1.01 0.72	19.84 1.05 1.31	32.28 2.11 1.34	37.44 2.55 2.01	35.74 2.46 1.36	29.60 1.98 1.00	22.04 1.48 1.52	15.07 0.98 1.96	17.67 1.01 1.43
ETNA_115_KV_TB1_REV_LBMP_C 345029	34.84 1.34 0.00	30.23 1.19 0.00	29.65 1.14 0.00	29.39 1.13 0.00	29.90 1.21 0.00	34.18 1.38 0.00	42.84 1.75 -3.07	47.96 1.71 -8.31	43.76 1.72 -4.65	36.74 1.37 -1.16	31.56 1.03 -1.02	29.28 0.93 -0.85	23.27 0.65 -3.61	23.81 0.72 -3.08	23.69 0.75 -3.27	25.09 0.86 -2.85	26.11 0.80 -5.20	37.25 1.32 -4.42	45.02 1.48 -6.64	40.60 1.45 -4.50	33.12 1.17 -3.31	27.98 0.86 -5.03	23.14 0.63 -6.47	23.52 0.69 -4.74
ETNA_____115KV_TB2 80207	34.84 1.34 0.00	30.23 1.19 0.00	29.65 1.14 0.00	29.39 1.13 0.00	29.90 1.21 0.00	34.18 1.38 0.00	42.84 1.75 -3.07	47.96 1.71 -8.31	43.76 1.72 -4.65	36.74 1.37 -1.16	31.56 1.03 -1.02	29.28 0.93 -0.85	23.27 0.65 -3.61	23.81 0.72 -3.08	23.69 0.75 -3.27	25.09 0.86 -2.85	26.11 0.80 -5.20	37.25 1.32 -4.42	45.02 1.48 -6.64	40.60 1.45 -4.50	33.12 1.17 -3.31	27.98 0.86 -5.03	23.14 0.63 -6.47	23.52 0.69 -4.74
EUCLID___115KV_TB2 356179	33.33 -0.17 0.00	28.92 -0.12 0.00	28.40 -0.11 0.00	28.15 -0.11 0.00	28.52 -0.17 0.00	32.54 -0.26 0.00	39.64 -0.23 -1.85	42.68 -0.27 -5.00	39.98 -0.22 -2.81	34.68 -0.24 -0.70	29.91 -0.21 -0.62	27.92 -0.08 -0.51	21.22 0.02 -2.18	21.91 0.04 -1.86	21.71 0.06 -1.98	23.17 0.06 -1.72	23.25 0.00 -3.15	34.17 0.00 -2.66	40.79 -0.11 -3.99	37.32 -0.03 -2.71	30.60 -0.03 -1.99	25.09 -0.02 -3.03	19.96 0.02 -3.89	20.96 0.02 -2.85
E_CANADA_CAP_HY 24051	35.77 2.28 0.00	30.90 1.86 0.00	30.34 1.83 0.00	30.30 2.04 0.00	30.82 2.12 0.00	35.49 2.69 0.00	56.20 3.54 -14.64	81.16 3.57 -39.64	63.34 3.22 -22.74	42.40 2.53 -5.65	36.29 1.80 -4.99	33.12 1.48 -4.14	37.57 0.93 -17.63	36.06 1.02 -15.03	36.54 0.89 -15.97	36.32 1.03 -13.90	46.63 1.11 -25.41	54.85 2.24 -21.11	71.31 2.73 -31.67	58.73 2.60 -21.49	46.56 2.12 -15.81	47.73 1.61 -24.03	47.96 1.03 -30.88	41.73 1.01 -22.63
E_CANADA_MHWK_HY 24050	34.33 0.84 0.00	29.94 0.90 0.00	29.37 0.85 0.00	28.94 0.68 0.00	29.38 0.69 0.00	33.62 0.82 0.00	39.31 1.06 -0.22	39.49 0.95 -0.59	38.62 0.90 -0.33	35.12 0.82 -0.08	30.37 0.80 -0.07	28.24 0.69 -0.06	19.67 0.40 -0.26	20.59 0.36 -0.22	20.27 0.35 -0.23	22.02 0.43 -0.20	20.84 0.36 -0.37	32.48 0.66 -0.32	38.19 0.81 -0.47	35.69 0.73 -0.32	29.41 0.54 -0.24	22.89 0.44 -0.36	16.81 0.30 -0.46	18.86 0.43 -0.34
E_FISHKILL___LBMP 23776	35.61 2.11 0.00	30.72 1.68 0.00	30.20 1.68 0.00	29.93 1.67 0.00	30.53 1.84 0.00	35.09 2.30 0.00	50.07 2.62 -9.43	66.13 2.66 -25.53	54.57 2.62 -14.56	40.37 2.53 -3.62	34.97 2.27 -3.20	32.21 2.06 -2.65	31.66 1.35 -11.29	31.06 1.42 -9.63	31.27 1.36 -10.23	31.75 1.45 -8.90	37.73 1.35 -16.28	47.05 1.95 -13.59	59.62 2.33 -20.39	50.70 2.22 -13.84	40.61 1.80 -10.18	39.00 1.44 -15.47	36.96 1.03 -19.88	33.78 1.12 -14.57
FALCON___SEABRD_CC1 323796	33.70 0.20 0.00	29.30 0.26 0.00	28.71 0.20 0.00	28.40 0.14 0.00	28.81 0.12 0.00	32.77 -0.03 0.00	37.11 -0.91 0.00	37.27 -0.68 0.00	36.60 -0.79 0.00	33.60 -0.61 0.00	29.06 -0.44 0.00	26.70 -0.80 0.00	18.24 -0.78 0.00	19.07 -0.94 0.00	18.79 -0.89 0.00	20.51 -0.88 0.00	19.42 -0.68 0.00	30.56 -0.94 0.00	36.61 -0.30 0.00	34.05 -0.59 0.00	28.14 -0.49 0.00	21.64 -0.44 0.00	15.68 -0.37 0.00	17.73 -0.36 0.00
FALCON___SEABRD_CC2 323797	33.70 0.20 0.00	29.30 0.26 0.00	28.71 0.20 0.00	28.40 0.14 0.00	28.81 0.12 0.00	32.77 -0.03 0.00	37.11 -0.91 0.00	37.27 -0.68 0.00	36.60 -0.79 0.00	33.60 -0.61 0.00	29.06 -0.44 0.00	26.70 -0.80 0.00	18.24 -0.78 0.00	19.07 -0.94 0.00	18.79 -0.89 0.00	20.51 -0.88 0.00	19.42 -0.68 0.00	30.56 -0.94 0.00	36.61 -0.30 0.00	34.05 -0.59 0.00	28.14 -0.49 0.00	21.64 -0.44 0.00	15.68 -0.37 0.00	17.73 -0.36 0.00
FAR ROCKAWAY___4 23548	37.58 3.35 -0.74	35.58 2.73 -3.81	32.72 2.68 -1.53	32.22 2.66 -1.30	35.38 2.84 -3.85	38.95 3.54 -2.61	51.11 3.80 -9.29	66.97 3.87 -25.15	55.62 3.89 -14.35	47.86 3.87 -9.77	42.45 3.51 -9.44	38.75 3.19 -8.07	35.49 2.09 -14.38	34.09 2.20 -11.88	34.48 2.13 -12.68	40.13 2.25 -16.49	43.01 2.13 -20.78	63.07 3.02 -28.54	81.21 3.62 -40.69	65.72 3.50 -27.58	51.16 2.81 -19.72	48.98 2.32 -24.57	44.46 1.67 -26.74	41.29 1.83 -21.37
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	36.11 2.61 0.00	31.10 2.06 0.00	30.54 2.02 0.00	30.27 2.01 0.00	30.88 2.18 0.00	35.59 2.79 0.00	50.43 3.12 -9.29	66.29 3.19 -25.16	54.88 3.14 -14.35	40.97 3.18 -3.57	35.57 2.92 -3.15	32.75 2.64 -2.61	31.89 1.75 -11.13	31.32 1.82 -9.49	31.49 1.73 -10.08	32.00 1.84 -8.78	37.86 1.71 -16.04	47.20 2.30 -13.40	59.81 2.80 -20.10	50.95 2.67 -13.64	40.78 2.12 -10.03	39.08 1.74 -15.25	36.91 1.27 -19.60	33.86 1.41 -14.36

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	36.11 2.61 0.00	31.10 2.06 0.00	30.54 2.02 0.00	30.27 2.01 0.00	30.90 2.21 0.00	35.62 2.82 0.00	50.43 3.12 -9.29	66.29 3.19 -25.16	54.92 3.18 -14.35	40.97 3.18 -3.57	35.57 2.92 -3.15	32.75 2.64 -2.61	31.89 1.75 -11.13	31.32 1.82 -9.49	31.49 1.73 -10.08	32.00 1.84 -8.78	37.86 1.71 -16.04	47.20 2.30 -13.40	59.81 2.80 -20.10	50.95 2.67 -13.64	40.78 2.12 -10.03	39.08 1.74 -15.25	36.91 1.27 -19.60	33.86 1.41 -14.36
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	36.11 2.61 0.00	31.10 2.06 0.00	30.51 2.00 0.00	30.27 2.01 0.00	30.88 2.18 0.00	35.59 2.79 0.00	50.39 3.08 -9.29	66.29 3.19 -25.16	54.88 3.14 -14.35	40.93 3.15 -3.57	35.57 2.92 -3.15	32.75 2.64 -2.61	31.87 1.73 -11.13	31.32 1.82 -9.49	31.47 1.71 -10.08	32.00 1.84 -8.78	37.84 1.69 -16.04	47.20 2.30 -13.40	59.77 2.77 -20.10	50.91 2.63 -13.64	40.78 2.12 -10.03	39.06 1.72 -15.25	36.91 1.27 -19.60	33.84 1.39 -14.36
FARRAGUT___LBMP 323566	36.08 2.58 0.00	31.07 2.03 0.00	30.51 2.00 0.00	30.24 1.98 0.00	30.85 2.15 0.00	35.55 2.76 0.00	50.39 3.08 -9.29	66.25 3.15 -25.16	54.84 3.10 -14.35	40.90 3.11 -3.57	35.54 2.89 -3.15	32.72 2.61 -2.61	31.87 1.73 -11.13	31.30 1.80 -9.49	31.47 1.71 -10.08	31.98 1.82 -8.78	37.82 1.67 -16.04	47.17 2.27 -13.40	59.73 2.73 -20.10	50.91 2.63 -13.64	40.75 2.09 -10.03	39.06 1.72 -15.25	36.89 1.25 -19.60	33.84 1.39 -14.36
FENNER___WINDPWR 24204	34.50 1.00 0.00	30.00 0.96 0.00	29.42 0.91 0.00	29.11 0.85 0.00	29.61 0.92 0.00	33.85 1.05 0.00	41.26 1.44 -1.79	44.21 1.40 -4.85	41.46 1.34 -2.73	35.99 1.09 -0.68	30.96 0.86 -0.60	28.73 0.74 -0.50	21.64 0.51 -2.11	22.35 0.54 -1.80	22.12 0.53 -1.92	23.70 0.64 -1.67	23.76 0.60 -3.05	35.16 1.07 -2.58	42.07 1.29 -3.88	38.49 1.21 -2.63	31.54 0.97 -1.94	25.73 0.71 -2.94	20.31 0.48 -3.78	21.42 0.56 -2.77
FIBERTEK___ENERGY 23856	33.90 0.40 0.00	29.45 0.41 0.00	28.88 0.37 0.00	28.63 0.37 0.00	29.04 0.34 0.00	33.16 0.36 0.00	40.59 0.53 -2.04	43.96 0.49 -5.52	41.01 0.52 -3.10	35.40 0.41 -0.77	30.51 0.32 -0.68	28.41 0.36 -0.56	21.72 0.30 -2.40	22.42 0.36 -2.05	22.23 0.37 -2.17	23.69 0.41 -1.89	23.89 0.32 -3.46	34.98 0.54 -2.94	41.83 0.52 -4.41	38.19 0.55 -2.99	31.26 0.43 -2.20	25.76 0.33 -3.34	20.62 0.27 -4.30	21.53 0.29 -3.15
FITZPATRICK____ 23598	32.66 -0.84 0.00	28.37 -0.67 0.00	27.83 -0.68 0.00	27.53 -0.73 0.00	27.89 -0.80 0.00	31.82 -0.98 0.00	38.30 -1.06 -1.34	40.47 -1.10 -3.63	38.35 -1.09 -2.05	33.73 -0.99 -0.51	29.09 -0.86 -0.45	27.18 -0.69 -0.37	20.22 -0.38 -1.59	20.98 -0.38 -1.35	20.74 -0.37 -1.44	22.23 -0.41 -1.25	21.99 -0.40 -2.29	32.77 -0.66 -1.93	38.95 -0.85 -2.90	35.85 -0.76 -1.97	29.45 -0.63 -1.45	23.82 -0.46 -2.20	18.58 -0.29 -2.82	19.83 -0.33 -2.07
FLOWRFLD_69_KV_BK1 356044	39.16 4.92 -0.74	36.84 3.98 -3.82	34.07 4.02 -1.53	33.60 4.04 -1.30	36.96 4.42 -3.85	40.20 4.79 -2.61	53.10 5.78 -9.30	68.76 5.65 -25.16	57.50 5.76 -14.36	51.44 5.00 -12.23	44.03 5.07 -9.45	40.27 4.70 -8.07	36.52 3.12 -14.38	35.15 3.26 -11.88	35.59 3.23 -12.69	41.37 3.49 -16.50	44.23 3.34 -20.78	64.71 4.66 -28.54	90.12 4.80 -48.42	67.39 5.16 -27.58	52.57 4.21 -19.73	50.00 3.34 -24.58	45.28 2.49 -26.75	42.20 2.73 -21.38
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	36.08 2.58 0.00	31.10 2.06 0.00	30.54 2.02 0.00	30.27 2.01 0.00	30.85 2.15 0.00	35.39 2.59 0.00	50.29 3.04 -9.22	66.03 3.11 -24.97	54.62 2.99 -14.24	40.53 2.77 -3.54	34.99 2.36 -3.13	32.18 2.09 -2.59	31.45 1.39 -11.04	30.87 1.44 -9.42	31.10 1.42 -10.01	31.60 1.50 -8.71	37.46 1.43 -15.92	47.01 2.21 -13.30	59.58 2.73 -19.94	50.74 2.56 -13.54	40.65 2.06 -9.96	38.83 1.61 -15.14	36.62 1.12 -19.45	33.55 1.21 -14.25
FORT ORANGE____ 23900	34.40 0.90 0.00	29.74 0.70 0.00	29.28 0.77 0.00	29.19 0.93 0.00	29.53 0.83 0.00	33.91 1.12 0.00	50.62 1.25 -11.35	69.81 1.14 -30.73	56.04 1.12 -17.53	39.53 0.96 -4.35	34.06 0.71 -3.85	31.40 0.71 -3.19	32.96 0.36 -13.59	31.98 0.38 -11.59	32.41 0.41 -12.32	32.58 0.47 -10.72	40.16 0.46 -19.59	48.72 0.85 -16.36	62.41 0.96 -24.55	52.20 0.90 -16.66	41.66 0.77 -12.25	41.26 0.55 -18.63	40.32 0.34 -23.94	36.12 0.49 -17.54
FORT_DRUM_COGEN 23780	33.63 0.13 0.00	29.16 0.12 0.00	28.57 0.06 0.00	28.37 0.11 0.00	28.84 0.14 0.00	32.86 0.07 0.00	39.54 0.49 -1.02	41.22 0.49 -2.77	39.10 0.15 -1.56	34.50 -0.10 -0.39	29.46 -0.38 -0.34	27.31 -0.47 -0.28	19.88 -0.34 -1.21	20.66 -0.38 -1.03	20.40 -0.37 -1.10	22.06 -0.28 -0.95	21.71 -0.14 -1.75	33.17 0.19 -1.48	39.60 0.48 -2.22	36.42 0.28 -1.50	30.02 0.29 -1.11	23.97 0.20 -1.68	18.30 0.10 -2.16	19.78 0.11 -1.58
FOX_HILLS___ESR 323835	36.48 2.98 0.00	31.42 2.38 0.00	30.82 2.31 0.00	30.55 2.29 0.00	31.13 2.44 0.00	35.85 3.05 0.00	50.20 2.89 -9.29	66.07 2.96 -25.16	54.58 2.84 -14.35	40.83 3.05 -3.57	35.69 3.04 -3.15	32.86 2.75 -2.61	31.95 1.81 -11.13	31.40 1.90 -9.49	31.55 1.79 -10.08	32.11 1.95 -8.78	37.96 1.81 -16.04	47.17 2.27 -13.40	59.70 2.69 -20.10	50.91 2.63 -13.64	40.70 2.03 -10.03	39.13 1.79 -15.25	37.07 1.43 -19.60	34.04 1.59 -14.36
FPL_FAR_ROCK_GT1 24212	37.59 3.35 -0.74	35.59 2.73 -3.82	32.70 2.65 -1.54	32.28 2.71 -1.31	35.39 2.84 -3.85	38.96 3.54 -2.62	51.16 3.84 -9.30	66.94 3.83 -25.16	55.67 3.92 -14.36	47.90 3.90 -9.78	42.46 3.51 -9.45	38.70 3.13 -8.07	35.49 2.09 -14.39	34.10 2.20 -11.88	34.49 2.13 -12.69	40.13 2.25 -16.50	43.02 2.13 -20.78	63.07 3.02 -28.54	81.18 3.58 -40.70	65.72 3.50 -27.58	51.17 2.81 -19.73	48.98 2.32 -24.58	44.47 1.67 -26.75	41.30 1.83 -21.38
FPL_FAR_ROCK_GT2 23815	37.59 3.35 -0.74	35.59 2.73 -3.82	32.70 2.65 -1.54	32.28 2.71 -1.31	35.39 2.84 -3.85	38.96 3.54 -2.62	51.16 3.84 -9.30	66.94 3.83 -25.16	55.67 3.92 -14.36	47.90 3.90 -9.78	42.46 3.51 -9.45	38.70 3.13 -8.07	35.49 2.09 -14.39	34.10 2.20 -11.88	34.49 2.13 -12.69	40.13 2.25 -16.50	43.02 2.13 -20.78	63.07 3.02 -28.54	81.18 3.58 -40.70	65.72 3.50 -27.58	51.17 2.81 -19.73	48.98 2.32 -24.58	44.47 1.67 -26.75	41.30 1.83 -21.38
FRANKLIN_FALL_HYD 24054	33.36 -0.13 0.00	29.04 0.00 0.00	28.48 -0.03 0.00	28.09 -0.17 0.00	28.52 -0.17 0.00	32.37 -0.43 0.00	37.15 -0.87 0.00	37.27 -0.68 0.00	36.56 -0.82 0.00	33.53 -0.68 0.00	29.03 -0.47 0.00	26.72 -0.77 0.00	18.29 -0.72 0.00	19.15 -0.86 0.00	18.87 -0.81 0.00	20.55 -0.83 0.00	19.42 -0.68 0.00	30.53 -0.98 0.00	36.28 -0.63 0.00	33.74 -0.90 0.00	27.91 -0.72 0.00	21.51 -0.57 0.00	15.60 -0.45 0.00	17.66 -0.43 0.00
FREEPORT_EQUS_GT1 23764	37.53 3.28 -0.75	35.48 2.61 -3.82	32.65 2.59 -1.54	32.22 2.66 -1.31	35.36 2.81 -3.85	38.83 3.41 -2.62	51.16 3.84 -9.30	66.94 3.83 -25.16	55.67 3.92 -14.36	47.81 3.80 -9.80	42.31 3.36 -9.45	38.65 3.08 -8.08	35.46 2.05 -14.39	34.04 2.14 -11.89	34.43 2.07 -12.69	40.09 2.20 -16.50	42.92 2.03 -20.79	63.01 2.96 -28.55	81.19 3.54 -40.74	65.59 3.36 -27.59	51.08 2.72 -19.73	48.90 2.23 -24.58	44.39 1.59 -26.75	41.22 1.75 -21.38



FREEPORT___CT2 23818	37.53 3.28 -0.75	35.48 2.61 -3.82	32.65 2.59 -1.54	32.22 2.66 -1.31	35.36 2.81 -3.85	38.83 3.41 -2.62	51.16 3.84 -9.30	66.94 3.83 -25.16	55.67 3.92 -14.36	47.81 3.80 -9.80	42.31 3.36 -9.45	38.65 3.08 -8.08	35.46 2.05 -14.39	34.04 2.14 -11.89	34.43 2.07 -12.69	40.09 2.20 -16.50	42.92 2.03 -20.79	63.01 2.96 -28.55	81.19 3.54 -40.74	65.59 3.36 -27.59	51.08 2.72 -19.73	48.90 2.23 -24.58	44.39 1.59 -26.75	41.22 1.75 -21.38
FRESHKLS_33_KV_LOAD 356253	36.64 3.15 0.00	31.62 2.58 0.00	31.02 2.51 0.00	30.72 2.46 0.00	31.22 2.53 0.00	35.95 3.15 0.00	49.98 2.66 -9.29	65.84 2.73 -25.16	54.39 2.65 -14.35	40.62 2.84 -3.57	35.60 2.95 -3.15	32.77 2.67 -2.61	31.89 1.75 -11.13	31.34 1.84 -9.49	31.49 1.73 -10.08	32.07 1.90 -8.78	37.94 1.79 -16.04	46.98 2.08 -13.40	59.51 2.51 -20.10	50.71 2.42 -13.64	40.52 1.86 -10.03	39.13 1.79 -15.25	37.13 1.49 -19.60	34.15 1.70 -14.36
FULTON COGEN____ 23766	33.16 -0.33 0.00	28.84 -0.20 0.00	28.31 -0.20 0.00	28.06 -0.20 0.00	28.32 -0.37 0.00	32.31 -0.49 0.00	39.26 -0.42 -1.66	41.98 -0.46 -4.49	39.50 -0.41 -2.53	34.40 -0.44 -0.63	29.76 -0.30 -0.55	27.76 -0.19 -0.46	20.94 -0.04 -1.96	21.66 -0.02 -1.67	21.45 0.00 -1.78	22.93 0.00 -1.55	22.85 -0.08 -2.82	33.77 -0.13 -2.39	40.23 -0.26 -3.58	36.90 -0.17 -2.43	30.28 -0.14 -1.79	24.67 -0.13 -2.72	19.49 -0.05 -3.49	20.63 -0.02 -2.56
FULTON___LFGE 323630	36.34 2.85 0.00	31.80 2.76 0.00	31.25 2.74 0.00	30.80 2.54 0.00	31.36 2.67 0.00	36.21 3.41 0.00	56.33 4.52 -13.78	79.82 4.55 -37.32	62.98 4.22 -21.37	42.85 3.32 -5.31	36.94 2.74 -4.69	33.70 2.31 -3.89	37.09 1.50 -16.57	35.82 1.68 -14.13	36.33 1.63 -15.02	36.34 1.88 -13.07	45.64 1.65 -23.89	54.47 3.09 -19.87	70.41 3.69 -29.81	58.34 3.46 -20.23	46.35 2.83 -14.88	46.76 2.05 -22.62	46.40 1.28 -29.07	40.88 1.48 -21.30
G.F.CEMENT___DRP 24184	35.41 1.91 0.00	30.58 1.54 0.00	30.25 1.74 0.00	30.10 1.84 0.00	30.56 1.87 0.00	35.26 2.46 0.00	52.98 3.12 -11.84	73.15 3.15 -32.05	58.82 3.14 -18.29	41.16 2.40 -4.54	35.35 1.83 -4.01	32.36 1.54 -3.33	34.16 0.97 -14.18	33.14 1.04 -12.09	33.43 0.91 -12.85	33.60 1.03 -11.18	41.53 0.99 -20.44	50.28 1.70 -17.07	64.65 2.14 -25.61	53.99 1.97 -17.38	42.99 1.57 -12.78	42.62 1.10 -19.43	41.69 0.67 -24.97	37.06 0.67 -18.30
GARDENVILLE___LBMP 24039	33.93 0.44 0.00	29.48 0.44 0.00	28.88 0.37 0.00	28.57 0.31 0.00	29.21 0.52 0.00	33.19 0.39 0.00	40.42 -0.15 -2.54	43.81 -1.02 -6.89	40.69 -0.56 -3.86	34.80 -0.38 -0.96	29.79 -0.56 -0.85	28.00 -0.19 -0.70	21.82 -0.19 -2.99	22.50 -0.06 -2.55	22.31 -0.08 -2.71	23.45 -0.30 -2.36	24.08 -0.34 -4.31	34.32 -0.85 -3.67	40.82 -1.59 -5.50	37.27 -1.11 -3.73	30.66 -0.72 -2.75	25.69 -0.57 -4.18	21.27 -0.14 -5.37	21.86 -0.16 -3.93
GARDNVLA_35_KV_LD 355827	34.10 0.60 0.00	29.65 0.61 0.00	29.03 0.51 0.00	28.74 0.48 0.00	29.38 0.69 0.00	33.39 0.59 0.00	40.61 0.04 -2.54	44.00 -0.83 -6.89	40.88 -0.37 -3.86	34.97 -0.21 -0.96	29.94 -0.41 -0.85	28.17 -0.03 -0.70	21.91 -0.10 -2.99	22.60 0.04 -2.55	22.41 0.02 -2.71	23.54 -0.21 -2.36	24.18 -0.24 -4.32	34.48 -0.69 -3.67	41.01 -1.40 -5.50	37.44 -0.94 -3.74	30.81 -0.57 -2.75	25.80 -0.46 -4.18	21.35 -0.06 -5.37	21.95 -0.07 -3.93
GELCKHM___115KV_LOAD 80723	33.56 0.07 0.00	29.13 0.09 0.00	28.57 0.06 0.00	28.32 0.06 0.00	28.72 0.03 0.00	32.77 -0.03 0.00	40.02 0.08 -1.92	43.18 0.04 -5.20	40.38 0.07 -2.92	34.94 0.00 -0.73	30.14 0.00 -0.64	28.11 0.08 -0.53	21.40 0.11 -2.27	22.10 0.16 -1.93	21.91 0.18 -2.05	23.37 0.19 -1.79	23.51 0.14 -3.27	34.46 0.19 -2.77	41.17 0.11 -4.15	37.67 0.21 -2.82	30.85 0.14 -2.07	25.35 0.11 -3.15	20.21 0.11 -4.05	21.17 0.11 -2.97
GENERAL___MILLS 23808	34.03 0.54 0.00	29.59 0.55 0.00	28.97 0.46 0.00	28.68 0.42 0.00	29.33 0.63 0.00	33.32 0.52 0.00	40.53 -0.04 -2.54	43.93 -0.91 -6.89	40.80 -0.45 -3.86	34.87 -0.31 -0.96	29.88 -0.47 -0.85	28.09 -0.11 -0.70	21.86 -0.15 -2.99	22.56 0.00 -2.55	22.37 -0.02 -2.71	23.49 -0.26 -2.36	24.14 -0.28 -4.32	34.42 -0.76 -3.67	40.93 -1.48 -5.50	37.37 -1.00 -3.74	30.72 -0.66 -2.75	25.75 -0.51 -4.18	21.30 -0.11 -5.37	21.90 -0.13 -3.93
GE_PLASTICS___DRP 24183	34.63 1.14 0.00	29.97 0.93 0.00	29.48 0.97 0.00	29.28 1.02 0.00	29.73 1.03 0.00	34.11 1.31 0.00	50.85 1.48 -11.34	70.10 1.44 -30.71	56.32 1.42 -17.51	39.84 1.27 -4.35	34.41 1.06 -3.84	31.70 1.02 -3.19	33.18 0.59 -13.58	32.23 0.64 -11.58	32.63 0.65 -12.31	32.80 0.71 -10.71	40.33 0.64 -19.58	48.93 1.07 -16.35	62.65 1.22 -24.53	52.43 1.14 -16.65	41.85 0.97 -12.25	41.43 0.73 -18.61	40.46 0.50 -23.92	36.18 0.56 -17.53
GILBOA___1 23756	34.77 1.27 0.00	30.08 1.04 0.00	29.57 1.06 0.00	29.33 1.07 0.00	29.84 1.15 0.00	34.21 1.41 0.00	48.89 1.63 -9.23	64.46 1.52 -24.99	53.15 1.50 -14.26	39.23 1.47 -3.54	33.90 1.27 -3.13	31.27 1.18 -2.60	30.83 0.76 -11.06	30.24 0.80 -9.43	30.49 0.79 -10.02	30.94 0.83 -8.72	36.81 0.76 -15.94	45.98 1.17 -13.31	58.05 1.18 -19.96	49.40 1.21 -13.55	39.68 1.09 -9.97	38.07 0.84 -15.15	36.11 0.59 -19.47	33.02 0.67 -14.27
GILBOA___2 23757	34.77 1.27 0.00	30.08 1.04 0.00	29.57 1.06 0.00	29.33 1.07 0.00	29.84 1.15 0.00	34.21 1.41 0.00	48.89 1.63 -9.23	64.46 1.52 -24.99	53.15 1.50 -14.26	39.23 1.47 -3.54	33.90 1.27 -3.13	31.27 1.18 -2.60	30.83 0.76 -11.06	30.24 0.80 -9.43	30.49 0.79 -10.02	30.94 0.83 -8.72	36.81 0.76 -15.94	45.98 1.17 -13.31	58.05 1.18 -19.96	49.40 1.21 -13.55	39.68 1.09 -9.97	38.07 0.84 -15.15	36.11 0.59 -19.47	33.02 0.67 -14.27
GILBOA___3 23758	34.77 1.27 0.00	30.08 1.04 0.00	29.57 1.06 0.00	29.33 1.07 0.00	29.84 1.15 0.00	34.21 1.41 0.00	48.89 1.63 -9.23	64.46 1.52 -24.99	53.15 1.50 -14.26	39.23 1.47 -3.54	33.90 1.27 -3.13	31.27 1.18 -2.60	30.83 0.76 -11.06	30.24 0.80 -9.43	30.49 0.79 -10.02	30.94 0.83 -8.72	36.81 0.76 -15.94	45.98 1.17 -13.31	58.05 1.18 -19.96	49.40 1.21 -13.55	39.68 1.09 -9.97	38.07 0.84 -15.15	36.11 0.59 -19.47	33.02 0.67 -14.27
GILBOA___4 23759	34.77 1.27 0.00	30.08 1.04 0.00	29.57 1.06 0.00	29.33 1.07 0.00	29.84 1.15 0.00	34.21 1.41 0.00	48.89 1.63 -9.23	64.46 1.52 -24.99	53.15 1.50 -14.26	39.23 1.47 -3.54	33.90 1.27 -3.13	31.27 1.18 -2.60	30.83 0.76 -11.06	30.24 0.80 -9.43	30.49 0.79 -10.02	30.94 0.83 -8.72	36.81 0.76 -15.94	45.98 1.17 -13.31	58.05 1.18 -19.96	49.40 1.21 -13.55	39.68 1.09 -9.97	38.07 0.84 -15.15	36.11 0.59 -19.47	33.02 0.67 -14.27
GILBOA____ 23599	34.77 1.27 0.00	30.09 1.05 0.00	29.57 1.05 0.00	29.33 1.07 0.00	29.84 1.15 0.00	34.21 1.41 0.00	48.89 1.64 -9.23	64.46 1.52 -24.99	53.14 1.50 -14.26	39.23 1.47 -3.54	33.90 1.27 -3.13	31.27 1.18 -2.60	30.83 0.76 -11.06	30.24 0.80 -9.43	30.48 0.79 -10.02	30.94 0.83 -8.72	36.81 0.76 -15.94	45.98 1.17 -13.31	58.05 1.18 -19.96	49.40 1.21 -13.55	39.68 1.09 -9.97	38.07 0.84 -15.15	36.11 0.59 -19.47	33.02 0.67 -14.27

GINNA____ 23603	31.89 -1.61 0.00	27.73 -1.31 0.00	27.14 -1.37 0.00	26.76 -1.50 0.00	27.35 -1.35 0.00	31.23 -1.57 0.00	38.67 -1.52 -2.17	42.03 -1.78 -5.86	39.22 -1.46 -3.29	33.77 -1.27 -0.82	28.87 -1.36 -0.72	26.91 -1.18 -0.60	20.79 -0.78 -2.55	21.43 -0.76 -2.18	21.28 -0.71 -2.31	22.57 -0.83 -2.01	22.92 -0.86 -3.68	33.31 -1.32 -3.12	39.71 -1.88 -4.68	36.23 -1.59 -3.18	29.65 -1.32 -2.34	24.60 -1.04 -3.55	19.92 -0.69 -4.57	20.68 -0.76 -3.35
GLEN PARK____ 23778	33.73 0.24 0.00	29.27 0.23 0.00	28.66 0.14 0.00	28.49 0.23 0.00	28.92 0.23 0.00	33.00 0.20 0.00	39.77 0.69 -1.06	41.51 0.68 -2.88	39.34 0.34 -1.62	34.66 0.03 -0.40	29.53 -0.32 -0.36	27.38 -0.41 -0.30	19.97 -0.30 -1.26	20.74 -0.34 -1.07	20.48 -0.33 -1.14	22.17 -0.21 -0.99	21.86 -0.06 -1.81	33.39 0.35 -1.53	39.91 0.70 -2.30	36.69 0.48 -1.56	30.21 0.43 -1.15	24.14 0.31 -1.75	18.45 0.16 -2.24	19.90 0.16 -1.64
GLENDALÉ_27_KV_LOAD 356172	36.34 2.85 0.00	31.31 2.27 0.00	30.74 2.22 0.00	30.46 2.20 0.00	31.08 2.38 0.00	35.82 3.02 0.00	50.47 3.16 -9.29	66.29 3.19 -25.16	54.81 3.07 -14.35	41.03 3.25 -3.57	35.72 3.07 -3.15	32.91 2.80 -2.61	31.99 1.84 -11.13	31.42 1.92 -9.49	31.57 1.81 -10.08	32.13 1.97 -8.78	37.96 1.81 -16.04	47.23 2.33 -13.40	59.77 2.77 -20.10	50.98 2.70 -13.64	40.81 2.15 -10.03	39.13 1.79 -15.25	37.02 1.38 -19.60	33.99 1.54 -14.36
GLENWOOD_IC_1_G5 23712	37.45 3.22 -0.74	35.41 2.56 -3.81	32.55 2.51 -1.53	32.05 2.49 -1.30	35.27 2.73 -3.85	38.79 3.38 -2.61	51.12 3.80 -9.29	66.93 3.83 -25.15	55.63 3.89 -14.35	47.77 3.76 -9.79	42.31 3.36 -9.44	38.61 3.05 -8.07	35.41 2.02 -14.38	34.01 2.12 -11.88	34.39 2.03 -12.68	40.06 2.18 -16.49	42.93 2.05 -20.78	63.04 2.99 -28.54	81.25 3.62 -40.73	65.65 3.43 -27.58	51.13 2.78 -19.72	48.87 2.21 -24.57	44.36 1.57 -26.74	41.16 1.70 -21.37
GLENWOOD_IC_2_G1 23688	37.36 3.12 -0.74	35.33 2.47 -3.82	32.47 2.42 -1.54	32.06 2.49 -1.31	35.19 2.64 -3.85	38.69 3.28 -2.62	51.01 3.69 -9.30	66.79 3.68 -25.16	55.52 3.77 -14.36	47.66 3.66 -9.78	42.23 3.27 -9.45	38.51 2.94 -8.07	35.36 1.96 -14.39	33.94 2.04 -11.88	34.34 1.97 -12.69	39.99 2.10 -16.50	42.88 1.99 -20.78	62.92 2.87 -28.54	81.07 3.47 -40.70	65.52 3.29 -27.58	51.02 2.66 -19.73	48.79 2.12 -24.58	44.30 1.51 -26.75	41.12 1.65 -21.38
GLENWOOD_IC_3_G1 23689	37.36 3.12 -0.74	35.33 2.47 -3.82	32.47 2.42 -1.54	32.06 2.49 -1.31	35.19 2.64 -3.85	38.69 3.28 -2.62	51.01 3.69 -9.30	66.79 3.68 -25.16	55.52 3.77 -14.36	47.66 3.66 -9.78	42.23 3.27 -9.45	38.51 2.94 -8.07	35.36 1.96 -14.39	33.94 2.04 -11.88	34.34 1.97 -12.69	39.99 2.10 -16.50	42.88 1.99 -20.78	62.92 2.87 -28.54	81.07 3.47 -40.70	65.52 3.29 -27.58	51.02 2.66 -19.73	48.79 2.12 -24.58	44.30 1.51 -26.75	41.12 1.65 -21.38
GLENWOOD____4 23550	37.45 3.22 -0.74	35.41 2.56 -3.81	32.55 2.51 -1.53	32.05 2.49 -1.30	35.27 2.73 -3.85	38.79 3.38 -2.61	51.12 3.80 -9.29	66.93 3.83 -25.15	55.63 3.89 -14.35	47.77 3.76 -9.79	42.31 3.36 -9.44	38.61 3.05 -8.07	35.41 2.02 -14.38	34.01 2.12 -11.88	34.39 2.03 -12.68	40.06 2.18 -16.49	42.93 2.05 -20.78	63.04 2.99 -28.54	81.25 3.62 -40.73	65.65 3.43 -27.58	51.13 2.78 -19.72	48.87 2.21 -24.57	44.36 1.57 -26.74	41.16 1.70 -21.37
GLENWOOD____5 23614	37.45 3.22 -0.74	35.41 2.56 -3.81	32.55 2.51 -1.53	32.05 2.49 -1.30	35.27 2.73 -3.85	38.79 3.38 -2.61	51.12 3.80 -9.29	66.93 3.83 -25.15	55.63 3.89 -14.35	47.77 3.76 -9.79	42.31 3.36 -9.44	38.61 3.05 -8.07	35.41 2.02 -14.38	34.01 2.12 -11.88	34.39 2.03 -12.68	40.06 2.18 -16.49	42.93 2.05 -20.78	63.04 2.99 -28.54	81.25 3.62 -40.73	65.65 3.43 -27.58	51.13 2.78 -19.72	48.87 2.21 -24.57	44.36 1.57 -26.74	41.16 1.70 -21.37
GLOBAL GREEN_PORT_GT1 23814	40.31 6.06 -0.75	37.92 5.05 -3.82	35.36 5.30 -1.54	35.05 5.48 -1.31	38.09 5.54 -3.86	41.39 5.97 -2.62	54.71 7.38 -9.30	70.44 7.33 -25.17	59.27 7.52 -14.37	52.17 6.23 -11.72	45.60 6.64 -9.46	41.62 6.05 -8.08	37.40 3.99 -14.39	36.08 4.18 -11.89	36.59 4.21 -12.70	42.45 4.56 -16.51	45.12 4.22 -20.79	66.17 6.11 -28.55	90.03 6.31 -46.82	68.99 6.76 -27.59	53.92 5.56 -19.74	50.98 4.31 -24.59	45.93 3.13 -26.76	43.08 3.60 -21.39
GLOBE____DSASP 323697	32.56 -0.94 0.00	28.31 -0.73 0.00	27.71 -0.80 0.00	27.44 -0.82 0.00	28.03 -0.66 0.00	31.85 -0.95 0.00	39.09 -1.37 -2.44	41.93 -2.62 -6.60	39.09 -1.98 -3.69	33.60 -1.54 -0.92	28.72 -1.59 -0.81	27.09 -1.07 -0.67	21.11 -0.76 -2.86	21.77 -0.68 -2.44	21.60 -0.67 -2.59	22.70 -0.94 -2.26	23.30 -0.92 -4.12	33.10 -1.92 -3.52	39.23 -2.95 -5.28	35.87 -2.36 -3.58	29.60 -1.66 -2.63	24.79 -1.30 -4.00	20.56 -0.63 -5.14	21.24 -0.62 -3.77
GOETHSLN____LBMP 323567	35.94 2.45 0.00	30.96 1.92 0.00	30.39 1.88 0.00	30.13 1.87 0.00	30.73 2.04 0.00	35.42 2.62 0.00	50.20 2.89 -9.29	66.06 2.96 -25.16	54.66 2.92 -14.35	40.79 3.01 -3.57	35.45 2.80 -3.15	32.64 2.53 -2.61	31.82 1.67 -11.13	31.24 1.74 -9.49	31.39 1.63 -10.08	31.90 1.73 -8.78	37.74 1.59 -16.04	46.98 2.08 -13.40	59.55 2.55 -20.10	50.71 2.42 -13.64	40.64 1.98 -10.03	38.97 1.63 -15.25	36.83 1.19 -19.60	33.77 1.32 -14.36
GOLAH____69_KV_TB 1_2 80279	33.73 0.23 0.00	29.33 0.29 0.00	28.71 0.20 0.00	28.40 0.14 0.00	28.98 0.29 0.00	33.03 0.23 0.00	40.61 0.38 -2.21	43.82 -0.11 -5.99	40.93 0.19 -3.36	35.29 0.24 -0.83	30.18 -0.06 -0.74	28.22 0.11 -0.61	21.71 0.10 -2.60	22.39 0.16 -2.22	22.21 0.18 -2.36	23.51 0.06 -2.05	23.88 0.02 -3.75	34.63 -0.06 -3.19	41.17 -0.52 -4.78	37.68 -0.21 -3.25	30.93 -0.09 -2.39	25.65 -0.07 -3.63	20.85 0.14 -4.66	21.67 0.16 -3.42
GOODYEAR_LAKE_HYD 323669	35.37 1.88 0.00	30.64 1.60 0.00	30.05 1.54 0.00	29.81 1.55 0.00	30.42 1.72 0.00	34.87 2.07 0.00	43.62 2.62 -2.98	48.59 2.58 -8.06	44.47 2.06 -5.03	37.31 1.85 -1.25	32.05 1.45 -1.10	29.70 1.29 -0.92	23.77 0.86 -3.90	24.23 0.90 -3.32	24.07 0.87 -3.53	25.40 0.94 -3.07	26.65 0.92 -5.62	37.66 1.86 -4.29	45.49 2.14 -6.44	41.09 2.08 -4.37	33.56 1.72 -3.22	28.26 1.28 -4.89	23.19 0.87 -6.28	23.65 0.96 -4.60
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	34.47 0.97 0.00	29.91 0.87 0.00	29.34 0.83 0.00	29.08 0.82 0.00	29.61 0.92 0.00	33.82 1.02 0.00	43.07 1.14 -3.91	49.56 1.02 -10.59	44.39 1.12 -5.88	36.64 0.96 -1.46	31.56 0.77 -1.29	29.33 0.77 -1.07	24.07 0.49 -4.56	24.48 0.58 -3.88	24.36 0.55 -4.13	25.56 0.58 -3.59	27.18 0.50 -6.57	37.84 0.69 -5.64	46.03 0.66 -8.46	41.18 0.80 -5.74	33.51 0.66 -4.22	28.99 0.49 -6.42	24.70 0.40 -8.25	24.59 0.45 -6.04
GOUDEY____7 23579	34.50 1.00 0.00	29.94 0.90 0.00	29.37 0.86 0.00	29.11 0.85 0.00	29.64 0.95 0.00	33.85 1.05 0.00	43.11 1.18 -3.91	49.60 1.06 -10.59	44.42 1.16 -5.88	36.67 0.99 -1.46	31.59 0.80 -1.29	29.36 0.80 -1.07	24.08 0.51 -4.56	24.50 0.60 -3.88	24.38 0.57 -4.13	25.60 0.62 -3.59	27.22 0.54 -6.57	37.87 0.72 -5.64	46.07 0.70 -8.46	41.21 0.83 -5.74	33.57 0.72 -4.22	29.04 0.53 -6.42	24.71 0.42 -8.25	24.60 0.47 -6.04

GOUDEY___8	34.47	29.91	29.34	29.08	29.61	33.82	43.07	49.56	44.39	36.64	31.56	29.33	24.07	24.48	24.36	25.56	27.18	37.84	46.03	41.18	33.51	28.99	24.70	24.59
23580	0.97	0.87	0.83	0.82	0.92	1.02	1.14	1.02	1.12	0.96	0.77	0.77	0.49	0.58	0.55	0.58	0.50	0.69	0.66	0.80	0.66	0.49	0.40	0.45
	0.00	0.00	0.00	0.00	0.00	0.00	-3.91	-10.59	-5.88	-1.46	-1.29	-1.07	-4.56	-3.88	-4.13	-3.59	-6.57	-5.64	-8.46	-5.74	-4.22	-6.42	-8.25	-6.04
GOWANUS_GT1_1	36.41	31.33	30.77	30.46	31.08	35.82	50.28	66.14	54.66	40.90	35.69	32.88	31.97	31.40	31.55	32.11	37.96	47.20	59.73	50.95	40.72	39.13	37.04	34.01
24077	2.91	2.29	2.25	2.20	2.38	3.02	2.97	3.04	2.92	3.11	3.04	2.78	1.83	1.90	1.79	1.95	1.81	2.30	2.73	2.67	2.06	1.79	1.40	1.56
	0.00	0.00	0.00	0.00	0.00	0.00	-9.29	-25.16	-14.35	-3.57	-3.15	-2.61	-11.13	-9.49	-10.08	-8.78	-16.04	-13.40	-20.10	-13.64	-10.03	-15.25	-19.60	-14.36
GOWANUS_GT1_2	36.41	31.33	30.77	30.46	31.08	35.82	50.28	66.14	54.66	40.90	35.69	32.88	31.97	31.40	31.55	32.11	37.96	47.20	59.73	50.95	40.72	39.13	37.04	34.01
24078	2.91	2.29	2.25	2.20	2.38	3.02	2.97	3.04	2.92	3.11	3.04	2.78	1.83	1.90	1.79	1.95	1.81	2.30	2.73	2.67	2.06	1.79	1.40	1.56
	0.00	0.00	0.00	0.00	0.00	0.00	-9.29	-25.16	-14.35	-3.57	-3.15	-2.61	-11.13	-9.49	-10.08	-8.78	-16.04	-13.40	-20.10	-13.64	-10.03	-15.25	-19.60	-14.36
GOWANUS_GT1_3	36.41	31.33	30.77	30.46	31.08	35.82	50.28	66.14	54.66	40.90	35.69	32.88	31.97	31.40	31.55	32.11	37.96	47.20	59.73	50.95	40.72	39.13	37.04	34.01
24079	2.91	2.29	2.25	2.20	2.38	3.02	2.97	3.04	2.92	3.11	3.04	2.78	1.83	1.90	1.79	1.95	1.81	2.30	2.73	2.67	2.06	1.79	1.40	1.56
	0.00	0.00	0.00	0.00	0.00	0.00	-9.29	-25.16	-14.35	-3.57	-3.15	-2.61	-11.13	-9.49	-10.08	-8.78	-16.04	-13.40	-20.10	-13.64	-10.03	-15.25	-19.60	-14.36
GOWANUS_GT1_4	36.41	31.33	30.77	30.46	31.08	35.82	50.28	66.14	54.66	40.90	35.69	32.88	31.97	31.40	31.55	32.11	37.96	47.20	59.73	50.95	40.72	39.13	37.04	34.01
24080	2.91	2.29	2.25	2.20	2.38	3.02	2.97	3.04	2.92	3.11	3.04	2.78	1.83	1.90	1.79	1.95	1.81	2.30	2.73	2.67	2.06	1.79	1.40	1.56
	0.00	0.00	0.00	0.00	0.00	0.00	-9.29	-25.16	-14.35	-3.57	-3.15	-2.61	-11.13	-9.49	-10.08	-8.78	-16.04	-13.40	-20.10	-13.64	-10.03	-15.25	-19.60	-14.36
GOWANUS_GT1_5	36.41	31.33	30.77	30.46	31.08	35.82	50.28	66.14	54.66	40.90	35.69	32.88	31.97	31.40	31.55	32.11	37.96	47.20	59.73	50.95	40.72	39.13	37.04	34.01
24084	2.91	2.29	2.25	2.20	2.38	3.02	2.97	3.04	2.92	3.11	3.04	2.78	1.83	1.90	1.79	1.95	1.81	2.30	2.73	2.67	2.06	1.79	1.40	1.56
	0.0																							

GOWANUS_GT2_7 24120	36.42 2.91 -0.01	31.34 2.29 -0.01	30.75 2.23 -0.01	30.53 2.26 -0.01	31.08 2.38 -0.01	35.82 3.02 -0.01	50.36 3.04 -9.29	66.22 3.11 -25.16	54.77 3.03 -14.35	40.97 3.18 -3.57	35.72 3.07 -3.15	32.88 2.78 -2.61	31.97 1.83 -11.13	31.40 1.90 -9.49	31.55 1.79 -10.08	32.11 1.95 -8.78	37.96 1.81 -16.04	47.20 2.30 -13.40	59.73 2.73 -20.10	50.95 2.67 -13.64	40.73 2.06 -10.03	39.12 1.79 -15.25	37.04 1.40 -19.60	34.01 1.56 -14.37
GOWANUS_GT2_8 24121	36.42 2.91 -0.01	31.34 2.29 -0.01	30.75 2.23 -0.01	30.53 2.26 -0.01	31.08 2.38 -0.01	35.82 3.02 -0.01	50.36 3.04 -9.29	66.22 3.11 -25.16	54.77 3.03 -14.35	40.97 3.18 -3.57	35.72 3.07 -3.15	32.88 2.78 -2.61	31.97 1.83 -11.13	31.40 1.90 -9.49	31.55 1.79 -10.08	32.11 1.95 -8.78	37.96 1.81 -16.04	47.20 2.30 -13.40	59.73 2.73 -20.10	50.95 2.67 -13.64	40.73 2.06 -10.03	39.12 1.79 -15.25	37.04 1.40 -19.60	34.01 1.56 -14.37
GOWANUS_GT3_1 24122	36.42 2.91 -0.01	31.34 2.29 -0.01	30.75 2.23 -0.01	30.53 2.26 -0.01	31.08 2.38 -0.01	35.82 3.02 -0.01	50.36 3.04 -9.29	66.22 3.11 -25.16	54.77 3.03 -14.35	40.97 3.18 -3.57	35.72 3.07 -3.15	32.88 2.78 -2.61	31.97 1.83 -11.13	31.40 1.90 -9.49	31.55 1.79 -10.08	32.11 1.95 -8.78	37.96 1.81 -16.04	47.20 2.30 -13.40	59.73 2.73 -20.10	50.95 2.67 -13.64	40.73 2.06 -10.03	39.12 1.79 -15.25	37.04 1.40 -19.60	34.01 1.56 -14.37
GOWANUS_GT3_2 24123	36.42 2.91 -0.01	31.34 2.29 -0.01	30.75 2.23 -0.01	30.53 2.26 -0.01	31.08 2.38 -0.01	35.82 3.02 -0.01	50.36 3.04 -9.29	66.22 3.11 -25.16	54.77 3.03 -14.35	40.97 3.18 -3.57	35.72 3.07 -3.15	32.88 2.78 -2.61	31.97 1.83 -11.13	31.40 1.90 -9.49	31.55 1.79 -10.08	32.11 1.95 -8.78	37.96 1.81 -16.04	47.20 2.30 -13.40	59.73 2.73 -20.10	50.95 2.67 -13.64	40.73 2.06 -10.03	39.12 1.79 -15.25	37.04 1.40 -19.60	34.01 1.56 -14.37
GOWANUS_GT3_3 24124	36.42 2.91 -0.01	31.34 2.29 -0.01	30.75 2.23 -0.01	30.53 2.26 -0.01	31.08 2.38 -0.01	35.82 3.02 -0.01	50.36 3.04 -9.29	66.22 3.11 -25.16	54.77 3.03 -14.35	40.97 3.18 -3.57	35.72 3.07 -3.15	32.88 2.78 -2.61	31.97 1.83 -11.13	31.40 1.90 -9.49	31.55 1.79 -10.08	32.11 1.95 -8.78	37.96 1.81 -16.04	47.20 2.30 -13.40	59.73 2.73 -20.10	50.95 2.67 -13.64	40.73 2.06 -10.03	39.12 1.79 -15.25	37.04 1.40 -19.60	34.01 1.56 -14.37
GOWANUS_GT3_4 24125	36.42 2.91 -0.01	31.34 2.29 -0.01	30.75 2.23 -0.01	30.53 2.26 -0.01	31.08 2.38 -0.01	35.82 3.02 -0.01	50.36 3.04 -9.29	66.22 3.11 -25.16	54.77 3.03 -14.35	40.97 3.18 -3.57	35.72 3.07 -3.15	32.88 2.78 -2.61	31.97 1.83 -11.13	31.40 1.90 -9.49	31.55 1.79 -10.08	32.11 1.95 -8.78	37.96 1.81 -16.04	47.20 2.30 -13.40	59.73 2.73 -20.10	50.95 2.67 -13.64	40.73 2.06 -10.03	39.12 1.79 -15.25	37.04 1.40 -19.60	34.01 1.56 -14.37
GOWANUS_GT3_5 24126	36.42 2.91 -0.01	31.34 2.29 -0.01	30.75 2.23 -0.01	30.53 2.26 -0.01	31.08 2.38 -0.01	35.82 3.02 -0.01	50.36 3.04 -9.29	66.22 3.11 -25.16	54.77 3.03 -14.35	40.97 3.18 -3.57	35.72 3.07 -3.15	32.88 2.78 -2.61	31.97 1.83 -11.13	31.40 1.90 -9.49	31.55 1.79 -10.08	32.11 1.95 -8.78	37.96 1.81 -16.04	47.20 2.30 -13.40	59.73 2.73 -20.10	50.95 2.67 -13.64	40.73 2.06 -10.03	39.12 1.79 -15.25	37.04 1.40 -19.60	34.01 1.

GOWANUS_GT4_6 24135	36.41 2.91 0.00	31.33 2.29 0.00	30.77 2.25 0.00	30.46 2.20 0.00	31.08 2.38 0.00	35.82 3.02 0.00	50.28 2.97 -9.29	66.14 3.04 -25.16	54.66 2.92 -14.35	40.90 3.11 -3.57	35.69 3.04 -3.15	32.88 2.78 -2.61	31.97 1.83 -11.13	31.40 1.90 -9.49	31.55 1.79 -10.08	32.11 1.95 -8.78	37.96 1.81 -16.04	47.20 2.30 -13.40	59.73 2.73 -20.10	50.95 2.67 -13.64	40.72 2.06 -10.03	39.13 1.79 -15.25	37.04 1.40 -19.60	34.01 1.56 -14.36
GOWANUS_GT4_7 24136	36.41 2.91 0.00	31.33 2.29 0.00	30.77 2.25 0.00	30.46 2.20 0.00	31.08 2.38 0.00	35.82 3.02 0.00	50.28 2.97 -9.29	66.14 3.04 -25.16	54.66 2.92 -14.35	40.90 3.11 -3.57	35.69 3.04 -3.15	32.88 2.78 -2.61	31.97 1.83 -11.13	31.40 1.90 -9.49	31.55 1.79 -10.08	32.11 1.95 -8.78	37.96 1.81 -16.04	47.20 2.30 -13.40	59.73 2.73 -20.10	50.95 2.67 -13.64	40.72 2.06 -10.03	39.13 1.79 -15.25	37.04 1.40 -19.60	34.01 1.56 -14.36
GOWANUS_GT4_8 24137	36.41 2.91 0.00	31.33 2.29 0.00	30.77 2.25 0.00	30.46 2.20 0.00	31.08 2.38 0.00	35.82 3.02 0.00	50.28 2.97 -9.29	66.14 3.04 -25.16	54.66 2.92 -14.35	40.90 3.11 -3.57	35.69 3.04 -3.15	32.88 2.78 -2.61	31.97 1.83 -11.13	31.40 1.90 -9.49	31.55 1.79 -10.08	32.11 1.95 -8.78	37.96 1.81 -16.04	47.20 2.30 -13.40	59.73 2.73 -20.10	50.95 2.67 -13.64	40.72 2.06 -10.03	39.13 1.79 -15.25	37.04 1.40 -19.60	34.01 1.56 -14.36
GREENBSH_115KV_TB3 55895	34.37 0.87 0.00	29.74 0.70 0.00	29.25 0.74 0.00	29.11 0.85 0.00	29.53 0.83 0.00	33.91 1.12 0.00	50.73 1.29 -11.41	70.06 1.21 -30.89	56.21 1.20 -17.62	39.62 1.03 -4.38	34.20 0.83 -3.87	31.56 0.85 -3.21	33.11 0.44 -13.66	32.14 0.48 -11.65	32.55 0.49 -12.38	32.72 0.56 -10.78	40.33 0.52 -19.70	48.84 0.88 -16.45	62.62 1.03 -24.68	52.33 0.94 -16.75	41.75 0.80 -12.32	41.39 0.57 -18.73	40.48 0.37 -24.06	36.16 0.43 -17.63
GREENDGE_115KV_TB5 80291	34.53 1.04 0.00	30.03 0.99 0.00	29.45 0.94 0.00	29.16 0.90 0.00	29.76 1.06 0.00	33.98 1.18 0.00	42.36 1.48 -2.85	46.66 0.99 -7.73	42.89 1.16 -4.34	36.32 1.03 -1.08	31.19 0.74 -0.95	29.00 0.71 -0.79	22.84 0.46 -3.37	23.44 0.56 -2.87	23.30 0.57 -3.05	24.68 0.64 -2.66	25.50 0.54 -4.85	36.50 0.88 -4.11	43.93 0.85 -6.17	39.77 0.94 -4.19	32.46 0.74 -3.08	27.28 0.51 -4.68	22.48 0.42 -6.02	22.97 0.47 -4.41
GREENIDGE___3 23582	34.53 1.04 0.00	30.03 0.99 0.00	29.45 0.94 0.00	29.16 0.90 0.00	29.76 1.06 0.00	33.98 1.18 0.00	42.36 1.48 -2.85	46.66 0.99 -7.73	42.89 1.16 -4.34	36.32 1.03 -1.08	31.19 0.74 -0.95	29.00 0.71 -0.79	22.84 0.46 -3.37	23.44 0.56 -2.87	23.30 0.57 -3.05	24.68 0.64 -2.66	25.50 0.54 -4.85	36.50 0.88 -4.11	43.93 0.85 -6.17	39.77 0.94 -4.19	32.46 0.74 -3.08	27.28 0.51 -4.68	22.48 0.42 -6.02	22.97 0.47 -4.41
GREENIDGE___4 23583	34.54 1.04 0.00	30.08 1.04 0.00	29.45 0.94 0.00	29.05 0.79 0.00	29.76 1.06 0.00	33.98 1.18 0.00	42.36 1.48 -2.85	46.58 0.91 -7.73	42.89 1.16 -4.34	36.32 1.03 -1.08	31.19 0.74 -0.95	29.00 0.71 -0.79	22.84 0.46 -3.37	23.44 0.56 -2.87	23.30 0.57 -3.05	24.68 0.64 -2.66	25.50 0.54 -4.85	36.50 0.88 -4.11	43.93 0.85 -6.17	39.77 0.94 -4.19	32.45 0.74 -3.08	27.28 0.51 -4.68	22.48 0.42 -6.02	22.97 0.47 -4.41
GREENLWN_69_KV_BK 3 55738	37.76 3.52 -0.74	35.68 2.82 -3.82	32.84 2.79 -1.53	32.34 2.77 -1.31	35.56 3.01 -3.85	39.09 3.67 -2.61	51.39 4.07 -9.29	67.20 4.10 -25.16	55.85 4.11 -14.35	47.84 4.04 -9.58	42.55 3.60 -9.45	38.86 3.30 -8.07	35.60 2.21 -14.38	34.20 2.30 -11.88	34.59 2.22 -12.69	40.26 2.37 -16.50	43.12 2.23 -20.78	63.26 3.21 -28.54	80.82 3.84 -40.08	65.90 3.67 -27.58	51.33 2.98 -19.73	49.00 2.34 -24.58	44.48 1.68 -26.75	41.33 1.86 -21.38
GREENWD_138_KV_38B11_REV_LBMP_J 345004	36.41 2.91 0.00	31.33 2.29 0.00	30.77 2.25 0.00	30.46 2.20 0.00	31.08 2.38 0.00	35.82 3.02 0.00	50.28 2.97 -9.29	66.14 3.04 -25.16	54.66 2.92 -14.35	40.90 3.11 -3.57	35.69 3.04 -3.15	32.88 2.78 -2.61	31.97 1.83 -11.13	31.40 1.90 -9.49	31.55 1.79 -10.08	32.11 1.95 -8.78	37.96 1.81 -16.04	47.20 2.30 -13.40	59.73 2.73 -20.10	50.95 2.67 -13.64	40.72 2.06 -10.03	39.13 1.79 -15.25	37.04 1.40 -19.60	34.01 1.56 -14.36
GRISSOM___SOLAR 323813	36.34 2.85 0.00	31.80 2.76 0.00	31.25 2.74 0.00	30.80 2.54 0.00	31.36 2.67 0.00	36.21 3.41 0.00	56.33 4.52 -13.78	79.82 4.55 -37.32	62.98 4.22 -21.37	42.85 3.32 -5.31	36.94 2.74 -4.69	33.70 2.31 -3.89	37.09 1.50 -16.57	35.82 1.68 -14.13	36.33 1.63 -15.02	36.34 1.88 -13.07	45.64 1.65 -23.89	54.47 3.09 -19.87	70.41 3.69 -29.81	58.34 3.46 -20.23	46.35 2.83 -14.88	46.76 2.05 -22.62	46.40 1.28 -29.07	40.88 1.48 -21.30
GROVEVILLE___HYD 323602	36.08 2.58 0.00	31.10 2.06 0.00	30.54 2.02 0.00	30.27 2.01 0.00	30.85 2.15 0.00	35.39 2.59 0.00	50.29 3.04 -9.22	66.03 3.11 -24.97	54.62 2.99 -14.24	40.53 2.77 -3.54	34.99 2.36 -3.13	32.18 2.09 -2.59	31.45 1.39 -11.04	30.87 1.44 -9.42	31.10 1.42 -10.01	31.60 1.50 -8.71	37.46 1.43 -15.92	47.01 2.21 -13.30	59.58 2.73 -19.94	50.74 2.56 -13.54	40.65 2.06 -9.96	38.83 1.61 -15.14	36.62 1.12 -19.45	33.55 1.21 -14.25
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	33.90 0.40 0.00	29.45 0.41 0.00	28.88 0.37 0.00	28.63 0.37 0.00	29.04 0.34 0.00	33.16 0.36 0.00	40.59 0.53 -2.04	43.96 0.49 -5.52	41.01 0.52 -3.10	35.40 0.41 -0.77	30.51 0.32 -0.68	28.41 0.36 -0.56	21.72 0.30 -2.40	22.42 0.36 -2.05	22.23 0.37 -2.17	23.69 0.41 -1.89	23.89 0.32 -3.46	34.98 0.54 -2.94	41.83 0.52 -4.41	38.19 0.55 -2.99	31.26 0.43 -2.20	25.76 0.33 -3.34	20.62 0.27 -4.30	21.53 0.29 -3.15
HAMLTNNY_34_KV_TB 80303	34.17 0.67 0.00	29.62 0.58 0.00	29.05 0.54 0.00	28.80 0.54 0.00	29.30 0.60 0.00	33.45 0.66 0.00	41.03 0.87 -2.13	44.56 0.83 -5.78	41.52 0.90 -3.24	35.74 0.72 -0.80	30.71 0.50 -0.71	28.61 0.52 -0.59	21.93 0.40 -2.51	22.61 0.46 -2.14	22.43 0.47 -2.28	23.88 0.51 -1.98	24.19 0.46 -3.62	35.34 0.76 -3.08	42.26 0.74 -4.62	38.57 0.80 -3.13	31.57 0.63 -2.31	26.08 0.49 -3.50	20.92 0.37 -4.50	21.77 0.38 -3.30
HAMPSHIRE___PAPER_HYD 323593	33.06 -0.44 0.00	28.72 -0.32 0.00	28.14 -0.37 0.00	27.92 -0.34 0.00	28.29 -0.40 0.00	32.08 -0.72 0.00	37.89 -0.65 -0.51	38.80 -0.53 -1.38	37.31 -0.86 -0.78	33.49 -0.92 -0.19	28.76 -0.91 -0.17	26.65 -0.99 -0.14	18.88 -0.74 -0.60	19.72 -0.80 -0.51	19.44 -0.79 -0.55	21.09 -0.77 -0.48	20.31 -0.66 -0.87	31.45 -0.79 -0.74	37.38 -0.63 -1.10	34.53 -0.86 -0.75	28.58 -0.60 -0.55	22.50 -0.42 -0.84	16.83 -0.29 -1.08	18.64 -0.24 -0.79
HARDSCRABBLE_WT_PWR 323673	34.20 0.70 0.00	29.82 0.78 0.00	29.25 0.74 0.00	28.82 0.56 0.00	29.27 0.57 0.00	33.49 0.69 0.00	39.15 0.91 -0.22	39.38 0.83 -0.59	38.51 0.79 -0.33	35.02 0.72 -0.08	30.28 0.71 -0.07	28.13 0.58 -0.06	19.60 0.32 -0.26	20.49 0.26 -0.22	20.17 0.26 -0.23	21.91 0.32 -0.20	20.76 0.28 -0.37	32.36 0.54 -0.32	38.08 0.70 -0.47	35.55 0.59 -0.32	29.30 0.43 -0.24	22.78 0.33 -0.36	16.73 0.22 -0.46	18.77 0.34 -0.34

HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	35.57 2.08 0.00	30.78 1.74 0.00	30.22 1.71 0.00	29.93 1.67 0.00	30.44 1.75 0.00	34.96 2.16 0.00	48.92 2.55 -8.35	63.20 2.66 -22.60	52.79 2.50 -12.90	39.78 2.36 -3.20	34.49 2.15 -2.83	31.79 1.95 -2.35	30.31 1.29 -10.00	29.90 1.36 -8.53	30.06 1.32 -9.06	30.64 1.37 -7.89	35.75 1.23 -14.42	45.40 1.86 -12.04	57.32 2.36 -18.05	49.11 2.22 -12.25	39.42 1.78 -9.01	37.18 1.39 -13.70	34.61 0.96 -17.60	32.09 1.10 -12.90
HARSNRAD_115KV_TB1 81005	33.40 -0.10 0.00	29.04 0.00 0.00	28.46 -0.06 0.00	28.15 -0.11 0.00	28.78 0.09 0.00	32.67 -0.13 0.00	39.87 -0.57 -2.42	42.91 -1.59 -6.55	39.97 -1.08 -3.67	34.38 -0.75 -0.91	29.39 -0.91 -0.80	27.67 -0.49 -0.67	21.46 -0.40 -2.84	22.18 -0.26 -2.42	21.98 -0.28 -2.58	23.14 -0.49 -2.24	23.66 -0.54 -4.10	33.83 -1.17 -3.49	40.11 -2.03 -5.24	36.67 -1.52 -3.55	30.18 -1.06 -2.61	25.24 -0.82 -3.97	20.86 -0.29 -5.11	21.54 -0.29 -3.74
HARZA MOOSE__RIVER 24016	34.00 0.50 0.00	29.59 0.55 0.00	29.00 0.48 0.00	28.80 0.54 0.00	29.18 0.49 0.00	33.32 0.52 0.00	39.51 0.87 -0.61	40.52 0.91 -1.66	39.03 0.71 -0.93	34.96 0.51 -0.23	30.00 0.30 -0.20	27.86 0.19 -0.17	19.83 0.10 -0.72	20.71 0.08 -0.62	20.41 0.08 -0.66	22.13 0.17 -0.57	21.35 0.20 -1.04	32.96 0.57 -0.88	39.08 0.85 -1.33	36.10 0.55 -0.90	29.84 0.54 -0.66	23.49 0.40 -1.01	17.60 0.26 -1.29	19.36 0.33 -0.95
HDSNBRDG_115KV_BRDG_TB1 355580	33.56 0.07 0.00	29.13 0.09 0.00	28.60 0.09 0.00	28.34 0.08 0.00	28.75 0.06 0.00	32.77 -0.03 0.00	39.98 0.04 -1.92	43.15 0.00 -5.20	40.35 0.04 -2.93	34.91 -0.03 -0.73	30.14 0.00 -0.64	28.14 0.11 -0.53	21.42 0.13 -2.27	22.13 0.18 -1.94	21.93 0.20 -2.06	23.39 0.21 -1.79	23.52 0.14 -3.27	34.50 0.22 -2.77	41.21 0.15 -4.16	37.67 0.21 -2.82	30.88 0.17 -2.07	25.35 0.11 -3.15	20.23 0.13 -4.05	21.19 0.13 -2.97
HELLGATE_13_KV_LD 55870	36.21 2.71 0.00	31.22 2.18 0.00	30.65 2.14 0.00	30.38 2.12 0.00	30.99 2.30 0.00	35.72 2.92 0.00	50.32 3.00 -9.29	66.10 3.00 -25.16	54.58 2.84 -14.35	40.83 3.05 -3.57	35.57 2.92 -3.15	32.75 2.64 -2.61	31.87 1.73 -11.13	31.32 1.82 -9.49	31.47 1.71 -10.08	32.00 1.84 -8.78	37.84 1.69 -16.04	47.04 2.14 -13.40	59.51 2.51 -20.10	50.74 2.46 -13.64	40.64 1.98 -10.03	39.01 1.68 -15.25	36.94 1.30 -19.60	33.92 1.47 -14.36
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	36.21 2.71 0.00	31.22 2.18 0.00	30.65 2.14 0.00	30.38 2.12 0.00	30.99 2.30 0.00	35.72 2.92 0.00	50.32 3.00 -9.29	66.10 3.00 -25.16	54.58 2.84 -14.35	40.83 3.05 -3.57	35.57 2.92 -3.15	32.75 2.64 -2.61	31.87 1.73 -11.13	31.32 1.82 -9.49	31.47 1.71 -10.08	32.00 1.84 -8.78	37.84 1.69 -16.04	47.04 2.14 -13.40	59.51 2.51 -20.10	50.74 2.46 -13.64	40.64 1.98 -10.03	39.01 1.68 -15.25	36.94 1.30 -19.60	33.92 1.47 -14.36
HEMPSTEAD____ 23647	37.32 3.08 -0.75	35.27 2.41 -3.82	32.45 2.40 -1.54	32.06 2.49 -1.31	35.16 2.61 -3.85	38.63 3.22 -2.62	50.94 3.61 -9.30	66.72 3.61 -25.16	55.45 3.70 -14.36	47.61 3.59 -9.80	42.14 3.19 -9.45	38.48 2.91 -8.07	35.32 1.92 -14.39	33.92 2.02 -11.89	34.32 1.95 -12.69	39.96 2.07 -16.50	42.84 1.95 -20.78	62.85 2.80 -28.55	81.04 3.39 -40.74	65.45 3.22 -27.58	50.97 2.61 -19.73	48.74 2.08 -24.58	44.27 1.48 -26.75	41.08 1.61 -21.38
HEWLETT__69_KV_BK3 55828	37.41 3.18 -0.74	35.44 2.58 -3.81	32.58 2.54 -1.53	32.08 2.52 -1.30	35.24 2.70 -3.85	38.79 3.38 -2.61	50.96 3.65 -9.29	66.82 3.72 -25.15	55.48 3.74 -14.35	47.69 3.70 -9.77	42.28 3.33 -9.44	38.58 3.02 -8.07	35.41 2.02 -14.38	33.99 2.10 -11.88	34.39 2.03 -12.68	40.04 2.16 -16.49	42.89 2.01 -20.78	62.94 2.90 -28.54	81.06 3.47 -40.69	65.58 3.36 -27.58	51.04 2.69 -19.72	48.84 2.19 -24.57	44.36 1.57 -26.74	41.20 1.74 -21.37
HICKLING____1 23621	34.87 1.37 0.00	30.26 1.22 0.00	29.68 1.17 0.00	29.39 1.13 0.00	30.07 1.38 0.00	34.31 1.51 0.00	42.95 1.60 -3.33	48.30 1.33 -9.03	43.79 1.35 -5.06	36.61 1.13 -1.26	31.38 0.77 -1.11	29.21 0.80 -0.92	23.43 0.49 -3.92	23.96 0.60 -3.35	23.80 0.57 -3.56	25.08 0.60 -3.09	26.33 0.56 -5.66	37.10 0.79 -4.81	44.82 0.70 -7.21	40.40 0.87 -4.89	32.97 0.74 -3.60	28.09 0.53 -5.47	23.56 0.48 -7.03	23.73 0.49 -5.15
HICKLING____2 23622	34.87 1.37 0.00	30.26 1.22 0.00	29.68 1.17 0.00	29.39 1.13 0.00	30.07 1.38 0.00	34.31 1.51 0.00	42.95 1.60 -3.33	48.30 1.33 -9.03	43.79 1.35 -5.06	36.61 1.13 -1.26	31.38 0.77 -1.11	29.21 0.80 -0.92	23.43 0.49 -3.92	23.96 0.60 -3.35	23.80 0.57 -3.56	25.08 0.60 -3.09	26.33 0.56 -5.66	37.10 0.79 -4.81	44.82 0.70 -7.21	40.40 0.87 -4.89	32.97 0.74 -3.60	28.09 0.53 -5.47	23.56 0.48 -7.03	23.73 0.49 -5.15
HIGH FALLS____HY 23754	35.87 2.38 0.00	31.04 2.00 0.00	30.45 1.94 0.00	30.15 1.89 0.00	30.67 1.98 0.00	35.13 2.33 0.00	49.77 2.70 -9.05	65.26 2.81 -24.50	53.98 2.62 -13.98	40.15 2.46 -3.47	34.75 2.18 -3.07	31.99 1.95 -2.55	31.16 1.31 -10.84	30.63 1.38 -9.24	30.84 1.34 -9.82	31.35 1.41 -8.55	37.02 1.29 -15.63	46.51 1.95 -13.05	58.95 2.47 -19.57	50.28 2.36 -13.28	40.26 1.86 -9.77	38.40 1.46 -14.85	36.14 1.01 -19.08	33.25 1.18 -13.98
HILLBURN____GT 23639	35.37 1.87 0.00	30.64 1.60 0.00	30.11 1.60 0.00	29.73 1.47 0.00	30.30 1.61 0.00	34.80 2.00 0.00	48.86 2.40 -8.44	63.30 2.50 -22.85	52.82 2.39 -13.04	39.79 2.33 -3.24	34.58 2.21 -2.86	31.90 2.03 -2.38	30.48 1.35 -10.11	30.05 1.42 -8.62	30.20 1.36 -9.16	30.75 1.39 -7.97	35.89 1.21 -14.58	45.41 1.73 -12.17	57.37 2.21 -18.25	49.14 2.11 -12.39	39.43 1.69 -9.11	37.26 1.33 -13.85	34.78 0.93 -17.80	32.26 1.12 -13.04
HILLSIDE_115KV_TB1 80332	34.27 0.77 0.00	29.79 0.76 0.00	29.23 0.71 0.00	28.94 0.68 0.00	29.53 0.83 0.00	33.68 0.89 0.00	42.27 0.84 -3.41	47.79 0.61 -9.24	43.20 0.64 -5.18	36.02 0.51 -1.29	31.02 0.38 -1.14	28.88 0.44 -0.94	23.28 0.25 -4.01	23.77 0.34 -3.42	23.63 0.31 -3.64	24.85 0.30 -3.17	26.11 0.22 -5.79	36.68 0.25 -4.92	44.40 0.11 -7.38	39.96 0.31 -5.01	32.63 0.31 -3.68	27.89 0.20 -5.60	23.47 0.22 -7.20	23.62 0.25 -5.27
HISHELDN_WT_PWR 323625	33.96 0.47 0.00	29.62 0.58 0.00	28.91 0.40 0.00	28.49 0.23 0.00	29.27 0.57 0.00	33.32 0.52 0.00	40.77 0.08 -2.67	44.34 -0.84 -7.22	41.07 -0.37 -4.05	34.95 -0.27 -1.01	29.95 -0.44 -0.89	28.09 -0.14 -0.74	21.99 -0.17 -3.14	22.65 -0.04 -2.68	22.46 -0.06 -2.85	23.63 -0.23 -2.48	24.39 -0.24 -4.53	34.69 -0.66 -3.85	41.38 -1.29 -5.77	37.62 -0.93 -3.92	30.94 -0.57 -2.88	26.00 -0.46 -4.38	21.56 -0.11 -5.63	22.09 -0.13 -4.12
HOLTSVILLE_IC_1 23690	39.24 4.99 -0.75	36.93 4.07 -3.82	34.33 4.28 -1.54	34.06 4.49 -1.31	37.08 4.53 -3.86	40.31 4.89 -2.62	53.22 5.89 -9.30	68.81 5.69 -25.17	57.58 5.83 -14.37	50.72 4.79 -11.71	44.30 5.34 -9.46	40.58 5.00 -8.08	36.69 3.29 -14.39	35.36 3.46 -11.89	35.82 3.44 -12.70	41.60 3.70 -16.51	44.32 3.42 -20.79	64.75 4.70 -28.55	88.26 4.58 -46.77	67.40 5.16 -27.59	52.60 4.24 -19.74	50.03 3.36 -24.59	45.32 2.52 -26.76	42.41 2.93 -21.39

HOLTSVILLE_IC_10 23699	39.40 5.16 -0.75	36.99 4.12 -3.82	34.39 4.33 -1.54	34.18 4.61 -1.31	37.20 4.65 -3.86	40.44 5.02 -2.62	53.41 6.08 -9.30	69.00 5.88 -25.17	57.77 6.02 -14.37	50.96 5.00 -11.74	44.39 5.43 -9.46	40.63 5.06 -8.08	36.75 3.35 -14.39	35.42 3.52 -11.89	35.88 3.50 -12.70	41.66 3.77 -16.51	44.42 3.52 -20.79	64.91 4.85 -28.55	88.58 4.80 -46.87	67.57 5.33 -27.59	52.78 4.41 -19.74	50.14 3.47 -24.59	45.40 2.60 -26.76	42.44 2.97 -21.39
HOLTSVILLE_IC_2 23691	39.24 4.99 -0.75	36.93 4.07 -3.82	34.33 4.28 -1.54	34.06 4.49 -1.31	37.08 4.53 -3.86	40.31 4.89 -2.62	53.22 5.89 -9.30	68.81 5.69 -25.17	57.58 5.83 -14.37	50.72 4.79 -11.71	44.30 5.34 -9.46	40.58 5.00 -8.08	36.69 3.29 -14.39	35.36 3.46 -11.89	35.82 3.44 -12.70	41.60 3.70 -16.51	44.32 3.42 -20.79	64.75 4.70 -28.55	88.26 4.58 -46.77	67.40 5.16 -27.59	52.60 4.24 -19.74	50.03 3.36 -24.59	45.32 2.52 -26.76	42.41 2.93 -21.39
HOLTSVILLE_IC_3 23692	39.24 4.99 -0.75	36.93 4.07 -3.82	34.33 4.28 -1.54	34.06 4.49 -1.31	37.08 4.53 -3.86	40.31 4.89 -2.62	53.22 5.89 -9.30	68.81 5.69 -25.17	57.58 5.83 -14.37	50.72 4.79 -11.71	44.30 5.34 -9.46	40.58 5.00 -8.08	36.69 3.29 -14.39	35.36 3.46 -11.89	35.82 3.44 -12.70	41.60 3.70 -16.51	44.32 3.42 -20.79	64.75 4.70 -28.55	88.26 4.58 -46.77	67.40 5.16 -27.59	52.60 4.24 -19.74	50.03 3.36 -24.59	45.32 2.52 -26.76	42.41 2.93 -21.39
HOLTSVILLE_IC_4 23693	39.24 4.99 -0.75	36.93 4.07 -3.82	34.33 4.28 -1.54	34.06 4.49 -1.31	37.08 4.53 -3.86	40.31 4.89 -2.62	53.22 5.89 -9.30	68.81 5.69 -25.17	57.58 5.83 -14.37	50.72 4.79 -11.71	44.30 5.34 -9.46	40.58 5.00 -8.08	36.69 3.29 -14.39	35.36 3.46 -11.89	35.82 3.44 -12.70	41.60 3.70 -16.51	44.32 3.42 -20.79	64.75 4.70 -28.55	88.26 4.58 -46.77	67.40 5.16 -27.59	52.60 4.24 -19.74	50.03 3.36 -24.59	45.32 2.52 -26.76	42.41 2.93 -21.39
HOLTSVILLE_IC_5 23694	39.24 4.99 -0.75	36.93 4.07 -3.82	34.33 4.28 -1.54	34.06 4.49 -1.31	37.08 4.53 -3.86	40.31 4.89 -2.62	53.22 5.89 -9.30	68.81 5.69 -25.17	57.58 5.83 -14.37	50.72 4.79 -11.71	44.30 5.34 -9.46	40.58 5.00 -8.08	36.69 3.29 -14.39	35.36 3.46 -11.89	35.82 3.44 -12.70	41.60 3.70 -16.51	44.32 3.42 -20.79	64.75 4.70 -28.55	88.26 4.58 -46.77	67.40 5.16 -27.59	52.60 4.24 -19.74	50.03 3.36 -24.59	45.32 2.52 -26.76	42.41 2.93 -21.39
HOLTSVILLE_IC_6 23695	39.40 5.16 -0.75	36.99 4.12 -3.82	34.39 4.33 -1.54	34.18 4.61 -1.31	37.20 4.65 -3.86	40.44 5.02 -2.62	53.41 6.08 -9.30	69.00 5.88 -25.17	57.77 6.02 -14.37	50.96 5.00 -11.74	44.39 5.43 -9.46	40.63 5.06 -8.08	36.75 3.35 -14.39	35.42 3.52 -11.89	35.88 3.50 -12.70	41.66 3.77 -16.51	44.42 3.52 -20.79	64.91 4.85 -28.55	88.58 4.80 -46.87	67.57 5.33 -27.59	52.78 4.41 -19.74	50.14 3.47 -24.59	45.40 2.60 -26.76	42.44 2.97 -21.39
HOLTSVILLE_IC_7 23696	39.40 5.16 -0.75	36.99 4.12 -3.82	34.39 4.33 -1.54	34.18 4.61 -1.31	37.20 4.65 -3.86	40.44 5.02 -2.62	53.41 6.08 -9.30	69.00 5.88 -25.17	57.77 6.02 -14.37	50.96 5.00 -11.74	44.39 5.43 -9.46	40.63 5.06 -8.08	36.75 3.35 -14.39	35.42 3.52 -11.89	35.88 3.50 -12.70	41.66 3.77 -16.51	44.42 3.52 -20.79	64.91 4.85 -28.55	88.58 4.80 -46.87	67.57 5.33 -27.59	52.78 4.41 -19.74	50.14 3.47 -24.59	45.40 2.60 -26.76	42.44 2.97 -21.39
HOLTSVILLE_IC_8 23697	39.40 5.16 -0.75	36.99 4.12 -3.82	34.39 4.33 -1.54	34.18 4.61 -1.31	37.20 4.65 -3.86	40.44 5.02 -2.62	53.41 6.08 -9.30	69.00 5.88 -25.17	57.77 6.02 -14.37	50.96 5.00 -11.74	44.39 5.43 -9.46	40.63 5.06 -8.08	36.75 3.35 -14.39	35.42 3.52 -11.89	35.88 3.50 -12.70	41.66 3.77 -16.51	44.42 3.52 -20.79	64.91 4.85 -28.55	88.58 4.80 -46.87	67.57 5.33 -27.59	52.78 4.41 -19.74	50.14 3.47 -24.59	45.40 2.60 -26.76	42.44 2.97 -21.39
HOLTSVILLE_IC_9 23698	39.40 5.16 -0.75	36.99 4.12 -3.82	34.39 4.33 -1.54	34.18 4.61 -1.31	37.20 4.65 -3.86	40.44 5.02 -2.62	53.41 6.08 -9.30	69.00 5.88 -25.17	57.77 6.02 -14.37	50.96 5.00 -11.74	44.39 5.43 -9.46	40.63 5.06 -8.08	36.75 3.35 -14.39	35.42 3.52 -11.89	35.88 3.50 -12.70	41.66 3.77 -16.51	44.42 3.52 -20.79	64.91 4.85 -28.55	88.58 4.80 -46.87	67.57 5.33 -27.59	52.78 4.41 -19.74	50.14 3.47 -24.59	45.40 2.60 -26.76	42.44 2.97 -21.39
HOMER_HL_115KV_TB2 355744	34.30 0.80 0.00	29.85 0.81 0.00	29.23 0.71 0.00	28.88 0.62 0.00	29.61 0.92 0.00	33.68 0.89 0.00	40.46 -0.27 -2.71	44.60 -0.68 -7.33	41.14 -0.30 -4.05	34.88 -0.34 -1.01	30.01 -0.38 -0.89	28.09 -0.14 -0.74	21.93 -0.23 -3.14	22.59 -0.10 -2.68	22.37 -0.16 -2.85	23.33 -0.53 -2.48	24.11 -0.52 -4.53	34.34 -1.07 -3.90	41.21 -1.55 -5.85	37.54 -1.07 -3.97	30.78 -0.77 -2.92	25.89 -0.64 -4.44	21.47 -0.29 -5.71	21.93 -0.34 -4.18
HOWARD_WT_PWR 323690	35.07 1.57 0.00	30.55 1.51 0.00	29.88 1.37 0.00	29.45 1.19 0.00	30.27 1.58 0.00	34.50 1.70 0.00	42.68 1.71 -2.94	47.10 1.18 -7.97	43.06 1.12 -4.55	36.24 0.89 -1.13	31.00 0.50 -1.00	28.87 0.55 -0.83	22.81 0.27 -3.53	23.42 0.40 -3.01	23.25 0.37 -3.20	24.70 0.53 -2.78	25.65 0.46 -5.08	36.41 0.66 -4.25	43.68 0.41 -6.37	39.52 0.55 -4.32	32.27 0.46 -3.18	27.23 0.31 -4.83	22.58 0.32 -6.21	22.95 0.31 -4.55
HQ_GEN_CEDARS 23644	32.96 -0.54 0.00	28.69 -0.35 0.00	28.17 -0.34 0.00	27.86 -0.40 0.00	28.26 -0.43 0.00	32.14 -0.66 0.00	37.15 -0.87 0.00	37.19 -0.76 0.00	36.49 -0.90 0.00	33.40 -0.82 0.00	28.85 -0.65 0.00	26.81 -0.69 0.00	18.48 -0.53 0.00	19.43 -0.58 0.00	19.11 -0.57 0.00	20.77 -0.62 0.00	19.54 -0.56 0.00	30.65 -0.85 0.00	36.13 -0.78 0.00	33.74 -0.90 0.00	27.91 -0.72 0.00	21.56 -0.53 0.00	15.66 -0.39 0.00	17.73 -0.36 0.00
HQ_GEN_CEDARS_PROXY 323590	32.96 -0.54 0.00	28.69 -0.35 0.00	28.17 -0.34 0.00	27.86 -0.40 0.00	28.26 -0.43 0.00	32.11 -0.69 0.00	37.15 -0.87 0.00	37.23 -0.72 0.00	36.49 -0.90 0.00	33.40 -0.82 0.00	28.85 -0.65 0.00	26.81 -0.69 0.00	18.48 -0.53 0.00	19.43 -0.58 0.00	19.11 -0.57 0.00	20.77 -0.62 0.00	19.54 -0.56 0.00	30.66 -0.85 0.00	36.13 -0.78 0.00	33.74 -0.90 0.00	27.92 -0.71 0.00	21.56 -0.53 0.00	15.66 -0.39 0.00	17.73 -0.36 0.00
HQ_GEN_IMPORT 323601	32.99 -0.50 0.00	28.63 -0.41 0.00	28.11 -0.40 0.00	27.84 -0.42 0.00	28.29 -0.40 0.00	32.31 -0.49 0.00	37.34 -0.68 0.00	37.34 -0.61 0.00	36.75 -0.64 0.00	33.67 -0.55 0.00	29.03 -0.47 0.00	27.03 -0.47 0.00	18.65 -0.36 0.00	19.63 -0.38 0.00	19.30 -0.37 0.00	20.98 -0.41 0.00	19.74 -0.36 0.00	30.94 -0.57 0.00	36.31 -0.59 0.00	34.05 -0.59 0.00	28.12 -0.51 0.00	21.69 -0.40 0.00	15.74 -0.31 0.00	17.78 -0.31 0.00
HQ_GEN_WHEEL 23651	32.99 -0.50 0.00	28.63 -0.41 0.00	28.11 -0.40 0.00	27.84 -0.42 0.00	28.29 -0.40 0.00	32.31 -0.49 0.00	37.34 -0.68 0.00	37.34 -0.61 0.00	36.75 -0.64 0.00	33.67 -0.55 0.00	29.03 -0.47 0.00	27.03 -0.47 0.00	18.65 -0.36 0.00	19.63 -0.38 0.00	19.30 -0.37 0.00	20.98 -0.41 0.00	19.74 -0.36 0.00	30.94 -0.57 0.00	36.31 -0.59 0.00	34.05 -0.59 0.00	28.12 -0.51 0.00	21.69 -0.40 0.00	15.74 -0.31 0.00	17.78 -0.31 0.00

HUDSON AVE_GT_3 23810	36.14 2.65 0.00	31.10 2.06 0.00	30.54 2.02 0.00	30.27 2.01 0.00	30.90 2.21 0.00	35.62 2.82 0.00	50.43 3.12 -9.29	66.29 3.19 -25.16	54.92 3.18 -14.35	40.97 3.18 -3.57	35.60 2.95 -3.15	32.77 2.67 -2.61	31.89 1.75 -11.13	31.32 1.82 -9.49	31.49 1.73 -10.08	32.02 1.86 -8.78	37.86 1.71 -16.04	47.23 2.33 -13.40	59.81 2.80 -20.10	50.95 2.67 -13.64	40.81 2.15 -10.03	39.08 1.74 -15.25	36.93 1.28 -19.60	33.86 1.41 -14.36
HUDSON AVE_GT_4 23540	36.14 2.65 0.00	31.10 2.06 0.00	30.54 2.02 0.00	30.27 2.01 0.00	30.90 2.21 0.00	35.62 2.82 0.00	50.43 3.12 -9.29	66.29 3.19 -25.16	54.92 3.18 -14.35	40.97 3.18 -3.57	35.60 2.95 -3.15	32.77 2.67 -2.61	31.89 1.75 -11.13	31.32 1.82 -9.49	31.49 1.73 -10.08	32.02 1.86 -8.78	37.86 1.71 -16.04	47.23 2.33 -13.40	59.81 2.80 -20.10	50.95 2.67 -13.64	40.81 2.15 -10.03	39.08 1.74 -15.25	36.93 1.28 -19.60	33.86 1.41 -14.36
HUDSON AVE_GT_5 23657	36.14 2.65 0.00	31.10 2.06 0.00	30.54 2.02 0.00	30.27 2.01 0.00	30.90 2.21 0.00	35.62 2.82 0.00	50.43 3.12 -9.29	66.29 3.19 -25.16	54.92 3.18 -14.35	40.97 3.18 -3.57	35.60 2.95 -3.15	32.77 2.67 -2.61	31.89 1.75 -11.13	31.32 1.82 -9.49	31.49 1.73 -10.08	32.02 1.86 -8.78	37.86 1.71 -16.04	47.23 2.33 -13.40	59.81 2.80 -20.10	50.95 2.67 -13.64	40.81 2.15 -10.03	39.08 1.74 -15.25	36.93 1.28 -19.60	33.86 1.41 -14.36
HUDSON_AVE_10 24168	36.14 2.65 0.00	31.10 2.06 0.00	30.54 2.02 0.00	30.27 2.01 0.00	30.90 2.21 0.00	35.62 2.82 0.00	50.43 3.12 -9.29	66.33 3.23 -25.16	54.92 3.18 -14.35	40.97 3.18 -3.57	35.60 2.95 -3.15	32.77 2.67 -2.61	31.89 1.75 -11.13	31.34 1.84 -9.49	31.49 1.73 -10.08	32.02 1.86 -8.78	37.86 1.71 -16.04	47.23 2.33 -13.40	59.81 2.80 -20.10	50.98 2.70 -13.64	40.81 2.15 -10.03	39.10 1.77 -15.25	36.93 1.28 -19.60	33.86 1.41 -14.36
HUDSON___115KV_TB 4 355613	35.07 1.57 0.00	30.32 1.28 0.00	29.82 1.31 0.00	29.67 1.41 0.00	30.10 1.41 0.00	34.57 1.77 0.00	51.06 1.94 -11.09	69.85 1.86 -30.04	56.28 1.76 -17.14	39.84 1.37 -4.26	34.21 0.94 -3.76	31.49 0.88 -3.12	32.78 0.48 -13.28	31.86 0.52 -11.33	32.27 0.55 -12.04	32.49 0.62 -10.48	39.92 0.66 -19.15	48.79 1.29 -16.00	62.49 1.59 -24.00	52.38 1.45 -16.29	41.81 1.20 -11.98	41.14 0.84 -18.21	39.96 0.51 -23.40	35.85 0.62 -17.15
HUNTER MOUNT___DRP 323613	35.37 1.88 0.00	30.52 1.48 0.00	30.02 1.51 0.00	29.90 1.64 0.00	30.33 1.64 0.00	34.80 2.00 0.00	50.84 2.05 -10.76	69.05 1.97 -29.13	55.84 1.83 -16.62	39.68 1.33 -4.13	33.95 0.80 -3.65	31.26 0.74 -3.03	32.26 0.36 -12.88	31.40 0.40 -10.99	31.81 0.45 -11.68	32.08 0.53 -10.16	39.33 0.64 -18.58	48.37 1.35 -15.51	61.84 1.66 -23.27	51.93 1.49 -15.79	41.48 1.23 -11.62	40.59 0.84 -17.66	39.24 0.50 -22.69	35.26 0.54 -16.63
HUNTINGTON_RES_REC 323705	38.36 4.12 -0.75	36.09 3.22 -3.83	33.33 3.28 -1.54	33.05 3.47 -1.31	36.14 3.59 -3.86	39.62 4.20 -2.62	52.15 4.83 -9.30	67.86 4.74 -25.16	56.61 4.86 -14.36	47.60 4.48 -8.89	43.18 4.22 -9.46	39.45 3.88 -8.08	35.97 2.57 -14.39	34.60 2.70 -11.89	35.01 2.64 -12.70	40.74 2.84 -16.51	43.61 2.71 -20.79	63.93 3.87 -28.55	79.11 4.32 -37.89	66.56 4.33 -27.59	51.91 3.55 -19.74	49.45 2.78 -24.58	44.84 2.04 -26.76	41.70 2.22 -21.38
HUNTLEY___63 23557	33.66 0.17 0.00	29.27 0.23 0.00	28.68 0.17 0.00	28.40 0.14 0.00	29.01 0.32 0.00	32.93 0.13 0.00	40.18 -0.30 -2.46	43.29 -1.33 -6.67	40.31 -0.79 -3.71	34.63 -0.51 -0.92	29.61 -0.71 -0.81	27.89 -0.27 -0.68	21.64 -0.25 -2.87	22.36 -0.10 -2.45	22.16 -0.12 -2.60	23.31 -0.34 -2.27	23.87 -0.38 -4.14	34.05 -1.01 -3.55	40.46 -1.77 -5.33	36.98 -1.28 -3.62	30.46 -0.83 -2.66	25.47 -0.66 -4.04	21.05 -0.19 -5.20	21.73 -0.16 -3.81
HUNTLEY___64 23558	33.66 0.17 0.00	29.27 0.23 0.00	28.68 0.17 0.00	28.40 0.14 0.00	29.01 0.32 0.00	32.93 0.13 0.00	40.18 -0.30 -2.46	43.29 -1.33 -6.67	40.31 -0.79 -3.71	34.63 -0.51 -0.92	29.61 -0.71 -0.81	27.89 -0.27 -0.68	21.64 -0.25 -2.87	22.36 -0.10 -2.45	22.16 -0.12 -2.60	23.31 -0.34 -2.27	23.87 -0.38 -4.14	34.05 -1.01 -3.55	40.46 -1.77 -5.33	36.98 -1.28 -3.62	30.46 -0.83 -2.66	25.47 -0.66 -4.04	21.05 -0.19 -5.20	21.73 -0.16 -3.81
HUNTLEY___65 23559	33.66 0.17 0.00	29.27 0.23 0.00	28.68 0.17 0.00	28.40 0.14 0.00	29.01 0.32 0.00	32.93 0.13 0.00	40.18 -0.30 -2.46	43.29 -1.33 -6.67	40.31 -0.79 -3.71	34.63 -0.51 -0.92	29.61 -0.71 -0.81	27.89 -0.27 -0.68	21.64 -0.25 -2.87	22.36 -0.10 -2.45	22.16 -0.12 -2.60	23.31 -0.34 -2.27	23.87 -0.38 -4.14	34.05 -1.01 -3.55	40.46 -1.77 -5.33	36.98 -1.28 -3.62	30.46 -0.83 -2.66	25.47 -0.66 -4.04	21.05 -0.19 -5.20	21.73 -0.16 -3.81
HUNTLEY___66 23560	33.66 0.17 0.00	29.27 0.23 0.00	28.68 0.17 0.00	28.40 0.14 0.00	29.01 0.32 0.00	32.93 0.13 0.00	40.18 -0.30 -2.46	43.29 -1.33 -6.67	40.31 -0.79 -3.71	34.63 -0.51 -0.92	29.61 -0.71 -0.81	27.89 -0.27 -0.68	21.64 -0.25 -2.87	22.36 -0.10 -2.45	22.16 -0.12 -2.60	23.31 -0.34 -2.27	23.87 -0.38 -4.14	34.05 -1.01 -3.55	40.46 -1.77 -5.33	36.98 -1.28 -3.62	30.46 -0.83 -2.66	25.47 -0.66 -4.04	21.05 -0.19 -5.20	21.73 -0.16 -3.81
HUNTLEY___67 23561	33.46 -0.03 0.00	29.10 0.06 0.00	28.51 0.00 0.00	28.20 -0.06 0.00	28.84 0.14 0.00	32.77 -0.03 0.00	40.02 -0.49 -2.49	43.18 -1.52 -6.75	40.16 -1.01 -3.78	34.44 -0.72 -0.94	29.48 -0.86 -0.83	27.77 -0.41 -0.69	21.60 -0.34 -2.93	22.29 -0.22 -2.50	22.10 -0.24 -2.65	23.23 -0.47 -2.31	23.85 -0.48 -4.22	33.99 -1.10 -3.59	40.34 -1.96 -5.39	36.88 -1.42 -3.66	30.35 -0.97 -2.69	25.42 -0.75 -4.09	21.04 -0.26 -5.25	21.69 -0.25 -3.85
HUNTLEY___68 23562	33.46 -0.03 0.00	29.10 0.06 0.00	28.51 0.00 0.00	28.20 -0.06 0.00	28.84 0.14 0.00	32.77 -0.03 0.00	40.02 -0.49 -2.49	43.18 -1.52 -6.75	40.16 -1.01 -3.78	34.44 -0.72 -0.94	29.48 -0.86 -0.83	27.77 -0.41 -0.69	21.60 -0.34 -2.93	22.29 -0.22 -2.50	22.10 -0.24 -2.65	23.23 -0.47 -2.31	23.85 -0.48 -4.22	33.99 -1.10 -3.59	40.34 -1.96 -5.39	36.88 -1.42 -3.66	30.35 -0.97 -2.69	25.42 -0.75 -4.09	21.04 -0.26 -5.25	21.69 -0.25 -3.85
HYLAND___LFGE 323620	35.61 2.11 0.00	30.69 1.65 0.00	29.99 1.48 0.00	29.81 1.55 0.00	30.65 1.95 0.00	35.00 2.20 0.00	43.43 2.77 -2.63	47.55 2.47 -7.13	43.76 2.36 -4.02	36.89 1.68 -1.00	31.03 0.65 -0.88	28.86 0.63 -0.73	22.53 0.40 -3.12	23.13 0.46 -2.66	22.97 0.47 -2.82	24.47 0.62 -2.46	25.40 0.81 -4.49	36.91 1.61 -3.80	44.30 1.70 -5.70	40.45 1.94 -3.87	33.08 1.60 -2.84	27.60 1.19 -4.32	22.50 0.90 -5.56	23.01 0.85 -4.07
INDECK___CORINTH 23802	34.90 1.41 0.00	30.08 1.04 0.00	29.85 1.34 0.00	29.76 1.50 0.00	30.16 1.46 0.00	34.80 2.00 0.00	52.39 2.51 -11.86	72.60 2.54 -32.11	58.25 2.54 -18.32	40.68 1.92 -4.55	34.94 1.42 -4.02	31.99 1.15 -3.34	33.92 0.70 -14.20	32.90 0.78 -12.11	33.16 0.61 -12.87	33.30 0.70 -11.20	41.25 0.66 -20.48	49.77 1.17 -17.10	64.03 1.48 -25.65	53.40 1.35 -17.41	42.52 1.09 -12.81	42.26 0.71 -19.46	41.46 0.40 -25.01	36.75 0.33 -18.33



INDECK___ILION 23567	34.00 0.50 0.00	29.56 0.52 0.00	29.00 0.48 0.00	28.77 0.51 0.00	29.10 0.40 0.00	33.29 0.49 0.00	38.93 0.68 -0.22	39.15 0.61 -0.59	38.32 0.60 -0.33	34.85 0.55 -0.08	30.05 0.47 -0.07	27.97 0.41 -0.06	19.52 0.25 -0.26	20.47 0.24 -0.22	20.15 0.24 -0.23	21.87 0.28 -0.20	20.72 0.24 -0.37	32.26 0.44 -0.32	37.93 0.55 -0.47	35.45 0.48 -0.32	29.27 0.40 -0.24	22.73 0.29 -0.36	16.70 0.19 -0.46	18.70 0.27 -0.34
INDECK___OLEAN 23982	34.30 0.80 0.00	29.91 0.87 0.00	29.23 0.71 0.00	28.74 0.48 0.00	29.61 0.92 0.00	33.75 0.95 0.00	40.47 -0.26 -2.71	44.44 -0.84 -7.33	41.10 -0.34 -4.05	34.88 -0.34 -1.01	30.01 -0.38 -0.89	28.10 -0.14 -0.74	21.93 -0.23 -3.14	22.59 -0.10 -2.68	22.37 -0.16 -2.85	23.33 -0.53 -2.48	24.11 -0.52 -4.53	34.34 -1.07 -3.90	41.21 -1.55 -5.85	37.54 -1.07 -3.97	30.78 -0.77 -2.92	25.89 -0.64 -4.44	21.47 -0.29 -5.71	21.93 -0.34 -4.18
INDECK___OSWEGO 23783	32.86 -0.64 0.00	28.52 -0.52 0.00	27.97 -0.54 0.00	27.70 -0.56 0.00	28.06 -0.63 0.00	32.01 -0.79 0.00	38.82 -0.76 -1.56	41.34 -0.84 -4.22	38.94 -0.82 -2.38	34.02 -0.79 -0.59	29.35 -0.68 -0.52	27.38 -0.55 -0.43	20.59 -0.27 -1.84	21.32 -0.26 -1.57	21.09 -0.26 -1.67	22.56 -0.28 -1.45	22.48 -0.28 -2.66	33.31 -0.44 -2.25	39.69 -0.59 -3.37	36.45 -0.49 -2.29	29.89 -0.43 -1.68	24.34 -0.31 -2.56	19.16 -0.18 -3.29	20.28 -0.22 -2.41
INDECK___YERKES 23781	33.70 0.20 0.00	29.42 0.38 0.00	28.74 0.23 0.00	28.26 0.00 0.00	29.04 0.35 0.00	33.03 0.23 0.00	40.22 -0.26 -2.46	43.18 -1.44 -6.67	40.31 -0.79 -3.71	34.63 -0.51 -0.92	29.64 -0.68 -0.81	27.92 -0.25 -0.68	21.66 -0.23 -2.87	22.38 -0.08 -2.45	22.18 -0.10 -2.60	23.33 -0.32 -2.27	23.89 -0.36 -4.14	34.08 -0.98 -3.55	40.50 -1.73 -5.33	37.01 -1.25 -3.62	30.49 -0.80 -2.66	25.49 -0.64 -4.04	21.07 -0.18 -5.20	21.75 -0.15 -3.81
INDIAN POINT_GT_1 24139	35.71 2.21 0.00	30.81 1.77 0.00	30.25 1.74 0.00	29.98 1.72 0.00	30.59 1.89 0.00	35.16 2.36 0.00	49.89 2.74 -9.13	65.51 2.85 -24.71	54.25 2.77 -14.10	40.39 2.67 -3.50	35.02 2.42 -3.09	32.23 2.17 -2.57	31.39 1.45 -10.93	30.83 1.50 -9.32	31.02 1.44 -9.91	31.53 1.52 -8.62	37.27 1.41 -15.76	46.68 2.02 -13.16	59.12 2.47 -19.74	50.40 2.36 -13.40	40.37 1.89 -9.86	38.59 1.52 -14.98	36.37 1.08 -19.25	33.37 1.18 -14.11
INDIAN POINT_GT_2 23659	35.71 2.21 0.00	30.81 1.77 0.00	30.25 1.74 0.00	29.98 1.72 0.00	30.59 1.89 0.00	35.16 2.36 0.00	49.89 2.74 -9.13	65.51 2.85 -24.71	54.25 2.77 -14.10	40.39 2.67 -3.50	35.02 2.42 -3.09	32.23 2.17 -2.57	31.39 1.45 -10.93	30.83 1.50 -9.32	31.02 1.44 -9.91	31.53 1.52 -8.62	37.27 1.41 -15.76	46.68 2.02 -13.16	59.12 2.47 -19.74	50.40 2.36 -13.40	40.37 1.89 -9.86	38.59 1.52 -14.98	36.37 1.08 -19.25	33.37 1.18 -14.11
INDIAN POINT_GT_3 24019	35.71 2.21 0.00	30.81 1.77 0.00	30.25 1.74 0.00	29.98 1.72 0.00	30.59 1.89 0.00	35.16 2.36 0.00	49.89 2.74 -9.13	65.51 2.85 -24.71	54.25 2.77 -14.10	40.39 2.67 -3.50	35.02 2.42 -3.09	32.23 2.17 -2.57	31.39 1.45 -10.93	30.83 1.50 -9.32	31.02 1.44 -9.91	31.53 1.52 -8.62	37.27 1.41 -15.76	46.68 2.02 -13.16	59.12 2.47 -19.74	50.40 2.36 -13.40	40.37 1.89 -9.86	38.59 1.52 -14.98	36.37 1.08 -19.25	33.37 1.18 -14.11
INDIAN POINT___2 23530	35.61 2.11 0.00	30.69 1.65 0.00	30.17 1.65 0.00	29.93 1.67 0.00	30.50 1.81 0.00	35.06 2.26 0.00	49.46 2.62 -8.82	64.56 2.73 -23.88	53.67 2.65 -13.62	40.17 2.57 -3.38	34.82 2.33 -2.99	32.09 2.12 -2.48	30.99 1.41 -10.56	30.48 1.46 -9.01	30.65 1.40 -9.57	31.19 1.47 -8.33	36.66 1.33 -15.23	46.14 1.92 -12.72	58.34 2.36 -19.07	49.87 2.29 -12.95	39.99 1.83 -9.52	38.02 1.46 -14.47	35.67 1.03 -18.60	32.88 1.16 -13.63
INDIAN POINT___3 23531	35.81 2.31 0.00	30.90 1.86 0.00	30.34 1.82 0.00	30.07 1.81 0.00	30.67 1.98 0.00	35.32 2.53 0.00	50.23 2.85 -9.36	66.21 2.92 -25.34	54.72 2.88 -14.46	40.62 2.81 -3.59	35.21 2.54 -3.17	32.44 2.31 -2.63	31.73 1.50 -11.21	31.15 1.58 -9.56	31.35 1.52 -10.16	31.83 1.60 -8.84	37.76 1.49 -16.16	47.11 2.11 -13.50	59.73 2.58 -20.24	50.84 2.46 -13.74	40.71 1.98 -10.11	39.04 1.59 -15.36	36.91 1.12 -19.74	33.79 1.23 -14.47
INGHAM_C_115KV_TB7 356103	34.33 0.84 0.00	29.94 0.90 0.00	29.37 0.86 0.00	29.14 0.88 0.00	29.38 0.69 0.00	33.62 0.82 0.00	39.31 1.06 -0.22	39.49 0.95 -0.59	38.62 0.90 -0.33	35.12 0.82 -0.08	30.37 0.80 -0.07	28.24 0.69 -0.06	19.67 0.40 -0.26	20.59 0.36 -0.22	20.26 0.35 -0.23	22.02 0.43 -0.20	20.84 0.36 -0.37	32.48 0.66 -0.32	38.19 0.81 -0.47	35.69 0.73 -0.32	29.44 0.57 -0.24	22.89 0.44 -0.36	16.81 0.30 -0.46	18.86 0.43 -0.34
IP CORINTH___1 23988	35.07 1.57 0.00	30.26 1.22 0.00	30.00 1.48 0.00	29.84 1.58 0.00	30.33 1.64 0.00	35.00 2.20 0.00	52.66 2.78 -11.86	72.87 2.81 -32.11	58.51 2.80 -18.32	40.89 2.12 -4.55	35.12 1.59 -4.02	32.15 1.32 -3.34	34.04 0.82 -14.20	33.01 0.88 -12.11	33.26 0.71 -12.87	33.40 0.81 -11.20	41.37 0.78 -20.48	49.96 1.35 -17.10	64.25 1.70 -25.65	53.61 1.56 -17.41	42.70 1.26 -12.81	42.39 0.84 -19.46	41.56 0.50 -25.01	36.85 0.43 -18.33
IP___TICONDEROGA 23804	36.54 3.05 0.00	31.60 2.56 0.00	31.28 2.77 0.00	31.20 2.94 0.00	31.56 2.87 0.00	36.60 3.80 0.00	54.73 4.87 -11.84	74.99 4.97 -32.07	60.70 5.01 -18.30	42.46 3.70 -4.55	36.26 2.74 -4.02	33.11 2.28 -3.33	34.65 1.45 -14.19	33.67 1.56 -12.10	33.95 1.42 -12.86	34.20 1.63 -11.19	42.13 1.57 -20.45	51.45 2.87 -17.08	66.10 3.58 -25.62	55.32 3.29 -17.39	44.05 2.63 -12.79	43.36 1.83 -19.44	42.15 1.12 -24.98	37.55 1.16 -18.31
ISLIP_RES_REC 323679	39.53 5.29 -0.75	37.10 4.24 -3.82	34.50 4.45 -1.54	34.29 4.72 -1.31	37.32 4.76 -3.86	40.60 5.18 -2.62	53.60 6.27 -9.30	69.19 6.07 -25.17	58.00 6.24 -14.37	50.97 5.17 -11.58	44.54 5.58 -9.46	40.74 5.17 -8.08	36.83 3.42 -14.39	35.48 3.58 -11.89	35.96 3.58 -12.70	41.74 3.85 -16.51	44.52 3.62 -20.79	65.10 5.04 -28.55	88.29 5.02 -46.36	67.78 5.54 -27.59	52.95 4.58 -19.74	50.25 3.58 -24.59	45.48 2.68 -26.76	42.52 3.04 -21.39
JAMAICA__27_KV_LOAD 355505	36.58 3.08 0.00	31.45 2.41 0.00	30.85 2.34 0.00	30.61 2.35 0.00	31.25 2.55 0.00	36.08 3.28 0.00	51.01 3.69 -9.30	66.83 3.72 -25.16	55.44 3.70 -14.35	41.45 3.66 -3.57	35.99 3.33 -3.15	33.13 3.02 -2.61	32.16 2.02 -11.13	31.60 2.10 -9.49	31.77 2.01 -10.08	32.30 2.14 -8.78	38.14 1.99 -16.04	47.67 2.77 -13.40	60.32 3.32 -20.10	51.47 3.19 -13.64	41.21 2.55 -10.03	39.40 2.05 -15.26	37.14 1.49 -19.60	34.11 1.66 -14.36
JANIS___SOLAR 323808	35.81 2.31 0.00	31.13 2.09 0.00	30.48 1.97 0.00	30.15 1.89 0.00	30.82 2.12 0.00	35.23 2.43 0.00	44.61 3.15 -3.43	50.29 3.04 -9.30	45.54 3.14 -5.01	37.93 2.47 -1.24	32.28 1.68 -1.10	29.86 1.46 -0.91	23.85 0.95 -3.88	24.36 1.04 -3.31	24.26 1.06 -3.52	25.78 1.33 -3.06	27.05 1.35 -5.60	38.73 2.27 -4.95	46.99 2.66 -7.43	42.25 2.56 -5.04	34.37 2.03 -3.71	29.18 1.46 -5.64	24.29 1.00 -7.24	24.48 1.09 -5.31

JARVIS____ 23743	33.66 0.17 0.00	29.19 0.15 0.00	28.66 0.14 0.00	28.40 0.14 0.00	28.84 0.14 0.00	33.00 0.20 0.00	38.51 0.27 -0.22	38.77 0.23 -0.59	37.95 0.23 -0.33	34.51 0.21 -0.08	29.72 0.15 -0.07	27.69 0.14 -0.06	19.37 0.10 -0.26	20.31 0.08 -0.22	19.99 0.08 -0.23	21.70 0.11 -0.20	20.58 0.10 -0.37	32.01 0.19 -0.32	37.60 0.22 -0.47	35.17 0.21 -0.32	29.04 0.17 -0.24	22.56 0.11 -0.36	16.59 0.08 -0.46	18.52 0.09 -0.34
JENNISON____1 23625	35.97 2.48 0.00	31.25 2.21 0.00	30.62 2.11 0.00	30.41 2.15 0.00	30.99 2.30 0.00	35.46 2.66 0.00	45.44 3.38 -4.03	52.17 3.30 -10.92	46.98 4.00 -5.60	38.96 3.35 -1.39	33.15 2.42 -1.23	30.63 2.12 -1.02	24.72 1.37 -4.34	25.19 1.48 -3.70	25.08 1.48 -3.93	26.56 1.75 -3.42	28.11 1.75 -6.25	39.72 2.39 -5.82	48.44 2.80 -8.73	43.27 2.70 -5.92	35.13 2.15 -4.36	30.28 1.57 -6.62	25.63 1.08 -8.51	25.50 1.18 -6.24
JENNISON____2 23626	35.97 2.48 0.00	31.25 2.21 0.00	30.62 2.11 0.00	30.41 2.15 0.00	30.99 2.30 0.00	35.46 2.66 0.00	45.44 3.38 -4.03	52.17 3.30 -10.92	46.98 4.00 -5.60	38.96 3.35 -1.39	33.15 2.42 -1.23	30.63 2.12 -1.02	24.72 1.37 -4.34	25.19 1.48 -3.70	25.08 1.48 -3.93	26.56 1.75 -3.42	28.11 1.75 -6.25	39.72 2.39 -5.82	48.44 2.80 -8.73	43.27 2.70 -5.92	35.13 2.15 -4.36	30.28 1.57 -6.62	25.63 1.08 -8.51	25.50 1.18 -6.24
JERICHO_RISE_WT_PWR 323719	33.19 -0.30 0.00	28.84 -0.20 0.00	28.26 -0.26 0.00	27.95 -0.31 0.00	28.32 -0.37 0.00	32.21 -0.59 0.00	36.81 -1.22 0.00	36.93 -1.02 0.00	36.30 -1.09 0.00	33.33 -0.89 0.00	28.82 -0.68 0.00	26.50 -0.99 0.00	18.12 -0.89 0.00	18.95 -1.06 0.00	18.67 -1.00 0.00	20.36 -1.03 0.00	19.26 -0.84 0.00	30.31 -1.20 0.00	36.02 -0.89 0.00	33.50 -1.14 0.00	27.69 -0.94 0.00	21.31 -0.77 0.00	15.44 -0.61 0.00	17.46 -0.63 0.00
KATONAH____115KV_46KV_TB4 355592	36.04 2.55 0.00	31.04 2.00 0.00	30.54 2.02 0.00	30.27 2.01 0.00	30.88 2.18 0.00	35.49 2.69 0.00	50.69 3.27 -9.40	66.70 3.30 -25.45	55.20 3.29 -14.52	40.94 3.11 -3.61	35.37 2.68 -3.19	32.45 2.31 -2.64	31.81 1.54 -11.26	31.19 1.58 -9.60	31.43 1.55 -10.20	31.94 1.67 -8.88	37.89 1.55 -16.23	47.42 2.36 -13.55	60.12 2.88 -20.33	51.14 2.70 -13.80	40.96 2.18 -10.15	39.26 1.74 -15.43	37.08 1.20 -19.83	33.90 1.28 -14.53
KCE_NY_1 323755	35.54 2.04 0.00	30.72 1.68 0.00	30.28 1.77 0.00	30.12 1.86 0.00	30.59 1.89 0.00	35.19 2.39 0.00	52.74 2.89 -11.83	72.82 2.85 -32.03	58.47 2.81 -18.27	41.09 2.33 -4.54	35.34 1.83 -4.01	32.42 1.59 -3.33	34.21 1.03 -14.17	33.19 1.10 -12.08	33.56 1.04 -12.84	33.72 1.15 -11.17	41.64 1.11 -20.43	50.45 1.89 -17.06	64.78 2.29 -25.58	54.12 2.11 -17.36	43.15 1.75 -12.77	42.76 1.26 -19.41	41.83 0.83 -24.95	37.26 0.89 -18.28
KCE_NY_6_ESR 323823	34.06 0.57 0.00	29.71 0.67 0.00	29.00 0.48 0.00	28.51 0.25 0.00	29.35 0.66 0.00	33.39 0.59 0.00	40.53 -0.04 -2.54	43.82 -1.02 -6.89	40.80 -0.45 -3.86	34.90 -0.27 -0.96	29.91 -0.44 -0.85	28.11 -0.08 -0.70	21.88 -0.13 -2.99	22.58 0.02 -2.55	22.37 -0.02 -2.71	23.51 -0.23 -2.36	24.14 -0.28 -4.32	34.42 -0.76 -3.67	40.97 -1.44 -5.50	37.37 -1.01 -3.74	30.75 -0.63 -2.75	25.78 -0.49 -4.18	21.32 -0.10 -5.37	21.91 -0.11 -3.93
KEDC_PORT_JEFF_GT2 24210	39.27 5.02 -0.75	36.90 4.04 -3.82	34.30 4.25 -1.54	34.07 4.49 -1.31	37.08 4.53 -3.86	40.34 4.92 -2.62	53.18 5.85 -9.30	68.73 5.62 -25.17	57.51 5.76 -14.36	51.05 4.89 -11.94	44.30 5.34 -9.46	40.55 4.98 -8.08	36.69 3.29 -14.39	35.34 3.44 -11.89	35.82 3.44 -12.70	41.60 3.70 -16.51	44.32 3.42 -20.79	64.69 4.63 -28.55	88.98 4.58 -47.50	67.36 5.13 -27.59	52.58 4.21 -19.74	50.01 3.34 -24.59	45.34 2.53 -26.76	42.39 2.91 -21.39
KEDC_PORT_JEFF_GT3 24211	39.27 5.02 -0.75	36.90 4.04 -3.82	34.30 4.25 -1.54	34.07 4.49 -1.31	37.08 4.53 -3.86	40.34 4.92 -2.62	53.18 5.85 -9.30	68.73 5.62 -25.17	57.51 5.76 -14.36	51.05 4.89 -11.94	44.30 5.34 -9.46	40.55 4.98 -8.08	36.69 3.29 -14.39	35.34 3.44 -11.89	35.82 3.44 -12.70	41.60 3.70 -16.51	44.32 3.42 -20.79	64.69 4.63 -28.55	88.98 4.58 -47.50	67.36 5.13 -27.59	52.58 4.21 -19.74	50.01 3.34 -24.59	45.34 2.53 -26.76	42.39 2.91 -21.39
KEDC_GLWD_GT4 24219	37.46 3.22 -0.75	35.42 2.56 -3.82	32.56 2.51 -1.54	32.14 2.57 -1.31	35.28 2.73 -3.85	38.79 3.38 -2.62	51.16 3.84 -9.30	66.94 3.83 -25.16	55.67 3.92 -14.36	47.81 3.80 -9.80	42.31 3.36 -9.45	38.62 3.05 -8.07	35.42 2.01 -14.39	34.02 2.12 -11.89	34.40 2.03 -12.69	40.07 2.18 -16.50	42.94 2.05 -20.78	63.08 3.02 -28.55	81.26 3.62 -40.74	65.66 3.43 -27.58	51.14 2.78 -19.73	48.87 2.21 -24.58	44.37 1.57 -26.75	41.17 1.70 -21.38
KEDC_GLWD_GT5 24220	37.46 3.22 -0.75	35.42 2.56 -3.82	32.56 2.51 -1.54	32.14 2.57 -1.31	35.28 2.73 -3.85	38.79 3.38 -2.62	51.16 3.84 -9.30	66.94 3.83 -25.16	55.67 3.92 -14.36	47.81 3.80 -9.80	42.31 3.36 -9.45	38.62 3.05 -8.07	35.42 2.01 -14.39	34.02 2.12 -11.89	34.40 2.03 -12.69	40.07 2.18 -16.50	42.94 2.05 -20.78	63.08 3.02 -28.55	81.26 3.62 -40.74	65.66 3.43 -27.58	51.14 2.78 -19.73	48.87 2.21 -24.58	44.37 1.57 -26.75	41.17 1.70 -21.38
KENSICO____ 23655	35.87 2.38 0.00	30.93 1.89 0.00	30.37 1.85 0.00	30.10 1.84 0.00	30.70 2.01 0.00	35.36 2.56 0.00	50.23 2.93 -9.28	66.07 3.00 -25.12	54.67 2.95 -14.33	40.65 2.87 -3.56	35.27 2.63 -3.15	32.47 2.36 -2.61	31.69 1.56 -11.11	31.11 1.62 -9.47	31.30 1.55 -10.07	31.80 1.65 -8.76	37.65 1.53 -16.02	47.06 2.17 -13.38	59.59 2.62 -20.07	50.79 2.53 -13.62	40.65 2.00 -10.02	38.93 1.61 -15.23	36.77 1.16 -19.57	33.70 1.27 -14.34
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	35.91 2.41 0.00	31.07 2.03 0.00	30.48 1.97 0.00	30.18 1.92 0.00	30.67 1.98 0.00	35.19 2.39 0.00	49.31 2.78 -8.51	63.87 2.88 -23.04	53.23 2.69 -13.15	39.95 2.46 -3.27	34.57 2.18 -2.89	31.81 1.92 -2.39	30.50 1.29 -10.19	30.06 1.36 -8.69	30.23 1.32 -9.24	30.82 1.39 -8.04	36.11 1.31 -14.70	45.76 1.98 -12.27	57.86 2.55 -18.40	49.52 2.39 -12.49	39.74 1.92 -9.19	37.53 1.48 -13.97	35.02 1.03 -17.95	32.40 1.16 -13.15
KIAC_JFK_GT1 23816	36.51 3.01 0.00	31.36 2.32 0.00	30.77 2.25 0.00	30.52 2.26 0.00	31.19 2.50 0.00	36.01 3.21 0.00	50.90 3.57 -9.30	66.76 3.64 -25.16	55.33 3.59 -14.35	41.34 3.56 -3.57	35.87 3.22 -3.15	33.05 2.94 -2.61	32.08 1.94 -11.13	31.54 2.04 -9.49	31.69 1.93 -10.08	32.24 2.07 -8.78	38.08 1.93 -16.04	47.58 2.68 -13.40	60.21 3.21 -20.10	51.33 3.05 -13.64	41.12 2.46 -10.03	39.35 2.01 -15.26	37.11 1.46 -19.60	34.04 1.59 -14.36
KIAC_JFK_GT2 23817	36.51 3.01 0.00	31.36 2.32 0.00	30.77 2.25 0.00	30.52 2.26 0.00	31.19 2.50 0.00	36.01 3.21 0.00	50.90 3.57 -9.30	66.76 3.64 -25.16	55.33 3.59 -14.35	41.34 3.56 -3.57	35.87 3.22 -3.15	33.05 2.94 -2.61	32.08 1.94 -11.13	31.54 2.04 -9.49	31.69 1.93 -10.08	32.24 2.07 -8.78	38.08 1.93 -16.04	47.58 2.68 -13.40	60.21 3.21 -20.10	51.33 3.05 -13.64	41.12 2.46 -10.03	39.35 2.01 -15.26	37.11 1.46 -19.60	34.04 1.59 -14.36

KIAC_JFK____ 323774	36.51 3.02 0.00	31.36 2.32 0.00	30.76 2.25 0.00	30.58 2.32 0.00	31.19 2.50 0.00	35.98 3.18 0.00	50.90 3.57 -9.30	66.76 3.64 -25.16	55.33 3.59 -14.35	41.34 3.56 -3.57	35.87 3.22 -3.15	33.05 2.94 -2.61	32.08 1.94 -11.13	31.54 2.04 -9.49	31.69 1.93 -10.08	32.24 2.07 -8.78	38.08 1.93 -16.04	47.58 2.68 -13.40	60.21 3.21 -20.10	51.33 3.05 -13.64	41.12 2.46 -10.03	39.35 2.01 -15.26	37.11 1.46 -19.60	34.04 1.59 -14.36
KINTIGH____ 23543	33.13 -0.37 0.00	28.78 -0.26 0.00	28.20 -0.31 0.00	27.92 -0.34 0.00	28.49 -0.20 0.00	32.41 -0.39 0.00	39.91 -0.42 -2.31	42.94 -1.25 -6.25	40.07 -0.82 -3.50	34.54 -0.55 -0.87	29.56 -0.71 -0.77	27.80 -0.33 -0.64	21.50 -0.23 -2.72	22.17 -0.16 -2.32	21.98 -0.16 -2.46	23.21 -0.32 -2.14	23.66 -0.36 -3.91	33.98 -0.85 -3.33	40.31 -1.59 -4.99	36.92 -1.11 -3.39	30.38 -0.74 -2.49	25.30 -0.57 -3.79	20.75 -0.16 -4.87	21.51 -0.14 -3.57
KNTFSRNC_46_KV_46KV_LOAD 80397	33.70 0.20 0.00	29.30 0.26 0.00	28.71 0.20 0.00	28.29 0.03 0.00	28.78 0.09 0.00	32.73 -0.07 0.00	37.26 -0.76 0.00	37.38 -0.57 0.00	36.75 -0.64 0.00	33.74 -0.48 0.00	29.18 -0.32 0.00	26.81 -0.69 0.00	18.31 -0.70 0.00	19.15 -0.86 0.00	18.87 -0.81 0.00	20.57 -0.81 0.00	19.48 -0.62 0.00	30.65 -0.85 0.00	36.65 -0.26 0.00	34.05 -0.59 0.00	28.17 -0.46 0.00	21.67 -0.42 0.00	15.66 -0.39 0.00	17.73 -0.36 0.00
LACHUTE____HYDRO 323717	36.54 3.05 0.00	31.60 2.56 0.00	31.28 2.76 0.00	31.17 2.91 0.00	31.56 2.87 0.00	36.57 3.77 0.00	54.66 4.79 -11.84	74.95 4.93 -32.07	60.62 4.93 -18.30	42.46 3.70 -4.55	36.26 2.74 -4.02	33.11 2.28 -3.33	34.65 1.44 -14.19	33.67 1.56 -12.10	33.95 1.42 -12.86	34.20 1.62 -11.19	42.13 1.57 -20.45	51.45 2.87 -17.08	66.10 3.58 -25.62	55.32 3.29 -17.39	44.05 2.63 -12.79	43.36 1.83 -19.44	42.15 1.12 -24.98	37.55 1.16 -18.31
LAWRNCV_115KV_TB1 80681	32.79 -0.70 0.00	28.55 -0.49 0.00	28.03 -0.48 0.00	27.75 -0.51 0.00	28.03 -0.66 0.00	31.68 -1.12 0.00	36.94 -1.33 -0.25	37.44 -1.18 -0.66	36.30 -1.46 -0.37	32.94 -1.37 -0.09	28.46 -1.12 -0.08	26.35 -1.21 -0.07	18.39 -0.91 -0.29	19.26 -1.00 -0.25	18.98 -0.96 -0.26	20.59 -1.03 -0.23	19.60 -0.92 -0.42	30.50 -1.35 -0.35	36.14 -1.29 -0.53	33.58 -1.42 -0.36	27.75 -1.15 -0.26	21.69 -0.80 -0.40	16.03 -0.53 -0.52	18.02 -0.45 -0.38
LEDERLE____ 23769	35.54 2.04 0.00	30.72 1.68 0.00	30.17 1.65 0.00	29.87 1.61 0.00	30.44 1.75 0.00	34.96 2.16 0.00	49.09 2.59 -8.49	63.66 2.73 -22.98	53.08 2.58 -13.11	39.94 2.46 -3.26	34.65 2.27 -2.88	31.94 2.06 -2.39	30.55 1.37 -10.16	30.12 1.44 -8.67	30.27 1.38 -9.21	30.84 1.43 -8.02	36.05 1.29 -14.66	45.60 1.86 -12.24	57.62 2.36 -18.35	49.39 2.29 -12.46	39.63 1.83 -9.16	37.45 1.44 -13.93	34.95 1.01 -17.90	32.34 1.14 -13.12
LIGHTHSE_115KV_TB6 355974	33.33 -0.17 0.00	28.92 -0.12 0.00	28.37 -0.14 0.00	28.15 -0.11 0.00	28.52 -0.17 0.00	32.57 -0.23 0.00	39.47 -0.04 -1.49	41.90 -0.08 -4.02	39.43 -0.22 -2.27	34.47 -0.31 -0.56	29.62 -0.38 -0.50	27.58 -0.33 -0.41	20.60 -0.17 -1.76	21.35 -0.16 -1.50	21.09 -0.18 -1.59	22.62 -0.15 -1.39	22.52 -0.12 -2.53	33.58 -0.06 -2.14	40.08 -0.04 -3.21	36.79 -0.03 -2.18	30.21 -0.03 -1.60	24.50 -0.02 -2.44	19.20 0.02 -3.13	20.39 0.00 -2.30
LINDEN COGEN____ 23786	35.91 2.41 0.00	30.93 1.89 0.00	30.37 1.85 0.00	30.12 1.86 0.00	30.73 2.04 0.00	35.39 2.59 0.00	50.20 2.89 -9.29	66.07 2.96 -25.16	54.66 2.92 -14.35	40.80 3.01 -3.57	35.46 2.80 -3.15	32.64 2.53 -2.61	31.82 1.67 -11.13	31.24 1.74 -9.49	31.39 1.63 -10.08	31.90 1.73 -8.78	37.74 1.59 -16.04	46.98 2.08 -13.40	59.55 2.54 -20.10	50.70 2.42 -13.64	40.61 1.95 -10.03	38.95 1.61 -15.25	36.83 1.19 -19.60	33.77 1.32 -14.36
LINDHRST_69_KV_BK1 356055	38.02 3.79 -0.74	35.90 3.05 -3.82	33.07 3.02 -1.53	32.56 3.00 -1.30	35.78 3.24 -3.85	39.28 3.87 -2.61	51.69 4.37 -9.29	67.47 4.36 -25.15	56.19 4.45 -14.35	48.43 4.24 -9.96	42.81 3.86 -9.45	39.11 3.55 -8.07	35.75 2.36 -14.38	34.35 2.46 -11.88	34.74 2.38 -12.69	40.47 2.59 -16.50	43.32 2.43 -20.78	63.57 3.53 -28.54	82.33 4.13 -41.29	66.21 3.98 -27.58	51.59 3.24 -19.73	49.22 2.56 -24.57	44.62 1.83 -26.75	41.49 2.03 -21.37
LIPA_MISC_IPP 23656	39.19 4.96 -0.74	37.10 4.24 -3.82	34.41 4.36 -1.53	33.94 4.38 -1.30	37.11 4.56 -3.85	40.07 4.66 -2.61	53.14 5.82 -9.30	68.88 5.77 -25.16	57.61 5.87 -14.36	50.82 4.89 -11.71	44.41 5.46 -9.45	40.65 5.09 -8.07	36.74 3.35 -14.38	35.41 3.52 -11.88	35.89 3.52 -12.69	41.67 3.79 -16.50	44.33 3.44 -20.78	64.81 4.76 -28.54	88.39 4.69 -46.80	67.46 5.23 -27.58	52.65 4.29 -19.73	50.04 3.38 -24.58	45.33 2.54 -26.75	42.44 2.97 -21.38
LISF____SOLAR 323691	39.27 5.02 -0.75	37.02 4.15 -3.82	34.47 4.42 -1.54	34.15 4.58 -1.31	37.14 4.59 -3.86	40.27 4.85 -2.62	53.26 5.93 -9.30	68.92 5.81 -25.17	57.70 5.95 -14.37	50.87 4.93 -11.73	44.50 5.54 -9.46	40.72 5.14 -8.08	36.81 3.40 -14.39	35.46 3.56 -11.89	35.94 3.56 -12.70	41.74 3.85 -16.51	44.38 3.48 -20.79	64.88 4.82 -28.55	88.49 4.76 -46.82	67.53 5.30 -27.59	52.72 4.35 -19.74	50.10 3.42 -24.59	45.37 2.57 -26.76	42.50 3.02 -21.39
LITTLE FALLS____HYD 24013	34.33 0.84 0.00	29.94 0.90 0.00	29.37 0.86 0.00	29.14 0.88 0.00	29.38 0.69 0.00	33.62 0.82 0.00	39.31 1.06 -0.22	39.49 0.95 -0.59	38.62 0.90 -0.33	35.12 0.82 -0.08	30.37 0.80 -0.07	28.24 0.69 -0.06	19.67 0.40 -0.26	20.59 0.36 -0.22	20.26 0.35 -0.23	22.02 0.43 -0.20	20.84 0.36 -0.37	32.48 0.66 -0.32	38.19 0.81 -0.47	35.69 0.73 -0.32	29.44 0.57 -0.24	22.89 0.44 -0.36	16.81 0.30 -0.46	18.86 0.43 -0.34
LITTLRIV_115KV_TB1 356100	33.06 -0.44 0.00	28.87 -0.17 0.00	28.28 -0.23 0.00	28.03 -0.23 0.00	28.32 -0.37 0.00	32.01 -0.79 0.00	37.45 -0.84 -0.26	37.93 -0.72 -0.71	36.74 -1.05 -0.40	33.33 -0.99 -0.10	28.76 -0.83 -0.09	26.60 -0.96 -0.07	18.56 -0.76 -0.31	19.43 -0.84 -0.26	19.15 -0.81 -0.28	20.80 -0.83 -0.24	19.79 -0.76 -0.44	30.84 -1.04 -0.38	36.62 -0.85 -0.57	33.99 -1.04 -0.38	28.08 -0.83 -0.28	21.92 -0.60 -0.43	16.20 -0.40 -0.55	18.19 -0.31 -0.40
LI_NEWBRDGE____DRP 323616	37.11 2.88 -0.74	35.15 2.29 -3.81	32.32 2.28 -1.53	31.82 2.26 -1.30	35.01 2.47 -3.85	38.46 3.05 -2.61	50.66 3.35 -9.29	66.51 3.42 -25.15	55.18 3.44 -14.35	47.41 3.42 -9.77	42.01 3.07 -9.44	38.34 2.78 -8.07	35.24 1.84 -14.38	33.81 1.92 -11.88	34.21 1.85 -12.68	39.85 1.97 -16.49	42.73 1.85 -20.78	62.69 2.65 -28.54	80.75 3.17 -40.67	65.23 3.01 -27.58	50.79 2.43 -19.72	48.60 1.94 -24.57	44.18 1.40 -26.74	41.00 1.54 -21.37
LOCKPORT_115KV_TB60_63_64 80432	33.36 -0.13 0.00	29.04 0.00 0.00	28.43 -0.09 0.00	28.15 -0.11 0.00	28.78 0.09 0.00	32.67 -0.13 0.00	39.83 -0.61 -2.41	42.88 -1.59 -6.53	39.95 -1.08 -3.65	34.37 -0.75 -0.91	29.39 -0.91 -0.80	27.66 -0.49 -0.66	21.45 -0.40 -2.83	22.16 -0.26 -2.41	21.95 -0.30 -2.56	23.13 -0.49 -2.23	23.64 -0.54 -4.08	33.82 -1.17 -3.48	40.09 -2.03 -5.21	36.66 -1.52 -3.54	30.17 -1.06 -2.60	25.23 -0.82 -3.96	20.83 -0.30 -5.08	21.53 -0.29 -3.73

LOCKPORT___CC1 323769	33.40 -0.10 0.00	29.16 0.12 0.00	28.37 -0.14 0.00	27.92 -0.34 0.00	28.78 0.09 0.00	32.73 -0.07 0.00	39.87 -0.57 -2.42	42.76 -1.75 -6.55	39.93 -1.12 -3.67	34.38 -0.75 -0.91	29.39 -0.91 -0.80	27.67 -0.49 -0.67	21.46 -0.40 -2.84	22.17 -0.26 -2.42	21.98 -0.28 -2.58	23.14 -0.49 -2.24	23.66 -0.54 -4.10	33.83 -1.17 -3.49	40.11 -2.03 -5.24	36.67 -1.52 -3.55	30.19 -1.06 -2.61	25.24 -0.82 -3.97	20.86 -0.29 -5.11	21.54 -0.29 -3.74
LOCKPORT___CC2 323770	33.40 -0.10 0.00	29.16 0.12 0.00	28.37 -0.14 0.00	27.92 -0.34 0.00	28.78 0.09 0.00	32.73 -0.07 0.00	39.87 -0.57 -2.42	42.76 -1.75 -6.55	39.93 -1.12 -3.67	34.38 -0.75 -0.91	29.39 -0.91 -0.80	27.67 -0.49 -0.67	21.46 -0.40 -2.84	22.17 -0.26 -2.42	21.98 -0.28 -2.58	23.14 -0.49 -2.24	23.66 -0.54 -4.10	33.83 -1.17 -3.49	40.11 -2.03 -5.24	36.67 -1.52 -3.55	30.19 -1.06 -2.61	25.24 -0.82 -3.97	20.86 -0.29 -5.11	21.54 -0.29 -3.74
LOCKPORT___CC3 323771	33.40 -0.10 0.00	29.16 0.12 0.00	28.37 -0.14 0.00	27.92 -0.34 0.00	28.78 0.09 0.00	32.73 -0.07 0.00	39.87 -0.57 -2.42	42.76 -1.75 -6.55	39.93 -1.12 -3.67	34.38 -0.75 -0.91	29.39 -0.91 -0.80	27.67 -0.49 -0.67	21.46 -0.40 -2.84	22.17 -0.26 -2.42	21.98 -0.28 -2.58	23.14 -0.49 -2.24	23.66 -0.54 -4.10	33.83 -1.17 -3.49	40.11 -2.03 -5.24	36.67 -1.52 -3.55	30.19 -1.06 -2.61	25.24 -0.82 -3.97	20.86 -0.29 -5.11	21.54 -0.29 -3.74
LONG_LAKE_PHOENIX 24014	33.16 -0.33 0.00	28.84 -0.20 0.00	28.31 -0.20 0.00	28.06 -0.20 0.00	28.32 -0.37 0.00	32.31 -0.49 0.00	39.26 -0.42 -1.66	41.98 -0.46 -4.49	39.50 -0.41 -2.53	34.40 -0.44 -0.63	29.76 -0.30 -0.55	27.76 -0.19 -0.46	20.94 -0.04 -1.96	21.66 -0.02 -1.67	21.45 0.00 -1.78	22.93 0.00 -1.55	22.85 -0.08 -2.82	33.77 -0.13 -2.39	40.23 -0.26 -3.58	36.90 -0.17 -2.43	30.28 -0.14 -1.79	24.67 -0.13 -2.72	19.49 -0.05 -3.49	20.63 -0.02 -2.56
LOVETT___3 23632	35.34 1.84 0.00	30.52 1.48 0.00	30.00 1.48 0.00	29.70 1.44 0.00	30.30 1.61 0.00	34.80 2.00 0.00	48.88 2.36 -8.50	63.46 2.50 -23.01	52.87 2.36 -13.13	39.74 2.26 -3.26	34.48 2.09 -2.88	31.81 1.92 -2.39	30.47 1.27 -10.18	30.03 1.34 -8.68	30.18 1.28 -9.22	30.72 1.30 -8.03	35.95 1.17 -14.67	45.43 1.67 -12.25	57.42 2.14 -18.38	49.19 2.08 -12.47	39.47 1.66 -9.18	37.36 1.33 -13.95	34.90 0.93 -17.92	32.27 1.05 -13.13
LOVETT___4 23642	35.34 1.84 0.00	30.52 1.48 0.00	30.00 1.48 0.00	29.70 1.44 0.00	30.30 1.61 0.00	34.80 2.00 0.00	48.88 2.36 -8.50	63.46 2.50 -23.01	52.87 2.36 -13.13	39.74 2.26 -3.26	34.48 2.09 -2.88	31.81 1.92 -2.39	30.47 1.27 -10.18	30.03 1.34 -8.68	30.18 1.28 -9.22	30.72 1.30 -8.03	35.95 1.17 -14.67	45.43 1.67 -12.25	57.42 2.14 -18.38	49.19 2.08 -12.47	39.47 1.66 -9.18	37.36 1.33 -13.95	34.90 0.93 -17.92	32.27 1.05 -13.13
LOVETT___5 23593	35.34 1.84 0.00	30.52 1.48 0.00	30.00 1.48 0.00	29.70 1.44 0.00	30.30 1.61 0.00	34.80 2.00 0.00	48.88 2.36 -8.50	63.46 2.50 -23.01	52.87 2.36 -13.13	39.74 2.26 -3.26	34.48 2.09 -2.88	31.81 1.92 -2.39	30.47 1.27 -10.18	30.03 1.34 -8.68	30.18 1.28 -9.22	30.72 1.30 -8.03	35.95 1.17 -14.67	45.43 1.67 -12.25	57.42 2.14 -18.38	49.19 2.08 -12.47	39.47 1.66 -9.18	37.36 1.33 -13.95	34.90 0.93 -17.92	32.27 1.05 -13.13
LOWER_RAQUET___HYD 24057	32.73 -0.77 0.00	28.49 -0.55 0.00	27.97 -0.54 0.00	27.67 -0.59 0.00	27.95 -0.75 0.00	31.55 -1.25 0.00	36.85 -1.44 -0.28	37.45 -1.25 -0.75	36.16 -1.64 -0.42	32.78 -1.54 -0.10	28.30 -1.30 -0.09	26.20 -1.37 -0.08	18.31 -1.03 -0.33	19.17 -1.12 -0.28	18.87 -1.10 -0.30	20.49 -1.16 -0.26	19.53 -1.05 -0.47	30.39 -1.51 -0.40	36.06 -1.44 -0.60	33.46 -1.59 -0.41	27.64 -1.29 -0.30	21.63 -0.91 -0.45	16.05 -0.58 -0.58	18.03 -0.49 -0.43
LOWER___HUDSON 24059	35.10 1.61 0.00	30.38 1.34 0.00	29.91 1.40 0.00	29.73 1.47 0.00	30.16 1.46 0.00	34.63 1.84 0.00	51.81 2.17 -11.62	71.55 2.12 -31.47	57.44 2.09 -17.96	40.49 1.81 -4.46	34.95 1.50 -3.94	32.14 1.37 -3.27	33.79 0.86 -13.92	32.80 0.92 -11.87	33.20 0.91 -12.62	33.35 0.98 -10.98	41.08 0.91 -20.07	49.78 1.51 -16.76	63.82 1.77 -25.14	53.37 1.66 -17.06	42.56 1.37 -12.55	42.18 1.02 -19.08	41.25 0.69 -24.52	36.80 0.74 -17.97
LOWVILLE_115KV_TB2 356335	33.80 0.30 0.00	29.39 0.35 0.00	28.80 0.29 0.00	28.60 0.34 0.00	28.98 0.29 0.00	33.06 0.26 0.00	39.30 0.61 -0.67	40.41 0.65 -1.82	38.82 0.41 -1.02	34.64 0.17 -0.25	29.70 -0.03 -0.22	27.54 -0.14 -0.19	19.66 -0.15 -0.79	20.51 -0.18 -0.68	20.24 -0.16 -0.72	21.95 -0.06 -0.63	21.25 0.00 -1.14	32.82 0.35 -0.97	38.99 0.63 -1.45	35.87 0.24 -0.99	29.73 0.37 -0.73	23.48 0.29 -1.10	17.62 0.16 -1.42	19.36 0.24 -1.04
LUTHERFT_115KV_GLOB_FND_222 355753	35.51 2.01 0.00	30.70 1.66 0.00	30.25 1.74 0.00	30.07 1.81 0.00	30.56 1.87 0.00	35.16 2.36 0.00	52.70 2.85 -11.83	72.82 2.85 -32.03	58.46 2.80 -18.27	41.05 2.29 -4.54	35.31 1.80 -4.01	32.42 1.59 -3.33	34.19 1.01 -14.17	33.17 1.08 -12.08	33.54 1.02 -12.84	33.70 1.13 -11.17	41.64 1.11 -20.43	50.42 1.86 -17.06	64.74 2.25 -25.58	54.08 2.08 -17.36	43.12 1.72 -12.77	42.76 1.26 -19.41	41.83 0.83 -24.95	37.24 0.87 -18.28
LUTHERNY_35_KV_BK2 355980	35.54 2.04 0.00	30.72 1.68 0.00	30.28 1.77 0.00	30.10 1.84 0.00	30.59 1.89 0.00	35.19 2.39 0.00	52.74 2.89 -11.83	72.86 2.88 -32.03	58.50 2.84 -18.27	41.08 2.33 -4.54	35.34 1.83 -4.01	32.42 1.59 -3.33	34.21 1.03 -14.17	33.19 1.10 -12.08	33.56 1.04 -12.84	33.72 1.15 -11.17	41.64 1.11 -20.43	50.45 1.89 -17.06	64.78 2.29 -25.58	54.12 2.11 -17.36	43.15 1.75 -12.77	42.76 1.26 -19.41	41.83 0.83 -24.95	37.26 0.89 -18.28
LWR___OSWEGATCHIE_HYD 23850	33.06 -0.44 0.00	28.72 -0.32 0.00	28.14 -0.37 0.00	27.92 -0.34 0.00	28.29 -0.40 0.00	32.08 -0.72 0.00	37.89 -0.65 -0.51	38.76 -0.57 -1.38	37.30 -0.86 -0.78	33.49 -0.92 -0.19	28.76 -0.91 -0.17	26.65 -0.99 -0.14	18.88 -0.74 -0.60	19.73 -0.80 -0.51	19.44 -0.79 -0.55	21.09 -0.77 -0.48	20.31 -0.66 -0.87	31.45 -0.79 -0.74	37.38 -0.63 -1.10	34.53 -0.87 -0.75	28.58 -0.60 -0.55	22.50 -0.42 -0.84	16.83 -0.29 -1.08	18.64 -0.24 -0.79
LYONS_FALL_HYD 23570	34.00 0.50 0.00	29.59 0.55 0.00	29.00 0.48 0.00	28.71 0.45 0.00	29.18 0.49 0.00	33.32 0.52 0.00	39.51 0.88 -0.61	40.52 0.91 -1.66	39.03 0.71 -0.93	34.96 0.51 -0.23	30.00 0.29 -0.20	27.86 0.19 -0.17	19.83 0.10 -0.72	20.71 0.08 -0.62	20.41 0.08 -0.66	22.13 0.17 -0.57	21.35 0.20 -1.04	32.96 0.57 -0.88	39.08 0.85 -1.33	36.09 0.55 -0.90	29.83 0.54 -0.66	23.51 0.42 -1.01	17.59 0.26 -1.29	19.36 0.33 -0.95
MADISON___COUNTY_LFGE 323628	34.67 1.17 0.00	30.17 1.13 0.00	29.57 1.05 0.00	29.36 1.10 0.00	29.76 1.06 0.00	34.01 1.21 0.00	40.67 1.71 -0.94	42.19 1.71 -2.54	40.38 1.57 -1.43	35.84 1.27 -0.35	30.82 1.00 -0.31	28.61 0.85 -0.26	20.69 0.57 -1.11	21.55 0.60 -0.94	21.29 0.61 -1.00	22.99 0.73 -0.87	22.38 0.68 -1.59	34.12 1.26 -1.35	40.48 1.55 -2.03	37.44 1.42 -1.38	30.76 1.12 -1.01	24.44 0.82 -1.54	18.57 0.55 -1.98	20.19 0.65 -1.45

MALONE___115KV_TB1 356076	33.36 -0.13 0.00	29.04 0.00 0.00	28.48 -0.03 0.00	28.09 -0.17 0.00	28.52 -0.17 0.00	32.37 -0.43 0.00	37.15 -0.87 0.00	37.27 -0.68 0.00	36.56 -0.82 0.00	33.53 -0.68 0.00	29.03 -0.47 0.00	26.72 -0.77 0.00	18.29 -0.72 0.00	19.15 -0.86 0.00	18.87 -0.81 0.00	20.55 -0.83 0.00	19.42 -0.68 0.00	30.53 -0.98 0.00	36.28 -0.63 0.00	33.74 -0.90 0.00	27.91 -0.72 0.00	21.51 -0.57 0.00	15.60 -0.45 0.00	17.66 -0.43 0.00
MAPLEWOD_115KV_TB3 80458	35.00 1.51 0.00	30.29 1.25 0.00	29.80 1.28 0.00	29.62 1.36 0.00	30.07 1.38 0.00	34.57 1.77 0.00	51.65 2.09 -11.54	71.19 2.01 -31.23	57.22 2.02 -17.82	40.36 1.71 -4.43	34.80 1.39 -3.91	32.06 1.32 -3.25	33.61 0.78 -13.81	32.63 0.84 -11.78	33.04 0.85 -12.52	33.16 0.88 -10.90	40.85 0.82 -19.92	49.52 1.39 -16.63	63.48 1.62 -24.95	53.10 1.52 -16.93	42.35 1.26 -12.46	41.95 0.93 -18.93	40.99 0.61 -24.33	36.59 0.67 -17.83
MAPLE_RIDGE_WT_1 323574	33.10 -0.40 0.00	28.63 -0.41 0.00	28.06 -0.46 0.00	27.81 -0.45 0.00	28.23 -0.46 0.00	32.21 -0.59 0.00	37.26 -0.76 0.00	37.11 -0.84 0.00	36.45 -0.93 0.00	33.30 -0.92 0.00	28.59 -0.91 0.00	26.48 -1.02 0.00	18.18 -0.84 0.00	18.97 -1.04 0.00	18.65 -1.02 0.00	20.38 -1.00 0.00	19.32 -0.78 0.00	30.43 -1.07 0.00	35.65 -1.25 0.00	33.22 -1.42 0.00	27.37 -1.26 0.00	21.05 -1.04 0.00	15.24 -0.80 0.00	17.15 -0.94 0.00
MAPLE_RIDGE_WT_2 323611	33.10 -0.40 0.00	28.63 -0.41 0.00	28.06 -0.46 0.00	27.81 -0.45 0.00	28.23 -0.46 0.00	32.21 -0.59 0.00	37.26 -0.76 0.00	37.11 -0.84 0.00	36.45 -0.93 0.00	33.30 -0.92 0.00	28.59 -0.91 0.00	26.48 -1.02 0.00	18.18 -0.84 0.00	18.97 -1.04 0.00	18.65 -1.02 0.00	20.38 -1.00 0.00	19.32 -0.78 0.00	30.43 -1.07 0.00	35.65 -1.25 0.00	33.22 -1.42 0.00	27.37 -1.26 0.00	21.05 -1.04 0.00	15.24 -0.80 0.00	17.15 -0.94 0.00
MARBLE_RIVER_WT_PWR 323696	33.30 -0.20 0.00	28.92 -0.12 0.00	28.34 -0.17 0.00	28.03 -0.23 0.00	28.44 -0.26 0.00	32.34 -0.46 0.00	36.88 -1.14 0.00	37.00 -0.95 0.00	36.38 -1.01 0.00	33.40 -0.82 0.00	28.85 -0.65 0.00	26.53 -0.96 0.00	18.14 -0.87 0.00	18.97 -1.04 0.00	18.69 -0.98 0.00	20.38 -1.00 0.00	19.30 -0.80 0.00	30.37 -1.13 0.00	36.13 -0.78 0.00	33.60 -1.04 0.00	27.77 -0.86 0.00	21.38 -0.71 0.00	15.48 -0.56 0.00	17.51 -0.58 0.00
MARSHVLE_115KV_TB1 80742	35.84 2.34 0.00	30.96 1.92 0.00	30.42 1.91 0.00	30.24 1.98 0.00	30.90 2.21 0.00	35.59 2.79 0.00	56.25 3.73 -14.50	80.93 3.72 -39.26	63.27 3.36 -22.51	42.45 2.63 -5.59	36.30 1.86 -4.94	33.13 1.54 -4.10	37.46 0.99 -17.45	35.96 1.06 -14.88	36.44 0.94 -15.82	36.25 1.09 -13.77	46.44 1.17 -25.17	54.75 2.33 -20.91	71.15 2.88 -31.37	58.67 2.74 -21.29	46.49 2.20 -15.66	47.57 1.68 -23.80	47.69 1.06 -30.59	41.57 1.07 -22.41
MARSH_HILL_WT_PWR 323713	35.04 1.54 0.00	30.52 1.48 0.00	29.85 1.34 0.00	29.42 1.16 0.00	30.24 1.55 0.00	34.47 1.67 0.00	42.61 1.67 -2.92	46.95 1.10 -7.90	42.91 1.01 -4.52	36.16 0.82 -1.12	30.94 0.44 -0.99	28.81 0.50 -0.82	22.76 0.25 -3.50	23.38 0.38 -2.99	23.20 0.35 -3.17	24.66 0.51 -2.76	25.62 0.46 -5.05	36.37 0.66 -4.21	43.62 0.41 -6.31	39.44 0.52 -4.28	32.24 0.46 -3.15	27.18 0.31 -4.79	22.52 0.32 -6.15	22.94 0.34 -4.51
MCINTYRE_115KV_TB2 80467	33.26 -0.23 0.00	29.04 0.00 0.00	28.46 -0.06 0.00	28.20 -0.06 0.00	28.61 -0.09 0.00	32.41 -0.39 0.00	37.88 -0.38 -0.24	38.32 -0.27 -0.64	37.19 -0.56 -0.36	33.73 -0.58 -0.09	29.05 -0.53 -0.08	26.87 -0.69 -0.07	18.74 -0.55 -0.28	19.63 -0.62 -0.24	19.32 -0.61 -0.25	20.99 -0.62 -0.22	20.01 -0.50 -0.40	31.22 -0.63 -0.34	37.01 -0.41 -0.51	34.40 -0.59 -0.35	28.43 -0.46 -0.26	22.14 -0.33 -0.39	16.29 -0.26 -0.50	18.26 -0.20 -0.37
MECO_____69_KV_BK1 80468	36.34 2.85 0.00	31.80 2.76 0.00	31.25 2.74 0.00	31.11 2.85 0.00	31.33 2.64 0.00	36.21 3.41 0.00	56.41 4.60 -13.78	79.86 4.59 -37.32	63.06 4.30 -21.37	42.85 3.32 -5.31	36.94 2.74 -4.69	33.70 2.31 -3.89	37.09 1.50 -16.57	35.82 1.68 -14.13	36.33 1.63 -15.02	36.34 1.88 -13.07	45.64 1.65 -23.89	54.47 3.09 -19.87	70.41 3.69 -29.81	58.34 3.46 -20.23	46.32 2.81 -14.88	46.76 2.05 -22.62	46.40 1.28 -29.07	40.87 1.48 -21.30
MENANDS___115KV_TB5 355628	34.87 1.37 0.00	30.14 1.10 0.00	29.68 1.17 0.00	29.50 1.24 0.00	29.96 1.26 0.00	34.41 1.61 0.00	51.41 1.86 -11.52	70.93 1.78 -31.19	56.98 1.79 -17.80	40.21 1.57 -4.42	34.68 1.27 -3.91	31.97 1.24 -3.24	33.53 0.72 -13.80	32.56 0.78 -11.76	32.97 0.79 -12.50	33.04 0.77 -10.88	40.72 0.72 -19.89	49.31 1.20 -16.61	63.23 1.40 -24.92	52.84 1.28 -16.91	42.16 1.09 -12.44	41.79 0.80 -18.91	40.87 0.53 -24.30	36.47 0.58 -17.81
MG INDUSTRY___DRP 24185	34.90 1.41 0.00	30.20 1.16 0.00	29.71 1.20 0.00	29.53 1.27 0.00	29.99 1.29 0.00	34.41 1.61 0.00	51.09 1.86 -11.20	70.02 1.75 -30.33	56.44 1.76 -17.30	39.99 1.47 -4.30	34.51 1.21 -3.80	31.80 1.15 -3.15	33.11 0.68 -13.41	32.19 0.74 -11.44	32.58 0.75 -12.15	32.80 0.83 -10.58	40.23 0.78 -19.34	48.98 1.32 -16.15	62.65 1.51 -24.23	52.51 1.42 -16.44	41.93 1.20 -12.10	41.35 0.88 -18.39	40.28 0.61 -23.63	36.11 0.71 -17.31
MID___OSWEGATCHIE_HYD 23849	33.06 -0.44 0.00	28.72 -0.32 0.00	28.14 -0.37 0.00	27.92 -0.34 0.00	28.29 -0.40 0.00	32.08 -0.72 0.00	37.89 -0.65 -0.51	38.76 -0.57 -1.38	37.30 -0.86 -0.78	33.49 -0.92 -0.19	28.76 -0.91 -0.17	26.65 -0.99 -0.14	18.88 -0.74 -0.60	19.73 -0.80 -0.51	19.44 -0.79 -0.55	21.09 -0.77 -0.48	20.31 -0.66 -0.87	31.45 -0.79 -0.74	37.38 -0.63 -1.10	34.53 -0.87 -0.75	28.58 -0.60 -0.55	22.50 -0.42 -0.84	16.83 -0.29 -1.08	18.64 -0.24 -0.79
MID___RAQUETTE_HYD 23851	32.73 -0.77 0.00	28.52 -0.52 0.00	27.97 -0.54 0.00	27.69 -0.57 0.00	27.95 -0.75 0.00	31.55 -1.25 0.00	36.85 -1.44 -0.28	37.41 -1.29 -0.75	36.16 -1.65 -0.42	32.78 -1.54 -0.10	28.30 -1.30 -0.09	26.20 -1.37 -0.08	18.32 -1.03 -0.33	19.17 -1.12 -0.28	18.87 -1.10 -0.30	20.49 -1.15 -0.26	19.53 -1.05 -0.47	30.39 -1.51 -0.40	36.06 -1.44 -0.60	33.45 -1.59 -0.41	27.64 -1.29 -0.30	21.63 -0.91 -0.45	16.05 -0.58 -0.58	18.03 -0.49 -0.43
MILLIKEN___1 23584	34.84 1.34 0.00	30.26 1.22 0.00	29.68 1.17 0.00	29.42 1.16 0.00	29.93 1.23 0.00	34.18 1.38 0.00	42.70 1.79 -2.89	47.56 1.78 -7.82	43.37 1.79 -4.19	36.70 1.44 -1.04	31.48 1.06 -0.92	29.25 0.99 -0.76	22.95 0.68 -3.25	23.56 0.78 -2.77	23.41 0.79 -2.94	24.87 0.92 -2.56	25.61 0.82 -4.68	37.03 1.35 -4.17	44.67 1.51 -6.25	40.41 1.52 -4.24	32.95 1.20 -3.12	27.71 0.88 -4.74	22.78 0.64 -6.10	23.26 0.71 -4.47
MILLIKEN___2 23585	34.84 1.34 0.00	30.26 1.22 0.00	29.68 1.17 0.00	29.42 1.16 0.00	29.93 1.23 0.00	34.18 1.38 0.00	42.70 1.79 -2.89	47.56 1.78 -7.82	43.37 1.79 -4.19	36.70 1.44 -1.04	31.48 1.06 -0.92	29.25 0.99 -0.76	22.95 0.68 -3.25	23.56 0.78 -2.77	23.41 0.79 -2.94	24.87 0.92 -2.56	25.61 0.82 -4.68	37.03 1.35 -4.17	44.67 1.51 -6.25	40.41 1.52 -4.24	32.95 1.20 -3.12	27.71 0.88 -4.74	22.78 0.64 -6.10	23.26 0.71 -4.47

MILLIKEN___DIESEL 23629	34.84 1.34 0.00	30.26 1.22 0.00	29.68 1.17 0.00	29.42 1.16 0.00	29.93 1.23 0.00	34.18 1.38 0.00	42.70 1.79 -2.89	47.56 1.78 -7.82	43.37 1.79 -4.19	36.70 1.44 -1.04	31.48 1.06 -0.92	29.25 0.99 -0.76	22.95 0.68 -3.25	23.56 0.78 -2.77	23.41 0.79 -2.94	24.87 0.92 -2.56	25.61 0.82 -4.68	37.03 1.35 -4.17	44.67 1.51 -6.25	40.41 1.52 -4.24	32.95 1.20 -3.12	27.71 0.88 -4.74	22.78 0.64 -6.10	23.26 0.71 -4.47
MILLSEAT___LFGE 323607	33.80 0.30 0.00	29.48 0.44 0.00	28.68 0.17 0.00	28.23 -0.03 0.00	29.13 0.43 0.00	33.13 0.33 0.00	40.47 0.08 -2.37	43.54 -0.84 -6.43	40.72 -0.26 -3.60	35.08 -0.03 -0.89	29.91 -0.38 -0.79	28.07 -0.08 -0.66	21.69 -0.11 -2.79	22.43 0.04 -2.38	22.24 0.04 -2.53	23.46 -0.13 -2.20	23.91 -0.22 -4.02	34.39 -0.54 -3.42	40.82 -1.22 -5.14	37.37 -0.76 -3.49	30.71 -0.49 -2.56	25.59 -0.40 -3.90	21.01 -0.05 -5.01	21.74 -0.02 -3.67
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	35.81 2.31 0.00	30.87 1.83 0.00	30.34 1.82 0.00	30.07 1.81 0.00	30.67 1.98 0.00	35.29 2.49 0.00	50.10 2.85 -9.22	65.85 2.92 -24.98	54.52 2.88 -14.25	40.53 2.77 -3.54	35.14 2.51 -3.13	32.37 2.28 -2.60	31.57 1.50 -11.05	30.99 1.56 -9.42	31.18 1.50 -10.01	31.68 1.58 -8.71	37.50 1.47 -15.93	46.92 2.11 -13.30	59.41 2.55 -19.95	50.64 2.46 -13.54	40.54 1.95 -9.96	38.80 1.57 -15.14	36.63 1.12 -19.46	33.58 1.23 -14.26
MILLWOOD_13_KV_LOAD 356217	35.91 2.41 0.00	30.96 1.92 0.00	30.39 1.88 0.00	30.15 1.89 0.00	30.73 2.04 0.00	35.36 2.56 0.00	50.25 3.00 -9.22	66.00 3.07 -24.98	54.67 3.03 -14.25	40.67 2.91 -3.54	35.23 2.60 -3.13	32.40 2.31 -2.60	31.58 1.52 -11.05	31.01 1.58 -9.42	31.22 1.53 -10.01	31.73 1.63 -8.71	37.54 1.51 -15.93	47.01 2.21 -13.30	59.55 2.69 -19.95	50.75 2.56 -13.54	40.62 2.03 -9.96	38.86 1.63 -15.14	36.66 1.16 -19.46	33.60 1.25 -14.26
MODEL_CITY_ENERGY 24167	33.03 -0.47 0.00	28.87 -0.17 0.00	28.06 -0.46 0.00	27.61 -0.65 0.00	28.49 -0.20 0.00	32.37 -0.43 0.00	39.39 -1.06 -2.43	42.30 -2.24 -6.59	39.47 -1.61 -3.69	33.97 -1.16 -0.92	29.04 -1.27 -0.81	27.37 -0.80 -0.67	21.26 -0.61 -2.86	21.97 -0.48 -2.44	21.75 -0.51 -2.59	22.91 -0.73 -2.25	23.46 -0.76 -4.12	33.47 -1.54 -3.51	39.66 -2.51 -5.26	36.27 -1.94 -3.57	29.86 -1.40 -2.63	25.02 -1.06 -3.99	20.71 -0.47 -5.13	21.36 -0.49 -3.76
MODERN_LFGE___ 323580	33.03 -0.47 0.00	28.87 -0.17 0.00	28.06 -0.46 0.00	27.61 -0.65 0.00	28.49 -0.20 0.00	32.37 -0.43 0.00	39.39 -1.06 -2.43	42.30 -2.24 -6.59	39.47 -1.61 -3.69	33.97 -1.16 -0.92	29.04 -1.27 -0.81	27.37 -0.80 -0.67	21.26 -0.61 -2.86	21.97 -0.48 -2.44	21.75 -0.51 -2.59	22.91 -0.73 -2.25	23.46 -0.76 -4.12	33.47 -1.54 -3.51	39.66 -2.51 -5.26	36.27 -1.94 -3.57	29.86 -1.40 -2.63	25.02 -1.06 -3.99	20.71 -0.47 -5.13	21.36 -0.49 -3.76
MOHAWK_PAPER___DRP 24187	35.00 1.51 0.00	30.29 1.25 0.00	29.80 1.28 0.00	29.62 1.36 0.00	30.07 1.38 0.00	34.57 1.77 0.00	51.65 2.09 -11.54	71.19 2.01 -31.23	57.22 2.02 -17.82	40.36 1.71 -4.43	34.80 1.39 -3.91	32.06 1.32 -3.25	33.61 0.78 -13.81	32.63 0.84 -11.78	33.04 0.85 -12.52	33.16 0.88 -10.90	40.85 0.82 -19.92	49.52 1.39 -16.63	63.48 1.62 -24.95	53.10 1.52 -16.93	42.35 1.26 -12.46	41.95 0.93 -18.93	40.99 0.61 -24.33	36.59 0.67 -17.83
MOHICAN__35_KV_115KV_LD 80490	35.41 1.91 0.00	30.58 1.54 0.00	30.25 1.74 0.00	30.10 1.84 0.00	30.56 1.87 0.00	35.26 2.46 0.00	52.98 3.12 -11.84	73.15 3.15 -32.05	58.82 3.14 -18.29	41.16 2.40 -4.54	35.35 1.83 -4.01	32.36 1.54 -3.33	34.16 0.97 -14.18	33.14 1.04 -12.09	33.43 0.91 -12.85	33.60 1.03 -11.18	41.53 0.99 -20.44	50.28 1.70 -17.07	64.65 2.14 -25.61	53.99 1.97 -17.38	42.99 1.57 -12.78	42.62 1.10 -19.43	41.69 0.67 -24.97	37.06 0.67 -18.30
MONGAUP___HYD 23641	35.54 2.04 0.00	30.84 1.80 0.00	30.25 1.74 0.00	29.90 1.64 0.00	30.44 1.75 0.00	34.83 2.03 0.00	48.38 2.24 -8.12	62.01 2.09 -21.97	52.02 2.09 -12.54	39.42 2.09 -3.12	34.05 1.80 -2.75	31.37 1.59 -2.28	29.84 1.10 -9.72	29.46 1.16 -8.29	29.63 1.14 -8.81	30.25 1.20 -7.67	35.25 1.13 -14.02	44.78 1.57 -11.70	56.45 1.99 -17.55	48.49 1.94 -11.91	39.11 1.72 -8.76	36.71 1.30 -13.32	34.08 0.91 -17.12	31.61 0.98 -12.54
MONTAUK___DIESEL 23721	40.43 6.20 -0.74	38.11 5.26 -3.82	35.41 5.36 -1.53	34.96 5.40 -1.30	38.20 5.65 -3.85	41.31 5.90 -2.61	54.85 7.53 -9.30	70.58 7.48 -25.16	59.37 7.63 -14.36	52.30 6.36 -11.72	45.65 6.70 -9.45	41.70 6.13 -8.07	37.43 4.03 -14.38	36.11 4.22 -11.88	36.62 4.25 -12.69	42.49 4.60 -16.50	45.19 4.30 -20.78	66.29 6.24 -28.54	90.17 6.46 -46.81	69.12 6.89 -27.58	54.00 5.64 -19.73	51.04 4.37 -24.58	45.99 3.19 -26.75	43.11 3.64 -21.38
MOONROAD_115KV_HARTFLD_TB1-2 355988	35.10 1.61 0.00	30.49 1.45 0.00	29.80 1.28 0.00	29.42 1.16 0.00	30.04 1.35 0.00	34.01 1.21 0.00	41.38 0.72 -2.63	45.07 0.00 -7.12	41.73 0.37 -3.97	35.48 0.27 -0.99	30.37 0.00 -0.87	28.41 0.19 -0.72	22.07 -0.02 -3.08	22.77 0.14 -2.62	22.58 0.12 -2.79	23.69 -0.13 -2.43	24.44 -0.10 -4.43	34.92 -0.38 -3.79	41.64 -0.96 -5.69	37.85 -0.66 -3.86	31.01 -0.46 -2.84	25.94 -0.46 -4.32	21.43 -0.16 -5.55	21.87 -0.29 -4.07
MORTIMER_115KV_TB3 55949	33.60 0.10 0.00	29.10 0.06 0.00	28.51 0.00 0.00	28.23 -0.03 0.00	28.81 0.11 0.00	32.83 0.03 0.00	40.49 0.27 -2.20	43.76 -0.15 -5.96	40.88 0.15 -3.35	35.29 0.24 -0.83	30.15 -0.09 -0.73	28.21 0.11 -0.61	21.70 0.10 -2.59	22.40 0.18 -2.21	22.22 0.20 -2.35	23.54 0.11 -2.05	23.91 0.06 -3.74	34.68 0.00 -3.17	41.22 -0.44 -4.76	37.74 -0.14 -3.23	30.95 -0.06 -2.38	25.65 -0.04 -3.61	20.80 0.11 -4.64	21.60 0.11 -3.40
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	36.04 2.55 0.00	31.04 2.00 0.00	30.48 1.97 0.00	30.21 1.95 0.00	30.85 2.15 0.00	35.52 2.72 0.00	50.36 3.04 -9.29	66.22 3.11 -25.16	54.81 3.07 -14.35	40.83 3.05 -3.57	35.46 2.80 -3.15	32.64 2.53 -2.61	31.82 1.67 -11.13	31.24 1.74 -9.49	31.43 1.67 -10.08	31.94 1.78 -8.78	37.78 1.63 -16.04	47.14 2.24 -13.40	59.73 2.73 -20.10	50.88 2.60 -13.64	40.75 2.09 -10.03	39.04 1.70 -15.25	36.88 1.24 -19.60	33.81 1.36 -14.36
MUNSVILLE_WIND_PWR 323609	36.91 3.42 0.00	32.21 3.17 0.00	31.48 2.97 0.00	31.11 2.85 0.00	31.85 3.16 0.00	36.41 3.61 0.00	46.47 4.71 -3.74	52.65 4.59 -10.11	47.59 4.90 -5.30	39.61 4.07 -1.32	33.56 2.89 -1.16	30.94 2.48 -0.97	24.73 1.60 -4.11	25.22 1.70 -3.51	25.11 1.71 -3.73	26.73 2.10 -3.24	28.17 2.13 -5.93	40.30 3.40 -5.39	49.05 4.06 -8.08	43.90 3.78 -5.48	35.61 2.95 -4.03	30.32 2.10 -6.13	25.31 1.38 -7.88	25.40 1.54 -5.77
N SALMON___HYD 24042	33.36 -0.13 0.00	29.04 0.00 0.00	28.48 -0.03 0.00	28.12 -0.14 0.00	28.52 -0.17 0.00	32.37 -0.43 0.00	37.15 -0.87 0.00	37.30 -0.65 0.00	36.56 -0.82 0.00	33.53 -0.68 0.00	29.03 -0.47 0.00	26.72 -0.77 0.00	18.29 -0.72 0.00	19.15 -0.86 0.00	18.87 -0.81 0.00	20.55 -0.83 0.00	19.42 -0.68 0.00	30.53 -0.98 0.00	36.28 -0.63 0.00	33.74 -0.90 0.00	27.92 -0.71 0.00	21.51 -0.57 0.00	15.60 -0.45 0.00	17.66 -0.43 0.00

N.AKRON__115KV_KNAPP 355671	33.76 0.27 0.00	29.39 0.35 0.00	28.77 0.26 0.00	28.46 0.20 0.00	29.10 0.40 0.00	33.09 0.30 0.00	40.48 0.08 -2.38	43.68 -0.72 -6.45	40.73 -0.26 -3.61	35.05 -0.07 -0.90	29.91 -0.38 -0.79	28.10 -0.05 -0.66	21.72 -0.10 -2.80	22.44 0.04 -2.39	22.25 0.04 -2.54	23.47 -0.13 -2.21	23.92 -0.22 -4.03	34.37 -0.57 -3.44	40.80 -1.25 -5.15	37.34 -0.80 -3.50	30.69 -0.52 -2.57	25.58 -0.42 -3.91	21.01 -0.06 -5.03	21.74 -0.04 -3.68
N.BELMOR_69_KV_BK1 55787	37.48 3.25 -0.74	35.44 2.58 -3.81	32.58 2.54 -1.53	32.08 2.52 -1.30	35.30 2.75 -3.85	38.82 3.41 -2.61	51.08 3.76 -9.29	66.90 3.79 -25.15	55.59 3.85 -14.35	47.74 3.73 -9.79	42.28 3.33 -9.44	38.59 3.02 -8.07	35.41 2.02 -14.38	33.99 2.10 -11.88	34.39 2.03 -12.68	40.06 2.18 -16.49	42.89 2.01 -20.78	62.97 2.93 -28.54	81.18 3.54 -40.73	65.58 3.36 -27.58	51.07 2.72 -19.72	48.84 2.19 -24.57	44.35 1.56 -26.74	41.18 1.72 -21.37
N.E_GEN_SANDY PD 24062	35.37 1.87 0.00	30.58 1.54 0.00	30.08 1.57 0.00	29.87 1.61 0.00	30.39 1.69 0.00	34.90 2.10 0.00	50.75 2.40 -10.33	68.24 2.32 -27.98	55.66 2.32 -15.96	40.34 2.16 -3.96	34.89 1.89 -3.50	32.13 1.73 -2.91	32.49 1.10 -12.37	31.72 1.16 -10.55	32.05 1.16 -11.21	32.39 1.24 -9.76	39.09 1.15 -17.84	48.17 1.76 -14.90	61.32 2.07 -22.35	51.75 1.94 -15.17	41.39 1.60 -11.16	40.28 1.24 -16.96	38.72 0.88 -21.79	35.00 0.94 -15.97
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	35.41 1.91 0.00	30.61 1.57 0.00	30.05 1.54 0.00	29.76 1.50 0.00	30.33 1.64 0.00	34.87 2.07 0.00	48.95 2.43 -8.49	63.52 2.58 -22.99	52.94 2.43 -13.12	39.80 2.33 -3.26	34.54 2.15 -2.88	31.84 1.95 -2.39	30.48 1.29 -10.17	30.07 1.38 -8.67	30.21 1.32 -9.22	30.76 1.35 -8.02	35.98 1.21 -14.66	45.48 1.73 -12.24	57.49 2.21 -18.37	49.25 2.15 -12.46	39.52 1.72 -9.17	37.37 1.35 -13.94	34.90 0.95 -17.91	32.28 1.07 -13.12
N.QUEENS_27_KV_LOAD 356247	36.21 2.71 0.00	31.22 2.18 0.00	30.71 2.20 0.00	30.49 2.23 0.00	31.19 2.50 0.00	35.91 3.12 0.00	50.58 3.27 -9.29	66.33 3.23 -25.16	54.58 2.84 -14.35	40.69 2.91 -3.57	35.48 2.83 -3.15	32.69 2.58 -2.61	31.83 1.69 -11.13	31.26 1.76 -9.49	31.43 1.67 -10.08	31.96 1.80 -8.78	37.80 1.65 -16.04	46.95 2.05 -13.40	59.40 2.40 -20.10	50.67 2.39 -13.64	40.52 1.86 -10.03	38.95 1.61 -15.25	36.96 1.32 -19.60	33.93 1.48 -14.36
N.TROY__115KV_TB1 355778	35.10 1.61 0.00	30.38 1.34 0.00	29.91 1.40 0.00	29.70 1.44 0.00	30.16 1.46 0.00	34.67 1.87 0.00	51.85 2.21 -11.62	71.55 2.13 -31.47	57.47 2.13 -17.96	40.49 1.81 -4.46	34.95 1.50 -3.94	32.14 1.37 -3.27	33.79 0.86 -13.92	32.80 0.92 -11.87	33.20 0.91 -12.62	33.35 0.98 -10.98	41.10 0.92 -20.07	49.78 1.51 -16.76	63.82 1.77 -25.14	53.37 1.66 -17.06	42.56 1.37 -12.55	42.18 1.02 -19.08	41.25 0.69 -24.52	36.80 0.74 -17.97
NARROWS_GT1_1 24228	36.42 2.91 -0.01	31.34 2.29 -0.01	30.75 2.23 -0.01	30.53 2.26 -0.01	31.08 2.38 -0.01	35.82 3.02 -0.01	50.36 3.04 -9.29	66.22 3.11 -25.16	54.77 3.03 -14.35	40.97 3.18 -3.57	35.72 3.07 -3.15	32.88 2.78 -2.61	31.97 1.83 -11.13	31.40 1.90 -9.49	31.55 1.79 -10.08	32.11 1.95 -8.78	37.96 1.81 -16.04	47.20 2.30 -13.40	59.73 2.73 -20.10	50.95 2.67 -13.64	40.73 2.06 -10.03	39.12 1.79 -15.25	37.04 1.40 -19.60	34.01 1.56 -14.37
NARROWS_GT1_2 24229	36.42 2.91 -0.01	31.34 2.29 -0.01	30.75 2.23 -0.01	30.53 2.26 -0.01	31.08 2.38 -0.01	35.82 3.02 -0.01	50.36 3.04 -9.29	66.22 3.11 -25.16	54.77 3.03 -14.35	40.97 3.18 -3.57	35.72 3.07 -3.15	32.88 2.78 -2.61	31.97 1.83 -11.13	31.40 1.90 -9.49	31.55 1.79 -10.08	32.11 1.95 -8.78	37.96 1.81 -16.04	47.20 2.30 -13.40	59.73 2.73 -20.10	50.95 2.67 -13.64	40.73 2.06 -10.03	39.12 1.79 -15.25	37.04 1.40 -19.60	34.01 1.56 -14.37
NARROWS_GT1_3 24230	36.42 2.91 -0.01	31.34 2.29 -0.01	30.75 2.23 -0.01	30.53 2.26 -0.01	31.08 2.38 -0.01	35.82 3.02 -0.01	50.36 3.04 -9.29	66.22 3.11 -25.16	54.77 3.03 -14.35	40.97 3.18 -3.57	35.72 3.07 -3.15	32.88 2.78 -2.61	31.97 1.83 -11.13	31.40 1.90 -9.49	31.55 1.79 -10.08	32.11 1.95 -8.78	37.96 1.81 -16.04	47.20 2.30 -13.40	59.73 2.73 -20.10	50.95 2.67 -13.64	40.73 2.06 -10.03	39.12 1.79 -15.25	37.04 1.40 -19.60	34.01 1.56 -14.37
NARROWS_GT1_4 24231	36.42 2.91 -0.01	31.34 2.29 -0.01	30.75 2.23 -0.01	30.53 2.26 -0.01	31.08 2.38 -0.01	35.82 3.02 -0.01	50.36 3.04 -9.29	66.22 3.11 -25.16	54.77 3.03 -14.35	40.97 3.18 -3.57	35.72 3.07 -3.15	32.88 2.78 -2.61	31.97 1.83 -11.13	31.40 1.90 -9.49	31.55 1.79 -10.08	32.11 1.95 -8.78	37.96 1.81 -16.04	47.20 2.30 -13.40	59.73 2.73 -20.10	50.95 2.67 -13.64	40.73 2.06 -10.03	39.12 1.79 -15.25	37.04 1.40 -19.60	34.01 1.56 -14.37
NARROWS_GT1_5 24232	36.42 2.91 -0.01	31.34 2.29 -0.01	30.75 2.23 -0.01	30.53 2.26 -0.01	31.08 2.38 -0.01	35.82 3.02 -0.01	50.36 3.04 -9.29	66.22 3.11 -25.16	54.77 3.03 -14.35	40.97 3.18 -3.57	35.72 3.07 -3.15	32.88 2.78 -2.61	31.97 1.83 -11.13	31.40 1.90 -9.49	31.55 1.79 -10.08	32.11 1.95 -8.78	37.96 1.81 -16.04	47.20 2.30 -13.40	59.73 2.73 -20.10	50.95 2.67 -13.64	40.73 2.06 -10.03	39.12 1.79 -15.25	37.04 1.40 -19.60	34.01 1.56 -14.37
NARROWS_GT1_6 24233	36.42 2.91 -0.01	31.34 2.29 -0.01	30.75 2.23 -0.01	30.53 2.26 -0.01	31.08 2.38 -0.01	35.82 3.02 -0.01	50.36 3.04 -9.29	66.22 3.11 -25.16	54.77 3.03 -14.35	40.97 3.18 -3.57	35.72 3.07 -3.15	32.88 2.78 -2.61	31.97 1.83 -11.13	31.40 1.90 -9.49	31.55 1.79 -10.08	32.11 1.95 -8.78	37.96 1.81 -16.04	47.20 2.30 -13.40	59.73 2.73 -20.10	50.95 2.67 -13.64	40.73 2.06 -10.03	39.12 1.79 -15.25	37.04 1.40 -19.60	34.01 1.56 -14.37
NARROWS_GT1_7 24234	36.42 2.91 -0.01	31.34 2.29 -0.01	30.75 2.23 -0.01	30.53 2.26 -0.01	31.08 2.38 -0.01	35.82 3.02 -0.01	50.36 3.04 -9.29	66.22 3.11 -25.16	54.77 3.03 -14.35	40.97 3.18 -3.57	35.72 3.07 -3.15	32.88 2.78 -2.61	31.97 1.83 -11.13	31.40 1.90 -9.49	31.55 1.79 -10.08	32.11 1.95 -8.78	37.96 1.81 -16.04	47.20 2.30 -13.40	59.73 2.73 -20.10	50.95 2.67 -13.64	40.73 2.06 -10.03	39.12 1.79 -15.25	37.04 1.40 -19.60	34.01 1.56 -14.37
NARROWS_GT1_8 24235	36.42 2.91 -0.01	31.34 2.29 -0.01	30.75 2.23 -0.01	30.53 2.26 -0.01	31.08 2.38 -0.01	35.82 3.02 -0.01	50.36 3.04 -9.29	66.22 3.11 -25.16	54.77 3.03 -14.35	40.97 3.18 -3.57	35.72 3.07 -3.15	32.88 2.78 -2.61	31.97 1.83 -11.13	31.40 1.90 -9.49	31.55 1.79 -10.08	32.11 1.95 -8.78	37.96 1.81 -16.04	47.20 2.30 -13.40	59.73 2.73 -20.10	50.95 2.67 -13.64	40.73 2.06 -10.03	39.12 1.79 -15.25	37.04 1.40 -19.60	34.01 1.56 -14.37
NARROWS_GT2_1 24236	36.42 2.91 -0.01	31.34 2.29 -0.01	30.75 2.23 -0.01	30.53 2.26 -0.01	31.08 2.38 -0.01	35.82 3.02 -0.01	50.36 3.04 -9.29	66.22 3.11 -25.16	54.77 3.03 -14.35	40.97 3.18 -3.57	35.72 3.07 -3.15	32.88 2.78 -2.61	31.97 1.83 -11.13	31.40 1.90 -9.49	31.55 1.79 -10.08	32.11 1.95 -8.78	37.96 1.81 -16.04	47.20 2.30 -13.40	59.73 2.73 -20.10	50.95 2.67 -13.64	40.73 2.06 -10.03	39.12 1.79 -15.25	37.04 1.40 -19.60	34.01 1.56 -14.37

NARROWS_GT2_2 24237	36.42 2.91 -0.01	31.34 2.29 -0.01	30.75 2.23 -0.01	30.53 2.26 -0.01	31.08 2.38 -0.01	35.82 3.02 -0.01	50.36 3.04 -9.29	66.22 3.11 -25.16	54.77 3.03 -14.35	40.97 3.18 -3.57	35.72 3.07 -3.15	32.88 2.78 -2.61	31.97 1.83 -11.13	31.40 1.90 -9.49	31.55 1.79 -10.08	32.11 1.95 -8.78	37.96 1.81 -16.04	47.20 2.30 -13.40	59.73 2.73 -20.10	50.95 2.67 -13.64	40.73 2.06 -10.03	39.12 1.79 -15.25	37.04 1.40 -19.60	34.01 1.56 -14.37
NARROWS_GT2_3 24238	36.42 2.91 -0.01	31.34 2.29 -0.01	30.75 2.23 -0.01	30.53 2.26 -0.01	31.08 2.38 -0.01	35.82 3.02 -0.01	50.36 3.04 -9.29	66.22 3.11 -25.16	54.77 3.03 -14.35	40.97 3.18 -3.57	35.72 3.07 -3.15	32.88 2.78 -2.61	31.97 1.83 -11.13	31.40 1.90 -9.49	31.55 1.79 -10.08	32.11 1.95 -8.78	37.96 1.81 -16.04	47.20 2.30 -13.40	59.73 2.73 -20.10	50.95 2.67 -13.64	40.73 2.06 -10.03	39.12 1.79 -15.25	37.04 1.40 -19.60	34.01 1.56 -14.37
NARROWS_GT2_4 24239	36.42 2.91 -0.01	31.34 2.29 -0.01	30.75 2.23 -0.01	30.53 2.26 -0.01	31.08 2.38 -0.01	35.82 3.02 -0.01	50.36 3.04 -9.29	66.22 3.11 -25.16	54.77 3.03 -14.35	40.97 3.18 -3.57	35.72 3.07 -3.15	32.88 2.78 -2.61	31.97 1.83 -11.13	31.40 1.90 -9.49	31.55 1.79 -10.08	32.11 1.95 -8.78	37.96 1.81 -16.04	47.20 2.30 -13.40	59.73 2.73 -20.10	50.95 2.67 -13.64	40.73 2.06 -10.03	39.12 1.79 -15.25	37.04 1.40 -19.60	34.01 1.56 -14.37
NARROWS_GT2_5 24240	36.42 2.91 -0.01	31.34 2.29 -0.01	30.75 2.23 -0.01	30.53 2.26 -0.01	31.08 2.38 -0.01	35.82 3.02 -0.01	50.36 3.04 -9.29	66.22 3.11 -25.16	54.77 3.03 -14.35	40.97 3.18 -3.57	35.72 3.07 -3.15	32.88 2.78 -2.61	31.97 1.83 -11.13	31.40 1.90 -9.49	31.55 1.79 -10.08	32.11 1.95 -8.78	37.96 1.81 -16.04	47.20 2.30 -13.40	59.73 2.73 -20.10	50.95 2.67 -13.64	40.73 2.06 -10.03	39.12 1.79 -15.25	37.04 1.40 -19.60	34.01 1.56 -14.37
NARROWS_GT2_6 24241	36.42 2.91 -0.01	31.34 2.29 -0.01	30.75 2.23 -0.01	30.53 2.26 -0.01	31.08 2.38 -0.01	35.82 3.02 -0.01	50.36 3.04 -9.29	66.22 3.11 -25.16	54.77 3.03 -14.35	40.97 3.18 -3.57	35.72 3.07 -3.15	32.88 2.78 -2.61	31.97 1.83 -11.13	31.40 1.90 -9.49	31.55 1.79 -10.08	32.11 1.95 -8.78	37.96 1.81 -16.04	47.20 2.30 -13.40	59.73 2.73 -20.10	50.95 2.67 -13.64	40.73 2.06 -10.03	39.12 1.79 -15.25	37.04 1.40 -19.60	34.01 1.56 -14.37
NARROWS_GT2_7 24242	36.42 2.91 -0.01	31.34 2.29 -0.01	30.75 2.23 -0.01	30.53 2.26 -0.01	31.08 2.38 -0.01	35.82 3.02 -0.01	50.36 3.04 -9.29	66.22 3.11 -25.16	54.77 3.03 -14.35	40.97 3.18 -3.57	35.72 3.07 -3.15	32.88 2.78 -2.61	31.97 1.83 -11.13	31.40 1.90 -9.49	31.55 1.79 -10.08	32.11 1.95 -8.78	37.96 1.81 -16.04	47.20 2.30 -13.40	59.73 2.73 -20.10	50.95 2.67 -13.64	40.73 2.06 -10.03	39.12 1.79 -15.25	37.04 1.40 -19.60	34.01 1.56 -14.37
NARROWS_GT2_8 24243	36.42 2.91 -0.01	31.34 2.29 -0.01	30.75 2.23 -0.01	30.53 2.26 -0.01	31.08 2.38 -0.01	35.82 3.02 -0.01	50.36 3.04 -9.29	66.22 3.11 -25.16	54.77 3.03 -14.35	40.97 3.18 -3.57	35.72 3.07 -3.15	32.88 2.78 -2.61	31.97 1.83 -11.13	31.40 1.90 -9.49	31.55 1.79 -10.08	32.11 1.95 -8.78	37.96 1.81 -16.04	47.20 2.30 -13.40	59.73 2.73 -20.10	50.95 2.67 -13.64	40.73 2.06 -10.03	39.12 1.79 -15.25	37.04 1.40 -19.60	34.01 1.56 -14.37
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	35.37 1.88 0.00	30.52 1.48 0.00	30.02 1.51 0.00	29.90 1.64 0.00	30.33 1.64 0.00	34.80 2.00 0.00	50.84 2.05 -10.76	69.05 1.97 -29.13	55.84 1.83 -16.62	39.68 1.33 -4.13	33.95 0.80 -3.65	31.26 0.74 -3.03	32.26 0.36 -12.88	31.40 0.40 -10.99	31.81 0.45 -11.68	32.08 0.53 -10.16	39.33 0.64 -18.58	48.37 1.35 -15.51	61.84 1.66 -23.27	51.93 1.49 -15.79	41.48 1.23 -11.62	40.59 0.84 -17.66	39.24 0.50 -22.69	35.26 0.54 -16.63
NCHELSEA_115KV_TR2 355582	36.01 2.51 0.00	31.07 2.03 0.00	30.51 2.00 0.00	30.24 1.98 0.00	30.82 2.12 0.00	35.36 2.56 0.00	50.22 3.00 -9.20	65.89 3.04 -24.90	54.51 2.92 -14.21	40.45 2.70 -3.53	34.95 2.33 -3.12	32.14 2.06 -2.59	31.40 1.37 -11.01	30.83 1.42 -9.39	31.06 1.40 -9.98	31.55 1.48 -8.69	37.39 1.41 -15.88	46.91 2.14 -13.26	59.46 2.66 -19.89	50.67 2.53 -13.50	40.59 2.03 -9.93	38.77 1.59 -15.10	36.54 1.09 -19.40	33.50 1.19 -14.21
NEG CAPITAL___MECHNVIL 23645	35.57 2.08 0.00	30.75 1.71 0.00	30.31 1.80 0.00	30.15 1.89 0.00	30.59 1.89 0.00	35.19 2.39 0.00	52.68 2.89 -11.77	72.70 2.88 -31.87	58.41 2.84 -18.18	41.09 2.36 -4.52	35.38 1.89 -3.99	32.45 1.65 -3.31	34.16 1.05 -14.10	33.17 1.14 -12.02	33.53 1.08 -12.78	33.70 1.20 -11.12	41.58 1.15 -20.33	50.43 1.95 -16.97	64.73 2.36 -25.46	54.10 2.18 -17.28	43.15 1.80 -12.71	42.71 1.30 -19.32	41.74 0.87 -24.83	37.20 0.92 -18.19
NEG CENTRAL_HIGH_ACRES 23767	32.93 -0.57 0.00	28.63 -0.41 0.00	28.03 -0.48 0.00	27.64 -0.62 0.00	28.26 -0.43 0.00	32.24 -0.56 0.00	39.82 -0.38 -2.17	43.11 -0.72 -5.89	40.28 -0.41 -3.30	34.70 -0.34 -0.82	29.70 -0.53 -0.72	27.74 -0.36 -0.60	21.37 -0.21 -2.56	22.03 -0.16 -2.18	21.88 -0.12 -2.32	23.21 -0.19 -2.02	23.53 -0.26 -3.69	34.20 -0.44 -3.14	40.76 -0.85 -4.70	37.25 -0.59 -3.19	30.49 -0.49 -2.35	25.26 -0.40 -3.57	20.44 -0.19 -4.59	21.23 -0.22 -3.36
NEG CENTRAL___DRP 24199	34.27 0.77 0.00	29.74 0.70 0.00	29.17 0.66 0.00	28.91 0.65 0.00	29.44 0.75 0.00	33.62 0.82 0.00	41.47 1.14 -2.30	45.13 0.95 -6.23	41.93 1.05 -3.50	35.94 0.86 -0.87	30.86 0.59 -0.77	28.71 0.58 -0.64	22.14 0.42 -2.71	22.82 0.50 -2.31	22.62 0.49 -2.46	24.06 0.53 -2.14	24.48 0.46 -3.91	35.58 0.76 -3.32	42.62 0.74 -4.98	38.85 0.83 -3.38	31.78 0.66 -2.49	26.33 0.46 -3.78	21.27 0.37 -4.86	22.05 0.40 -3.56
NEG CENTRAL___INDECK 23768	35.07 1.57 0.00	30.43 1.39 0.00	29.77 1.25 0.00	29.42 1.16 0.00	30.21 1.52 0.00	34.47 1.67 0.00	42.71 2.05 -2.64	46.75 1.67 -7.14	43.13 1.72 -4.02	36.55 1.33 -1.00	31.06 0.68 -0.88	28.94 0.71 -0.73	22.59 0.46 -3.12	23.23 0.56 -2.66	23.05 0.55 -2.83	24.49 0.64 -2.46	25.25 0.64 -4.50	36.44 1.13 -3.80	43.68 1.07 -5.70	39.79 1.28 -3.87	32.56 1.09 -2.85	27.21 0.79 -4.33	22.26 0.66 -5.56	22.83 0.67 -4.07
NEG CENTRAL___SENECA 23627	34.40 0.90 0.00	29.91 0.87 0.00	29.34 0.83 0.00	29.08 0.82 0.00	29.58 0.89 0.00	33.82 1.02 0.00	41.77 1.33 -2.41	45.50 1.02 -6.53	42.25 1.20 -3.67	36.16 1.03 -0.91	31.04 0.74 -0.80	28.88 0.71 -0.67	22.33 0.48 -2.84	23.02 0.58 -2.42	22.82 0.57 -2.58	24.25 0.62 -2.24	24.71 0.50 -4.10	35.80 0.82 -3.48	42.90 0.78 -5.22	39.08 0.90 -3.54	31.92 0.69 -2.60	26.51 0.46 -3.96	21.52 0.39 -5.09	22.27 0.45 -3.73
NEG CENTRAL___STATE_STREET 24147	34.60 1.11 0.00	29.77 0.73 0.00	29.20 0.68 0.00	28.91 0.65 0.00	29.70 1.00 0.00	33.91 1.12 0.00	41.75 1.44 -2.28	45.57 1.44 -6.18	42.32 1.50 -3.43	36.27 1.20 -0.85	30.88 0.62 -0.75	28.75 0.63 -0.63	22.15 0.48 -2.66	22.82 0.54 -2.27	22.64 0.55 -2.41	24.09 0.60 -2.10	24.65 0.70 -3.84	35.93 1.13 -3.29	43.10 1.25 -4.94	39.28 1.28 -3.35	32.13 1.03 -2.47	26.58 0.75 -3.75	21.42 0.56 -4.82	22.05 0.43 -3.53



NEG MILLWOOD___DRP 24198	36.14 2.65 0.00	31.16 2.12 0.00	30.62 2.11 0.00	30.38 2.12 0.00	30.93 2.24 0.00	35.52 2.72 0.00	50.72 3.35 -9.35	66.64 3.38 -25.31	55.15 3.33 -14.44	40.89 3.08 -3.59	35.30 2.63 -3.17	32.38 2.25 -2.63	31.71 1.50 -11.19	31.10 1.54 -9.55	31.34 1.52 -10.15	31.84 1.63 -8.83	37.77 1.53 -16.14	47.38 2.39 -13.48	60.08 2.95 -20.22	51.14 2.77 -13.72	40.96 2.23 -10.09	39.17 1.74 -15.34	36.97 1.20 -19.72	33.82 1.28 -14.45
NEG NORTH_FLCN_SEA 23793	33.70 0.20 0.00	29.30 0.26 0.00	28.71 0.20 0.00	28.32 0.06 0.00	28.81 0.11 0.00	32.77 -0.03 0.00	37.11 -0.91 0.00	37.23 -0.72 0.00	36.60 -0.79 0.00	33.60 -0.62 0.00	29.06 -0.44 0.00	26.70 -0.80 0.00	18.24 -0.78 0.00	19.07 -0.94 0.00	18.79 -0.89 0.00	20.51 -0.88 0.00	19.42 -0.68 0.00	30.56 -0.95 0.00	36.61 -0.30 0.00	34.05 -0.59 0.00	28.14 -0.49 0.00	21.64 -0.44 0.00	15.68 -0.37 0.00	17.73 -0.36 0.00
NEG NORTH_KES_CHATEGAY 23792	33.30 -0.20 0.00	28.95 -0.09 0.00	28.37 -0.14 0.00	27.98 -0.28 0.00	28.44 -0.26 0.00	32.34 -0.46 0.00	36.96 -1.06 0.00	37.04 -0.91 0.00	36.45 -0.93 0.00	33.47 -0.75 0.00	28.91 -0.59 0.00	26.59 -0.91 0.00	18.18 -0.84 0.00	19.01 -1.00 0.00	18.73 -0.94 0.00	20.43 -0.96 0.00	19.34 -0.76 0.00	30.40 -1.10 0.00	36.17 -0.74 0.00	33.64 -1.00 0.00	27.80 -0.83 0.00	21.40 -0.68 0.00	15.48 -0.56 0.00	17.53 -0.56 0.00
NEG NORTH___ALICE_FALLS 23915	33.70 0.20 0.00	29.30 0.26 0.00	28.71 0.20 0.00	28.29 0.03 0.00	28.78 0.09 0.00	32.73 -0.07 0.00	37.26 -0.76 0.00	37.38 -0.57 0.00	36.75 -0.64 0.00	33.74 -0.48 0.00	29.18 -0.32 0.00	26.81 -0.69 0.00	18.31 -0.70 0.00	19.15 -0.86 0.00	18.87 -0.81 0.00	20.57 -0.81 0.00	19.48 -0.62 0.00	30.65 -0.85 0.00	36.65 -0.26 0.00	34.05 -0.59 0.00	28.17 -0.46 0.00	21.67 -0.42 0.00	15.66 -0.39 0.00	17.73 -0.36 0.00
NEG NORTH___LWR_SARANAC 23913	33.70 0.20 0.00	29.30 0.26 0.00	28.71 0.20 0.00	28.29 0.03 0.00	28.78 0.09 0.00	32.73 -0.07 0.00	37.26 -0.76 0.00	37.38 -0.57 0.00	36.75 -0.64 0.00	33.74 -0.48 0.00	29.18 -0.32 0.00	26.81 -0.69 0.00	18.31 -0.70 0.00	19.15 -0.86 0.00	18.87 -0.81 0.00	20.57 -0.81 0.00	19.48 -0.62 0.00	30.65 -0.85 0.00	36.65 -0.26 0.00	34.05 -0.59 0.00	28.17 -0.46 0.00	21.67 -0.42 0.00	15.66 -0.39 0.00	17.73 -0.36 0.00
NEG NORTH___PLATTSBURG 23628	33.70 0.20 0.00	29.30 0.26 0.00	28.71 0.20 0.00	28.37 0.11 0.00	28.78 0.09 0.00	32.73 -0.07 0.00	37.26 -0.76 0.00	37.42 -0.53 0.00	36.75 -0.64 0.00	33.74 -0.48 0.00	29.18 -0.32 0.00	26.81 -0.69 0.00	18.31 -0.70 0.00	19.15 -0.86 0.00	18.87 -0.81 0.00	20.57 -0.81 0.00	19.48 -0.62 0.00	30.66 -0.85 0.00	36.65 -0.26 0.00	34.05 -0.59 0.00	28.17 -0.46 0.00	21.67 -0.42 0.00	15.66 -0.39 0.00	17.73 -0.36 0.00
NEG WEST_LEA_LOCKPORT 23791	33.40 -0.10 0.00	29.04 0.00 0.00	28.46 -0.06 0.00	28.15 -0.11 0.00	28.78 0.09 0.00	32.67 -0.13 0.00	39.87 -0.57 -2.42	42.91 -1.59 -6.55	39.97 -1.08 -3.67	34.38 -0.75 -0.91	29.39 -0.91 -0.80	27.67 -0.49 -0.67	21.46 -0.40 -2.84	22.18 -0.26 -2.42	21.98 -0.28 -2.58	23.14 -0.49 -2.24	23.66 -0.54 -4.10	33.83 -1.17 -3.49	40.11 -2.03 -5.24	36.67 -1.52 -3.55	30.18 -1.06 -2.61	25.24 -0.82 -3.97	20.86 -0.29 -5.11	21.54 -0.29 -3.74
NEG WEST___LANCASTR 23811	34.07 0.57 0.00	29.62 0.58 0.00	29.03 0.51 0.00	28.68 0.42 0.00	29.38 0.69 0.00	33.39 0.59 0.00	39.76 -0.87 -2.61	43.55 -1.48 -7.08	40.22 -1.12 -3.96	34.21 -0.99 -0.98	29.37 -1.00 -0.87	27.55 -0.66 -0.72	21.53 -0.55 -3.07	22.19 -0.44 -2.62	22.00 -0.45 -2.78	23.06 -0.75 -2.42	23.79 -0.74 -4.42	33.83 -1.45 -3.77	40.42 -2.14 -5.65	36.85 -1.63 -3.84	30.25 -1.20 -2.82	25.43 -0.95 -4.29	21.08 -0.48 -5.51	21.59 -0.54 -4.04
NEG_PENN_ALLEGHNY 23528	34.50 1.00 0.00	29.97 0.93 0.00	29.37 0.85 0.00	29.05 0.79 0.00	29.67 0.98 0.00	33.88 1.08 0.00	43.20 1.25 -3.93	49.68 1.10 -10.63	44.56 1.27 -5.90	36.78 1.09 -1.47	31.65 0.86 -1.29	29.39 0.82 -1.07	24.12 0.53 -4.57	24.53 0.62 -3.90	24.43 0.61 -4.14	25.64 0.64 -3.61	27.28 0.58 -6.59	37.95 0.79 -5.66	46.21 0.81 -8.49	41.31 0.90 -5.76	33.61 0.74 -4.24	29.08 0.55 -6.44	24.76 0.43 -8.28	24.65 0.49 -6.07
NEG___GEN_MONROE 24207	33.73 0.23 0.00	29.33 0.29 0.00	28.71 0.20 0.00	28.40 0.14 0.00	28.98 0.29 0.00	33.03 0.23 0.00	40.61 0.38 -2.21	43.82 -0.11 -5.99	40.93 0.19 -3.36	35.29 0.24 -0.83	30.18 -0.06 -0.74	28.22 0.11 -0.61	21.71 0.10 -2.60	22.39 0.16 -2.22	22.21 0.18 -2.36	23.51 0.06 -2.05	23.88 0.02 -3.75	34.63 -0.06 -3.19	41.17 -0.52 -4.78	37.68 -0.21 -3.25	30.93 -0.09 -2.39	25.65 -0.07 -3.63	20.85 0.14 -4.66	21.67 0.16 -3.42
NEPA___ENERGY 23901	34.53 1.04 0.00	29.97 0.93 0.00	29.34 0.83 0.00	29.02 0.76 0.00	29.73 1.03 0.00	33.78 0.98 0.00	41.16 0.49 -2.64	44.95 -0.15 -7.15	41.54 0.15 -4.00	35.42 0.21 -0.99	30.38 0.00 -0.88	28.50 0.27 -0.73	22.21 0.10 -3.10	22.90 0.24 -2.64	22.68 0.20 -2.81	23.79 -0.04 -2.45	24.52 -0.06 -4.47	34.94 -0.38 -3.81	41.77 -0.85 -5.72	38.11 -0.42 -3.88	31.28 -0.20 -2.85	26.22 -0.20 -4.34	21.70 0.08 -5.57	22.25 0.07 -4.08
NEVERSINK___HYD 23608	35.61 2.11 0.00	30.84 1.80 0.00	30.25 1.74 0.00	29.90 1.64 0.00	30.47 1.78 0.00	34.90 2.10 0.00	48.60 2.55 -8.03	62.31 2.62 -21.75	52.20 2.39 -12.41	39.53 2.22 -3.08	34.12 1.89 -2.72	31.43 1.68 -2.26	29.76 1.12 -9.62	29.40 1.18 -8.21	29.54 1.14 -8.72	30.20 1.22 -7.59	35.15 1.17 -13.88	44.88 1.79 -11.58	56.57 2.29 -17.37	48.58 2.15 -11.79	39.02 1.72 -8.67	36.60 1.33 -13.18	33.90 0.91 -16.94	31.54 1.03 -12.42
NEWKRMKL_115KV_TB1 55635	34.50 1.00 0.00	29.82 0.78 0.00	29.34 0.83 0.00	29.22 0.96 0.00	29.61 0.92 0.00	34.01 1.21 0.00	50.97 1.44 -11.50	70.46 1.37 -31.15	56.54 1.38 -17.77	39.80 1.16 -4.41	34.35 0.94 -3.90	31.66 0.93 -3.24	33.29 0.49 -13.78	32.30 0.54 -11.75	32.73 0.57 -12.49	32.85 0.60 -10.87	40.53 0.56 -19.86	49.07 0.98 -16.59	62.93 1.14 -24.88	52.57 1.04 -16.89	41.94 0.89 -12.42	41.61 0.64 -18.88	40.71 0.40 -24.26	36.32 0.45 -17.78
NEWTON___FALLS_HYD 23847	33.06 -0.44 0.00	28.72 -0.32 0.00	28.14 -0.37 0.00	27.92 -0.34 0.00	28.29 -0.40 0.00	32.08 -0.72 0.00	37.89 -0.65 -0.51	38.76 -0.57 -1.38	37.30 -0.86 -0.78	33.49 -0.92 -0.19	28.76 -0.91 -0.17	26.65 -0.99 -0.14	18.88 -0.74 -0.60	19.73 -0.80 -0.51	19.44 -0.79 -0.55	21.09 -0.77 -0.48	20.31 -0.66 -0.87	31.45 -0.79 -0.74	37.38 -0.63 -1.10	34.53 -0.87 -0.75	28.58 -0.60 -0.55	22.50 -0.42 -0.84	16.83 -0.29 -1.08	18.64 -0.24 -0.79
NGRID_A1_DSASP 323792	32.66 -0.84 0.00	28.49 -0.55 0.00	27.94 -0.57 0.00	27.50 -0.76 0.00	28.15 -0.55 0.00	32.01 -0.79 0.00	39.17 -1.29 -2.44	41.90 -2.66 -6.61	39.17 -1.91 -3.69	33.70 -1.44 -0.92	28.81 -1.50 -0.81	27.15 -1.02 -0.67	21.17 -0.70 -2.86	21.83 -0.62 -2.44	21.66 -0.61 -2.59	22.77 -0.88 -2.26	23.35 -0.88 -4.12	33.20 -1.83 -3.52	39.34 -2.84 -5.28	35.97 -2.25 -3.58	29.69 -1.57 -2.64	24.86 -1.24 -4.01	20.62 -0.58 -5.15	21.28 -0.58 -3.77

NGRID_A2_DSASP 323793	32.66 -0.84 0.00	28.49 -0.55 0.00	27.94 -0.57 0.00	27.50 -0.76 0.00	28.15 -0.55 0.00	32.01 -0.79 0.00	39.17 -1.29 -2.44	41.90 -2.66 -6.61	39.17 -1.91 -3.69	33.70 -1.44 -0.92	28.81 -1.50 -0.81	27.15 -1.02 -0.67	21.17 -0.70 -2.86	21.83 -0.62 -2.44	21.66 -0.61 -2.59	22.77 -0.88 -2.26	23.35 -0.88 -4.12	33.20 -1.83 -3.52	39.34 -2.84 -5.28	35.97 -2.25 -3.58	29.69 -1.57 -2.64	24.86 -1.24 -4.01	20.62 -0.58 -5.15	21.28 -0.58 -3.77
NGRID_A4_DSASP 323807	32.66 -0.84 0.00	28.49 -0.55 0.00	27.94 -0.57 0.00	27.50 -0.76 0.00	28.15 -0.55 0.00	32.01 -0.79 0.00	39.17 -1.29 -2.44	41.90 -2.66 -6.61	39.17 -1.91 -3.69	33.70 -1.44 -0.92	28.81 -1.50 -0.81	27.15 -1.02 -0.67	21.17 -0.70 -2.86	21.83 -0.62 -2.44	21.66 -0.61 -2.59	22.77 -0.88 -2.26	23.35 -0.88 -4.12	33.20 -1.83 -3.52	39.34 -2.84 -5.28	35.97 -2.25 -3.58	29.69 -1.57 -2.64	24.86 -1.24 -4.01	20.62 -0.58 -5.15	21.28 -0.58 -3.77
NIAGARA_115E_LBMP 323715	32.86 -0.64 0.00	28.69 -0.35 0.00	27.89 -0.63 0.00	27.44 -0.82 0.00	28.35 -0.34 0.00	32.21 -0.59 0.00	39.14 -1.33 -2.44	42.02 -2.54 -6.62	39.22 -1.87 -3.70	33.77 -1.37 -0.92	28.87 -1.44 -0.81	27.20 -0.96 -0.67	21.16 -0.72 -2.87	21.86 -0.60 -2.45	21.65 -0.63 -2.60	22.80 -0.86 -2.26	23.34 -0.90 -4.14	33.27 -1.76 -3.52	39.42 -2.77 -5.29	36.05 -2.18 -3.59	29.67 -1.60 -2.64	24.88 -1.21 -4.01	20.64 -0.56 -5.15	21.29 -0.58 -3.78
NIAGARA_115W_LBMP 323714	32.56 -0.94 0.00	28.40 -0.64 0.00	27.86 -0.65 0.00	27.41 -0.85 0.00	28.06 -0.63 0.00	31.91 -0.88 0.00	39.06 -1.41 -2.44	41.78 -2.77 -6.60	39.06 -2.02 -3.69	33.60 -1.54 -0.92	28.72 -1.59 -0.81	27.06 -1.10 -0.67	21.11 -0.76 -2.86	21.77 -0.68 -2.44	21.60 -0.67 -2.59	22.70 -0.94 -2.26	23.30 -0.92 -4.12	33.10 -1.92 -3.52	39.23 -2.95 -5.28	35.87 -2.36 -3.58	29.60 -1.66 -2.63	24.79 -1.30 -4.00	20.56 -0.63 -5.14	21.24 -0.62 -3.77
NIAGARA_230_LBMP 323716	32.99 -0.50 0.00	28.78 -0.26 0.00	28.09 -0.43 0.00	27.64 -0.62 0.00	28.41 -0.29 0.00	32.31 -0.49 0.00	39.50 -0.95 -2.42	42.31 -2.20 -6.56	39.53 -1.53 -3.67	34.00 -1.13 -0.91	29.10 -1.21 -0.81	27.42 -0.74 -0.67	21.33 -0.53 -2.85	22.00 -0.44 -2.43	21.82 -0.43 -2.58	22.97 -0.66 -2.25	23.53 -0.68 -4.11	33.55 -1.45 -3.49	39.75 -2.40 -5.24	36.40 -1.80 -3.56	29.96 -1.29 -2.62	25.09 -0.97 -3.98	20.77 -0.39 -5.11	21.45 -0.38 -3.74
NIAGARA__115KV_198_GIBSON 55903	32.56 -0.94 0.00	28.31 -0.73 0.00	27.71 -0.80 0.00	27.44 -0.82 0.00	28.03 -0.66 0.00	31.85 -0.95 0.00	39.09 -1.37 -2.44	41.93 -2.62 -6.60	39.09 -1.98 -3.69	33.60 -1.54 -0.92	28.72 -1.59 -0.81	27.09 -1.07 -0.67	21.11 -0.76 -2.86	21.77 -0.68 -2.44	21.60 -0.67 -2.59	22.70 -0.94 -2.26	23.30 -0.92 -4.12	33.10 -1.92 -3.52	39.23 -2.95 -5.28	35.87 -2.36 -3.58	29.60 -1.66 -2.63	24.79 -1.30 -4.00	20.56 -0.63 -5.14	21.24 -0.62 -3.77
NIAGARA____ 23760	32.99 -0.50 0.00	28.78 -0.26 0.00	28.09 -0.43 0.00	27.64 -0.62 0.00	28.41 -0.29 0.00	32.31 -0.49 0.00	39.51 -0.95 -2.44	42.34 -2.20 -6.59	39.54 -1.53 -3.69	34.01 -1.13 -0.92	29.10 -1.21 -0.81	27.42 -0.74 -0.67	21.34 -0.53 -2.86	22.01 -0.44 -2.44	21.84 -0.43 -2.59	22.98 -0.66 -2.25	23.54 -0.68 -4.12	33.57 -1.45 -3.51	39.77 -2.40 -5.26	36.41 -1.80 -3.57	29.97 -1.29 -2.63	25.11 -0.97 -4.00	20.80 -0.39 -5.14	21.48 -0.38 -3.77
NINE_MILE_1 23575	32.66 -0.84 0.00	28.37 -0.67 0.00	27.83 -0.68 0.00	27.55 -0.71 0.00	27.89 -0.80 0.00	31.82 -0.98 0.00	38.34 -1.06 -1.38	40.59 -1.10 -3.75	38.46 -1.05 -2.11	33.75 -0.99 -0.53	29.14 -0.83 -0.46	27.19 -0.69 -0.39	20.28 -0.38 -1.64	21.03 -0.38 -1.40	20.81 -0.35 -1.49	22.27 -0.41 -1.29	22.07 -0.40 -2.36	32.84 -0.66 -2.00	39.05 -0.85 -2.99	35.94 -0.73 -2.03	29.52 -0.60 -1.49	23.89 -0.46 -2.27	18.68 -0.29 -2.92	19.90 -0.33 -2.14
NINE_MILE_2 23744	32.66 -0.84 0.00	28.37 -0.67 0.00	27.83 -0.68 0.00	27.55 -0.71 0.00	27.89 -0.80 0.00	31.82 -0.98 0.00	38.34 -1.06 -1.38	40.58 -1.10 -3.73	38.41 -1.09 -2.11	33.75 -0.99 -0.52	29.11 -0.86 -0.46	27.19 -0.69 -0.38	20.27 -0.38 -1.63	21.02 -0.38 -1.39	20.80 -0.35 -1.48	22.27 -0.41 -1.29	22.06 -0.40 -2.35	32.83 -0.66 -1.99	39.04 -0.85 -2.98	35.94 -0.73 -2.02	29.51 -0.60 -1.49	23.88 -0.46 -2.26	18.66 -0.29 -2.91	19.89 -0.33 -2.13
NM_CAPITAL__DRP 24208	34.47 0.97 0.00	29.82 0.78 0.00	29.34 0.83 0.00	29.19 0.93 0.00	29.61 0.92 0.00	34.01 1.21 0.00	50.86 1.41 -11.43	70.23 1.33 -30.95	56.39 1.35 -17.65	39.77 1.16 -4.39	34.32 0.94 -3.88	31.64 0.93 -3.22	33.22 0.51 -13.69	32.22 0.54 -11.67	32.65 0.57 -12.40	32.89 0.71 -10.80	40.48 0.64 -19.73	49.09 1.10 -16.48	62.92 1.29 -24.72	52.60 1.18 -16.78	41.95 0.97 -12.34	41.58 0.73 -18.76	40.64 0.48 -24.11	36.28 0.52 -17.67
NM_CENTRAL__DRP 24181	33.56 0.07 0.00	29.13 0.09 0.00	28.60 0.09 0.00	28.34 0.08 0.00	28.72 0.03 0.00	32.77 -0.03 0.00	39.94 0.04 -1.87	43.02 0.00 -5.08	40.28 0.04 -2.86	34.89 -0.03 -0.71	30.13 0.00 -0.63	28.12 0.11 -0.52	21.38 0.15 -2.21	22.10 0.20 -1.89	21.88 0.20 -2.01	23.35 0.21 -1.75	23.46 0.16 -3.19	34.43 0.22 -2.70	41.11 0.15 -4.05	37.60 0.21 -2.75	30.83 0.17 -2.02	25.30 0.13 -3.08	20.13 0.13 -3.95	21.11 0.13 -2.90
NM_FRONTIER__DRP 24179	32.56 -0.94 0.00	28.31 -0.73 0.00	27.71 -0.80 0.00	27.44 -0.82 0.00	28.03 -0.66 0.00	31.85 -0.95 0.00	39.09 -1.37 -2.44	41.93 -2.62 -6.60	39.09 -1.98 -3.69	33.60 -1.54 -0.92	28.72 -1.59 -0.81	27.09 -1.07 -0.67	21.11 -0.76 -2.86	21.77 -0.68 -2.44	21.60 -0.67 -2.59	22.70 -0.94 -2.26	23.30 -0.92 -4.12	33.10 -1.92 -3.52	39.23 -2.95 -5.28	35.87 -2.36 -3.58	29.60 -1.66 -2.63	24.79 -1.30 -4.00	20.56 -0.63 -5.14	21.24 -0.62 -3.77
NM_ST_REGIS__HYD 24053	32.86 -0.64 0.00	28.60 -0.44 0.00	28.06 -0.46 0.00	27.75 -0.51 0.00	28.06 -0.63 0.00	31.72 -1.08 0.00	36.95 -1.33 -0.25	37.46 -1.18 -0.68	36.31 -1.46 -0.38	32.98 -1.33 -0.10	28.47 -1.12 -0.08	26.30 -1.26 -0.07	18.34 -0.97 -0.30	19.19 -1.08 -0.25	18.88 -1.06 -0.27	20.53 -1.09 -0.24	19.55 -0.99 -0.43	30.45 -1.42 -0.36	36.20 -1.25 -0.55	33.56 -1.45 -0.37	27.76 -1.15 -0.27	21.66 -0.84 -0.41	16.02 -0.56 -0.53	17.97 -0.51 -0.39
NORTHPORT__1 23551	37.26 3.02 -0.75	35.24 2.38 -3.82	32.47 2.42 -1.54	32.06 2.49 -1.31	35.16 2.61 -3.86	38.63 3.22 -2.62	50.70 3.38 -9.30	66.37 3.26 -25.16	55.15 3.40 -14.36	47.61 3.59 -9.80	42.11 3.16 -9.45	38.51 2.94 -8.07	35.34 1.94 -14.39	33.94 2.04 -11.89	34.30 1.93 -12.69	39.96 2.07 -16.50	42.84 1.95 -20.78	62.70 2.65 -28.54	80.94 3.28 -40.75	65.17 2.94 -27.58	50.79 2.43 -19.73	48.56 1.90 -24.58	44.16 1.36 -26.75	41.04 1.57 -21.38
NORTHPORT__2 23552	37.26 3.02 -0.75	35.24 2.38 -3.82	32.47 2.42 -1.54	32.06 2.49 -1.31	35.16 2.61 -3.86	38.63 3.22 -2.62	50.70 3.38 -9.30	66.37 3.26 -25.16	55.15 3.40 -14.36	47.61 3.59 -9.80	42.11 3.16 -9.45	38.51 2.94 -8.07	35.34 1.94 -14.39	33.94 2.04 -11.89	34.30 1.93 -12.69	39.96 2.07 -16.50	42.84 1.95 -20.78	62.70 2.65 -28.54	80.94 3.28 -40.75	65.17 2.94 -27.58	50.79 2.43 -19.73	48.56 1.90 -24.58	44.16 1.36 -26.75	41.04 1.57 -21.38

NORTHPORT___3 23553	37.77 3.52 -0.75	35.69 2.82 -3.83	32.86 2.80 -1.55	32.43 2.85 -1.32	35.57 3.01 -3.86	39.10 3.67 -2.62	51.40 4.07 -9.30	67.18 4.06 -25.17	55.87 4.11 -14.37	48.09 4.04 -9.84	42.53 3.57 -9.46	38.85 3.27 -8.08	35.60 2.19 -14.39	34.19 2.28 -11.89	34.58 2.20 -12.70	40.25 2.35 -16.51	43.11 2.21 -20.79	63.24 3.18 -28.55	81.60 3.84 -40.85	65.84 3.60 -27.59	51.29 2.92 -19.74	48.99 2.32 -24.59	44.49 1.68 -26.76	41.34 1.86 -21.39
NORTHPORT___4 23650	37.77 3.52 -0.75	35.69 2.82 -3.83	32.86 2.80 -1.55	32.43 2.85 -1.32	35.57 3.01 -3.86	39.10 3.67 -2.62	51.40 4.07 -9.30	67.18 4.06 -25.17	55.87 4.11 -14.37	48.09 4.04 -9.84	42.53 3.57 -9.46	38.85 3.27 -8.08	35.60 2.19 -14.39	34.19 2.28 -11.89	34.58 2.20 -12.70	40.25 2.35 -16.51	43.11 2.21 -20.79	63.24 3.18 -28.55	81.60 3.84 -40.85	65.84 3.60 -27.59	51.29 2.92 -19.74	48.99 2.32 -24.59	44.49 1.68 -26.76	41.34 1.86 -21.39
NORTHPORT___IC 23718	37.26 3.02 -0.75	35.24 2.38 -3.82	32.47 2.42 -1.54	32.06 2.49 -1.31	35.16 2.61 -3.86	38.63 3.22 -2.62	50.70 3.38 -9.30	66.37 3.26 -25.16	55.15 3.40 -14.36	47.61 3.59 -9.80	42.11 3.16 -9.45	38.51 2.94 -8.07	35.34 1.94 -14.39	33.94 2.04 -11.89	34.30 1.93 -12.69	39.96 2.07 -16.50	42.84 1.95 -20.78	62.70 2.65 -28.54	80.94 3.28 -40.75	65.17 2.94 -27.58	50.79 2.43 -19.73	48.56 1.90 -24.58	44.16 1.36 -26.75	41.04 1.57 -21.38
NORTH___COUNTRY_ESR 323785	33.19 -0.30 0.00	28.84 -0.20 0.00	28.26 -0.26 0.00	27.95 -0.31 0.00	28.32 -0.37 0.00	32.21 -0.59 0.00	36.81 -1.22 0.00	36.93 -1.02 0.00	36.30 -1.09 0.00	33.33 -0.89 0.00	28.82 -0.68 0.00	26.50 -0.99 0.00	18.12 -0.89 0.00	18.95 -1.06 0.00	18.67 -1.00 0.00	20.36 -1.03 0.00	19.26 -0.84 0.00	30.31 -1.20 0.00	36.02 -0.89 0.00	33.50 -1.14 0.00	27.69 -0.94 0.00	21.31 -0.77 0.00	15.44 -0.61 0.00	17.46 -0.63 0.00
NPX_GEN_1385_PROXY 323591	36.82 2.58 -0.75	35.10 2.24 -3.82	32.50 2.45 -1.54	31.66 2.09 -1.31	34.76 2.21 -3.86	38.40 2.98 -2.62	50.47 3.15 -9.30	65.84 2.73 -25.16	54.62 2.88 -14.36	46.99 2.98 -9.80	41.52 2.57 -9.45	38.26 2.70 -8.07	35.21 1.81 -14.39	33.86 1.96 -11.89	34.00 1.63 -12.69	39.60 1.71 -16.50	42.48 1.59 -20.78	62.22 2.17 -28.54	80.24 2.58 -40.75	64.27 2.04 -27.58	50.22 1.86 -19.73	48.10 1.43 -24.58	43.84 1.04 -26.75	40.70 1.23 -21.38
NPX_GEN_CSC 323557	39.20 4.96 -0.75	36.96 4.10 -3.82	34.47 4.42 -1.54	34.12 4.55 -1.31	37.14 4.59 -3.86	40.14 4.72 -2.62	53.15 5.82 -9.30	68.88 5.77 -25.17	57.70 5.95 -14.37	50.94 5.00 -11.73	44.57 5.61 -9.46	40.77 5.20 -8.08	36.83 3.42 -14.39	35.50 3.60 -11.89	35.98 3.60 -12.70	41.79 3.89 -16.51	44.34 3.44 -20.79	64.84 4.79 -28.55	88.56 5.30 -46.82	67.53 5.30 -27.59	52.72 4.35 -19.74	50.10 3.42 -24.59	45.36 2.55 -26.76	42.50 3.02 -21.39
NSINS_S_GLNS_FALLS 23858	35.37 1.88 0.00	30.55 1.51 0.00	30.22 1.71 0.00	30.10 1.84 0.00	30.56 1.87 0.00	35.23 2.43 0.00	52.95 3.08 -11.85	73.14 3.11 -32.08	58.79 3.10 -18.30	41.13 2.36 -4.55	35.32 1.80 -4.02	32.34 1.51 -3.33	34.15 0.95 -14.19	33.13 1.02 -12.10	33.40 0.87 -12.86	33.56 0.98 -11.19	41.51 0.94 -20.46	50.22 1.64 -17.08	64.59 2.07 -25.62	53.94 1.91 -17.39	42.94 1.52 -12.79	42.59 1.06 -19.44	41.67 0.64 -24.99	37.01 0.62 -18.31
NUCOR_STEEL___DRP 24197	34.40 0.90 0.00	29.85 0.81 0.00	29.28 0.77 0.00	28.99 0.73 0.00	29.47 0.77 0.00	33.68 0.89 0.00	41.40 1.14 -2.24	45.12 1.10 -6.07	41.92 1.16 -3.37	35.98 0.92 -0.84	30.89 0.65 -0.74	28.74 0.63 -0.61	22.11 0.48 -2.62	22.80 0.56 -2.23	22.62 0.57 -2.37	24.07 0.62 -2.06	24.42 0.54 -3.77	35.65 0.91 -3.23	42.71 0.96 -4.85	38.94 1.00 -3.29	31.85 0.80 -2.42	26.36 0.60 -3.68	21.24 0.47 -4.73	22.04 0.49 -3.46
NUMBER_THREE_WT_PWR 323818	33.76 0.27 0.00	29.33 0.29 0.00	28.74 0.23 0.00	28.49 0.23 0.00	28.95 0.26 0.00	33.00 0.20 0.00	39.27 0.57 -0.68	40.39 0.61 -1.84	38.76 0.34 -1.03	34.61 0.14 -0.26	29.64 -0.09 -0.23	27.49 -0.19 -0.19	19.65 -0.17 -0.80	20.49 -0.20 -0.68	20.21 -0.20 -0.73	21.91 -0.11 -0.63	21.22 -0.04 -1.15	32.77 0.28 -0.98	38.93 0.55 -1.47	35.81 0.17 -1.00	29.71 0.34 -0.73	23.47 0.27 -1.11	17.62 0.14 -1.43	19.36 0.22 -1.05
NYISO_LBMP_REFERENCE 24008	33.50 0.00 0.00	29.04 0.00 0.00	28.51 0.00 0.00	28.26 0.00 0.00	28.69 0.00 0.00	32.80 0.00 0.00	38.02 0.00 0.00	37.95 0.00 0.00	37.39 0.00 0.00	34.22 0.00 0.00	29.50 0.00 0.00	27.49 0.00 0.00	19.02 0.00 0.00	20.01 0.00 0.00	19.68 0.00 0.00	21.39 0.00 0.00	20.11 0.00 0.00	31.51 0.00 0.00	36.91 0.00 0.00	34.64 0.00 0.00	28.63 0.00 0.00	22.09 0.00 0.00	16.05 0.00 0.00	18.09 0.00 0.00
NYPA_BRENTWD___GT 24164	38.23 3.98 -0.75	36.06 3.19 -3.82	33.30 3.25 -1.54	32.93 3.36 -1.31	36.02 3.47 -3.86	39.52 4.10 -2.62	51.97 4.64 -9.31	67.63 4.51 -25.17	56.43 4.67 -14.37	48.59 4.35 -10.03	43.12 4.16 -9.46	39.40 3.82 -8.09	35.93 2.53 -14.39	34.56 2.66 -11.89	34.96 2.58 -12.70	40.70 2.80 -16.51	43.53 2.63 -20.80	63.78 3.72 -28.56	82.59 4.21 -41.47	66.39 4.16 -27.59	51.78 3.41 -19.74	49.33 2.65 -24.59	44.73 1.92 -26.76	41.67 2.19 -21.39
NYPA_GOWANUS___GT5 24156	36.42 2.91 -0.01	31.34 2.29 -0.01	30.75 2.23 -0.01	30.53 2.26 -0.01	31.08 2.38 -0.01	35.82 3.02 -0.01	50.36 3.04 -9.29	66.22 3.11 -25.16	54.77 3.03 -14.35	40.97 3.18 -3.57	35.72 3.07 -3.15	32.88 2.78 -2.61	31.97 1.83 -11.13	31.40 1.90 -9.49	31.55 1.79 -10.08	32.11 1.95 -8.78	37.96 1.81 -16.04	47.20 2.30 -13.40	59.73 2.73 -20.10	50.95 2.67 -13.64	40.73 2.06 -10.03	39.12 1.79 -15.25	37.04 1.40 -19.60	34.01 1.56 -14.37
NYPA_GOWANUS___GT6 24157	36.42 2.91 -0.01	31.34 2.29 -0.01	30.75 2.23 -0.01	30.53 2.26 -0.01	31.08 2.38 -0.01	35.82 3.02 -0.01	50.36 3.04 -9.29	66.22 3.11 -25.16	54.77 3.03 -14.35	40.97 3.18 -3.57	35.72 3.07 -3.15	32.88 2.78 -2.61	31.97 1.83 -11.13	31.40 1.90 -9.49	31.55 1.79 -10.08	32.11 1.95 -8.78	37.96 1.81 -16.04	47.20 2.30 -13.40	59.73 2.73 -20.10	50.95 2.67 -13.64	40.73 2.06 -10.03	39.12 1.79 -15.25	37.04 1.40 -19.60	34.01 1.56 -14.37
NYPA_HARLEM__RVR_GT1 24160	36.18 2.68 -0.01	31.20 2.15 -0.01	30.69 2.17 -0.01	30.50 2.23 -0.01	31.17 2.47 -0.01	35.86 3.05 -0.01	50.47 3.15 -9.29	66.25 3.15 -25.16	54.54 2.81 -14.34	40.65 2.87 -3.56	35.42 2.77 -3.14	32.63 2.53 -2.61	31.79 1.65 -11.12	31.21 1.72 -9.48	31.39 1.63 -10.08	31.91 1.75 -8.77	37.75 1.61 -16.04	46.88 1.99 -13.39	59.36 2.36 -20.09	50.59 2.32 -13.63	40.49 1.83 -10.02	38.93 1.59 -15.25	36.93 1.28 -19.60	33.92 1.46 -14.37
NYPA_HARLEM__RVR_GT2 24161	36.18 2.68 -0.01	31.20 2.15 -0.01	30.69 2.17 -0.01	30.50 2.23 -0.01	31.17 2.47 -0.01	35.86 3.05 -0.01	50.47 3.15 -9.29	66.25 3.15 -25.16	54.54 2.81 -14.34	40.65 2.87 -3.56	35.42 2.77 -3.14	32.63 2.53 -2.61	31.79 1.65 -11.12	31.21 1.72 -9.48	31.39 1.63 -10.08	31.91 1.75 -8.77	37.75 1.61 -16.04	46.88 1.99 -13.39	59.36 2.36 -20.09	50.59 2.32 -13.63	40.49 1.83 -10.02	38.93 1.59 -15.25	36.93 1.28 -19.60	33.92 1.46 -14.37

NYPA_KENT____GT 24152	36.32 2.81 -0.01	31.25 2.21 -0.01	30.69 2.17 -0.01	30.47 2.21 -0.01	31.03 2.32 -0.01	35.76 2.95 -0.01	50.36 3.04 -9.29	66.22 3.11 -25.16	54.73 2.99 -14.35	40.93 3.15 -3.57	35.66 3.01 -3.15	32.83 2.72 -2.61	31.93 1.79 -11.13	31.36 1.86 -9.49	31.53 1.77 -10.08	32.07 1.90 -8.78	37.90 1.75 -16.04	47.14 2.24 -13.40	59.66 2.66 -20.10	50.88 2.60 -13.64	40.70 2.03 -10.03	39.08 1.74 -15.25	36.99 1.35 -19.60	33.96 1.50 -14.37
NYPA_POUCH1____GT 24155	36.45 2.95 -0.01	31.37 2.32 -0.01	30.80 2.28 -0.01	30.56 2.29 -0.01	31.11 2.41 -0.01	35.86 3.05 -0.01	50.43 3.12 -9.29	66.25 3.15 -25.16	54.81 3.07 -14.35	41.00 3.22 -3.57	35.75 3.10 -3.15	32.91 2.81 -2.61	31.99 1.84 -11.13	31.42 1.92 -9.49	31.59 1.83 -10.08	32.13 1.97 -8.78	37.98 1.83 -16.04	47.23 2.33 -13.40	59.77 2.77 -20.10	50.98 2.70 -13.64	40.75 2.09 -10.03	39.15 1.81 -15.25	37.07 1.43 -19.60	34.03 1.57 -14.37
NYPA_VERNON____GT2 24162	36.22 2.71 -0.01	31.20 2.15 -0.01	30.63 2.11 -0.01	30.41 2.15 -0.01	31.00 2.30 -0.01	35.69 2.89 -0.01	50.36 3.04 -9.29	66.18 3.07 -25.16	54.69 2.95 -14.35	40.90 3.11 -3.57	35.60 2.95 -3.15	32.77 2.67 -2.61	31.91 1.77 -11.13	31.34 1.84 -9.49	31.49 1.73 -10.08	32.02 1.86 -8.78	37.86 1.71 -16.04	47.11 2.20 -13.40	59.62 2.62 -20.10	50.81 2.53 -13.64	40.67 2.00 -10.03	39.04 1.70 -15.25	36.94 1.30 -19.60	33.92 1.46 -14.37
NYPA_VERNON____GT3 24163	36.22 2.71 -0.01	31.20 2.15 -0.01	30.63 2.11 -0.01	30.41 2.15 -0.01	31.00 2.30 -0.01	35.69 2.89 -0.01	50.36 3.04 -9.29	66.18 3.07 -25.16	54.69 2.95 -14.35	40.90 3.11 -3.57	35.60 2.95 -3.15	32.77 2.67 -2.61	31.91 1.77 -11.13	31.34 1.84 -9.49	31.49 1.73 -10.08	32.02 1.86 -8.78	37.86 1.71 -16.04	47.11 2.20 -13.40	59.62 2.62 -20.10	50.81 2.53 -13.64	40.67 2.00 -10.03	39.04 1.70 -15.25	36.94 1.30 -19.60	33.92 1.46 -14.37
NYPA__ASTORIA_CC1 323568	36.22 2.71 -0.01	31.20 2.15 -0.01	30.63 2.11 -0.01	30.41 2.15 -0.01	31.00 2.30 -0.01	35.69 2.89 -0.01	50.32 3.00 -9.29	66.10 3.00 -25.16	54.62 2.88 -14.35	40.86 3.08 -3.57	35.55 2.89 -3.15	32.75 2.64 -2.61	31.87 1.73 -11.13	31.30 1.80 -9.49	31.47 1.71 -10.08	32.00 1.84 -8.78	37.84 1.69 -16.04	47.05 2.14 -13.40	59.51 2.51 -20.10	50.74 2.46 -13.64	40.64 1.97 -10.03	38.99 1.66 -15.25	36.93 1.28 -19.60	33.91 1.45 -14.37
NYPA__ASTORIA_CC2 323569	36.22 2.71 -0.01	31.20 2.15 -0.01	30.63 2.11 -0.01	30.41 2.15 -0.01	31.00 2.30 -0.01	35.69 2.89 -0.01	50.32 3.00 -9.29	66.10 3.00 -25.16	54.62 2.88 -14.35	40.86 3.08 -3.57	35.55 2.89 -3.15	32.75 2.64 -2.61	31.87 1.73 -11.13	31.30 1.80 -9.49	31.47 1.71 -10.08	32.00 1.84 -8.78	37.84 1.69 -16.04	47.05 2.14 -13.40	59.51 2.51 -20.10	50.74 2.46 -13.64	40.64 1.97 -10.03	38.99 1.66 -15.25	36.93 1.28 -19.60	33.91 1.45 -14.37
NYPA__HOLTSVILL 23794	39.24 4.99 -0.75	36.93 4.07 -3.82	34.33 4.28 -1.54	34.06 4.49 -1.31	37.08 4.53 -3.86	40.31 4.89 -2.62	53.22 5.89 -9.30	68.81 5.69 -25.17	57.58 5.83 -14.37	50.72 4.79 -11.71	44.30 5.34 -9.46	40.58 5.00 -8.08	36.69 3.29 -14.39	35.36 3.46 -11.89	35.82 3.44 -12.70	41.60 3.70 -16.51	44.32 3.42 -20.79	64.75 4.70 -28.55	88.26 4.58 -46.77	67.40 5.16 -27.59	52.60 4.24 -19.74	50.03 3.36 -24.59	45.32 2.52 -26.76	42.41 2.93 -21.39
NYPA____HELLGATE_GT1 24158	36.18 2.68 -0.01	31.20 2.15 -0.01	30.69 2.17 -0.01	30.50 2.23 -0.01	31.17 2.47 -0.01	35.86 3.05 -0.01	50.43 3.12 -9.29	66.22 3.11 -25.16	54.50 2.77 -14.34	40.61 2.84 -3.56	35.42 2.77 -3.14	32.63 2.53 -2.61	31.79 1.65 -11.12	31.21 1.72 -9.48	31.39 1.63 -10.08	31.91 1.75 -8.77	37.75 1.61 -16.04	46.85 1.95 -13.39	59.32 2.33 -20.09	50.56 2.29 -13.63	40.46 1.80 -10.02	38.93 1.59 -15.25	36.93 1.28 -19.60	33.92 1.46 -14.37
NYPA____HELLGATE_GT2 24159	36.18 2.68 -0.01	31.20 2.15 -0.01	30.69 2.17 -0.01	30.50 2.23 -0.01	31.17 2.47 -0.01	35.86 3.05 -0.01	50.43 3.12 -9.29	66.22 3.11 -25.16	54.50 2.77 -14.34	40.61 2.84 -3.56	35.42 2.77 -3.14	32.63 2.53 -2.61	31.79 1.65 -11.12	31.21 1.72 -9.48	31.39 1.63 -10.08	31.91 1.75 -8.77	37.75 1.61 -16.04	46.85 1.95 -13.39	59.32 2.33 -20.09	50.56 2.29 -13.63	40.46 1.80 -10.02	38.93 1.59 -15.25	36.93 1.28 -19.60	33.92 1.46 -14.37
NYS_BARGE__HYD 23848	33.36 -0.13 0.00	29.13 0.09 0.00	28.37 -0.14 0.00	27.89 -0.37 0.00	28.78 0.09 0.00	32.70 -0.10 0.00	39.82 -0.61 -2.41	42.73 -1.75 -6.53	39.92 -1.12 -3.65	34.37 -0.75 -0.91	29.39 -0.91 -0.80	27.66 -0.49 -0.66	21.45 -0.40 -2.83	22.16 -0.26 -2.41	21.95 -0.29 -2.56	23.13 -0.49 -2.23	23.64 -0.54 -4.08	33.82 -1.17 -3.48	40.09 -2.03 -5.21	36.66 -1.52 -3.54	30.17 -1.06 -2.60	25.23 -0.82 -3.96	20.83 -0.31 -5.08	21.53 -0.29 -3.73
OAK ORCHARD__HYD 24046	33.60 0.10 0.00	29.19 0.15 0.00	28.51 0.00 0.00	28.18 -0.08 0.00	28.81 0.12 0.00	32.86 0.07 0.00	40.49 0.27 -2.20	43.64 -0.26 -5.96	40.84 0.11 -3.35	35.29 0.24 -0.83	30.15 -0.09 -0.73	28.21 0.11 -0.61	21.70 0.10 -2.59	22.40 0.18 -2.21	22.22 0.20 -2.35	23.54 0.11 -2.05	23.91 0.06 -3.74	34.68 0.00 -3.17	41.23 -0.44 -4.76	37.74 -0.14 -3.23	30.95 -0.06 -2.38	25.66 -0.04 -3.61	20.80 0.11 -4.64	21.60 0.11 -3.40
OAKDALE__35_KV_LOAD 356122	34.40 0.90 0.00	29.85 0.81 0.00	29.28 0.77 0.00	29.02 0.76 0.00	29.56 0.86 0.00	33.75 0.95 0.00	42.99 1.06 -3.90	49.46 0.95 -10.56	44.31 1.08 -5.83	36.63 0.96 -1.45	31.52 0.74 -1.28	29.30 0.74 -1.06	24.03 0.49 -4.52	24.43 0.56 -3.86	24.33 0.55 -4.10	25.53 0.58 -3.57	27.13 0.50 -6.52	37.79 0.66 -5.62	46.01 0.66 -8.44	41.13 0.76 -5.73	33.50 0.66 -4.21	28.97 0.49 -6.40	24.66 0.39 -8.23	24.55 0.43 -6.03
OCC_CHEM__DRP 24175	32.66 -0.84 0.00	28.40 -0.64 0.00	27.80 -0.71 0.00	27.53 -0.73 0.00	28.12 -0.57 0.00	31.95 -0.85 0.00	39.17 -1.29 -2.44	42.09 -2.47 -6.61	39.21 -1.87 -3.69	33.70 -1.44 -0.92	28.81 -1.50 -0.81	27.18 -0.99 -0.67	21.17 -0.70 -2.86	21.83 -0.62 -2.44	21.66 -0.61 -2.59	22.77 -0.88 -2.26	23.35 -0.88 -4.12	33.20 -1.83 -3.52	39.34 -2.84 -5.28	35.97 -2.25 -3.58	29.69 -1.57 -2.64	24.86 -1.24 -4.01	20.62 -0.58 -5.15	21.28 -0.58 -3.77
OH_GEN_PROXY 24063	32.99 -0.50 0.00	28.78 -0.26 0.00	28.11 -0.40 0.00	27.67 -0.59 0.00	28.41 -0.29 0.00	32.34 -0.46 0.00	39.57 -0.87 -2.42	42.42 -2.09 -6.56	39.60 -1.46 -3.67	34.07 -1.06 -0.91	29.19 -1.12 -0.81	27.48 -0.69 -0.67	21.39 -0.47 -2.85	22.04 -0.40 -2.43	21.86 -0.39 -2.58	23.01 -0.62 -2.25	23.57 -0.64 -4.10	33.61 -1.39 -3.49	39.89 -2.25 -5.24	36.50 -1.70 -3.55	30.04 -1.20 -2.61	25.15 -0.91 -3.97	20.80 -0.35 -5.11	21.47 -0.36 -3.74
OLIN_CORP_DRP 24177	32.93 -0.57 0.00	28.66 -0.38 0.00	28.06 -0.46 0.00	27.78 -0.48 0.00	28.41 -0.29 0.00	32.21 -0.59 0.00	39.30 -1.18 -2.45	42.31 -2.28 -6.64	39.38 -1.72 -3.72	33.88 -1.27 -0.92	28.96 -1.36 -0.82	27.29 -0.88 -0.68	21.23 -0.67 -2.88	21.93 -0.54 -2.46	21.70 -0.59 -2.61	22.85 -0.81 -2.27	23.42 -0.84 -4.15	33.37 -1.67 -3.54	39.55 -2.66 -5.30	36.16 -2.08 -3.60	29.76 -1.52 -2.65	24.96 -1.15 -4.03	20.71 -0.51 -5.17	21.34 -0.54 -3.79

OLIN_CORP_DSASP 323712	32.66 -0.84 0.00	28.49 -0.55 0.00	27.94 -0.57 0.00	27.50 -0.76 0.00	28.15 -0.55 0.00	32.01 -0.79 0.00	39.17 -1.29 -2.44	41.90 -2.66 -6.61	39.17 -1.91 -3.69	33.70 -1.44 -0.92	28.81 -1.50 -0.81	27.15 -1.02 -0.67	21.17 -0.70 -2.86	21.83 -0.62 -2.44	21.66 -0.61 -2.59	22.77 -0.88 -2.26	23.35 -0.88 -4.12	33.20 -1.83 -3.52	39.34 -2.84 -5.28	35.97 -2.25 -3.58	29.69 -1.57 -2.64	24.86 -1.24 -4.01	20.62 -0.58 -5.15	21.28 -0.58 -3.77
ONEIDA_HERK_LFGE 323681	34.13 0.63 0.00	29.71 0.67 0.00	29.11 0.60 0.00	28.80 0.54 0.00	29.27 0.57 0.00	33.45 0.66 0.00	39.61 1.03 -0.56	40.49 1.03 -1.52	39.14 0.90 -0.85	35.15 0.72 -0.21	30.16 0.47 -0.19	28.01 0.36 -0.16	19.89 0.21 -0.66	20.80 0.22 -0.56	20.49 0.22 -0.60	22.23 0.32 -0.52	21.36 0.30 -0.96	33.04 0.73 -0.81	39.08 0.96 -1.21	36.20 0.73 -0.82	29.90 0.66 -0.61	23.49 0.49 -0.92	17.53 0.30 -1.18	19.34 0.38 -0.87
ONEIDA___115KV_TB4 55905	34.67 1.17 0.00	30.17 1.13 0.00	29.57 1.05 0.00	29.36 1.10 0.00	29.76 1.06 0.00	34.01 1.21 0.00	40.67 1.71 -0.94	42.19 1.71 -2.54	40.38 1.57 -1.43	35.84 1.27 -0.35	30.82 1.00 -0.31	28.61 0.85 -0.26	20.69 0.57 -1.11	21.55 0.60 -0.94	21.29 0.61 -1.00	22.99 0.73 -0.87	22.38 0.68 -1.59	34.12 1.26 -1.35	40.48 1.55 -2.03	37.44 1.42 -1.38	30.76 1.12 -1.01	24.44 0.82 -1.54	18.57 0.55 -1.98	20.19 0.65 -1.45
ONONDAGA_REF_OCCRA 23987	33.80 0.30 0.00	29.33 0.29 0.00	28.77 0.26 0.00	28.51 0.25 0.00	28.92 0.23 0.00	33.03 0.23 0.00	40.44 0.34 -2.07	43.90 0.34 -5.61	40.92 0.37 -3.16	35.24 0.24 -0.78	30.43 0.24 -0.69	28.34 0.27 -0.57	21.71 0.25 -2.45	22.40 0.30 -2.09	22.21 0.31 -2.22	23.66 0.34 -1.93	23.92 0.28 -3.53	34.94 0.44 -2.99	41.80 0.41 -4.49	38.14 0.45 -3.04	31.24 0.37 -2.24	25.75 0.27 -3.40	20.64 0.22 -4.37	21.53 0.24 -3.20
ONONDAGA___COGEN 23986	33.90 0.40 0.00	29.45 0.41 0.00	28.88 0.37 0.00	28.63 0.37 0.00	29.04 0.34 0.00	33.16 0.36 0.00	40.59 0.53 -2.04	43.96 0.49 -5.52	41.01 0.52 -3.10	35.40 0.41 -0.77	30.51 0.32 -0.68	28.41 0.36 -0.56	21.72 0.30 -2.40	22.42 0.36 -2.05	22.23 0.37 -2.17	23.69 0.41 -1.89	23.89 0.32 -3.46	34.98 0.54 -2.94	41.83 0.52 -4.41	38.19 0.55 -2.99	31.26 0.43 -2.20	25.76 0.33 -3.34	20.62 0.27 -4.30	21.53 0.29 -3.15
ONTARIO___LFGE 23819	34.40 0.90 0.00	29.97 0.93 0.00	29.34 0.83 0.00	28.91 0.65 0.00	29.58 0.89 0.00	33.82 1.02 0.00	41.76 1.33 -2.41	45.43 0.95 -6.53	42.25 1.20 -3.67	36.15 1.03 -0.91	31.04 0.74 -0.80	28.87 0.71 -0.67	22.33 0.48 -2.84	23.02 0.58 -2.42	22.82 0.57 -2.58	24.25 0.62 -2.24	24.71 0.50 -4.10	35.80 0.82 -3.48	42.90 0.78 -5.22	39.08 0.90 -3.54	31.92 0.69 -2.60	26.51 0.46 -3.96	21.52 0.38 -5.09	22.27 0.45 -3.73
ORANGEVILLE_WT_PWR 323706	34.06 0.57 0.00	29.68 0.64 0.00	29.00 0.48 0.00	28.57 0.31 0.00	29.35 0.66 0.00	33.42 0.62 0.00	40.98 0.23 -2.72	44.71 -0.61 -7.37	41.34 -0.19 -4.14	35.11 -0.14 -1.03	30.09 -0.32 -0.91	28.17 -0.08 -0.75	22.11 -0.11 -3.21	22.73 -0.02 -2.74	22.55 -0.04 -2.91	23.75 -0.17 -2.53	24.55 -0.18 -4.63	34.90 -0.54 -3.93	41.69 -1.11 -5.89	37.88 -0.76 -4.00	31.08 -0.49 -2.94	26.18 -0.38 -4.47	21.73 -0.06 -5.74	22.21 -0.09 -4.21
ORANGEVILLE___ESR 323794	34.06 0.57 0.00	29.68 0.64 0.00	29.00 0.48 0.00	28.57 0.31 0.00	29.35 0.66 0.00	33.42 0.62 0.00	40.98 0.23 -2.72	44.71 -0.61 -7.37	41.34 -0.19 -4.14	35.11 -0.14 -1.03	30.09 -0.32 -0.91	28.17 -0.08 -0.75	22.11 -0.11 -3.21	22.73 -0.02 -2.74	22.55 -0.04 -2.91	23.75 -0.17 -2.53	24.55 -0.18 -4.63	34.90 -0.54 -3.93	41.69 -1.11 -5.89	37.88 -0.76 -4.00	31.08 -0.49 -2.94	26.18 -0.38 -4.47	21.73 -0.06 -5.74	22.21 -0.09 -4.21
OSWEGATCHIE___HYD 24044	33.06 -0.44 0.00	28.72 -0.32 0.00	28.14 -0.37 0.00	27.92 -0.34 0.00	28.29 -0.40 0.00	32.08 -0.72 0.00	37.89 -0.65 -0.51	38.80 -0.53 -1.38	37.31 -0.86 -0.78	33.49 -0.92 -0.19	28.76 -0.91 -0.17	26.65 -0.99 -0.14	18.88 -0.74 -0.60	19.72 -0.80 -0.51	19.44 -0.79 -0.55	21.09 -0.77 -0.48	20.31 -0.66 -0.87	31.45 -0.79 -0.74	37.38 -0.63 -1.10	34.53 -0.86 -0.75	28.58 -0.60 -0.55	22.50 -0.42 -0.84	16.83 -0.29 -1.08	18.64 -0.24 -0.79
OSWEGO___5 23606	32.83 -0.67 0.00	28.52 -0.52 0.00	27.97 -0.54 0.00	27.70 -0.56 0.00	28.06 -0.63 0.00	32.01 -0.79 0.00	38.56 -0.84 -1.38	40.80 -0.87 -3.72	38.63 -0.86 -2.10	33.96 -0.79 -0.52	29.29 -0.68 -0.46	27.33 -0.55 -0.38	20.36 -0.28 -1.63	21.12 -0.28 -1.39	20.88 -0.28 -1.48	22.37 -0.30 -1.29	22.15 -0.30 -2.35	32.98 -0.51 -1.98	39.22 -0.66 -2.98	36.07 -0.59 -2.02	29.63 -0.49 -1.49	23.99 -0.35 -2.26	18.72 -0.22 -2.90	19.96 -0.25 -2.13
OSWEGO___6 23613	32.83 -0.67 0.00	28.52 -0.52 0.00	27.97 -0.54 0.00	27.70 -0.56 0.00	28.06 -0.63 0.00	32.01 -0.79 0.00	38.56 -0.84 -1.38	40.80 -0.87 -3.72	38.63 -0.86 -2.10	33.96 -0.79 -0.52	29.29 -0.68 -0.46	27.33 -0.55 -0.38	20.36 -0.28 -1.63	21.12 -0.28 -1.39	20.88 -0.28 -1.48	22.37 -0.30 -1.29	22.15 -0.30 -2.35	32.98 -0.51 -1.98	39.22 -0.66 -2.98	36.07 -0.59 -2.02	29.63 -0.49 -1.49	23.99 -0.35 -2.26	18.72 -0.22 -2.90	19.96 -0.25 -2.13
OUTOKUMPU-AB___DRP 24206	33.66 0.17 0.00	29.27 0.23 0.00	28.68 0.17 0.00	28.40 0.14 0.00	29.01 0.32 0.00	32.93 0.13 0.00	40.18 -0.30 -2.46	43.29 -1.33 -6.67	40.31 -0.79 -3.71	34.63 -0.51 -0.92	29.61 -0.71 -0.81	27.89 -0.27 -0.68	21.64 -0.25 -2.87	22.36 -0.10 -2.45	22.16 -0.12 -2.60	23.31 -0.34 -2.27	23.87 -0.38 -4.14	34.05 -1.01 -3.55	40.46 -1.77 -5.33	36.98 -1.28 -3.62	30.46 -0.83 -2.66	25.47 -0.66 -4.04	21.05 -0.19 -5.20	21.73 -0.16 -3.81
OXBOW___ 24026	33.23 -0.27 0.00	29.01 -0.03 0.00	28.40 -0.11 0.00	27.95 -0.31 0.00	28.67 -0.03 0.00	32.57 -0.23 0.00	39.79 -0.68 -2.45	42.61 -1.97 -6.64	39.85 -1.23 -3.70	34.25 -0.89 -0.92	29.31 -1.00 -0.81	27.62 -0.55 -0.67	21.46 -0.42 -2.87	22.16 -0.30 -2.45	21.96 -0.32 -2.60	23.09 -0.56 -2.26	23.66 -0.58 -4.13	33.72 -1.32 -3.54	40.00 -2.21 -5.30	36.58 -1.66 -3.60	30.16 -1.12 -2.65	25.23 -0.88 -4.03	20.88 -0.34 -5.17	21.56 -0.33 -3.79
OXY_CHEM_DSASP 323612	32.66 -0.84 0.00	28.40 -0.64 0.00	27.80 -0.71 0.00	27.53 -0.73 0.00	28.12 -0.57 0.00	31.95 -0.85 0.00	39.17 -1.29 -2.44	42.09 -2.47 -6.61	39.21 -1.87 -3.69	33.70 -1.44 -0.92	28.81 -1.50 -0.81	27.18 -0.99 -0.67	21.17 -0.70 -2.86	21.83 -0.62 -2.44	21.66 -0.61 -2.59	22.77 -0.88 -2.26	23.35 -0.88 -4.12	33.20 -1.83 -3.52	39.34 -2.84 -5.28	35.97 -2.25 -3.58	29.69 -1.57 -2.64	24.86 -1.24 -4.01	20.62 -0.58 -5.15	21.28 -0.58 -3.77
OZONE_PARK_ESR 323760	36.34 2.85 0.00	31.28 2.24 0.00	30.68 2.17 0.00	30.44 2.18 0.00	31.05 2.35 0.00	35.82 3.02 0.00	50.70 3.38 -9.29	66.56 3.45 -25.16	55.18 3.44 -14.35	41.21 3.42 -3.57	35.78 3.13 -3.15	32.94 2.83 -2.61	32.02 1.88 -11.13	31.46 1.96 -9.49	31.63 1.87 -10.08	32.15 1.99 -8.78	38.00 1.85 -16.04	47.45 2.55 -13.40	60.06 3.06 -20.10	51.23 2.94 -13.64	40.98 2.32 -10.03	39.23 1.90 -15.25	37.02 1.38 -19.60	33.97 1.52 -14.36

PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	32.66 -0.84 0.00	28.40 -0.64 0.00	27.80 -0.71 0.00	27.53 -0.73 0.00	28.12 -0.57 0.00	31.95 -0.85 0.00	39.17 -1.29 -2.44	42.09 -2.47 -6.61	39.21 -1.87 -3.69	33.70 -1.44 -0.92	28.81 -1.50 -0.81	27.18 -0.99 -0.67	21.17 -0.70 -2.86	21.83 -0.62 -2.44	21.66 -0.61 -2.59	22.77 -0.88 -2.26	23.35 -0.88 -4.12	33.20 -1.83 -3.52	39.34 -2.84 -5.28	35.97 -2.25 -3.58	29.69 -1.57 -2.64	24.86 -1.24 -4.01	20.62 -0.58 -5.15	21.28 -0.58 -3.77
PACKARD__115KV_DUPONT_184 80571	32.66 -0.84 0.00	28.40 -0.64 0.00	27.80 -0.71 0.00	27.53 -0.73 0.00	28.12 -0.57 0.00	31.95 -0.85 0.00	39.17 -1.29 -2.44	42.09 -2.47 -6.61	39.21 -1.87 -3.69	33.70 -1.44 -0.92	28.81 -1.50 -0.81	27.18 -0.99 -0.67	21.17 -0.70 -2.86	21.83 -0.62 -2.44	21.66 -0.61 -2.59	22.77 -0.88 -2.26	23.35 -0.88 -4.12	33.20 -1.83 -3.52	39.34 -2.84 -5.28	35.97 -2.25 -3.58	29.69 -1.57 -2.64	24.86 -1.24 -4.01	20.62 -0.58 -5.15	21.28 -0.58 -3.77
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	36.24 2.75 0.00	31.25 2.21 0.00	30.71 2.20 0.00	30.46 2.20 0.00	31.10 2.41 0.00	35.78 2.98 0.00	50.43 3.12 -9.29	66.10 3.00 -25.16	54.39 2.65 -14.35	40.69 2.91 -3.57	35.43 2.77 -3.15	32.61 2.50 -2.61	31.78 1.64 -11.13	31.22 1.72 -9.49	31.37 1.61 -10.08	31.90 1.73 -8.78	37.74 1.59 -16.04	46.89 1.98 -13.40	59.36 2.36 -20.10	50.60 2.32 -13.64	40.50 1.83 -10.03	38.90 1.57 -15.25	36.93 1.28 -19.60	33.93 1.48 -14.36
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	36.44 2.95 0.00	31.57 2.53 0.00	31.02 2.51 0.00	30.78 2.52 0.00	31.28 2.58 0.00	36.01 3.21 0.00	50.66 3.35 -9.29	66.37 3.26 -25.16	54.62 2.88 -14.35	40.83 3.05 -3.57	35.66 3.01 -3.15	32.83 2.72 -2.61	31.95 1.81 -11.13	31.38 1.88 -9.49	31.53 1.77 -10.08	32.09 1.92 -8.78	37.84 1.69 -16.04	47.04 2.14 -13.40	59.55 2.55 -20.10	50.78 2.49 -13.64	40.67 2.00 -10.03	39.04 1.70 -15.25	37.02 1.38 -19.60	34.11 1.66 -14.36
PATROON__115KV_TB1 80586	34.63 1.14 0.00	29.97 0.93 0.00	29.48 0.97 0.00	29.33 1.07 0.00	29.76 1.06 0.00	34.18 1.38 0.00	51.21 1.64 -11.55	70.78 1.56 -31.27	56.80 1.57 -17.84	39.98 1.33 -4.43	34.48 1.06 -3.92	31.79 1.04 -3.25	33.44 0.59 -13.83	32.45 0.64 -11.79	32.86 0.65 -12.53	32.98 0.68 -10.91	40.69 0.64 -19.94	49.26 1.10 -16.65	63.18 1.29 -24.98	52.77 1.18 -16.95	42.08 0.97 -12.47	41.75 0.71 -18.96	40.87 0.47 -24.36	36.45 0.51 -17.85
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	34.13 0.64 0.00	29.68 0.64 0.00	29.05 0.54 0.00	28.77 0.51 0.00	29.41 0.72 0.00	33.45 0.66 0.00	40.14 -0.46 -2.57	43.78 -1.14 -6.97	40.54 -0.75 -3.90	34.57 -0.62 -0.97	29.65 -0.71 -0.86	27.85 -0.36 -0.71	21.70 -0.34 -3.02	22.39 -0.20 -2.58	22.18 -0.24 -2.74	23.28 -0.49 -2.38	23.96 -0.50 -4.36	34.11 -1.10 -3.71	40.70 -1.77 -5.56	37.10 -1.32 -3.78	30.49 -0.92 -2.78	25.58 -0.73 -4.22	21.17 -0.30 -5.43	21.74 -0.33 -3.98
PAWLING_115_KV_BK3_REV_LBMP_H 345028	36.14 2.65 0.00	31.16 2.12 0.00	30.62 2.11 0.00	30.38 2.12 0.00	30.93 2.24 0.00	35.52 2.72 0.00	50.72 3.35 -9.35	66.64 3.38 -25.31	55.15 3.33 -14.44	40.89 3.08 -3.59	35.30 2.63 -3.17	32.38 2.25 -2.63	31.71 1.50 -11.19	31.10 1.54 -9.55	31.34 1.52 -10.15	31.84 1.63 -8.83	37.77 1.53 -16.14	47.38 2.39 -13.48	60.08 2.95 -20.22	51.14 2.77 -13.72	40.96 2.23 -10.09	39.17 1.74 -15.34	36.97 1.20 -19.72	33.82 1.28 -14.45
PEEKSKILL____ 23653	35.71 2.21 0.00	30.78 1.74 0.00	30.25 1.74 0.00	30.01 1.75 0.00	30.59 1.89 0.00	35.16 2.36 0.00	49.92 2.77 -9.13	65.51 2.85 -24.71	54.25 2.77 -14.10	40.39 2.67 -3.50	35.02 2.42 -3.09	32.23 2.17 -2.57	31.39 1.44 -10.93	30.83 1.50 -9.32	31.02 1.44 -9.91	31.53 1.52 -8.62	37.27 1.41 -15.76	46.68 2.02 -13.16	59.12 2.47 -19.74	50.40 2.36 -13.40	40.37 1.89 -9.86	38.59 1.52 -14.98	36.37 1.08 -19.25	33.37 1.18 -14.11
PGE MADISON____WINDPWR 24146	36.91 3.42 0.00	32.21 3.17 0.00	31.48 2.97 0.00	31.11 2.85 0.00	31.85 3.16 0.00	36.41 3.61 0.00	46.47 4.71 -3.74	52.65 4.59 -10.11	47.59 4.90 -5.30	39.61 4.07 -1.32	33.56 2.89 -1.16	30.94 2.48 -0.97	24.73 1.60 -4.11	25.22 1.70 -3.51	25.11 1.71 -3.73	26.73 2.10 -3.24	28.17 2.13 -5.93	40.30 3.40 -5.39	49.05 4.06 -8.08	43.90 3.78 -5.48	35.61 2.95 -4.03	30.32 2.10 -6.13	25.31 1.38 -7.88	25.40 1.54 -5.77
PIERCEFIELD____HYD 23852	32.73 -0.77 0.00	28.52 -0.52 0.00	27.97 -0.54 0.00	27.69 -0.57 0.00	27.95 -0.75 0.00	31.55 -1.25 0.00	36.85 -1.44 -0.28	37.41 -1.29 -0.75	36.16 -1.65 -0.42	32.78 -1.54 -0.10	28.30 -1.30 -0.09	26.20 -1.37 -0.08	18.32 -1.03 -0.33	19.17 -1.12 -0.28	18.87 -1.10 -0.30	20.49 -1.15 -0.26	19.53 -1.05 -0.47	30.39 -1.51 -0.40	36.06 -1.44 -0.60	33.45 -1.59 -0.41	27.64 -1.29 -0.30	21.63 -0.91 -0.45	16.05 -0.58 -0.58	18.03 -0.49 -0.43
PINELAWN_CC_I 323563	37.89 3.65 -0.75	35.77 2.90 -3.82	32.93 2.88 -1.54	32.56 2.99 -1.31	35.68 3.13 -3.86	39.19 3.77 -2.62	51.58 4.26 -9.30	67.32 4.21 -25.16	56.05 4.30 -14.36	48.27 4.10 -9.94	42.64 3.69 -9.45	38.95 3.38 -8.08	35.65 2.24 -14.39	34.26 2.36 -11.89	34.65 2.28 -12.69	40.35 2.46 -16.50	43.24 2.35 -20.79	63.43 3.37 -28.55	82.13 4.02 -41.20	66.04 3.81 -27.59	51.48 3.12 -19.73	49.12 2.45 -24.58	44.55 1.75 -26.75	41.41 1.94 -21.38
PJM_GEN_HTP_PROXY 323702	36.04 2.54 0.00	31.04 2.00 0.00	30.48 1.97 0.00	30.27 2.01 0.00	30.85 2.15 0.00	35.52 2.72 0.00	50.39 3.08 -9.29	66.25 3.15 -25.15	54.84 3.10 -14.35	40.90 3.11 -3.56	35.51 2.86 -3.15	32.69 2.58 -2.61	31.85 1.71 -11.13	31.28 1.78 -9.49	31.45 1.69 -10.08	31.96 1.80 -8.78	37.80 1.65 -16.04	47.17 2.27 -13.40	59.73 2.73 -20.09	50.88 2.60 -13.64	40.72 2.06 -10.03	39.04 1.70 -15.25	36.88 1.24 -19.59	33.82 1.37 -14.36
PJM_GEN_KEystone 24065	34.50 1.00 0.00	29.91 0.87 0.00	29.31 0.80 0.00	28.97 0.71 0.00	29.64 0.95 0.00	33.91 1.12 0.00	45.01 1.06 -5.93	54.79 0.80 -16.04	47.40 0.90 -9.11	37.44 0.96 -2.26	32.36 0.86 -2.00	30.03 0.88 -1.66	26.63 0.55 -7.07	26.68 0.64 -6.03	26.67 0.59 -6.40	27.45 0.49 -5.57	30.72 0.42 -10.19	40.46 0.41 -8.54	50.13 0.41 -12.82	43.93 0.59 -8.70	35.54 0.52 -6.40	32.23 0.42 -9.73	28.94 0.40 -12.50	27.70 0.45 -9.16
PJM_GEN_NEPTUNE_PROXY 323594	37.09 2.85 -0.74	35.13 2.27 -3.82	32.30 2.25 -1.54	31.86 2.29 -1.31	34.99 2.44 -3.85	38.43 3.02 -2.62	50.70 3.38 -9.30	66.48 3.38 -25.16	55.18 3.44 -14.36	47.38 3.39 -9.78	41.99 3.04 -9.45	38.32 2.75 -8.07	35.23 1.83 -14.39	33.82 1.92 -11.88	34.20 1.83 -12.69	39.85 1.97 -16.50	42.72 1.83 -20.78	62.66 2.61 -28.54	80.76 3.17 -40.68	65.21 2.98 -27.58	50.77 2.41 -19.73	48.59 1.92 -24.58	44.18 1.38 -26.75	40.99 1.52 -21.38
PJM_GEN_VFT_PROXY 323633	35.91 2.41 0.00	30.93 1.89 0.00	30.37 1.85 0.00	30.12 1.86 0.00	30.73 2.04 0.00	35.39 2.59 0.00	50.20 2.89 -9.29	66.07 2.96 -25.16	54.66 2.92 -14.35	40.80 3.01 -3.57	35.46 2.80 -3.15	32.64 2.53 -2.61	31.82 1.67 -11.13	31.24 1.74 -9.49	31.39 1.63 -10.08	31.90 1.73 -8.78	37.74 1.59 -16.04	46.98 2.08 -13.40	59.55 2.54 -20.10	50.70 2.42 -13.64	40.61 1.95 -10.03	38.95 1.61 -15.25	36.83 1.19 -19.60	33.77 1.32 -14.36

PLATSBRG_115KV_PMLD1 355749	33.70 0.20 0.00	29.27 0.23 0.00	28.68 0.17 0.00	28.29 0.03 0.00	28.78 0.09 0.00	32.73 -0.07 0.00	37.19 -0.84 0.00	37.27 -0.68 0.00	36.64 -0.75 0.00	33.67 -0.55 0.00	29.09 -0.41 0.00	26.72 -0.77 0.00	18.26 -0.76 0.00	19.09 -0.92 0.00	18.81 -0.87 0.00	20.53 -0.86 0.00	19.44 -0.66 0.00	30.59 -0.91 0.00	36.57 -0.33 0.00	34.02 -0.62 0.00	28.11 -0.52 0.00	21.62 -0.46 0.00	15.66 -0.39 0.00	17.71 -0.38 0.00
PLEASANTVLY___LBMP 24000	35.61 2.11 0.00	30.72 1.68 0.00	30.20 1.68 0.00	29.93 1.67 0.00	30.53 1.84 0.00	35.09 2.30 0.00	50.32 2.62 -9.67	66.75 2.62 -26.18	54.90 2.58 -14.93	40.43 2.50 -3.71	35.02 2.24 -3.28	32.25 2.03 -2.72	31.91 1.31 -11.58	31.27 1.38 -9.87	31.51 1.34 -10.49	31.95 1.43 -9.13	38.13 1.33 -16.69	47.37 1.92 -13.94	60.14 2.33 -20.91	51.02 2.18 -14.19	40.85 1.78 -10.44	39.37 1.41 -15.87	37.45 1.01 -20.39	34.14 1.10 -14.94
PLSNTVLE_13_KV_13.8KVDIST 80602	35.87 2.38 0.00	30.93 1.89 0.00	30.39 1.88 0.00	30.13 1.87 0.00	30.73 2.04 0.00	35.39 2.59 0.00	50.33 2.97 -9.34	66.27 3.04 -25.29	54.81 2.99 -14.43	40.71 2.91 -3.58	35.29 2.63 -3.17	32.46 2.34 -2.63	31.74 1.54 -11.18	31.17 1.62 -9.54	31.37 1.55 -10.14	31.86 1.65 -8.82	37.76 1.53 -16.13	47.18 2.21 -13.47	59.76 2.66 -20.20	50.88 2.53 -13.71	40.75 2.03 -10.09	39.05 1.63 -15.33	36.90 1.16 -19.70	33.79 1.27 -14.44
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	35.87 2.38 0.00	30.93 1.89 0.00	30.39 1.88 0.00	30.13 1.87 0.00	30.73 2.04 0.00	35.39 2.59 0.00	50.33 2.97 -9.34	66.27 3.04 -25.29	54.81 2.99 -14.43	40.71 2.91 -3.58	35.29 2.63 -3.17	32.46 2.34 -2.63	31.74 1.54 -11.18	31.17 1.62 -9.54	31.37 1.55 -10.14	31.86 1.65 -8.82	37.76 1.53 -16.13	47.18 2.21 -13.47	59.76 2.66 -20.20	50.88 2.53 -13.71	40.75 2.03 -10.09	39.05 1.63 -15.33	36.90 1.16 -19.70	33.79 1.27 -14.44
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	35.84 2.34 0.00	30.93 1.89 0.00	30.39 1.88 0.00	30.13 1.87 0.00	30.70 2.01 0.00	35.26 2.46 0.00	50.36 2.85 -9.48	66.51 2.88 -25.67	54.84 2.80 -14.65	40.49 2.63 -3.64	34.99 2.27 -3.22	32.20 2.03 -2.67	31.70 1.33 -11.35	31.10 1.40 -9.68	31.33 1.36 -10.29	31.80 1.45 -8.96	37.85 1.37 -16.37	47.26 2.08 -13.67	59.96 2.55 -20.51	50.95 2.39 -13.92	40.82 1.95 -10.24	39.17 1.52 -15.56	37.10 1.06 -20.00	33.90 1.16 -14.66
POLETTI____ 23519	35.97 2.48 0.00	30.99 1.95 0.00	30.42 1.91 0.00	30.15 1.89 0.00	30.76 2.07 0.00	35.46 2.66 0.00	45.38 2.93 -4.43	61.25 3.04 -20.26	50.63 2.99 -10.25	38.93 3.01 -1.70	35.44 2.80 -3.13	32.62 2.53 -2.60	31.80 1.67 -11.11	31.23 1.74 -9.47	31.40 1.65 -10.07	31.90 1.75 -8.76	37.74 1.61 -16.03	45.42 2.17 -11.74	59.60 2.62 -20.08	50.76 2.49 -13.62	40.65 2.00 -10.02	38.97 1.63 -15.25	36.83 1.19 -19.60	33.79 1.34 -14.36
POMONA___ESR 323819	35.40 1.91 0.00	30.58 1.54 0.00	30.05 1.54 0.00	29.76 1.50 0.00	30.33 1.63 0.00	34.87 2.07 0.00	48.95 2.44 -8.49	63.48 2.54 -22.99	52.94 2.43 -13.12	39.81 2.33 -3.26	34.53 2.15 -2.88	31.84 1.95 -2.39	30.50 1.31 -10.17	30.07 1.38 -8.67	30.21 1.32 -9.22	30.76 1.35 -8.02	35.98 1.21 -14.66	45.48 1.73 -12.24	57.49 2.21 -18.37	49.26 2.15 -12.46	39.52 1.72 -9.17	37.37 1.35 -13.94	34.90 0.95 -17.91	32.28 1.07 -13.12
PORT_JEFF_3 23555	39.24 4.99 -0.75	36.90 4.04 -3.82	34.30 4.25 -1.54	34.06 4.49 -1.31	37.08 4.53 -3.86	40.31 4.89 -2.62	53.15 5.82 -9.30	68.66 5.54 -25.17	57.43 5.68 -14.37	50.84 4.86 -11.76	44.30 5.34 -9.46	40.55 4.98 -8.08	36.69 3.29 -14.39	35.34 3.44 -11.89	35.82 3.44 -12.70	41.60 3.70 -16.51	44.32 3.42 -20.79	64.62 4.57 -28.55	88.30 4.46 -46.93	67.26 5.02 -27.59	52.52 4.15 -19.74	49.96 3.29 -24.59	45.34 2.53 -26.76	42.39 2.91 -21.39
PORT_JEFF_4 23616	39.24 4.99 -0.75	36.90 4.04 -3.82	34.30 4.25 -1.54	34.06 4.49 -1.31	37.08 4.53 -3.86	40.31 4.89 -2.62	53.15 5.82 -9.30	68.66 5.54 -25.17	57.43 5.68 -14.37	50.84 4.86 -11.76	44.30 5.34 -9.46	40.55 4.98 -8.08	36.69 3.29 -14.39	35.34 3.44 -11.89	35.82 3.44 -12.70	41.60 3.70 -16.51	44.32 3.42 -20.79	64.62 4.57 -28.55	88.30 4.46 -46.93	67.26 5.02 -27.59	52.52 4.15 -19.74	49.96 3.29 -24.59	45.34 2.53 -26.76	42.39 2.91 -21.39
PORT_JEFF_IC 23713	39.27 5.02 -0.75	36.90 4.04 -3.82	34.30 4.25 -1.54	34.07 4.49 -1.31	37.08 4.53 -3.86	40.34 4.92 -2.62	53.18 5.85 -9.30	68.73 5.62 -25.17	57.51 5.76 -14.36	51.05 4.89 -11.94	44.30 5.34 -9.46	40.55 4.98 -8.08	36.69 3.29 -14.39	35.34 3.44 -11.89	35.82 3.44 -12.70	41.60 3.70 -16.51	44.32 3.42 -20.79	64.69 4.63 -28.55	88.98 4.58 -47.50	67.36 5.13 -27.59	52.58 4.21 -19.74	50.01 3.34 -24.59	45.34 2.53 -26.76	42.39 2.91 -21.39
PPL PILGRIM_ST_GT1 24216	38.23 3.98 -0.75	36.06 3.19 -3.82	33.30 3.25 -1.54	32.93 3.36 -1.31	36.02 3.47 -3.86	39.52 4.10 -2.62	51.97 4.64 -9.31	67.63 4.51 -25.17	56.43 4.67 -14.37	48.59 4.35 -10.03	43.12 4.16 -9.46	39.40 3.82 -8.09	35.93 2.53 -14.39	34.56 2.66 -11.89	34.96 2.58 -12.70	40.70 2.80 -16.51	43.53 2.63 -20.80	63.78 3.72 -28.56	82.59 4.21 -41.47	66.39 4.16 -27.59	51.78 3.41 -19.74	49.33 2.65 -24.59	44.73 1.92 -26.76	41.67 2.19 -21.39
PPL PILGRIM_ST_GT2 24217	38.23 3.98 -0.75	36.06 3.19 -3.82	33.30 3.25 -1.54	32.93 3.36 -1.31	36.02 3.47 -3.86	39.52 4.10 -2.62	51.97 4.64 -9.31	67.63 4.51 -25.17	56.43 4.67 -14.37	48.59 4.35 -10.03	43.12 4.16 -9.46	39.40 3.82 -8.09	35.93 2.53 -14.39	34.56 2.66 -11.89	34.96 2.58 -12.70	40.70 2.80 -16.51	43.53 2.63 -20.80	63.78 3.72 -28.56	82.59 4.21 -41.47	66.39 4.16 -27.59	51.78 3.41 -19.74	49.33 2.65 -24.59	44.73 1.92 -26.76	41.67 2.19 -21.39
PPL_SHRM_GT3 24213	39.24 4.99 -0.75	37.02 4.15 -3.82	34.53 4.48 -1.54	34.15 4.58 -1.31	37.17 4.62 -3.86	40.21 4.79 -2.62	53.18 5.85 -9.30	68.96 5.84 -25.17	57.70 5.95 -14.37	50.99 5.00 -11.77	44.60 5.64 -9.46	40.80 5.23 -8.08	36.87 3.46 -14.39	35.52 3.62 -11.89	36.02 3.64 -12.70	41.81 3.91 -16.51	44.38 3.48 -20.79	64.88 4.82 -28.55	88.67 4.80 -46.97	67.57 5.33 -27.59	52.75 4.38 -19.74	50.12 3.44 -24.59	45.37 2.57 -26.76	42.53 3.06 -21.39
PPL_SHRM_GT4 24214	39.24 4.99 -0.75	37.02 4.15 -3.82	34.53 4.48 -1.54	34.15 4.58 -1.31	37.17 4.62 -3.86	40.21 4.79 -2.62	53.18 5.85 -9.30	68.96 5.84 -25.17	57.70 5.95 -14.37	50.99 5.00 -11.77	44.60 5.64 -9.46	40.80 5.23 -8.08	36.87 3.46 -14.39	35.52 3.62 -11.89	36.02 3.64 -12.70	41.81 3.91 -16.51	44.38 3.48 -20.79	64.88 4.82 -28.55	88.67 4.80 -46.97	67.57 5.33 -27.59	52.75 4.38 -19.74	50.12 3.44 -24.59	45.37 2.57 -26.76	42.53 3.06 -21.39
PROJECT___ORANGE I 24174	33.63 0.13 0.00	29.19 0.15 0.00	28.63 0.11 0.00	28.37 0.11 0.00	28.78 0.09 0.00	32.80 0.00 0.00	39.99 0.08 -1.89	43.11 0.04 -5.12	40.34 0.07 -2.88	34.97 0.03 -0.72	30.19 0.06 -0.63	28.16 0.14 -0.52	21.42 0.17 -2.23	22.14 0.22 -1.90	21.92 0.22 -2.02	23.41 0.26 -1.76	23.51 0.18 -3.22	34.52 0.28 -2.73	41.18 0.18 -4.09	37.70 0.28 -2.78	30.87 0.20 -2.04	25.34 0.15 -3.10	20.18 0.14 -3.99	21.18 0.16 -2.92

PROJECT___ORANGE 2 24166	33.63 0.13 0.00	29.19 0.15 0.00	28.63 0.11 0.00	28.37 0.11 0.00	28.78 0.09 0.00	32.80 0.00 0.00	39.99 0.08 -1.89	43.11 0.04 -5.12	40.34 0.07 -2.88	34.97 0.03 -0.72	30.19 0.06 -0.63	28.16 0.14 -0.52	21.42 0.17 -2.23	22.14 0.22 -1.90	21.92 0.22 -2.02	23.41 0.26 -1.76	23.51 0.18 -3.22	34.52 0.28 -2.73	41.18 0.18 -4.09	37.70 0.28 -2.78	30.87 0.20 -2.04	25.34 0.15 -3.10	20.18 0.14 -3.99	21.18 0.16 -2.92
PUCKETT___SOLAR 323809	35.07 1.57 0.00	30.46 1.42 0.00	29.85 1.34 0.00	29.53 1.27 0.00	30.16 1.46 0.00	34.50 1.70 0.00	44.04 2.05 -3.96	50.61 1.93 -10.73	45.40 2.21 -5.81	37.44 1.78 -1.44	32.04 1.27 -1.28	29.68 1.13 -1.06	24.26 0.74 -4.50	24.67 0.82 -3.84	24.58 0.83 -4.08	25.90 0.96 -3.55	27.54 0.95 -6.49	38.57 1.35 -5.71	47.03 1.55 -8.57	42.02 1.56 -5.82	34.20 1.29 -4.28	29.52 0.93 -6.50	25.08 0.67 -8.36	24.96 0.74 -6.13
PYRITES___HYD 24023	33.16 -0.33 0.00	28.98 -0.06 0.00	28.43 -0.09 0.00	28.18 -0.08 0.00	28.46 -0.23 0.00	32.21 -0.59 0.00	37.63 -0.65 -0.26	38.15 -0.49 -0.70	36.96 -0.82 -0.39	33.49 -0.82 -0.10	28.91 -0.68 -0.09	26.74 -0.82 -0.07	18.65 -0.67 -0.30	19.53 -0.74 -0.26	19.24 -0.71 -0.27	20.90 -0.73 -0.24	19.88 -0.66 -0.44	31.02 -0.85 -0.37	36.80 -0.66 -0.56	34.15 -0.87 -0.38	28.25 -0.66 -0.28	22.02 -0.49 -0.42	16.25 -0.34 -0.54	18.25 -0.24 -0.40
QUAKERRD_115KV_BK1 80622	32.73 -0.77 0.00	28.40 -0.64 0.00	27.86 -0.66 0.00	27.55 -0.71 0.00	28.06 -0.63 0.00	32.01 -0.79 0.00	39.54 -0.65 -2.17	42.87 -0.95 -5.87	39.97 -0.71 -3.29	34.46 -0.58 -0.82	29.52 -0.71 -0.72	27.57 -0.52 -0.60	21.25 -0.32 -2.55	21.91 -0.28 -2.18	21.73 -0.26 -2.31	23.06 -0.34 -2.01	23.39 -0.40 -3.68	34.00 -0.63 -3.12	40.49 -1.11 -4.69	36.99 -0.83 -3.18	30.31 -0.66 -2.34	25.11 -0.53 -3.56	20.33 -0.29 -4.57	21.13 -0.31 -3.35
QUENSBRY_115KV_TB8 356137	35.51 2.01 0.00	30.61 1.57 0.00	30.31 1.80 0.00	30.18 1.92 0.00	30.67 1.98 0.00	35.39 2.59 0.00	53.18 3.31 -11.85	73.37 3.34 -32.08	59.06 3.36 -18.31	41.33 2.57 -4.55	35.41 1.89 -4.02	32.42 1.59 -3.33	34.20 0.99 -14.19	33.20 1.08 -12.10	33.46 0.92 -12.86	33.63 1.05 -11.19	41.59 1.03 -20.46	50.39 1.80 -17.09	64.79 2.25 -25.63	54.12 2.08 -17.39	43.09 1.66 -12.80	42.68 1.15 -19.45	41.73 0.69 -24.99	37.04 0.63 -18.31
RAMAPO___LBMP 323565	35.41 1.91 0.00	30.58 1.54 0.00	30.02 1.51 0.00	29.73 1.47 0.00	30.33 1.64 0.00	34.83 2.03 0.00	48.93 2.40 -8.51	63.53 2.54 -23.04	52.93 2.39 -13.15	39.78 2.29 -3.27	34.51 2.12 -2.89	31.84 1.95 -2.39	30.48 1.27 -10.19	30.07 1.36 -8.69	30.19 1.28 -9.24	30.75 1.33 -8.04	35.99 1.19 -14.70	45.48 1.70 -12.27	57.49 2.18 -18.41	49.25 2.11 -12.49	39.51 1.69 -9.19	37.40 1.35 -13.97	34.94 0.95 -17.95	32.31 1.07 -13.15
RANKINE____ 23646	34.03 0.54 0.00	29.59 0.55 0.00	28.97 0.46 0.00	28.68 0.42 0.00	29.33 0.63 0.00	33.32 0.52 0.00	40.53 -0.04 -2.54	43.93 -0.91 -6.89	40.80 -0.45 -3.86	34.87 -0.31 -0.96	29.88 -0.47 -0.85	28.09 -0.11 -0.70	21.86 -0.15 -2.99	22.56 0.00 -2.55	22.37 -0.02 -2.71	23.49 -0.26 -2.36	24.14 -0.28 -4.32	34.42 -0.76 -3.67	40.93 -1.48 -5.50	37.37 -1.00 -3.74	30.72 -0.66 -2.75	25.75 -0.51 -4.18	21.30 -0.11 -5.37	21.90 -0.13 -3.93
RAVENSWOOD_GT2_1 24244	36.08 2.58 0.00	31.07 2.03 0.00	30.51 2.00 0.00	30.24 1.98 0.00	30.85 2.15 0.00	35.55 2.76 0.00	50.36 3.04 -9.29	66.22 3.11 -25.16	54.81 3.07 -14.35	40.86 3.08 -3.57	35.51 2.86 -3.15	32.69 2.58 -2.61	31.83 1.69 -11.13	31.28 1.78 -9.49	31.45 1.69 -10.08	31.96 1.80 -8.78	37.80 1.65 -16.04	47.14 2.24 -13.40	59.70 2.69 -20.10	50.88 2.60 -13.64	40.72 2.06 -10.03	39.04 1.70 -15.25	36.88 1.24 -19.60	33.82 1.37 -14.36
RAVENSWOOD_GT2_2 24245	36.08 2.58 0.00	31.07 2.03 0.00	30.51 2.00 0.00	30.24 1.98 0.00	30.85 2.15 0.00	35.55 2.76 0.00	50.36 3.04 -9.29	66.22 3.11 -25.16	54.81 3.07 -14.35	40.86 3.08 -3.57	35.51 2.86 -3.15	32.69 2.58 -2.61	31.83 1.69 -11.13	31.28 1.78 -9.49	31.45 1.69 -10.08	31.96 1.80 -8.78	37.80 1.65 -16.04	47.14 2.24 -13.40	59.70 2.69 -20.10	50.88 2.60 -13.64	40.72 2.06 -10.03	39.04 1.70 -15.25	36.88 1.24 -19.60	33.82 1.37 -14.36
RAVENSWOOD_GT2_3 24246	36.08 2.58 0.00	31.07 2.03 0.00	30.51 2.00 0.00	30.24 1.98 0.00	30.85 2.15 0.00	35.55 2.76 0.00	50.36 3.04 -9.29	66.22 3.11 -25.16	54.81 3.07 -14.35	40.86 3.08 -3.57	35.51 2.86 -3.15	32.69 2.58 -2.61	31.85 1.71 -11.13	31.28 1.78 -9.49	31.45 1.69 -10.08	31.96 1.80 -8.78	37.80 1.65 -16.04	47.14 2.24 -13.40	59.73 2.73 -20.10	50.88 2.60 -13.64	40.72 2.06 -10.03	39.04 1.70 -15.25	36.88 1.24 -19.60	33.82 1.37 -14.36
RAVENSWOOD_GT2_4 24247	36.08 2.58 0.00	31.07 2.03 0.00	30.51 2.00 0.00	30.24 1.98 0.00	30.85 2.15 0.00	35.55 2.76 0.00	50.36 3.04 -9.29	66.22 3.11 -25.16	54.81 3.07 -14.35	40.86 3.08 -3.57	35.51 2.86 -3.15	32.69 2.58 -2.61	31.85 1.71 -11.13	31.28 1.78 -9.49	31.45 1.69 -10.08	31.96 1.80 -8.78	37.80 1.65 -16.04	47.14 2.24 -13.40	59.73 2.73 -20.10	50.88 2.60 -13.64	40.72 2.06 -10.03	39.04 1.70 -15.25	36.88 1.24 -19.60	33.82 1.37 -14.36
RAVENSWOOD_GT3_1 24248	36.04 2.55 0.00	31.07 2.03 0.00	30.51 2.00 0.00	30.24 1.98 0.00	30.85 2.15 0.00	35.55 2.76 0.00	50.36 3.04 -9.29	66.22 3.11 -25.16	54.81 3.07 -14.35	40.86 3.08 -3.57	35.51 2.86 -3.15	32.69 2.58 -2.61	31.85 1.71 -11.13	31.28 1.78 -9.49	31.45 1.69 -10.08	31.96 1.80 -8.78	37.80 1.65 -16.04	47.14 2.24 -13.40	59.70 2.69 -20.10	50.88 2.60 -13.64	40.72 2.06 -10.03	39.04 1.70 -15.25	36.88 1.24 -19.60	33.82 1.37 -14.36
RAVENSWOOD_GT3_2 24249	36.04 2.55 0.00	31.07 2.03 0.00	30.51 2.00 0.00	30.24 1.98 0.00	30.85 2.15 0.00	35.55 2.76 0.00	50.36 3.04 -9.29	66.22 3.11 -25.16	54.81 3.07 -14.35	40.86 3.08 -3.57	35.51 2.86 -3.15	32.69 2.58 -2.61	31.85 1.71 -11.13	31.28 1.78 -9.49	31.45 1.69 -10.08	31.96 1.80 -8.78	37.80 1.65 -16.04	47.14 2.24 -13.40	59.70 2.69 -20.10	50.88 2.60 -13.64	40.72 2.06 -10.03	39.04 1.70 -15.25	36.88 1.24 -19.60	33.82 1.37 -14.36
RAVENSWOOD_GT3_3 24250	36.11 2.61 0.00	31.10 2.06 0.00	30.54 2.02 0.00	30.27 2.01 0.00	30.88 2.18 0.00	35.59 2.79 0.00	50.39 3.08 -9.29	66.29 3.19 -25.16	54.88 3.14 -14.35	40.93 3.15 -3.57	35.54 2.89 -3.15	32.75 2.64 -2.61	31.87 1.73 -11.13	31.30 1.80 -9.49	31.47 1.71 -10.08	32.00 1.84 -8.78	37.84 1.69 -16.04	47.20 2.30 -13.40	59.77 2.77 -20.10	50.95 2.67 -13.64	40.78 2.12 -10.03	39.08 1.74 -15.25	36.91 1.27 -19.60	33.84 1.39 -14.36
RAVENSWOOD_GT3_4 24251	36.11 2.61 0.00	31.10 2.06 0.00	30.54 2.02 0.00	30.27 2.01 0.00	30.88 2.18 0.00	35.59 2.79 0.00	50.39 3.08 -9.29	66.29 3.19 -25.16	54.88 3.14 -14.35	40.93 3.15 -3.57	35.54 2.89 -3.15	32.75 2.64 -2.61	31.87 1.73 -11.13	31.30 1.80 -9.49	31.47 1.71 -10.08	32.00 1.84 -8.78	37.84 1.69 -16.04	47.20 2.30 -13.40	59.77 2.77 -20.10	50.95 2.67 -13.64	40.78 2.12 -10.03	39.08 1.74 -15.25	36.91 1.27 -19.60	33.84 1.39 -14.36



RAVENSWOOD_GT_1 23729	36.21 2.71 0.00	31.19 2.15 0.00	30.62 2.11 0.00	30.38 2.12 0.00	30.99 2.30 0.00	35.72 2.92 0.00	50.32 3.00 -9.29	66.14 3.04 -25.16	54.66 2.92 -14.35	40.86 3.08 -3.57	35.60 2.95 -3.15	32.77 2.67 -2.61	31.89 1.75 -11.13	31.34 1.84 -9.49	31.49 1.73 -10.08	32.02 1.86 -8.78	37.86 1.71 -16.04	47.11 2.21 -13.40	59.62 2.62 -20.10	50.81 2.53 -13.64	40.67 2.00 -10.03	39.04 1.70 -15.25	36.96 1.32 -19.60	33.92 1.47 -14.36
RAVENSWOOD_GT_10 24258	36.08 2.58 0.00	31.07 2.03 0.00	30.51 2.00 0.00	30.24 1.98 0.00	30.85 2.15 0.00	35.55 2.76 0.00	50.36 3.04 -9.29	66.22 3.11 -25.16	54.81 3.07 -14.35	40.86 3.08 -3.57	35.51 2.86 -3.15	32.69 2.58 -2.61	31.85 1.71 -11.13	31.28 1.78 -9.49	31.45 1.69 -10.08	31.96 1.80 -8.78	37.80 1.65 -16.04	47.14 2.24 -13.40	59.70 2.69 -20.10	50.88 2.60 -13.64	40.72 2.06 -10.03	39.04 1.70 -15.25	36.88 1.24 -19.60	33.82 1.37 -14.36
RAVENSWOOD_GT_11 24259	36.08 2.58 0.00	31.07 2.03 0.00	30.51 2.00 0.00	30.24 1.98 0.00	30.85 2.15 0.00	35.55 2.76 0.00	50.36 3.04 -9.29	66.22 3.11 -25.16	54.81 3.07 -14.35	40.86 3.08 -3.57	35.51 2.86 -3.15	32.69 2.58 -2.61	31.85 1.71 -11.13	31.28 1.78 -9.49	31.45 1.69 -10.08	31.96 1.80 -8.78	37.80 1.65 -16.04	47.14 2.24 -13.40	59.70 2.69 -20.10	50.88 2.60 -13.64	40.72 2.06 -10.03	39.04 1.70 -15.25	36.88 1.24 -19.60	33.82 1.37 -14.36
RAVENSWOOD_GT_4 24252	36.04 2.55 0.00	31.04 2.00 0.00	30.48 1.97 0.00	30.21 1.95 0.00	30.85 2.15 0.00	35.52 2.72 0.00	50.36 3.04 -9.29	66.22 3.11 -25.16	54.84 3.10 -14.35	40.86 3.08 -3.57	35.48 2.83 -3.15	32.66 2.56 -2.61	31.83 1.69 -11.13	31.26 1.76 -9.49	31.43 1.67 -10.08	31.96 1.80 -8.78	37.80 1.65 -16.04	47.17 2.27 -13.40	59.73 2.73 -20.10	50.88 2.60 -13.64	40.75 2.09 -10.03	39.04 1.70 -15.25	36.88 1.24 -19.60	33.81 1.36 -14.36
RAVENSWOOD_GT_5 24254	36.04 2.55 0.00	31.04 2.00 0.00	30.48 1.97 0.00	30.21 1.95 0.00	30.85 2.15 0.00	35.52 2.72 0.00	50.36 3.04 -9.29	66.22 3.11 -25.16	54.84 3.10 -14.35	40.86 3.08 -3.57	35.48 2.83 -3.15	32.66 2.56 -2.61	31.83 1.69 -11.13	31.26 1.76 -9.49	31.43 1.67 -10.08	31.96 1.80 -8.78	37.80 1.65 -16.04	47.17 2.27 -13.40	59.73 2.73 -20.10	50.88 2.60 -13.64	40.75 2.09 -10.03	39.04 1.70 -15.25	36.88 1.24 -19.60	33.81 1.36 -14.36
RAVENSWOOD_GT_6 24253	36.04 2.55 0.00	31.04 2.00 0.00	30.48 1.97 0.00	30.21 1.95 0.00	30.85 2.15 0.00	35.52 2.72 0.00	50.36 3.04 -9.29	66.22 3.11 -25.16	54.84 3.10 -14.35	40.86 3.08 -3.57	35.48 2.83 -3.15	32.66 2.56 -2.61	31.83 1.69 -11.13	31.26 1.76 -9.49	31.43 1.67 -10.08	31.96 1.80 -8.78	37.80 1.65 -16.04	47.17 2.27 -13.40	59.73 2.73 -20.10	50.88 2.60 -13.64	40.75 2.09 -10.03	39.04 1.70 -15.25	36.88 1.24 -19.60	33.81 1.36 -14.36
RAVENSWOOD_GT_7 24255	36.04 2.55 0.00	31.04 2.00 0.00	30.48 1.97 0.00	30.21 1.95 0.00	30.85 2.15 0.00	35.52 2.72 0.00	50.36 3.04 -9.29	66.22 3.11 -25.16	54.84 3.10 -14.35	40.86 3.08 -3.57	35.48 2.83 -3.15	32.66 2.56 -2.61	31.83 1.69 -11.13	31.26 1.76 -9.49	31.43 1.67 -10.08	31.96 1.80 -8.78	37.80 1.65 -16.04	47.17 2.27 -13.40	59.73 2.73 -20.10	50.88 2.60 -13.64	40.75 2.09 -10.03	39.04 1.70 -15.25	36.88 1.24 -19.60	33.81 1.36 -14.36
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	36.08 2.58 0.00	31.07 2.03 0.00	30.51 2.00 0.00	30.24 1.98 0.00	30.85 2.15 0.00	35.55 2.76 0.00	50.36 3.04 -9.29	66.22 3.11 -25.16	54.81 3.07 -14.35	40.86 3.08 -3.57	35.51 2.86 -3.15	32.69 2.58 -2.61	31.85 1.71 -11.13	31.28 1.78 -9.49	31.45 1.69 -10.08	31.96 1.80 -8.78	37.80 1.65 -16.04	47.14 2.24 -13.40	59.70 2.69 -20.10	50.88 2.60 -13.64	40.72 2.06 -10.03	39.04 1.70 -15.25	36.88 1.24 -19.60	33.82 1.37 -14.36
RAVENSWOOD_GT_9 24257	36.08 2.58 0.00	31.07 2.03 0.00	30.51 2.00 0.00	30.24 1.98 0.00	30.85 2.15 0.00	35.55 2.76 0.00	50.36 3.04 -9.29	66.22 3.11 -25.16	54.81 3.07 -14.35	40.86 3.08 -3.57	35.51 2.86 -3.15	32.69 2.58 -2.61	31.85 1.71 -11.13	31.28 1.78 -9.49	31.45 1.69 -10.08	31.96 1.80 -8.78	37.80 1.65 -16.04	47.14 2.24 -13.40	59.70 2.69 -20.10	50.88 2.60 -13.64	40.72 2.06 -10.03	39.04 1.70 -15.25	36.88 1.24 -19.60	33.82 1.37 -14.36
RAVENSWOOD___1 23533	36.22 2.71 -0.01	31.20 2.15 -0.01	30.63 2.11 -0.01	30.41 2.15 -0.01	31.00 2.30 -0.01	35.69 2.89 -0.01	50.36 3.04 -9.29	66.18 3.07 -25.16	54.69 2.95 -14.35	40.90 3.11 -3.57	35.60 2.95 -3.15	32.77 2.67 -2.61	31.91 1.77 -11.13	31.34 1.84 -9.49	31.49 1.73 -10.08	32.02 1.86 -8.78	37.86 1.71 -16.04	47.11 2.20 -13.40	59.62 2.62 -20.10	50.81 2.53 -13.64	40.67 2.00 -10.03	39.04 1.70 -15.25	36.94 1.30 -19.60	33.92 1.46 -14.37
RAVENSWOOD___2 23534	36.22 2.71 -0.01	31.20 2.15 -0.01	30.63 2.11 -0.01	30.41 2.15 -0.01	31.00 2.30 -0.01	35.69 2.89 -0.01	50.36 3.04 -9.29	66.18 3.07 -25.16	54.69 2.95 -14.35	40.90 3.11 -3.57	35.60 2.95 -3.15	32.77 2.67 -2.61	31.91 1.77 -11.13	31.34 1.84 -9.49	31.49 1.73 -10.08	32.02 1.86 -8.78	37.86 1.71 -16.04	47.11 2.20 -13.40	59.62 2.62 -20.10	50.81 2.53 -13.64	40.67 2.00 -10.03	39.04 1.70 -15.25	36.94 1.30 -19.60	33.92 1.46 -14.37
RAVENSWOOD___3 23535	36.04 2.54 0.00	31.04 2.00 0.00	30.48 1.97 0.00	30.27 2.01 0.00	30.85 2.15 0.00	35.52 2.72 0.00	50.39 3.08 -9.29	66.22 3.11 -25.16	54.84 3.10 -14.35	40.86 3.08 -3.57	35.48 2.83 -3.15	32.66 2.56 -2.61	31.83 1.69 -11.13	31.26 1.76 -9.49	31.43 1.67 -10.08	31.96 1.80 -8.78	37.80 1.65 -16.04	47.14 2.24 -13.40	59.73 2.73 -20.10	50.88 2.60 -13.64	40.73 2.06 -10.03	39.04 1.70 -15.25	36.88 1.24 -19.60	33.82 1.37 -14.36
RAVENSWOOD___4 23820	36.22 2.71 -0.01	31.20 2.15 -0.01	30.63 2.11 -0.01	30.41 2.15 -0.01	31.00 2.30 -0.01	35.69 2.89 -0.01	50.36 3.04 -9.29	66.18 3.07 -25.16	54.69 2.95 -14.35	40.90 3.11 -3.57	35.60 2.95 -3.15	32.77 2.67 -2.61	31.91 1.77 -11.13	31.34 1.84 -9.49	31.49 1.73 -10.08	32.02 1.86 -8.78	37.86 1.71 -16.04	47.11 2.20 -13.40	59.62 2.62 -20.10	50.81 2.53 -13.64	40.67 2.00 -10.03	39.04 1.70 -15.25	36.94 1.30 -19.60	33.92 1.46 -14.37
RCPI_TRUST___DRP 24196	36.08 2.58 0.00	31.07 2.03 0.00	30.51 2.00 0.00	30.24 1.98 0.00	30.88 2.18 0.00	35.55 2.76 0.00	50.43 3.12 -9.29	66.29 3.19 -25.15	54.88 3.14 -14.35	40.93 3.15 -3.56	35.54 2.89 -3.15	32.72 2.61 -2.61	31.87 1.73 -11.13	31.30 1.80 -9.49	31.47 1.71 -10.08	31.98 1.82 -8.78	37.82 1.67 -16.04	47.20 2.30 -13.40	59.77 2.77 -20.09	50.95 2.67 -13.64	40.75 2.09 -10.03	39.06 1.72 -15.25	36.89 1.25 -19.59	33.84 1.39 -14.36
RED___ROCHESTER 323720	33.76 0.27 0.00	29.30 0.26 0.00	28.66 0.14 0.00	28.29 0.03 0.00	28.95 0.26 0.00	33.03 0.23 0.00	40.71 0.49 -2.19	43.89 0.00 -5.94	41.10 0.37 -3.34	35.53 0.48 -0.83	30.32 0.09 -0.73	28.35 0.25 -0.61	21.79 0.19 -2.59	22.50 0.28 -2.21	22.33 0.31 -2.34	23.66 0.24 -2.04	23.99 0.16 -3.73	34.89 0.22 -3.16	41.47 -0.18 -4.75	37.97 0.10 -3.22	31.11 0.11 -2.37	25.78 0.09 -3.60	20.87 0.19 -4.63	21.68 0.20 -3.39

REGAN___SOLAR 323812	36.34 2.85 0.00	31.80 2.76 0.00	31.25 2.74 0.00	30.80 2.54 0.00	31.36 2.67 0.00	36.21 3.41 0.00	56.33 4.52 -13.78	79.82 4.55 -37.32	62.98 4.22 -21.37	42.85 3.32 -5.31	36.94 2.74 -4.69	33.70 2.31 -3.89	37.09 1.50 -16.57	35.82 1.68 -14.13	36.33 1.63 -15.02	36.34 1.88 -13.07	45.64 1.65 -23.89	54.47 3.09 -19.87	70.41 3.69 -29.81	58.34 3.46 -20.23	46.35 2.83 -14.88	46.76 2.05 -22.62	46.40 1.28 -29.07	40.88 1.48 -21.30
RENSSELAER___COGEN 23796	34.37 0.87 0.00	29.74 0.70 0.00	29.28 0.77 0.00	29.19 0.93 0.00	29.53 0.83 0.00	33.88 1.08 0.00	50.73 1.29 -11.41	70.06 1.21 -30.89	56.21 1.20 -17.62	39.62 1.03 -4.38	34.23 0.86 -3.87	31.56 0.85 -3.21	33.12 0.44 -13.66	32.14 0.48 -11.65	32.55 0.49 -12.38	32.72 0.56 -10.78	40.33 0.52 -19.70	48.84 0.88 -16.45	62.62 1.03 -24.68	52.33 0.94 -16.75	41.75 0.80 -12.32	41.39 0.57 -18.73	40.48 0.37 -24.06	36.16 0.43 -17.63
REPUBLIC_115KV_BARTNBRK 55605	36.78 3.28 0.00	31.83 2.79 0.00	31.48 2.97 0.00	31.43 3.17 0.00	31.74 3.04 0.00	36.83 4.03 0.00	55.04 5.17 -11.84	75.29 5.27 -32.07	61.03 5.35 -18.30	42.70 3.94 -4.55	36.50 2.98 -4.02	33.30 2.47 -3.33	34.78 1.58 -14.19	33.81 1.70 -12.10	34.09 1.55 -12.86	34.35 1.78 -11.19	42.25 1.69 -20.45	51.67 3.09 -17.08	66.36 3.84 -25.62	55.60 3.57 -17.39	44.25 2.83 -12.79	43.49 1.97 -19.44	42.25 1.22 -24.98	37.66 1.27 -18.31
REVERE_CPPR_DRP 24186	34.77 1.27 0.00	30.32 1.28 0.00	29.71 1.20 0.00	29.50 1.24 0.00	29.87 1.18 0.00	34.14 1.34 0.00	40.78 1.94 -0.82	42.10 1.94 -2.22	40.39 1.76 -1.25	35.97 1.44 -0.31	30.87 1.09 -0.27	28.63 0.91 -0.23	20.57 0.59 -0.97	21.44 0.60 -0.83	21.16 0.61 -0.88	22.92 0.77 -0.76	22.23 0.72 -1.40	34.11 1.42 -1.18	40.49 1.81 -1.77	37.41 1.56 -1.20	30.78 1.26 -0.89	24.34 0.91 -1.35	18.37 0.59 -1.73	20.08 0.72 -1.27
REYNOLDS_115KV_TB3 80639	34.80 1.31 0.00	30.09 1.05 0.00	29.62 1.11 0.00	29.45 1.19 0.00	29.90 1.21 0.00	34.34 1.54 0.00	51.21 1.75 -11.44	70.58 1.67 -30.96	56.73 1.68 -17.66	40.08 1.47 -4.39	34.59 1.21 -3.88	31.89 1.18 -3.22	33.39 0.68 -13.69	32.43 0.74 -11.68	32.84 0.75 -12.41	32.98 0.79 -10.80	40.59 0.74 -19.74	49.22 1.23 -16.49	63.08 1.44 -24.74	52.75 1.32 -16.79	42.10 1.12 -12.35	41.67 0.82 -18.77	40.73 0.56 -24.12	36.38 0.62 -17.68
RIVERBAY____ 323610	36.44 2.95 0.00	31.57 2.53 0.00	31.02 2.51 0.00	30.78 2.52 0.00	31.28 2.58 0.00	36.01 3.21 0.00	50.66 3.35 -9.29	66.37 3.26 -25.16	54.62 2.88 -14.35	40.83 3.05 -3.57	35.66 3.01 -3.15	32.83 2.72 -2.61	31.95 1.81 -11.13	31.38 1.88 -9.49	31.53 1.77 -10.08	32.09 1.92 -8.78	37.84 1.69 -16.04	47.04 2.14 -13.40	59.55 2.55 -20.10	50.78 2.49 -13.64	40.67 2.00 -10.03	39.04 1.70 -15.25	37.02 1.38 -19.60	34.11 1.66 -14.36
RIVERSDE_115KV_TB3 55908	34.47 0.97 0.00	29.82 0.78 0.00	29.34 0.83 0.00	29.19 0.93 0.00	29.61 0.92 0.00	34.01 1.21 0.00	50.86 1.41 -11.43	70.23 1.33 -30.95	56.39 1.35 -17.65	39.77 1.16 -4.39	34.32 0.94 -3.88	31.64 0.93 -3.22	33.22 0.51 -13.69	32.22 0.54 -11.67	32.65 0.57 -12.40	32.89 0.71 -10.80	40.48 0.64 -19.73	49.09 1.10 -16.48	62.92 1.29 -24.72	52.60 1.18 -16.78	41.95 0.97 -12.34	41.58 0.73 -18.76	40.64 0.48 -24.11	36.28 0.52 -17.67
ROARING___BROOK_WT_PWR 323790	33.10 -0.40 0.00	28.63 -0.41 0.00	28.06 -0.46 0.00	27.81 -0.45 0.00	28.23 -0.46 0.00	32.21 -0.59 0.00	37.26 -0.76 0.00	37.11 -0.84 0.00	36.45 -0.93 0.00	33.30 -0.92 0.00	28.59 -0.91 0.00	26.48 -1.02 0.00	18.18 -0.84 0.00	18.97 -1.04 0.00	18.65 -1.02 0.00	20.38 -1.00 0.00	19.32 -0.78 0.00	30.43 -1.07 0.00	35.65 -1.25 0.00	33.22 -1.42 0.00	27.37 -1.26 0.00	21.05 -1.04 0.00	15.24 -0.80 0.00	17.15 -0.94 0.00
ROCHESRG_115KV_T4 355643	33.43 -0.07 0.00	28.98 -0.06 0.00	28.43 -0.09 0.00	28.12 -0.14 0.00	28.69 0.00 0.00	32.70 -0.10 0.00	40.29 0.08 -2.19	43.49 -0.38 -5.92	40.60 -0.11 -3.32	35.08 0.03 -0.83	30.00 -0.24 -0.73	28.07 -0.03 -0.61	21.61 0.02 -2.58	22.29 0.08 -2.20	22.11 0.10 -2.33	23.44 0.02 -2.03	23.78 -0.04 -3.71	34.50 -0.16 -3.15	41.01 -0.63 -4.73	37.54 -0.31 -3.21	30.79 -0.20 -2.36	25.52 -0.15 -3.59	20.69 0.03 -4.61	21.50 0.04 -3.38
ROCHESTER_9_IC 23652	33.60 0.10 0.00	29.13 0.09 0.00	28.54 0.03 0.00	28.23 -0.03 0.00	28.84 0.14 0.00	32.86 0.07 0.00	40.52 0.30 -2.19	43.78 -0.11 -5.94	40.91 0.19 -3.34	35.32 0.27 -0.83	30.17 -0.06 -0.73	28.24 0.14 -0.61	21.72 0.11 -2.59	22.42 0.20 -2.21	22.24 0.22 -2.34	23.56 0.13 -2.04	23.91 0.08 -3.73	34.73 0.06 -3.16	41.28 -0.37 -4.75	37.79 -0.07 -3.22	30.97 -0.03 -2.37	25.67 -0.02 -3.60	20.80 0.13 -4.63	21.61 0.13 -3.39
ROCKVIEW_13_KV_LD 356306	36.01 2.51 0.00	31.01 1.97 0.00	30.45 1.94 0.00	30.18 1.92 0.00	30.82 2.12 0.00	35.52 2.72 0.00	50.43 3.12 -9.29	66.29 3.19 -25.16	54.92 3.18 -14.35	40.86 3.08 -3.57	35.45 2.80 -3.15	32.61 2.50 -2.61	31.80 1.65 -11.13	31.24 1.74 -9.49	31.41 1.65 -10.08	31.94 1.78 -8.78	37.80 1.65 -16.04	47.23 2.33 -13.40	59.84 2.84 -20.10	50.98 2.70 -13.64	40.81 2.15 -10.03	39.06 1.72 -15.25	36.88 1.24 -19.60	33.79 1.34 -14.36
ROME____115KV_TB2 80656	34.77 1.27 0.00	30.32 1.28 0.00	29.71 1.20 0.00	29.50 1.24 0.00	29.87 1.18 0.00	34.14 1.34 0.00	40.78 1.94 -0.82	42.10 1.94 -2.22	40.39 1.76 -1.25	35.97 1.44 -0.31	30.87 1.09 -0.27	28.63 0.91 -0.23	20.57 0.59 -0.97	21.44 0.60 -0.83	21.16 0.61 -0.88	22.92 0.77 -0.76	22.23 0.72 -1.40	34.11 1.42 -1.18	40.49 1.81 -1.77	37.41 1.56 -1.20	30.78 1.26 -0.89	24.34 0.91 -1.35	18.37 0.59 -1.73	20.08 0.72 -1.27
ROSETON___1 23587	35.51 2.01 0.00	30.64 1.60 0.00	30.11 1.60 0.00	29.90 1.64 0.00	30.44 1.75 0.00	34.96 2.16 0.00	49.73 2.55 -9.16	65.29 2.54 -24.80	54.04 2.51 -14.15	40.13 2.39 -3.51	34.76 2.15 -3.11	32.02 1.95 -2.58	31.26 1.27 -10.97	30.71 1.34 -9.35	30.91 1.30 -9.94	31.41 1.37 -8.65	37.19 1.27 -15.81	46.54 1.83 -13.20	58.93 2.21 -19.81	50.23 2.15 -13.44	40.24 1.72 -9.89	38.49 1.37 -15.03	36.34 0.98 -19.31	33.31 1.07 -14.15
ROSETON___2 23588	35.51 2.01 0.00	30.64 1.60 0.00	30.11 1.60 0.00	29.90 1.64 0.00	30.44 1.75 0.00	34.96 2.16 0.00	49.73 2.55 -9.16	65.29 2.54 -24.80	54.04 2.51 -14.15	40.13 2.39 -3.51	34.76 2.15 -3.11	32.02 1.95 -2.58	31.26 1.27 -10.97	30.71 1.34 -9.35	30.91 1.30 -9.94	31.41 1.37 -8.65	37.19 1.27 -15.81	46.54 1.83 -13.20	58.93 2.21 -19.81	50.23 2.15 -13.44	40.24 1.72 -9.89	38.49 1.37 -15.03	36.34 0.98 -19.31	33.31 1.07 -14.15
ROTTDRAM_115KV_TB3 80664	34.97 1.47 0.00	30.29 1.25 0.00	29.80 1.28 0.00	29.59 1.33 0.00	30.04 1.35 0.00	34.50 1.71 0.00	52.05 2.05 -11.97	72.37 2.01 -32.41	57.86 1.98 -18.49	40.52 1.71 -4.59	34.98 1.42 -4.06	32.13 1.26 -3.37	34.17 0.82 -14.34	33.10 0.86 -12.23	33.52 0.85 -12.99	33.62 0.92 -11.31	41.62 0.84 -20.67	50.15 1.39 -17.26	64.42 1.62 -25.89	53.74 1.52 -17.57	42.81 1.26 -12.92	42.68 0.95 -19.65	41.93 0.64 -25.24	37.31 0.72 -18.50

RUSSELL___1 23602	33.76 0.27 0.00	29.24 0.20 0.00	28.66 0.14 0.00	28.34 0.08 0.00	28.95 0.26 0.00	33.00 0.20 0.00	40.71 0.49 -2.19	44.00 0.11 -5.94	41.13 0.41 -3.34	35.53 0.48 -0.83	30.32 0.09 -0.73	28.38 0.27 -0.61	21.79 0.19 -2.59	22.50 0.28 -2.21	22.34 0.31 -2.34	23.66 0.24 -2.04	24.00 0.16 -3.73	34.89 0.22 -3.16	41.47 -0.18 -4.75	37.97 0.10 -3.22	31.14 0.14 -2.37	25.78 0.09 -3.60	20.87 0.19 -4.63	21.68 0.20 -3.39
RUSSELL___2 23532	33.76 0.27 0.00	29.24 0.20 0.00	28.66 0.14 0.00	28.34 0.08 0.00	28.95 0.26 0.00	33.00 0.20 0.00	40.71 0.49 -2.19	44.00 0.11 -5.94	41.13 0.41 -3.34	35.53 0.48 -0.83	30.32 0.09 -0.73	28.38 0.27 -0.61	21.79 0.19 -2.59	22.50 0.28 -2.21	22.34 0.31 -2.34	23.66 0.24 -2.04	24.00 0.16 -3.73	34.89 0.22 -3.16	41.47 -0.18 -4.75	37.97 0.10 -3.22	31.14 0.14 -2.37	25.78 0.09 -3.60	20.87 0.19 -4.63	21.68 0.20 -3.39
RUSSELL___3 23549	33.76 0.27 0.00	29.24 0.20 0.00	28.66 0.14 0.00	28.34 0.08 0.00	28.95 0.26 0.00	33.00 0.20 0.00	40.71 0.49 -2.19	44.00 0.11 -5.94	41.13 0.41 -3.34	35.53 0.48 -0.83	30.32 0.09 -0.73	28.38 0.27 -0.61	21.79 0.19 -2.59	22.50 0.28 -2.21	22.34 0.31 -2.34	23.66 0.24 -2.04	24.00 0.16 -3.73	34.89 0.22 -3.16	41.47 -0.18 -4.75	37.97 0.10 -3.22	31.14 0.14 -2.37	25.78 0.09 -3.60	20.87 0.19 -4.63	21.68 0.20 -3.39
RUSSELL___4 23556	33.76 0.27 0.00	29.24 0.20 0.00	28.66 0.14 0.00	28.34 0.08 0.00	28.95 0.26 0.00	33.00 0.20 0.00	40.71 0.49 -2.19	44.00 0.11 -5.94	41.13 0.41 -3.34	35.53 0.48 -0.83	30.32 0.09 -0.73	28.38 0.27 -0.61	21.79 0.19 -2.59	22.50 0.28 -2.21	22.34 0.31 -2.34	23.66 0.24 -2.04	24.00 0.16 -3.73	34.89 0.22 -3.16	41.47 -0.18 -4.75	37.97 0.10 -3.22	31.14 0.14 -2.37	25.78 0.09 -3.60	20.87 0.19 -4.63	21.68 0.20 -3.39
RUSSELL___STATION 23914	33.76 0.27 0.00	29.24 0.20 0.00	28.66 0.14 0.00	28.34 0.08 0.00	28.95 0.26 0.00	33.00 0.20 0.00	40.71 0.49 -2.19	44.00 0.11 -5.94	41.13 0.41 -3.34	35.53 0.48 -0.83	30.32 0.09 -0.73	28.38 0.27 -0.61	21.79 0.19 -2.59	22.50 0.28 -2.21	22.34 0.31 -2.34	23.66 0.24 -2.04	24.00 0.16 -3.73	34.89 0.22 -3.16	41.47 -0.18 -4.75	37.97 0.10 -3.22	31.14 0.14 -2.37	25.78 0.09 -3.60	20.87 0.19 -4.63	21.68 0.20 -3.39
S SALMON___HYD 24043	33.33 -0.17 0.00	28.92 -0.12 0.00	28.37 -0.14 0.00	28.12 -0.14 0.00	28.52 -0.17 0.00	32.57 -0.23 0.00	39.47 -0.04 -1.49	41.90 -0.08 -4.02	39.43 -0.22 -2.27	34.47 -0.31 -0.56	29.61 -0.38 -0.50	27.58 -0.33 -0.41	20.60 -0.17 -1.76	21.35 -0.16 -1.50	21.09 -0.18 -1.59	22.62 -0.15 -1.39	22.52 -0.12 -2.53	33.59 -0.06 -2.14	40.08 -0.04 -3.21	36.79 -0.03 -2.18	30.21 -0.03 -1.60	24.50 -0.02 -2.44	19.20 0.02 -3.13	20.39 0.00 -2.30
S.PERRY___115KV_TB1 80734	35.07 1.57 0.00	30.38 1.34 0.00	29.77 1.25 0.00	29.45 1.19 0.00	30.22 1.52 0.00	34.44 1.64 0.00	42.75 2.09 -2.64	46.87 1.78 -7.14	43.17 1.76 -4.02	36.55 1.33 -1.00	31.06 0.68 -0.88	28.94 0.71 -0.73	22.59 0.46 -3.12	23.21 0.54 -2.66	23.05 0.55 -2.83	24.49 0.64 -2.46	25.25 0.64 -4.50	36.47 1.17 -3.80	43.68 1.07 -5.70	39.79 1.28 -3.87	32.56 1.09 -2.85	27.21 0.80 -4.33	22.26 0.66 -5.56	22.83 0.67 -4.07
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	33.56 0.07 0.00	29.19 0.15 0.00	28.60 0.09 0.00	28.29 0.03 0.00	28.92 0.23 0.00	32.86 0.07 0.00	40.13 -0.38 -2.49	43.33 -1.37 -6.74	40.30 -0.86 -3.78	34.54 -0.62 -0.94	29.59 -0.74 -0.83	27.85 -0.33 -0.69	21.68 -0.27 -2.93	22.35 -0.16 -2.50	22.15 -0.18 -2.65	23.31 -0.38 -2.31	23.91 -0.42 -4.22	34.09 -1.01 -3.59	40.48 -1.81 -5.39	36.98 -1.32 -3.66	30.43 -0.89 -2.69	25.49 -0.68 -4.09	21.09 -0.21 -5.25	21.74 -0.20 -3.85
SAWYER___23_KV_LOAD 55526	33.56 0.07 0.00	29.19 0.15 0.00	28.60 0.09 0.00	28.29 0.03 0.00	28.92 0.23 0.00	32.86 0.07 0.00	40.13 -0.38 -2.49	43.33 -1.37 -6.74	40.30 -0.86 -3.78	34.54 -0.62 -0.94	29.59 -0.74 -0.83	27.85 -0.33 -0.69	21.68 -0.27 -2.93	22.35 -0.16 -2.50	22.15 -0.18 -2.65	23.31 -0.38 -2.31	23.91 -0.42 -4.22	34.09 -1.01 -3.59	40.48 -1.81 -5.39	36.98 -1.32 -3.66	30.43 -0.89 -2.69	25.49 -0.68 -4.09	21.09 -0.21 -5.25	21.74 -0.20 -3.85
SELKIRK___I 23801	34.90 1.41 0.00	30.20 1.16 0.00	29.74 1.23 0.00	29.59 1.33 0.00	29.99 1.29 0.00	34.41 1.61 0.00	51.05 1.83 -11.20	70.02 1.75 -30.33	56.41 1.72 -17.30	39.99 1.47 -4.30	34.51 1.21 -3.80	31.80 1.15 -3.15	33.11 0.68 -13.41	32.19 0.74 -11.44	32.58 0.75 -12.15	32.80 0.83 -10.58	40.23 0.78 -19.34	48.98 1.32 -16.15	62.65 1.51 -24.23	52.51 1.42 -16.44	41.93 1.20 -12.10	41.36 0.88 -18.39	40.28 0.61 -23.63	36.11 0.70 -17.31
SELKIRK___II 23799	34.64 1.14 0.00	29.97 0.93 0.00	29.48 0.97 0.00	29.33 1.07 0.00	29.73 1.03 0.00	34.11 1.31 0.00	50.84 1.48 -11.34	70.10 1.44 -30.71	56.32 1.42 -17.51	39.84 1.27 -4.35	34.41 1.06 -3.84	31.70 1.02 -3.19	33.18 0.59 -13.58	32.23 0.64 -11.58	32.63 0.65 -12.31	32.80 0.70 -10.71	40.33 0.64 -19.58	48.93 1.07 -16.35	62.65 1.22 -24.53	52.43 1.14 -16.65	41.85 0.97 -12.25	41.43 0.73 -18.61	40.46 0.50 -23.92	36.18 0.56 -17.53
SENECA OSWGO___HYD 24041	33.16 -0.33 0.00	28.87 -0.17 0.00	28.31 -0.20 0.00	27.95 -0.31 0.00	28.32 -0.37 0.00	32.31 -0.49 0.00	39.26 -0.42 -1.66	41.98 -0.45 -4.49	39.50 -0.41 -2.53	34.40 -0.45 -0.63	29.76 -0.29 -0.55	27.76 -0.19 -0.46	20.94 -0.04 -1.96	21.66 -0.02 -1.67	21.45 0.00 -1.78	22.93 0.00 -1.55	22.85 -0.08 -2.82	33.77 -0.13 -2.39	40.23 -0.26 -3.58	36.90 -0.17 -2.43	30.28 -0.14 -1.79	24.67 -0.13 -2.72	19.49 -0.05 -3.49	20.63 -0.02 -2.56
SENECA___115KV_TB3 355854	34.10 0.60 0.00	29.65 0.61 0.00	29.03 0.51 0.00	28.74 0.48 0.00	29.38 0.69 0.00	33.39 0.59 0.00	40.61 0.04 -2.54	44.00 -0.83 -6.89	40.87 -0.37 -3.86	34.97 -0.21 -0.96	29.94 -0.41 -0.85	28.14 -0.05 -0.70	21.89 -0.11 -2.99	22.60 0.04 -2.55	22.41 0.02 -2.71	23.53 -0.21 -2.36	24.18 -0.24 -4.32	34.48 -0.69 -3.67	41.01 -1.40 -5.50	37.44 -0.94 -3.74	30.78 -0.60 -2.75	25.80 -0.46 -4.18	21.33 -0.08 -5.37	21.93 -0.09 -3.93
SENECA___ENERGY 23797	34.00 0.50 0.00	29.53 0.49 0.00	28.91 0.40 0.00	28.60 0.34 0.00	29.18 0.49 0.00	33.36 0.56 0.00	41.12 0.80 -2.29	44.73 0.57 -6.21	41.60 0.75 -3.47	35.66 0.58 -0.86	30.62 0.36 -0.76	28.48 0.36 -0.63	21.97 0.27 -2.69	22.64 0.34 -2.29	22.45 0.33 -2.44	23.87 0.36 -2.12	24.29 0.30 -3.88	35.35 0.54 -3.31	42.31 0.44 -4.96	38.56 0.55 -3.37	31.54 0.43 -2.48	26.14 0.29 -3.77	21.14 0.26 -4.84	21.89 0.25 -3.55
SHOEMAKER___GT 23640	35.40 1.91 0.00	30.55 1.51 0.00	29.99 1.48 0.00	29.78 1.52 0.00	30.33 1.63 0.00	34.80 2.00 0.00	48.50 2.36 -8.12	62.28 2.35 -21.97	52.17 2.24 -12.54	39.46 2.12 -3.12	34.08 1.83 -2.75	31.43 1.65 -2.28	29.82 1.08 -9.72	29.44 1.14 -8.29	29.59 1.10 -8.81	30.23 1.18 -7.67	35.23 1.11 -14.02	44.84 1.64 -11.70	56.49 2.03 -17.55	48.53 1.97 -11.91	39.00 1.60 -8.76	36.67 1.26 -13.32	34.05 0.88 -17.12	31.57 0.94 -12.54

SHOEMAKR_138KV_BK 111 55601	35.37 1.88 0.00	30.52 1.48 0.00	30.00 1.48 0.00	29.70 1.44 0.00	30.30 1.61 0.00	34.77 1.97 0.00	48.36 2.28 -8.06	62.12 2.35 -21.82	52.05 2.21 -12.45	39.40 2.09 -3.09	34.06 1.83 -2.73	31.44 1.68 -2.27	29.77 1.10 -9.65	29.41 1.16 -8.23	29.55 1.12 -8.75	30.18 1.18 -7.61	35.13 1.11 -13.92	44.76 1.64 -11.62	56.37 2.03 -17.43	48.41 1.94 -11.83	38.91 1.57 -8.70	36.55 1.24 -13.23	33.91 0.87 -17.00	31.50 0.96 -12.46
SHOREHAM_IC_1 23715	39.24 4.99 -0.75	37.02 4.15 -3.82	34.53 4.48 -1.54	34.15 4.58 -1.31	37.17 4.62 -3.86	40.21 4.79 -2.62	53.18 5.85 -9.30	68.96 5.84 -25.17	57.70 5.95 -14.37	50.99 5.00 -11.77	44.60 5.64 -9.46	40.80 5.23 -8.08	36.87 3.46 -14.39	35.52 3.62 -11.89	36.02 3.64 -12.70	41.81 3.91 -16.51	44.38 3.48 -20.79	64.88 4.82 -28.55	88.67 4.80 -46.97	67.57 5.33 -27.59	52.75 4.38 -19.74	50.12 3.44 -24.59	45.37 2.57 -26.76	42.53 3.06 -21.39
SHOREHAM_IC_2 23716	39.24 4.99 -0.75	37.02 4.15 -3.82	34.53 4.48 -1.54	34.15 4.58 -1.31	37.17 4.62 -3.86	40.21 4.79 -2.62	53.18 5.85 -9.30	68.96 5.84 -25.17	57.70 5.95 -14.37	50.99 5.00 -11.77	44.60 5.64 -9.46	40.80 5.23 -8.08	36.87 3.46 -14.39	35.52 3.62 -11.89	36.02 3.64 -12.70	41.81 3.91 -16.51	44.38 3.48 -20.79	64.88 4.82 -28.55	88.67 4.80 -46.97	67.57 5.33 -27.59	52.75 4.38 -19.74	50.12 3.44 -24.59	45.37 2.57 -26.76	42.53 3.06 -21.39
SISSONVILLE____ 23735	32.73 -0.77 0.00	28.52 -0.52 0.00	27.97 -0.54 0.00	27.69 -0.57 0.00	27.95 -0.75 0.00	31.55 -1.25 0.00	36.85 -1.44 -0.28	37.41 -1.29 -0.75	36.16 -1.65 -0.42	32.78 -1.54 -0.10	28.30 -1.30 -0.09	26.20 -1.37 -0.08	18.32 -1.03 -0.33	19.17 -1.12 -0.28	18.87 -1.10 -0.30	20.49 -1.15 -0.26	19.53 -1.05 -0.47	30.39 -1.51 -0.40	36.06 -1.44 -0.60	33.45 -1.59 -0.41	27.64 -1.29 -0.30	21.63 -0.91 -0.45	16.05 -0.58 -0.58	18.03 -0.49 -0.43
SITHE_IND_GS1 24169	32.66 -0.84 0.00	28.37 -0.67 0.00	27.83 -0.68 0.00	27.55 -0.71 0.00	27.89 -0.80 0.00	31.82 -0.98 0.00	38.37 -1.06 -1.41	40.63 -1.14 -3.82	38.46 -1.09 -2.16	33.76 -0.99 -0.54	29.12 -0.86 -0.47	27.20 -0.69 -0.39	20.33 -0.36 -1.67	21.08 -0.36 -1.43	20.86 -0.33 -1.51	22.32 -0.38 -1.32	22.13 -0.38 -2.41	32.91 -0.63 -2.03	39.14 -0.81 -3.05	35.98 -0.73 -2.07	29.55 -0.60 -1.52	23.96 -0.44 -2.32	18.75 -0.27 -2.98	19.96 -0.31 -2.18
SITHE_IND_GS2 24170	32.66 -0.84 0.00	28.37 -0.67 0.00	27.83 -0.68 0.00	27.55 -0.71 0.00	27.89 -0.80 0.00	31.82 -0.98 0.00	38.37 -1.06 -1.41	40.63 -1.14 -3.82	38.46 -1.09 -2.16	33.76 -0.99 -0.54	29.12 -0.86 -0.47	27.20 -0.69 -0.39	20.33 -0.36 -1.67	21.08 -0.36 -1.43	20.86 -0.33 -1.51	22.32 -0.38 -1.32	22.13 -0.38 -2.41	32.91 -0.63 -2.03	39.14 -0.81 -3.05	35.98 -0.73 -2.07	29.55 -0.60 -1.52	23.96 -0.44 -2.32	18.75 -0.27 -2.98	19.96 -0.31 -2.18
SITHE_IND_GS3 24171	32.66 -0.84 0.00	28.37 -0.67 0.00	27.83 -0.68 0.00	27.55 -0.71 0.00	27.89 -0.80 0.00	31.82 -0.98 0.00	38.37 -1.06 -1.41	40.63 -1.14 -3.82	38.46 -1.09 -2.16	33.76 -0.99 -0.54	29.12 -0.86 -0.47	27.20 -0.69 -0.39	20.33 -0.36 -1.67	21.08 -0.36 -1.43	20.86 -0.33 -1.51	22.32 -0.38 -1.32	22.13 -0.38 -2.41	32.91 -0.63 -2.03	39.14 -0.81 -3.05	35.98 -0.73 -2.07	29.55 -0.60 -1.52	23.96 -0.44 -2.32	18.75 -0.27 -2.98	19.96 -0.31 -2.18
SITHE_IND_GS4 24172	32.66 -0.84 0.00	28.37 -0.67 0.00	27.83 -0.68 0.00	27.55 -0.71 0.00	27.89 -0.80 0.00	31.82 -0.98 0.00	38.37 -1.06 -1.41	40.63 -1.14 -3.82	38.46 -1.09 -2.16	33.76 -0.99 -0.54	29.12 -0.86 -0.47	27.20 -0.69 -0.39	20.33 -0.36 -1.67	21.08 -0.36 -1.43	20.86 -0.33 -1.51	22.32 -0.38 -1.32	22.13 -0.38 -2.41	32.91 -0.63 -2.03	39.14 -0.81 -3.05	35.98 -0.73 -2.07	29.55 -0.60 -1.52	23.96 -0.44 -2.32	18.75 -0.27 -2.98	19.96 -0.31 -2.18
SITHE____BATAVIA 24024	34.03 0.53 0.00	29.65 0.61 0.00	28.88 0.37 0.00	28.43 0.17 0.00	29.30 0.60 0.00	33.36 0.56 0.00	40.86 0.49 -2.35	44.00 -0.30 -6.35	41.13 0.19 -3.56	35.44 0.34 -0.88	30.22 -0.06 -0.78	28.33 0.19 -0.65	21.85 0.08 -2.76	22.58 0.22 -2.35	22.39 0.22 -2.50	23.65 0.09 -2.17	24.06 -0.02 -3.97	34.73 -0.16 -3.38	41.24 -0.74 -5.07	37.77 -0.31 -3.44	30.99 -0.17 -2.53	25.78 -0.15 -3.85	21.09 0.10 -4.95	21.86 0.14 -3.63
SITHE____INDEPEND 23800	32.66 -0.84 0.00	28.37 -0.67 0.00	27.83 -0.68 0.00	27.58 -0.68 0.00	27.89 -0.80 0.00	31.78 -1.02 0.00	38.37 -1.06 -1.41	40.67 -1.10 -3.82	38.46 -1.08 -2.16	33.76 -0.99 -0.54	29.12 -0.86 -0.47	27.20 -0.69 -0.39	20.33 -0.36 -1.67	21.08 -0.36 -1.43	20.86 -0.33 -1.51	22.32 -0.38 -1.32	22.13 -0.38 -2.41	32.91 -0.63 -2.03	39.14 -0.81 -3.05	35.99 -0.73 -2.07	29.55 -0.60 -1.52	23.96 -0.44 -2.32	18.75 -0.27 -2.98	19.96 -0.31 -2.18
SITHE____MASSENA 23902	32.99 -0.50 0.00	28.72 -0.32 0.00	28.20 -0.31 0.00	27.89 -0.37 0.00	28.29 -0.40 0.00	32.21 -0.59 0.00	37.22 -0.80 0.00	37.30 -0.65 0.00	36.60 -0.79 0.00	33.50 -0.72 0.00	28.94 -0.56 0.00	26.89 -0.60 0.00	18.54 -0.47 0.00	19.49 -0.52 0.00	19.17 -0.51 0.00	20.85 -0.53 0.00	19.60 -0.50 0.00	30.75 -0.76 0.00	36.20 -0.70 0.00	33.85 -0.80 0.00	27.97 -0.66 0.00	21.60 -0.49 0.00	15.68 -0.37 0.00	17.75 -0.34 0.00
SITHE____OGDNSBRG 24021	33.23 -0.27 0.00	28.98 -0.06 0.00	28.43 -0.09 0.00	28.18 -0.08 0.00	28.58 -0.11 0.00	32.41 -0.39 0.00	37.82 -0.42 -0.22	38.24 -0.30 -0.59	37.12 -0.60 -0.33	33.72 -0.58 -0.08	29.04 -0.53 -0.07	26.89 -0.66 -0.06	18.74 -0.53 -0.26	19.63 -0.60 -0.22	19.32 -0.59 -0.23	20.99 -0.60 -0.20	19.98 -0.50 -0.37	31.19 -0.63 -0.32	36.97 -0.41 -0.47	34.38 -0.59 -0.32	28.38 -0.49 -0.24	22.09 -0.35 -0.36	16.24 -0.27 -0.46	18.21 -0.22 -0.34
SITHE____STERLING 23777	34.67 1.17 0.00	30.17 1.13 0.00	29.57 1.06 0.00	29.25 0.99 0.00	29.76 1.06 0.00	34.01 1.21 0.00	40.67 1.71 -0.94	42.15 1.67 -2.54	40.38 1.57 -1.43	35.87 1.30 -0.35	30.82 1.00 -0.31	28.61 0.85 -0.26	20.69 0.57 -1.11	21.55 0.60 -0.94	21.29 0.61 -1.00	22.99 0.73 -0.87	22.38 0.68 -1.59	34.12 1.26 -1.35	40.48 1.55 -2.03	37.44 1.42 -1.38	30.76 1.12 -1.01	24.44 0.82 -1.54	18.57 0.55 -1.98	20.19 0.65 -1.45
SLEIGHT__34_KV_TB1 80719	33.46 -0.03 0.00	29.07 0.03 0.00	28.48 -0.03 0.00	28.20 -0.06 0.00	28.72 0.03 0.00	32.80 0.00 0.00	40.51 0.30 -2.18	43.97 0.11 -5.91	41.00 0.30 -3.31	35.32 0.27 -0.82	30.23 0.00 -0.73	28.21 0.11 -0.60	21.68 0.10 -2.57	22.36 0.16 -2.19	22.20 0.20 -2.33	23.58 0.17 -2.02	23.89 0.08 -3.70	34.78 0.13 -3.15	41.52 -0.11 -4.72	37.92 0.07 -3.21	31.02 0.03 -2.36	25.67 0.00 -3.58	20.72 0.06 -4.61	21.54 0.07 -3.37
SOUTH CAIRO____GT 23612	35.74 2.24 0.00	30.84 1.80 0.00	30.34 1.83 0.00	30.30 2.04 0.00	30.62 1.92 0.00	35.09 2.30 0.00	51.22 2.44 -10.76	69.47 2.39 -29.13	56.17 2.17 -16.62	39.92 1.57 -4.13	34.07 0.92 -3.65	31.32 0.80 -3.03	32.30 0.40 -12.88	31.46 0.46 -10.99	31.86 0.51 -11.68	32.15 0.60 -10.16	39.43 0.74 -18.58	48.63 1.61 -15.51	62.24 2.07 -23.27	52.27 1.83 -15.79	41.76 1.52 -11.62	40.78 1.04 -17.66	39.35 0.61 -22.69	35.37 0.65 -16.63

SOUTH HAMPTN___IC 23720	39.77 5.53 -0.75	37.42 4.56 -3.82	34.87 4.82 -1.54	34.60 5.03 -1.31	37.63 5.08 -3.86	40.80 5.38 -2.62	53.94 6.62 -9.30	69.68 6.57 -25.17	58.44 6.69 -14.37	51.56 5.61 -11.72	45.04 6.08 -9.46	41.15 5.58 -8.08	37.09 3.69 -14.39	35.76 3.86 -11.89	36.25 3.88 -12.70	42.09 4.19 -16.51	44.74 3.84 -20.79	65.51 5.45 -28.55	89.26 5.53 -46.82	68.26 6.03 -27.59	53.32 4.95 -19.74	50.54 3.86 -24.59	45.66 2.86 -26.76	42.77 3.29 -21.39
SOUTHDOW_115KV_TB1 355954	35.51 2.01 0.00	30.87 1.83 0.00	30.20 1.68 0.00	29.84 1.58 0.00	30.50 1.81 0.00	34.60 1.80 0.00	42.01 1.33 -2.66	45.94 0.80 -7.19	42.58 1.20 -4.00	36.20 0.99 -0.99	31.09 0.71 -0.88	29.07 0.85 -0.73	22.55 0.44 -3.10	23.27 0.62 -2.64	23.06 0.57 -2.81	24.13 0.30 -2.44	24.81 0.24 -4.47	35.46 0.13 -3.83	42.32 -0.33 -5.75	38.54 0.00 -3.90	31.61 0.11 -2.87	26.42 -0.02 -4.36	21.81 0.16 -5.60	22.32 0.13 -4.11
SOUTHOLD_69_KV_BK 2 55809	40.30 6.06 -0.74	38.05 5.20 -3.82	35.35 5.30 -1.53	34.90 5.34 -1.30	38.08 5.54 -3.85	41.18 5.77 -2.61	54.70 7.38 -9.30	70.43 7.32 -25.16	59.22 7.48 -14.36	52.16 6.23 -11.72	45.56 6.61 -9.45	41.64 6.08 -8.07	37.39 3.99 -14.38	36.07 4.18 -11.88	36.58 4.21 -12.69	42.44 4.56 -16.50	45.11 4.22 -20.78	66.16 6.11 -28.54	90.03 6.31 -46.81	68.98 6.76 -27.58	53.89 5.53 -19.73	50.95 4.28 -24.58	45.93 3.13 -26.75	43.07 3.60 -21.38
SOUTHOLD___IC 23719	40.31 6.06 -0.75	37.92 5.05 -3.82	35.36 5.30 -1.54	35.05 5.48 -1.31	38.09 5.54 -3.86	41.39 5.97 -2.62	54.71 7.38 -9.30	70.44 7.33 -25.17	59.27 7.52 -14.37	52.17 6.23 -11.72	45.60 6.64 -9.46	41.62 6.05 -8.08	37.40 3.99 -14.39	36.08 4.18 -11.89	36.59 4.21 -12.70	42.45 4.56 -16.51	45.12 4.22 -20.79	66.17 6.11 -28.55	90.03 6.31 -46.82	68.99 6.76 -27.59	53.92 5.56 -19.74	50.98 4.31 -24.59	45.93 3.13 -26.76	43.08 3.60 -21.39
SOUTH_FORK_WT_PWR 323839	40.47 6.23 -0.74	38.11 5.26 -3.82	35.41 5.36 -1.53	34.96 5.40 -1.30	38.20 5.65 -3.85	41.35 5.94 -2.61	54.85 7.53 -9.30	70.62 7.51 -25.16	59.37 7.63 -14.36	52.30 6.36 -11.72	45.65 6.70 -9.45	41.70 6.13 -8.07	37.43 4.03 -14.38	36.11 4.22 -11.88	36.62 4.25 -12.69	42.51 4.62 -16.50	45.19 4.30 -20.78	66.29 6.24 -28.54	90.17 6.46 -46.81	69.12 6.89 -27.58	54.00 5.64 -19.73	51.06 4.40 -24.58	46.01 3.21 -26.75	43.12 3.65 -21.38
SPIERFLS_115KV_TB 1 80737	35.07 1.57 0.00	30.26 1.22 0.00	30.00 1.48 0.00	29.84 1.58 0.00	30.33 1.64 0.00	35.00 2.20 0.00	52.66 2.78 -11.86	72.87 2.81 -32.11	58.51 2.80 -18.32	40.89 2.12 -4.55	35.12 1.59 -4.02	32.15 1.32 -3.34	34.04 0.82 -14.20	33.01 0.88 -12.11	33.26 0.71 -12.87	33.40 0.81 -11.20	41.37 0.78 -20.48	49.96 1.35 -17.10	64.25 1.70 -25.65	53.61 1.56 -17.41	42.70 1.26 -12.81	42.39 0.84 -19.46	41.56 0.50 -25.01	36.85 0.43 -18.33
ST LAWRENCE___ 23600	32.69 -0.80 0.00	28.40 -0.64 0.00	27.89 -0.63 0.00	27.61 -0.65 0.00	28.04 -0.66 0.00	31.98 -0.82 0.00	36.92 -1.10 0.00	37.00 -0.95 0.00	36.34 -1.05 0.00	33.30 -0.92 0.00	28.73 -0.77 0.00	26.70 -0.80 0.00	18.43 -0.59 0.00	19.37 -0.64 0.00	19.05 -0.63 0.00	20.72 -0.66 0.00	19.50 -0.60 0.00	30.56 -0.94 0.00	35.95 -0.96 0.00	33.64 -1.01 0.00	27.80 -0.83 0.00	21.45 -0.64 0.00	15.55 -0.50 0.00	17.58 -0.51 0.00
STATE_CA_115KV_115_LB 55624	34.63 1.14 0.00	29.97 0.93 0.00	29.48 0.97 0.00	29.33 1.07 0.00	29.76 1.06 0.00	34.18 1.38 0.00	51.22 1.64 -11.56	70.80 1.56 -31.30	56.81 1.57 -17.85	39.99 1.33 -4.44	34.48 1.06 -3.92	31.79 1.04 -3.25	33.45 0.59 -13.84	32.46 0.64 -11.80	32.87 0.65 -12.54	32.99 0.68 -10.92	40.71 0.64 -19.96	49.27 1.10 -16.67	63.20 1.29 -25.00	52.79 1.18 -16.97	42.08 0.97 -12.48	41.76 0.71 -18.97	40.89 0.47 -24.38	36.46 0.51 -17.86
STATE_ST_34_KV_LOAD 55959	34.60 1.11 0.00	29.77 0.73 0.00	29.20 0.68 0.00	28.91 0.65 0.00	29.70 1.00 0.00	33.91 1.12 0.00	41.75 1.44 -2.28	45.57 1.44 -6.18	42.32 1.50 -3.43	36.27 1.20 -0.85	30.88 0.62 -0.75	28.75 0.63 -0.63	22.15 0.48 -2.66	22.82 0.54 -2.27	22.64 0.55 -2.41	24.09 0.60 -2.10	24.65 0.70 -3.84	35.93 1.13 -3.29	43.10 1.25 -4.94	39.28 1.28 -3.35	32.13 1.03 -2.47	26.58 0.75 -3.75	21.42 0.56 -4.82	22.05 0.43 -3.53
STATION 5_MISC_HYD 23604	33.60 0.10 0.00	29.19 0.15 0.00	28.54 0.03 0.00	28.18 -0.08 0.00	28.84 0.14 0.00	32.90 0.10 0.00	40.52 0.30 -2.19	43.70 -0.19 -5.94	40.87 0.15 -3.34	35.32 0.27 -0.83	30.17 -0.06 -0.73	28.24 0.14 -0.61	21.72 0.11 -2.59	22.42 0.20 -2.21	22.24 0.22 -2.34	23.56 0.13 -2.04	23.92 0.08 -3.73	34.70 0.03 -3.16	41.28 -0.37 -4.75	37.79 -0.07 -3.22	30.97 -0.03 -2.37	25.67 -0.02 -3.60	20.80 0.13 -4.63	21.61 0.13 -3.39
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	33.90 0.40 0.00	29.45 0.41 0.00	28.85 0.34 0.00	28.57 0.31 0.00	29.10 0.40 0.00	33.23 0.43 0.00	40.99 0.76 -2.21	44.47 0.53 -5.99	41.49 0.75 -3.36	35.74 0.68 -0.83	30.62 0.38 -0.74	28.55 0.44 -0.61	21.94 0.32 -2.60	22.63 0.40 -2.22	22.45 0.41 -2.36	23.85 0.41 -2.05	24.14 0.28 -3.76	35.17 0.47 -3.19	41.95 0.26 -4.78	38.34 0.45 -3.25	31.36 0.34 -2.39	25.94 0.22 -3.63	20.95 0.24 -4.66	21.78 0.27 -3.42
STA_56_34_KV_BUS2_REV_LBMP_B 345033	33.40 -0.10 0.00	28.95 -0.09 0.00	28.37 -0.14 0.00	28.06 -0.20 0.00	28.64 -0.06 0.00	32.67 -0.13 0.00	40.33 0.11 -2.19	43.61 -0.27 -5.92	40.71 0.00 -3.33	35.15 0.10 -0.83	30.05 -0.18 -0.73	28.10 0.00 -0.61	21.63 0.04 -2.58	22.31 0.10 -2.20	22.13 0.12 -2.34	23.46 0.04 -2.03	23.80 -0.02 -3.72	34.60 -0.06 -3.15	41.16 -0.48 -4.73	37.65 -0.21 -3.21	30.85 -0.14 -2.36	25.54 -0.13 -3.59	20.69 0.03 -4.61	21.49 0.02 -3.38
STA_56___34_KV_BUS2 355983	33.40 -0.10 0.00	28.95 -0.09 0.00	28.37 -0.14 0.00	28.06 -0.20 0.00	28.64 -0.06 0.00	32.67 -0.13 0.00	40.33 0.11 -2.19	43.61 -0.27 -5.92	40.71 0.00 -3.33	35.15 0.10 -0.83	30.05 -0.18 -0.73	28.10 0.00 -0.61	21.63 0.04 -2.58	22.31 0.10 -2.20	22.13 0.12 -2.34	23.46 0.04 -2.03	23.80 -0.02 -3.72	34.60 -0.06 -3.15	41.16 -0.48 -4.73	37.65 -0.21 -3.21	30.85 -0.14 -2.36	25.54 -0.13 -3.59	20.69 0.03 -4.61	21.49 0.02 -3.38
STA_67___115KV_BK2 355882	33.53 0.03 0.00	29.10 0.06 0.00	28.51 0.00 0.00	28.20 -0.06 0.00	28.78 0.09 0.00	32.80 0.00 0.00	40.44 0.23 -2.19	43.70 -0.19 -5.94	40.80 0.07 -3.33	35.22 0.17 -0.83	30.12 -0.12 -0.73	28.18 0.08 -0.61	21.68 0.08 -2.58	22.38 0.16 -2.20	22.20 0.18 -2.34	23.51 0.09 -2.04	23.85 0.02 -3.73	34.64 -0.03 -3.16	41.17 -0.48 -4.74	37.69 -0.17 -3.22	30.91 -0.09 -2.37	25.60 -0.09 -3.60	20.77 0.10 -4.63	21.57 0.09 -3.39
STA_7___115KV_9TRANS 80674	33.76 0.27 0.00	29.24 0.20 0.00	28.66 0.14 0.00	28.34 0.08 0.00	28.95 0.26 0.00	33.00 0.20 0.00	40.71 0.49 -2.19	44.00 0.11 -5.94	41.13 0.41 -3.34	35.53 0.48 -0.83	30.32 0.09 -0.73	28.38 0.27 -0.61	21.79 0.19 -2.59	22.50 0.28 -2.21	22.34 0.31 -2.34	23.66 0.31 -2.04	24.00 0.24 -3.73	34.89 0.16 -3.16	41.47 0.22 -4.75	37.97 0.10 -3.22	31.14 0.14 -2.37	25.78 0.09 -3.60	20.87 0.19 -4.63	21.68 0.20 -3.39

STA_82___115KV_TB1 80780	33.56 0.07 0.00	29.10 0.06 0.00	28.51 0.00 0.00	28.20 -0.06 0.00	28.81 0.11 0.00	32.83 0.03 0.00	40.49 0.27 -2.20	43.75 -0.15 -5.96	40.84 0.11 -3.34	35.25 0.21 -0.83	30.15 -0.09 -0.73	28.21 0.11 -0.61	21.70 0.10 -2.59	22.38 0.16 -2.21	22.20 0.18 -2.35	23.54 0.11 -2.04	23.88 0.04 -3.74	34.68 0.00 -3.17	41.22 -0.44 -4.76	37.73 -0.14 -3.23	30.95 -0.06 -2.38	25.63 -0.07 -3.61	20.80 0.11 -4.64	21.60 0.11 -3.40
STEEL___WIND 323596	34.06 0.57 0.00	29.71 0.67 0.00	29.00 0.48 0.00	28.51 0.25 0.00	29.35 0.66 0.00	33.39 0.59 0.00	40.53 -0.04 -2.54	43.82 -1.02 -6.89	40.80 -0.45 -3.86	34.90 -0.27 -0.96	29.91 -0.44 -0.85	28.11 -0.08 -0.70	21.88 -0.13 -2.99	22.58 0.02 -2.55	22.37 -0.02 -2.71	23.51 -0.23 -2.36	24.14 -0.28 -4.32	34.42 -0.76 -3.67	40.97 -1.44 -5.50	37.37 -1.01 -3.74	30.75 -0.63 -2.75	25.78 -0.49 -4.18	21.32 -0.10 -5.37	21.91 -0.11 -3.93
STEPHTWN_115KV_BK_2 55603	34.84 1.34 0.00	30.14 1.10 0.00	29.65 1.14 0.00	29.50 1.24 0.00	29.87 1.18 0.00	34.34 1.54 0.00	51.30 1.86 -11.41	70.66 1.82 -30.89	56.80 1.79 -17.62	40.07 1.47 -4.38	34.58 1.21 -3.87	31.86 1.15 -3.21	33.32 0.65 -13.66	32.36 0.70 -11.65	32.77 0.71 -12.38	32.95 0.79 -10.78	40.55 0.74 -19.70	49.31 1.35 -16.45	63.17 1.59 -24.68	52.85 1.45 -16.75	42.15 1.20 -12.32	41.67 0.86 -18.73	40.67 0.56 -24.06	36.38 0.65 -17.63
STEBEN_REC_LFGE 323667	35.20 1.71 0.00	30.64 1.60 0.00	30.02 1.51 0.00	29.73 1.47 0.00	30.39 1.69 0.00	34.64 1.84 0.00	42.95 1.90 -3.03	47.63 1.48 -8.20	43.49 1.46 -4.65	36.57 1.20 -1.15	31.26 0.74 -1.02	29.08 0.74 -0.85	23.04 0.42 -3.60	23.65 0.56 -3.07	23.47 0.53 -3.27	24.85 0.62 -2.84	25.87 0.56 -5.20	36.72 0.85 -4.37	44.08 0.63 -6.55	39.85 0.76 -4.44	32.53 0.63 -3.27	27.48 0.42 -4.97	22.83 0.40 -6.39	23.17 0.40 -4.68
STILLWATER___SOLAR 323814	35.44 1.94 0.00	30.64 1.60 0.00	30.22 1.71 0.00	30.04 1.78 0.00	30.50 1.81 0.00	35.09 2.30 0.00	52.64 2.81 -11.80	72.68 2.77 -31.96	58.35 2.73 -18.23	40.97 2.22 -4.53	35.24 1.74 -4.00	32.35 1.54 -3.32	34.14 0.99 -14.14	33.13 1.06 -12.06	33.49 1.00 -12.81	33.65 1.11 -11.15	41.55 1.07 -20.38	50.32 1.80 -17.02	64.61 2.18 -25.53	53.98 2.01 -17.33	43.04 1.66 -12.75	42.67 1.21 -19.37	41.74 0.80 -24.90	37.18 0.85 -18.24
STONY___BROOK 24151	39.20 4.96 -0.75	36.78 3.92 -3.82	34.13 4.08 -1.54	33.95 4.38 -1.31	37.00 4.45 -3.86	40.34 4.92 -2.62	53.15 5.82 -9.30	68.73 5.62 -25.17	57.55 5.80 -14.36	51.35 5.00 -12.14	44.12 5.16 -9.46	40.36 4.78 -8.08	36.58 3.18 -14.39	35.22 3.32 -11.89	35.68 3.30 -12.70	41.45 3.55 -16.51	44.27 3.38 -20.79	64.72 4.66 -28.55	89.78 4.76 -48.11	67.40 5.16 -27.59	52.60 4.24 -19.74	50.01 3.34 -24.59	45.31 2.50 -26.76	42.28 2.80 -21.39
STURGEON_POOL_HYD 23609	35.71 2.21 0.00	30.90 1.86 0.00	30.34 1.82 0.00	30.01 1.75 0.00	30.53 1.84 0.00	35.06 2.26 0.00	49.69 2.28 -9.38	65.71 2.35 -25.41	54.13 2.24 -14.50	39.98 2.16 -3.60	34.72 2.04 -3.18	31.92 1.79 -2.64	31.45 1.20 -11.24	30.84 1.24 -9.58	31.06 1.20 -10.18	31.49 1.24 -8.86	37.43 1.13 -16.20	46.64 1.61 -13.53	59.23 2.03 -20.30	50.36 1.94 -13.77	40.31 1.55 -10.13	38.72 1.24 -15.40	36.70 0.87 -19.79	33.59 0.99 -14.50
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	35.41 1.91 0.00	30.61 1.57 0.00	30.05 1.54 0.00	29.79 1.53 0.00	30.33 1.64 0.00	34.80 2.00 0.00	48.69 2.36 -8.31	62.90 2.47 -22.49	52.54 2.32 -12.83	39.63 2.22 -3.19	34.35 2.04 -2.82	31.67 1.84 -2.34	30.18 1.22 -9.95	29.78 1.28 -8.48	29.93 1.24 -9.02	30.52 1.28 -7.85	35.60 1.15 -14.35	45.18 1.70 -11.98	57.01 2.14 -17.97	48.88 2.04 -12.19	39.23 1.63 -8.97	37.00 1.28 -13.63	34.48 0.91 -17.52	31.96 1.03 -12.84
SWANROAD_115KV_TB1 355699	32.93 -0.57 0.00	28.69 -0.35 0.00	28.09 -0.43 0.00	27.81 -0.45 0.00	28.41 -0.29 0.00	32.24 -0.56 0.00	39.28 -1.18 -2.44	42.31 -2.24 -6.60	39.36 -1.72 -3.69	33.87 -1.27 -0.92	28.96 -1.36 -0.81	27.29 -0.88 -0.67	21.19 -0.68 -2.86	21.89 -0.56 -2.44	21.68 -0.59 -2.60	22.85 -0.79 -2.26	23.39 -0.84 -4.13	33.35 -1.67 -3.52	39.52 -2.66 -5.27	36.14 -2.08 -3.58	29.75 -1.52 -2.63	24.94 -1.15 -4.00	20.67 -0.51 -5.14	21.31 -0.54 -3.77
SYNERGY___BIOGAS 323694	34.03 0.53 0.00	29.65 0.61 0.00	28.88 0.37 0.00	28.43 0.17 0.00	29.30 0.60 0.00	33.36 0.56 0.00	40.86 0.49 -2.35	44.00 -0.30 -6.35	41.13 0.19 -3.56	35.44 0.34 -0.88	30.22 -0.06 -0.78	28.33 0.19 -0.65	21.85 0.08 -2.76	22.58 0.22 -2.35	22.39 0.22 -2.50	23.65 0.09 -2.17	24.06 -0.02 -3.97	34.73 -0.16 -3.38	41.24 -0.74 -5.07	37.77 -0.31 -3.44	30.99 -0.17 -2.53	25.78 -0.15 -3.85	21.09 0.10 -4.95	21.86 0.14 -3.63
SYRACUSE___ENERGY_ST1 323597	33.90 0.40 0.00	29.45 0.41 0.00	28.88 0.37 0.00	28.63 0.37 0.00	29.04 0.34 0.00	33.16 0.36 0.00	40.59 0.53 -2.04	43.96 0.49 -5.52	41.01 0.52 -3.10	35.40 0.41 -0.77	30.51 0.32 -0.68	28.41 0.36 -0.56	21.72 0.30 -2.40	22.42 0.36 -2.05	22.23 0.37 -2.17	23.69 0.41 -1.89	23.89 0.32 -3.46	34.98 0.54 -2.94	41.83 0.52 -4.41	38.19 0.55 -2.99	31.26 0.43 -2.20	25.76 0.33 -3.34	20.62 0.27 -4.30	21.53 0.29 -3.15
SYRACUSE___ENERGY_ST2 323598	33.90 0.40 0.00	29.45 0.41 0.00	28.88 0.37 0.00	28.63 0.37 0.00	29.04 0.34 0.00	33.16 0.36 0.00	40.59 0.53 -2.04	43.96 0.49 -5.52	41.01 0.52 -3.10	35.40 0.41 -0.77	30.51 0.32 -0.68	28.41 0.36 -0.56	21.72 0.30 -2.40	22.42 0.36 -2.05	22.23 0.37 -2.17	23.69 0.41 -1.89	23.89 0.32 -3.46	34.98 0.54 -2.94	41.83 0.52 -4.41	38.19 0.55 -2.99	31.26 0.43 -2.20	25.76 0.33 -3.34	20.62 0.27 -4.30	21.53 0.29 -3.15
SYRACUSE___POWER 24017	33.76 0.27 0.00	29.30 0.26 0.00	28.77 0.26 0.00	28.51 0.25 0.00	28.92 0.23 0.00	33.00 0.20 0.00	40.37 0.30 -2.05	43.79 0.30 -5.54	40.84 0.34 -3.12	35.20 0.21 -0.77	30.39 0.21 -0.68	28.31 0.25 -0.57	21.68 0.25 -2.42	22.35 0.28 -2.06	22.16 0.30 -2.19	23.64 0.34 -1.91	23.85 0.26 -3.48	34.87 0.41 -2.95	41.70 0.37 -4.43	38.06 0.42 -3.00	31.18 0.34 -2.21	25.69 0.24 -3.36	20.57 0.21 -4.32	21.47 0.22 -3.16
TALLMAN___138KV_BK151 55660	35.41 1.91 0.00	30.61 1.57 0.00	30.05 1.54 0.00	29.76 1.50 0.00	30.36 1.66 0.00	34.87 2.07 0.00	48.93 2.43 -8.48	63.48 2.58 -22.95	52.91 2.43 -13.10	39.80 2.33 -3.25	34.56 2.18 -2.87	31.86 1.98 -2.39	30.48 1.31 -10.15	30.05 1.38 -8.66	30.20 1.32 -9.20	30.74 1.35 -8.01	35.97 1.23 -14.64	45.49 1.76 -12.22	57.45 2.21 -18.33	49.23 2.15 -12.44	39.50 1.72 -9.15	37.37 1.37 -13.91	34.89 0.96 -17.88	32.27 1.09 -13.10
TEALLAVE_115KV_TB7 355573	33.56 0.07 0.00	29.13 0.09 0.00	28.60 0.09 0.00	28.34 0.08 0.00	28.72 0.03 0.00	32.77 -0.03 0.00	39.94 0.04 -1.87	43.02 0.00 -5.08	40.28 0.04 -2.86	34.89 -0.03 -0.71	30.13 0.00 -0.63	28.12 0.11 -0.52	21.38 0.15 -2.21	22.10 0.20 -1.89	21.88 0.20 -2.01	23.35 0.21 -1.75	23.46 0.16 -3.19	34.43 0.22 -2.70	41.11 0.15 -4.05	37.60 0.21 -2.75	30.83 0.17 -2.02	25.30 0.13 -3.08	20.13 0.13 -3.95	21.11 0.13 -2.90

TELGRAPH_34_KV_EAST 80808	33.63 0.13 0.00	29.24 0.20 0.00	28.63 0.11 0.00	28.34 0.08 0.00	28.98 0.29 0.00	32.93 0.13 0.00	40.25 -0.15 -2.38	43.41 -0.99 -6.45	40.47 -0.52 -3.61	34.84 -0.27 -0.90	29.76 -0.53 -0.79	27.96 -0.19 -0.66	21.62 -0.19 -2.80	22.34 -0.06 -2.38	22.15 -0.06 -2.53	23.36 -0.24 -2.21	23.82 -0.32 -4.03	34.18 -0.76 -3.43	40.54 -1.51 -5.15	37.13 -1.00 -3.50	30.51 -0.69 -2.57	25.44 -0.55 -3.91	20.92 -0.14 -5.02	21.64 -0.13 -3.68
TEMPLE___115KV_TB 2 55572	33.63 0.13 0.00	29.19 0.15 0.00	28.63 0.11 0.00	28.37 0.11 0.00	28.78 0.09 0.00	32.80 0.00 0.00	39.99 0.08 -1.89	43.11 0.04 -5.12	40.34 0.07 -2.88	34.97 0.03 -0.72	30.19 0.06 -0.63	28.16 0.14 -0.52	21.42 0.17 -2.23	22.14 0.22 -1.90	21.92 0.22 -2.02	23.41 0.26 -1.76	23.51 0.18 -3.22	34.52 0.28 -2.73	41.18 0.18 -4.09	37.70 0.28 -2.78	30.87 0.20 -2.04	25.34 0.15 -3.10	20.18 0.14 -3.99	21.18 0.16 -2.92
TIANA___69_KV_BK 1 55817	39.63 5.39 -0.74	37.44 4.59 -3.82	34.75 4.70 -1.53	34.31 4.75 -1.30	37.48 4.94 -3.85	40.46 5.05 -2.61	53.71 6.39 -9.30	69.48 6.38 -25.16	58.21 6.47 -14.36	51.34 5.41 -11.72	44.88 5.93 -9.45	41.04 5.47 -8.07	37.01 3.61 -14.38	35.67 3.78 -11.88	36.17 3.80 -12.69	41.99 4.11 -16.50	44.63 3.74 -20.78	65.31 5.26 -28.54	89.03 5.31 -46.81	68.05 5.82 -27.58	53.14 4.78 -19.73	50.40 3.73 -24.58	45.56 2.76 -26.75	42.69 3.22 -21.38
TILDEN___115KV_TB1 80814	33.76 0.27 0.00	29.30 0.26 0.00	28.77 0.26 0.00	28.51 0.25 0.00	28.92 0.23 0.00	33.00 0.20 0.00	40.37 0.30 -2.05	43.79 0.30 -5.54	40.84 0.34 -3.12	35.20 0.21 -0.77	30.39 0.21 -0.68	28.31 0.25 -0.57	21.68 0.25 -2.42	22.35 0.28 -2.06	22.16 0.30 -2.19	23.64 0.34 -1.91	23.85 0.26 -3.48	34.87 0.41 -2.95	41.70 0.37 -4.43	38.06 0.42 -3.00	31.18 0.34 -2.21	25.69 0.24 -3.36	20.57 0.21 -4.32	21.47 0.22 -3.16
TRIGEN___CC 323695	37.18 2.95 -0.74	35.21 2.35 -3.81	32.35 2.31 -1.53	31.85 2.29 -1.30	35.07 2.53 -3.85	38.56 3.15 -2.61	50.77 3.46 -9.29	66.59 3.49 -25.15	55.25 3.51 -14.35	47.45 3.46 -9.78	42.04 3.10 -9.44	38.39 2.83 -8.07	35.26 1.86 -14.38	33.85 1.96 -11.88	34.25 1.89 -12.68	39.89 2.01 -16.49	42.75 1.87 -20.78	62.72 2.68 -28.54	80.86 3.25 -40.71	65.30 3.08 -27.58	50.84 2.49 -19.72	48.65 1.99 -24.57	44.22 1.43 -26.74	41.02 1.56 -21.37
TRINITY___115KV__ 4 BK 55933	34.37 0.87 0.00	29.74 0.70 0.00	29.25 0.74 0.00	29.11 0.85 0.00	29.53 0.83 0.00	33.91 1.12 0.00	50.74 1.29 -11.42	70.10 1.21 -30.93	56.27 1.23 -17.65	39.66 1.06 -4.38	34.23 0.86 -3.87	31.59 0.88 -3.21	33.15 0.46 -13.68	32.16 0.48 -11.67	32.59 0.51 -12.40	32.78 0.60 -10.79	40.39 0.56 -19.72	48.96 0.98 -16.47	62.76 1.14 -24.71	52.45 1.04 -16.77	41.83 0.86 -12.34	41.48 0.64 -18.75	40.54 0.40 -24.10	36.20 0.45 -17.66
UNION___PROCESSING_DRP 323587	33.60 0.10 0.00	29.10 0.06 0.00	28.51 0.00 0.00	28.23 -0.03 0.00	28.81 0.11 0.00	32.83 0.03 0.00	40.49 0.27 -2.20	43.76 -0.15 -5.96	40.88 0.15 -3.35	35.29 0.24 -0.83	30.15 -0.09 -0.73	28.21 0.11 -0.61	21.70 0.10 -2.59	22.40 0.18 -2.21	22.22 0.20 -2.35	23.54 0.11 -2.05	23.91 0.06 -3.74	34.68 0.00 -3.17	41.22 -0.44 -4.76	37.74 -0.14 -3.23	30.95 -0.06 -2.38	25.65 -0.04 -3.61	20.80 0.11 -4.64	21.60 0.11 -3.40
UPPER HUDSON___HYD 24058	35.07 1.57 0.00	30.26 1.22 0.00	29.99 1.48 0.00	29.93 1.67 0.00	30.33 1.63 0.00	34.96 2.16 0.00	52.62 2.74 -11.86	72.83 2.77 -32.11	58.48 2.77 -18.32	40.89 2.12 -4.55	35.12 1.59 -4.02	32.15 1.32 -3.34	34.04 0.82 -14.20	33.00 0.88 -12.11	33.26 0.71 -12.87	33.40 0.81 -11.20	41.37 0.78 -20.48	49.96 1.35 -17.10	64.25 1.70 -25.65	53.61 1.56 -17.41	42.69 1.26 -12.81	42.39 0.84 -19.46	41.56 0.50 -25.01	36.85 0.43 -18.33
UPPER RAQUET___HYD 24056	32.73 -0.77 0.00	28.49 -0.55 0.00	27.97 -0.54 0.00	27.67 -0.59 0.00	27.95 -0.75 0.00	31.55 -1.25 0.00	36.85 -1.44 -0.28	37.45 -1.25 -0.75	36.16 -1.64 -0.42	32.78 -1.54 -0.10	28.30 -1.30 -0.09	26.20 -1.37 -0.08	18.31 -1.03 -0.33	19.17 -1.12 -0.28	18.87 -1.10 -0.30	20.49 -1.16 -0.26	19.53 -1.05 -0.47	30.39 -1.51 -0.40	36.06 -1.44 -0.60	33.46 -1.59 -0.41	27.64 -1.29 -0.30	21.63 -0.91 -0.45	16.05 -0.58 -0.58	18.03 -0.49 -0.43
VALLEY44_115KV_TB2 355964	34.23 0.74 0.00	29.77 0.73 0.00	29.14 0.63 0.00	28.80 0.54 0.00	29.53 0.83 0.00	33.59 0.79 0.00	40.37 -0.34 -2.69	44.43 -0.80 -7.28	40.98 -0.45 -4.04	34.78 -0.44 -1.00	29.92 -0.47 -0.89	28.01 -0.22 -0.74	21.88 -0.27 -3.14	22.55 -0.14 -2.67	22.32 -0.20 -2.84	23.33 -0.53 -2.47	24.08 -0.54 -4.52	34.28 -1.10 -3.88	41.10 -1.62 -5.82	37.45 -1.14 -3.95	30.73 -0.80 -2.90	25.84 -0.66 -4.41	21.43 -0.29 -5.67	21.92 -0.33 -4.16
VALLEY___115KV_TB 1-4 80826	34.10 0.60 0.00	29.74 0.70 0.00	29.17 0.66 0.00	28.94 0.68 0.00	29.18 0.49 0.00	33.42 0.62 0.00	39.04 0.80 -0.22	39.30 0.76 -0.59	38.43 0.71 -0.33	34.95 0.65 -0.08	30.22 0.65 -0.07	28.10 0.55 -0.06	19.58 0.30 -0.26	20.49 0.26 -0.22	20.17 0.26 -0.23	21.91 0.32 -0.20	20.76 0.28 -0.37	32.32 0.50 -0.32	38.01 0.63 -0.47	35.52 0.55 -0.32	29.30 0.43 -0.24	22.75 0.31 -0.36	16.72 0.21 -0.46	18.75 0.33 -0.34
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	35.91 2.41 0.00	31.04 2.00 0.00	30.45 1.94 0.00	30.24 1.98 0.00	30.90 2.21 0.00	35.42 2.62 0.00	45.91 3.31 -4.58	53.58 3.23 -12.40	48.47 5.38 -5.70	40.29 4.65 -1.42	34.03 3.27 -1.25	31.42 2.89 -1.04	25.32 1.88 -4.42	25.76 1.98 -3.77	25.67 1.99 -4.01	27.20 2.33 -3.49	28.87 2.39 -6.37	40.51 2.39 -6.61	49.62 2.80 -9.91	44.03 2.67 -6.72	35.78 2.20 -4.95	31.24 1.63 -7.52	26.82 1.11 -9.66	26.36 1.19 -7.08
VISCHER___FERRY HYD 24020	35.10 1.61 0.00	30.38 1.34 0.00	29.91 1.40 0.00	29.73 1.47 0.00	30.16 1.46 0.00	34.63 1.84 0.00	51.81 2.17 -11.62	71.55 2.12 -31.47	57.44 2.09 -17.96	40.49 1.81 -4.46	34.95 1.50 -3.94	32.14 1.37 -3.27	33.79 0.86 -13.92	32.80 0.92 -11.87	33.20 0.91 -12.62	33.35 0.98 -10.98	41.08 0.91 -20.07	49.78 1.51 -16.76	63.82 1.77 -25.14	53.37 1.66 -17.06	42.56 1.37 -12.55	42.18 1.02 -19.08	41.25 0.69 -24.52	36.80 0.74 -17.97
V_A_10_SYNC_DSASP 323832	33.13 -0.37 0.00	28.87 -0.17 0.00	28.20 -0.31 0.00	27.78 -0.48 0.00	28.49 -0.20 0.00	32.44 -0.36 0.00	39.91 -0.42 -2.31	42.79 -1.40 -6.25	40.03 -0.86 -3.50	34.54 -0.55 -0.87	29.56 -0.71 -0.77	27.77 -0.36 -0.64	21.48 -0.25 -2.72	22.17 -0.16 -2.32	21.98 -0.16 -2.46	23.21 -0.32 -2.14	23.66 -0.36 -3.91	33.98 -0.85 -3.33	40.31 -1.59 -4.99	36.92 -1.11 -3.39	30.38 -0.74 -2.49	25.30 -0.57 -3.79	20.75 -0.16 -4.87	21.51 -0.15 -3.57
V_CMM_10_SYNC_DSASP 323787	32.83 -0.67 0.00	28.52 -0.52 0.00	28.00 -0.51 0.00	27.72 -0.54 0.00	28.15 -0.55 0.00	32.08 -0.72 0.00	37.07 -0.95 0.00	37.15 -0.80 0.00	36.49 -0.90 0.00	33.40 -0.82 0.00	28.85 -0.65 0.00	26.81 -0.69 0.00	18.50 -0.51 0.00	19.45 -0.56 0.00	19.13 -0.55 0.00	20.79 -0.60 0.00	19.56 -0.54 0.00	30.66 -0.85 0.00	36.09 -0.81 0.00	33.74 -0.90 0.00	27.89 -0.74 0.00	21.54 -0.55 0.00	15.61 -0.43 0.00	17.64 -0.45 0.00

V_CMP_10_SYNC_DSASP 323788	33.70 0.20 0.00	29.27 0.23 0.00	28.68 0.17 0.00	28.37 0.11 0.00	28.78 0.09 0.00	32.73 -0.07 0.00	37.19 -0.84 0.00	37.30 -0.65 0.00	36.68 -0.71 0.00	33.67 -0.55 0.00	29.09 -0.41 0.00	26.72 -0.77 0.00	18.25 -0.76 0.00	19.09 -0.92 0.00	18.81 -0.87 0.00	20.53 -0.86 0.00	19.44 -0.66 0.00	30.59 -0.91 0.00	36.57 -0.33 0.00	34.02 -0.62 0.00	28.12 -0.51 0.00	21.62 -0.46 0.00	15.66 -0.39 0.00	17.71 -0.38 0.00
V_E_10_SYNC_DSASP 323830	36.91 3.42 0.00	32.21 3.17 0.00	31.48 2.97 0.00	31.11 2.85 0.00	31.85 3.16 0.00	36.41 3.61 0.00	46.47 4.71 -3.74	52.65 4.59 -10.11	47.59 4.90 -5.30	39.61 4.07 -1.32	33.56 2.89 -1.16	30.94 2.48 -0.97	24.73 1.60 -4.11	25.22 1.70 -3.51	25.11 1.71 -3.73	26.73 2.10 -3.24	28.17 2.13 -5.93	40.30 3.40 -5.39	49.05 4.06 -8.08	43.90 3.78 -5.48	35.61 2.95 -4.03	30.32 2.10 -6.13	25.31 1.38 -7.88	25.40 1.54 -5.77
V_F_30_NSYNC___DSASP 323816	35.51 2.01 0.00	30.69 1.65 0.00	30.25 1.74 0.00	30.12 1.86 0.00	30.56 1.86 0.00	35.16 2.36 0.00	52.70 2.85 -11.83	72.78 2.81 -32.03	58.47 2.81 -18.27	41.05 2.29 -4.54	35.31 1.80 -4.01	32.42 1.59 -3.33	34.19 1.01 -14.17	33.17 1.08 -12.08	33.54 1.02 -12.84	33.69 1.13 -11.17	41.64 1.11 -20.43	50.42 1.86 -17.06	64.74 2.25 -25.58	54.08 2.08 -17.36	43.12 1.72 -12.77	42.76 1.26 -19.41	41.83 0.83 -24.95	37.24 0.87 -18.28
V_F_30_SYNC_DSASP 323786	34.63 1.14 0.00	29.97 0.93 0.00	29.48 0.97 0.00	29.33 1.07 0.00	29.76 1.06 0.00	34.18 1.38 0.00	51.21 1.64 -11.55	70.78 1.56 -31.27	56.80 1.57 -17.84	39.98 1.33 -4.43	34.48 1.06 -3.92	31.79 1.04 -3.25	33.44 0.59 -13.83	32.45 0.64 -11.79	32.86 0.65 -12.53	32.98 0.68 -10.91	40.69 0.64 -19.94	49.26 1.10 -16.65	63.18 1.29 -24.98	52.77 1.18 -16.95	42.08 0.97 -12.47	41.75 0.71 -18.96	40.87 0.47 -24.36	36.45 0.51 -17.85
V_XM_10_SYNC_DSASP 323789	33.70 0.20 0.00	29.27 0.23 0.00	28.68 0.17 0.00	28.37 0.11 0.00	28.78 0.09 0.00	32.73 -0.07 0.00	37.19 -0.84 0.00	37.30 -0.65 0.00	36.68 -0.71 0.00	33.67 -0.55 0.00	29.09 -0.41 0.00	26.72 -0.77 0.00	18.25 -0.76 0.00	19.09 -0.92 0.00	18.81 -0.87 0.00	20.53 -0.86 0.00	19.44 -0.66 0.00	30.59 -0.91 0.00	36.57 -0.33 0.00	34.02 -0.62 0.00	28.12 -0.51 0.00	21.62 -0.46 0.00	15.66 -0.39 0.00	17.71 -0.38 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	35.51 2.01 0.00	30.67 1.63 0.00	30.11 1.60 0.00	29.84 1.58 0.00	30.42 1.72 0.00	34.93 2.13 0.00	49.02 2.51 -8.49	63.64 2.69 -22.99	53.01 2.50 -13.12	39.87 2.40 -3.26	34.59 2.21 -2.88	31.92 2.03 -2.39	30.54 1.35 -10.17	30.11 1.42 -8.67	30.25 1.36 -9.22	30.80 1.39 -8.02	36.02 1.25 -14.67	45.58 1.83 -12.24	57.60 2.33 -18.37	49.36 2.25 -12.47	39.58 1.78 -9.17	37.44 1.41 -13.94	34.95 0.99 -17.91	32.32 1.10 -13.13
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	36.08 2.58 0.00	31.07 2.03 0.00	30.51 2.00 0.00	30.24 1.98 0.00	30.88 2.18 0.00	35.59 2.79 0.00	50.43 3.12 -9.29	66.29 3.19 -25.15	54.88 3.14 -14.35	40.93 3.15 -3.56	35.54 2.89 -3.15	32.72 2.61 -2.61	31.87 1.73 -11.13	31.30 1.80 -9.49	31.47 1.71 -10.08	31.98 1.82 -8.78	37.82 1.67 -16.04	47.20 2.30 -13.40	59.77 2.77 -20.09	50.95 2.67 -13.64	40.75 2.09 -10.03	39.06 1.72 -15.25	36.89 1.25 -19.59	33.84 1.39 -14.36
W50THST__13_KV_LOAD 356117	36.21 2.71 0.00	31.19 2.15 0.00	30.59 2.08 0.00	30.35 2.09 0.00	30.96 2.27 0.00	35.69 2.89 0.00	50.58 3.27 -9.29	66.44 3.34 -25.15	55.07 3.33 -14.35	41.10 3.32 -3.56	35.69 3.04 -3.15	32.86 2.75 -2.61	31.97 1.83 -11.13	31.40 1.90 -9.49	31.57 1.81 -10.08	32.09 1.92 -8.78	37.92 1.77 -16.04	47.36 2.46 -13.40	59.95 2.95 -20.09	51.09 2.81 -13.64	40.87 2.20 -10.03	39.15 1.81 -15.25	36.94 1.30 -19.59	33.90 1.45 -14.36
WADING RIVER_IC_1 23522	39.17 4.93 -0.75	36.96 4.10 -3.82	34.47 4.42 -1.54	34.12 4.55 -1.31	37.14 4.59 -3.86	40.14 4.72 -2.62	53.11 5.78 -9.30	68.92 5.81 -25.17	57.70 5.95 -14.37	50.98 5.03 -11.72	44.57 5.61 -9.46	40.77 5.20 -8.08	36.85 3.44 -14.39	35.50 3.60 -11.89	35.98 3.60 -12.70	41.79 3.89 -16.51	44.34 3.44 -20.79	64.84 4.79 -28.55	88.56 4.83 -46.82	67.53 5.30 -27.59	52.72 4.35 -19.74	50.10 3.42 -24.59	45.36 2.55 -26.76	42.50 3.02 -21.39
WADING RIVER_IC_2 23547	39.17 4.93 -0.75	36.96 4.10 -3.82	34.47 4.42 -1.54	34.12 4.55 -1.31	37.14 4.59 -3.86	40.14 4.72 -2.62	53.11 5.78 -9.30	68.92 5.81 -25.17	57.70 5.95 -14.37	50.98 5.03 -11.72	44.57 5.61 -9.46	40.77 5.20 -8.08	36.85 3.44 -14.39	35.50 3.60 -11.89	35.98 3.60 -12.70	41.79 3.89 -16.51	44.34 3.44 -20.79	64.84 4.79 -28.55	88.56 4.83 -46.82	67.53 5.30 -27.59	52.72 4.35 -19.74	50.10 3.42 -24.59	45.36 2.55 -26.76	42.50 3.02 -21.39
WADING RIVER_IC_3 23601	39.17 4.93 -0.75	36.96 4.10 -3.82	34.47 4.42 -1.54	34.12 4.55 -1.31	37.14 4.59 -3.86	40.14 4.72 -2.62	53.11 5.78 -9.30	68.92 5.81 -25.17	57.70 5.95 -14.37	50.98 5.03 -11.72	44.57 5.61 -9.46	40.77 5.20 -8.08	36.85 3.44 -14.39	35.50 3.60 -11.89	35.98 3.60 -12.70	41.79 3.89 -16.51	44.34 3.44 -20.79	64.84 4.79 -28.55	88.56 4.83 -46.82	67.53 5.30 -27.59	52.72 4.35 -19.74	50.10 3.42 -24.59	45.36 2.55 -26.76	42.50 3.02 -21.39
WALDENNY_12_KV_BK2 80841	34.03 0.54 0.00	29.59 0.55 0.00	28.97 0.46 0.00	28.68 0.42 0.00	29.33 0.63 0.00	33.32 0.52 0.00	40.56 0.00 -2.53	43.93 -0.87 -6.86	40.82 -0.41 -3.84	34.93 -0.24 -0.95	29.93 -0.41 -0.84	28.14 -0.05 -0.70	21.88 -0.11 -2.98	22.59 0.04 -2.54	22.38 0.00 -2.70	23.52 -0.21 -2.35	24.14 -0.26 -4.30	34.43 -0.72 -3.65	40.95 -1.44 -5.48	37.39 -0.97 -3.72	30.74 -0.63 -2.74	25.76 -0.49 -4.16	21.29 -0.10 -5.34	21.91 -0.09 -3.92
WALDEN___HYDRO 24148	35.81 2.31 0.00	30.87 1.83 0.00	30.31 1.80 0.00	30.07 1.81 0.00	30.62 1.92 0.00	35.13 2.33 0.00	49.61 2.74 -8.85	64.68 2.77 -23.96	53.68 2.62 -13.67	40.01 2.39 -3.40	34.60 2.09 -3.00	31.85 1.87 -2.49	30.87 1.25 -10.60	30.37 1.32 -9.04	30.54 1.26 -9.61	31.07 1.33 -8.36	36.66 1.27 -15.28	46.22 1.95 -12.76	58.52 2.47 -19.14	49.95 2.32 -12.99	40.08 1.89 -9.56	38.07 1.46 -14.52	35.72 1.01 -18.66	32.87 1.10 -13.68
WARRENSBURG____ 23737	35.07 1.57 0.00	30.26 1.22 0.00	29.99 1.48 0.00	29.93 1.67 0.00	30.33 1.63 0.00	34.96 2.16 0.00	52.62 2.74 -11.86	72.83 2.77 -32.11	58.48 2.77 -18.32	40.89 2.12 -4.55	35.12 1.59 -4.02	32.15 1.32 -3.34	34.04 0.82 -14.20	33.00 0.88 -12.11	33.26 0.71 -12.87	33.40 0.81 -11.20	41.37 0.78 -20.48	49.96 1.35 -17.10	64.25 1.70 -25.65	53.61 1.56 -17.41	42.69 1.26 -12.81	42.39 0.84 -19.46	41.56 0.50 -25.01	36.85 0.43 -18.33
WATERSIDE___6 8 9 23538	36.21 2.71 0.00	31.19 2.15 0.00	30.62 2.11 0.00	30.38 2.12 0.00	30.99 2.30 0.00	35.72 2.92 0.00	50.32 3.00 -9.29	66.14 3.04 -25.16	54.66 2.92 -14.35	40.86 3.08 -3.57	35.60 2.95 -3.15	32.77 2.67 -2.61	31.89 1.75 -11.13	31.34 1.84 -9.49	31.49 1.73 -10.08	32.02 1.86 -8.78	37.86 1.71 -16.04	47.11 2.21 -13.40	59.62 2.62 -20.10	50.81 2.53 -13.64	40.67 2.00 -10.03	39.04 1.70 -15.25	36.96 1.32 -19.60	33.92 1.47 -14.36



WATKINRD_115KV_LN8_ILLION 55919	34.00 0.50 0.00	29.56 0.52 0.00	29.00 0.48 0.00	28.77 0.51 0.00	29.10 0.40 0.00	33.29 0.49 0.00	38.93 0.68 -0.22	39.15 0.61 -0.59	38.32 0.60 -0.33	34.85 0.55 -0.08	30.05 0.47 -0.07	27.97 0.41 -0.06	19.52 0.25 -0.26	20.47 0.24 -0.22	20.15 0.24 -0.23	21.87 0.28 -0.20	20.72 0.24 -0.37	32.26 0.44 -0.32	37.93 0.55 -0.47	35.45 0.48 -0.32	29.27 0.40 -0.24	22.73 0.29 -0.36	16.70 0.19 -0.46	18.70 0.27 -0.34
WATSON___69_KV_BK 1 55734	38.92 4.69 -0.74	36.72 3.86 -3.82	33.95 3.91 -1.53	33.46 3.90 -1.30	36.67 4.13 -3.85	40.03 4.62 -2.61	52.83 5.51 -9.30	68.53 5.43 -25.16	57.28 5.53 -14.36	49.83 4.82 -10.78	43.85 4.90 -9.45	40.08 4.51 -8.07	36.40 3.00 -14.38	35.03 3.14 -11.88	35.46 3.09 -12.69	41.25 3.36 -16.50	44.03 3.14 -20.78	64.49 4.44 -28.54	85.50 4.72 -43.87	67.18 4.95 -27.58	52.43 4.07 -19.73	49.85 3.18 -24.58	45.12 2.33 -26.75	42.11 2.64 -21.38
WDELAWARE___HYD 323627	35.57 2.08 0.00	30.75 1.71 0.00	30.17 1.65 0.00	29.87 1.61 0.00	30.44 1.75 0.00	34.87 2.07 0.00	48.61 2.51 -8.07	62.39 2.58 -21.86	52.26 2.39 -12.48	39.51 2.19 -3.10	34.04 1.80 -2.74	31.36 1.59 -2.27	29.75 1.06 -9.67	29.38 1.12 -8.25	29.52 1.08 -8.77	30.17 1.15 -7.63	35.20 1.15 -13.94	44.91 1.76 -11.64	56.62 2.25 -17.46	48.61 2.11 -11.85	39.04 1.69 -8.72	36.64 1.30 -13.25	33.97 0.90 -17.03	31.54 0.98 -12.48
WEST BABYLON___IC 23714	38.25 4.02 -0.74	36.11 3.25 -3.82	33.29 3.25 -1.53	32.78 3.22 -1.30	36.01 3.47 -3.85	39.51 4.10 -2.61	51.99 4.68 -9.29	67.73 4.63 -25.16	56.45 4.71 -14.35	48.66 4.41 -10.03	43.08 4.13 -9.45	39.33 3.77 -8.07	35.91 2.51 -14.38	34.51 2.62 -11.88	34.92 2.56 -12.69	40.64 2.76 -16.50	43.50 2.61 -20.78	63.83 3.78 -28.54	82.75 4.35 -41.49	66.45 4.23 -27.58	51.82 3.46 -19.73	49.38 2.72 -24.57	44.73 1.94 -26.75	41.64 2.17 -21.38
WEST CANADA___HYD 24049	33.66 0.17 0.00	29.19 0.15 0.00	28.66 0.14 0.00	28.40 0.14 0.00	28.84 0.14 0.00	33.00 0.20 0.00	38.51 0.27 -0.22	38.77 0.23 -0.59	37.95 0.23 -0.33	34.51 0.21 -0.08	29.72 0.15 -0.07	27.69 0.14 -0.06	19.37 0.10 -0.26	20.31 0.08 -0.22	19.99 0.08 -0.23	21.70 0.11 -0.20	20.58 0.10 -0.37	32.01 0.19 -0.32	37.60 0.22 -0.47	35.17 0.21 -0.32	29.04 0.17 -0.24	22.56 0.11 -0.36	16.59 0.08 -0.46	18.52 0.09 -0.34
WESTERN_NY_WIND 24143	34.00 0.50 0.00	29.53 0.49 0.00	28.94 0.43 0.00	28.60 0.34 0.00	29.27 0.57 0.00	33.29 0.49 0.00	40.84 0.46 -2.36	44.11 0.23 -6.39	41.11 0.15 -3.58	35.38 0.27 -0.89	30.20 -0.09 -0.78	28.31 0.16 -0.65	21.84 0.06 -2.77	22.58 0.20 -2.36	22.39 0.20 -2.51	23.64 0.06 -2.19	24.06 -0.04 -4.00	34.72 -0.19 -3.40	41.20 -0.81 -5.10	37.73 -0.38 -3.46	30.98 -0.20 -2.55	25.78 -0.18 -3.87	21.10 0.08 -4.98	21.86 0.13 -3.65
WESTOVER___LESR 323668	34.50 1.00 0.00	29.94 0.90 0.00	29.37 0.86 0.00	29.11 0.85 0.00	29.64 0.95 0.00	33.85 1.05 0.00	43.11 1.18 -3.91	49.60 1.06 -10.59	44.42 1.16 -5.88	36.67 0.99 -1.46	31.59 0.80 -1.29	29.36 0.80 -1.07	24.08 0.51 -4.56	24.50 0.60 -3.88	24.38 0.57 -4.13	25.60 0.62 -3.59	27.22 0.54 -6.57	37.87 0.72 -5.64	46.07 0.70 -8.46	41.21 0.83 -5.74	33.57 0.72 -4.22	29.04 0.53 -6.42	24.71 0.42 -8.25	24.60 0.47 -6.04
WETHRSFD_WT_PWR 323626	34.10 0.60 0.00	29.71 0.67 0.00	29.03 0.51 0.00	28.60 0.34 0.00	29.38 0.69 0.00	33.45 0.66 0.00	41.06 0.30 -2.74	44.79 -0.57 -7.41	41.40 -0.15 -4.16	35.15 -0.10 -1.03	30.12 -0.29 -0.91	28.20 -0.05 -0.76	22.13 -0.11 -3.23	22.76 0.00 -2.75	22.58 -0.02 -2.92	23.78 -0.15 -2.55	24.60 -0.16 -4.65	34.95 -0.51 -3.95	41.80 -1.03 -5.92	37.93 -0.73 -4.02	31.13 -0.46 -2.96	26.23 -0.35 -4.49	21.76 -0.06 -5.78	22.23 -0.09 -4.23
WHAVSTOR_138KV_BK127 55557	35.34 1.84 0.00	30.52 1.48 0.00	29.97 1.45 0.00	29.70 1.44 0.00	30.27 1.58 0.00	34.80 2.00 0.00	48.84 2.32 -8.50	63.42 2.47 -23.00	52.83 2.32 -13.13	39.74 2.26 -3.26	34.48 2.09 -2.88	31.81 1.92 -2.39	30.47 1.27 -10.18	30.03 1.34 -8.68	30.18 1.28 -9.22	30.72 1.30 -8.03	35.94 1.17 -14.67	45.42 1.67 -12.25	57.42 2.14 -18.38	49.16 2.04 -12.47	39.44 1.63 -9.17	37.33 1.30 -13.94	34.88 0.91 -17.92	32.25 1.03 -13.13
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	35.34 1.84 0.00	30.52 1.48 0.00	29.97 1.45 0.00	29.70 1.44 0.00	30.27 1.58 0.00	34.80 2.00 0.00	48.84 2.32 -8.50	63.42 2.47 -23.00	52.83 2.32 -13.13	39.74 2.26 -3.26	34.48 2.09 -2.88	31.81 1.92 -2.39	30.47 1.27 -10.18	30.03 1.34 -8.68	30.18 1.28 -9.22	30.72 1.30 -8.03	35.94 1.17 -14.67	45.42 1.67 -12.25	57.42 2.14 -18.38	49.16 2.04 -12.47	39.44 1.63 -9.17	37.33 1.30 -13.94	34.88 0.91 -17.92	32.25 1.03 -13.13
WHITEHAL_115KV_TB1 80871	35.97 2.48 0.00	31.01 1.97 0.00	30.71 2.20 0.00	30.58 2.32 0.00	31.08 2.38 0.00	35.95 3.15 0.00	53.90 4.03 -11.84	74.15 4.14 -32.07	59.80 4.11 -18.30	41.84 3.08 -4.55	35.76 2.24 -4.02	32.70 1.87 -3.33	34.38 1.18 -14.19	33.37 1.26 -12.10	33.65 1.12 -12.86	33.86 1.28 -11.19	41.85 1.29 -20.45	50.88 2.30 -17.08	65.40 2.88 -25.62	54.70 2.67 -17.39	43.57 2.15 -12.79	43.01 1.48 -19.44	41.93 0.90 -24.98	37.25 0.85 -18.31
WHITEPLN_13_KV_LOAD 356215	36.04 2.55 0.00	31.16 2.12 0.00	30.62 2.11 0.00	30.35 2.09 0.00	30.85 2.15 0.00	35.55 2.76 0.00	50.49 3.19 -9.28	66.33 3.26 -25.12	54.97 3.25 -14.33	40.93 3.15 -3.56	35.66 3.01 -3.15	32.74 2.64 -2.61	31.88 1.75 -11.11	31.31 1.82 -9.47	31.50 1.75 -10.07	32.01 1.86 -8.76	37.79 1.67 -16.02	47.28 2.39 -13.38	59.85 2.88 -20.07	51.03 2.77 -13.62	40.85 2.20 -10.02	39.06 1.74 -15.23	36.87 1.25 -19.57	33.88 1.45 -14.34
WM_FLOYD_69_KV_BK2 356380	39.33 5.09 -0.74	37.21 4.36 -3.82	34.52 4.48 -1.53	34.06 4.49 -1.30	37.19 4.65 -3.85	40.17 4.76 -2.61	53.29 5.97 -9.30	69.03 5.92 -25.16	57.76 6.02 -14.36	50.90 4.96 -11.72	44.56 5.61 -9.45	40.76 5.20 -8.07	36.82 3.42 -14.38	35.49 3.60 -11.88	35.97 3.60 -12.69	41.78 3.89 -16.50	44.41 3.52 -20.78	64.93 4.88 -28.54	88.53 4.80 -46.83	67.60 5.37 -27.58	52.77 4.41 -19.73	50.13 3.47 -24.58	45.40 2.60 -26.75	42.53 3.06 -21.38
WOODARD___115KV_TB2 355635	33.50 0.00 0.00	29.07 0.03 0.00	28.54 0.03 0.00	28.29 0.03 0.00	28.67 -0.03 0.00	32.70 -0.10 0.00	39.87 -0.04 -1.89	42.98 -0.08 -5.11	40.22 -0.04 -2.87	34.86 -0.07 -0.71	30.07 -0.06 -0.63	28.04 0.03 -0.52	21.34 0.10 -2.23	22.05 0.14 -1.90	21.83 0.14 -2.02	23.32 0.17 -1.76	23.42 0.10 -3.21	34.38 0.16 -2.72	41.06 0.07 -4.08	37.55 0.14 -2.77	30.78 0.11 -2.04	25.25 0.07 -3.10	20.12 0.10 -3.98	21.10 0.09 -2.92
YORK___WARBASSE 23770	36.41 2.91 0.00	31.33 2.29 0.00	30.77 2.25 0.00	30.46 2.20 0.00	31.08 2.38 0.00	35.82 3.02 0.00	50.28 2.97 -9.29	66.14 3.04 -25.16	54.66 2.92 -14.35	40.90 3.11 -3.57	35.69 3.04 -3.15	32.88 2.78 -2.61	31.97 1.83 -11.13	31.40 1.90 -9.49	31.55 1.79 -10.08	32.11 1.95 -8.78	37.96 1.81 -16.04	47.20 2.30 -13.40	59.73 2.73 -20.10	50.95 2.67 -13.64	40.72 2.06 -10.03	39.13 1.79 -15.25	37.04 1.40 -19.60	34.01 1.56 -14.36