

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

08/21/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	26.71	25.28	22.96	21.44	20.58	22.27	24.19	28.66	29.38	30.94	30.86	33.11	36.98	37.86	38.63	41.55	67.80	72.54	63.15	52.95	38.69	36.86	34.90	29.92
24138	0.81	0.70	0.66	0.62	0.62	0.78	0.94	1.37	1.74	2.08	2.09	2.24	2.67	2.81	3.12	3.37	2.86	3.57	3.36	3.04	2.46	2.12	1.80	1.32
	-9.26	-10.09	-8.03	-7.17	-6.08	-4.55	-4.78	-6.80	-4.18	-1.89	-0.55	-2.52	-0.57	0.00	-0.02	-0.31	-34.54	-30.62	-22.42	-13.29	-3.45	-7.55	-8.74	-5.44
74TH STREET_GT_1	26.76	25.34	23.00	21.47	20.61	22.30	24.19	28.64	29.36	30.91	30.83	33.09	36.91	37.83	38.56	41.48	67.83	72.57	63.15	52.99	38.65	36.86	34.92	29.95
24260	0.86	0.75	0.70	0.64	0.65	0.81	0.94	1.35	1.71	2.05	2.06	2.21	2.60	2.77	3.05	3.29	2.89	3.60	3.36	3.08	2.43	2.12	1.83	1.34
	-9.26	-10.09	-8.03	-7.17	-6.08	-4.55	-4.78	-6.80	-4.18	-1.89	-0.55	-2.52	-0.57	0.00	-0.02	-0.31	-34.54	-30.62	-22.42	-13.29	-3.45	-7.55	-8.74	-5.44
74TH STREET_GT_2	26.76	25.34	23.00	21.47	20.61	22.30	24.19	28.64	29.36	30.91	30.83	33.09	36.91	37.83	38.56	41.48	67.83	72.57	63.15	52.99	38.65	36.86	34.92	29.95
24261	0.86	0.75	0.70	0.64	0.65	0.81	0.94	1.35	1.71	2.05	2.06	2.21	2.60	2.77	3.05	3.29	2.89	3.60	3.36	3.08	2.43	2.12	1.83	1.34
	-9.26	-10.09	-8.03	-7.17	-6.08	-4.55	-4.78	-6.80	-4.18	-1.89	-0.55	-2.52	-0.57	0.00	-0.02	-0.31	-34.54	-30.62	-22.42	-13.29	-3.45	-7.55	-8.74	-5.44
ADK HUDSON___FALLS	29.15	27.93	25.08	23.35	22.22	23.49	25.38	29.72	29.59	30.20	29.86	32.48	34.79	36.85	37.56	39.96	69.41	73.02	63.15	53.36	39.76	37.41	35.72	30.75
24011	0.82	0.68	0.66	0.63	0.67	0.80	0.87	1.09	1.36	1.59	1.44	1.36	1.65	1.79	2.09	2.42	1.92	2.30	2.50	2.64	2.62	1.85	1.36	1.13
	-11.70	-12.76	-10.15	-9.06	-7.68	-5.75	-6.04	-8.14	-4.76	-1.64	-0.20	-2.76	0.61	0.00	0.02	0.34	-37.09	-32.37	-23.27	-14.11	-4.35	-8.37	-10.00	-6.45
ADK RESOURCE___RCVRY	29.69	28.42	25.54	23.79	22.65	24.05	25.57	29.95	29.88	30.53	30.21	32.80	35.13	37.23	37.98	40.45	69.83	73.49	63.67	53.86	40.22	37.77	35.97	30.98
23798	1.35	1.16	1.11	1.07	1.08	1.36	1.05	1.31	1.64	1.92	1.78	1.67	1.99	2.17	2.52	2.92	2.28	2.72	2.99	3.11	3.08	2.20	1.61	1.37
	-11.71	-12.77	-10.16	-9.06	-7.69	-5.75	-6.05	-8.15	-4.77	-1.64	-0.20	-2.77	0.60	0.00	0.02	0.33	-37.14	-32.42	-23.31	-14.13	-4.36	-8.38	-10.01	-6.46
ADK S GLENS___FALLS	29.15	27.93	25.08	23.35	22.22	23.49	25.38	29.72	29.59	30.20	29.86	32.48	34.79	36.85	37.56	39.96	69.41	73.02	63.15	53.36	39.76	37.41	35.72	30.75
24028	0.82	0.68	0.66	0.63	0.67	0.80	0.87	1.09	1.36	1.59	1.44	1.36	1.65	1.79	2.09	2.42	1.92	2.30	2.50	2.64	2.62	1.85	1.36	1.13
	-11.70	-12.76	-10.15	-9.06	-7.68	-5.75	-6.04	-8.14	-4.76	-1.64	-0.20	-2.76	0.61	0.00	0.02	0.34	-37.09	-32.37	-23.27	-14.11	-4.35	-8.37	-10.00	-6.45
ADK_NYS___DAM	28.39	27.20	24.47	22.79	21.66	22.96	24.76	28.75	28.67	29.14	29.21	31.91	33.76	36.39	36.96	38.88	64.24	68.20	59.00	50.54	38.52	35.84	34.42	29.81
23527	0.47	0.41	0.41	0.40	0.37	0.47	0.46	0.64	0.87	0.97	1.04	1.10	1.28	1.33	1.52	1.71	1.40	1.84	1.76	1.69	1.54	1.17	0.95	0.65
	-11.29	-12.30	-9.79	-8.73	-7.41	-5.54	-5.83	-7.63	-4.33	-1.20	0.06	-2.45	1.26	0.00	0.05	0.69	-32.44	-28.01	-19.88	-12.24	-4.20	-7.48	-9.11	-6.00
AIR_PRODUCTS___DRP	28.04	26.91	24.16	22.50	21.38	22.57	24.39	28.58	28.41	28.98	28.87	31.42	33.53	35.37	35.93	38.15	67.08	70.52	60.69	50.90	37.45	35.68	34.38	29.54
24190	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.18	0.31	0.38	0.42	0.37	0.30	0.32	0.46	0.57	0.43	0.50	0.52	0.48	0.46	0.33	0.29	0.12
	-11.32	-12.34	-9.82	-8.76	-7.44	-5.56	-5.85	-7.90	-4.64	-1.63	-0.22	-2.70	0.52	0.00	0.02	0.28	-36.25	-31.67	-22.80	-13.80	-4.21	-8.16	-9.73	-6.26
AKWESSNE_115KV_BK	1.05	1.56	1.04	1.54	1.25	1.59	2.68	3.06	4.07	7.92	8.38	6.93	12.81	12.86	16.62	12.96	4.12	4.15	10.00	10.05	12.81	8.97	11.37	7.73
355683	-2.59	-2.28	-2.23	-2.12	-2.11	-2.52	-2.73	-3.05	-3.54	-4.05	-4.15	-4.14	-5.03	-5.12	-5.15	-5.60	-4.44	-5.60	-5.46	-5.31	-4.52	-3.81	-3.36	-3.29
	12.99	10.66	11.00	10.01	10.52	12.83	13.06	14.38	15.85	15.01	15.70	17.29	15.91	17.08	13.72	19.30	21.84	28.60	21.92	21.26	15.45	14.41	9.63	12.14
ALBANY___1	28.04	26.91	24.16	22.50	21.38	22.57	24.39	28.58	28.41	28.98	28.87	31.42	33.53	35.37	35.93	38.15	67.08	70.52	60.69	50.90	37.45	35.68	34.38	29.54
23571	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.18	0.31	0.38	0.42	0.37	0.30	0.32	0.46	0.57	0.43	0.50	0.52	0.48	0.46	0.33	0.29	0.12
	-11.32	-12.34	-9.82	-8.76	-7.44	-5.56	-5.85	-7.90	-4.64	-1.63	-0.22	-2.70	0.52	0.00	0.02	0.28	-36.25	-31.67	-22.80	-13.80	-4.21	-8.16	-9.73	-6.26
ALBANY___2	28.04	26.91	24.16	22.50	21.38	22.57	24.39	28.58	28.41	28.98	28.87	31.42	33.53	35.37	35.93	38.15	67.08	70.52	60.69	50.90	37.45	35.68	34.38	29.54
23572	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.18	0.31	0.38	0.42	0.37	0.30	0.32	0.46	0.57	0.43	0.50	0.52	0.48	0.46	0.33	0.29	0.12
	-11.32	-12.34	-9.82	-8.76	-7.44	-5.56	-5.85	-7.90	-4.64	-1.63	-0.22	-2.70	0.52	0.00	0.02	0.28	-36.25	-31.67	-22.80	-13.80	-4.21	-8.16	-9.73	-6.26
ALBANY___3	28.04	26.91	24.16	22.50	21.38	22.57	24.39	28.58	28.41	28.98	28.87	31.42	33.53	35.37	35.93	38.15	67.08	70.52	60.69	50.90	37.45	35.68	34.38	29.54
23573	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.18	0.31	0.38	0.42	0.37	0.30	0.32	0.46	0.57	0.43	0.50	0.52	0.48	0.46	0.33	0.29	0.12
	-11.32	-12.34	-9.82	-8.76	-7.44	-5.56	-5.85	-7.90	-4.64	-1.63	-0.22	-2.70	0.52	0.00	0.02	0.28	-36.25	-31.67	-22.80	-13.80	-4.21	-8.16	-9.73	-6.26

ALBANY___4 23574	28.04 0.08 -11.32	26.91 0.07 -12.34	24.16 0.07 -9.82	22.50 0.07 -8.76	21.38 0.07 -7.44	22.57 0.07 -5.56	24.39 0.07 -5.85	28.58 0.18 -7.90	28.41 0.31 -4.64	28.98 0.38 -1.63	28.87 0.42 -0.22	31.42 0.37 -2.70	33.53 0.30 0.52	35.37 0.32 0.00	35.93 0.46 0.02	38.15 0.57 0.28	67.08 0.43 -36.25	70.52 0.50 -31.67	60.69 0.52 -22.80	50.90 0.48 -13.80	37.45 0.46 -4.21	35.68 0.33 -8.16	34.38 0.29 -9.73	29.54 0.12 -6.26
ALBANY___LFGE 323615	28.33 0.27 -11.43	27.19 0.23 -12.46	24.41 0.23 -9.92	22.73 0.22 -8.85	21.60 0.22 -7.51	22.81 0.25 -5.61	24.65 0.28 -5.90	28.89 0.43 -7.97	28.74 0.61 -4.67	29.32 0.73 -1.62	29.22 0.79 -0.21	31.80 0.74 -2.71	33.96 0.78 0.56	35.86 0.81 0.00	36.46 0.99 0.02	38.74 1.18 0.31	67.73 0.91 -36.41	71.22 1.07 -31.80	61.29 1.04 -22.87	51.46 0.99 -13.86	37.99 0.95 -4.25	36.10 0.71 -8.21	34.74 0.58 -9.80	29.87 0.39 -6.31
ALCOA_PA_115KV_PL-6C 55860	-0.11 -2.53 14.22	0.65 -2.22 11.63	0.06 -2.17 12.04	0.67 -2.06 10.93	0.94 -2.05 10.88	0.79 -2.46 13.70	1.76 -2.66 14.05	2.49 -2.97 15.04	3.37 -3.45 16.65	6.77 -3.96 16.24	7.18 -4.06 16.98	5.96 -4.08 18.31	11.53 -4.93 17.29	11.47 -5.05 18.54	15.40 -5.07 15.01	11.42 -5.53 20.92	3.61 -4.38 22.41	3.63 -5.52 29.20	8.38 -5.31 23.68	8.42 -5.16 23.04	11.48 -4.39 16.91	7.69 -3.73 15.77	10.53 -3.29 10.54	6.65 -3.22 13.29
ALCOA_RYNLDS___DRP 24188	-0.11 -2.53 14.22	0.65 -2.22 11.63	0.06 -2.17 12.04	0.67 -2.06 10.93	0.94 -2.05 10.88	0.79 -2.46 13.70	1.76 -2.66 14.05	2.49 -2.97 15.04	3.37 -3.45 16.65	6.77 -3.96 16.24	7.18 -4.06 16.98	5.96 -4.08 18.31	11.53 -4.93 17.29	11.47 -5.05 18.54	15.40 -5.07 15.01	11.42 -5.53 20.92	3.61 -4.38 22.41	3.63 -5.52 29.20	8.38 -5.31 23.68	8.42 -5.16 23.04	11.48 -4.39 16.91	7.69 -3.73 15.77	10.53 -3.29 10.54	6.65 -3.22 13.29
ALCOA___DSASP 323711	-0.11 -2.53 14.22	0.65 -2.22 11.63	0.06 -2.17 12.04	0.67 -2.06 10.93	0.93 -2.07 10.88	0.79 -2.46 13.70	1.76 -2.66 14.05	2.49 -2.97 15.04	3.37 -3.45 16.65	6.77 -3.96 16.24	7.18 -4.06 16.98	5.96 -4.08 18.31	11.53 -4.93 17.29	11.47 -5.05 18.54	15.40 -5.08 15.01	11.42 -5.53 20.92	3.61 -4.38 22.41	3.63 -5.52 29.20	8.38 -5.31 23.68	8.42 -5.16 23.04	11.48 -4.39 16.91	7.69 -3.72 15.77	10.53 -3.29 10.54	6.65 -3.22 13.29
ALLEGHENY___COGEN 23514	19.33 1.08 -1.61	17.18 0.93 -1.76	16.58 0.91 -1.40	15.79 0.88 -1.25	15.79 0.86 -1.06	18.78 1.03 -0.80	20.36 1.05 -0.85	22.56 0.90 -1.17	24.85 0.68 -0.70	27.84 0.59 -0.28	28.48 0.20 -0.06	28.71 -0.06 -0.41	33.10 -0.64 0.00	34.36 -0.70 0.00	34.71 -0.78 0.00	37.07 -0.80 0.00	35.46 -0.55 -5.61	42.82 -0.46 -4.93	41.02 0.07 -3.58	39.17 0.40 -2.15	34.18 0.79 -0.61	29.93 1.49 -1.24	27.14 1.31 -1.47	25.50 1.41 -0.93
ALTAMONT_115KV_TB 2 55880	28.27 0.32 -11.32	27.11 0.28 -12.34	24.36 0.27 -9.82	22.68 0.26 -8.76	21.57 0.26 -7.43	22.82 0.32 -5.56	24.65 0.33 -5.85	28.92 0.47 -7.95	28.80 0.63 -4.70	29.41 0.73 -1.71	29.27 0.76 -0.28	31.87 0.77 -2.75	34.16 0.78 0.36	35.86 0.81 0.00	36.40 0.92 0.01	38.69 1.02 0.20	68.21 0.79 -37.01	71.75 1.00 -32.41	61.77 1.01 -23.39	51.72 0.99 -14.11	37.91 0.92 -4.21	36.22 0.73 -8.30	34.87 0.66 -9.85	29.96 0.49 -6.31
ALTONA_WT_PWR 323606	0.35 -2.83 13.45	1.06 -2.41 11.03	0.55 -2.33 11.39	1.14 -2.17 10.35	1.11 -2.11 10.66	1.36 -2.42 13.16	2.41 -2.62 13.43	2.96 -2.91 14.63	4.03 -3.29 16.16	7.83 -3.67 15.47	8.37 -3.67 16.18	7.02 -3.66 17.68	12.96 -4.35 16.43	12.97 -4.45 17.63	16.84 -4.44 14.21	13.10 -4.85 19.92	4.48 -3.86 22.06	4.62 -4.91 28.82	10.04 -4.75 22.59	10.04 -4.65 21.93	12.98 -3.80 16.00	9.00 -3.26 14.93	11.53 -2.85 9.97	7.78 -2.80 12.58
AMERICAN_REF_FUEL 24010	18.17 0.08 -1.46	16.21 0.13 -1.59	15.63 0.10 -1.26	14.83 0.04 -1.13	14.82 -0.01 -0.96	17.63 -0.07 -0.75	18.84 -0.42 -0.79	20.89 -0.70 -1.09	23.49 -0.63 -0.66	26.48 -0.76 -0.26	27.27 -1.01 -0.06	27.53 -1.22 -0.39	33.07 -0.67 0.00	34.11 -0.94 0.00	34.00 -1.49 0.00	36.05 -1.82 0.00	34.20 -1.46 -5.26	41.02 -1.95 -4.63	38.86 -1.87 -3.36	37.02 -1.61 -2.01	31.85 -1.51 -0.57	27.32 -1.03 -1.17	25.02 -0.71 -1.37	23.87 -0.16 -0.87
ARKWRIGHT___SUMMIT_WT_PWR 323751	18.95 0.68 -1.63	16.95 0.68 -1.78	16.32 0.64 -1.41	15.54 0.62 -1.26	15.54 0.60 -1.07	18.39 0.61 -0.84	19.81 0.46 -0.88	22.14 0.43 -1.22	24.83 0.63 -0.73	28.07 0.81 -0.29	28.99 0.71 -0.06	29.38 0.60 -0.43	35.73 1.99 0.00	36.88 1.82 0.00	36.80 1.31 0.00	39.00 1.13 0.00	36.73 0.48 -5.84	43.87 0.38 -5.14	41.43 0.34 -3.73	39.47 0.62 -2.23	33.87 0.46 -0.63	29.08 0.60 -1.30	26.54 0.66 -1.53	25.03 0.90 -0.97
ARTHUR_KILL_GT_1 23520	26.82 0.91 -9.27	25.35 0.75 -10.10	22.94 0.64 -8.03	21.40 0.57 -7.17	20.55 0.60 -6.08	22.15 0.66 -4.55	24.01 0.76 -4.78	28.46 1.17 -6.80	29.09 1.46 -4.17	30.72 1.86 -1.89	30.60 1.83 -0.54	31.58 2.01 -1.21	32.37 2.36 3.73	32.74 2.45 4.77	34.16 2.73 4.06	34.33 2.88 6.42	52.51 2.68 -19.42	54.82 3.38 -13.10	47.15 3.10 -6.68	35.73 2.89 3.78	33.50 2.16 1.44	33.57 2.01 -4.37	31.60 1.78 -5.46	29.82 1.23 -5.43
ARTHUR_KILL_2 23512	26.77 0.86 -9.27	25.30 0.71 -10.10	22.90 0.60 -8.03	21.38 0.55 -7.17	20.51 0.56 -6.08	22.12 0.63 -4.55	23.97 0.72 -4.78	28.39 1.11 -6.80	29.02 1.38 -4.17	30.64 1.78 -1.89	30.51 1.75 -0.54	31.49 1.93 -1.21	32.24 2.23 3.73	32.64 2.35 4.77	34.05 2.63 4.06	34.18 2.73 6.42	52.35 2.52 -19.42	54.67 3.22 -13.10	47.00 2.95 -6.68	35.59 2.75 3.78	33.37 2.03 1.44	33.46 1.90 -4.37	31.50 1.68 -5.46	29.73 1.13 -5.43
ARTHUR_KILL_3 23513	26.52 0.63 -9.26	25.12 0.54 -10.09	22.80 0.50 -8.03	21.28 0.45 -7.17	20.42 0.47 -6.08	22.07 0.58 -4.55	23.99 0.74 -4.78	28.41 1.13 -6.80	29.10 1.46 -4.18	30.54 1.67 -1.89	30.47 1.69 -0.55	31.39 1.82 -1.22	32.08 2.06 3.72	32.47 2.17 4.76	33.92 2.48 4.05	34.15 2.69 6.41	52.21 2.37 -19.43	54.41 2.95 -13.11	46.78 2.73 -6.68	35.34 2.49 3.77	33.28 1.93 1.44	33.28 1.71 -4.38	31.29 1.46 -5.47	29.65 1.04 -5.44
ARTHUR_KILL_COGEN 323718	26.82 0.91 -9.27	25.35 0.75 -10.10	22.94 0.64 -8.03	21.40 0.57 -7.17	20.55 0.60 -6.08	22.15 0.66 -4.55	24.01 0.76 -4.78	28.46 1.17 -6.80	29.09 1.46 -4.17	30.72 1.86 -1.89	30.60 1.83 -0.54	31.58 2.01 -1.21	32.37 2.36 3.73	32.74 2.45 4.77	34.16 2.73 4.06	34.33 2.88 6.42	52.51 2.68 -19.42	54.82 3.38 -13.10	47.15 3.10 -6.68	35.73 2.89 3.78	33.50 2.16 1.44	33.57 2.01 -4.37	31.60 1.78 -5.46	29.82 1.23 -5.43
ASHOKAN____ 23654	26.84 -0.02 -10.22	25.60 -0.04 -11.15	23.08 -0.06 -8.87	21.52 -0.05 -7.91	20.53 -0.06 -6.71	21.93 -0.03 -5.02	23.86 0.11 -5.28	28.09 0.31 -7.29	28.13 0.28 -4.38	30.27 1.56 -1.74	30.18 1.58 -0.37	31.40 0.45 -2.59	35.50 1.75 0.00	35.90 0.84 0.00	36.62 1.14 0.00	40.48 2.61 0.00	67.85 2.34 -35.10	72.27 3.10 -30.82	62.91 3.17 -22.36	53.17 3.15 -13.41	37.73 1.15 -3.80	36.19 1.22 -7.78	34.15 0.63 -9.16	29.27 0.30 -5.81

ASTORIA_EAST_ENERGY_CC1 323581	26.75 0.85 -9.27	25.29 0.70 -10.10	22.95 0.64 -8.04	21.42 0.59 -7.17	20.57 0.61 -6.09	22.24 0.74 -4.55	24.10 0.85 -4.78	28.44 1.15 -6.80	29.02 1.38 -4.17	30.75 1.89 -1.89	30.66 1.89 -0.55	32.89 2.01 -2.52	36.54 2.23 -0.57	37.62 2.56 0.00	38.42 2.91 -0.02	41.22 3.03 -0.32	67.60 2.64 -34.55	72.31 3.33 -30.63	62.86 3.07 -22.43	52.81 2.89 -13.30	38.49 2.26 -3.45	36.78 2.04 -7.55	34.84 1.73 -8.75	29.91 1.30 -5.45
ASTORIA_EAST_ENERGY_CC2 323582	26.75 0.85 -9.27	25.29 0.70 -10.10	22.95 0.64 -8.04	21.42 0.59 -7.17	20.57 0.61 -6.09	22.24 0.74 -4.55	24.10 0.85 -4.78	28.44 1.15 -6.80	29.02 1.38 -4.17	30.75 1.89 -1.89	30.66 1.89 -0.55	32.89 2.01 -2.52	36.54 2.23 -0.57	37.62 2.56 0.00	38.42 2.91 -0.02	41.22 3.03 -0.32	67.60 2.64 -34.55	72.31 3.33 -30.63	62.86 3.07 -22.43	52.81 2.89 -13.30	38.49 2.26 -3.45	36.78 2.04 -7.55	34.84 1.73 -8.75	29.91 1.30 -5.45
ASTORIA_GT2_1 24094	26.77 0.86 -9.27	25.33 0.74 -10.10	22.98 0.67 -8.04	21.47 0.63 -7.17	20.60 0.64 -6.09	22.27 0.78 -4.55	24.10 0.85 -4.78	28.46 1.17 -6.80	29.03 1.38 -4.18	30.75 1.89 -1.89	30.69 1.92 -0.55	32.89 2.01 -2.52	36.51 2.19 -0.57	37.65 2.59 0.00	38.42 2.91 -0.02	41.22 3.03 -0.32	67.63 2.68 -34.55	72.35 3.37 -30.63	62.90 3.10 -22.43	52.81 2.89 -13.30	38.39 2.16 -3.45	36.81 2.07 -7.55	34.86 1.75 -8.75	29.91 1.30 -5.45
ASTORIA_GT2_2 24095	26.77 0.86 -9.27	25.33 0.74 -10.10	22.98 0.67 -8.04	21.47 0.63 -7.17	20.60 0.64 -6.09	22.27 0.78 -4.55	24.10 0.85 -4.78	28.46 1.17 -6.80	29.03 1.38 -4.18	30.75 1.89 -1.89	30.69 1.92 -0.55	32.89 2.01 -2.52	36.51 2.19 -0.57	37.65 2.59 0.00	38.42 2.91 -0.02	41.22 3.03 -0.32	67.63 2.68 -34.55	72.35 3.37 -30.63	62.90 3.10 -22.43	52.81 2.89 -13.30	38.39 2.16 -3.45	36.81 2.07 -7.55	34.86 1.75 -8.75	29.91 1.30 -5.45
ASTORIA_GT2_3 24096	26.77 0.86 -9.27	25.33 0.74 -10.10	22.98 0.67 -8.04	21.47 0.63 -7.17	20.60 0.64 -6.09	22.27 0.78 -4.55	24.10 0.85 -4.78	28.46 1.17 -6.80	29.03 1.38 -4.18	30.75 1.89 -1.89	30.69 1.92 -0.55	32.89 2.01 -2.52	36.51 2.19 -0.57	37.65 2.59 0.00	38.42 2.91 -0.02	41.22 3.03 -0.32	67.63 2.68 -34.55	72.35 3.37 -30.63	62.90 3.10 -22.43	52.81 2.89 -13.30	38.39 2.16 -3.45	36.81 2.07 -7.55	34.86 1.75 -8.75	29.91 1.30 -5.45
ASTORIA_GT2_4 24097	26.77 0.86 -9.27	25.33 0.74 -10.10	22.98 0.67 -8.04	21.47 0.63 -7.17	20.60 0.64 -6.09	22.27 0.78 -4.55	24.10 0.85 -4.78	28.46 1.17 -6.80	29.03 1.38 -4.18	30.75 1.89 -1.89	30.69 1.92 -0.55	32.89 2.01 -2.52	36.51 2.19 -0.57	37.65 2.59 0.00	38.42 2.91 -0.02	41.22 3.03 -0.32	67.63 2.68 -34.55	72.35 3.37 -30.63	62.90 3.10 -22.43	52.81 2.89 -13.30	38.39 2.16 -3.45	36.81 2.07 -7.55	34.86 1.75 -8.75	29.91 1.30 -5.45
ASTORIA_GT3_1 24098	26.77 0.86 -9.27	25.33 0.74 -10.10	22.98 0.67 -8.04	21.47 0.63 -7.17	20.60 0.64 -6.09	22.27 0.78 -4.55	24.10 0.85 -4.78	28.46 1.17 -6.80	29.03 1.38 -4.18	30.75 1.89 -1.89	30.69 1.92 -0.55	32.89 2.01 -2.52	36.51 2.19 -0.57	37.65 2.59 0.00	38.42 2.91 -0.02	41.22 3.03 -0.32	67.63 2.68 -34.55	72.35 3.37 -30.63	62.90 3.10 -22.43	52.81 2.89 -13.30	38.39 2.16 -3.45	36.81 2.07 -7.55	34.86 1.75 -8.75	29.91 1.30 -5.45
ASTORIA_GT3_2 24099	26.77 0.86 -9.27																							

ASTORIA_GT_10 24110	26.71 0.82 -9.26	25.27 0.68 -10.09	22.91 0.61 -8.03	21.40 0.57 -7.17	20.54 0.58 -6.08	22.20 0.71 -4.55	24.06 0.81 -4.78	28.50 1.21 -6.80	29.17 1.53 -4.18	30.78 1.91 -1.89	30.69 1.92 -0.55	32.92 2.04 -2.52	36.58 2.26 -0.57	37.58 2.52 0.00	38.31 2.80 -0.02	41.10 2.92 -0.31	67.50 2.55 -34.54	72.19 3.22 -30.62	62.70 2.91 -22.42	52.62 2.71 -13.29	38.33 2.10 -3.45	36.67 1.93 -7.55	34.78 1.68 -8.74	29.83 1.23 -5.44
ASTORIA_GT_11 24225	26.71 0.82 -9.26	25.27 0.68 -10.09	22.91 0.61 -8.03	21.40 0.57 -7.17	20.54 0.58 -6.08	22.20 0.71 -4.55	24.06 0.81 -4.78	28.50 1.21 -6.80	29.17 1.53 -4.18	30.78 1.91 -1.89	30.69 1.92 -0.55	32.92 2.04 -2.52	36.58 2.26 -0.57	37.58 2.52 0.00	38.31 2.80 -0.02	41.10 2.92 -0.31	67.50 2.55 -34.54	72.19 3.22 -30.62	62.70 2.91 -22.42	52.62 2.71 -13.29	38.33 2.10 -3.45	36.67 1.93 -7.55	34.78 1.68 -8.74	29.83 1.23 -5.44
ASTORIA_GT_12 24226	26.71 0.82 -9.26	25.27 0.68 -10.09	22.91 0.61 -8.03	21.40 0.57 -7.17	20.54 0.58 -6.08	22.20 0.71 -4.55	24.06 0.81 -4.78	28.50 1.21 -6.80	29.17 1.53 -4.18	30.78 1.91 -1.89	30.69 1.92 -0.55	32.92 2.04 -2.52	36.58 2.26 -0.57	37.58 2.52 0.00	38.31 2.80 -0.02	41.10 2.92 -0.31	67.50 2.55 -34.54	72.19 3.22 -30.62	62.70 2.91 -22.42	52.62 2.71 -13.29	38.33 2.10 -3.45	36.67 1.93 -7.55	34.78 1.68 -8.74	29.83 1.23 -5.44
ASTORIA_GT_13 24227	26.71 0.82 -9.26	25.27 0.68 -10.09	22.91 0.61 -8.03	21.40 0.57 -7.17	20.54 0.58 -6.08	22.20 0.71 -4.55	24.06 0.81 -4.78	28.50 1.21 -6.80	29.17 1.53 -4.18	30.78 1.91 -1.89	30.69 1.92 -0.55	32.92 2.04 -2.52	36.58 2.26 -0.57	37.58 2.52 0.00	38.31 2.80 -0.02	41.10 2.92 -0.31	67.50 2.55 -34.54	72.19 3.22 -30.62	62.70 2.91 -22.42	52.62 2.71 -13.29	38.33 2.10 -3.45	36.67 1.93 -7.55	34.78 1.68 -8.74	29.83 1.23 -5.44
ASTORIA_GT_5 24106	26.78 0.88 -9.27	25.32 0.72 -10.10	22.98 0.67 -8.04	21.47 0.63 -7.17	20.61 0.65 -6.09	22.27 0.78 -4.55	24.14 0.89 -4.78	28.50 1.21 -6.80	29.10 1.46 -4.17	30.83 1.97 -1.89	30.75 1.98 -0.55	32.97 2.10 -2.52	36.64 2.33 -0.57	37.72 2.66 0.00	38.52 3.01 -0.02	41.33 3.14 -0.32	67.72 2.77 -34.55	72.47 3.49 -30.63	63.01 3.21 -22.43	52.92 3.00 -13.30	38.59 2.36 -3.45	36.87 2.12 -7.55	34.91 1.80 -8.75	29.95 1.34 -5.45
ASTORIA_GT_7 24107	26.78 0.88 -9.27	25.32 0.72 -10.10	22.98 0.67 -8.04	21.47 0.63 -7.17	20.61 0.65 -6.09	22.27 0.78 -4.55	24.14 0.89 -4.78	28.50 1.21 -6.80	29.10 1.46 -4.17	30.83 1.97 -1.89	30.75 1.98 -0.55	32.97 2.10 -2.52	36.64 2.33 -0.57	37.72 2.66 0.00	38.52 3.01 -0.02	41.33 3.14 -0.32	67.72 2.77 -34.55	72.47 3.49 -30.63	63.01 3.21 -22.43	52.92 3.00 -13.30	38.59 2.36 -3.45	36.87 2.12 -7.55	34.91 1.80 -8.75	29.95 1.34 -5.45
ASTORIA_GT_8 24108	26.80 0.90 -9.27	25.35 0.75 -10.10	23.01 0.70 -8.04	21.48 0.64 -7.17	20.61 0.65 -6.09	22.30 0.81 -4.55	24.14 0.89 -4.78	28.50 1.21 -6.80	29.10 1.46 -4.18	30.83 1.97 -1.89	30.75 1.98 -0.55	32.97 2.10 -2.52	36.61 2.29 -0.57	37.72 2.66 0.00	38.53 3.02 -0.02	41.33 3.14 -0.32	67.72 2.77 -34.55	72.47 3.49 -30.63	63.01 3.21 -22.43	52.92 3.00 -13.30	38.46 2.23 -3.45	36.87 2.12 -7.55	34.91 1.80 -8.75	29.95 1.34 -5.45
ASTORIA___2 24149	26.75 0.85 -9.27	25.29 0.70 -10.10	22.95 0.64 -8.04	21.44 0.60 -7.17	20.59 0.62 -6.09	22.24 0.74 -4.55	24.10 0.85 -4.78	28.46 1.17 -6.80	29.02 1.38 -4.17	30.75 1.89 -1.89	30.69 1.92 -0.55	32.89 2.01 -2.52	36.54 2.23 -0.57	37.65 2.59 0.00	38.42 2.91 -0.02	41.22 3.03 -0.32	67.63 2.68 -34.55	72.35 3.38 -30.63	62.90 3.10 -22.43	52.81 2.89 -13.30	38.49 2.26 -3.45	36.81 2.07 -7.55	34.86 1.75 -8.75	29.91 1.30 -5.45
ASTORIA___3 23516	26.69 0.80 -9.26	25.24 0.65 -10.09	22.90 0.60 -8.03	21.38 0.55 -7.17	20.52 0.57 -6.08	22.17 0.68 -4.55	24.06 0.81 -4.78	28.50 1.21 -6.80	29.17 1.52 -4.18	30.78 1.92 -1.89	30.69 1.92 -0.55	32.92 2.04 -2.52	36.61 2.30 -0.57	37.55 2.49 0.00	38.31 2.80 -0.02	41.10 2.92 -0.31	67.50 2.55 -34.54	72.19 3.22 -30.62	62.71 2.92 -22.42	52.62 2.71 -13.29	38.39 2.16 -3.45	36.67 1.93 -7.55	34.78 1.68 -8.74	29.83 1.23 -5.44
ASTORIA___4 23517	26.71 0.82 -9.26	25.27 0.68 -10.09	22.91 0.61 -8.03	21.40 0.57 -7.17	20.54 0.58 -6.08	22.20 0.71 -4.55	24.06 0.81 -4.78	28.50 1.21 -6.80	29.17 1.53 -4.18	30.78 1.91 -1.89	30.69 1.92 -0.55	32.92 2.04 -2.52	36.58 2.26 -0.57	37.58 2.52 0.00	38.31 2.80 -0.02	41.10 2.92 -0.31	67.50 2.55 -34.54	72.19 3.22 -30.62	62.70 2.91 -22.42	52.62 2.71 -13.29	38.33 2.10 -3.45	36.67 1.93 -7.55	34.78 1.68 -8.74	29.83 1.23 -5.44
ASTORIA___5 23518	26.69 0.80 -9.26	25.24 0.65 -10.09	22.90 0.60 -8.03	21.38 0.55 -7.17	20.52 0.57 -6.08	22.17 0.68 -4.55	24.06 0.81 -4.78	28.50 1.21 -6.80	29.17 1.52 -4.18	30.78 1.92 -1.89	30.69 1.92 -0.55	32.92 2.04 -2.52	36.61 2.30 -0.57	37.55 2.49 0.00	38.31 2.80 -0.02	41.10 2.92 -0.31	67.50 2.55 -34.54	72.19 3.22 -30.62	62.71 2.92 -22.42	52.62 2.71 -13.29	38.39 2.16 -3.45	36.67 1.93 -7.55	34.78 1.68 -8.74	29.83 1.23 -5.44
AST_ENERGY_2_CC3 323677	26.59 0.70 -9.26	25.17 0.58 -10.09	22.84 0.54 -8.03	21.33 0.51 -7.17	20.48 0.53 -6.08	22.13 0.64 -4.55	24.03 0.78 -4.78	28.44 1.15 -6.80	29.13 1.48 -4.18	30.64 1.78 -1.89	30.55 1.78 -0.55	32.80 1.93 -2.52	36.54 2.23 -0.57	37.44 2.39 0.00	38.17 2.66 -0.02	41.06 2.88 -0.31	67.47 2.52 -34.54	72.15 3.18 -30.62	62.74 2.95 -22.42	52.58 2.67 -13.29	38.33 2.10 -3.45	36.59 1.85 -7.55	34.68 1.58 -8.74	29.74 1.13 -5.44
AST_ENERGY_2_CC4 323678	26.59 0.70 -9.26	25.17 0.58 -10.09	22.84 0.54 -8.03	21.33 0.51 -7.17	20.48 0.53 -6.08	22.13 0.64 -4.55	24.03 0.78 -4.78	28.44 1.15 -6.80	29.13 1.48 -4.18	30.64 1.78 -1.89	30.55 1.78 -0.55	32.80 1.93 -2.52	36.54 2.23 -0.57	37.44 2.39 0.00	38.17 2.66 -0.02	41.06 2.88 -0.31	67.47 2.52 -34.54	72.15 3.18 -30.62	62.74 2.95 -22.42	52.58 2.67 -13.29	38.33 2.10 -3.45	36.59 1.85 -7.55	34.68 1.58 -8.74	29.74 1.13 -5.44
ATHENS_STG_1 23668	27.19 0.40 -10.15	25.91 0.35 -11.07	23.42 0.34 -8.81	21.83 0.31 -7.86	20.86 0.32 -6.67	22.32 0.39 -4.98	24.14 0.43 -5.24	28.41 0.61 -7.31	28.68 0.80 -4.41	29.75 0.94 -1.83	29.63 0.96 -0.44	31.95 0.96 -2.63	34.99 1.05 -0.19	36.07 1.02 0.00	36.63 1.14 -0.01	39.22 1.25 -0.11	67.16 1.00 -35.75	71.14 1.26 -31.53	61.51 1.20 -22.94	51.50 1.17 -13.71	37.58 1.02 -3.78	35.98 0.90 -7.90	34.43 0.83 -9.25	29.61 0.63 -5.83
ATHENS_STG_2 23670	27.19 0.40 -10.15	25.91 0.35 -11.07	23.42 0.34 -8.81	21.83 0.31 -7.86	20.86 0.32 -6.67	22.32 0.39 -4.98	24.14 0.43 -5.24	28.41 0.61 -7.31	28.68 0.80 -4.41	29.75 0.94 -1.83	29.63 0.96 -0.44	31.95 0.96 -2.63	34.99 1.05 -0.19	36.07 1.02 0.00	36.63 1.14 -0.01	39.22 1.25 -0.11	67.16 1.00 -35.75	71.14 1.26 -31.53	61.51 1.20 -22.94	51.50 1.17 -13.71	37.58 1.02 -3.78	35.98 0.90 -7.90	34.43 0.83 -9.25	29.61 0.63 -5.83

ATHENS_STG_3 23677	27.19 0.40 -10.15	25.91 0.35 -11.07	23.42 0.34 -8.81	21.83 0.31 -7.86	20.86 0.32 -6.67	22.32 0.39 -4.98	24.14 0.43 -5.24	28.41 0.61 -7.31	28.68 0.80 -4.41	29.75 0.94 -1.83	29.63 0.96 -0.44	31.95 0.96 -2.63	34.99 1.05 -0.19	36.07 1.02 0.00	36.63 1.14 -0.01	39.22 1.25 -0.11	67.16 1.00 -35.75	71.14 1.26 -31.53	61.51 1.20 -22.94	51.50 1.17 -13.71	37.58 1.02 -3.78	35.98 0.90 -7.90	34.43 0.83 -9.25	29.61 0.63 -5.83
AUBURN___LFG 323710	18.31 0.47 -1.21	16.20 0.39 -1.32	15.70 0.39 -1.05	14.97 0.37 -0.94	15.04 0.37 -0.79	18.03 0.49 -0.59	19.52 0.42 -0.63	21.79 0.43 -0.87	24.46 0.47 -0.52	27.74 0.57 -0.21	28.89 0.62 -0.04	29.29 0.62 -0.31	34.62 0.88 0.00	35.97 0.91 0.00	36.23 0.75 0.00	38.74 0.87 0.00	35.17 0.61 -4.16	42.81 0.81 -3.66	40.77 0.75 -2.65	38.91 0.70 -1.59	33.86 0.62 -0.45	28.63 0.52 -0.92	25.83 0.39 -1.09	24.29 0.44 -0.69
BABYLON_RES_REC 323704	31.32 1.28 -13.41	26.36 1.12 -10.75	24.37 1.08 -9.02	21.84 1.01 -7.17	21.00 1.04 -6.09	25.49 1.25 -7.29	27.08 1.39 -7.22	29.05 1.76 -6.80	29.87 2.21 -4.20	32.07 2.53 -2.57	35.03 2.48 -4.32	36.26 2.66 -5.24	39.65 2.87 -3.04	43.66 2.84 -5.76	66.97 2.98 -28.50	63.73 3.22 -22.64	79.41 2.62 -46.39	89.22 3.22 -47.65	77.49 3.03 -37.10	57.56 2.82 -18.12	44.24 2.52 -8.94	39.36 2.34 -9.83	39.07 2.34 -12.37	35.18 1.83 -10.19
BABYLON__69_KV_BK2 356345	31.57 1.53 -13.41	26.59 1.35 -10.75	24.59 1.30 -9.02	22.05 1.22 -7.17	21.20 1.25 -6.08	25.74 1.51 -7.29	27.35 1.66 -7.22	29.34 2.05 -6.80	30.22 2.56 -4.20	32.56 3.02 -2.57	35.59 2.99 -4.37	37.40 3.20 -5.84	45.96 3.75 -8.47	57.37 3.79 -18.52	78.07 4.01 -38.57	76.50 4.32 -34.32	111.36 3.50 -77.46	134.98 4.30 -92.33	117.02 4.04 -75.62	71.21 3.81 -30.78	59.22 3.44 -23.00	45.97 2.96 -15.81	44.84 2.78 -17.71	35.61 2.25 -10.20
BARON_WINDS___WT_PWR 323822	18.98 0.30 -2.05	17.00 0.27 -2.23	16.32 0.27 -1.78	15.52 0.27 -1.59	15.47 0.25 -1.35	18.23 0.25 -1.03	19.73 0.18 -1.08	22.15 0.16 -1.49	24.62 0.26 -0.89	27.65 0.32 -0.35	28.58 0.28 -0.08	29.06 0.17 -0.53	34.79 1.05 0.00	36.00 0.95 0.00	36.09 0.60 0.00	38.44 0.57 0.00	37.66 0.09 -7.17	44.73 0.08 -6.31	42.02 0.07 -4.58	39.58 0.22 -2.74	33.72 0.16 -0.78	29.13 0.35 -1.59	26.55 0.32 -1.87	24.84 0.49 -1.19
BARRETT_IC_1 23704	31.04 1.00 -13.41	26.10 0.85 -10.75	24.13 0.84 -9.02	21.62 0.79 -7.17	20.80 0.83 -6.09	25.20 0.97 -7.29	26.76 1.07 -7.22	28.64 1.35 -6.80	29.40 1.74 -4.20	31.45 1.92 -2.57	34.35 1.83 -4.29	35.41 2.04 -5.01	36.78 2.46 -0.57	38.52 2.56 -0.90	62.96 2.80 -24.67	59.10 3.03 -18.20	67.32 2.37 -34.54	71.88 2.91 -30.62	62.48 2.69 -22.42	52.44 2.52 -13.30	38.69 2.33 -3.58	36.78 2.04 -7.55	36.26 1.95 -9.95	34.84 1.48 -10.19
BARRETT_IC_10 23701	31.04 1.00 -13.41	26.10 0.85 -10.75	24.13 0.84 -9.02	21.62 0.79 -7.17	20.80 0.83 -6.09	25.20 0.97 -7.29	26.76 1.07 -7.22	28.64 1.35 -6.80	29.40 1.74 -4.20	31.45 1.92 -2.57	34.35 1.83 -4.29	35.41 2.04 -5.01	36.78 2.46 -0.57	38.52 2.56 -0.90	62.96 2.80 -24.67	59.10 3.03 -18.20	67.32 2.37 -34.54	71.88 2.91 -30.62	62.48 2.69 -22.42	52.44 2.52 -13.30	38.69 2.33 -3.58	36.78 2.04 -7.55	36.26 1.95 -9.95	34.84 1.48 -10.19
BARRETT_IC_11 23702	31.04 1.00 -13.41	26.10 0.85 -10.75	24.13 0.84 -9.02	21.62 0.79 -7.17	20.80 0.83 -6.09	25.20 0.97 -7.29	26.76 1.07 -7.22	28.64 1.35 -6.80	29.40 1.74 -4.20	31.45 1.92 -2.57	34.35 1.83 -4.29	35.41 2.04 -5.01	36.78 2.46 -0.57	38.52 2.56 -0.90	62.96 2.80 -24.67	59.10 3.03 -18.20	67.32 2.37 -34.54	71.88 2.91 -30.62	62.48 2.69 -22.42	52.44 2.52 -13.30	38.69 2.33 -3.58	36.78 2.04 -7.55	36.26 1.95 -9.95	34.84 1.48 -10.19
BARRETT_IC_12 23703	31.04 1.00 -13.41	26.10 0.85 -10.75	24.13 0.84 -9.02	21.62 0.79 -7.17	20.80 0.83 -6.09	25.20 0.97 -7.29	26.76 1.07 -7.22	28.64 1.35 -6.80	29.40 1.74 -4.20	31.45 1.92 -2.57	34.35 1.83 -4.29	35.41 2.04 -5.01	36.78 2.46 -0.57	38.52 2.56 -0.90	62.96 2.80 -24.67	59.10 3.03 -18.20	67.32 2.37 -34.54	71.88 2.91 -30.62	62.48 2.69 -22.42	52.44 2.52 -13.30	38.69 2.33 -3.58	36.78 2.04 -7.55	36.26 1.95 -9.95	34.84 1.48 -10.19
BARRETT_IC_2 23705	31.04 1.00 -13.41	26.10 0.85 -10.75	24.13 0.84 -9.02	21.62 0.79 -7.17	20.80 0.83 -6.09	25.20 0.97 -7.29	26.76 1.07 -7.22	28.64 1.35 -6.80	29.40 1.74 -4.20	31.45 1.92 -2.57	34.35 1.83 -4.29	35.41 2.04 -5.01	36.78 2.46 -0.57	38.52 2.56 -0.90	62.96 2.80 -24.67	59.10 3.03 -18.20	67.32 2.37 -34.54	71.88 2.91 -30.62	62.48 2.69 -22.42	52.44 2.52 -13.30	38.69 2.33 -3.58	36.78 2.04 -7.55	36.26 1.95 -9.95	34.84 1.48 -10.19
BARRETT_IC_3 23706	31.04 1.00 -13.41	26.10 0.85 -10.75	24.13 0.84 -9.02	21.62 0.79 -7.17	20.80 0.83 -6.09	25.20 0.97 -7.29	26.76 1.07 -7.22	28.64 1.35 -6.80	29.40 1.74 -4.20	31.45 1.92 -2.57	34.35 1.83 -4.29	35.41 2.04 -5.01	36.78 2.46 -0.57	38.52 2.56 -0.90	62.96 2.80 -24.67	59.10 3.03 -18.20	67.32 2.37 -34.54	71.88 2.91 -30.62	62.48 2.69 -22.42	52.44 2.52 -13.30	38.69 2.33 -3.58	36.78 2.04 -7.55	36.26 1.95 -9.95	34.84 1.48 -10.19
BARRETT_IC_4 23707	31.04 1.00 -13.41	26.10 0.85 -10.75	24.13 0.84 -9.02	21.62 0.79 -7.17	20.80 0.83 -6.09	25.20 0.97 -7.29	26.76 1.07 -7.22	28.64 1.35 -6.80	29.40 1.74 -4.20	31.45 1.92 -2.57	34.35 1.83 -4.29	35.41 2.04 -5.01	36.78 2.46 -0.57	38.52 2.56 -0.90	62.96 2.80 -24.67	59.10 3.03 -18.20	67.32 2.37 -34.54	71.88 2.91 -30.62	62.48 2.69 -22.42	52.44 2.52 -13.30	38.69 2.33 -3.58	36.78 2.04 -7.55	36.26 1.95 -9.95	34.84 1.48 -10.19
BARRETT_IC_5 23708	31.04 1.00 -13.41	26.10 0.85 -10.75	24.13 0.84 -9.02	21.62 0.79 -7.17	20.80 0.83 -6.09	25.20 0.97 -7.29	26.76 1.07 -7.22	28.64 1.35 -6.80	29.40 1.74 -4.20	31.45 1.92 -2.57	34.35 1.83 -4.29	35.41 2.04 -5.01	36.78 2.46 -0.57	38.52 2.56 -0.90	62.96 2.80 -24.67	59.10 3.03 -18.20	67.32 2.37 -34.54	71.88 2.91 -30.62	62.48 2.69 -22.42	52.44 2.52 -13.30	38.69 2.33 -3.58	36.78 2.04 -7.55	36.26 1.95 -9.95	34.84 1.48 -10.19
BARRETT_IC_6 23709	31.04 1.00 -13.41	26.10 0.85 -10.75	24.13 0.84 -9.02	21.62 0.79 -7.17	20.80 0.83 -6.09	25.20 0.97 -7.29	26.76 1.07 -7.22	28.64 1.35 -6.80	29.40 1.74 -4.20	31.45 1.92 -2.57	34.35 1.83 -4.29	35.41 2.04 -5.01	36.78 2.46 -0.57	38.52 2.56 -0.90	62.96 2.80 -24.67	59.10 3.03 -18.20	67.32 2.37 -34.54	71.88 2.91 -30.62	62.48 2.69 -22.42	52.44 2.52 -13.30	38.69 2.33 -3.58	36.78 2.04 -7.55	36.26 1.95 -9.95	34.84 1.48 -10.19
BARRETT_IC_7 23710	31.06 1.01 -13.41	26.13 0.88 -10.75	24.16 0.87 -9.02	21.65 0.82 -7.17	20.79 0.83 -6.08	25.23 1.00 -7.29	26.76 1.07 -7.22	28.64 1.35 -6.80	29.40 1.74 -4.20	31.43 1.89 -2.57	34.35 1.83 -4.29	35.40 2.04 -5.01	36.71 2.40 -0.57	38.52 2.56 -0.90	62.96 2.80 -24.67	59.09 3.03 -18.20	67.33 2.37 -34.55	71.89 2.91 -30.63	62.49 2.69 -22.43	52.44 2.53 -13.30	38.66 2.29 -3.58	36.78 2.04 -7.55	36.25 1.95 -9.94	34.83 1.48 -10.19

BARRETT_IC_8 23711	31.04 1.00 -13.41	26.10 0.85 -10.75	24.13 0.84 -9.02	21.62 0.79 -7.17	20.80 0.83 -6.09	25.20 0.97 -7.29	26.76 1.07 -7.22	28.64 1.35 -6.80	29.40 1.74 -4.20	31.45 1.92 -2.57	34.35 1.83 -4.29	35.41 2.04 -5.01	36.78 2.46 -0.57	38.52 2.56 -0.90	62.96 2.80 -24.67	59.10 3.03 -18.20	67.32 2.37 -34.54	71.88 2.91 -30.62	62.48 2.69 -22.42	52.44 2.52 -13.30	38.69 2.33 -3.58	36.78 2.04 -7.55	36.26 1.95 -9.95	34.84 1.48 -10.19
BARRETT_IC_9 23700	31.04 1.00 -13.41	26.10 0.85 -10.75	24.13 0.84 -9.02	21.62 0.79 -7.17	20.80 0.83 -6.09	25.20 0.97 -7.29	26.76 1.07 -7.22	28.64 1.35 -6.80	29.40 1.74 -4.20	31.45 1.92 -2.57	34.35 1.83 -4.29	35.41 2.04 -5.01	36.78 2.46 -0.57	38.52 2.56 -0.90	62.96 2.80 -24.67	59.10 3.03 -18.20	67.32 2.37 -34.54	71.88 2.91 -30.62	62.48 2.69 -22.42	52.44 2.52 -13.30	38.69 2.33 -3.58	36.78 2.04 -7.55	36.26 1.95 -9.95	34.84 1.48 -10.19
BARRETT___1 23545	31.04 1.00 -13.41	26.10 0.85 -10.75	24.13 0.84 -9.02	21.62 0.79 -7.17	20.80 0.83 -6.09	25.20 0.97 -7.29	26.76 1.07 -7.22	28.64 1.35 -6.80	29.40 1.74 -4.20	31.45 1.92 -2.57	34.35 1.83 -4.29	35.41 2.04 -5.01	36.78 2.46 -0.57	38.52 2.56 -0.90	62.96 2.80 -24.67	59.10 3.03 -18.20	67.32 2.37 -34.54	71.88 2.91 -30.62	62.48 2.69 -22.42	52.44 2.52 -13.30	38.69 2.33 -3.58	36.78 2.04 -7.55	36.26 1.95 -9.95	34.84 1.48 -10.19
BARRETT___2 23546	31.04 1.00 -13.41	26.10 0.85 -10.75	24.13 0.84 -9.02	21.62 0.79 -7.17	20.80 0.83 -6.09	25.20 0.97 -7.29	26.76 1.07 -7.22	28.64 1.35 -6.80	29.40 1.74 -4.20	31.45 1.92 -2.57	34.35 1.83 -4.29	35.41 2.04 -5.01	36.78 2.46 -0.57	38.52 2.56 -0.90	62.96 2.80 -24.67	59.10 3.03 -18.20	67.32 2.37 -34.54	71.88 2.91 -30.62	62.48 2.69 -22.42	52.44 2.52 -13.30	38.69 2.33 -3.58	36.78 2.04 -7.55	36.26 1.95 -9.95	34.84 1.48 -10.19
BATAVIA___115KV_TB1 55881	18.66 0.68 -1.35	16.56 0.59 -1.47	16.01 0.57 -1.17	15.22 0.52 -1.04	15.24 0.49 -0.88	18.17 0.54 -0.68	19.59 0.41 -0.72	21.82 0.33 -0.99	24.53 0.47 -0.60	27.72 0.51 -0.24	28.67 0.40 -0.05	28.91 0.20 -0.35	34.62 0.88 0.00	35.72 0.67 0.00	35.70 0.21 0.00	37.91 0.04 0.00	35.15 -0.03 -4.78	42.47 -0.08 -4.20	40.34 -0.07 -3.05	38.56 0.11 -1.83	33.63 0.33 -0.52	28.55 0.30 -1.06	26.02 0.41 -1.25	24.72 0.76 -0.79
BAYONEEC___CTG1 323682	26.61 0.71 -9.26	25.18 0.59 -10.09	22.86 0.56 -8.03	21.35 0.52 -7.17	20.48 0.53 -6.08	22.13 0.64 -4.55	24.04 0.79 -4.78	28.48 1.19 -6.80	29.17 1.52 -4.18	30.67 1.81 -1.89	30.58 1.81 -0.55	32.83 1.96 -2.52	36.58 2.26 -0.57	37.44 2.39 0.00	38.17 2.66 -0.02	41.06 2.88 -0.31	67.47 2.52 -34.54	72.15 3.18 -30.62	62.74 2.95 -22.42	52.58 2.67 -13.29	38.33 2.10 -3.45	36.59 1.85 -7.55	34.71 1.61 -8.74	29.76 1.16 -5.44
BAYONEEC___CTG10 323750	26.61 0.71 -9.26	25.18 0.59 -10.09	22.86 0.56 -8.03	21.35 0.52 -7.17	20.48 0.53 -6.08	22.13 0.64 -4.55	24.04 0.79 -4.78	28.48 1.19 -6.80	29.17 1.52 -4.18	30.67 1.81 -1.89	30.58 1.81 -0.55	32.83 1.96 -2.52	36.58 2.26 -0.57	37.44 2.39 0.00	38.17 2.66 -0.02	41.06 2.88 -0.31	67.47 2.52 -34.54	72.15 3.18 -30.62	62.74 2.95 -22.42	52.58 2.67 -13.29	38.33 2.10 -3.45	36.59 1.85 -7.55	34.71 1.61 -8.74	29.76 1.16 -5.44
BAYONEEC___CTG2 323683	26.61 0.71 -9.26	25.18 0.59 -10.09	22.86 0.56 -8.03	21.35 0.52 -7.17	20.48 0.53 -6.08	22.13 0.64 -4.55	24.04 0.79 -4.78	28.48 1.19 -6.80	29.17 1.52 -4.18	30.67 1.81 -1.89	30.58 1.81 -0.55	32.83 1.96 -2.52	36.58 2.26 -0.57	37.44 2.39 0.00	38.17 2.66 -0.02	41.06 2.88 -0.31	67.47 2.52 -34.54	72.15 3.18 -30.62	62.74 2.95 -22.42	52.58 2.67 -13.29	38.33 2.10 -3.45	36.59 1.85 -7.55	34.71 1.61 -8.74	29.76 1.16 -5.44
BAYONEEC___CTG3 323684	26.61 0.71 -9.26	25.18 0.59 -10.09	22.86 0.56 -8.03	21.35 0.52 -7.17	20.48 0.53 -6.08	22.13 0.64 -4.55	24.04 0.79 -4.78	28.48 1.19 -6.80	29.17 1.52 -4.18	30.67 1.81 -1.89	30.58 1.81 -0.55	32.83 1.96 -2.52	36.58 2.26 -0.57	37.44 2.39 0.00	38.17 2.66 -0.02	41.06 2.88 -0.31	67.47 2.52 -34.54	72.15 3.18 -30.62	62.74 2.95 -22.42	52.58 2.67 -13.29	38.33 2.10 -3.45	36.59 1.85 -7.55	34.71 1.61 -8.74	29.76 1.16 -5.44
BAYONEEC___CTG4 323685	26.61 0.71 -9.26	25.18 0.59 -10.09	22.86 0.56 -8.03	21.35 0.52 -7.17	20.48 0.53 -6.08	22.13 0.64 -4.55	24.04 0.79 -4.78	28.48 1.19 -6.80	29.17 1.52 -4.18	30.67 1.81 -1.89	30.58 1.81 -0.55	32.83 1.96 -2.52	36.58 2.26 -0.57	37.44 2.39 0.00	38.17 2.66 -0.02	41.06 2.88 -0.31	67.47 2.52 -34.54	72.15 3.18 -30.62	62.74 2.95 -22.42	52.58 2.67 -13.29	38.33 2.10 -3.45	36.59 1.85 -7.55	34.71 1.61 -8.74	29.76 1.16 -5.44
BAYONEEC___CTG5 323686	26.61 0.71 -9.26	25.18 0.59 -10.09	22.86 0.56 -8.03	21.35 0.52 -7.17	20.48 0.53 -6.08	22.13 0.64 -4.55	24.04 0.79 -4.78	28.48 1.19 -6.80	29.17 1.52 -4.18	30.67 1.81 -1.89	30.58 1.81 -0.55	32.83 1.96 -2.52	36.58 2.26 -0.57	37.44 2.39 0.00	38.17 2.66 -0.02	41.06 2.88 -0.31	67.47 2.52 -34.54	72.15 3.18 -30.62	62.74 2.95 -22.42	52.58 2.67 -13.29	38.33 2.10 -3.45	36.59 1.85 -7.55	34.71 1.61 -8.74	29.76 1.16 -5.44
BAYONEEC___CTG6 323687	26.61 0.71 -9.26	25.18 0.59 -10.09	22.86 0.56 -8.03	21.35 0.52 -7.17	20.48 0.53 -6.08	22.13 0.64 -4.55	24.04 0.79 -4.78	28.48 1.19 -6.80	29.17 1.52 -4.18	30.67 1.81 -1.89	30.58 1.81 -0.55	32.83 1.96 -2.52	36.58 2.26 -0.57	37.44 2.39 0.00	38.17 2.66 -0.02	41.06 2.88 -0.31	67.47 2.52 -34.54	72.15 3.18 -30.62	62.74 2.95 -22.42	52.58 2.67 -13.29	38.33 2.10 -3.45	36.59 1.85 -7.55	34.71 1.61 -8.74	29.76 1.16 -5.44
BAYONEEC___CTG7 323688	26.61 0.71 -9.26	25.18 0.59 -10.09	22.86 0.56 -8.03	21.35 0.52 -7.17	20.48 0.53 -6.08	22.13 0.64 -4.55	24.04 0.79 -4.78	28.48 1.19 -6.80	29.17 1.52 -4.18	30.67 1.81 -1.89	30.58 1.81 -0.55	32.83 1.96 -2.52	36.58 2.26 -0.57	37.44 2.39 0.00	38.17 2.66 -0.02	41.06 2.88 -0.31	67.47 2.52 -34.54	72.15 3.18 -30.62	62.74 2.95 -22.42	52.58 2.67 -13.29	38.33 2.10 -3.45	36.59 1.85 -7.55	34.71 1.61 -8.74	29.76 1.16 -5.44
BAYONEEC___CTG8 323689	26.61 0.71 -9.26	25.18 0.59 -10.09	22.86 0.56 -8.03	21.35 0.52 -7.17	20.48 0.53 -6.08	22.13 0.64 -4.55	24.04 0.79 -4.78	28.48 1.19 -6.80	29.17 1.52 -4.18	30.67 1.81 -1.89	30.58 1.81 -0.55	32.83 1.96 -2.52	36.58 2.26 -0.57	37.44 2.39 0.00	38.17 2.66 -0.02	41.06 2.88 -0.31	67.47 2.52 -34.54	72.15 3.18 -30.62	62.74 2.95 -22.42	52.58 2.67 -13.29	38.33 2.10 -3.45	36.59 1.85 -7.55	34.71 1.61 -8.74	29.76 1.16 -5.44
BAYONEEC___CTG9 323749	26.61 0.71 -9.26	25.18 0.59 -10.09	22.86 0.56 -8.03	21.35 0.52 -7.17	20.48 0.53 -6.08	22.13 0.64 -4.55	24.04 0.79 -4.78	28.48 1.19 -6.80	29.17 1.52 -4.18	30.67 1.81 -1.89	30.58 1.81 -0.55	32.83 1.96 -2.52	36.58 2.26 -0.57	37.44 2.39 0.00	38.17 2.66 -0.02	41.06 2.88 -0.31	67.47 2.52 -34.54	72.15 3.18 -30.62	62.74 2.95 -22.42	52.58 2.67 -13.29	38.33 2.10 -3.45	36.59 1.85 -7.55	34.71 1.61 -8.74	29.76 1.16 -5.44

BEACON___LESR 323632	28.28 0.33 -11.31	27.12 0.29 -12.33	24.35 0.27 -9.81	22.68 0.26 -8.76	21.58 0.28 -7.43	22.82 0.32 -5.55	24.68 0.37 -5.84	28.91 0.53 -7.89	28.82 0.73 -4.62	29.42 0.84 -1.61	29.39 0.96 -0.21	31.92 0.88 -2.69	34.11 0.91 0.55	36.00 0.95 0.00	36.63 1.17 0.02	38.93 1.36 0.30	67.54 1.06 -36.07	71.12 1.26 -31.50	61.34 1.31 -22.67	51.59 1.25 -13.73	38.17 1.18 -4.21	36.16 0.84 -8.13	34.79 0.73 -9.70	29.92 0.51 -6.25
BEAVER RIVER___HYD 24048	27.82 -0.80 -11.99	23.43 -0.68 -9.62	23.79 -0.64 -10.16	22.04 -0.63 -9.00	16.99 -0.60 -3.72	24.61 -0.68 -8.34	27.32 -0.72 -9.57	26.12 -0.88 -6.51	29.98 -1.15 -7.66	37.18 -1.35 -11.55	38.81 -1.41 -12.00	36.56 -1.48 -9.68	44.79 -1.82 -12.87	46.92 -1.79 -13.65	45.54 -1.99 -12.04	50.81 -2.16 -15.10	35.99 -1.58 -7.17	43.75 -1.84 -7.24	53.62 -1.38 -17.63	52.71 -1.21 -17.30	45.37 -1.21 -13.80	39.26 -1.06 -13.13	32.30 -1.07 -9.02	33.18 -1.00 -11.02
BEEBEE_GT_13 23619	18.29 0.50 -1.16	16.19 0.43 -1.26	15.68 0.41 -1.00	14.93 0.37 -0.89	14.98 0.35 -0.76	17.86 0.36 -0.56	19.39 0.33 -0.59	21.58 0.27 -0.82	24.31 0.35 -0.49	27.60 0.43 -0.19	28.66 0.40 -0.04	28.99 0.34 -0.29	34.28 0.54 0.00	35.48 0.42 0.00	35.59 0.11 0.00	37.91 0.04 0.00	34.43 0.09 -3.93	41.89 0.08 -3.46	39.92 0.04 -2.51	38.20 0.07 -1.51	33.47 0.26 -0.43	28.28 0.22 -0.87	25.65 0.27 -1.03	24.30 0.49 -0.65
BENSHRST_27_KV_BENSHRST_1 355998	26.92 1.01 -9.27	25.43 0.84 -10.10	23.04 0.74 -8.03	21.51 0.68 -7.17	20.65 0.69 -6.08	22.32 0.83 -4.55	24.17 0.92 -4.78	28.66 1.37 -6.80	29.36 1.71 -4.18	31.02 2.16 -1.89	30.95 2.17 -0.55	33.20 2.33 -2.52	36.98 2.67 -0.57	37.97 2.91 0.00	38.67 3.16 -0.02	41.48 3.29 -0.31	72.51 2.98 -39.13	90.07 3.80 -47.92	69.16 3.48 -28.32	53.29 3.26 -13.41	38.72 2.49 -3.45	37.05 2.31 -7.55	35.13 2.02 -8.75	30.06 1.46 -5.44
BETHLEHEM___GRP 23843	28.04 0.08 -11.32	26.91 0.07 -12.34	24.16 0.07 -9.82	22.50 0.07 -8.76	21.38 0.07 -7.44	22.57 0.07 -5.56	24.39 0.07 -5.85	28.58 0.18 -7.90	28.41 0.31 -4.64	28.98 0.38 -1.63	28.87 0.42 -0.22	31.42 0.37 -2.70	33.53 0.30 0.52	35.37 0.32 0.00	35.93 0.46 0.02	38.15 0.57 0.28	67.08 0.43 -36.25	70.52 0.50 -31.67	60.69 0.52 -22.80	50.90 0.48 -13.80	37.45 0.46 -4.21	35.68 0.33 -8.16	34.38 0.29 -9.73	29.54 0.12 -6.26
BETHLEHEM___GS1 323560	28.03 0.07 -11.32	26.90 0.06 -12.34	24.15 0.06 -9.82	22.48 0.05 -8.76	21.38 0.07 -7.44	22.57 0.07 -5.56	24.39 0.07 -5.85	28.58 0.18 -7.90	28.41 0.30 -4.64	28.98 0.38 -1.63	28.87 0.42 -0.22	31.42 0.37 -2.70	33.53 0.30 0.52	35.34 0.28 0.00	35.93 0.46 0.02	38.15 0.57 0.28	67.08 0.43 -36.25	70.52 0.50 -31.67	60.69 0.52 -22.80	50.89 0.47 -13.80	37.45 0.46 -4.21	35.68 0.33 -8.16	34.38 0.29 -9.73	29.54 0.12 -6.26
BETHLEHEM___GS2 323561	28.03 0.07 -11.32	26.90 0.06 -12.34	24.15 0.06 -9.82	22.48 0.05 -8.76	21.38 0.07 -7.44	22.57 0.07 -5.56	24.39 0.07 -5.85	28.58 0.18 -7.90	28.41 0.30 -4.64	28.98 0.38 -1.63	28.87 0.42 -0.22	31.42 0.37 -2.70	33.53 0.30 0.52	35.34 0.28 0.00	35.93 0.46 0.02	38.15 0.57 0.28	67.08 0.43 -36.25	70.52 0.50 -31.67	60.69 0.52 -22.80	50.89 0.47 -13.80	37.45 0.46 -4.21	35.68 0.33 -8.16	34.38 0.29 -9.73	29.54 0.12 -6.26
BETHLEHEM___GS3 323562	28.03 0.07 -11.32	26.90 0.06 -12.34	24.15 0.06 -9.82	22.48 0.05 -8.76	21.38 0.07 -7.44	22.57 0.07 -5.56	24.39 0.07 -5.85	28.58 0.18 -7.90	28.41 0.30 -4.64	28.98 0.38 -1.63	28.87 0.42 -0.22	31.42 0.37 -2.70	33.53 0.30 0.52	35.34 0.28 0.00	35.93 0.46 0.02	38.15 0.57 0.28	67.08 0.43 -36.25	70.52 0.50 -31.67	60.69 0.52 -22.80	50.89 0.47 -13.80	37.45 0.46 -4.21	35.68 0.33 -8.16	34.38 0.29 -9.73	29.54 0.12 -6.26
BETHLEHEM___STEEL 23779	18.56 0.37 -1.56	16.55 0.35 -1.71	15.94 0.31 -1.36	15.16 0.29 -1.21	15.15 0.25 -1.03	17.92 0.17 -0.80	19.28 -0.04 -0.85	21.48 -0.18 -1.17	24.12 -0.05 -0.70	27.22 -0.03 -0.28	28.12 -0.17 -0.06	28.40 -0.37 -0.41	34.55 0.81 0.00	35.62 0.56 0.00	35.63 0.14 0.00	37.79 -0.08 0.00	35.57 -0.46 -5.62	42.61 -0.69 -4.95	40.21 -0.75 -3.59	38.33 -0.44 -2.15	32.93 -0.46 -0.61	28.25 -0.19 -1.25	25.80 -0.02 -1.47	24.44 0.35 -0.93
BETHLHEM_115KV_TB1 79974	28.08 0.13 -11.32	26.94 0.12 -12.34	24.20 0.11 -9.82	22.53 0.11 -8.76	21.41 0.11 -7.43	22.62 0.12 -5.56	24.44 0.13 -5.84	28.64 0.25 -7.91	28.49 0.38 -4.64	29.07 0.46 -1.64	28.96 0.51 -0.23	31.51 0.45 -2.70	33.63 0.37 0.49	35.48 0.42 0.00	36.04 0.57 0.02	38.28 0.68 0.27	67.27 0.52 -36.35	70.70 0.58 -31.77	60.85 0.60 -22.88	51.05 0.59 -13.84	37.55 0.56 -4.21	35.78 0.41 -8.18	34.47 0.37 -9.75	29.61 0.19 -6.27
BETHPAGE_CC_5 323564	31.23 1.18 -13.41	26.26 1.01 -10.75	24.27 0.98 -9.02	21.75 0.92 -7.17	20.92 0.96 -6.09	25.37 1.14 -7.29	26.98 1.29 -7.22	28.95 1.66 -6.80	29.78 2.11 -4.20	31.83 2.29 -2.57	34.79 2.26 -4.31	35.93 2.44 -5.14	38.50 2.87 -1.89	41.59 2.95 -3.59	65.44 3.16 -26.79	61.93 3.41 -20.66	74.27 2.77 -41.10	81.81 3.41 -40.05	71.06 3.14 -30.55	55.55 2.96 -15.97	41.98 2.65 -6.54	38.34 2.34 -8.81	37.69 2.09 -11.24	34.97 1.62 -10.19
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	18.55 0.33 -1.58	16.54 0.32 -1.73	15.91 0.27 -1.37	15.15 0.26 -1.23	15.14 0.22 -1.04	17.89 0.14 -0.81	19.27 -0.06 -0.86	21.49 -0.18 -1.18	24.13 -0.05 -0.71	27.23 -0.03 -0.28	28.14 -0.14 -0.06	28.44 -0.34 -0.42	34.72 0.98 0.00	35.83 0.77 0.00	35.84 0.35 0.00	38.02 0.15 0.00	35.70 -0.40 -5.69	42.70 -0.65 -5.00	40.29 -0.71 -3.63	38.39 -0.40 -2.18	32.97 -0.43 -0.62	28.29 -0.16 -1.26	25.84 0.00 -1.49	24.45 0.35 -0.94
BINGHAMTON___COGEN 23790	19.85 0.27 -2.95	17.94 0.23 -3.22	17.04 0.21 -2.56	16.15 0.20 -2.29	16.01 0.19 -1.94	18.62 0.22 -1.46	20.24 0.24 -1.53	22.88 0.27 -2.12	25.09 0.35 -1.27	27.88 0.40 -0.50	28.76 0.42 -0.11	29.50 0.40 -0.75	34.62 0.88 0.00	35.93 0.88 0.00	36.23 0.75 0.00	38.62 0.76 0.00	41.01 0.43 -10.18	47.84 0.54 -8.96	44.39 0.52 -6.50	41.06 0.55 -3.90	34.35 0.46 -1.11	29.86 0.41 -2.26	27.36 0.34 -2.66	25.22 0.37 -1.69
BIXINCNT_115KV_LOAD 355685	18.36 0.05 -1.68	16.41 0.09 -1.83	15.77 0.04 -1.46	15.00 0.04 -1.30	15.00 0.03 -1.10	17.74 -0.07 -0.86	19.19 -0.18 -0.90	21.49 -0.25 -1.25	24.14 -0.07 -0.75	27.21 -0.05 -0.30	28.12 -0.17 -0.06	28.46 -0.34 -0.44	35.06 1.32 0.00	36.25 1.19 0.00	36.27 0.78 0.00	38.59 0.72 0.00	36.09 -0.30 -5.99	42.93 -0.69 -5.27	40.56 -0.64 -3.83	38.66 -0.26 -2.29	33.24 -0.20 -0.65	28.49 -0.03 -1.33	26.00 0.07 -1.57	24.43 0.28 -0.99
BLACK RIVER___HYD 24047	24.89 -0.35 -8.60	21.19 -0.28 -6.97	21.32 -0.24 -7.30	19.88 -0.25 -6.46	16.42 -0.21 -2.75	22.70 -0.19 -5.94	25.04 -0.22 -6.80	24.84 -0.37 -4.71	28.33 -0.59 -5.45	34.36 -0.70 -8.09	35.86 -0.73 -8.37	34.34 -0.82 -6.80	41.66 -1.05 -8.97	43.59 -0.98 -9.51	42.71 -1.17 -8.39	47.03 -1.36 -10.52	35.35 -0.91 -5.86	43.20 -0.96 -5.80	49.76 -0.45 -12.83	48.78 -0.22 -12.38	42.16 -0.33 -9.71	36.20 -0.33 -9.34	30.43 -0.44 -6.51	30.61 -0.37 -7.82

BLACKRVR_115KV_TB2 79977	24.89 -0.35 -8.60	21.19 -0.28 -6.97	21.32 -0.24 -7.30	19.88 -0.25 -6.46	16.42 -0.21 -2.75	22.69 -0.19 -5.94	25.04 -0.22 -6.80	24.84 -0.37 -4.71	28.33 -0.59 -5.45	34.36 -0.70 -8.09	35.86 -0.73 -8.37	34.34 -0.82 -6.80	41.66 -1.05 -8.97	43.58 -0.98 -9.51	42.71 -1.17 -8.39	47.02 -1.36 -10.52	35.35 -0.91 -5.86	43.19 -0.96 -5.80	49.75 -0.45 -12.83	48.78 -0.22 -12.38	42.16 -0.33 -9.71	36.20 -0.33 -9.34	30.42 -0.44 -6.51	30.61 -0.37 -7.82
BLISS_WT_PWR 323608	18.33 0.02 -1.68	16.43 0.10 -1.83	15.78 0.06 -1.46	14.99 0.03 -1.30	15.00 0.03 -1.10	17.74 -0.07 -0.86	19.15 -0.22 -0.90	21.45 -0.29 -1.25	24.12 -0.09 -0.75	27.21 -0.05 -0.30	28.06 -0.23 -0.06	28.43 -0.37 -0.44	35.03 1.28 0.00	36.28 1.23 0.00	36.20 0.71 0.00	38.59 0.72 0.00	36.06 -0.33 -5.99	42.86 -0.77 -5.27	40.52 -0.67 -3.83	38.66 -0.25 -2.29	33.20 -0.23 -0.65	28.49 -0.03 -1.33	26.00 0.07 -1.57	24.43 0.28 -0.99
BLUE_CIRC_CHEM_DRP 24182	28.17 0.40 -11.14	26.99 0.36 -12.14	24.29 0.36 -9.66	22.62 0.34 -8.62	21.55 0.36 -7.31	22.82 0.41 -5.47	24.64 0.42 -5.75	28.87 0.55 -7.82	28.79 0.70 -4.62	29.49 0.84 -1.69	29.37 0.87 -0.27	31.85 0.79 -2.70	34.10 0.71 0.35	35.79 0.74 0.00	36.32 0.85 0.01	38.66 0.98 0.19	67.52 0.70 -36.42	71.04 0.81 -31.88	61.24 0.86 -23.01	51.38 0.88 -13.88	37.81 0.89 -4.14	36.00 0.65 -8.16	34.76 0.71 -9.69	29.90 0.53 -6.21
BOC_GAS_DRP 24189	28.15 0.25 -11.27	27.00 0.22 -12.29	24.26 0.21 -9.78	22.59 0.20 -8.72	21.48 0.21 -7.40	22.73 0.25 -5.53	24.55 0.26 -5.82	28.80 0.39 -7.92	28.69 0.54 -4.68	29.30 0.62 -1.71	29.16 0.65 -0.28	31.75 0.65 -2.74	34.00 0.61 0.35	35.69 0.63 0.00	36.22 0.75 0.01	38.51 0.83 0.19	67.94 0.64 -36.90	71.43 0.77 -32.31	61.44 0.75 -23.32	51.46 0.77 -14.07	37.66 0.69 -4.19	36.03 0.57 -8.27	34.74 0.56 -9.82	29.82 0.37 -6.29
BOONVILLE_115KV_TB1 79983	20.92 -0.08 -4.37	18.00 -0.06 -3.57	17.95 -0.03 -3.71	16.92 -0.03 -3.29	15.30 0.00 -1.43	19.98 0.03 -3.00	21.99 0.07 -3.44	22.96 0.04 -2.43	26.20 -0.02 -2.76	31.02 0.00 -4.05	32.40 0.00 -4.17	31.75 -0.03 -3.42	38.18 -0.03 -4.47	39.83 0.04 -4.74	39.63 -0.04 -4.18	43.00 -0.11 -5.24	33.69 0.00 -3.28	41.60 0.04 -3.21	44.30 0.30 -6.63	43.26 0.33 -6.31	37.86 0.20 -4.88	32.06 0.14 -4.74	27.72 0.02 -3.34	27.14 0.02 -3.96
BORALEX_4TH_BRANCH 23824	28.39 0.47 -11.29	27.20 0.41 -12.30	24.47 0.41 -9.79	22.79 0.40 -8.73	21.66 0.37 -7.41	22.96 0.47 -5.54	24.76 0.46 -5.83	28.75 0.64 -7.63	28.67 0.87 -4.33	29.14 0.97 -1.20	29.21 1.04 0.06	31.91 1.10 -2.45	33.76 1.28 1.26	36.39 1.33 0.00	36.96 1.52 0.05	38.88 1.71 0.69	64.24 1.40 -32.44	68.20 1.84 -28.01	59.00 1.76 -19.88	50.54 1.69 -12.24	38.52 1.54 -4.20	35.84 1.17 -7.48	34.42 0.95 -9.11	29.81 0.65 -6.00
BOWLINE___1 23526	26.12 0.50 -8.98	24.71 0.42 -9.79	22.47 0.41 -7.79	21.00 0.38 -6.95	20.19 0.42 -5.90	21.83 0.47 -4.41	23.66 0.55 -4.64	27.92 0.84 -6.59	28.62 1.10 -4.05	30.04 1.24 -1.83	30.02 1.27 -0.52	32.21 1.42 -2.44	35.96 1.69 -0.53	36.88 1.82 0.00	37.60 2.09 -0.02	40.43 2.27 -0.29	65.79 1.98 -33.41	70.45 2.49 -29.61	61.36 2.32 -21.67	51.60 2.12 -12.86	37.80 1.67 -3.34	35.91 1.41 -7.30	34.01 1.19 -8.46	29.24 0.81 -5.27
BOWLINE___2 23595	26.15 0.53 -8.98	24.74 0.45 -9.79	22.49 0.43 -7.79	21.02 0.41 -6.95	20.20 0.43 -5.90	21.86 0.51 -4.41	23.70 0.59 -4.64	27.96 0.88 -6.59	28.64 1.13 -4.05	30.06 1.27 -1.83	30.02 1.27 -0.52	32.21 1.42 -2.44	35.96 1.69 -0.53	36.91 1.86 0.00	37.60 2.09 -0.02	40.43 2.27 -0.29	65.79 1.98 -33.41	70.45 2.49 -29.61	61.36 2.32 -21.68	51.60 2.12 -12.86	37.80 1.67 -3.34	35.93 1.44 -7.30	34.02 1.19 -8.47	29.24 0.81 -5.27
BRADY___115KV_TB2 356060	-2.22 -2.45 16.41	-0.98 -2.12 13.36	-1.69 -2.07 13.89	-0.87 -1.97 12.57	0.39 -1.96 11.53	-0.62 -2.32 15.24	0.11 -2.53 15.82	1.44 -2.85 16.20	2.04 -3.36 18.07	4.69 -3.86 18.42	4.95 -4.01 19.26	4.20 -4.03 20.13	9.11 -4.89 19.74	8.97 -4.94 21.14	13.21 -4.97 17.31	8.58 -5.49 23.80	2.69 -4.29 23.43	2.71 -5.37 30.27	5.54 -5.01 26.82	5.58 -4.83 26.20	9.05 -4.23 19.50	5.43 -3.56 18.20	9.00 -3.19 12.17	4.70 -3.13 15.33
BRANSCOMB___SOLAR 323811	29.10 0.83 -11.63	27.88 0.71 -12.68	25.06 0.70 -10.09	23.34 0.67 -9.00	22.18 0.67 -7.64	23.49 0.83 -5.71	25.18 0.70 -6.01	29.42 0.86 -8.07	29.23 1.06 -4.71	29.80 1.24 -1.59	29.58 1.19 -0.17	32.25 1.16 -2.73	34.46 1.38 0.67	36.53 1.47 0.00	37.16 1.70 0.03	39.47 1.97 0.37	68.50 1.55 -36.54	72.17 1.95 -31.87	62.34 2.09 -22.88	52.67 2.16 -13.89	39.18 2.07 -4.33	36.97 1.52 -8.26	35.41 1.17 -9.89	30.50 0.95 -6.39
BRENTWOD_69_KV_W. BRTWOOD 56703	31.47 1.43 -13.41	26.51 1.26 -10.75	24.51 1.23 -9.02	21.96 1.13 -7.17	21.12 1.17 -6.08	25.66 1.42 -7.29	27.24 1.55 -7.22	29.20 1.91 -6.80	30.03 2.37 -4.20	32.32 2.78 -2.57	35.34 2.74 -4.38	37.22 2.92 -5.95	54.98 3.41 -17.83	59.00 3.26 -20.68	79.24 3.48 -40.28	77.91 3.75 -36.29	116.14 3.01 -82.72	141.86 3.60 -99.90	122.88 3.36 -82.14	72.69 3.15 -32.92	61.01 2.85 -25.38	46.49 2.47 -16.83	53.78 2.51 -26.92	35.36 1.99 -10.20
BRISTLHL_115KV_TB1 79998	18.37 -0.03 -1.77	16.06 -0.04 -1.61	15.72 -0.06 -1.51	14.95 -0.04 -1.33	14.63 -0.06 -0.81	17.97 -0.05 -1.08	19.50 -0.04 -1.07	21.38 -0.14 -1.03	24.13 -0.23 -0.90	27.73 -0.24 -1.00	28.90 -0.25 -0.93	28.98 -0.31 -0.93	34.46 -0.30 -1.02	35.78 -0.35 -1.07	36.04 -0.46 -1.02	38.58 -0.45 -1.17	33.18 -0.40 -3.17	40.75 -0.46 -2.86	39.86 -0.49 -2.97	38.46 -0.48 -2.32	33.84 -0.39 -1.45	28.52 -0.35 -1.68	25.50 -0.29 -1.44	24.38 -0.14 -1.36
BROOKHAVEN___DRP 24191	31.59 1.55 -13.41	26.59 1.35 -10.75	24.60 1.31 -9.02	22.05 1.22 -7.17	21.20 1.25 -6.08	25.74 1.51 -7.29	27.35 1.66 -7.22	29.28 1.99 -6.80	30.10 2.44 -4.20	32.45 2.91 -2.57	35.76 2.88 -4.66	40.44 3.06 -9.02	51.73 3.61 -14.38	124.18 3.72 -85.41	130.76 3.94 -91.34	137.60 4.24 -95.49	274.13 3.41 -240.32	369.13 4.26 -326.52	318.87 4.00 -277.50	137.52 3.77 -97.13	132.86 3.38 -96.71	77.28 2.91 -47.18	50.52 2.65 -23.51	35.58 2.15 -10.27
BROOKLYN_NAVY_YARD 23515	26.59 0.70 -9.26	25.18 0.59 -10.09	22.86 0.56 -8.03	21.33 0.51 -7.17	20.47 0.51 -6.08	22.13 0.64 -4.55	24.04 0.79 -4.78	28.50 1.21 -6.80	29.20 1.55 -4.18	30.70 1.83 -1.89	30.55 1.78 -0.55	32.80 1.93 -2.52	36.58 2.26 -0.57	37.44 2.39 0.00	38.20 2.70 -0.02	41.10 2.92 -0.31	67.53 2.58 -34.54	72.23 3.26 -30.62	62.82 3.03 -22.42	52.66 2.75 -13.29	38.36 2.13 -3.45	36.59 1.85 -7.55	34.73 1.63 -8.74	29.74 1.13 -5.44
BROOKLYN___ARMY_DRP 323595	26.83 0.93 -9.27	25.36 0.77 -10.10	22.98 0.68 -8.03	21.46 0.63 -7.17	20.59 0.64 -6.08	22.24 0.75 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.78 2.46 -0.57	37.72 2.66 0.00	38.45 2.95 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.49 2.26 -3.45	36.86 2.12 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44



BROOKVLE_69_KV_TB1 55790	31.13 1.08 -13.41	26.17 0.93 -10.75	24.19 0.90 -9.02	21.68 0.85 -7.17	20.81 0.86 -6.08	25.27 1.03 -7.29	26.85 1.16 -7.22	28.83 1.54 -6.80	29.64 1.97 -4.20	31.86 2.32 -2.57	34.89 2.37 -4.29	35.83 2.47 -5.01	37.25 2.94 -0.57	39.11 3.16 -0.90	63.56 3.41 -24.67	59.74 3.67 -18.20	67.96 3.01 -34.55	72.70 3.72 -30.63	63.27 3.48 -22.43	53.18 3.26 -13.30	39.15 2.79 -3.58	37.13 2.39 -7.55	36.35 2.05 -9.94	34.99 1.64 -10.19
BROOME_2_LFGE 323671	19.84 0.25 -2.95	17.94 0.23 -3.22	17.04 0.21 -2.56	16.15 0.21 -2.29	16.02 0.21 -1.94	18.64 0.24 -1.46	20.24 0.24 -1.53	22.88 0.27 -2.12	25.09 0.35 -1.27	27.88 0.41 -0.50	28.76 0.42 -0.11	29.50 0.40 -0.75	34.62 0.88 0.00	35.93 0.88 0.00	36.23 0.75 0.00	38.62 0.76 0.00	41.01 0.43 -10.18	47.84 0.54 -8.96	44.39 0.52 -6.50	41.06 0.55 -3.90	34.35 0.46 -1.11	29.86 0.41 -2.26	27.36 0.34 -2.66	25.22 0.37 -1.69
BROOME___LFGE 323600	19.84 0.25 -2.95	17.94 0.23 -3.22	17.04 0.21 -2.56	16.15 0.21 -2.29	16.02 0.21 -1.94	18.64 0.24 -1.46	20.24 0.24 -1.53	22.88 0.27 -2.12	25.09 0.35 -1.27	27.88 0.41 -0.50	28.76 0.42 -0.11	29.50 0.40 -0.75	34.62 0.88 0.00	35.93 0.88 0.00	36.23 0.75 0.00	38.62 0.76 0.00	41.01 0.43 -10.18	47.84 0.54 -8.96	44.39 0.52 -6.50	41.06 0.55 -3.90	34.35 0.46 -1.11	29.86 0.41 -2.26	27.36 0.34 -2.66	25.22 0.37 -1.69
BROWNFLS_115KV_TB_3_5 80003	-15.82 -1.66 30.79	-10.00 -1.43 23.06	-13.19 -1.38 26.07	-10.00 -1.34 22.32	-3.22 -1.33 15.76	-9.98 -1.54 25.39	-1.00 -1.66 17.81	-1.00 -1.91 19.59	-1.00 -2.32 22.14	-1.00 -2.72 25.25	-1.00 -2.82 26.40	-1.00 -2.92 26.44	-1.00 -3.61 31.13	-1.00 -3.61 32.45	-0.75 -3.83 32.40	-1.00 -4.13 34.74	-1.00 -3.10 28.30	-1.00 -3.80 35.55	-1.00 -3.33 35.04	-3.91 -3.11 37.42	-6.71 -2.95 36.54	-9.43 -2.47 34.14	-0.90 -2.39 22.87	-7.82 -2.22 28.76
BROWNSV1_27_KV_LOAD 356125	26.79 0.90 -9.26	25.35 0.77 -10.09	23.01 0.71 -8.03	21.50 0.67 -7.17	20.62 0.67 -6.08	22.32 0.83 -4.55	24.21 0.96 -4.78	28.68 1.39 -6.80	29.41 1.76 -4.18	30.97 2.10 -1.89	30.89 2.12 -0.55	33.14 2.27 -2.52	36.98 2.67 -0.57	37.90 2.84 0.00	38.63 3.12 -0.02	41.55 3.37 -0.31	67.92 2.98 -34.54	72.73 3.76 -30.62	63.30 3.51 -22.42	53.13 3.22 -13.29	38.75 2.52 -3.45	36.94 2.20 -7.55	35.00 1.90 -8.74	30.02 1.41 -5.44
BURROWS___LYONSDAL 23803	22.27 -0.23 -5.86	19.06 -0.19 -4.75	19.09 -0.16 -4.97	17.92 -0.15 -4.41	15.62 -0.12 -1.88	20.87 -0.12 -4.05	23.02 -0.09 -4.65	23.58 -0.14 -3.23	26.96 -0.23 -3.72	32.23 -0.27 -5.52	33.65 -0.28 -5.71	32.69 -0.31 -4.65	39.46 -0.40 -6.12	41.23 -0.32 -6.49	40.79 -0.43 -5.73	44.52 -0.53 -7.18	34.11 -0.33 -4.04	42.01 -0.35 -4.00	46.12 -0.04 -8.79	45.12 0.04 -8.47	39.34 -0.07 -6.63	33.46 -0.11 -6.38	28.61 -0.19 -4.45	28.32 -0.19 -5.34
CAITHNESS_CC_1 323624	31.49 1.45 -13.41	26.51 1.26 -10.75	24.53 1.24 -9.02	21.96 1.13 -7.17	21.14 1.18 -6.09	25.66 1.42 -7.29	27.26 1.57 -7.22	29.17 1.88 -6.80	29.99 2.32 -4.20	32.29 2.75 -2.57	35.59 2.71 -4.66	40.28 2.89 -9.03	51.47 3.41 -14.32	124.16 3.47 -85.63	130.69 3.69 -91.51	137.53 3.98 -95.69	274.46 3.19 -240.86	369.64 3.99 -327.30	319.27 3.74 -278.17	137.48 3.52 -97.35	132.88 3.15 -96.95	77.22 2.75 -47.29	50.29 2.49 -23.45	35.44 2.01 -10.27
CALPINE BETH_PAGE_GT4 24209	31.21 1.16 -13.41	26.26 1.01 -10.75	24.27 0.98 -9.02	21.75 0.92 -7.17	20.90 0.94 -6.08	25.37 1.14 -7.29	26.95 1.26 -7.22	28.91 1.62 -6.80	29.73 2.07 -4.20	31.80 2.27 -2.57	34.73 2.20 -4.30	35.84 2.38 -5.10	38.07 2.80 -1.53	40.91 2.94 -2.90	64.90 3.16 -26.25	61.31 3.41 -20.03	72.60 2.77 -39.43	79.41 3.41 -37.64	69.02 3.18 -28.47	54.87 2.97 -15.28	41.22 2.66 -5.79	38.02 2.34 -8.49	37.31 2.07 -10.88	34.95 1.60 -10.19
CALPINE_BETH_PAGE_GT_4 323586	31.19 1.15 -13.41	26.23 0.99 -10.75	24.24 0.96 -9.02	21.73 0.90 -7.17	20.89 0.93 -6.09	25.33 1.10 -7.29	26.95 1.26 -7.22	28.91 1.62 -6.80	29.73 2.07 -4.20	31.81 2.27 -2.57	34.73 2.20 -4.30	35.84 2.38 -5.10	38.10 2.83 -1.53	40.91 2.95 -2.90	64.93 3.20 -26.25	61.31 3.41 -20.03	72.60 2.77 -39.43	79.40 3.41 -37.64	69.02 3.17 -28.47	54.87 2.96 -15.28	41.26 2.69 -5.79	38.02 2.34 -8.49	37.31 2.07 -10.88	34.95 1.60 -10.19
CALPINE_BP_GT1 23823	31.19 1.15 -13.41	26.23 0.99 -10.75	24.24 0.96 -9.02	21.73 0.90 -7.17	20.89 0.93 -6.09	25.33 1.10 -7.29	26.95 1.26 -7.22	28.91 1.62 -6.80	29.73 2.07 -4.20	31.81 2.27 -2.57	34.73 2.20 -4.30	35.84 2.38 -5.10	38.10 2.83 -1.53	40.91 2.95 -2.90	64.93 3.20 -26.25	61.31 3.41 -20.03	72.60 2.77 -39.43	79.40 3.41 -37.64	69.02 3.17 -28.47	54.87 2.96 -15.28	41.26 2.69 -5.79	38.02 2.34 -8.49	37.31 2.07 -10.88	34.95 1.60 -10.19
CALSPAN___DRP 24200	18.56 0.37 -1.56	16.55 0.35 -1.71	15.94 0.31 -1.36	15.16 0.29 -1.21	15.15 0.25 -1.03	17.92 0.17 -0.80	19.28 0.17 -0.85	21.48 -0.18 -1.17	24.12 -0.05 -0.70	27.22 -0.03 -0.28	28.12 -0.17 -0.06	28.40 -0.37 -0.41	34.55 0.81 0.00	35.62 0.56 0.00	35.63 0.14 0.00	37.79 -0.08 0.00	35.57 -0.46 -5.62	42.61 -0.69 -4.95	40.21 -0.75 -3.59	38.33 -0.44 -2.15	32.93 -0.46 -0.61	28.25 -0.19 -1.25	25.80 -0.02 -1.47	24.44 0.35 -0.93
CALVERTON___SOLAR 323806	31.68 1.63 -13.41	26.65 1.41 -10.75	24.67 1.38 -9.02	22.10 1.27 -7.17	21.28 1.32 -6.09	25.83 1.59 -7.29	27.44 1.76 -7.22	29.38 2.09 -6.80	30.25 2.58 -4.20	32.61 3.07 -2.57	35.96 3.08 -4.66	40.63 3.26 -9.02	52.02 3.88 -14.40	124.41 4.00 -85.36	131.04 4.26 -91.30	137.89 4.58 -95.44	274.28 3.68 -240.20	369.30 4.60 -326.35	319.05 4.33 -277.35	137.83 4.14 -97.08	133.10 3.67 -96.65	77.50 3.15 -47.16	50.71 2.82 -23.53	35.74 2.32 -10.27
CANDIGU_WT_PWR 323617	18.98 0.30 -2.05	17.00 0.27 -2.23	16.32 0.27 -1.78	15.52 0.27 -1.59	15.47 0.25 -1.35	18.23 0.25 -1.03	19.73 0.18 -1.08	22.15 0.16 -1.49	24.62 0.26 -0.89	27.65 0.32 -0.35	28.58 0.28 -0.08	29.06 0.17 -0.53	34.79 1.05 0.00	36.00 0.95 0.00	36.09 0.60 0.00	38.44 0.57 0.00	37.66 0.09 -7.17	44.73 0.08 -6.31	42.02 0.07 -4.58	39.58 0.22 -2.74	33.72 0.16 -0.78	29.13 0.35 -1.59	26.55 0.32 -1.87	24.84 0.49 -1.19
CARR STREET_E__SYR 24060	18.32 0.07 -1.62	16.08 0.06 -1.53	15.70 0.04 -1.39	14.93 0.04 -1.22	14.70 0.03 -0.80	17.95 0.05 -0.95	19.49 0.07 -0.95	21.47 0.00 -0.98	24.18 -0.09 -0.80	27.62 -0.16 -0.81	28.80 -0.14 -0.72	28.96 -0.17 -0.78	34.38 -0.13 -0.77	35.73 -0.14 -0.81	36.01 -0.25 -0.77	38.49 -0.26 -0.88	33.53 -0.24 -3.37	41.07 -0.31 -3.02	39.90 -0.34 -2.87	38.38 -0.37 -2.13	33.69 -0.30 -1.20	28.41 -0.27 -1.49	25.46 -0.24 -1.34	24.24 -0.12 -1.19
CARTHAGE___PAPER 23857	25.91 -0.63 -9.91	21.95 -0.54 -8.00	22.19 -0.49 -8.41	20.63 -0.48 -7.45	16.56 -0.44 -3.13	23.34 -0.47 -6.87	25.82 -0.52 -7.87	25.21 -0.70 -5.41	28.81 -0.96 -6.30	35.27 -1.13 -9.43	36.81 -1.18 -9.77	35.00 -1.28 -7.91	42.64 -1.59 -10.48	44.63 -1.54 -11.11	43.55 -1.74 -9.80	48.23 -1.93 -12.29	35.43 -1.34 -6.36	43.21 -1.50 -6.36	51.09 -0.97 -14.69	50.13 -0.77 -14.28	43.25 -0.82 -11.29	37.26 -0.73 -10.80	31.01 -0.83 -7.48	31.45 -0.76 -9.05

CASSADAGA_WT_PWR 323784	19.04 0.77 -1.64	17.02 0.74 -1.79	16.39 0.70 -1.42	15.60 0.67 -1.27	15.60 0.65 -1.08	18.48 0.70 -0.84	19.94 0.59 -0.88	22.31 0.59 -1.22	25.00 0.80 -0.73	28.29 1.02 -0.29	29.25 0.96 -0.06	29.64 0.85 -0.43	36.11 2.36 0.00	37.27 2.21 0.00	37.19 1.70 0.00	39.38 1.52 0.00	36.97 0.70 -5.86	44.12 0.61 -5.16	41.67 0.56 -3.74	39.74 0.88 -2.24	34.11 0.69 -0.64	29.34 0.84 -1.30	26.74 0.85 -1.53	25.20 1.07 -0.97
CE_DUNWOOD___DRP 24194	26.54 0.67 -9.24	25.14 0.58 -10.07	22.84 0.56 -8.01	21.33 0.52 -7.15	20.45 0.51 -6.07	22.11 0.63 -4.54	23.96 0.72 -4.77	28.32 1.05 -6.78	29.00 1.36 -4.17	30.45 1.59 -1.89	30.41 1.64 -0.55	32.63 1.76 -2.51	36.40 2.09 -0.57	37.30 2.24 0.00	37.99 2.48 -0.02	40.87 2.69 -0.31	67.21 2.34 -34.47	71.86 2.95 -30.55	62.51 2.77 -22.37	52.41 2.53 -13.27	38.22 2.00 -3.44	36.43 1.71 -7.53	34.54 1.46 -8.72	29.63 1.04 -5.43
CE_MILLWOOD___DRP 24193	26.45 0.62 -9.20	25.08 0.55 -10.03	22.77 0.51 -7.98	21.28 0.49 -7.12	20.40 0.49 -6.04	22.06 0.59 -4.52	23.90 0.68 -4.75	28.23 0.98 -6.75	28.91 1.29 -4.15	30.34 1.48 -1.88	30.29 1.52 -0.54	32.53 1.67 -2.50	36.30 1.99 -0.56	37.20 2.14 0.00	37.89 2.38 -0.02	40.75 2.57 -0.31	66.98 2.25 -34.33	71.62 2.84 -30.43	62.30 2.65 -22.28	52.25 2.42 -13.21	38.14 1.93 -3.43	36.32 1.63 -7.50	34.43 1.39 -8.69	29.54 0.97 -5.41
CE_NYC2_DRP 24202	26.71 0.82 -9.26	25.27 0.68 -10.09	22.91 0.61 -8.03	21.40 0.57 -7.17	20.54 0.58 -6.08	22.20 0.71 -4.55	24.08 0.83 -4.78	28.52 1.23 -6.80	29.20 1.55 -4.18	30.78 1.91 -1.89	30.69 1.92 -0.55	32.94 2.07 -2.52	36.64 2.33 -0.57	37.58 2.52 0.00	38.35 2.84 -0.02	41.13 2.95 -0.31	67.53 2.58 -34.54	72.19 3.22 -30.62	62.74 2.95 -22.42	52.66 2.75 -13.29	38.36 2.13 -3.45	36.69 1.96 -7.55	34.80 1.70 -8.74	29.85 1.25 -5.44
CE_NYC_DRP 24195	26.64 0.75 -9.26	25.24 0.65 -10.09	22.90 0.60 -8.03	21.39 0.56 -7.17	20.52 0.57 -6.08	22.19 0.69 -4.55	24.06 0.81 -4.78	28.50 1.21 -6.80	29.20 1.55 -4.18	30.73 1.86 -1.89	30.63 1.86 -0.55	32.89 2.01 -2.52	36.68 2.36 -0.57	37.58 2.52 0.00	38.31 2.80 -0.02	41.21 3.03 -0.31	67.59 2.65 -34.54	72.27 3.30 -30.62	62.85 3.06 -22.42	52.70 2.78 -13.29	38.39 2.16 -3.45	36.67 1.93 -7.55	34.75 1.66 -8.74	29.81 1.20 -5.44
CHAFFEE___LFGE 323603	18.62 0.37 -1.62	16.64 0.38 -1.77	16.00 0.33 -1.41	15.21 0.29 -1.25	15.19 0.25 -1.06	17.96 0.19 -0.83	19.31 0.19 -0.88	21.54 -0.04 -1.21	24.17 -0.02 -0.72	27.26 0.00 -0.29	28.12 -0.17 -0.06	28.47 -0.31 -0.43	34.72 0.98 0.00	35.86 0.81 0.00	35.84 0.35 0.00	38.02 0.15 0.00	35.88 -0.33 -5.81	42.88 -0.57 -5.11	40.48 -0.60 -3.71	38.55 -0.29 -2.22	33.02 -0.39 -0.63	28.34 -0.14 -1.29	25.90 0.02 -1.52	24.49 0.37 -0.96
CHATEAUG_35_KV_LOAD 355732	-0.37 -2.88 14.12	0.48 -2.46 11.55	-0.07 -2.38 11.96	0.58 -2.23 10.85	0.86 -2.16 10.85	0.82 -2.49 13.63	1.80 -2.70 13.97	2.52 -2.99 14.98	3.48 -3.40 16.59	7.03 -3.80 16.14	7.51 -3.84 16.88	6.30 -3.83 18.23	11.98 -4.59 17.18	11.97 -4.66 18.43	15.93 -4.65 14.91	12.00 -5.07 20.79	3.99 -4.04 22.37	4.10 -5.10 29.15	8.89 -4.93 23.54	8.92 -4.80 22.90	12.02 -3.97 16.79	8.12 -3.40 15.67	10.91 -2.97 10.47	7.04 -2.92 13.20
CHATEAUG_WT_PWR 323614	0.36 -2.84 13.43	1.06 -2.42 11.01	0.55 -2.34 11.37	1.14 -2.19 10.34	1.09 -2.14 10.65	1.34 -2.46 13.14	2.40 -2.66 13.41	2.93 -2.95 14.61	3.97 -3.36 16.14	7.77 -3.75 15.45	8.31 -3.75 16.16	6.96 -3.74 17.66	12.85 -4.49 16.40	12.90 -4.56 17.60	16.76 -4.54 14.19	12.98 -5.00 19.89	4.40 -3.95 22.05	4.51 -5.02 28.81	9.96 -4.86 22.55	9.96 -4.76 21.90	12.87 -3.93 15.98	8.92 -3.37 14.90	11.45 -2.95 9.96	7.73 -2.87 12.55
CHAT_HIGH_FALL_HYD 323578	-0.38 -2.89 14.12	0.48 -2.46 11.55	-0.07 -2.38 11.96	0.58 -2.23 10.85	0.86 -2.16 10.85	0.82 -2.49 13.63	1.80 -2.70 13.97	2.52 -2.99 14.98	3.48 -3.40 16.59	7.03 -3.80 16.14	7.51 -3.84 16.88	6.30 -3.83 18.23	11.98 -4.59 17.18	11.97 -4.66 18.43	15.93 -4.65 14.91	12.00 -5.07 20.79	3.99 -4.04 22.37	4.10 -5.10 29.15	8.89 -4.93 23.54	8.93 -4.80 22.90	12.02 -3.97 16.79	8.12 -3.40 15.67	10.91 -2.97 10.47	7.04 -2.92 13.20
CHAUTAUQUA___LFGE 323629	18.89 0.65 -1.61	16.89 0.64 -1.76	16.27 0.60 -1.40	15.47 0.56 -1.25	15.46 0.53 -1.06	18.30 0.53 -0.83	19.71 0.37 -0.87	22.00 0.31 -1.20	24.70 0.52 -0.72	27.90 0.65 -0.29	28.82 0.53 -0.06	29.21 0.43 -0.43	35.50 1.75 0.00	36.67 1.61 0.00	36.62 1.14 0.00	38.81 0.95 0.00	36.55 0.37 -5.78	43.71 0.27 -5.09	41.25 0.19 -3.69	39.31 0.47 -2.21	33.77 0.36 -0.63	28.96 0.49 -1.28	26.43 0.56 -1.51	24.95 0.83 -0.96
CHERRYST_13_KV_LD 356241	26.71 0.82 -9.26	25.28 0.70 -10.09	22.96 0.66 -8.03	21.43 0.60 -7.17	20.56 0.61 -6.08	22.24 0.75 -4.55	24.14 0.89 -4.78	28.60 1.31 -6.80	29.31 1.67 -4.18	30.86 2.00 -1.89	30.78 2.00 -0.55	33.03 2.16 -2.52	36.85 2.53 -0.57	37.76 2.70 0.00	38.49 2.98 -0.02	41.40 3.22 -0.31	67.77 2.83 -34.54	72.50 3.53 -30.62	63.04 3.25 -22.42	52.88 2.97 -13.29	38.52 2.29 -3.45	36.78 2.04 -7.55	34.85 1.75 -8.74	29.88 1.27 -5.44
CHESTROR_138KV_BK263 355645	25.74 0.50 -8.61	24.30 0.42 -9.38	22.15 0.41 -7.47	20.72 0.40 -6.66	19.91 0.39 -5.65	21.65 0.47 -4.23	23.43 0.52 -4.45	27.57 0.78 -6.30	28.32 0.99 -3.87	29.84 1.13 -1.73	29.87 1.16 -0.49	31.96 1.28 -2.33	35.74 1.52 -0.48	36.74 1.68 0.00	37.39 1.88 -0.02	40.18 2.04 -0.26	64.04 1.76 -31.87	68.85 2.26 -28.24	60.16 2.13 -20.66	50.86 1.98 -12.26	37.59 1.61 -3.20	35.50 1.33 -6.97	33.57 1.12 -8.09	28.99 0.79 -5.04
CH_MIDHUDSON___DRP 24192	26.66 0.60 -9.43	25.29 0.52 -10.28	22.96 0.51 -8.18	21.44 0.48 -7.29	20.55 0.49 -6.19	22.17 0.59 -4.63	23.98 0.65 -4.87	28.27 0.92 -6.86	28.79 1.13 -4.19	30.12 1.32 -1.83	30.07 1.35 -0.49	32.31 1.45 -2.51	35.89 1.75 -0.39	36.95 1.89 0.00	37.60 2.09 -0.02	40.39 2.31 -0.22	66.84 2.10 -34.34	71.28 2.65 -30.28	61.99 2.50 -22.11	52.08 2.31 -13.16	38.16 1.87 -3.51	36.26 1.55 -7.52	34.42 1.32 -8.75	29.59 0.95 -5.48
CH_MISC_IPPS 23765	26.58 0.68 -9.26	25.17 0.58 -10.10	22.86 0.56 -8.04	21.36 0.53 -7.17	20.50 0.54 -6.08	22.14 0.64 -4.55	23.99 0.74 -4.78	28.29 1.04 -6.75	28.88 1.29 -4.13	30.30 1.51 -1.82	30.27 1.55 -0.50	32.51 1.67 -2.48	36.24 2.06 -0.44	37.33 2.28 0.00	38.02 2.52 -0.02	40.87 2.76 -0.24	66.68 2.40 -33.88	71.41 3.07 -29.99	62.20 2.92 -21.92	52.35 2.71 -13.03	38.39 2.16 -3.45	36.41 1.79 -7.43	34.51 1.51 -8.64	29.67 1.11 -5.40
CH_RES_BVR_FALLS 23983	9.20 -1.41 6.02	8.49 -1.23 4.77	7.98 -1.18 5.10	8.04 -1.11 4.52	11.00 -1.08 1.79	11.42 -1.29 4.24	12.20 -1.40 4.86	15.69 -1.58 3.22	17.75 -1.83 3.89	18.90 -2.10 5.97	19.85 -2.15 6.23	21.25 -2.13 4.98	24.48 -2.57 6.70	25.33 -2.63 7.10	26.59 -2.63 6.27	27.13 -2.88 7.86	25.18 -2.28 2.94	32.39 -2.88 3.08	25.89 -2.80 8.67	25.17 -2.75 8.70	23.30 -2.39 7.09	18.52 -2.01 6.66	18.09 -1.78 4.49	15.85 -1.71 5.60

CH_RES_NIAGARA 23895	18.18 0.10 -1.44	16.24 0.17 -1.57	15.66 0.14 -1.25	14.86 0.08 -1.12	14.85 0.03 -0.95	17.47 -0.22 -0.75	18.76 -0.50 -0.79	20.80 -0.78 -1.09	23.39 -0.73 -0.65	26.37 -0.86 -0.26	27.12 -1.16 -0.06	27.41 -1.33 -0.39	32.83 -0.91 0.00	33.87 -1.19 0.00	33.75 -1.74 0.00	35.78 -2.08 0.00	34.03 -1.61 -5.24	40.81 -2.15 -4.61	38.55 -2.17 -3.34	36.79 -1.83 -2.00	31.64 -1.71 -0.57	27.18 -1.17 -1.16	24.90 -0.83 -1.37	23.78 -0.25 -0.87
CH_RES_SYRACUSE 23985	18.45 0.17 -1.65	16.22 0.14 -1.58	15.81 0.13 -1.42	15.04 0.12 -1.25	14.83 0.11 -0.84	18.05 0.15 -0.95	19.63 0.20 -0.96	21.66 0.14 -1.02	24.39 0.12 -0.80	27.90 0.16 -0.76	29.08 0.20 -0.66	29.28 0.17 -0.75	34.71 0.27 -0.70	36.07 0.28 -0.74	36.33 0.14 -0.70	38.86 0.19 -0.80	34.18 0.09 -3.68	41.79 0.15 -3.29	40.48 0.11 -3.00	38.86 0.07 -2.17	34.00 0.07 -1.16	28.73 0.05 -1.49	25.76 0.02 -1.38	24.48 0.14 -1.18
CLINTON_WT_PWR 323605	0.36 -2.84 13.43	1.06 -2.42 11.01	0.55 -2.34 11.37	1.14 -2.19 10.34	1.09 -2.14 10.65	1.34 -2.46 13.14	2.40 -2.66 13.41	2.93 -2.95 14.61	3.97 -3.36 16.14	7.77 -3.75 15.45	8.31 -3.75 16.16	6.96 -3.74 17.66	12.85 -4.49 16.40	12.90 -4.56 17.60	16.76 -4.54 14.19	12.98 -5.00 19.89	4.40 -3.95 22.05	4.51 -5.02 28.81	9.96 -4.86 22.55	9.96 -4.76 21.90	12.87 -3.93 15.98	8.92 -3.37 14.90	11.45 -2.95 9.96	7.73 -2.87 12.55
CLINTON___LFGE 323618	0.21 -2.81 13.61	0.97 -2.38 11.15	0.43 -2.31 11.53	1.03 -2.16 10.47	1.06 -2.11 10.70	1.25 -2.42 13.27	2.30 -2.60 13.56	2.89 -2.89 14.71	3.97 -3.24 16.26	7.73 -3.61 15.63	8.24 -3.64 16.35	6.92 -3.63 17.81	12.85 -4.29 16.61	12.86 -4.38 17.82	16.78 -4.33 14.38	12.97 -4.77 20.12	4.47 -3.80 22.13	4.65 -4.79 28.90	9.89 -4.67 22.81	9.92 -4.54 22.16	12.92 -3.67 16.19	8.91 -3.18 15.10	11.49 -2.78 10.09	7.71 -2.73 12.72
COBBLENY_34_KV_TB1 80064	18.62 0.37 -1.62	16.59 0.33 -1.77	15.97 0.30 -1.41	15.19 0.27 -1.25	15.17 0.24 -1.06	17.93 0.15 -0.83	19.31 -0.04 -0.88	21.54 -0.16 -1.21	24.17 -0.02 -0.72	27.26 0.00 -0.29	28.17 -0.11 -0.06	28.47 -0.31 -0.43	34.76 1.01 0.00	35.83 0.77 0.00	35.84 0.35 0.00	38.06 0.19 0.00	35.88 -0.33 -5.81	42.88 -0.58 -5.11	40.48 -0.60 -3.71	38.55 -0.29 -2.22	33.08 -0.33 -0.63	28.37 -0.11 -1.29	25.90 0.02 -1.52	24.49 0.37 -0.96
COFFEEN_115KV_TB3 355620	24.80 -0.20 -8.37	21.14 -0.14 -6.79	21.25 -0.11 -7.10	19.83 -0.12 -6.29	16.49 -0.07 -2.69	22.70 -0.02 -5.77	25.06 -0.02 -6.61	24.92 -0.16 -4.59	28.39 -0.38 -5.29	34.39 -0.43 -7.85	35.86 -0.48 -8.12	34.40 -0.57 -6.61	41.70 -0.74 -8.70	43.62 -0.67 -9.23	42.74 -0.89 -8.14	47.01 -1.06 -10.21	35.50 -0.67 -5.77	43.44 -0.61 -5.70	49.84 -0.04 -12.50	48.88 0.22 -12.04	42.24 0.03 -9.42	36.24 -0.03 -9.08	30.50 -0.19 -6.33	30.62 -0.14 -7.60
COLDSPRG_115KV_BK1 355956	18.96 0.63 -1.69	16.93 0.59 -1.85	16.28 0.54 -1.47	15.52 0.55 -1.31	15.53 0.54 -1.11	18.37 0.56 -0.86	19.86 0.48 -0.91	22.26 0.51 -1.26	24.93 0.70 -0.75	28.16 0.89 -0.30	29.19 0.90 -0.06	29.57 0.77 -0.45	36.38 2.63 0.00	37.51 2.45 0.00	37.54 2.06 0.00	39.80 1.93 0.00	37.15 0.70 -6.04	44.32 0.65 -5.32	41.79 0.56 -3.86	39.85 0.92 -2.31	34.19 0.75 -0.66	29.35 0.82 -1.34	26.72 0.78 -1.58	25.09 0.93 -1.00
COLONIE_LFGE___ 323577	28.56 0.45 -11.48	27.41 0.41 -12.52	24.61 0.39 -9.96	22.92 0.37 -8.88	21.79 0.37 -7.54	23.04 0.46 -5.64	24.84 0.44 -5.93	29.01 0.59 -7.93	28.84 0.77 -4.60	29.36 0.89 -1.50	29.29 0.93 -0.13	31.98 0.96 -2.65	34.05 1.08 0.78	36.21 1.16 0.00	36.77 1.31 0.03	38.96 1.52 0.43	67.09 1.18 -35.50	70.75 1.49 -30.91	61.01 1.50 -22.15	51.56 1.47 -13.48	38.43 1.38 -4.27	36.27 1.03 -8.05	34.88 0.85 -9.67	30.03 0.60 -6.27
COOPERNY_115KV_TB1 80082	23.99 0.37 -6.99	22.43 0.32 -7.62	20.65 0.31 -6.07	19.38 0.30 -5.41	18.77 0.31 -4.59	20.75 0.37 -3.43	22.47 0.39 -3.61	26.16 0.57 -5.10	27.33 0.75 -3.11	29.17 0.84 -1.36	29.47 0.87 -0.37	31.18 0.96 -1.86	35.21 1.15 -0.32	36.32 1.26 0.00	36.88 1.38 -0.01	39.52 1.48 -0.18	57.17 1.28 -25.49	62.57 1.61 -22.61	55.42 1.53 -16.52	47.87 1.43 -9.82	36.56 1.18 -2.60	33.80 1.01 -5.60	31.70 0.83 -6.52	27.82 0.58 -4.07
COPENHAGEN_WT_PWR 323753	24.28 -0.32 -7.96	20.70 -0.26 -6.47	20.79 -0.23 -6.75	19.41 -0.23 -5.98	16.25 -0.19 -2.57	22.25 -0.17 -5.48	24.54 -0.20 -6.27	24.52 -0.35 -4.37	27.93 -0.56 -5.02	33.76 -0.65 -7.43	35.22 -0.68 -7.68	33.82 -0.79 -6.26	40.99 -0.98 -8.22	42.83 -0.94 -8.72	42.05 -1.14 -7.70	46.23 -1.29 -9.65	35.13 -0.88 -5.61	42.96 -0.92 -5.53	48.84 -0.45 -11.92	47.81 -0.25 -11.44	41.35 -0.36 -8.93	35.45 -0.35 -8.62	29.95 -0.44 -6.03	30.02 -0.35 -7.21
CORNELL_____ 23752	19.18 0.48 -2.07	17.17 0.42 -2.25	16.46 0.40 -1.79	15.66 0.40 -1.60	15.62 0.39 -1.36	18.47 0.51 -1.02	20.13 0.59 -1.08	22.59 0.61 -1.48	25.01 0.66 -0.89	28.05 0.73 -0.35	29.06 0.76 -0.08	29.59 0.71 -0.53	34.82 1.08 0.00	36.18 1.12 0.00	36.44 0.96 0.00	38.93 1.06 0.00	38.33 0.79 -7.13	45.74 1.11 -6.28	43.08 1.16 -4.55	40.52 1.17 -2.73	34.57 1.02 -0.77	29.62 0.84 -1.58	26.88 0.66 -1.86	25.02 0.67 -1.18
CORONAAY_69_KV_TB1 355595	31.16 1.11 -13.41	26.20 0.96 -10.75	24.21 0.93 -9.02	21.70 0.87 -7.17	20.84 0.89 -6.08	25.30 1.07 -7.29	26.87 1.18 -7.22	28.81 1.52 -6.80	29.61 1.95 -4.20	31.72 2.18 -2.57	34.72 2.20 -4.29	35.75 2.38 -5.01	37.18 2.87 -0.57	39.01 3.05 -0.90	63.49 3.34 -24.67	59.66 3.60 -18.20	67.87 2.92 -34.55	72.58 3.60 -30.63	63.16 3.36 -22.43	53.10 3.19 -13.30	39.15 2.79 -3.58	37.16 2.42 -7.55	36.44 2.14 -9.94	35.02 1.67 -10.19
CORTLAND_115KV_TB3 80093	18.62 0.30 -1.69	16.59 0.26 -1.84	15.97 0.24 -1.46	15.22 0.25 -1.31	15.23 0.25 -1.11	18.08 0.31 -0.83	19.72 0.37 -0.88	22.07 0.37 -1.21	24.59 0.40 -0.73	27.72 0.46 -0.29	28.77 0.48 -0.06	29.24 0.45 -0.43	34.52 0.78 0.00	35.83 0.77 0.00	36.16 0.67 0.00	38.59 0.72 0.00	36.72 0.49 -5.82	44.13 0.65 -5.12	41.76 0.67 -3.72	39.54 0.70 -2.23	34.00 0.59 -0.63	28.97 0.49 -1.29	26.27 0.39 -1.52	24.54 0.42 -0.97
COXSACKIE___GT 23611	28.25 0.88 -10.73	26.91 0.72 -11.70	24.26 0.68 -9.31	22.64 0.67 -8.30	21.59 0.67 -7.05	23.06 0.85 -5.27	24.93 0.92 -5.54	29.23 1.17 -7.57	29.18 1.22 -4.50	30.25 1.59 -1.68	30.13 1.61 -0.30	32.24 1.25 -2.64	35.09 1.59 0.24	36.67 1.61 0.00	37.39 1.91 0.01	40.19 2.46 0.13	68.11 2.10 -35.61	72.30 2.76 -31.19	62.83 2.92 -22.55	53.20 3.00 -13.58	39.17 2.39 -3.99	36.94 1.79 -7.95	35.34 1.56 -9.42	30.45 1.27 -6.02
CPV_VALLEY___CC1 323721	25.02 0.35 -8.03	23.56 0.30 -8.76	21.54 0.30 -6.97	20.17 0.29 -6.22	19.44 0.29 -5.27	21.25 0.36 -3.94	23.01 0.39 -4.15	26.98 0.61 -5.87	27.89 0.82 -3.60	29.52 0.94 -1.60	29.63 0.96 -0.45	31.60 1.08 -2.16	35.45 1.28 -0.43	36.46 1.40 0.00	37.06 1.56 -0.02	39.81 1.71 -0.23	61.52 1.49 -29.63	66.47 1.88 -26.24	58.32 1.76 -19.19	49.62 1.61 -11.40	37.05 1.28 -2.99	34.77 1.09 -6.49	32.81 0.93 -7.53	28.46 0.60 -4.70

CPV_VALLEY___CC2 323722	25.02 0.35 -8.03	23.56 0.30 -8.76	21.54 0.30 -6.97	20.17 0.29 -6.22	19.44 0.29 -5.27	21.25 0.36 -3.94	23.01 0.39 -4.15	26.98 0.61 -5.87	27.89 0.82 -3.60	29.52 0.94 -1.60	29.63 0.96 -0.45	31.60 1.08 -2.16	35.45 1.28 -0.43	36.46 1.40 0.00	37.06 1.56 -0.02	39.81 1.71 -0.23	61.52 1.49 -29.63	66.47 1.88 -26.24	58.32 1.76 -19.19	49.62 1.61 -11.40	37.05 1.28 -2.99	34.77 1.09 -6.49	32.81 0.93 -7.53	28.46 0.60 -4.70
CRESCENT___HYD 24018	28.56 0.45 -11.48	27.41 0.41 -12.52	24.61 0.39 -9.96	22.92 0.37 -8.88	21.79 0.37 -7.54	23.04 0.46 -5.64	24.84 0.44 -5.93	29.01 0.59 -7.93	28.84 0.77 -4.60	29.36 0.89 -1.50	29.29 0.93 -0.13	31.98 0.96 -2.65	34.05 1.08 0.78	36.21 1.16 0.00	36.77 1.31 0.03	38.96 1.52 0.43	67.09 1.18 -35.50	70.75 1.49 -30.91	61.01 1.50 -22.15	51.56 1.47 -13.48	38.43 1.38 -4.27	36.27 1.03 -8.05	34.88 0.85 -9.67	30.03 0.60 -6.27
CRICKET___VALLEY_CC1 323756	26.68 0.32 -9.73	25.39 0.29 -10.61	23.02 0.31 -8.44	21.51 0.31 -7.53	20.57 0.30 -6.39	22.10 0.37 -4.78	23.88 0.39 -5.03	25.36 0.59 -4.27	25.33 0.80 -1.06	25.06 0.94 2.86	26.61 0.96 2.58	29.36 1.05 0.05	27.03 1.21 7.93	36.36 1.30 0.00	36.70 1.52 0.31	35.17 1.66 4.36	26.04 1.46 5.82	31.80 1.84 8.39	30.18 1.72 8.91	34.89 1.57 3.30	37.68 1.28 -3.62	28.68 1.06 -0.43	27.69 0.88 -2.46	26.70 0.55 -2.98
CRICKET___VALLEY_CC2 323757	26.68 0.32 -9.73	25.39 0.29 -10.61	23.02 0.31 -8.44	21.51 0.31 -7.53	20.57 0.30 -6.39	22.10 0.37 -4.78	23.88 0.39 -5.03	25.36 0.59 -4.27	25.33 0.80 -1.06	25.06 0.94 2.86	26.61 0.96 2.58	29.36 1.05 0.05	27.03 1.21 7.93	36.36 1.30 0.00	36.70 1.52 0.31	35.17 1.66 4.36	26.04 1.46 5.82	31.80 1.84 8.39	30.18 1.72 8.91	34.89 1.57 3.30	37.68 1.28 -3.62	28.68 1.06 -0.43	27.69 0.88 -2.46	26.70 0.55 -2.98
CRICKET___VALLEY_CC3 323758	26.68 0.32 -9.73	25.39 0.29 -10.61	23.02 0.31 -8.44	21.51 0.31 -7.53	20.57 0.30 -6.39	22.10 0.37 -4.78	23.88 0.39 -5.03	25.36 0.59 -4.27	25.33 0.80 -1.06	25.06 0.94 2.86	26.61 0.96 2.58	29.36 1.05 0.05	27.03 1.21 7.93	36.36 1.30 0.00	36.70 1.52 0.31	35.17 1.66 4.36	26.04 1.46 5.82	31.80 1.84 8.39	30.18 1.72 8.91	34.89 1.57 3.30	37.68 1.28 -3.62	28.68 1.06 -0.43	27.69 0.88 -2.46	26.70 0.55 -2.98
CRUCIBLE_METL_DRP 24180	18.45 0.17 -1.65	16.22 0.14 -1.58	15.82 0.13 -1.42	15.04 0.12 -1.25	14.83 0.11 -0.84	18.05 0.15 -0.95	19.63 0.20 -0.96	21.68 0.16 -1.02	24.39 0.12 -0.80	27.89 0.16 -0.76	29.08 0.20 -0.66	29.28 0.17 -0.75	34.72 0.27 -0.70	36.07 0.28 -0.74	36.33 0.14 -0.70	38.86 0.19 -0.80	34.18 0.09 -3.68	41.79 0.15 -3.29	40.48 0.11 -3.00	38.86 0.07 -2.17	34.00 0.07 -1.16	28.73 0.05 -1.49	25.76 0.02 -1.38	24.48 0.14 -1.18
DAHOWA___HYDRO 323763	29.21 0.91 -11.66	28.00 0.80 -12.71	25.15 0.77 -10.11	23.42 0.74 -9.02	22.28 0.75 -7.66	23.60 0.93 -5.72	25.25 0.76 -6.02	29.53 0.94 -8.10	29.35 1.15 -4.73	29.93 1.35 -1.61	29.68 1.27 -0.18	32.32 1.22 -2.74	34.55 1.45 0.65	36.64 1.58 0.00	37.31 1.84 0.03	39.63 2.12 0.36	68.83 1.67 -36.75	72.48 2.07 -32.06	62.64 2.24 -23.03	52.94 2.35 -13.97	39.38 2.26 -4.34	37.12 1.63 -8.30	35.53 1.24 -9.93	30.59 1.02 -6.41
DANC___LFGE 323619	22.10 -0.23 -5.70	19.01 -0.19 -4.71	18.94 -0.17 -4.84	17.79 -0.16 -4.29	15.65 -0.15 -1.93	20.68 -0.14 -3.87	22.72 -0.17 -4.42	23.38 -0.29 -3.18	26.55 -0.47 -3.55	31.56 -0.54 -5.13	32.92 -0.56 -5.26	32.02 -0.68 -4.34	38.56 -0.81 -5.62	40.21 -0.80 -5.96	39.79 -0.96 -5.26	43.40 -1.06 -6.60	34.34 -0.79 -4.73	42.07 -0.84 -4.57	45.53 -0.56 -8.72	44.35 -0.44 -8.17	38.52 -0.46 -6.20	32.90 -0.38 -6.09	28.30 -0.41 -4.36	27.94 -0.30 -5.08
DANSKAMMER___1 23586	26.58 0.68 -9.26	25.17 0.58 -10.10	22.86 0.56 -8.04	21.36 0.53 -7.17	20.50 0.54 -6.08	22.14 0.64 -4.55	23.99 0.74 -4.78	28.29 1.04 -6.75	28.88 1.29 -4.13	30.30 1.51 -1.82	30.27 1.55 -0.50	32.51 1.67 -2.48	36.24 2.06 -0.44	37.33 2.28 0.00	38.02 2.52 -0.02	40.87 2.76 -0.24	66.68 2.40 -33.88	71.41 3.07 -29.99	62.20 2.92 -21.92	52.35 2.71 -13.03	38.39 2.16 -3.45	36.41 1.79 -7.43	34.51 1.51 -8.64	29.67 1.11 -5.40
DANSKAMMER___2 23589	26.58 0.68 -9.26	25.17 0.58 -10.10	22.86 0.56 -8.04	21.36 0.53 -7.17	20.50 0.54 -6.08	22.14 0.64 -4.55	23.99 0.74 -4.78	28.29 1.04 -6.75	28.88 1.29 -4.13	30.30 1.51 -1.82	30.27 1.55 -0.50	32.51 1.67 -2.48	36.24 2.06 -0.44	37.33 2.28 0.00	38.02 2.52 -0.02	40.87 2.76 -0.24	66.68 2.40 -33.88	71.41 3.07 -29.99	62.20 2.92 -21.92	52.35 2.71 -13.03	38.39 2.16 -3.45	36.41 1.79 -7.43	34.51 1.51 -8.64	29.67 1.11 -5.40
DANSKAMMER___3 23590	26.58 0.68 -9.26	25.17 0.58 -10.10	22.86 0.56 -8.04	21.36 0.53 -7.17	20.50 0.54 -6.08	22.14 0.64 -4.55	23.99 0.74 -4.78	28.29 1.04 -6.75	28.88 1.29 -4.13	30.30 1.51 -1.82	30.27 1.55 -0.50	32.51 1.67 -2.48	36.24 2.06 -0.44	37.33 2.28 0.00	38.02 2.52 -0.02	40.87 2.76 -0.24	66.68 2.40 -33.88	71.41 3.07 -29.99	62.20 2.92 -21.92	52.35 2.71 -13.03	38.39 2.16 -3.45	36.41 1.79 -7.43	34.51 1.51 -8.64	29.67 1.11 -5.40
DANSKAMMER___4 23591	26.58 0.68 -9.26	25.17 0.58 -10.10	22.86 0.56 -8.04	21.36 0.53 -7.17	20.50 0.54 -6.08	22.14 0.64 -4.55	23.99 0.74 -4.78	28.29 1.04 -6.75	28.88 1.29 -4.13	30.30 1.51 -1.82	30.27 1.55 -0.50	32.51 1.67 -2.48	36.24 2.06 -0.44	37.33 2.28 0.00	38.02 2.52 -0.02	40.87 2.76 -0.24	66.68 2.40 -33.88	71.41 3.07 -29.99	62.20 2.92 -21.92	52.35 2.71 -13.03	38.39 2.16 -3.45	36.41 1.79 -7.43	34.51 1.51 -8.64	29.67 1.11 -5.40
DANSKAMMER___DIESEL 23592	26.60 0.70 -9.26	25.18 0.59 -10.10	22.89 0.58 -8.04	21.38 0.55 -7.17	20.51 0.55 -6.08	22.17 0.68 -4.55	23.99 0.74 -4.78	28.29 1.05 -6.75	28.89 1.29 -4.13	30.30 1.51 -1.82	30.27 1.55 -0.50	32.51 1.67 -2.48	36.24 2.06 -0.44	37.34 2.28 0.00	38.02 2.52 -0.02	40.87 2.76 -0.24	66.68 2.40 -33.88	71.41 3.07 -29.99	62.20 2.91 -21.92	52.35 2.71 -13.03	38.39 2.16 -3.45	36.42 1.79 -7.43	34.51 1.51 -8.64	29.70 1.13 -5.40
DARBY___SOLAR 323810	29.12 0.85 -11.63	27.91 0.74 -12.68	25.07 0.71 -10.09	23.35 0.68 -9.00	22.21 0.69 -7.64	23.50 0.85 -5.71	25.20 0.72 -6.01	29.47 0.90 -8.07	29.30 1.13 -4.71	29.86 1.29 -1.59	29.67 1.27 -0.18	32.30 1.22 -2.73	34.52 1.45 0.67	36.60 1.54 0.00	37.27 1.81 0.03	39.54 2.04 0.37	68.60 1.64 -36.55	72.22 1.99 -31.88	62.39 2.13 -22.89	52.71 2.20 -13.90	39.21 2.10 -4.33	37.00 1.55 -8.26	35.44 1.19 -9.89	30.50 0.95 -6.39
DASHVILLE___HYD 23610	26.44 0.28 -9.52	25.12 0.25 -10.38	22.76 0.23 -8.26	21.25 0.22 -7.37	20.35 0.22 -6.25	21.89 0.27 -4.68	23.74 0.35 -4.92	27.97 0.61 -6.87	28.43 0.80 -4.17	30.12 1.40 -1.74	30.07 1.41 -0.43	31.95 1.11 -2.48	35.86 1.89 -0.22	36.67 1.61 0.00	37.52 2.02 -0.01	40.45 2.46 -0.12	66.45 2.22 -33.83	70.98 2.88 -29.75	61.73 2.69 -21.67	52.08 2.53 -12.93	37.77 1.44 -3.54	36.04 1.41 -7.44	34.08 1.02 -8.70	29.29 0.65 -5.48

DEERFIELD_69_KV_DEERFIELD LD 355887	32.21 2.16 -13.41	27.15 1.90 -10.75	25.14 1.85 -9.02	22.54 1.71 -7.17	21.70 1.75 -6.08	26.37 2.14 -7.29	28.03 2.35 -7.22	30.06 2.77 -6.80	31.14 3.47 -4.20	33.77 4.23 -2.57	37.20 4.32 -4.65	41.93 4.57 -9.01	53.68 5.50 -14.44	126.00 5.75 -85.19	132.72 6.07 -91.17	139.63 6.48 -95.29	275.37 5.17 -239.79	370.51 6.40 -325.76	320.30 6.09 -276.84	139.32 5.79 -96.91	134.36 5.11 -96.47	78.57 4.30 -47.08	51.70 3.78 -23.56	36.60 3.17 -10.27
DELAWARE___LFGE 323621	20.86 0.47 -3.76	19.01 0.42 -4.10	17.94 0.41 -3.26	16.97 0.40 -2.91	16.76 0.42 -2.47	19.30 0.51 -1.85	20.95 0.54 -1.95	23.86 0.68 -2.69	25.90 0.82 -1.61	28.55 0.94 -0.64	29.32 0.96 -0.14	30.30 0.99 -0.95	35.03 1.28 0.00	36.39 1.33 0.00	36.84 1.35 0.00	39.27 1.40 0.00	44.37 1.06 -12.91	51.05 1.34 -11.35	46.99 1.38 -8.24	42.95 1.39 -4.94	35.36 1.18 -1.40	31.06 1.01 -2.87	28.58 0.85 -3.37	26.00 0.69 -2.14
DERFIELD_115KV_TB7 355931	16.57 -0.07 0.00	14.43 -0.06 0.00	14.21 -0.06 0.00	13.61 -0.05 0.00	13.82 -0.06 0.00	16.88 -0.07 0.00	18.45 -0.11 -0.09	20.50 -0.12 -0.13	23.41 -0.14 -0.08	26.84 -0.16 -0.03	28.06 -0.17 -0.01	28.23 -0.17 -0.05	33.54 -0.20 0.00	34.85 -0.21 0.00	35.31 -0.18 0.00	37.64 -0.23 0.00	30.88 -0.15 -0.63	38.67 -0.23 -0.55	37.58 -0.19 -0.40	36.68 -0.18 -0.24	32.69 -0.16 -0.07	27.19 -0.14 -0.14	24.40 -0.12 -0.16	23.15 -0.12 -0.10
DOGLEVILLE___HYD 23807	16.65 0.02 0.00	14.51 0.01 0.00	14.28 0.01 0.00	13.66 0.00 0.00	13.87 0.00 0.00	16.96 0.02 0.00	18.62 0.06 -0.09	20.69 0.06 -0.13	23.59 0.05 -0.08	27.00 0.00 -0.03	28.20 -0.03 -0.01	28.35 -0.06 -0.05	33.64 -0.10 0.00	34.99 -0.07 0.00	35.38 -0.11 0.00	37.72 -0.15 0.00	30.94 -0.09 -0.63	38.79 -0.11 -0.55	37.70 -0.07 -0.40	36.79 -0.07 -0.24	32.72 -0.13 -0.07	27.33 0.00 -0.14	24.57 0.05 -0.16	23.34 0.07 -0.10
DUNKIRK___115KV_TB_200 55889	18.86 0.62 -1.61	16.83 0.58 -1.75	16.19 0.53 -1.40	15.41 0.51 -1.25	15.42 0.49 -1.06	18.25 0.47 -0.83	19.65 0.31 -0.87	21.96 0.27 -1.20	24.63 0.45 -0.72	27.82 0.57 -0.29	28.79 0.51 -0.06	29.12 0.34 -0.43	35.40 1.65 0.00	36.49 1.44 0.00	36.52 1.03 0.00	38.74 0.87 0.00	36.45 0.27 -5.77	43.58 0.15 -5.08	41.17 0.11 -3.69	39.23 0.40 -2.21	33.70 0.30 -0.63	28.91 0.44 -1.28	26.38 0.51 -1.51	24.88 0.76 -0.96
DUNKIRK___1 23563	18.86 0.62 -1.61	16.83 0.58 -1.75	16.19 0.53 -1.40	15.41 0.51 -1.25	15.42 0.49 -1.06	18.25 0.47 -0.83	19.65 0.31 -0.87	21.96 0.27 -1.20	24.63 0.45 -0.72	27.82 0.57 -0.29	28.79 0.51 -0.06	29.12 0.34 -0.43	35.40 1.65 0.00	36.49 1.44 0.00	36.52 1.03 0.00	38.74 0.87 0.00	36.45 0.27 -5.77	43.58 0.15 -5.08	41.17 0.11 -3.69	39.23 0.40 -2.21	33.70 0.30 -0.63	28.91 0.44 -1.28	26.38 0.51 -1.51	24.88 0.76 -0.96
DUNKIRK___2 23564	18.86 0.62 -1.61	16.83 0.58 -1.75	16.19 0.53 -1.40	15.41 0.51 -1.25	15.42 0.49 -1.06	18.25 0.47 -0.83	19.65 0.31 -0.87	21.96 0.27 -1.20	24.63 0.45 -0.72	27.82 0.57 -0.29	28.79 0.51 -0.06	29.12 0.34 -0.43	35.40 1.65 0.00	36.49 1.44 0.00	36.52 1.03 0.00	38.74 0.87 0.00	36.45 0.27 -5.77	43.58 0.15 -5.08	41.17 0.11 -3.69	39.23 0.40 -2.21	33.70 0.30 -0.63	28.91 0.44 -1.28	26.38 0.51 -1.51	24.88 0.76 -0.96
DUNKIRK___3 23565	18.72 0.48 -1.61	16.69 0.45 -1.75	16.08 0.41 -1.39	15.30 0.40 -1.24	15.29 0.36 -1.05	18.08 0.31 -0.82	19.48 0.15 -0.87	21.75 0.06 -1.20	24.40 0.21 -0.72	27.55 0.30 -0.29	28.48 0.20 -0.06	28.81 0.03 -0.42	35.06 1.32 0.00	36.14 1.09 0.00	36.16 0.67 0.00	38.36 0.49 0.00	36.14 -0.03 -5.76	43.23 -0.19 -5.07	40.79 -0.26 -3.68	38.86 0.04 -2.21	33.37 -0.03 -0.63	28.63 0.16 -1.28	26.13 0.27 -1.51	24.67 0.56 -0.96
DUNKIRK___4 23566	18.72 0.48 -1.61	16.69 0.45 -1.75	16.08 0.41 -1.39	15.30 0.40 -1.24	15.29 0.36 -1.05	18.08 0.31 -0.82	19.48 0.15 -0.87	21.75 0.06 -1.20	24.40 0.21 -0.72	27.55 0.30 -0.29	28.48 0.20 -0.06	28.81 0.03 -0.42	35.06 1.32 0.00	36.14 1.09 0.00	36.16 0.67 0.00	38.36 0.49 0.00	36.14 -0.03 -5.76	43.23 -0.19 -5.07	40.79 -0.26 -3.68	38.86 0.04 -2.21	33.37 -0.03 -0.63	28.63 0.16 -1.28	26.13 0.27 -1.51	24.67 0.56 -0.96
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	26.61 0.72 -9.26	25.20 0.61 -10.09	22.89 0.58 -8.03	21.38 0.55 -7.17	20.51 0.55 -6.08	22.17 0.68 -4.55	24.03 0.78 -4.78	28.40 1.11 -6.80	29.08 1.43 -4.18	30.56 1.70 -1.89	30.49 1.72 -0.55	32.75 1.87 -2.52	36.51 2.19 -0.57	37.41 2.35 0.00	38.13 2.63 -0.02	41.02 2.84 -0.31	67.41 2.46 -34.54	72.04 3.07 -30.62	62.67 2.88 -22.42	52.55 2.64 -13.29	38.33 2.10 -3.45	36.56 1.82 -7.55	34.63 1.53 -8.74	29.71 1.11 -5.44
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	26.19 0.57 -8.99	24.78 0.49 -9.80	22.54 0.47 -7.80	21.07 0.45 -6.96	20.23 0.46 -5.90	21.90 0.54 -4.41	23.72 0.61 -4.64	27.93 0.88 -6.56	28.58 1.10 -4.01	30.04 1.29 -1.77	30.04 1.33 -0.49	32.18 1.42 -2.41	35.94 1.75 -0.44	36.99 1.93 0.00	37.63 2.13 -0.02	40.46 2.35 -0.24	65.45 2.07 -32.97	70.13 2.61 -29.18	61.16 2.47 -21.33	51.60 2.31 -12.67	37.96 1.84 -3.34	35.96 1.55 -7.22	34.04 1.29 -8.40	29.33 0.93 -5.24
E179THST_138_KV_TB4_REV_LBMP_J 345001	26.78 0.88 -9.27	25.33 0.74 -10.10	22.98 0.67 -8.04	21.45 0.61 -7.17	20.60 0.64 -6.09	22.27 0.78 -4.55	24.12 0.87 -4.78	28.48 1.19 -6.80	29.08 1.43 -4.18	30.78 1.91 -1.89	30.69 1.92 -0.55	32.92 2.04 -2.52	36.54 2.23 -0.57	37.65 2.59 0.00	38.42 2.91 -0.02	41.22 3.03 -0.32	67.57 2.61 -34.55	72.28 3.30 -30.63	62.82 3.03 -22.43	52.74 2.82 -13.30	38.36 2.13 -3.45	36.76 2.01 -7.55	34.88 1.78 -8.75	29.93 1.32 -5.45
E179THST_13_KV_LOAD 356214	26.87 0.96 -9.27	25.41 0.81 -10.10	23.05 0.74 -8.04	21.52 0.68 -7.17	20.65 0.69 -6.09	22.34 0.85 -4.55	24.21 0.96 -4.78	28.60 1.31 -6.80	29.22 1.57 -4.18	30.94 2.08 -1.89	30.86 2.09 -0.55	33.09 2.21 -2.52	36.74 2.43 -0.57	37.86 2.80 0.00	38.63 3.12 -0.02	41.48 3.29 -0.32	67.81 2.86 -34.55	72.58 3.60 -30.63	63.12 3.33 -22.43	53.03 3.11 -13.30	38.55 2.33 -3.45	36.95 2.20 -7.55	35.03 1.92 -8.75	30.07 1.46 -5.45
EAST HAMPTON___GT 23717	32.47 2.43 -13.41	27.36 2.12 -10.75	25.36 2.07 -9.02	22.74 1.91 -7.17	21.93 1.97 -6.09	26.62 2.39 -7.29	28.35 2.66 -7.22	30.45 3.15 -6.80	31.61 3.94 -4.20	34.37 4.83 -2.57	37.88 5.00 -4.65	42.64 5.27 -9.01	54.56 6.38 -14.44	126.86 6.63 -85.17	133.56 6.92 -91.15	140.60 7.46 -95.27	276.12 5.96 -239.75	371.42 7.36 -325.70	321.15 6.99 -276.79	140.18 6.67 -96.90	135.10 5.87 -96.45	79.19 4.92 -47.08	52.23 4.31 -23.56	37.09 3.66 -10.27
EAST RIVER___6 23660	26.66 0.77 -9.26	25.22 0.64 -10.09	22.90 0.60 -8.03	21.38 0.55 -7.17	20.51 0.56 -6.08	22.15 0.66 -4.55	24.04 0.79 -4.78	28.52 1.23 -6.80	29.22 1.57 -4.18	30.75 1.89 -1.89	30.66 1.89 -0.55	32.94 2.07 -2.52	36.75 2.43 -0.57	37.65 2.59 0.00	38.38 2.87 -0.02	41.29 3.11 -0.31	67.71 2.77 -34.54	72.42 3.45 -30.62	62.96 3.17 -22.42	52.80 2.89 -13.29	38.42 2.20 -3.45	36.72 1.98 -7.55	34.80 1.70 -8.74	29.85 1.25 -5.44

EAST RIVER___7 23524	26.66 0.77 -9.26	25.22 0.64 -10.09	22.90 0.60 -8.03	21.38 0.55 -7.17	20.51 0.56 -6.08	22.15 0.66 -4.55	24.04 0.79 -4.78	28.52 1.23 -6.80	29.22 1.57 -4.18	30.75 1.89 -1.89	30.66 1.89 -0.55	32.94 2.07 -2.52	36.75 2.43 -0.57	37.65 2.59 0.00	38.38 2.87 -0.02	41.29 3.11 -0.31	67.71 2.77 -34.54	72.42 3.45 -30.62	62.96 3.17 -22.42	52.80 2.89 -13.29	38.42 2.20 -3.45	36.72 1.98 -7.55	34.80 1.70 -8.74	29.85 1.25 -5.44
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	26.54 0.67 -9.24	25.14 0.58 -10.07	22.84 0.56 -8.01	21.33 0.52 -7.15	20.45 0.51 -6.07	22.11 0.63 -4.54	23.96 0.72 -4.77	28.32 1.05 -6.78	29.00 1.36 -4.17	30.45 1.59 -1.89	30.41 1.64 -0.55	32.63 1.76 -2.51	36.40 2.09 -0.57	37.30 2.24 0.00	37.99 2.48 -0.02	40.87 2.69 -0.31	67.21 2.34 -34.47	71.86 2.95 -30.55	62.51 2.77 -22.37	52.41 2.53 -13.27	38.22 2.00 -3.44	36.43 1.71 -7.53	34.54 1.46 -8.72	29.63 1.04 -5.43
EAST_HAMPTON___DIESEL 23722	32.47 2.43 -13.41	27.36 2.12 -10.75	25.36 2.07 -9.02	22.74 1.91 -7.17	21.93 1.97 -6.09	26.64 2.41 -7.29	28.37 2.68 -7.22	30.47 3.18 -6.80	31.63 3.97 -4.20	34.37 4.83 -2.57	37.90 5.02 -4.65	42.64 5.27 -9.01	54.60 6.41 -14.44	126.89 6.66 -85.17	133.60 6.96 -91.16	140.64 7.50 -95.27	276.12 5.96 -239.75	371.42 7.36 -325.71	321.15 6.99 -276.79	140.22 6.70 -96.90	135.13 5.90 -96.45	79.19 4.92 -47.08	52.23 4.31 -23.56	37.09 3.66 -10.27
EAST_PULASKI___ESR 323781	19.96 -0.10 -3.43	17.34 -0.09 -2.93	17.10 -0.09 -2.92	16.17 -0.08 -2.59	15.07 -0.08 -1.28	19.14 -0.07 -2.26	20.96 -0.07 -2.56	22.28 -0.18 -1.97	25.20 -0.33 -2.06	29.40 -0.38 -2.80	30.68 -0.37 -2.82	30.27 -0.51 -2.42	36.14 -0.61 -3.01	37.61 -0.63 -3.19	37.55 -0.75 -2.81	40.60 -0.80 -3.53	33.61 -0.64 -3.84	41.22 -0.73 -3.60	42.27 -0.60 -5.50	40.94 -0.55 -4.87	35.75 -0.49 -3.46	30.33 -0.41 -3.55	26.71 -0.32 -2.67	25.91 -0.19 -2.93
EAST_RIVER___1 323558	26.62 0.73 -9.26	25.21 0.62 -10.09	22.88 0.59 -8.03	21.38 0.55 -7.17	20.51 0.56 -6.08	22.15 0.66 -4.55	24.06 0.81 -4.78	28.50 1.21 -6.80	29.20 1.55 -4.18	30.72 1.86 -1.89	30.63 1.86 -0.55	32.89 2.01 -2.52	36.68 2.36 -0.57	37.55 2.49 0.00	38.31 2.80 -0.02	41.21 3.03 -0.31	67.59 2.64 -34.54	72.27 3.30 -30.62	62.85 3.07 -22.42	52.69 2.78 -13.29	38.42 2.20 -3.45	36.67 1.93 -7.55	34.75 1.66 -8.74	29.81 1.20 -5.44
EAST_RIVER___2 323559	26.66 0.77 -9.26	25.22 0.64 -10.09	22.90 0.60 -8.03	21.38 0.55 -7.17	20.51 0.56 -6.08	22.15 0.66 -4.55	24.04 0.79 -4.78	28.52 1.23 -6.80	29.22 1.57 -4.18	30.75 1.89 -1.89	30.66 1.89 -0.55	32.94 2.07 -2.52	36.75 2.43 -0.57	37.65 2.59 0.00	38.38 2.87 -0.02	41.29 3.11 -0.31	67.71 2.77 -34.54	72.42 3.45 -30.62	62.96 3.17 -22.42	52.80 2.89 -13.29	38.42 2.20 -3.45	36.72 1.98 -7.55	34.80 1.70 -8.74	29.85 1.25 -5.44
EAST___DELAWARE_HYD 23607	25.40 0.43 -8.33	23.94 0.36 -9.08	21.84 0.34 -7.23	20.44 0.33 -6.45	19.68 0.33 -5.47	21.44 0.41 -4.09	23.20 0.43 -4.30	27.20 0.66 -6.05	28.09 0.89 -3.73	29.60 1.02 -1.61	29.66 1.01 -0.42	31.75 1.16 -2.23	35.53 1.48 -0.31	36.74 1.68 0.00	37.38 1.88 -0.01	40.12 2.08 -0.17	62.88 1.98 -30.50	67.35 2.42 -26.58	59.12 2.36 -19.40	50.36 2.20 -11.55	37.59 1.70 -3.10	35.21 1.41 -6.61	33.21 1.15 -7.71	28.78 0.79 -4.83
EIGHT_POINT___WT_PWR 323820	19.03 0.48 -1.92	17.02 0.43 -2.09	16.36 0.43 -1.66	15.60 0.45 -1.48	15.56 0.43 -1.26	18.40 0.49 -0.96	19.96 0.48 -1.01	22.38 0.49 -1.40	24.94 0.63 -0.84	28.06 0.75 -0.33	29.00 0.71 -0.07	29.45 0.60 -0.49	35.30 1.55 0.00	36.53 1.47 0.00	36.62 1.14 0.00	39.00 1.13 0.00	37.65 0.55 -6.70	44.90 0.65 -5.90	42.28 0.63 -4.28	39.95 0.77 -2.56	34.20 0.69 -0.73	29.47 0.79 -1.49	26.79 0.68 -1.75	25.10 0.83 -1.11
ELBRIDGE_115KV_TB2 80188	17.82 0.15 -1.04	15.74 0.12 -1.13	15.27 0.10 -0.90	14.57 0.11 -0.80	14.65 0.10 -0.68	17.59 0.14 -0.51	19.15 0.15 -0.54	21.32 0.08 -0.74	23.96 0.05 -0.44	27.20 0.05 -0.18	28.35 0.08 -0.04	28.68 0.06 -0.26	33.91 0.17 0.00	35.20 0.14 0.00	35.52 0.04 0.00	37.91 0.04 0.00	33.93 -0.03 -3.56	41.48 0.00 -3.13	39.61 -0.04 -2.27	37.94 -0.04 -1.36	33.17 0.00 -0.39	27.95 -0.03 -0.79	25.26 -0.02 -0.93	23.84 0.09 -0.59
ELEC_TRO_TEK 24086	31.04 1.00 -13.41	26.12 0.87 -10.75	24.13 0.84 -9.02	21.62 0.79 -7.17	20.76 0.80 -6.08	25.20 0.97 -7.29	26.74 1.05 -7.22	28.68 1.39 -6.80	29.47 1.81 -4.20	31.59 2.05 -2.57	34.55 2.03 -4.29	35.58 2.21 -5.01	36.91 2.60 -0.57	38.73 2.77 -0.90	63.14 2.98 -24.67	59.28 3.22 -18.20	67.57 2.61 -34.55	72.20 3.22 -30.63	62.79 2.99 -22.43	52.74 2.82 -13.30	38.82 2.46 -3.58	36.91 2.18 -7.55	36.20 1.90 -9.94	34.81 1.46 -10.19
ELLENBURG_WT_PWR 323604	0.36 -2.84 13.43	1.06 -2.42 11.01	0.55 -2.34 11.37	1.14 -2.19 10.34	1.09 -2.14 10.65	1.34 -2.46 13.14	2.40 -2.66 13.41	2.93 -2.95 14.61	3.97 -3.36 16.14	7.77 -3.75 15.45	8.31 -3.75 16.16	6.96 -3.74 17.66	12.85 -4.49 16.40	12.90 -4.56 17.60	16.76 -4.54 14.19	12.98 -5.00 19.89	4.40 -3.95 22.05	4.51 -5.02 28.81	9.96 -4.86 22.55	9.96 -4.76 21.90	12.87 -3.93 15.98	8.92 -3.37 14.90	11.45 -2.95 9.96	7.73 -2.87 12.55
ELM_ST_23_KV_LD_REV_LBMP_A 345012	18.51 0.35 -1.53	16.51 0.35 -1.67	15.89 0.30 -1.33	15.12 0.27 -1.18	15.11 0.24 -1.00	17.87 0.14 -0.79	19.23 -0.07 -0.83	21.40 -0.25 -1.15	24.04 -0.12 -0.69	27.14 -0.11 -0.27	28.03 -0.25 -0.06	28.28 -0.48 -0.41	34.25 0.51 0.00	35.30 0.25 0.00	35.31 -0.18 0.00	37.45 -0.42 0.00	35.34 -0.58 -5.51	42.32 -0.88 -4.85	39.99 -0.90 -3.52	38.11 -0.62 -2.11	32.76 -0.62 -0.60	28.09 -0.33 -1.22	25.68 -0.12 -1.44	24.35 0.28 -0.91
EMPIRE_CC_1 323656	27.68 0.13 -10.91	26.52 0.13 -11.89	23.86 0.13 -9.46	22.23 0.12 -8.44	21.19 0.15 -7.16	22.45 0.15 -5.36	24.25 0.15 -5.63	28.20 0.27 -7.44	28.13 0.40 -4.26	28.70 0.46 -1.27	28.75 0.51 -0.02	31.30 0.51 -2.43	33.23 0.51 1.02	35.58 0.53 0.00	36.16 0.71 0.04	38.10 0.80 0.56	63.39 0.64 -32.35	67.19 0.81 -28.04	58.14 0.79 -19.98	49.59 0.73 -12.24	37.50 0.66 -4.06	35.08 0.49 -7.40	33.74 0.41 -8.97	29.24 0.21 -5.87
EMPIRE_CC_2 323658	27.68 0.13 -10.91	26.52 0.13 -11.89	23.86 0.13 -9.46	22.23 0.12 -8.44	21.19 0.15 -7.16	22.45 0.15 -5.36	24.25 0.15 -5.63	28.20 0.27 -7.44	28.13 0.40 -4.26	28.70 0.46 -1.27	28.75 0.51 -0.02	31.30 0.51 -2.43	33.23 0.51 1.02	35.58 0.53 0.00	36.16 0.71 0.04	38.10 0.80 0.56	63.39 0.64 -32.35	67.19 0.81 -28.04	58.14 0.79 -19.98	49.59 0.73 -12.24	37.50 0.66 -4.06	35.08 0.49 -7.40	33.74 0.41 -8.97	29.24 0.21 -5.87
ENORWICH_115KV_TB1 80156	20.57 1.15 -2.79	18.59 1.06 -3.04	17.76 1.07 -2.42	16.83 1.01 -2.16	16.77 1.07 -1.83	19.68 1.36 -1.37	21.45 1.53 -1.45	24.15 1.66 -2.00	26.43 1.76 -1.20	29.44 2.00 -0.47	30.30 1.98 -0.10	31.02 1.96 -0.71	36.34 2.60 0.00	37.83 2.77 0.00	38.08 2.59 0.00	40.44 2.57 0.00	42.13 2.13 -9.60	49.59 2.80 -8.44	46.71 3.21 -6.13	43.55 3.26 -3.67	36.61 2.79 -1.04	31.58 2.26 -2.13	28.72 1.85 -2.51	26.51 1.76 -1.59

ERIE_ST__34_KV_TB1-2 80199	18.42 0.20 -1.59	16.42 0.20 -1.73	15.80 0.16 -1.38	15.03 0.14 -1.23	15.03 0.11 -1.04	17.78 0.02 -0.81	19.14 -0.18 -0.86	21.37 -0.31 -1.18	23.99 -0.19 -0.71	27.09 -0.16 -0.28	28.03 -0.25 -0.06	28.35 -0.43 -0.42	35.06 1.32 0.00	36.18 1.12 0.00	36.23 0.75 0.00	38.44 0.57 0.00	35.64 -0.46 -5.69	42.59 -0.77 -5.00	40.22 -0.78 -3.63	38.32 -0.48 -2.18	32.91 -0.49 -0.62	28.18 -0.27 -1.26	25.72 -0.12 -1.49	24.29 0.19 -0.94
ERIE_WT_PWR 323693	18.58 0.38 -1.56	16.59 0.39 -1.71	15.98 0.36 -1.36	15.19 0.31 -1.21	15.16 0.26 -1.03	17.95 0.20 -0.80	19.30 -0.02 -0.85	21.50 -0.16 -1.17	24.15 -0.02 -0.70	27.25 0.00 -0.28	28.09 -0.20 -0.06	28.43 -0.34 -0.41	34.59 0.84 0.00	35.72 0.66 0.00	35.67 0.18 0.00	37.83 -0.04 0.00	35.60 -0.43 -5.62	42.61 -0.69 -4.95	40.25 -0.71 -3.59	38.37 -0.40 -2.15	32.93 -0.46 -0.61	28.28 -0.16 -1.25	25.83 0.00 -1.47	24.46 0.37 -0.93
ESPRGFLD_115KV_TB1 80157	15.89 0.90 1.65	13.51 0.81 1.79	13.64 0.80 1.43	13.15 0.77 1.27	13.60 0.80 1.08	17.16 1.02 0.81	18.71 1.09 0.85	20.53 1.29 1.25	24.15 1.48 0.80	28.14 1.59 0.42	29.74 1.67 0.15	29.51 1.64 0.49	35.62 2.13 0.25	37.30 2.24 0.00	37.75 2.27 0.01	40.11 2.39 0.14	25.46 1.92 6.86	34.70 2.49 6.14	35.48 2.65 4.55	36.63 2.67 2.66	34.56 2.39 0.61	27.65 1.93 1.47	24.25 1.56 1.67	23.52 1.37 1.01
ETNA_115_KV_TB1_REV_LBMP_C 345029	19.16 0.47 -2.06	17.13 0.39 -2.25	16.44 0.39 -1.79	15.64 0.38 -1.59	15.60 0.37 -1.35	18.44 0.47 -1.02	20.09 0.55 -1.07	22.55 0.57 -1.48	24.96 0.61 -0.89	28.00 0.67 -0.35	29.01 0.71 -0.08	29.53 0.65 -0.52	34.76 1.01 0.00	36.11 1.05 0.00	36.41 0.92 0.00	38.85 0.98 0.00	38.24 0.73 -7.10	45.63 1.04 -6.25	42.99 1.08 -4.53	40.44 1.10 -2.72	34.50 0.95 -0.77	29.56 0.79 -1.58	26.82 0.61 -1.86	24.99 0.65 -1.18
ETNA____115KV_TB2 80207	19.16 0.47 -2.06	17.13 0.39 -2.25	16.44 0.39 -1.79	15.64 0.38 -1.59	15.60 0.37 -1.35	18.44 0.47 -1.02	20.09 0.55 -1.07	22.55 0.57 -1.48	24.96 0.61 -0.89	28.00 0.67 -0.35	29.01 0.71 -0.08	29.53 0.65 -0.52	34.76 1.01 0.00	36.11 1.05 0.00	36.41 0.92 0.00	38.85 0.98 0.00	38.24 0.73 -7.10	45.63 1.04 -6.25	42.99 1.08 -4.53	40.44 1.10 -2.72	34.50 0.95 -0.77	29.56 0.79 -1.58	26.82 0.61 -1.86	24.99 0.65 -1.18
EUCLID__115KV_TB2 356179	18.21 -0.02 -1.60	15.95 -0.03 -1.49	15.61 -0.03 -1.37	14.84 -0.03 -1.21	14.60 -0.04 -0.77	17.84 -0.05 -0.95	19.39 -0.02 -0.94	21.33 -0.12 -0.96	24.05 -0.21 -0.79	27.55 -0.24 -0.82	28.74 -0.23 -0.74	28.89 -0.26 -0.78	34.31 -0.24 -0.81	35.62 -0.28 -0.85	35.90 -0.39 -0.80	38.37 -0.42 -0.92	33.26 -0.33 -3.19	40.80 -0.42 -2.87	39.71 -0.45 -2.79	38.27 -0.44 -2.10	33.64 -0.36 -1.22	28.35 -0.33 -1.48	25.38 -0.29 -1.32	24.21 -0.14 -1.19
E_CANADA_CAP_HY 24051	31.89 1.13 -14.12	30.91 1.01 -15.40	27.52 1.00 -12.25	25.56 0.97 -10.93	24.13 0.99 -9.27	25.12 1.24 -6.93	27.09 1.33 -7.30	32.00 1.56 -9.95	31.15 1.78 -5.90	30.94 1.78 -2.19	30.47 1.86 -0.38	33.60 1.79 -3.45	35.68 2.30 0.36	37.47 2.42 0.00	38.03 2.56 0.01	40.51 2.84 0.20	79.34 2.31 -46.63	82.21 2.99 -40.87	70.11 3.21 -29.53	57.64 3.22 -17.79	41.05 3.01 -5.26	40.04 2.42 -10.43	38.62 1.90 -12.37	32.74 1.67 -7.91
E_CANADA_MHWK_HY 24050	16.65 0.02 0.00	14.51 0.01 0.00	14.28 0.01 0.00	13.66 0.00 0.00	13.87 0.00 0.00	16.96 0.02 0.00	18.62 0.06 -0.09	20.69 0.06 -0.13	23.59 0.05 -0.08	27.00 0.00 -0.03	28.20 -0.03 -0.01	28.35 -0.06 -0.05	33.64 -0.10 0.00	34.99 -0.07 0.00	35.38 -0.11 0.00	37.72 -0.15 0.00	30.94 -0.09 -0.63	38.79 -0.11 -0.55	37.70 -0.07 -0.40	36.79 -0.07 -0.24	32.72 -0.13 -0.07	27.33 0.00 -0.14	24.57 0.05 -0.16	23.34 0.07 -0.10
E_FISHKILL__LBMP 23776	26.62 0.53 -9.45	25.27 0.48 -10.30	22.92 0.46 -8.20	21.41 0.44 -7.31	20.51 0.43 -6.21	22.11 0.53 -4.64	23.94 0.59 -4.88	28.29 0.86 -6.94	28.84 1.10 -4.27	30.20 1.29 -1.93	30.11 1.33 -0.56	32.37 1.45 -2.57	36.02 1.69 -0.58	36.85 1.79 0.00	37.53 2.02 -0.02	40.35 2.16 -0.32	67.56 1.89 -35.27	71.99 2.38 -31.27	62.47 2.20 -22.89	52.24 2.05 -13.58	37.94 1.64 -3.52	36.31 1.41 -7.71	34.47 1.19 -8.92	29.55 0.83 -5.55
FALCON__SEABRD_CC1 323796	0.36 -2.76 13.52	1.07 -2.35 11.07	0.54 -2.28 11.44	1.15 -2.12 10.40	1.13 -2.07 10.67	1.37 -2.37 13.20	2.42 -2.57 13.48	2.99 -2.85 14.66	4.08 -3.19 16.20	7.88 -3.56 15.54	8.42 -3.56 16.25	7.08 -3.55 17.73	13.03 -4.22 16.50	13.08 -4.28 17.70	16.95 -4.26 14.28	13.17 -4.70 20.00	4.58 -3.74 22.09	4.74 -4.76 28.85	10.10 -4.60 22.67	10.09 -4.51 22.02	13.03 -3.67 16.08	9.04 -3.15 14.99	11.58 -2.75 10.02	7.82 -2.71 12.63
FALCON__SEABRD_CC2 323797	0.36 -2.76 13.52	1.07 -2.35 11.07	0.54 -2.28 11.44	1.15 -2.12 10.40	1.13 -2.07 10.67	1.37 -2.37 13.20	2.42 -2.57 13.48	2.99 -2.85 14.66	4.08 -3.19 16.20	7.88 -3.56 15.54	8.42 -3.56 16.25	7.08 -3.55 17.73	13.03 -4.22 16.50	13.08 -4.28 17.70	16.95 -4.26 14.28	13.17 -4.70 20.00	4.58 -3.74 22.09	4.74 -4.76 28.85	10.10 -4.60 22.67	10.09 -4.51 22.02	13.03 -3.67 16.08	9.04 -3.15 14.99	11.58 -2.75 10.02	7.82 -2.71 12.63
FAR ROCKAWAY__4 23548	31.31 1.26 -13.41	26.35 1.10 -10.75	24.34 1.06 -9.02	21.83 1.00 -7.17	20.97 1.01 -6.08	25.45 1.22 -7.29	27.04 1.35 -7.22	29.01 1.72 -6.80	29.87 2.21 -4.20	31.94 2.40 -2.57	34.97 2.46 -4.29	36.03 2.67 -5.01	37.52 3.21 -0.57	39.39 3.44 -0.90	63.88 3.73 -24.67	60.08 4.01 -18.20	68.18 3.22 -34.55	72.97 3.99 -30.63	63.53 3.74 -22.43	53.47 3.55 -13.30	39.51 3.15 -3.58	37.43 2.69 -7.55	36.69 2.39 -9.94	35.22 1.88 -10.19
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	26.66 0.77 -9.26	25.25 0.67 -10.09	22.91 0.61 -8.03	21.40 0.57 -7.17	20.52 0.57 -6.08	22.20 0.71 -4.55	24.08 0.83 -4.78	28.52 1.23 -6.80	29.22 1.57 -4.18	30.75 1.89 -1.89	30.66 1.89 -0.55	32.92 2.04 -2.52	36.68 2.36 -0.57	37.58 2.52 0.00	38.31 2.80 -0.02	41.21 3.03 -0.31	67.59 2.65 -34.54	72.31 3.34 -30.62	62.89 3.10 -22.42	52.73 2.82 -13.29	38.42 2.20 -3.45	36.67 1.93 -7.55	34.75 1.66 -8.74	29.81 1.20 -5.44
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	26.66 0.77 -9.26	25.25 0.67 -10.09	22.91 0.61 -8.03	21.40 0.57 -7.17	20.54 0.58 -6.08	22.20 0.71 -4.55	24.08 0.83 -4.78	28.52 1.23 -6.80	29.22 1.57 -4.18	30.75 1.89 -1.89	30.66 1.89 -0.55	32.92 2.04 -2.52	36.68 2.36 -0.57	37.58 2.52 0.00	38.31 2.80 -0.02	41.21 3.03 -0.31	67.59 2.65 -34.54	72.31 3.34 -30.62	62.89 3.10 -22.42	52.73 2.82 -13.29	38.42 2.20 -3.45	36.69 1.96 -7.55	34.78 1.68 -8.74	29.83 1.23 -5.44
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	26.64 0.75 -9.26	25.24 0.65 -10.09	22.90 0.60 -8.03	21.39 0.56 -7.17	20.52 0.57 -6.08	22.19 0.69 -4.55	24.08 0.83 -4.78	28.52 1.23 -6.80	29.22 1.57 -4.18	30.73 1.86 -1.89	30.63 1.86 -0.55	32.89 2.01 -2.52	36.64 2.33 -0.57	37.55 2.49 0.00	38.28 2.77 -0.02	41.17 2.99 -0.31	67.56 2.61 -34.54	72.27 3.30 -30.62	62.85 3.06 -22.42	52.70 2.78 -13.29	38.39 2.16 -3.45	36.67 1.93 -7.55	34.75 1.66 -8.74	29.78 1.18 -5.44

FARRAGUT___LBMP 323566	26.64 0.75 -9.26	25.22 0.64 -10.09	22.90 0.60 -8.03	21.38 0.55 -7.17	20.51 0.55 -6.08	22.19 0.69 -4.55	24.06 0.81 -4.78	28.50 1.21 -6.80	29.20 1.55 -4.18	30.70 1.83 -1.89	30.61 1.83 -0.55	32.86 1.98 -2.52	36.61 2.29 -0.57	37.51 2.45 0.00	38.24 2.73 -0.02	41.13 2.95 -0.31	67.53 2.58 -34.54	72.23 3.26 -30.62	62.78 2.99 -22.42	52.66 2.75 -13.29	38.36 2.13 -3.45	36.64 1.90 -7.55	34.73 1.63 -8.74	29.78 1.18 -5.44
FENNER___WINDPWR 24204	19.03 0.25 -2.14	16.74 0.23 -2.01	16.34 0.23 -1.84	15.52 0.23 -1.62	15.16 0.24 -1.05	18.53 0.32 -1.27	20.11 0.37 -1.27	22.17 0.37 -1.30	24.91 0.37 -1.07	28.52 0.46 -1.09	29.67 0.48 -0.97	29.85 0.45 -1.04	35.43 0.64 -1.05	36.90 0.74 -1.10	37.17 0.64 -1.05	39.67 0.60 -1.20	35.36 0.52 -4.43	42.98 0.65 -3.98	41.96 0.79 -3.80	40.22 0.77 -2.83	35.05 0.66 -1.61	29.70 0.52 -1.99	26.53 0.39 -1.79	25.17 0.42 -1.59
FIBERTEK___ENERGY 23856	18.45 0.17 -1.65	16.22 0.14 -1.58	15.82 0.13 -1.42	15.04 0.12 -1.25	14.83 0.11 -0.84	18.05 0.15 -0.95	19.63 0.20 -0.96	21.68 0.16 -1.02	24.39 0.12 -0.80	27.89 0.16 -0.76	29.08 0.20 -0.66	29.28 0.17 -0.75	34.72 0.27 -0.70	36.07 0.28 -0.74	36.33 0.14 -0.70	38.86 0.19 -0.80	34.18 0.09 -3.68	41.79 0.15 -3.29	40.48 0.11 -3.00	38.86 0.07 -2.17	34.00 0.07 -1.16	28.73 0.05 -1.49	25.76 0.02 -1.38	24.48 0.14 -1.18
FITZPATRICK____ 23598	16.93 -0.28 -0.58	14.87 -0.25 -0.63	14.53 -0.24 -0.50	13.88 -0.23 -0.45	14.02 -0.24 -0.38	16.94 -0.29 -0.28	18.45 -0.31 -0.30	20.43 -0.47 -0.41	23.08 -0.63 -0.25	26.34 -0.73 -0.10	27.49 -0.76 -0.02	27.71 -0.79 -0.15	32.83 -0.91 0.00	34.08 -0.98 0.00	34.42 -1.06 0.00	36.73 -1.14 0.00	31.47 -0.91 -1.97	38.94 -1.15 -1.74	37.51 -1.12 -1.26	36.28 -1.10 -0.76	32.04 -0.95 -0.21	26.84 -0.79 -0.44	24.19 -0.68 -0.52	23.00 -0.49 -0.33
FLOWRFLD_69_KV_BK1 356044	31.59 1.55 -13.41	26.61 1.36 -10.75	24.60 1.31 -9.02	22.05 1.22 -7.17	21.20 1.25 -6.08	25.76 1.53 -7.29	27.28 1.59 -7.22	29.20 1.91 -6.80	30.06 2.39 -4.20	32.40 2.86 -2.57	35.65 2.77 -4.66	40.60 2.95 -9.29	54.37 3.48 -17.15	130.31 3.54 -91.71	135.57 3.76 -96.32	143.18 4.05 -101.26	289.30 3.25 -255.64	390.92 4.03 -348.54	337.63 3.77 -296.48	143.55 3.55 -103.38	139.61 3.18 -103.65	80.09 2.75 -50.15	53.12 2.53 -26.23	35.54 2.08 -10.30
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	26.66 0.73 -9.29	25.25 0.62 -10.13	22.93 0.60 -8.06	21.43 0.57 -7.19	20.54 0.57 -6.10	22.20 0.69 -4.56	24.04 0.78 -4.80	28.36 1.09 -6.78	28.95 1.34 -4.14	30.36 1.56 -1.83	30.34 1.61 -0.50	32.57 1.73 -2.49	36.35 2.16 -0.44	37.44 2.38 0.00	38.13 2.63 -0.02	40.99 2.88 -0.24	66.91 2.49 -34.01	71.66 3.18 -30.12	62.41 3.03 -22.01	52.52 2.82 -13.08	38.47 2.23 -3.46	36.50 1.85 -7.46	34.59 1.56 -8.67	29.76 1.18 -5.42
FORT ORANGE____ 23900	28.16 0.27 -11.26	27.00 0.23 -12.27	24.25 0.21 -9.77	22.58 0.21 -8.71	21.47 0.21 -7.39	22.73 0.25 -5.53	24.56 0.28 -5.81	28.76 0.41 -7.86	28.64 0.56 -4.61	29.26 0.67 -1.62	29.12 0.68 -0.22	31.46 0.43 -2.68	33.60 0.37 0.51	35.41 0.35 0.00	36.03 0.57 0.02	38.30 0.72 0.28	66.97 0.52 -36.05	70.46 0.61 -31.50	60.71 0.67 -22.67	51.00 0.66 -13.72	37.63 0.66 -4.19	35.74 0.43 -8.12	34.45 0.41 -9.68	29.60 0.21 -6.23
FORT_DRUM_COGEN 23780	25.10 -0.38 -8.85	21.35 -0.30 -7.17	21.49 -0.29 -7.50	20.04 -0.27 -6.65	16.46 -0.24 -2.82	22.84 -0.22 -6.11	25.21 -0.26 -7.00	24.95 -0.39 -4.84	28.44 -0.63 -5.61	34.59 -0.73 -8.34	36.06 -0.79 -8.63	34.49 -0.88 -7.01	41.91 -1.08 -9.25	43.85 -1.02 -9.81	42.90 -1.24 -8.65	47.32 -1.40 -10.85	35.41 -0.94 -5.95	43.26 -1.00 -5.91	50.06 -0.49 -13.18	49.06 -0.29 -12.73	42.39 -0.39 -10.00	36.42 -0.38 -9.61	30.56 -0.49 -6.69	30.79 -0.42 -8.05
FPL_FAR_ROCK_GT1 24212	31.29 1.25 -13.41	26.32 1.07 -10.75	24.33 1.04 -9.02	21.80 0.97 -7.17	20.96 1.00 -6.09	25.42 1.19 -7.29	27.04 1.35 -7.22	29.01 1.72 -6.80	29.87 2.21 -4.20	31.97 2.43 -2.57	34.97 2.45 -4.29	36.03 2.66 -5.01	37.55 3.24 -0.57	39.36 3.40 -0.90	63.88 3.73 -24.67	60.08 4.01 -18.20	68.18 3.22 -34.55	72.97 3.99 -30.63	63.53 3.74 -22.43	53.47 3.55 -13.30	39.51 3.15 -3.58	37.43 2.69 -7.55	36.69 2.39 -9.95	35.23 1.88 -10.19
FPL_FAR_ROCK_GT2 23815	31.29 1.25 -13.41	26.32 1.07 -10.75	24.33 1.04 -9.02	21.80 0.97 -7.17	20.96 1.00 -6.09	25.42 1.19 -7.29	27.04 1.35 -7.22	29.01 1.72 -6.80	29.87 2.21 -4.20	31.97 2.43 -2.57	34.97 2.45 -4.29	36.03 2.66 -5.01	37.55 3.24 -0.57	39.36 3.40 -0.90	63.88 3.73 -24.67	60.08 4.01 -18.20	68.18 3.22 -34.55	72.97 3.99 -30.63	63.53 3.74 -22.43	53.47 3.55 -13.30	39.51 3.15 -3.58	37.43 2.69 -7.55	36.69 2.39 -9.95	35.23 1.88 -10.19
FRANKLIN_FALL_HYD 24054	-1.90 -2.74 15.79	-0.72 -2.35 12.87	-1.38 -2.28 13.37	-0.58 -2.15 12.10	0.39 -2.14 11.34	-0.30 -2.44 14.81	0.51 -2.64 15.32	1.69 -2.93 15.87	2.47 -3.33 17.67	5.42 -3.75 17.80	5.80 -3.81 18.62	4.91 -3.83 19.61	10.11 -4.59 19.05	9.99 -4.66 20.40	14.14 -4.68 16.66	13.85 -5.15 18.87	3.19 -4.07 23.14	3.24 -5.14 29.97	6.54 -4.90 25.93	6.52 -4.80 25.30	10.02 -4.00 18.77	6.25 -3.43 17.51	9.63 -3.02 11.71	5.42 -2.99 14.75
FREEPORT_EQUS_GT1 23764	31.21 1.16 -13.41	26.26 1.01 -10.75	24.26 0.97 -9.02	21.75 0.92 -7.17	20.91 0.94 -6.09	25.35 1.12 -7.29	26.95 1.26 -7.22	28.91 1.62 -6.80	29.73 2.07 -4.20	31.88 2.35 -2.57	34.86 2.34 -4.29	35.89 2.52 -5.01	37.38 3.07 -0.57	39.15 3.19 -0.90	63.49 3.33 -24.67	59.55 3.48 -18.20	67.78 2.83 -34.55	72.47 3.49 -30.63	63.04 3.25 -22.42	52.95 3.04 -13.30	39.31 2.95 -3.58	37.27 2.53 -7.55	36.54 2.24 -9.94	35.11 1.76 -10.19
FREEPORT___CT2 23818	31.21 1.16 -13.41	26.26 1.01 -10.75	24.26 0.97 -9.02	21.75 0.92 -7.17	20.91 0.94 -6.09	25.35 1.12 -7.29	26.95 1.26 -7.22	28.91 1.62 -6.80	29.73 2.07 -4.20	31.88 2.35 -2.57	34.86 2.34 -4.29	35.89 2.52 -5.01	37.38 3.07 -0.57	39.15 3.19 -0.90	63.49 3.33 -24.67	59.55 3.48 -18.20	67.78 2.83 -34.55	72.47 3.49 -30.63	63.04 3.25 -22.42	52.95 3.04 -13.30	39.31 2.95 -3.58	37.27 2.53 -7.55	36.54 2.24 -9.94	35.11 1.76 -10.19
FRESHKLS_33_KV_LOAD 356253	26.83 0.93 -9.27	25.36 0.77 -10.10	22.97 0.67 -8.03	21.43 0.60 -7.17	20.56 0.61 -6.08	22.19 0.69 -4.55	24.01 0.76 -4.78	28.46 1.17 -6.80	29.09 1.46 -4.17	30.72 1.86 -1.89	30.60 1.83 -0.54	31.58 2.01 -1.21	32.24 2.23 3.73	32.74 2.45 4.77	34.16 2.73 4.06	34.33 2.88 6.42	52.50 2.68 -19.42	54.82 3.37 -13.10	47.15 3.10 -6.68	35.73 2.89 3.78	33.47 2.13 1.44	33.57 2.01 -4.37	31.60 1.78 -5.46	29.82 1.23 -5.43
FULTON COGEN____ 23766	18.37 -0.03 -1.77	16.06 -0.04 -1.61	15.72 -0.06 -1.51	14.95 -0.04 -1.33	14.63 -0.06 -0.81	17.97 -0.05 -1.08	19.50 -0.04 -1.07	21.38 -0.14 -1.03	24.13 -0.23 -0.90	27.73 -0.24 -1.00	28.90 -0.25 -0.93	28.98 -0.31 -0.93	34.46 -0.30 -1.02	35.78 -0.35 -1.07	36.04 -0.46 -1.02	38.58 -0.45 -1.17	33.18 -0.40 -3.17	40.75 -0.46 -2.86	39.86 -0.49 -2.97	38.46 -0.48 -2.32	33.84 -0.39 -1.45	28.52 -0.35 -1.68	25.50 -0.29 -1.44	24.38 -0.14 -1.36



FULTON___LFGE 323630	31.51 1.60 -13.28	30.38 1.41 -14.48	27.16 1.37 -11.52	25.27 1.32 -10.28	23.94 1.35 -8.72	25.16 1.69 -6.52	27.54 2.22 -6.86	32.41 2.58 -9.34	31.87 2.89 -5.52	32.01 3.02 -2.02	31.72 3.16 -0.33	34.59 3.00 -3.23	37.15 3.81 0.40	39.02 3.96 0.00	39.80 4.33 0.02	42.60 4.96 0.22	78.05 4.13 -43.51	81.75 5.29 -38.11	70.52 5.64 -27.51	58.74 5.53 -16.60	43.03 5.31 -4.94	40.94 4.00 -9.75	39.03 3.09 -11.58	33.40 2.82 -7.41
G.F.CEMENT___DRP 24184	29.15 0.82 -11.70	27.93 0.68 -12.76	25.08 0.66 -10.15	23.35 0.63 -9.06	22.22 0.67 -7.68	23.49 0.80 -5.75	25.38 0.87 -6.04	29.72 1.09 -8.14	29.59 1.36 -4.76	30.20 1.59 -1.64	29.86 1.44 -0.20	32.48 1.36 -2.76	34.79 1.65 0.61	36.85 1.79 0.00	37.56 2.09 0.02	39.96 2.42 0.34	69.41 1.92 -37.09	73.02 2.30 -32.37	63.15 2.50 -23.27	53.36 2.64 -14.11	39.76 2.62 -4.35	37.41 1.85 -8.37	35.72 1.36 -10.00	30.75 1.13 -6.45
GARDENVILLE___LBMP 24039	18.54 0.35 -1.56	16.52 0.33 -1.70	15.92 0.30 -1.35	15.14 0.27 -1.21	15.13 0.24 -1.02	17.90 0.15 -0.80	19.26 -0.06 -0.85	21.46 -0.20 -1.17	24.10 -0.07 -0.70	27.17 -0.08 -0.28	28.09 -0.20 -0.06	28.37 -0.40 -0.41	34.45 0.71 0.00	35.51 0.46 0.00	35.52 0.04 0.00	37.68 -0.19 0.00	35.52 -0.49 -5.61	42.51 -0.77 -4.93	40.16 -0.78 -3.58	38.25 -0.51 -2.15	32.87 -0.52 -0.61	28.19 -0.24 -1.25	25.77 -0.05 -1.47	24.41 0.32 -0.93
GARDNVLA_35_KV_LD 355827	18.60 0.40 -1.57	16.58 0.38 -1.71	15.96 0.33 -1.36	15.18 0.30 -1.21	15.18 0.28 -1.03	17.94 0.19 -0.81	19.32 0.00 -0.85	21.52 -0.14 -1.17	24.17 0.00 -0.70	27.28 0.03 -0.28	28.17 -0.11 -0.06	28.46 -0.31 -0.41	34.62 0.88 0.00	35.69 0.63 0.00	35.74 0.25 0.00	37.91 0.04 0.00	35.67 -0.36 -5.63	42.69 -0.61 -4.95	40.33 -0.64 -3.59	38.41 -0.37 -2.15	33.00 -0.39 -0.61	28.30 -0.14 -1.25	25.85 0.02 -1.47	24.49 0.39 -0.93
GELCKHM___115KV_LOAD 80723	18.30 0.05 -1.61	16.04 0.03 -1.52	15.66 0.01 -1.38	14.91 0.03 -1.22	14.68 0.01 -0.80	17.92 0.03 -0.95	19.47 0.06 -0.95	21.43 -0.04 -0.98	24.17 -0.09 -0.80	27.66 -0.11 -0.80	28.85 -0.08 -0.71	29.01 -0.11 -0.77	34.44 -0.07 -0.76	35.79 -0.07 -0.80	36.07 -0.18 -0.76	38.55 -0.19 -0.87	33.59 -0.18 -3.37	41.14 -0.23 -3.02	39.97 -0.26 -2.86	38.48 -0.26 -2.12	33.74 -0.23 -1.19	28.48 -0.19 -1.48	25.50 -0.19 -1.34	24.30 -0.05 -1.18
GENERAL___MILLS 23808	18.56 0.37 -1.56	16.55 0.35 -1.71	15.94 0.31 -1.36	15.16 0.29 -1.21	15.15 0.25 -1.03	17.92 0.17 -0.80	19.28 -0.04 -0.85	21.48 -0.18 -1.17	24.12 -0.05 -0.70	27.22 -0.03 -0.28	28.12 -0.17 -0.06	28.40 -0.37 -0.41	34.55 0.81 0.00	35.62 0.56 0.00	35.63 0.14 0.00	37.79 -0.08 0.00	35.57 -0.46 -5.62	42.61 -0.69 -4.95	40.21 -0.75 -3.59	38.33 -0.44 -2.15	32.93 -0.46 -0.61	28.25 -0.19 -1.25	25.80 -0.02 -1.47	24.44 0.35 -0.93
GE_PLASTICS___DRP 24183	28.14 0.25 -11.26	26.99 0.22 -12.28	24.25 0.21 -9.77	22.58 0.20 -8.71	21.48 0.21 -7.39	22.73 0.25 -5.53	24.54 0.26 -5.82	28.77 0.39 -7.89	28.66 0.54 -4.65	29.27 0.62 -1.67	29.16 0.68 -0.26	31.69 0.62 -2.71	33.70 0.37 0.41	35.44 0.39 0.00	35.97 0.50 0.02	38.25 0.61 0.23	67.38 0.43 -36.55	70.78 0.46 -31.97	60.95 0.52 -23.05	51.09 0.55 -13.93	37.46 0.49 -4.19	35.77 0.38 -8.20	34.65 0.54 -9.76	29.77 0.35 -6.26
GILBOA___1 23756	25.88 0.33 -8.92	24.50 0.29 -9.72	22.29 0.29 -7.74	20.84 0.27 -6.90	19.99 0.26 -5.86	21.65 0.32 -4.38	23.42 0.35 -4.61	27.35 0.49 -6.36	27.94 0.66 -3.81	29.24 0.75 -1.51	29.31 0.76 -0.32	31.40 0.79 -2.25	34.62 0.88 0.00	35.97 0.91 0.00	36.41 0.92 0.00	38.81 0.95 0.00	61.60 0.64 -30.56	66.04 0.81 -26.88	57.62 0.75 -19.50	49.23 0.92 -11.69	36.99 0.89 -3.32	34.74 0.76 -6.79	33.02 0.68 -7.99	28.73 0.51 -5.06
GILBOA___2 23757	25.88 0.33 -8.92	24.50 0.29 -9.72	22.29 0.29 -7.74	20.84 0.27 -6.90	19.99 0.26 -5.86	21.65 0.32 -4.38	23.42 0.35 -4.61	27.35 0.49 -6.36	27.94 0.66 -3.81	29.24 0.75 -1.51	29.31 0.76 -0.32	31.40 0.79 -2.25	34.62 0.88 0.00	35.97 0.91 0.00	36.41 0.92 0.00	38.81 0.95 0.00	61.60 0.64 -30.56	66.04 0.81 -26.88	57.62 0.75 -19.50	49.23 0.92 -11.69	36.99 0.89 -3.32	34.74 0.76 -6.79	33.02 0.68 -7.99	28.73 0.51 -5.06
GILBOA___3 23758	25.88 0.33 -8.92	24.50 0.29 -9.72	22.29 0.29 -7.74	20.84 0.27 -6.90	19.99 0.26 -5.86	21.65 0.32 -4.38	23.42 0.35 -4.61	27.35 0.49 -6.36	27.94 0.66 -3.81	29.24 0.75 -1.51	29.31 0.76 -0.32	31.40 0.79 -2.25	34.62 0.88 0.00	35.97 0.91 0.00	36.41 0.92 0.00	38.81 0.95 0.00	61.60 0.64 -30.56	66.04 0.81 -26.88	57.62 0.75 -19.50	49.23 0.92 -11.69	36.99 0.89 -3.32	34.74 0.76 -6.79	33.02 0.68 -7.99	28.73 0.51 -5.06
GILBOA___4 23759	25.88 0.33 -8.92	24.50 0.29 -9.72	22.29 0.29 -7.74	20.84 0.27 -6.90	19.99 0.26 -5.86	21.65 0.32 -4.38	23.42 0.35 -4.61	27.35 0.49 -6.36	27.94 0.66 -3.81	29.24 0.75 -1.51	29.31 0.76 -0.32	31.40 0.79 -2.25	34.62 0.88 0.00	35.97 0.91 0.00	36.41 0.92 0.00	38.81 0.95 0.00	61.60 0.64 -30.56	66.04 0.81 -26.88	57.62 0.75 -19.50	49.23 0.92 -11.69	36.99 0.89 -3.32	34.74 0.76 -6.79	33.02 0.68 -7.99	28.73 0.51 -5.06
GILBOA___ 23599	25.88 0.33 -8.92	24.50 0.29 -9.72	22.29 0.29 -7.74	20.84 0.27 -6.90	20.01 0.28 -5.86	21.65 0.32 -4.38	23.42 0.35 -4.61	27.35 0.49 -6.36	27.94 0.66 -3.81	29.24 0.76 -1.51	29.31 0.76 -0.32	31.40 0.79 -2.25	34.62 0.88 0.00	35.97 0.91 0.00	36.41 0.92 0.00	38.81 0.95 0.00	61.60 0.64 -30.56	66.04 0.81 -26.88	57.62 0.75 -19.50	49.23 0.92 -11.69	36.99 0.89 -3.32	34.74 0.76 -6.79	33.03 0.68 -7.99	28.74 0.51 -5.06
GINNA___ 23603	17.39 -0.37 -1.12	15.36 -0.35 -1.22	14.91 -0.33 -0.97	14.19 -0.34 -0.86	14.23 -0.37 -0.73	17.01 -0.47 -0.54	18.50 -0.54 -0.57	20.63 -0.66 -0.79	23.19 -0.75 -0.47	26.30 -0.86 -0.19	27.36 -0.90 -0.04	27.70 -0.94 -0.28	32.66 -1.08 0.00	33.87 -1.19 0.00	33.93 -1.56 0.00	36.20 -1.67 0.00	32.90 -1.31 -3.80	40.04 -1.65 -3.34	38.15 -1.64 -2.42	36.46 -1.61 -1.45	31.98 -1.21 -0.41	26.94 -1.09 -0.84	24.42 -0.93 -0.99	23.10 -0.69 -0.63
GLEN PARK___ 23778	24.83 -0.23 -8.43	21.14 -0.19 -6.84	21.28 -0.14 -7.15	19.85 -0.15 -6.34	16.47 -0.11 -2.70	22.69 -0.07 -5.81	25.05 -0.07 -6.66	24.91 -0.20 -4.62	28.36 -0.45 -5.33	34.37 -0.51 -7.92	35.87 -0.54 -8.18	34.36 -0.65 -6.66	41.70 -0.81 -8.77	43.62 -0.74 -9.30	42.74 -0.96 -8.21	47.02 -1.14 -10.29	35.46 -0.73 -5.79	43.39 -0.69 -5.73	49.81 -0.15 -12.59	48.86 0.11 -12.13	42.21 -0.07 -9.50	36.23 -0.11 -9.15	30.49 -0.24 -6.38	30.63 -0.19 -7.65
GLENDALE_27_KV_LOAD 356172	26.79 0.90 -9.26	25.34 0.75 -10.09	22.98 0.68 -8.03	21.46 0.63 -7.17	20.61 0.65 -6.08	22.27 0.78 -4.55	24.15 0.90 -4.78	28.62 1.33 -6.80	29.31 1.67 -4.18	30.94 2.08 -1.89	30.86 2.09 -0.55	33.09 2.21 -2.52	36.85 2.53 -0.57	37.83 2.77 0.00	38.56 3.05 -0.02	41.36 3.18 -0.31	67.74 2.80 -34.54	72.50 3.53 -30.62	63.00 3.21 -22.42	52.92 3.00 -13.29	38.55 2.33 -3.45	36.86 2.12 -7.55	34.95 1.85 -8.74	29.97 1.37 -5.44

GLENWOOD_IC_1_G5 23712	31.01 0.96 -13.41	26.09 0.84 -10.75	24.10 0.81 -9.02	21.60 0.77 -7.17	20.73 0.78 -6.08	25.17 0.93 -7.29	26.74 1.05 -7.22	28.70 1.41 -6.80	29.47 1.81 -4.20	31.64 2.10 -2.57	34.69 2.17 -4.29	35.52 2.16 -5.01	36.88 2.56 -0.57	38.69 2.73 -0.90	63.17 3.02 -24.67	59.32 3.26 -18.20	67.66 2.71 -34.55	72.31 3.34 -30.63	62.90 3.10 -22.43	52.81 2.89 -13.30	38.79 2.43 -3.58	36.83 2.09 -7.55	36.08 1.78 -9.94	34.83 1.48 -10.19
GLENWOOD_IC_2_G1 23688	30.88 0.83 -13.41	25.96 0.71 -10.75	23.97 0.68 -9.02	21.47 0.64 -7.17	20.63 0.67 -6.09	25.03 0.80 -7.29	26.61 0.92 -7.22	28.56 1.27 -6.80	29.28 1.62 -4.20	31.43 1.89 -2.57	34.44 1.92 -4.29	35.43 2.07 -5.01	36.78 2.46 -0.57	38.55 2.59 -0.90	63.03 2.87 -24.67	59.17 3.11 -18.20	67.54 2.58 -34.55	72.20 3.22 -30.63	62.82 3.03 -22.43	52.74 2.82 -13.30	38.69 2.33 -3.58	36.75 2.01 -7.55	36.00 1.70 -9.94	34.64 1.30 -10.19
GLENWOOD_IC_3_G1 23689	30.88 0.83 -13.41	25.96 0.71 -10.75	23.97 0.68 -9.02	21.47 0.64 -7.17	20.63 0.67 -6.09	25.03 0.80 -7.29	26.61 0.92 -7.22	28.56 1.27 -6.80	29.28 1.62 -4.20	31.43 1.89 -2.57	34.44 1.92 -4.29	35.43 2.07 -5.01	36.78 2.46 -0.57	38.55 2.59 -0.90	63.03 2.87 -24.67	59.17 3.11 -18.20	67.54 2.58 -34.55	72.20 3.22 -30.63	62.82 3.03 -22.43	52.74 2.82 -13.30	38.69 2.33 -3.58	36.75 2.01 -7.55	36.00 1.70 -9.94	34.64 1.30 -10.19
GLENWOOD___4 23550	31.01 0.96 -13.41	26.09 0.84 -10.75	24.10 0.81 -9.02	21.60 0.77 -7.17	20.73 0.78 -6.08	25.17 0.93 -7.29	26.74 1.05 -7.22	28.70 1.41 -6.80	29.47 1.81 -4.20	31.64 2.10 -2.57	34.69 2.17 -4.29	35.58 2.21 -5.01	36.95 2.63 -0.57	38.80 2.84 -0.90	63.25 3.09 -24.67	59.40 3.33 -18.20	67.72 2.77 -34.55	72.39 3.41 -30.63	62.97 3.18 -22.43	52.88 2.97 -13.30	38.89 2.52 -3.58	36.91 2.18 -7.55	36.13 1.83 -9.94	34.83 1.48 -10.19
GLENWOOD___5 23614	31.01 0.96 -13.41	26.09 0.84 -10.75	24.10 0.81 -9.02	21.60 0.77 -7.17	20.73 0.78 -6.08	25.17 0.93 -7.29	26.74 1.05 -7.22	28.70 1.41 -6.80	29.47 1.81 -4.20	31.64 2.10 -2.57	34.69 2.17 -4.29	35.58 2.21 -5.01	36.95 2.63 -0.57	38.80 2.84 -0.90	63.25 3.09 -24.67	59.40 3.33 -18.20	67.72 2.77 -34.55	72.39 3.41 -30.63	62.97 3.18 -22.43	52.88 2.97 -13.30	38.89 2.52 -3.58	36.91 2.18 -7.55	36.13 1.83 -9.94	34.83 1.48 -10.19
GLOBAL GREEN_PORT_GT1 23814	32.39 2.35 -13.41	27.29 2.04 -10.75	25.28 2.00 -9.02	22.67 1.84 -7.17	21.85 1.89 -6.09	26.54 2.30 -7.29	28.27 2.59 -7.22	30.36 3.07 -6.80	31.49 3.83 -4.20	34.21 4.67 -2.57	37.70 4.83 -4.65	42.46 5.10 -9.00	54.36 6.18 -14.44	126.62 6.42 -85.15	133.33 6.71 -91.14	140.39 7.27 -95.25	275.88 5.78 -239.70	371.14 7.17 -325.63	320.90 6.80 -276.72	140.01 6.52 -96.87	134.94 5.74 -96.42	79.04 4.79 -47.06	52.12 4.19 -23.57	36.97 3.54 -10.27
GLOBE___DSASP 323697	18.14 0.07 -1.44	16.18 0.12 -1.57	15.60 0.09 -1.25	14.82 0.04 -1.11	14.81 -0.01 -0.95	17.41 -0.29 -0.75	18.70 -0.55 -0.79	20.74 -0.84 -1.09	23.32 -0.80 -0.65	26.29 -0.94 -0.26	27.09 -1.19 -0.06	27.30 -1.45 -0.39	32.73 -1.01 0.00	33.69 -1.37 0.00	33.68 -1.81 0.00	35.67 -2.20 0.00	33.94 -1.70 -5.23	40.69 -2.26 -4.60	38.43 -2.28 -3.34	36.72 -1.90 -2.00	31.58 -1.77 -0.57	27.10 -1.25 -1.16	24.82 -0.90 -1.37	23.70 -0.32 -0.87
GOETHSLN___LBMP 323567	26.54 0.65 -9.26	25.15 0.57 -10.09	22.81 0.51 -8.03	21.31 0.48 -7.17	20.42 0.47 -6.08	22.08 0.59 -4.55	23.97 0.72 -4.78	28.42 1.13 -6.80	29.10 1.46 -4.18	30.54 1.67 -1.89	30.47 1.69 -0.55	31.39 1.81 -1.22	32.08 2.06 3.72	37.27 2.21 0.00	33.92 2.48 4.05	34.15 2.69 6.41	52.21 2.37 -19.43	54.45 2.99 -13.11	62.55 2.77 -22.42	35.34 2.49 3.77	33.25 1.90 1.44	33.28 1.71 -4.38	31.29 1.46 -5.47	29.64 1.04 -5.44
GOLAH___69_KV_TB 1_2 80279	18.31 0.50 -1.17	16.19 0.42 -1.28	15.70 0.41 -1.02	14.94 0.37 -0.91	14.99 0.35 -0.77	17.88 0.36 -0.57	19.39 0.31 -0.61	21.53 0.20 -0.84	24.27 0.31 -0.50	27.52 0.35 -0.20	28.55 0.28 -0.04	28.85 0.20 -0.30	34.22 0.47 0.00	35.34 0.28 0.00	35.38 -0.11 0.00	37.64 -0.23 0.00	34.36 -0.06 -4.01	41.73 -0.15 -3.53	39.75 -0.19 -2.56	38.04 -0.11 -1.54	33.22 0.00 -0.44	28.14 0.05 -0.89	25.58 0.17 -1.05	24.31 0.49 -0.67
GOODYEAR_LAKE_HYD 323669	19.47 0.65 -2.19	17.46 0.58 -2.39	16.74 0.57 -1.90	15.90 0.55 -1.69	15.88 0.57 -1.44	18.75 0.73 -1.08	20.38 0.78 -1.13	23.00 0.94 -1.57	25.51 1.10 -0.94	28.61 1.27 -0.37	29.60 1.30 -0.08	30.24 1.33 -0.55	35.43 1.69 0.00	36.85 1.79 0.00	37.26 1.77 0.00	39.69 1.82 0.00	39.36 1.43 -7.53	46.81 1.84 -6.62	44.08 1.91 -4.81	41.44 1.94 -2.88	35.27 1.67 -0.82	30.25 1.39 -1.67	27.47 1.14 -1.97	25.38 0.97 -1.25
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	19.84 0.27 -2.93	17.92 0.23 -3.20	17.03 0.21 -2.55	16.14 0.20 -2.27	15.99 0.19 -1.93	18.61 0.22 -1.45	20.23 0.24 -1.53	22.87 0.27 -2.11	25.06 0.33 -1.26	27.88 0.40 -0.50	28.76 0.42 -0.11	29.50 0.40 -0.75	34.66 0.91 0.00	35.93 0.88 0.00	36.23 0.75 0.00	38.66 0.80 0.00	40.95 0.43 -10.12	47.75 0.50 -8.90	44.31 0.49 -6.46	41.04 0.55 -3.87	34.37 0.49 -1.10	29.87 0.44 -2.25	27.37 0.37 -2.64	25.21 0.37 -1.68
GOUDEY___7 23579	19.85 0.28 -2.93	17.94 0.25 -3.20	17.04 0.23 -2.55	16.15 0.22 -2.27	16.01 0.21 -1.93	18.63 0.24 -1.45	20.25 0.26 -1.53	22.89 0.29 -2.11	25.11 0.38 -1.26	27.90 0.43 -0.50	28.78 0.45 -0.11	29.53 0.43 -0.75	34.69 0.94 0.00	36.00 0.95 0.00	36.30 0.82 0.00	38.70 0.83 0.00	40.98 0.46 -10.12	47.83 0.58 -8.90	44.39 0.56 -6.46	41.08 0.59 -3.87	34.41 0.52 -1.10	29.90 0.46 -2.25	27.39 0.39 -2.64	25.23 0.39 -1.68
GOUDEY___8 23580	19.84 0.27 -2.93	17.92 0.23 -3.20	17.03 0.21 -2.55	16.14 0.20 -2.27	15.99 0.19 -1.93	18.61 0.22 -1.45	20.23 0.24 -1.53	22.87 0.27 -2.11	25.06 0.33 -1.26	27.88 0.40 -0.50	28.76 0.42 -0.11	29.50 0.40 -0.75	34.66 0.91 0.00	35.93 0.88 0.00	36.23 0.75 0.00	38.66 0.80 0.00	40.95 0.43 -10.12	47.75 0.50 -8.90	44.31 0.49 -6.46	41.04 0.55 -3.87	34.37 0.49 -1.10	29.87 0.44 -2.25	27.37 0.37 -2.64	25.21 0.37 -1.68
GOWANUS_GT1_1 24077	26.83 0.93 -9.27	25.36 0.77 -10.10	22.98 0.68 -8.03	21.46 0.63 -7.17	20.59 0.64 -6.08	22.24 0.75 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.78 2.46 -0.57	37.72 2.66 0.00	38.45 2.95 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.49 2.26 -3.45	36.86 2.12 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
GOWANUS_GT1_2 24078	26.83 0.93 -9.27	25.36 0.77 -10.10	22.98 0.68 -8.03	21.46 0.63 -7.17	20.59 0.64 -6.08	22.24 0.75 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.78 2.46 -0.57	37.72 2.66 0.00	38.45 2.95 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.49 2.26 -3.45	36.86 2.12 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44

GOWANUS_GT1_3 24079	26.83 0.93 -9.27	25.36 0.77 -10.10	22.98 0.68 -8.03	21.46 0.63 -7.17	20.59 0.64 -6.08	22.24 0.75 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.78 2.46 -0.57	37.72 2.66 0.00	38.45 2.95 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.49 2.26 -3.45	36.86 2.12 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
GOWANUS_GT1_4 24080	26.83 0.93 -9.27	25.36 0.77 -10.10	22.98 0.68 -8.03	21.46 0.63 -7.17	20.59 0.64 -6.08	22.24 0.75 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.78 2.46 -0.57	37.72 2.66 0.00	38.45 2.95 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.49 2.26 -3.45	36.86 2.12 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
GOWANUS_GT1_5 24084	26.83 0.93 -9.27	25.36 0.77 -10.10	22.98 0.68 -8.03	21.46 0.63 -7.17	20.59 0.64 -6.08	22.24 0.75 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.78 2.46 -0.57	37.72 2.66 0.00	38.45 2.95 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.49 2.26 -3.45	36.86 2.12 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
GOWANUS_GT1_6 24111	26.83 0.93 -9.27	25.36 0.77 -10.10	22.98 0.68 -8.03	21.46 0.63 -7.17	20.59 0.64 -6.08	22.24 0.75 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.78 2.46 -0.57	37.72 2.66 0.00	38.45 2.95 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.49 2.26 -3.45	36.86 2.12 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
GOWANUS_GT1_7 24112	26.83 0.93 -9.27	25.36 0.77 -10.10	22.98 0.68 -8.03	21.46 0.63 -7.17	20.59 0.64 -6.08	22.24 0.75 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.78 2.46 -0.57	37.72 2.66 0.00	38.45 2.95 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.49 2.26 -3.45	36.86 2.12 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
GOWANUS_GT1_8 24113	26.83 0.93 -9.27	25.36 0.77 -10.10	22.98 0.68 -8.03	21.46 0.63 -7.17	20.59 0.64 -6.08	22.24 0.75 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.78 2.46 -0.57	37.72 2.66 0.00	38.45 2.95 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.49 2.26 -3.45	36.86 2.12 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
GOWANUS_GT2_1 24114	26.82 0.91 -9.27	25.33 0.74 -10.10	22.97 0.67 -8.03	21.43 0.60 -7.17	20.58 0.62 -6.08	22.22 0.73 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.85 2.53 -0.57	37.72 2.66 0.00	38.45 2.94 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.56 2.33 -3.45	36.88 2.15 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
GOWANUS_GT2_2 24115	26.82 0.91 -9.27	25.33 0.74 -10.10	22.97 0.67 -8.03	21.43 0.60 -7.17	20.58 0.62 -6.08	22.22 0.73 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.85 2.53 -0.57	37.72 2.66 0.00	38.45 2.94 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.56 2.33 -3.45	36.88 2.15 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
GOWANUS_GT2_3 24116	26.82 0.91 -9.27	25.33 0.74 -10.10	22.97 0.67 -8.03	21.43 0.60 -7.17	20.58 0.62 -6.08	22.22 0.73 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.85 2.53 -0.57	37.72 2.66 0.00	38.45 2.94 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.56 2.33 -3.45	36.88 2.15 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
GOWANUS_GT2_4 24117	26.82 0.91 -9.27	25.33 0.74 -10.10	22.97 0.67 -8.03	21.43 0.60 -7.17	20.58 0.62 -6.08	22.22 0.73 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.85 2.53 -0.57	37.72 2.66 0.00	38.45 2.94 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.56 2.33 -3.45	36.88 2.15 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
GOWANUS_GT2_5 24118	26.82 0.91 -9.27	25.33 0.74 -10.10	22.97 0.67 -8.03	21.43 0.60 -7.17	20.58 0.62 -6.08	22.22 0.73 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.85 2.53 -0.57	37.72 2.66 0.00	38.45 2.94 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.56 2.33 -3.45	36.88 2.15 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
GOWANUS_GT2_6 24119	26.82 0.91 -9.27	25.33 0.74 -10.10	22.97 0.67 -8.03	21.43 0.60 -7.17	20.58 0.62 -6.08	22.22 0.73 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.85 2.53 -0.57	37.72 2.66 0.00	38.45 2.94 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.56 2.33 -3.45	36.88 2.15 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
GOWANUS_GT2_7 24120	26.82 0.91 -9.27	25.33 0.74 -10.10	22.97 0.67 -8.03	21.43 0.60 -7.17	20.58 0.62 -6.08	22.22 0.73 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.85 2.53 -0.57	37.72 2.66 0.00	38.45 2.94 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.56 2.33 -3.45	36.88 2.15 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
GOWANUS_GT2_8 24121	26.82 0.91 -9.27	25.33 0.74 -10.10	22.97 0.67 -8.03	21.43 0.60 -7.17	20.58 0.62 -6.08	22.22 0.73 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.85 2.53 -0.57	37.72 2.66 0.00	38.45 2.94 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.56 2.33 -3.45	36.88 2.15 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
GOWANUS_GT3_1 24122	26.82 0.91 -9.27	25.33 0.74 -10.10	22.97 0.67 -8.03	21.43 0.60 -7.17	20.58 0.62 -6.08	22.22 0.73 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.85 2.53 -0.57	37.72 2.66 0.00	38.45 2.94 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.56 2.33 -3.45	36.88 2.15 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44

GOWANUS_GT3_2 24123	26.82 0.91 -9.27	25.33 0.74 -10.10	22.97 0.67 -8.03	21.43 0.60 -7.17	20.58 0.62 -6.08	22.22 0.73 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.85 2.53 -0.57	37.72 2.66 0.00	38.45 2.94 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.56 2.33 -3.45	36.88 2.15 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
GOWANUS_GT3_3 24124	26.82 0.91 -9.27	25.33 0.74 -10.10	22.97 0.67 -8.03	21.43 0.60 -7.17	20.58 0.62 -6.08	22.22 0.73 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.85 2.53 -0.57	37.72 2.66 0.00	38.45 2.94 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.56 2.33 -3.45	36.88 2.15 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
GOWANUS_GT3_4 24125	26.82 0.91 -9.27	25.33 0.74 -10.10	22.97 0.67 -8.03	21.43 0.60 -7.17	20.58 0.62 -6.08	22.22 0.73 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.85 2.53 -0.57	37.72 2.66 0.00	38.45 2.94 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.56 2.33 -3.45	36.88 2.15 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
GOWANUS_GT3_5 24126	26.82 0.91 -9.27	25.33 0.74 -10.10	22.97 0.67 -8.03	21.43 0.60 -7.17	20.58 0.62 -6.08	22.22 0.73 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.85 2.53 -0.57	37.72 2.66 0.00	38.45 2.94 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.56 2.33 -3.45	36.88 2.15 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
GOWANUS_GT3_6 24127	26.82 0.91 -9.27	25.33 0.74 -10.10	22.97 0.67 -8.03	21.43 0.60 -7.17	20.58 0.62 -6.08	22.22 0.73 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.85 2.53 -0.57	37.72 2.66 0.00	38.45 2.94 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.56 2.33 -3.45	36.88 2.15 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
GOWANUS_GT3_7 24128	26.82 0.91 -9.27	25.33 0.74 -10.10	22.97 0.67 -8.03	21.43 0.60 -7.17	20.58 0.62 -6.08	22.22 0.73 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.85 2.53 -0.57	37.72 2.66 0.00	38.45 2.94 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.56 2.33 -3.45	36.88 2.15 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
GOWANUS_GT3_8 24129	26.82 0.91 -9.27	25.33 0.74 -10.10	22.97 0.67 -8.03	21.43 0.60 -7.17	20.58 0.62 -6.08	22.22 0.73 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.85 2.53 -0.57	37.72 2.66 0.00	38.45 2.94 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.56 2.33 -3.45	36.88 2.15 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
GOWANUS_GT4_1 24130	26.83 0.93 -9.27	25.36 0.77 -10.10	22.98 0.68 -8.03	21.46 0.63 -7.17	20.59 0.64 -6.08	22.24 0.75 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.78 2.46 -0.57	37.72 2.66 0.00	38.45 2.95 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.49 2.26 -3.45	36.86 2.12 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
GOWANUS_GT4_2 24131	26.83 0.93 -9.27	25.36 0.77 -10.10	22.98 0.68 -8.03	21.46 0.63 -7.17	20.59 0.64 -6.08	22.24 0.75 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.78 2.46 -0.57	37.72 2.66 0.00	38.45 2.95 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.49 2.26 -3.45	36.86 2.12 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
GOWANUS_GT4_3 24132	26.83 0.93 -9.27	25.36 0.77 -10.10	22.98 0.68 -8.03	21.46 0.63 -7.17	20.59 0.64 -6.08	22.24 0.75 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.78 2.46 -0.57	37.72 2.66 0.00	38.45 2.95 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.49 2.26 -3.45	36.86 2.12 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
GOWANUS_GT4_4 24133	26.83 0.93 -9.27	25.36 0.77 -10.10	22.98 0.68 -8.03	21.46 0.63 -7.17	20.59 0.64 -6.08	22.24 0.75 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.78 2.46 -0.57	37.72 2.66 0.00	38.45 2.95 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.49 2.26 -3.45	36.86 2.12 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
GOWANUS_GT4_5 24134	26.83 0.93 -9.27	25.36 0.77 -10.10	22.98 0.68 -8.03	21.46 0.63 -7.17	20.59 0.64 -6.08	22.24 0.75 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.78 2.46 -0.57	37.72 2.66 0.00	38.45 2.95 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.49 2.26 -3.45	36.86 2.12 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
GOWANUS_GT4_6 24135	26.83 0.93 -9.27	25.36 0.77 -10.10	22.98 0.68 -8.03	21.46 0.63 -7.17	20.59 0.64 -6.08	22.24 0.75 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.78 2.46 -0.57	37.72 2.66 0.00	38.45 2.95 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.49 2.26 -3.45	36.86 2.12 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
GOWANUS_GT4_7 24136	26.83 0.93 -9.27	25.36 0.77 -10.10	22.98 0.68 -8.03	21.46 0.63 -7.17	20.59 0.64 -6.08	22.24 0.75 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.78 2.46 -0.57	37.72 2.66 0.00	38.45 2.95 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.49 2.26 -3.45	36.86 2.12 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
GOWANUS_GT4_8 24137	26.83 0.93 -9.27	25.36 0.77 -10.10	22.98 0.68 -8.03	21.46 0.63 -7.17	20.59 0.64 -6.08	22.24 0.75 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.78 2.46 -0.57	37.72 2.66 0.00	38.45 2.95 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.49 2.26 -3.45	36.86 2.12 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44

GREENBSH_115KV_TB3 55895	28.11 0.17 -11.31	26.97 0.14 -12.33	24.21 0.13 -9.81	22.54 0.12 -8.76	21.44 0.14 -7.43	22.65 0.15 -5.55	24.46 0.15 -5.84	28.67 0.29 -7.89	28.51 0.42 -4.62	29.09 0.51 -1.61	28.97 0.54 -0.21	31.52 0.48 -2.69	33.60 0.40 0.55	35.48 0.42 0.00	36.07 0.60 0.02	38.29 0.72 0.30	67.03 0.55 -36.07	70.47 0.61 -31.50	60.67 0.64 -22.67	50.97 0.62 -13.73	37.58 0.59 -4.21	35.73 0.41 -8.13	34.47 0.41 -9.70	29.62 0.21 -6.25
GREENDGE_115KV_TB5 80291	18.89 0.43 -1.83	16.85 0.36 -1.99	16.20 0.34 -1.58	15.42 0.34 -1.41	15.39 0.32 -1.20	18.26 0.41 -0.91	19.92 0.50 -0.95	22.32 0.51 -1.32	24.87 0.61 -0.79	28.01 0.73 -0.31	29.05 0.76 -0.07	29.50 0.68 -0.47	34.76 1.01 0.00	36.04 0.98 0.00	36.20 0.71 0.00	38.59 0.72 0.00	37.16 0.43 -6.33	44.49 0.58 -5.57	42.01 0.60 -4.04	39.63 0.59 -2.42	33.99 0.52 -0.69	29.30 0.71 -1.41	26.57 0.56 -1.65	24.84 0.63 -1.05
GREENIDGE___3 23582	18.89 0.43 -1.83	16.85 0.36 -1.99	16.20 0.34 -1.58	15.42 0.34 -1.41	15.39 0.32 -1.20	18.26 0.41 -0.91	19.92 0.50 -0.95	22.32 0.51 -1.32	24.87 0.61 -0.79	28.01 0.73 -0.31	29.05 0.76 -0.07	29.50 0.68 -0.47	34.76 1.01 0.00	36.04 0.98 0.00	36.20 0.71 0.00	38.59 0.72 0.00	37.16 0.43 -6.33	44.49 0.58 -5.57	42.01 0.60 -4.04	39.63 0.59 -2.42	33.99 0.52 -0.69	29.30 0.71 -1.41	26.57 0.56 -1.65	24.84 0.63 -1.05
GREENIDGE___4 23583	18.89 0.43 -1.83	16.85 0.36 -1.99	16.19 0.34 -1.58	15.43 0.35 -1.41	15.41 0.33 -1.20	18.26 0.41 -0.91	19.92 0.50 -0.95	22.32 0.51 -1.32	24.87 0.61 -0.79	28.01 0.73 -0.31	29.02 0.73 -0.07	29.50 0.68 -0.47	34.76 1.01 0.00	36.04 0.98 0.00	36.20 0.71 0.00	38.59 0.72 0.00	37.16 0.43 -6.33	44.49 0.58 -5.57	42.00 0.60 -4.04	39.62 0.58 -2.42	33.99 0.52 -0.69	29.30 0.71 -1.41	26.57 0.56 -1.65	24.84 0.63 -1.05
GREENLWN_69_KV_BK 3 55738	31.21 1.16 -13.41	26.26 1.01 -10.75	24.26 0.97 -9.02	21.75 0.92 -7.17	20.90 0.94 -6.08	25.35 1.12 -7.29	26.93 1.24 -7.22	28.89 1.60 -6.80	29.73 2.07 -4.20	31.91 2.37 -2.57	34.69 2.17 -4.30	35.62 2.35 -4.91	34.47 2.77 2.04	36.58 3.01 1.50	61.53 3.26 -22.78	57.43 3.56 -16.00	62.06 2.92 -28.73	64.15 3.53 -22.27	55.88 3.29 -15.22	50.69 3.15 -10.92	36.51 2.79 -0.94	35.97 2.37 -6.42	33.73 2.00 -7.38	34.93 1.60 -10.17
GREENWD_138_KV_38B11_REV_LBMP_J 345004	26.83 0.93 -9.27	25.36 0.77 -10.10	22.98 0.68 -8.03	21.46 0.63 -7.17	20.59 0.64 -6.08	22.24 0.75 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.78 2.46 -0.57	37.72 2.66 0.00	38.45 2.95 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.49 2.26 -3.45	36.86 2.12 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
GRISSOM___SOLAR 323813	31.51 1.60 -13.28	30.38 1.41 -14.48	27.16 1.37 -11.52	25.27 1.32 -10.28	23.94 1.35 -8.72	25.16 1.69 -6.52	27.54 2.22 -6.86	32.41 2.58 -9.34	31.87 2.89 -5.52	32.01 3.02 -2.02	31.72 3.16 -0.33	34.59 3.00 -3.23	37.15 3.81 0.40	39.02 3.96 0.00	39.80 4.33 0.02	42.60 4.96 0.22	78.05 4.13 -43.51	81.75 5.29 -38.11	70.52 5.64 -27.51	58.74 5.53 -16.60	43.03 5.31 -4.94	40.94 4.00 -9.75	39.03 3.09 -11.58	33.40 2.82 -7.41
GROVEVILLE___HYD 323602	26.66 0.73 -9.29	25.25 0.62 -10.13	22.93 0.60 -8.06	21.43 0.57 -7.19	20.54 0.57 -6.10	22.20 0.69 -4.56	24.04 0.78 -4.80	28.36 1.09 -6.78	28.95 1.34 -4.14	30.36 1.56 -1.83	30.34 1.61 -0.50	32.57 1.73 -2.49	36.35 2.16 -0.44	37.44 2.38 0.00	38.13 2.63 -0.02	40.99 2.88 -0.24	66.91 2.49 -34.01	71.66 3.18 -30.12	62.41 3.03 -22.01	52.52 2.82 -13.08	38.47 2.23 -3.46	36.50 1.85 -7.46	34.59 1.56 -8.67	29.76 1.18 -5.42
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	18.45 0.17 -1.65	16.22 0.14 -1.58	15.82 0.13 -1.42	15.04 0.12 -1.25	14.83 0.11 -0.84	18.05 0.15 -0.95	19.63 0.20 -0.96	21.68 0.16 -1.02	24.39 0.12 -0.80	27.89 0.16 -0.76	29.08 0.20 -0.66	29.28 0.17 -0.75	34.72 0.27 -0.70	36.07 0.28 -0.74	36.33 0.14 -0.70	38.86 0.19 -0.80	34.18 0.09 -3.68	41.79 0.15 -3.29	40.48 0.11 -3.00	38.86 0.07 -2.17	34.00 0.07 -1.16	28.73 0.05 -1.49	25.76 0.02 -1.38	24.48 0.14 -1.18
HAMLTNNY_34_KV_TB 80303	17.92 0.25 -1.04	15.84 0.22 -1.13	15.37 0.20 -0.90	14.66 0.19 -0.80	14.75 0.19 -0.68	17.69 0.24 -0.51	19.28 0.28 -0.54	21.46 0.23 -0.74	24.15 0.23 -0.45	27.42 0.27 -0.18	28.60 0.34 -0.04	28.93 0.31 -0.26	34.22 0.47 0.00	35.51 0.46 0.00	35.81 0.32 0.00	38.25 0.38 0.00	34.22 0.24 -3.57	41.84 0.35 -3.15	39.95 0.30 -2.28	38.24 0.26 -1.37	33.43 0.26 -0.39	28.17 0.19 -0.79	25.44 0.15 -0.93	24.01 0.25 -0.59
HAMPSHIRE___PAPER_HYD 323593	-15.82 -1.66 30.79	-10.00 -1.44 23.06	-13.19 -1.38 26.07	-10.00 -1.34 22.32	-3.22 -1.33 15.76	-10.00 -1.56 25.39	-1.00 -1.66 17.81	-1.00 -1.91 19.59	-1.00 -2.32 22.14	-1.00 -2.72 25.25	-1.00 -2.82 26.40	-1.00 -2.92 26.44	-1.00 -3.61 31.13	-1.00 -3.61 32.45	-0.75 -3.83 32.40	-1.00 -4.13 34.74	-1.00 -3.10 28.30	-1.00 -3.80 35.55	-1.00 -3.33 35.04	-3.91 -3.11 37.42	-6.68 -2.92 36.54	-9.43 -2.47 34.14	-0.90 -2.39 22.87	-7.82 -2.22 28.76
HARDSCRABBLE_WT_PWR 323673	16.63 0.00 0.00	14.49 0.00 0.00	14.27 0.00 0.00	13.66 0.00 0.00	13.87 0.00 0.00	16.95 0.00 0.00	18.60 0.04 -0.09	20.66 0.04 -0.13	23.59 0.05 -0.08	27.03 0.03 -0.03	28.23 0.00 -0.01	28.37 -0.03 -0.05	33.64 -0.10 0.00	34.99 -0.07 0.00	35.38 -0.11 0.00	37.72 -0.15 0.00	30.94 -0.09 -0.63	38.75 -0.15 -0.55	37.66 -0.11 -0.40	36.75 -0.11 -0.24	32.69 -0.16 -0.07	27.30 -0.03 -0.14	24.52 0.00 -0.16	23.31 0.05 -0.10
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	25.94 0.60 -8.70	24.49 0.51 -9.49	22.30 0.49 -7.55	20.85 0.45 -6.74	20.05 0.46 -5.72	21.78 0.56 -4.27	23.63 0.66 -4.50	27.83 0.96 -6.38	28.58 1.20 -3.91	30.10 1.38 -1.76	30.13 1.41 -0.50	32.27 1.56 -2.35	36.13 1.89 -0.49	37.16 2.10 0.00	37.85 2.34 -0.02	40.71 2.57 -0.27	64.95 2.28 -32.26	69.81 2.88 -28.59	61.01 2.73 -20.92	51.56 2.53 -12.41	38.05 2.03 -3.24	35.91 1.66 -7.06	33.95 1.41 -8.19	29.28 1.02 -5.10
HARSNRAD_115KV_TB1 81005	18.37 0.32 -1.42	16.34 0.30 -1.54	15.77 0.27 -1.23	14.98 0.22 -1.10	14.98 0.18 -0.93	17.79 0.12 -0.73	19.09 -0.15 -0.77	21.20 -0.35 -1.06	23.87 -0.23 -0.63	26.93 -0.30 -0.25	27.80 -0.48 -0.05	28.02 -0.71 -0.37	33.71 -0.03 0.00	34.71 -0.35 0.00	34.67 -0.82 0.00	36.77 -1.10 0.00	34.58 -0.91 -5.09	41.56 -1.27 -4.47	39.38 -1.23 -3.25	37.58 -0.99 -1.95	32.45 -0.89 -0.55	27.78 -0.54 -1.13	25.39 -0.29 -1.33	24.19 0.19 -0.84
HARZA MOOSE___RIVER 24016	22.27 -0.23 -5.86	19.06 -0.19 -4.75	19.09 -0.16 -4.97	17.92 -0.15 -4.41	15.62 -0.12 -1.88	20.87 -0.12 -4.05	23.02 -0.09 -4.65	23.58 -0.14 -3.23	26.96 -0.23 -3.72	32.23 -0.27 -5.52	33.65 -0.28 -5.71	32.69 -0.31 -4.65	39.46 -0.40 -6.12	41.23 -0.32 -6.49	40.79 -0.43 -5.73	44.52 -0.53 -7.18	34.11 -0.33 -4.04	42.01 -0.35 -4.00	46.12 -0.04 -8.79	45.12 0.04 -8.47	39.34 -0.07 -6.63	33.46 -0.11 -6.38	28.61 -0.19 -4.45	28.32 -0.19 -5.34

HDSNBRDG_115KV_BRDG_TB1 355580	18.31 0.07 -1.61	16.06 0.04 -1.53	15.68 0.03 -1.38	14.92 0.04 -1.22	14.70 0.03 -0.80	17.92 0.03 -0.95	19.49 0.07 -0.95	21.47 0.00 -0.98	24.19 -0.07 -0.80	27.66 -0.11 -0.79	28.84 -0.08 -0.70	29.01 -0.11 -0.77	34.47 -0.03 -0.76	35.78 -0.07 -0.80	36.06 -0.18 -0.76	38.54 -0.19 -0.86	33.62 -0.18 -3.39	41.16 -0.23 -3.04	40.02 -0.22 -2.87	38.48 -0.26 -2.12	33.74 -0.23 -1.19	28.48 -0.19 -1.48	25.50 -0.19 -1.34	24.30 -0.05 -1.18
HELLGATE_13_KV_LD 55870	26.71 0.82 -9.26	25.28 0.70 -10.10	22.93 0.63 -8.03	21.41 0.57 -7.17	20.54 0.58 -6.08	22.20 0.71 -4.55	24.08 0.83 -4.78	28.50 1.21 -6.80	29.17 1.53 -4.18	30.78 1.91 -1.89	30.69 1.92 -0.55	32.92 2.04 -2.52	36.61 2.29 -0.57	37.58 2.52 0.00	38.35 2.84 -0.02	41.14 2.95 -0.32	67.53 2.58 -34.54	72.19 3.22 -30.62	62.74 2.95 -22.42	52.66 2.75 -13.30	38.33 2.10 -3.45	36.70 1.96 -7.55	34.81 1.70 -8.74	29.86 1.25 -5.44
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	26.71 0.82 -9.26	25.28 0.70 -10.10	22.93 0.63 -8.03	21.41 0.57 -7.17	20.54 0.58 -6.08	22.20 0.71 -4.55	24.08 0.83 -4.78	28.50 1.21 -6.80	29.17 1.53 -4.18	30.78 1.91 -1.89	30.69 1.92 -0.55	32.92 2.04 -2.52	36.61 2.29 -0.57	37.58 2.52 0.00	38.35 2.84 -0.02	41.14 2.95 -0.32	67.53 2.58 -34.54	72.19 3.22 -30.62	62.74 2.95 -22.42	52.66 2.75 -13.30	38.33 2.10 -3.45	36.70 1.96 -7.55	34.81 1.70 -8.74	29.86 1.25 -5.44
HEMPSTEAD____ 23647	31.04 1.00 -13.41	26.10 0.85 -10.75	24.11 0.83 -9.02	21.61 0.78 -7.17	20.77 0.80 -6.09	25.18 0.95 -7.29	26.76 1.07 -7.22	28.72 1.43 -6.80	29.52 1.85 -4.20	31.64 2.11 -2.57	34.61 2.09 -4.29	35.60 2.24 -5.01	37.01 2.70 -0.57	38.76 2.81 -0.90	63.21 3.05 -24.67	59.32 3.26 -18.20	67.63 2.68 -34.55	72.28 3.30 -30.63	62.86 3.07 -22.43	52.77 2.86 -13.30	38.89 2.52 -3.58	36.94 2.20 -7.55	36.22 1.92 -9.94	34.83 1.48 -10.19
HEWLETT_69_KV_BK3 55828	31.23 1.18 -13.41	26.28 1.03 -10.75	24.27 0.98 -9.02	21.76 0.93 -7.17	20.90 0.94 -6.08	25.37 1.14 -7.29	26.95 1.26 -7.22	28.89 1.60 -6.80	29.73 2.07 -4.20	31.83 2.29 -2.57	34.83 2.31 -4.29	35.89 2.52 -5.01	37.32 3.00 -0.57	39.18 3.23 -0.90	63.67 3.51 -24.67	59.85 3.79 -18.20	67.99 3.04 -34.55	72.74 3.76 -30.63	63.31 3.51 -22.43	53.25 3.33 -13.30	39.31 2.95 -3.58	37.27 2.53 -7.55	36.57 2.27 -9.94	35.11 1.76 -10.19
HICKLING___1 23621	19.39 0.43 -2.32	17.40 0.38 -2.53	16.64 0.36 -2.01	15.81 0.36 -1.79	15.74 0.35 -1.52	18.49 0.39 -1.15	20.05 0.37 -1.21	22.56 0.39 -1.68	25.01 0.54 -1.00	28.02 0.65 -0.40	29.02 0.71 -0.09	29.57 0.62 -0.59	35.30 1.55 0.00	36.56 1.51 0.00	36.69 1.21 0.00	39.12 1.25 0.00	39.06 0.61 -8.05	46.20 0.77 -7.08	43.22 0.71 -5.14	40.47 0.77 -3.08	34.34 0.69 -0.87	29.63 0.65 -1.79	27.02 0.56 -2.10	25.12 0.63 -1.33
HICKLING___2 23622	19.39 0.43 -2.32	17.40 0.38 -2.53	16.64 0.36 -2.01	15.81 0.36 -1.79	15.74 0.35 -1.52	18.49 0.39 -1.15	20.05 0.37 -1.21	22.56 0.39 -1.68	25.01 0.54 -1.00	28.02 0.65 -0.40	29.02 0.71 -0.09	29.57 0.62 -0.59	35.30 1.55 0.00	36.56 1.51 0.00	36.69 1.21 0.00	39.12 1.25 0.00	39.06 0.61 -8.05	46.20 0.77 -7.08	43.22 0.71 -5.14	40.47 0.77 -3.08	34.34 0.69 -0.87	29.63 0.65 -1.79	27.02 0.56 -2.10	25.12 0.63 -1.33
HIGH FALLS___HY 23754	26.42 0.60 -9.18	25.03 0.52 -10.01	22.74 0.50 -7.97	21.24 0.46 -7.11	20.38 0.47 -6.03	22.03 0.58 -4.51	23.91 0.70 -4.74	28.12 0.98 -6.64	28.74 1.22 -4.05	30.12 1.43 -1.71	30.07 1.41 -0.43	32.36 1.59 -2.42	36.03 2.02 -0.26	37.30 2.24 0.00	37.95 2.45 -0.01	40.70 2.69 -0.14	65.85 2.49 -32.95	70.50 3.22 -28.93	61.52 3.06 -21.09	52.05 2.86 -12.57	38.43 2.23 -3.42	36.29 1.88 -7.22	34.35 1.56 -8.43	29.62 1.16 -5.30
HILLBURN___GT 23639	25.97 0.52 -8.82	24.55 0.43 -9.62	22.34 0.41 -7.65	20.89 0.40 -6.83	20.07 0.40 -5.79	21.75 0.47 -4.33	23.67 0.65 -4.56	27.92 0.96 -6.47	28.68 1.24 -3.97	30.16 1.40 -1.79	30.20 1.47 -0.51	32.36 1.62 -2.39	36.21 1.96 -0.51	37.16 2.10 0.00	37.88 2.38 -0.02	40.72 2.58 -0.28	65.37 2.22 -32.75	70.17 2.80 -29.02	61.22 2.62 -21.24	51.64 2.42 -12.60	38.00 1.93 -3.28	35.98 1.63 -7.16	34.02 1.36 -8.30	29.29 0.95 -5.17
HILLSIDE_115KV_TB1 80332	19.17 0.13 -2.40	17.22 0.12 -2.61	16.45 0.10 -2.08	15.63 0.11 -1.86	15.53 0.08 -1.57	18.19 0.05 -1.19	19.76 0.04 -1.25	22.26 0.04 -1.73	24.65 0.14 -1.04	27.57 0.19 -0.41	28.51 0.20 -0.09	29.11 0.14 -0.61	34.72 0.98 0.00	35.97 0.91 0.00	36.13 0.64 0.00	38.51 0.64 0.00	38.81 0.09 -8.31	45.78 0.12 -7.31	42.75 0.07 -5.31	39.95 0.15 -3.18	33.82 0.13 -0.90	29.23 0.19 -1.85	26.70 0.17 -2.17	24.79 0.25 -1.38
HISHELDN_WT_PWR 323625	18.59 0.28 -1.67	16.62 0.30 -1.82	16.00 0.29 -1.45	15.22 0.26 -1.29	15.19 0.22 -1.10	17.97 0.17 -0.85	19.35 0.17 -0.90	21.59 -0.02 -1.24	24.19 -0.02 -0.74	27.27 0.00 -0.29	28.12 -0.17 -0.06	28.48 -0.31 -0.44	34.38 0.64 0.00	35.51 0.45 0.00	35.52 0.04 0.00	37.72 -0.15 0.00	35.94 -0.43 -5.96	42.94 -0.65 -5.24	40.54 -0.64 -3.80	38.50 -0.40 -2.28	33.00 -0.43 -0.65	28.38 -0.14 -1.32	25.91 0.00 -1.56	24.50 0.35 -0.99
HOLTSVILLE_IC_1 23690	31.44 1.40 -13.41	26.46 1.22 -10.75	24.47 1.18 -9.02	21.92 1.09 -7.17	21.10 1.14 -6.09	25.61 1.37 -7.29	27.20 1.51 -7.22	29.11 1.82 -6.80	29.92 2.25 -4.20	32.18 2.64 -2.57	35.48 2.60 -4.66	40.16 2.75 -9.05	51.20 3.24 -14.21	124.45 3.26 -86.13	130.87 3.48 -91.91	137.73 3.71 -96.15	275.47 2.98 -242.08	371.12 3.72 -329.05	320.48 3.44 -279.68	137.72 3.26 -97.84	133.20 2.92 -97.50	77.27 2.56 -47.52	50.06 2.36 -23.34	35.33 1.90 -10.27
HOLTSVILLE_IC_10 23699	31.57 1.53 -13.41	26.58 1.33 -10.75	24.59 1.30 -9.02	22.03 1.20 -7.17	21.21 1.25 -6.09	25.74 1.51 -7.29	27.33 1.64 -7.22	29.26 1.97 -6.80	30.10 2.44 -4.20	32.43 2.89 -2.57	35.71 2.85 -4.63	40.21 3.04 -8.82	52.40 3.58 -15.08	120.00 3.65 -81.30	127.46 3.87 -88.10	133.73 4.13 -91.73	264.03 3.31 -230.31	354.62 4.14 -312.13	306.31 3.85 -265.09	133.33 3.66 -93.05	128.24 3.28 -92.18	75.28 2.83 -45.26	51.16 2.61 -24.20	35.56 2.13 -10.27
HOLTSVILLE_IC_2 23691	31.44 1.40 -13.41	26.46 1.22 -10.75	24.47 1.18 -9.02	21.92 1.09 -7.17	21.10 1.14 -6.09	25.61 1.37 -7.29	27.20 1.51 -7.22	29.11 1.82 -6.80	29.92 2.25 -4.20	32.18 2.64 -2.57	35.48 2.60 -4.66	40.16 2.75 -9.05	51.20 3.24 -14.21	124.45 3.26 -86.13	130.87 3.48 -91.91	137.73 3.71 -96.15	275.47 2.98 -242.08	371.12 3.72 -329.05	320.48 3.44 -279.68	137.72 3.26 -97.84	133.20 2.92 -97.50	77.27 2.56 -47.52	50.06 2.36 -23.34	35.33 1.90 -10.27
HOLTSVILLE_IC_3 23692	31.44 1.40 -13.41	26.46 1.22 -10.75	24.47 1.18 -9.02	21.92 1.09 -7.17	21.10 1.14 -6.09	25.61 1.37 -7.29	27.20 1.51 -7.22	29.11 1.82 -6.80	29.92 2.25 -4.20	32.18 2.64 -2.57	35.48 2.60 -4.66	40.16 2.75 -9.05	51.20 3.24 -14.21	124.45 3.26 -86.13	130.87 3.48 -91.91	137.73 3.71 -96.15	275.47 2.98 -242.08	371.12 3.72 -329.05	320.48 3.44 -279.68	137.72 3.26 -97.84	133.20 2.92 -97.50	77.27 2.56 -47.52	50.06 2.36 -23.34	35.33 1.90 -10.27

HOLTSVILLE_IC_4 23693	31.44 1.40 -13.41	26.46 1.22 -10.75	24.47 1.18 -9.02	21.92 1.09 -7.17	21.10 1.14 -6.09	25.61 1.37 -7.29	27.20 1.51 -7.22	29.11 1.82 -6.80	29.92 2.25 -4.20	32.18 2.64 -2.57	35.48 2.60 -4.66	40.16 2.75 -9.05	51.20 3.24 -14.21	124.45 3.26 -86.13	130.87 3.48 -91.91	137.73 3.71 -96.15	275.47 2.98 -242.08	371.12 3.72 -329.05	320.48 3.44 -279.68	137.72 3.26 -97.84	133.20 2.92 -97.50	77.27 2.56 -47.52	50.06 2.36 -23.34	35.33 1.90 -10.27
HOLTSVILLE_IC_5 23694	31.44 1.40 -13.41	26.46 1.22 -10.75	24.47 1.18 -9.02	21.92 1.09 -7.17	21.10 1.14 -6.09	25.61 1.37 -7.29	27.20 1.51 -7.22	29.11 1.82 -6.80	29.92 2.25 -4.20	32.18 2.64 -2.57	35.48 2.60 -4.66	40.16 2.75 -9.05	51.20 3.24 -14.21	124.45 3.26 -86.13	130.87 3.48 -91.91	137.73 3.71 -96.15	275.47 2.98 -242.08	371.12 3.72 -329.05	320.48 3.44 -279.68	137.72 3.26 -97.84	133.20 2.92 -97.50	77.27 2.56 -47.52	50.06 2.36 -23.34	35.33 1.90 -10.27
HOLTSVILLE_IC_6 23695	31.57 1.53 -13.41	26.58 1.33 -10.75	24.59 1.30 -9.02	22.03 1.20 -7.17	21.21 1.25 -6.09	25.74 1.51 -7.29	27.33 1.64 -7.22	29.26 1.97 -6.80	30.10 2.44 -4.20	32.43 2.89 -2.57	35.71 2.85 -4.63	40.21 3.04 -8.82	52.40 3.58 -15.08	120.00 3.65 -81.30	127.46 3.87 -88.10	133.73 4.13 -91.73	264.03 3.31 -230.31	354.62 4.14 -312.13	306.31 3.85 -265.09	133.33 3.66 -93.05	128.24 3.28 -92.18	75.28 2.83 -45.26	51.16 2.61 -24.20	35.56 2.13 -10.27
HOLTSVILLE_IC_7 23696	31.57 1.53 -13.41	26.58 1.33 -10.75	24.59 1.30 -9.02	22.03 1.20 -7.17	21.21 1.25 -6.09	25.74 1.51 -7.29	27.33 1.64 -7.22	29.26 1.97 -6.80	30.10 2.44 -4.20	32.43 2.89 -2.57	35.71 2.85 -4.63	40.21 3.04 -8.82	52.40 3.58 -15.08	120.00 3.65 -81.30	127.46 3.87 -88.10	133.73 4.13 -91.73	264.03 3.31 -230.31	354.62 4.14 -312.13	306.31 3.85 -265.09	133.33 3.66 -93.05	128.24 3.28 -92.18	75.28 2.83 -45.26	51.16 2.61 -24.20	35.56 2.13 -10.27
HOLTSVILLE_IC_8 23697	31.57 1.53 -13.41	26.58 1.33 -10.75	24.59 1.30 -9.02	22.03 1.20 -7.17	21.21 1.25 -6.09	25.74 1.51 -7.29	27.33 1.64 -7.22	29.26 1.97 -6.80	30.10 2.44 -4.20	32.43 2.89 -2.57	35.71 2.85 -4.63	40.21 3.04 -8.82	52.40 3.58 -15.08	120.00 3.65 -81.30	127.46 3.87 -88.10	133.73 4.13 -91.73	264.03 3.31 -230.31	354.62 4.14 -312.13	306.31 3.85 -265.09	133.33 3.66 -93.05	128.24 3.28 -92.18	75.28 2.83 -45.26	51.16 2.61 -24.20	35.56 2.13 -10.27
HOLTSVILLE_IC_9 23698	31.57 1.53 -13.41	26.58 1.33 -10.75	24.59 1.30 -9.02	22.03 1.20 -7.17	21.21 1.25 -6.09	25.74 1.51 -7.29	27.33 1.64 -7.22	29.26 1.97 -6.80	30.10 2.44 -4.20	32.43 2.89 -2.57	35.71 2.85 -4.63	40.21 3.04 -8.82	52.40 3.58 -15.08	120.00 3.65 -81.30	127.46 3.87 -88.10	133.73 4.13 -91.73	264.03 3.31 -230.31	354.62 4.14 -312.13	306.31 3.85 -265.09	133.33 3.66 -93.05	128.24 3.28 -92.18	75.28 2.83 -45.26	51.16 2.61 -24.20	35.56 2.13 -10.27
HOMER_HL_115KV_TB2 355744	18.28 -0.12 -1.76	16.34 -0.07 -1.92	15.68 -0.11 -1.53	14.93 -0.10 -1.37	14.91 -0.12 -1.16	17.59 -0.25 -0.90	18.99 -0.42 -0.94	21.31 -0.49 -1.30	23.85 -0.40 -0.78	26.85 -0.43 -0.31	27.81 -0.48 -0.07	28.22 -0.60 -0.46	35.33 1.59 0.00	36.49 1.44 0.00	36.55 1.06 0.00	38.85 0.98 0.00	36.03 -0.64 -6.27	42.90 -0.96 -5.51	40.44 -0.93 -4.00	38.32 -0.70 -2.40	32.84 -0.62 -0.68	28.20 -0.38 -1.39	25.70 -0.29 -1.64	24.06 -0.14 -1.04
HOWARD_WT_PWR 323690	19.06 0.48 -1.94	17.04 0.43 -2.12	16.38 0.43 -1.69	15.62 0.45 -1.50	15.58 0.43 -1.28	18.41 0.49 -0.97	19.99 0.50 -1.02	22.42 0.51 -1.41	24.97 0.66 -0.85	28.09 0.78 -0.34	29.03 0.73 -0.07	29.48 0.62 -0.50	35.33 1.59 0.00	36.60 1.54 0.00	36.66 1.17 0.00	39.04 1.18 0.00	37.77 0.58 -6.78	45.01 0.69 -5.97	42.41 0.71 -4.33	40.02 0.80 -2.60	34.24 0.72 -0.74	29.51 0.81 -1.51	26.84 0.71 -1.77	25.14 0.86 -1.12
HQ_GEN_CEDARS 23644	-1.03 -2.55 15.12	-0.08 -2.23 12.34	-0.71 -2.18 12.80	-0.01 -2.08 11.60	0.66 -2.07 11.14	0.14 -2.47 14.33	1.01 -2.68 14.78	1.99 -2.99 15.51	2.74 -3.50 17.23	5.82 -4.02 17.13	6.19 -4.12 17.91	5.16 -4.14 19.06	10.42 -5.03 18.29	10.33 -5.12 19.61	14.39 -5.15 15.95	10.12 -5.64 22.10	3.13 -4.44 22.83	3.11 -5.60 29.64	7.06 -5.34 24.97	7.09 -5.20 24.33	10.32 -4.49 17.97	6.64 -3.78 16.77	9.79 -3.36 11.21	5.77 -3.27 14.13
HQ_GEN_CEDARS_PROXY 323590	-1.03 -2.54 15.12	-0.08 -2.23 12.34	-0.71 -2.18 12.80	-0.01 -2.08 11.60	0.66 -2.07 11.14	0.14 -2.47 14.33	1.01 -2.68 14.78	1.99 -2.99 15.51	2.74 -3.50 17.23	5.82 -4.02 17.13	6.19 -4.12 17.91	5.16 -4.14 19.06	10.42 -5.03 18.29	10.30 -5.15 19.61	14.39 -5.15 15.95	10.12 -5.64 22.10	3.13 -4.44 22.83	3.11 -5.60 29.64	7.06 -5.35 24.97	7.09 -5.20 24.33	10.35 -4.46 17.97	6.64 -3.78 16.77	9.79 -3.36 11.21	5.77 -3.27 14.13
HQ_GEN_IMPORT 323601	1.84 -2.59 12.20	2.19 -2.27 10.03	1.72 -2.23 10.33	2.14 -2.12 9.41	1.49 -2.10 10.28	2.16 -2.51 12.27	3.32 -2.73 12.41	3.48 -3.05 13.95	4.61 -3.52 15.34	8.71 -4.05 14.22	9.21 -4.15 14.87	7.59 -4.14 16.63	13.70 -5.03 15.02	13.77 -5.15 16.13	17.45 -5.15 12.89	14.00 -5.60 18.26	4.49 -4.44 21.47	4.54 -5.60 28.21	11.17 -5.42 20.78	11.20 -5.31 20.11	13.75 -4.52 14.51	9.83 -3.83 13.53	11.93 -3.38 9.04	8.47 -3.29 11.40
HQ_GEN_WHEEL 23651	1.84 -2.59 12.20	2.19 -2.27 10.03	1.72 -2.23 10.33	2.14 -2.12 9.41	1.49 -2.10 10.28	2.16 -2.51 12.27	3.32 -2.73 12.41	3.48 -3.05 13.95	4.61 -3.52 15.34	8.71 -4.05 14.22	9.21 -4.15 14.87	7.59 -4.14 16.63	13.70 -5.03 15.02	13.77 -5.15 16.13	17.45 -5.15 12.89	14.00 -5.60 18.26	4.49 -4.44 21.47	4.54 -5.60 28.21	11.17 -5.42 20.78	11.20 -5.31 20.11	13.75 -4.52 14.51	9.83 -3.83 13.53	11.93 -3.38 9.04	8.47 -3.29 11.40
HUDSON_AVE_GT_3 23810	26.66 0.77 -9.26	25.25 0.67 -10.09	22.91 0.61 -8.03	21.40 0.57 -7.17	20.52 0.57 -6.08	22.20 0.71 -4.55	24.08 0.83 -4.78	28.52 1.23 -6.80	29.24 1.60 -4.18	30.75 1.89 -1.89	30.66 1.89 -0.55	32.92 2.04 -2.52	36.68 2.36 -0.57	37.58 2.52 0.00	38.31 2.80 -0.02	41.21 3.03 -0.31	67.62 2.68 -34.54	72.31 3.34 -30.62	62.89 3.10 -22.42	52.73 2.82 -13.29	38.42 2.20 -3.45	36.69 1.96 -7.55	34.78 1.68 -8.74	29.81 1.20 -5.44
HUDSON_AVE_GT_4 23540	26.66 0.77 -9.26	25.25 0.67 -10.09	22.91 0.61 -8.03	21.40 0.57 -7.17	20.52 0.57 -6.08	22.20 0.71 -4.55	24.08 0.83 -4.78	28.52 1.23 -6.80	29.24 1.60 -4.18	30.75 1.89 -1.89	30.66 1.89 -0.55	32.92 2.04 -2.52	36.68 2.36 -0.57	37.58 2.52 0.00	38.31 2.80 -0.02	41.21 3.03 -0.31	67.62 2.68 -34.54	72.31 3.34 -30.62	62.89 3.10 -22.42	52.73 2.82 -13.29	38.42 2.20 -3.45	36.69 1.96 -7.55	34.78 1.68 -8.74	29.81 1.20 -5.44
HUDSON_AVE_GT_5 23657	26.66 0.77 -9.26	25.25 0.67 -10.09	22.91 0.61 -8.03	21.40 0.57 -7.17	20.52 0.57 -6.08	22.20 0.71 -4.55	24.08 0.83 -4.78	28.52 1.23 -6.80	29.24 1.60 -4.18	30.75 1.89 -1.89	30.66 1.89 -0.55	32.92 2.04 -2.52	36.68 2.36 -0.57	37.58 2.52 0.00	38.31 2.80 -0.02	41.21 3.03 -0.31	67.62 2.68 -34.54	72.31 3.34 -30.62	62.89 3.10 -22.42	52.73 2.82 -13.29	38.42 2.20 -3.45	36.69 1.96 -7.55	34.78 1.68 -8.74	29.81 1.20 -5.44

HUDSON_AVE_10 24168	26.61 0.72 -9.26	25.21 0.62 -10.09	22.87 0.57 -8.03	21.36 0.53 -7.17	20.48 0.53 -6.08	22.15 0.66 -4.55	24.04 0.79 -4.78	28.50 1.21 -6.80	29.20 1.55 -4.18	30.70 1.83 -1.89	30.55 1.78 -0.55	32.83 1.96 -2.52	36.58 2.26 -0.57	37.48 2.42 0.00	38.21 2.70 -0.02	41.10 2.92 -0.31	67.53 2.58 -34.54	72.23 3.26 -30.62	62.82 3.03 -22.42	52.66 2.75 -13.29	38.36 2.13 -3.45	36.59 1.85 -7.55	34.73 1.63 -8.74	29.76 1.16 -5.44
HUDSON___115KV_TB 4 355613	28.18 0.52 -11.03	26.96 0.43 -12.03	24.25 0.41 -9.57	22.60 0.40 -8.54	21.55 0.43 -7.24	22.87 0.51 -5.42	24.72 0.55 -5.70	28.95 0.72 -7.74	28.91 0.87 -4.57	29.76 1.13 -1.66	29.59 1.10 -0.26	31.82 0.79 -2.67	34.28 0.91 0.38	35.93 0.88 0.00	36.64 1.17 0.01	39.10 1.44 0.21	67.52 1.16 -35.96	71.27 1.46 -31.46	61.59 1.53 -22.69	51.89 1.57 -13.70	38.20 1.31 -4.11	36.23 0.98 -8.06	34.77 0.83 -9.58	29.93 0.63 -6.14
HUNTER MOUNT___DRP 323613	27.93 0.57 -10.73	26.65 0.46 -11.70	24.02 0.44 -9.31	22.39 0.42 -8.30	21.36 0.44 -7.05	22.76 0.54 -5.27	24.58 0.57 -5.54	28.82 0.76 -7.57	28.81 0.84 -4.50	29.87 1.21 -1.68	29.77 1.24 -0.30	31.82 0.82 -2.64	34.55 1.05 0.24	36.00 0.95 0.00	36.79 1.31 0.01	39.40 1.67 0.13	67.35 1.34 -35.61	71.27 1.73 -31.19	61.79 1.87 -22.55	52.10 1.90 -13.58	38.25 1.48 -3.99	36.26 1.11 -7.95	34.75 0.97 -9.42	29.92 0.74 -6.02
HUNTINGTON_RES_REC 323705	31.39 1.35 -13.41	26.41 1.16 -10.75	24.41 1.13 -9.02	21.88 1.05 -7.17	21.05 1.08 -6.09	25.54 1.30 -7.29	27.09 1.40 -7.22	29.05 1.76 -6.80	29.89 2.23 -4.20	32.15 2.62 -2.57	35.43 2.48 -4.72	41.52 2.66 -10.50	61.01 3.17 -24.10	156.83 3.33 -118.44	156.49 3.58 -117.42	167.48 3.90 -125.71	354.22 3.16 -320.65	484.26 3.91 -441.99	418.04 3.62 -377.05	169.96 3.44 -129.90	168.93 3.05 -133.10	92.52 2.61 -62.72	59.71 2.29 -33.06	35.39 1.85 -10.38
HUNTLEY___63 23557	18.52 0.42 -1.47	16.51 0.42 -1.60	15.91 0.37 -1.27	15.13 0.33 -1.14	15.13 0.29 -0.96	17.87 0.17 -0.76	19.23 -0.04 -0.80	21.37 -0.23 -1.10	24.03 -0.09 -0.66	27.13 -0.11 -0.26	28.00 -0.28 -0.06	28.27 -0.48 -0.39	33.95 0.20 0.00	34.95 -0.11 0.00	34.95 -0.53 0.00	37.03 -0.83 0.00	34.94 -0.76 -5.30	41.90 -1.11 -4.66	39.63 -1.12 -3.38	37.88 -0.77 -2.03	32.60 -0.75 -0.58	28.04 -0.33 -1.18	25.62 -0.12 -1.38	24.36 0.32 -0.88
HUNTLEY___64 23558	18.52 0.42 -1.47	16.51 0.42 -1.60	15.91 0.37 -1.27	15.13 0.33 -1.14	15.13 0.29 -0.96	17.87 0.17 -0.76	19.23 -0.04 -0.80	21.37 -0.23 -1.10	24.03 -0.09 -0.66	27.13 -0.11 -0.26	28.00 -0.28 -0.06	28.27 -0.48 -0.39	33.95 0.20 0.00	34.95 -0.11 0.00	34.95 -0.53 0.00	37.03 -0.83 0.00	34.94 -0.76 -5.30	41.90 -1.11 -4.66	39.63 -1.12 -3.38	37.88 -0.77 -2.03	32.60 -0.75 -0.58	28.04 -0.33 -1.18	25.62 -0.12 -1.38	24.36 0.32 -0.88
HUNTLEY___65 23559	18.52 0.42 -1.47	16.51 0.42 -1.60	15.91 0.37 -1.27	15.13 0.33 -1.14	15.13 0.29 -0.96	17.87 0.17 -0.76	19.23 -0.04 -0.80	21.37 -0.23 -1.10	24.03 -0.09 -0.66	27.13 -0.11 -0.26	28.00 -0.28 -0.06	28.27 -0.48 -0.39	33.95 0.20 0.00	34.95 -0.11 0.00	34.95 -0.53 0.00	37.03 -0.83 0.00	34.94 -0.76 -5.30	41.90 -1.11 -4.66	39.63 -1.12 -3.38	37.88 -0.77 -2.03	32.60 -0.75 -0.58	28.04 -0.33 -1.18	25.62 -0.12 -1.38	24.36 0.32 -0.88
HUNTLEY___66 23560	18.52 0.42 -1.47	16.51 0.42 -1.60	15.91 0.37 -1.27	15.13 0.33 -1.14	15.13 0.29 -0.96	17.87 0.17 -0.76	19.23 -0.04 -0.80	21.37 -0.23 -1.10	24.03 -0.09 -0.66	27.13 -0.11 -0.26	28.00 -0.28 -0.06	28.27 -0.48 -0.39	33.95 0.20 0.00	34.95 -0.11 0.00	34.95 -0.53 0.00	37.03 -0.83 0.00	34.94 -0.76 -5.30	41.90 -1.11 -4.66	39.63 -1.12 -3.38	37.88 -0.77 -2.03	32.60 -0.75 -0.58	28.04 -0.33 -1.18	25.62 -0.12 -1.38	24.36 0.32 -0.88
HUNTLEY___67 23561	18.42 0.28 -1.50	16.42 0.29 -1.63	15.81 0.24 -1.30	15.03 0.20 -1.16	15.02 0.17 -0.98	17.77 0.05 -0.78	19.12 -0.17 -0.82	21.25 -0.37 -1.13	23.89 -0.26 -0.68	26.94 -0.30 -0.27	27.80 -0.48 -0.06	28.08 -0.68 -0.40	33.88 0.13 0.00	34.88 -0.18 0.00	34.88 -0.60 0.00	37.00 -0.87 0.00	35.01 -0.82 -5.43	41.93 -1.19 -4.77	39.64 -1.20 -3.46	37.78 -0.92 -2.08	32.52 -0.85 -0.59	27.85 -0.54 -1.21	25.48 -0.29 -1.42	24.22 0.16 -0.90
HUNTLEY___68 23562	18.42 0.28 -1.50	16.42 0.29 -1.63	15.81 0.24 -1.30	15.03 0.20 -1.16	15.02 0.17 -0.98	17.77 0.05 -0.78	19.12 -0.17 -0.82	21.25 -0.37 -1.13	23.89 -0.26 -0.68	26.94 -0.30 -0.27	27.80 -0.48 -0.06	28.08 -0.68 -0.40	33.88 0.13 0.00	34.88 -0.18 0.00	34.88 -0.60 0.00	37.00 -0.87 0.00	35.01 -0.82 -5.43	41.93 -1.19 -4.77	39.64 -1.20 -3.46	37.78 -0.92 -2.08	32.52 -0.85 -0.59	27.85 -0.54 -1.21	25.48 -0.29 -1.42	24.22 0.16 -0.90
HYLAND___LFGE 323620	19.41 1.16 -1.61	17.24 0.99 -1.76	16.65 0.98 -1.40	15.85 0.94 -1.25	15.85 0.92 -1.06	18.87 1.12 -0.80	20.42 1.11 -0.85	22.60 0.94 -1.17	24.82 0.66 -0.70	27.76 0.51 -0.28	28.28 0.00 -0.06	28.49 -0.28 -0.41	32.80 -0.94 0.00	34.08 -0.98 0.00	34.49 -0.99 0.00	36.85 -1.02 0.00	35.34 -0.67 -5.61	42.74 -0.54 -4.93	41.10 0.15 -3.58	39.24 0.47 -2.15	34.34 0.95 -0.61	30.04 1.60 -1.24	27.23 1.41 -1.47	25.57 1.48 -0.93
INDECK___CORINTH 23802	29.44 1.08 -11.73	28.21 0.93 -12.78	25.33 0.88 -10.17	23.59 0.85 -9.08	22.43 0.86 -7.70	23.77 1.07 -5.76	25.10 0.57 -6.06	29.40 0.74 -8.17	29.23 0.99 -4.78	29.78 1.16 -1.65	29.34 0.90 -0.21	31.96 0.82 -2.78	34.13 0.98 0.59	36.15 1.09 0.00	36.85 1.38 0.02	39.21 1.66 0.32	68.98 1.31 -37.27	72.43 1.54 -32.54	62.57 1.79 -23.40	52.81 2.01 -14.18	39.18 2.03 -4.36	36.98 1.39 -8.40	35.34 0.95 -10.04	30.37 0.74 -6.47
INDECK___ILION 23567	16.62 -0.02 0.00	14.49 0.00 0.00	14.27 0.00 0.00	13.65 -0.01 0.00	13.87 0.00 0.00	16.95 0.00 0.00	18.56 0.00 -0.09	20.62 0.00 -0.13	23.55 0.00 -0.08	26.98 -0.03 -0.03	28.20 -0.03 -0.01	28.35 -0.06 -0.05	33.68 -0.07 0.00	35.02 -0.04 0.00	35.42 -0.07 0.00	37.75 -0.11 0.00	30.97 -0.06 -0.63	38.83 -0.08 -0.55	37.77 0.00 -0.40	36.86 0.00 -0.24	32.82 -0.03 -0.07	27.33 0.00 -0.14	24.52 0.00 -0.16	23.27 0.00 -0.10
INDECK___OLEAN 23982	18.28 -0.12 -1.76	16.37 -0.04 -1.92	15.71 -0.09 -1.53	14.95 -0.08 -1.37	14.92 -0.11 -1.16	17.60 -0.24 -0.90	18.99 -0.42 -0.94	21.31 -0.49 -1.30	23.85 -0.40 -0.78	26.85 -0.43 -0.31	27.78 -0.51 -0.07	28.22 -0.60 -0.46	35.33 1.59 0.00	36.53 1.47 0.00	36.55 1.06 0.00	38.85 0.98 0.00	36.00 -0.67 -6.27	42.91 -0.96 -5.51	40.44 -0.93 -4.00	38.32 -0.70 -2.40	32.81 -0.66 -0.68	28.17 -0.41 -1.39	25.70 -0.29 -1.64	24.06 -0.14 -1.04
INDECK___OSWEGO 23783	18.61 -0.12 -2.09	16.23 -0.12 -1.86	15.94 -0.11 -1.79	15.12 -0.11 -1.57	14.66 -0.11 -0.90	18.12 -0.14 -1.31	19.63 -0.13 -1.29	21.41 -0.27 -1.18	24.18 -0.38 -1.09	27.84 -0.43 -1.30	29.02 -0.45 -1.25	28.83 -0.71 -1.18	34.28 -0.84 -1.38	35.63 -0.88 -1.45	35.87 -0.99 -1.38	38.38 -1.06 -1.58	32.82 -0.85 -3.27	40.30 -1.03 -2.98	39.73 -1.01 -3.37	38.38 -0.99 -2.75	33.78 -0.85 -1.85	28.54 -0.71 -2.05	25.60 -0.44 -1.68	24.58 -0.25 -1.67



INDECK___YERKES 23781	18.55 0.45 -1.47	16.56 0.46 -1.60	15.97 0.43 -1.27	15.17 0.37 -1.14	15.16 0.32 -0.96	17.92 0.22 -0.76	19.25 -0.02 -0.80	21.39 -0.20 -1.10	24.06 -0.07 -0.66	27.15 -0.08 -0.26	28.00 -0.28 -0.06	28.29 -0.45 -0.39	33.95 0.20 0.00	35.02 -0.04 0.00	34.92 -0.57 0.00	37.03 -0.83 0.00	34.94 -0.76 -5.30	41.89 -1.11 -4.66	39.63 -1.12 -3.38	37.84 -0.81 -2.03	32.57 -0.79 -0.58	28.07 -0.30 -1.18	25.64 -0.10 -1.38	24.41 0.37 -0.88
INDIAN POINT_GT_1 24139	26.40 0.60 -9.16	25.00 0.52 -9.99	22.72 0.50 -7.95	21.22 0.46 -7.09	20.36 0.47 -6.02	22.02 0.58 -4.50	23.85 0.65 -4.73	28.18 0.96 -6.72	28.85 1.24 -4.13	30.30 1.46 -1.87	30.26 1.50 -0.54	32.49 1.64 -2.49	36.26 1.96 -0.56	37.20 2.14 0.00	37.89 2.38 -0.02	40.75 2.57 -0.31	66.78 2.22 -34.16	71.43 2.80 -30.28	62.19 2.65 -22.17	52.18 2.42 -13.15	38.09 1.90 -3.41	36.29 1.63 -7.46	34.37 1.36 -8.65	29.49 0.95 -5.38
INDIAN POINT_GT_2 23659	26.40 0.60 -9.16	25.00 0.52 -9.99	22.72 0.50 -7.95	21.22 0.46 -7.09	20.36 0.47 -6.02	22.02 0.58 -4.50	23.85 0.65 -4.73	28.18 0.96 -6.72	28.85 1.24 -4.13	30.30 1.46 -1.87	30.26 1.50 -0.54	32.49 1.64 -2.49	36.26 1.96 -0.56	37.20 2.14 0.00	37.89 2.38 -0.02	40.75 2.57 -0.31	66.78 2.22 -34.16	71.43 2.80 -30.28	62.19 2.65 -22.17	52.18 2.42 -13.15	38.09 1.90 -3.41	36.29 1.63 -7.46	34.37 1.36 -8.65	29.49 0.95 -5.38
INDIAN POINT_GT_3 24019	26.40 0.60 -9.16	25.00 0.52 -9.99	22.72 0.50 -7.95	21.22 0.46 -7.09	20.36 0.47 -6.02	22.02 0.58 -4.50	23.85 0.65 -4.73	28.18 0.96 -6.72	28.85 1.24 -4.13	30.30 1.46 -1.87	30.26 1.50 -0.54	32.49 1.64 -2.49	36.26 1.96 -0.56	37.20 2.14 0.00	37.89 2.38 -0.02	40.75 2.57 -0.31	66.78 2.22 -34.16	71.43 2.80 -30.28	62.19 2.65 -22.17	52.18 2.42 -13.15	38.09 1.90 -3.41	36.29 1.63 -7.46	34.37 1.36 -8.65	29.49 0.95 -5.38
INDIAN POINT___2 23530	26.24 0.57 -9.04	24.84 0.49 -9.86	22.58 0.47 -7.84	21.10 0.44 -7.00	20.27 0.46 -5.94	21.93 0.54 -4.44	23.78 0.65 -4.67	28.07 0.94 -6.63	28.76 1.22 -4.07	30.24 1.43 -1.84	30.19 1.44 -0.53	32.40 1.59 -2.45	36.17 1.89 -0.54	37.09 2.03 0.00	37.81 2.31 -0.02	40.66 2.50 -0.30	66.21 2.16 -33.65	70.90 2.72 -29.83	61.74 2.54 -21.83	51.91 2.35 -12.95	37.98 1.83 -3.36	36.12 1.58 -7.36	34.22 1.34 -8.52	29.40 0.93 -5.31
INDIAN POINT___3 23531	26.39 0.58 -9.17	25.00 0.51 -9.99	22.71 0.49 -7.95	21.22 0.46 -7.10	20.37 0.47 -6.02	22.01 0.56 -4.50	23.83 0.63 -4.74	28.16 0.94 -6.73	28.82 1.22 -4.14	30.25 1.40 -1.87	30.20 1.44 -0.54	32.41 1.56 -2.49	36.16 1.86 -0.56	37.06 2.00 0.00	37.74 2.24 -0.02	40.60 2.42 -0.31	66.71 2.13 -34.18	71.30 2.65 -30.30	62.06 2.50 -22.18	52.04 2.27 -13.16	38.00 1.80 -3.41	36.21 1.55 -7.47	34.32 1.32 -8.65	29.47 0.93 -5.39
INGHAM_C_115KV_TB7 356103	16.65 0.02 0.00	14.51 0.01 0.00	14.28 0.01 0.00	13.66 0.00 0.00	13.87 0.00 0.00	16.96 0.02 0.00	18.62 0.06 -0.09	20.69 0.06 -0.13	23.59 0.05 -0.08	27.00 0.00 -0.03	28.20 -0.03 -0.01	28.35 -0.06 -0.05	33.64 -0.10 0.00	34.99 -0.07 0.00	35.38 -0.11 0.00	37.72 -0.15 0.00	30.94 -0.09 -0.63	38.79 -0.12 -0.55	37.70 -0.07 -0.40	36.79 -0.07 -0.24	32.72 -0.13 -0.07	27.33 0.00 -0.14	24.57 0.05 -0.16	23.34 0.07 -0.10
IP CORINTH___1 23988	29.01 0.65 -11.73	27.81 0.54 -12.78	24.95 0.51 -10.17	23.23 0.49 -9.08	22.10 0.53 -7.70	23.33 0.63 -5.76	25.19 0.66 -6.06	29.52 0.86 -8.17	29.38 1.13 -4.78	29.95 1.32 -1.65	29.51 1.07 -0.21	32.10 0.96 -2.78	34.34 1.18 0.59	36.35 1.30 0.00	37.06 1.60 0.02	39.44 1.89 0.32	69.17 1.49 -37.27	72.66 1.76 -32.54	62.79 2.02 -23.40	53.00 2.20 -14.18	39.34 2.20 -4.36	37.12 1.52 -8.40	35.49 1.10 -10.04	30.49 0.86 -6.47
IP___TICONDEROGA 23804	30.14 1.80 -11.71	28.78 1.52 -12.77	25.90 1.47 -10.16	24.15 1.42 -9.06	23.06 1.50 -7.69	24.49 1.80 -5.75	26.58 2.07 -6.05	31.12 2.48 -8.15	31.26 3.03 -4.77	32.15 3.53 -1.64	31.96 3.53 -0.20	34.44 3.32 -2.77	37.02 3.88 0.60	39.19 4.14 0.00	40.08 4.61 0.02	42.80 5.26 0.33	71.65 4.10 -37.14	75.72 4.95 -32.42	65.95 5.27 -23.31	55.98 5.24 -14.13	42.48 5.34 -4.36	39.43 3.86 -8.38	37.31 2.95 -10.01	32.26 2.64 -6.46
ISLIP_RES_REC 323679	31.68 1.63 -13.41	26.67 1.42 -10.75	24.67 1.38 -9.02	22.10 1.27 -7.17	21.28 1.32 -6.09	25.84 1.61 -7.29	27.44 1.76 -7.22	29.40 2.11 -6.80	30.27 2.60 -4.20	32.64 3.10 -2.57	35.93 3.10 -4.60	40.14 3.29 -8.49	52.50 3.91 -14.84	113.58 4.00 -74.52	122.46 4.22 -82.75	127.94 4.54 -85.53	247.83 3.62 -213.81	331.27 4.52 -288.40	286.23 4.22 -244.63	126.94 3.99 -86.33	121.07 3.57 -84.71	72.34 3.07 -42.08	51.12 2.80 -23.97	35.72 2.29 -10.26
JAMAICA__27_KV_LOAD 355505	26.71 0.82 -9.26	25.30 0.71 -10.09	22.93 0.63 -8.03	21.40 0.57 -7.17	20.54 0.58 -6.08	22.24 0.75 -4.55	24.15 0.90 -4.78	28.66 1.37 -6.80	29.43 1.78 -4.18	30.91 2.05 -1.89	30.66 1.89 -0.55	32.92 2.04 -2.52	36.71 2.40 -0.57	37.62 2.56 0.00	38.35 2.84 -0.02	41.29 3.11 -0.31	67.77 2.83 -34.54	72.54 3.57 -30.62	63.12 3.33 -22.42	52.95 3.04 -13.29	38.55 2.33 -3.45	36.72 1.98 -7.55	34.92 1.83 -8.74	29.88 1.27 -5.44
JANIS___SOLAR 323808	19.93 0.83 -2.46	17.91 0.74 -2.68	17.14 0.74 -2.13	16.29 0.72 -1.90	16.24 0.75 -1.62	19.11 0.95 -1.21	20.83 1.09 -1.28	23.38 1.13 -1.76	25.65 1.13 -1.06	28.58 1.19 -0.42	29.47 1.16 -0.09	30.06 1.08 -0.62	35.30 1.55 0.00	36.67 1.61 0.00	36.94 1.46 0.00	39.42 1.55 0.00	40.16 1.28 -8.47	47.65 1.84 -7.46	44.91 2.13 -5.41	42.06 2.20 -3.24	35.60 1.90 -0.92	30.62 1.55 -1.88	27.81 1.24 -2.22	25.79 1.23 -1.40
JARVIS____ 23743	16.57 -0.07 0.00	14.44 -0.06 0.00	14.21 -0.06 0.00	13.61 -0.05 0.00	13.82 -0.06 0.00	16.88 -0.07 0.00	18.45 -0.11 -0.09	20.50 -0.12 -0.13	23.41 -0.14 -0.08	26.84 -0.16 -0.03	28.06 -0.17 -0.01	28.23 -0.17 -0.05	33.54 -0.20 0.00	34.85 -0.21 0.00	35.31 -0.18 0.00	37.64 -0.23 0.00	30.88 -0.15 -0.63	38.67 -0.23 -0.55	37.59 -0.19 -0.40	36.68 -0.18 -0.24	32.69 -0.16 -0.07	27.19 -0.14 -0.14	24.40 -0.12 -0.16	23.15 -0.12 -0.10
JENNISON___1 23625	20.61 0.86 -3.11	18.67 0.78 -3.39	17.75 0.78 -2.70	16.82 0.75 -2.41	16.71 0.79 -2.04	19.46 0.98 -1.53	21.17 1.09 -1.62	23.93 1.21 -2.23	26.14 1.34 -1.34	29.04 1.54 -0.53	29.89 1.55 -0.11	30.71 1.56 -0.79	35.87 2.13 0.00	37.34 2.28 0.00	37.62 2.13 0.00	40.03 2.16 0.00	42.79 1.67 -10.71	49.96 2.19 -9.43	46.60 2.39 -6.84	43.17 2.45 -4.10	36.01 2.07 -1.16	31.26 1.69 -2.38	28.55 1.39 -2.80	26.23 1.30 -1.78
JENNISON___2 23626	20.61 0.86 -3.11	18.67 0.78 -3.39	17.75 0.78 -2.70	16.82 0.75 -2.41	16.71 0.79 -2.04	19.46 0.98 -1.53	21.17 1.09 -1.62	23.93 1.21 -2.23	26.14 1.34 -1.34	29.04 1.54 -0.53	29.89 1.55 -0.11	30.71 1.56 -0.79	35.87 2.13 0.00	37.34 2.28 0.00	37.62 2.13 0.00	40.03 2.16 0.00	42.79 1.67 -10.71	49.96 2.19 -9.43	46.60 2.39 -6.84	43.17 2.45 -4.10	36.01 2.07 -1.16	31.26 1.69 -2.38	28.55 1.39 -2.80	26.23 1.30 -1.78

JERICO_RISE_WT_PWR 323719	-0.41 -2.91 14.14	0.44 -2.49 11.56	-0.10 -2.40 11.97	0.56 -2.24 10.86	0.83 -2.19 10.86	0.78 -2.52 13.64	1.77 -2.71 13.98	2.49 -3.01 14.99	3.44 -3.43 16.60	6.99 -3.83 16.16	7.47 -3.87 16.89	6.26 -3.86 18.24	11.96 -4.59 17.19	11.92 -4.70 18.44	15.88 -4.68 14.93	11.94 -5.11 20.81	3.95 -4.07 22.38	4.05 -5.14 29.16	8.84 -4.97 23.56	8.83 -4.87 22.92	11.94 -4.03 16.81	8.05 -3.45 15.68	10.85 -3.02 10.48	6.99 -2.96 13.21
KATONAH__115KV_46KV_TB4 355592	26.69 0.68 -9.38	25.31 0.59 -10.22	22.99 0.58 -8.13	21.47 0.55 -7.26	20.56 0.53 -6.16	22.19 0.64 -4.60	24.03 0.72 -4.84	28.46 1.09 -6.88	29.08 1.38 -4.23	30.53 1.65 -1.91	30.52 1.75 -0.55	32.77 1.87 -2.54	36.74 2.43 -0.56	37.72 2.66 0.00	38.42 2.91 -0.02	41.32 3.14 -0.31	67.98 2.68 -34.90	72.71 3.41 -30.95	63.27 3.25 -22.65	53.02 2.97 -13.44	38.47 2.20 -3.49	36.70 1.88 -7.63	34.68 1.49 -8.84	29.73 1.07 -5.51
KCE_NY_1 323755	29.21 0.88 -11.69	28.01 0.77 -12.75	25.15 0.74 -10.14	23.42 0.71 -9.05	22.27 0.72 -7.68	23.57 0.88 -5.74	25.30 0.79 -6.04	29.61 0.98 -8.13	29.47 1.24 -4.75	30.03 1.43 -1.63	29.86 1.44 -0.20	32.53 1.42 -2.76	34.81 1.69 0.62	36.84 1.79 0.00	37.48 2.02 0.02	39.84 2.31 0.34	69.23 1.82 -37.00	72.86 2.22 -32.29	62.90 2.32 -23.21	53.00 2.31 -14.07	39.33 2.20 -4.35	37.17 1.63 -8.35	35.63 1.29 -9.98	30.67 1.07 -6.44
KCE_NY_6_ESR 323823	18.58 0.38 -1.56	16.59 0.39 -1.71	15.98 0.36 -1.36	15.19 0.31 -1.21	15.16 0.26 -1.03	17.95 0.20 -0.80	19.30 -0.02 -0.85	21.50 -0.16 -1.17	24.15 -0.02 -0.70	27.25 0.00 -0.28	28.09 -0.20 -0.06	28.43 -0.34 -0.41	34.59 0.84 0.00	35.72 0.66 0.00	35.67 0.18 0.00	37.83 -0.04 0.00	35.60 -0.43 -5.62	42.61 -0.69 -4.95	40.25 -0.71 -3.59	38.37 -0.40 -2.15	32.93 -0.46 -0.61	28.28 -0.16 -1.25	25.83 0.00 -1.47	24.46 0.37 -0.93
KEDC_PORT_JEFF_GT2 24210	31.49 1.45 -13.41	26.51 1.26 -10.75	24.53 1.24 -9.02	21.96 1.13 -7.17	21.14 1.18 -6.09	25.66 1.42 -7.29	27.26 1.57 -7.22	29.14 1.85 -6.80	29.94 2.28 -4.20	32.24 2.70 -2.57	35.53 2.65 -4.65	40.22 2.78 -9.09	52.68 3.24 -15.70	125.35 3.19 -87.10	131.54 3.37 -92.68	138.50 3.60 -97.04	277.69 2.86 -244.43	374.34 3.57 -332.42	323.24 3.29 -282.58	138.54 3.11 -98.81	134.17 2.82 -98.57	77.67 2.50 -47.98	51.59 2.44 -24.80	35.46 2.01 -10.28
KEDC_PORT_JEFF_GT3 24211	31.49 1.45 -13.41	26.51 1.26 -10.75	24.53 1.24 -9.02	21.96 1.13 -7.17	21.14 1.18 -6.09	25.66 1.42 -7.29	27.26 1.57 -7.22	29.14 1.85 -6.80	29.94 2.28 -4.20	32.24 2.70 -2.57	35.53 2.65 -4.65	40.22 2.78 -9.09	52.68 3.24 -15.70	125.35 3.19 -87.10	131.54 3.37 -92.68	138.50 3.60 -97.04	277.69 2.86 -244.43	374.34 3.57 -332.42	323.24 3.29 -282.58	138.54 3.11 -98.81	134.17 2.82 -98.57	77.67 2.50 -47.98	51.59 2.44 -24.80	35.46 2.01 -10.28
KEDC_GLWD_GT4 24219	30.99 0.95 -13.41	26.07 0.83 -10.75	24.07 0.78 -9.02	21.57 0.74 -7.17	20.73 0.76 -6.09	25.15 0.91 -7.29	26.74 1.05 -7.22	28.70 1.41 -6.80	29.47 1.81 -4.20	31.64 2.11 -2.57	34.69 2.17 -4.29	35.52 2.15 -5.01	36.91 2.60 -0.57	38.69 2.74 -0.90	63.17 3.01 -24.67	59.32 3.26 -18.20	67.66 2.71 -34.55	72.31 3.33 -30.63	62.90 3.10 -22.43	52.81 2.89 -13.30	38.82 2.46 -3.58	36.83 2.09 -7.55	36.08 1.78 -9.94	34.83 1.48 -10.19
KEDC_GLWD_GT5 24220	30.99 0.95 -13.41	26.07 0.83 -10.75	24.07 0.78 -9.02	21.57 0.74 -7.17	20.73 0.76 -6.09	25.15 0.91 -7.29	26.74 1.05 -7.22	28.70 1.41 -6.80	29.47 1.81 -4.20	31.64 2.11 -2.57	34.69 2.17 -4.29	35.52 2.15 -5.01	36.91 2.60 -0.57	38.69 2.74 -0.90	63.17 3.01 -24.67	59.32 3.26 -18.20	67.66 2.71 -34.55	72.31 3.33 -30.63	62.90 3.10 -22.43	52.81 2.89 -13.30	38.82 2.46 -3.58	36.83 2.09 -7.55	36.08 1.78 -9.94	34.83 1.48 -10.19
KENSICO____ 23655	26.54 0.67 -9.24	25.14 0.58 -10.07	22.84 0.56 -8.01	21.33 0.52 -7.15	20.45 0.51 -6.07	22.11 0.63 -4.54	23.96 0.72 -4.77	28.32 1.05 -6.78	29.00 1.36 -4.17	30.45 1.59 -1.89	30.41 1.64 -0.55	32.63 1.76 -2.51	36.40 2.09 -0.57	37.30 2.24 0.00	37.99 2.48 -0.02	40.87 2.69 -0.31	67.21 2.34 -34.47	71.86 2.95 -30.55	62.51 2.77 -22.37	52.41 2.53 -13.27	38.22 2.00 -3.44	36.43 1.71 -7.53	34.54 1.46 -8.72	29.63 1.04 -5.43
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	25.98 0.63 -8.71	24.52 0.54 -9.49	22.34 0.51 -7.55	20.89 0.49 -6.74	20.08 0.49 -5.72	21.81 0.59 -4.28	23.67 0.70 -4.50	27.79 0.98 -6.31	28.57 1.22 -3.88	30.06 1.43 -1.66	30.10 1.44 -0.43	32.26 1.59 -2.32	36.04 1.99 -0.30	37.27 2.21 0.00	37.95 2.45 -0.01	40.72 2.69 -0.17	64.54 2.49 -31.64	69.19 3.14 -27.70	60.60 3.03 -20.20	51.51 2.86 -12.03	38.28 2.26 -3.24	35.96 1.88 -6.89	33.95 1.56 -8.04	29.36 1.16 -5.04
KIAC_JFK_GT1 23816	26.62 0.73 -9.26	25.21 0.62 -10.09	22.86 0.56 -8.03	21.33 0.51 -7.17	20.47 0.51 -6.08	22.15 0.66 -4.55	24.04 0.79 -4.78	28.54 1.25 -6.80	29.29 1.64 -4.18	30.64 1.78 -1.89	30.38 1.61 -0.55	32.63 1.76 -2.52	36.34 2.02 -0.57	37.23 2.17 0.00	37.99 2.48 -0.02	40.87 2.69 -0.31	67.44 2.49 -34.54	72.08 3.11 -30.62	62.70 2.91 -22.42	52.55 2.64 -13.29	38.19 1.97 -3.45	36.42 1.69 -7.55	34.66 1.56 -8.74	29.64 1.04 -5.44
KIAC_JFK_GT2 23817	26.62 0.73 -9.26	25.21 0.62 -10.09	22.86 0.56 -8.03	21.33 0.51 -7.17	20.47 0.51 -6.08	22.15 0.66 -4.55	24.04 0.79 -4.78	28.54 1.25 -6.80	29.29 1.64 -4.18	30.64 1.78 -1.89	30.38 1.61 -0.55	32.63 1.76 -2.52	36.34 2.02 -0.57	37.23 2.17 0.00	37.99 2.48 -0.02	40.87 2.69 -0.31	67.44 2.49 -34.54	72.08 3.11 -30.62	62.70 2.91 -22.42	52.55 2.64 -13.29	38.19 1.97 -3.45	36.42 1.69 -7.55	34.66 1.56 -8.74	29.64 1.04 -5.44
KIAC_JFK____ 323774	26.61 0.71 -9.26	25.18 0.59 -10.09	22.84 0.54 -8.03	21.32 0.49 -7.17	20.45 0.50 -6.08	22.13 0.64 -4.55	24.04 0.79 -4.78	28.54 1.25 -6.80	29.29 1.64 -4.18	30.64 1.78 -1.89	30.38 1.61 -0.55	32.63 1.76 -2.52	36.34 2.02 -0.57	37.23 2.17 0.00	37.99 2.48 -0.02	40.87 2.69 -0.31	67.44 2.49 -34.54	72.07 3.10 -30.62	62.71 2.92 -22.42	52.55 2.64 -13.29	38.19 1.97 -3.45	36.45 1.71 -7.55	34.66 1.56 -8.74	29.65 1.04 -5.44
KINTIGH____ 23543	18.25 0.32 -1.29	16.21 0.30 -1.41	15.66 0.27 -1.12	14.88 0.22 -1.00	14.90 0.18 -0.85	17.72 0.08 -0.69	19.12 -0.07 -0.72	21.23 -0.27 -1.00	23.90 -0.16 -0.60	26.99 -0.22 -0.24	27.88 -0.40 -0.05	28.12 -0.60 -0.35	33.44 -0.30 0.00	34.43 -0.63 0.00	34.46 -1.03 0.00	36.58 -1.29 0.00	34.44 -0.76 -4.80	41.54 -1.04 -4.22	39.39 -1.05 -3.06	37.58 -0.88 -1.84	32.55 -0.75 -0.52	27.77 -0.49 -1.07	25.34 -0.27 -1.25	24.14 0.19 -0.80
KNTFSRNC_46_KV_46KV_LOAD 80397	0.21 -2.81 13.61	0.97 -2.38 11.15	0.43 -2.31 11.53	1.03 -2.16 10.47	1.06 -2.11 10.70	1.27 -2.41 13.27	2.30 -2.60 13.56	2.89 -2.89 14.71	3.97 -3.24 16.26	7.73 -3.61 15.63	8.24 -3.64 16.35	6.92 -3.63 17.81	12.85 -4.29 16.61	12.89 -4.35 17.82	16.78 -4.33 14.38	12.97 -4.77 20.12	4.47 -3.80 22.13	4.65 -4.79 28.90	9.89 -4.67 22.81	9.92 -4.54 22.16	12.92 -3.67 16.19	8.91 -3.18 15.10	11.49 -2.78 10.09	7.71 -2.73 12.72

LACHUTE___HYDRO 323717	30.52 2.18 -11.71	29.11 1.86 -12.77	26.22 1.80 -10.16	24.45 1.72 -9.06	23.32 1.76 -7.69	24.88 2.19 -5.75	26.58 2.07 -6.05	31.12 2.48 -8.15	31.26 3.03 -4.77	32.15 3.53 -1.64	31.96 3.53 -0.20	34.41 3.29 -2.77	37.02 3.88 0.60	39.19 4.13 0.00	40.07 4.61 0.02	42.80 5.26 0.33	71.65 4.10 -37.14	75.72 4.95 -32.42	65.95 5.27 -23.31	55.98 5.24 -14.13	42.45 5.31 -4.36	39.43 3.86 -8.38	37.31 2.95 -10.01	32.26 2.64 -6.46
LAWRNCV_115KV_TB1 80681	-5.30 -2.58 19.36	-3.44 -2.25 15.69	-4.31 -2.18 16.39	-3.21 -2.09 14.78	-0.60 -2.08 12.39	-2.84 -2.46 17.32	-2.41 -2.66 18.21	-0.28 -2.99 17.78	-0.08 -3.57 19.98	1.47 -4.13 21.37	1.56 -4.32 22.34	1.41 -4.37 22.58	5.33 -5.37 23.05	4.94 -5.47 24.65	9.58 -5.50 20.41	4.16 -6.02 27.68	0.92 -4.68 24.80	0.84 -5.79 31.72	0.97 -5.34 31.05	0.95 -5.20 30.47	5.06 -4.72 23.00	1.75 -3.97 21.47	6.39 -3.60 14.37	1.58 -3.50 18.09
LEDERLE___ 23769	26.20 0.65 -8.92	24.78 0.57 -9.72	22.54 0.54 -7.73	21.07 0.51 -6.90	20.26 0.53 -5.85	21.95 0.63 -4.38	23.79 0.72 -4.61	28.07 1.05 -6.54	28.80 1.31 -4.01	30.29 1.51 -1.81	30.29 1.55 -0.52	32.47 1.70 -2.42	36.33 2.06 -0.52	37.34 2.28 0.00	38.03 2.52 -0.02	40.88 2.73 -0.29	65.91 2.37 -33.13	70.71 2.99 -29.36	61.66 2.80 -21.49	51.93 2.56 -12.75	38.17 2.07 -3.32	36.17 1.74 -7.24	34.22 1.46 -8.40	29.44 1.04 -5.23
LIGHTHSE_115KV_TB6 355974	20.46 -0.12 -3.94	17.72 -0.10 -3.33	17.52 -0.10 -3.35	16.54 -0.10 -2.97	15.20 -0.10 -1.43	19.48 -0.08 -2.62	21.35 -0.09 -2.98	22.53 -0.20 -2.24	25.51 -0.35 -2.39	29.89 -0.40 -3.32	31.20 -0.40 -3.37	30.69 -0.51 -2.85	36.72 -0.61 -3.59	38.27 -0.60 -3.80	38.10 -0.75 -3.36	41.28 -0.80 -4.21	33.81 -0.64 -4.04	41.44 -0.73 -3.82	43.03 -0.56 -6.22	41.75 -0.48 -5.60	36.39 -0.46 -4.07	30.92 -0.38 -4.11	27.06 -0.34 -3.05	26.36 -0.21 -3.41
LINDEN COGEN___ 23786	26.51 0.62 -9.26	25.11 0.52 -10.09	22.79 0.49 -8.03	21.28 0.45 -7.17	20.41 0.46 -6.08	22.05 0.56 -4.55	23.97 0.72 -4.78	28.39 1.11 -6.80	29.08 1.43 -4.18	30.54 1.67 -1.89	30.44 1.66 -0.55	31.36 1.79 -1.22	32.08 2.06 3.72	32.47 2.17 4.76	33.92 2.48 4.05	34.15 2.69 6.41	52.21 2.37 -19.43	54.41 2.95 -13.11	46.78 2.73 -6.68	35.34 2.49 3.77	33.25 1.90 1.44	33.25 1.69 -4.38	31.29 1.46 -5.47	29.62 1.02 -5.44
LINDHRST_69_KV_BK1 356055	31.46 1.41 -13.41	26.48 1.23 -10.75	24.47 1.18 -9.02	21.94 1.11 -7.17	21.09 1.14 -6.08	25.61 1.37 -7.29	27.20 1.51 -7.22	29.18 1.89 -6.80	30.03 2.37 -4.20	32.32 2.78 -2.57	35.29 2.74 -4.33	36.64 2.92 -5.36	41.18 3.44 -3.99	47.03 3.54 -8.43	69.86 3.76 -30.61	67.01 4.05 -25.09	86.55 3.25 -52.89	99.38 4.03 -57.01	86.31 3.77 -45.16	60.94 3.55 -20.77	47.88 3.21 -11.88	41.05 2.77 -11.08	40.22 2.56 -13.31	35.39 2.04 -10.19
LIPA_MISC_IPP 23656	31.59 1.55 -13.41	26.59 1.35 -10.75	24.60 1.31 -9.02	22.05 1.22 -7.17	21.20 1.25 -6.08	25.74 1.51 -7.29	27.35 1.66 -7.22	29.28 1.99 -6.80	30.10 2.44 -4.20	32.45 2.91 -2.57	35.76 2.88 -4.66	40.44 3.06 -9.02	51.73 3.61 -14.38	124.18 3.72 -85.41	130.76 3.94 -91.34	137.60 4.24 -95.49	274.13 3.41 -240.32	369.13 4.26 -326.52	318.87 4.00 -277.50	137.52 3.77 -97.13	132.86 3.38 -96.71	77.28 2.91 -47.18	50.52 2.65 -23.51	35.58 2.15 -10.27
LISF___SOLAR 323691	31.59 1.55 -13.41	26.59 1.35 -10.75	24.61 1.33 -9.02	22.03 1.20 -7.17	21.21 1.25 -6.09	25.76 1.53 -7.29	27.39 1.70 -7.22	29.32 2.03 -6.80	30.18 2.51 -4.20	32.51 2.97 -2.57	35.81 2.94 -4.65	40.45 3.12 -8.98	51.99 3.71 -14.54	123.42 3.82 -84.54	130.19 4.04 -90.66	136.92 4.35 -94.70	272.15 3.53 -238.22	366.25 4.41 -323.49	316.40 4.15 -274.89	136.81 3.92 -96.27	132.04 3.51 -95.75	76.99 3.02 -46.78	50.74 2.73 -23.66	35.65 2.22 -10.27
LITTLE FALLS___HYD 24013	16.65 0.02 0.00	14.51 0.01 0.00	14.28 0.01 0.00	13.66 0.00 0.00	13.87 0.00 0.00	16.96 0.02 0.00	18.62 0.06 -0.09	20.69 0.06 -0.13	23.59 0.05 -0.08	27.00 0.00 -0.03	28.20 -0.03 -0.01	28.35 -0.06 -0.05	33.64 -0.10 0.00	34.99 -0.07 0.00	35.38 -0.11 0.00	37.72 -0.15 0.00	30.94 -0.09 -0.63	38.79 -0.12 -0.55	37.70 -0.07 -0.40	36.79 -0.07 -0.24	32.72 -0.13 -0.07	27.33 0.00 -0.14	24.57 0.05 -0.16	23.34 0.07 -0.10
LITTLRIV_115KV_TB1 356100	-5.88 -2.46 20.05	-3.89 -2.14 16.24	-4.78 -2.07 16.98	-3.62 -1.98 15.30	-0.68 -1.96 12.60	-3.19 -2.32 17.81	-2.80 -2.49 18.78	-0.47 -2.81 18.15	-0.34 -3.38 20.43	1.05 -3.86 22.07	1.09 -4.06 23.07	1.08 -4.11 23.16	4.89 -5.03 23.83	4.49 -5.08 25.48	9.20 -5.15 21.14	3.59 -5.68 28.60	0.90 -4.38 25.13	0.84 -5.45 32.06	0.39 -4.93 32.05	0.35 -4.80 31.47	4.60 -4.36 23.82	1.28 -3.67 22.24	6.11 -3.36 14.88	1.16 -3.27 18.73
LI_NEWBRDGE___DRP 323616	31.03 0.98 -13.41	26.10 0.86 -10.75	24.11 0.83 -9.02	21.61 0.78 -7.17	20.76 0.80 -6.08	25.18 0.95 -7.29	26.74 1.05 -7.22	28.68 1.39 -6.80	29.45 1.78 -4.20	31.59 2.05 -2.57	34.49 1.98 -4.29	35.49 2.13 -5.01	36.81 2.50 -0.57	38.59 2.63 -0.90	63.03 2.87 -24.67	59.17 3.11 -18.20	67.48 2.52 -34.55	72.08 3.11 -30.63	62.64 2.84 -22.43	52.63 2.71 -13.30	38.72 2.36 -3.58	36.83 2.09 -7.55	36.15 1.85 -9.94	34.76 1.41 -10.19
LOCKPORT_115KV_TB60_63_64 80432	18.34 0.30 -1.41	16.33 0.30 -1.53	15.76 0.27 -1.22	14.97 0.22 -1.09	14.98 0.18 -0.92	17.78 0.12 -0.72	19.10 -0.13 -0.76	21.19 -0.35 -1.05	23.86 -0.23 -0.63	26.92 -0.30 -0.25	27.80 -0.48 -0.05	28.02 -0.71 -0.37	33.71 -0.03 0.00	34.71 -0.35 0.00	34.67 -0.82 0.00	36.77 -1.10 0.00	34.53 -0.91 -5.04	41.52 -1.27 -4.43	39.35 -1.23 -3.22	37.59 -0.95 -1.93	32.48 -0.85 -0.55	27.76 -0.54 -1.12	25.38 -0.29 -1.32	24.18 0.19 -0.83
LOCKPORT___CC1 323769	18.37 0.32 -1.42	16.37 0.33 -1.54	15.80 0.30 -1.23	15.01 0.25 -1.10	15.00 0.19 -0.93	17.83 0.15 -0.73	19.11 -0.13 -0.77	21.20 -0.35 -1.06	23.87 -0.23 -0.63	26.93 -0.30 -0.25	27.74 -0.54 -0.05	28.02 -0.71 -0.37	33.71 -0.03 0.00	34.78 -0.28 0.00	34.67 -0.81 0.00	36.77 -1.10 0.00	34.58 -0.91 -5.09	41.56 -1.26 -4.47	39.38 -1.23 -3.25	37.58 -0.99 -1.95	32.42 -0.92 -0.55	27.78 -0.54 -1.13	25.39 -0.29 -1.33	24.19 0.18 -0.84
LOCKPORT___CC2 323770	18.37 0.32 -1.42	16.37 0.33 -1.54	15.80 0.30 -1.23	15.01 0.25 -1.10	15.00 0.19 -0.93	17.83 0.15 -0.73	19.11 -0.13 -0.77	21.20 -0.35 -1.06	23.87 -0.23 -0.63	26.93 -0.30 -0.25	27.74 -0.54 -0.05	28.02 -0.71 -0.37	33.71 -0.03 0.00	34.78 -0.28 0.00	34.67 -0.81 0.00	36.77 -1.10 0.00	34.58 -0.91 -5.09	41.56 -1.26 -4.47	39.38 -1.23 -3.25	37.58 -0.99 -1.95	32.42 -0.92 -0.55	27.78 -0.54 -1.13	25.39 -0.29 -1.33	24.19 0.18 -0.84
LOCKPORT___CC3 323771	18.37 0.32 -1.42	16.37 0.33 -1.54	15.80 0.30 -1.23	15.01 0.25 -1.10	15.00 0.19 -0.93	17.83 0.15 -0.73	19.11 -0.13 -0.77	21.20 -0.35 -1.06	23.87 -0.23 -0.63	26.93 -0.30 -0.25	27.74 -0.54 -0.05	28.02 -0.71 -0.37	33.71 -0.03 0.00	34.78 -0.28 0.00	34.67 -0.81 0.00	36.77 -1.10 0.00	34.58 -0.91 -5.09	41.56 -1.26 -4.47	39.38 -1.23 -3.25	37.58 -0.99 -1.95	32.42 -0.92 -0.55	27.78 -0.54 -1.13	25.39 -0.29 -1.33	24.19 0.18 -0.84

LONG_LAKE_PHOENIX 24014	18.37 -0.03 -1.77	16.06 -0.04 -1.61	15.72 -0.06 -1.51	14.95 -0.04 -1.33	14.63 -0.06 -0.81	17.97 -0.05 -1.08	19.50 -0.04 -1.07	21.38 -0.14 -1.03	24.13 -0.23 -0.90	27.73 -0.24 -1.00	28.90 -0.25 -0.93	28.98 -0.31 -0.93	34.46 -0.30 -1.02	35.78 -0.35 -1.07	36.04 -0.46 -1.02	38.58 -0.45 -1.17	33.18 -0.40 -3.17	40.75 -0.46 -2.86	39.86 -0.49 -2.97	38.46 -0.48 -2.32	33.84 -0.39 -1.45	28.52 -0.35 -1.68	25.50 -0.29 -1.44	24.38 -0.14 -1.36
LOVETT___3 23632	26.13 0.55 -8.95	24.71 0.46 -9.76	22.49 0.46 -7.76	21.01 0.42 -6.93	20.19 0.44 -5.88	21.86 0.53 -4.39	23.68 0.59 -4.62	27.94 0.88 -6.56	28.65 1.15 -4.03	30.08 1.29 -1.82	30.07 1.33 -0.52	32.23 1.45 -2.43	36.03 1.75 -0.53	36.95 1.89 0.00	37.64 2.13 -0.02	40.51 2.35 -0.29	65.71 2.04 -33.27	70.37 2.53 -29.49	61.34 2.39 -21.58	51.58 2.16 -12.80	37.82 1.70 -3.33	35.93 1.47 -7.27	34.01 1.22 -8.43	29.25 0.83 -5.25
LOVETT___4 23642	26.13 0.55 -8.95	24.71 0.46 -9.76	22.49 0.46 -7.76	21.01 0.42 -6.93	20.19 0.44 -5.88	21.86 0.53 -4.39	23.68 0.59 -4.62	27.94 0.88 -6.56	28.65 1.15 -4.03	30.08 1.29 -1.82	30.07 1.33 -0.52	32.23 1.45 -2.43	36.03 1.75 -0.53	36.95 1.89 0.00	37.64 2.13 -0.02	40.51 2.35 -0.29	65.71 2.04 -33.27	70.37 2.53 -29.49	61.34 2.39 -21.58	51.58 2.16 -12.80	37.82 1.70 -3.33	35.93 1.47 -7.27	34.01 1.22 -8.43	29.25 0.83 -5.25
LOVETT___5 23593	26.13 0.55 -8.95	24.71 0.46 -9.76	22.49 0.46 -7.76	21.01 0.42 -6.93	20.19 0.44 -5.88	21.86 0.53 -4.39	23.68 0.59 -4.62	27.94 0.88 -6.56	28.65 1.15 -4.03	30.08 1.29 -1.82	30.07 1.33 -0.52	32.23 1.45 -2.43	36.03 1.75 -0.53	36.95 1.89 0.00	37.64 2.13 -0.02	40.51 2.35 -0.29	65.71 2.04 -33.27	70.37 2.53 -29.49	61.34 2.39 -21.58	51.58 2.16 -12.80	37.82 1.70 -3.33	35.93 1.47 -7.27	34.01 1.22 -8.43	29.25 0.83 -5.25
LOWER_RAQUET___HYD 24057	-6.67 -2.59 20.71	-4.52 -2.26 16.75	-5.46 -2.20 17.54	-4.22 -2.09 15.79	-1.00 -2.08 12.79	-3.81 -2.47 18.28	-3.50 -2.66 19.31	-1.00 -2.99 18.50	-1.00 -3.61 20.85	0.10 -4.15 22.72	0.10 -4.37 23.75	0.20 -4.45 23.71	3.71 -5.47 24.56	3.22 -5.58 26.26	8.02 -5.64 21.82	2.27 -6.13 29.46	0.20 -4.77 25.43	0.10 -5.87 32.38	-1.00 -5.38 32.99	-1.00 -5.20 32.42	3.37 -4.82 24.60	0.20 -4.02 22.97	5.31 -3.68 15.37	0.25 -3.57 19.35
LOWER___HUDSON 24059	28.56 0.45 -11.48	27.41 0.41 -12.52	24.61 0.39 -9.96	22.92 0.37 -8.88	21.79 0.37 -7.54	23.04 0.46 -5.64	24.84 0.44 -5.93	29.01 0.59 -7.93	28.84 0.77 -4.60	29.36 0.89 -1.50	29.29 0.93 -0.13	31.98 0.96 -2.65	34.05 1.08 0.78	36.21 1.16 0.00	36.77 1.31 0.03	38.96 1.52 0.43	67.09 1.18 -35.50	70.75 1.49 -30.91	61.01 1.50 -22.15	51.56 1.47 -13.48	38.43 1.38 -4.27	36.27 1.03 -8.05	34.88 0.85 -9.67	30.03 0.60 -6.27
LOWVILLE_115KV_TB2 356335	25.14 -0.48 -8.99	21.32 -0.41 -7.23	21.52 -0.37 -7.62	20.05 -0.37 -6.75	16.36 -0.33 -2.81	22.83 -0.36 -6.24	25.27 -0.35 -7.16	24.92 -0.47 -4.90	28.54 -0.66 -5.73	34.82 -0.76 -8.60	36.32 -0.82 -8.92	34.69 -0.88 -7.21	42.23 -1.08 -9.56	44.18 -1.02 -10.14	43.30 -1.14 -8.95	47.76 -1.33 -11.22	35.16 -0.88 -5.64	43.01 -1.00 -5.66	50.07 -0.60 -13.30	49.11 -0.48 -12.97	42.51 -0.56 -10.28	36.50 -0.52 -9.82	30.55 -0.58 -6.78	30.86 -0.53 -8.24
LUTHERFT_115KV_GLOB_FND_222 355753	29.07 0.75 -11.69	27.88 0.64 -12.75	25.04 0.63 -10.14	23.31 0.60 -9.05	22.18 0.62 -7.68	23.43 0.75 -5.74	25.30 0.79 -6.04	29.61 0.98 -8.13	29.44 1.22 -4.75	30.03 1.43 -1.63	29.83 1.41 -0.20	32.50 1.39 -2.76	34.78 1.65 0.62	36.81 1.75 0.00	37.45 1.99 0.02	39.80 2.27 0.34	69.20 1.79 -37.00	72.83 2.19 -32.29	62.86 2.28 -23.21	52.96 2.27 -14.07	39.30 2.16 -4.35	37.17 1.63 -8.35	35.60 1.27 -9.98	30.64 1.04 -6.44
LUTHERNY_35_KV_BK2 355980	29.09 0.77 -11.69	27.89 0.65 -12.75	25.04 0.63 -10.14	23.31 0.60 -9.05	22.18 0.62 -7.68	23.45 0.76 -5.74	25.30 0.79 -6.04	29.61 0.98 -8.13	29.47 1.24 -4.75	30.03 1.43 -1.63	29.86 1.44 -0.20	32.53 1.42 -2.76	34.81 1.69 0.62	36.85 1.79 0.00	37.49 2.02 0.02	39.84 2.31 0.34	69.23 1.82 -37.00	72.87 2.22 -32.29	62.90 2.32 -23.21	53.00 2.31 -14.07	39.33 2.20 -4.35	37.17 1.63 -8.35	35.63 1.29 -9.98	30.67 1.07 -6.44
LWR___OSWEGATCHIE_HYD 23850	-15.82 -1.66 30.79	-10.00 -1.43 23.06	-13.19 -1.38 26.07	-10.00 -1.34 22.32	-3.22 -1.33 15.76	-9.98 -1.54 25.39	-1.00 -1.66 17.81	-1.00 -1.91 19.59	-1.00 -2.32 22.14	-1.00 -2.72 25.25	-1.00 -2.82 26.40	-1.00 -2.92 26.44	-1.00 -3.61 31.13	-1.00 -3.61 32.45	-0.75 -3.83 32.40	-1.00 -4.13 34.74	-1.00 -3.10 28.30	-1.00 -3.80 35.55	-1.00 -3.33 35.04	-3.91 -3.11 37.42	-6.71 -2.95 36.54	-9.43 -2.47 34.14	-0.90 -2.39 22.87	-7.82 -2.22 28.76
LYONS_FALL_HYD 23570	22.27 -0.23 -5.86	19.06 -0.19 -4.75	19.09 -0.16 -4.97	17.92 -0.15 -4.41	15.62 -0.13 -1.88	20.88 -0.12 -4.05	23.02 -0.09 -4.65	23.58 -0.14 -3.23	26.96 -0.23 -3.72	32.23 -0.27 -5.52	33.65 -0.28 -5.71	32.69 -0.31 -4.65	39.46 -0.40 -6.12	41.23 -0.32 -6.49	40.79 -0.42 -5.73	44.52 -0.53 -7.18	34.12 -0.33 -4.04	42.01 -0.35 -4.00	46.12 -0.04 -8.79	45.12 0.04 -8.47	39.34 -0.07 -6.63	33.46 -0.11 -6.38	28.61 -0.20 -4.45	28.32 -0.19 -5.34
MADISON___COUNTY_LFGE 323628	18.93 0.30 -1.99	16.52 0.28 -1.75	16.25 0.29 -1.70	15.44 0.27 -1.51	14.96 0.29 -0.80	18.60 0.37 -1.28	20.17 0.44 -1.26	22.05 0.45 -1.10	25.00 0.47 -1.07	28.89 0.57 -1.35	30.15 0.59 -1.33	30.13 0.57 -1.21	35.97 0.74 -1.48	37.45 0.84 -1.55	37.74 0.78 -1.47	40.31 0.76 -1.69	33.79 0.67 -2.72	41.70 0.84 -2.50	41.49 1.01 -3.11	40.29 1.03 -2.64	35.49 0.82 -1.89	29.87 0.65 -2.02	26.46 0.51 -1.59	25.33 0.51 -1.66
MALONE___115KV_TB1 356076	-1.90 -2.74 15.79	-0.72 -2.35 12.87	-1.38 -2.28 13.37	-0.58 -2.15 12.10	0.39 -2.14 11.34	-0.30 -2.44 14.81	0.51 -2.64 15.32	1.69 -2.93 15.87	2.47 -3.33 17.67	5.42 -3.75 17.80	5.80 -3.81 18.62	4.91 -3.83 19.61	10.11 -4.59 19.05	9.99 -4.66 20.40	14.14 -4.68 16.66	9.73 -5.15 22.98	3.19 -4.07 23.14	3.24 -5.14 29.97	6.54 -4.90 25.93	6.52 -4.80 25.30	10.02 -4.00 18.77	6.25 -3.43 17.51	9.63 -3.02 11.71	5.42 -2.99 14.75
MAPLEWOD_115KV_TB3 80458	28.43 0.38 -11.41	27.27 0.33 -12.44	24.50 0.33 -9.90	22.81 0.31 -8.83	21.70 0.33 -7.50	22.94 0.39 -5.60	24.77 0.41 -5.90	28.98 0.55 -7.94	28.86 0.75 -4.64	29.43 0.86 -1.59	29.38 0.96 -0.19	31.96 0.91 -2.69	34.15 1.01 0.60	36.14 1.09 0.00	36.74 1.28 0.02	38.97 1.44 0.33	67.66 1.12 -36.13	71.26 1.38 -31.53	61.41 1.38 -22.66	51.68 1.32 -13.74	38.28 1.25 -4.25	36.29 0.95 -8.15	34.88 0.78 -9.75	30.00 0.56 -6.29
MAPLE RIDGE_WT_1 323574	10.32 -1.25 5.06	9.41 -1.07 4.01	8.95 -1.03 4.29	8.91 -0.96 3.80	11.45 -0.92 1.51	12.30 -1.08 3.56	13.20 -1.18 4.09	16.45 -1.33 2.71	18.65 -1.55 3.27	20.17 -1.78 5.02	21.18 -1.81 5.24	22.39 -1.79 4.18	25.99 -2.12 5.63	26.91 -2.17 5.97	28.02 -2.20 5.27	28.88 -2.38 6.61	26.01 -1.91 2.48	33.35 -2.41 2.59	27.72 -2.35 7.29	26.96 -2.34 7.31	24.78 -2.03 5.96	19.85 -1.74 5.60	19.05 -1.53 3.77	16.97 -1.48 4.71

MAPLE_RIDGE_WT_2 323611	10.32 -1.25 5.06	9.41 -1.07 4.01	8.95 -1.03 4.29	8.91 -0.96 3.80	11.45 -0.92 1.51	12.30 -1.08 3.56	13.20 -1.18 4.09	16.45 -1.33 2.71	18.65 -1.55 3.27	20.17 -1.78 5.02	21.18 -1.81 5.24	22.39 -1.79 4.18	25.99 -2.12 5.63	26.91 -2.17 5.97	28.02 -2.20 5.27	28.88 -2.38 6.61	26.01 -1.91 2.48	33.35 -2.41 2.59	27.72 -2.35 7.29	26.96 -2.34 7.31	24.78 -2.03 5.96	19.85 -1.74 5.60	19.05 -1.53 3.77	16.97 -1.48 4.71
MARBLE_RIVER_WT_PWR 323696	0.33 -2.88 13.43	1.04 -2.45 11.01	0.53 -2.37 11.37	1.12 -2.21 10.33	1.08 -2.15 10.65	1.33 -2.47 13.14	2.38 -2.68 13.41	2.91 -2.97 14.61	3.97 -3.36 16.14	7.77 -3.75 15.45	8.32 -3.75 16.16	6.96 -3.74 17.66	12.85 -4.49 16.40	12.90 -4.56 17.60	16.76 -4.54 14.18	12.99 -5.00 19.88	4.40 -3.95 22.05	4.52 -5.02 28.81	9.96 -4.86 22.55	9.96 -4.76 21.90	12.87 -3.93 15.97	8.92 -3.37 14.90	11.45 -2.95 9.96	7.71 -2.90 12.55
MARSHVLE_115KV_TB1 80742	31.79 1.16 -13.99	30.78 1.04 -15.25	27.43 1.03 -12.13	25.47 0.98 -10.82	24.08 1.03 -9.18	25.08 1.27 -6.87	27.08 1.39 -7.22	31.97 1.62 -9.85	31.13 1.83 -5.83	31.00 1.86 -2.16	30.55 1.95 -0.37	33.65 1.87 -3.42	35.77 2.40 0.37	37.58 2.52 0.00	38.17 2.70 0.01	40.62 2.95 0.20	78.93 2.40 -46.12	81.91 3.14 -40.42	69.97 3.40 -29.20	57.59 3.37 -17.60	41.17 3.18 -5.21	40.04 2.53 -10.32	38.57 1.97 -12.24	32.72 1.74 -7.83
MARSH_HILL_WT_PWR 323713	19.03 0.48 -1.92	17.02 0.43 -2.09	16.36 0.43 -1.66	15.60 0.45 -1.48	15.56 0.43 -1.26	18.40 0.49 -0.96	19.96 0.48 -1.01	22.38 0.49 -1.40	24.94 0.63 -0.84	28.06 0.75 -0.33	29.00 0.71 -0.07	29.45 0.60 -0.49	35.30 1.55 0.00	36.53 1.47 0.00	36.62 1.14 0.00	39.00 1.13 0.00	37.65 0.55 -6.70	44.90 0.65 -5.90	42.28 0.63 -4.28	39.95 0.77 -2.56	34.20 0.69 -0.73	29.47 0.79 -1.49	26.79 0.68 -1.75	25.10 0.83 -1.11
MCINTYRE_115KV_TB2 80467	-4.78 -2.41 19.00	-3.00 -2.09 15.41	-3.85 -2.03 16.09	-2.78 -1.93 14.51	-0.32 -1.90 12.29	-2.38 -2.25 17.07	-1.91 -2.46 17.93	0.12 -2.79 17.59	0.39 -3.33 19.75	2.13 -3.83 21.02	2.27 -3.98 21.97	2.07 -4.00 22.29	6.20 -4.89 22.65	5.88 -4.94 24.23	10.49 -4.97 20.03	5.16 -5.49 27.22	1.48 -4.29 24.64	1.47 -5.33 31.55	1.97 -4.86 30.54	1.98 -4.69 29.95	6.04 -4.16 22.58	2.61 -3.51 21.08	7.06 -3.19 14.10	2.28 -3.13 17.75
MECO____69_KV_BK1 80468	31.50 1.58 -13.28	30.36 1.39 -14.48	27.14 1.36 -11.52	25.24 1.30 -10.28	23.97 1.37 -8.72	25.14 1.68 -6.52	27.54 2.22 -6.86	32.41 2.58 -9.34	31.87 2.89 -5.52	32.01 3.02 -2.02	31.72 3.16 -0.33	34.59 3.01 -3.23	37.15 3.81 0.40	39.02 3.96 0.00	39.80 4.33 0.02	42.61 4.96 0.22	78.05 4.13 -43.51	81.75 5.29 -38.11	70.52 5.64 -27.51	58.74 5.53 -16.60	43.03 5.31 -4.94	40.94 4.00 -9.75	39.03 3.09 -11.58	33.40 2.83 -7.41
MENANDS__115KV_TB5 355628	28.31 0.28 -11.39	27.16 0.25 -12.42	24.38 0.23 -9.88	22.70 0.22 -8.82	21.59 0.24 -7.48	22.81 0.27 -5.59	24.63 0.28 -5.88	28.82 0.41 -7.92	28.69 0.59 -4.63	29.26 0.70 -1.59	29.18 0.76 -0.19	31.78 0.74 -2.69	33.92 0.78 0.60	35.86 0.81 0.00	36.46 0.99 0.02	38.67 1.14 0.33	67.34 0.88 -36.05	70.89 1.07 -31.46	61.03 1.05 -22.62	51.32 0.99 -13.71	37.97 0.95 -4.24	36.03 0.71 -8.14	34.67 0.58 -9.73	29.83 0.39 -6.27
MG INDUSTRY__DRP 24185	28.17 0.40 -11.14	26.99 0.36 -12.14	24.29 0.36 -9.66	22.62 0.34 -8.62	21.55 0.36 -7.31	22.82 0.41 -5.47	24.64 0.42 -5.75	28.87 0.55 -7.82	28.79 0.70 -4.62	29.49 0.84 -1.69	29.37 0.87 -0.27	31.85 0.79 -2.70	34.10 0.71 0.35	35.79 0.74 0.00	36.32 0.85 0.01	38.66 0.98 0.19	67.52 0.70 -36.42	71.04 0.81 -31.88	61.24 0.86 -23.01	51.38 0.88 -13.88	37.81 0.89 -4.14	36.00 0.65 -8.16	34.76 0.71 -9.69	29.90 0.53 -6.21
MID__OSWEGATCHIE_HYD 23849	-15.82 -1.66 30.79	-10.00 -1.43 23.06	-13.19 -1.38 26.07	-10.00 -1.34 22.32	-3.22 -1.33 15.76	-9.98 -1.54 25.39	-1.00 -1.66 17.81	-1.00 -1.91 19.59	-1.00 -2.32 22.14	-1.00 -2.72 25.25	-1.00 -2.82 26.40	-1.00 -2.92 26.44	-1.00 -3.61 31.13	-1.00 -3.61 32.45	-0.75 -3.83 32.40	-1.00 -4.13 34.74	-1.00 -3.10 28.30	-1.00 -3.80 35.55	-1.00 -3.33 35.04	-3.91 -3.11 37.42	-6.71 -2.95 36.54	-9.43 -2.47 34.14	-0.90 -2.39 22.87	-7.82 -2.22 28.76
MID__RAQUETTE_HYD 23851	-6.67 -2.59 20.71	-4.51 -2.25 16.75	-5.46 -2.20 17.54	-4.22 -2.09 15.79	-1.00 -2.08 12.79	-3.79 -2.46 18.28	-3.50 -2.66 19.31	-1.00 -2.99 18.50	-1.00 -3.61 20.85	0.10 -4.15 22.72	0.10 -4.37 23.75	0.20 -4.45 23.71	3.71 -5.47 24.56	3.23 -5.57 26.26	8.02 -5.64 21.82	2.27 -6.13 29.46	0.20 -4.77 25.43	0.10 -5.87 32.38	-1.00 -5.38 32.99	-1.00 -5.20 32.42	3.37 -4.82 24.60	0.20 -4.02 22.97	5.31 -3.68 15.37	0.25 -3.57 19.35
MILLIKEN__1 23584	18.98 0.48 -1.87	16.95 0.42 -2.03	16.29 0.40 -1.62	15.50 0.40 -1.44	15.49 0.39 -1.23	18.37 0.51 -0.92	20.03 0.59 -0.97	22.45 0.61 -1.34	24.93 0.66 -0.80	28.02 0.73 -0.32	29.06 0.76 -0.07	29.57 0.74 -0.47	34.82 1.08 0.00	36.14 1.09 0.00	36.44 0.96 0.00	38.93 1.06 0.00	37.63 0.79 -6.44	45.08 1.07 -5.66	42.60 1.12 -4.11	40.18 1.10 -2.46	34.46 0.98 -0.70	29.41 0.79 -1.43	26.67 0.63 -1.68	24.88 0.65 -1.07
MILLIKEN__2 23585	18.98 0.48 -1.87	16.95 0.42 -2.03	16.29 0.40 -1.62	15.50 0.40 -1.44	15.49 0.39 -1.23	18.37 0.51 -0.92	20.03 0.59 -0.97	22.45 0.61 -1.34	24.93 0.66 -0.80	28.02 0.73 -0.32	29.06 0.76 -0.07	29.57 0.74 -0.47	34.82 1.08 0.00	36.14 1.09 0.00	36.44 0.96 0.00	38.93 1.06 0.00	37.63 0.79 -6.44	45.08 1.07 -5.66	42.60 1.12 -4.11	40.18 1.10 -2.46	34.46 0.98 -0.70	29.41 0.79 -1.43	26.67 0.63 -1.68	24.88 0.65 -1.07
MILLIKEN__DIESEL 23629	18.98 0.48 -1.87	16.95 0.42 -2.03	16.29 0.40 -1.62	15.50 0.40 -1.44	15.49 0.39 -1.23	18.37 0.51 -0.92	20.03 0.59 -0.97	22.45 0.61 -1.34	24.93 0.66 -0.80	28.02 0.73 -0.32	29.06 0.76 -0.07	29.57 0.74 -0.47	34.82 1.08 0.00	36.14 1.09 0.00	36.44 0.96 0.00	38.93 1.06 0.00	37.63 0.79 -6.44	45.08 1.07 -5.66	42.60 1.12 -4.11	40.18 1.10 -2.46	34.46 0.98 -0.70	29.41 0.79 -1.43	26.67 0.63 -1.68	24.88 0.65 -1.07
MILLSEAT__LFGE 323607	18.56 0.57 -1.36	16.50 0.52 -1.49	15.96 0.51 -1.18	15.16 0.44 -1.06	15.17 0.40 -0.90	18.08 0.44 -0.69	19.42 0.22 -0.73	21.61 0.10 -1.01	24.31 0.23 -0.61	27.45 0.24 -0.24	28.33 0.06 -0.05	28.63 -0.08 -0.36	34.32 0.57 0.00	35.44 0.39 0.00	35.35 -0.14 0.00	37.53 -0.34 0.00	34.92 -0.33 -4.85	42.12 -0.50 -4.27	40.02 -0.45 -3.10	38.22 -0.25 -1.86	33.21 -0.10 -0.53	28.29 0.03 -1.08	25.80 0.17 -1.27	24.54 0.58 -0.80
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	26.45 0.62 -9.20	25.08 0.55 -10.03	22.77 0.51 -7.98	21.28 0.49 -7.12	20.40 0.49 -6.04	22.06 0.59 -4.52	23.90 0.68 -4.75	28.23 0.98 -6.75	28.91 1.29 -4.15	30.34 1.48 -1.88	30.29 1.52 -0.54	32.53 1.67 -2.50	36.30 1.99 -0.56	37.20 2.14 0.00	37.89 2.38 -0.02	40.75 2.57 -0.31	66.98 2.25 -34.33	71.62 2.84 -30.43	62.30 2.65 -22.28	52.25 2.42 -13.21	38.14 1.93 -3.43	36.32 1.63 -7.50	34.43 1.39 -8.69	29.54 0.97 -5.41

MILLWOOD_13_KV_LOAD 356217	26.49 0.65 -9.20	25.11 0.58 -10.03	22.81 0.56 -7.98	21.30 0.52 -7.12	20.43 0.51 -6.04	22.09 0.63 -4.52	23.92 0.70 -4.75	28.29 1.05 -6.75	28.96 1.34 -4.15	30.42 1.56 -1.88	30.41 1.64 -0.54	32.62 1.76 -2.50	36.50 2.19 -0.56	37.44 2.38 0.00	38.13 2.63 -0.02	41.02 2.84 -0.31	67.19 2.46 -34.33	71.88 3.11 -30.43	62.56 2.91 -22.28	52.50 2.67 -13.21	38.27 2.07 -3.43	36.46 1.77 -7.50	34.48 1.44 -8.69	29.61 1.04 -5.41
MODEL_CITY_ENERGY 24167	18.20 0.13 -1.43	16.23 0.17 -1.56	15.65 0.14 -1.24	14.87 0.10 -1.11	14.86 0.04 -0.94	17.68 0.00 -0.74	18.89 -0.35 -0.78	20.97 -0.59 -1.07	23.59 -0.52 -0.64	26.61 -0.62 -0.26	27.40 -0.88 -0.05	27.66 -1.08 -0.38	33.24 -0.51 0.00	34.29 -0.77 0.00	34.21 -1.28 0.00	36.28 -1.59 0.00	34.26 -1.31 -5.16	41.12 -1.76 -4.54	38.98 -1.68 -3.29	37.16 -1.43 -1.97	32.00 -1.35 -0.56	27.44 -0.90 -1.15	25.12 -0.58 -1.35	23.95 -0.07 -0.85
MODERN_LFGE_ 323580	18.20 0.13 -1.43	16.23 0.17 -1.56	15.65 0.14 -1.24	14.87 0.10 -1.11	14.86 0.04 -0.94	17.68 0.00 -0.74	18.89 -0.35 -0.78	20.97 -0.59 -1.07	23.59 -0.52 -0.64	26.61 -0.62 -0.26	27.40 -0.88 -0.05	27.66 -1.08 -0.38	33.24 -0.51 0.00	34.29 -0.77 0.00	34.21 -1.28 0.00	36.28 -1.59 0.00	34.26 -1.31 -5.16	41.12 -1.76 -4.54	38.98 -1.68 -3.29	37.16 -1.43 -1.97	32.00 -1.35 -0.56	27.44 -0.90 -1.15	25.12 -0.58 -1.35	23.95 -0.07 -0.85
MOHAWK_PAPER__DRP 24187	28.43 0.38 -11.41	27.27 0.33 -12.44	24.50 0.33 -9.90	22.81 0.31 -8.83	21.70 0.33 -7.50	22.94 0.39 -5.60	24.77 0.41 -5.90	28.98 0.55 -7.94	28.86 0.75 -4.64	29.43 0.86 -1.59	29.38 0.96 -0.19	31.96 0.91 -2.69	34.15 1.01 0.60	36.14 1.09 0.00	36.74 1.28 0.02	38.97 1.44 0.33	67.66 1.12 -36.13	71.26 1.38 -31.53	61.41 1.38 -22.66	51.68 1.32 -13.74	38.28 1.25 -4.25	36.29 0.95 -8.15	34.88 0.78 -9.75	30.00 0.56 -6.29
MOHICAN__35_KV_115KV_LD 80490	29.15 0.82 -11.70	27.93 0.68 -12.76	25.08 0.66 -10.15	23.35 0.63 -9.06	22.22 0.67 -7.68	23.49 0.80 -5.75	25.38 0.87 -6.04	29.72 1.09 -8.14	29.59 1.36 -4.76	30.20 1.59 -1.64	29.86 1.44 -0.20	32.48 1.36 -2.76	34.79 1.65 0.61	36.85 1.79 0.00	37.56 2.09 0.02	39.96 2.42 0.34	69.41 1.92 -37.09	73.02 2.30 -32.37	63.15 2.50 -23.27	53.36 2.64 -14.11	39.76 2.62 -4.35	37.41 1.85 -8.37	35.72 1.36 -10.00	30.75 1.13 -6.45
MONGAUP__HYD 23641	25.63 0.53 -8.46	24.15 0.43 -9.22	22.04 0.43 -7.34	20.61 0.40 -6.55	19.87 0.44 -5.56	21.61 0.51 -4.15	23.45 0.61 -4.37	27.55 0.86 -6.19	28.27 1.01 -3.80	29.78 1.11 -1.70	29.80 1.10 -0.48	31.83 1.19 -2.28	35.66 1.45 -0.47	36.46 1.40 0.00	37.10 1.60 -0.02	39.71 1.59 -0.26	62.95 1.25 -31.30	67.76 1.69 -27.73	59.34 1.68 -20.29	50.23 1.57 -12.04	37.67 1.74 -3.15	35.62 1.58 -6.85	33.64 1.34 -7.95	29.11 1.00 -4.96
MONTAUK__DIESEL 23721	32.49 2.45 -13.41	27.38 2.13 -10.75	25.37 2.08 -9.02	22.77 1.94 -7.17	21.92 1.97 -6.08	26.64 2.41 -7.29	28.35 2.66 -7.22	30.45 3.16 -6.80	31.61 3.94 -4.20	34.39 4.85 -2.57	37.87 5.00 -4.65	42.64 5.27 -9.01	54.56 6.38 -14.44	126.86 6.63 -85.17	133.63 6.99 -91.15	140.60 7.46 -95.27	276.12 5.96 -239.75	371.42 7.36 -325.70	321.15 6.99 -276.79	140.22 6.70 -96.90	135.13 5.90 -96.45	79.19 4.92 -47.08	52.23 4.31 -23.57	37.09 3.66 -10.27
MOONROAD_115KV_HARTFLD_TB1-2 355988	19.02 0.75 -1.64	16.99 0.71 -1.79	16.35 0.66 -1.42	15.59 0.66 -1.27	15.60 0.65 -1.08	18.46 0.68 -0.84	19.94 0.59 -0.88	22.31 0.59 -1.22	25.00 0.80 -0.73	28.29 1.02 -0.29	29.27 0.99 -0.06	29.64 0.85 -0.43	36.11 2.36 0.00	37.20 2.14 0.00	37.19 1.70 0.00	39.38 1.51 0.00	36.97 0.70 -5.86	44.12 0.61 -5.16	41.67 0.56 -3.74	39.74 0.88 -2.24	34.14 0.72 -0.64	29.33 0.84 -1.30	26.74 0.85 -1.53	25.20 1.07 -0.97
MORTIMER_115KV_TB3 55949	18.28 0.48 -1.16	16.18 0.42 -1.27	15.68 0.40 -1.01	14.92 0.36 -0.90	14.97 0.33 -0.76	17.85 0.34 -0.57	19.36 0.30 -0.60	21.56 0.25 -0.83	24.27 0.31 -0.49	27.55 0.38 -0.20	28.61 0.34 -0.04	28.93 0.28 -0.29	34.22 0.47 0.00	35.41 0.35 0.00	35.52 0.04 0.00	37.79 -0.08 0.00	34.40 0.03 -3.97	41.88 0.04 -3.49	39.90 0.00 -2.53	38.17 0.04 -1.52	33.41 0.20 -0.43	28.23 0.16 -0.88	25.61 0.22 -1.04	24.28 0.46 -0.66
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	26.66 0.77 -9.26	25.24 0.65 -10.09	22.91 0.61 -8.03	21.39 0.56 -7.17	20.52 0.57 -6.08	22.19 0.69 -4.55	24.06 0.81 -4.78	28.48 1.19 -6.80	29.17 1.53 -4.18	30.67 1.81 -1.89	30.61 1.83 -0.55	32.83 1.96 -2.52	36.61 2.29 -0.57	37.51 2.45 0.00	38.24 2.73 -0.02	41.10 2.92 -0.31	67.50 2.55 -34.54	72.19 3.22 -30.62	62.78 2.99 -22.42	52.66 2.75 -13.29	38.39 2.16 -3.45	36.61 1.88 -7.55	34.73 1.63 -8.74	29.78 1.18 -5.44
MUNSVILLE_WIND_PWR 323609	20.65 1.23 -2.79	18.66 1.13 -3.04	17.84 1.16 -2.42	16.91 1.09 -2.16	16.86 1.15 -1.83	19.78 1.46 -1.37	21.56 1.64 -1.45	24.27 1.78 -2.00	26.57 1.90 -1.20	29.61 2.16 -0.47	30.50 2.17 -0.10	31.22 2.15 -0.71	36.58 2.83 0.00	38.07 3.02 0.00	38.29 2.80 0.00	40.67 2.80 0.00	42.31 2.31 -9.60	49.82 3.03 -8.44	46.93 3.44 -6.13	43.77 3.48 -3.67	36.78 2.95 -1.04	31.71 2.39 -2.13	28.84 1.97 -2.51	26.63 1.88 -1.59
N SALMON__HYD 24042	-1.90 -2.74 15.79	-0.74 -2.36 12.87	-1.38 -2.28 13.37	-0.58 -2.14 12.10	0.39 -2.14 11.34	-0.30 -2.44 14.81	0.51 -2.64 15.32	1.69 -2.93 15.87	2.47 -3.33 17.67	5.42 -3.75 17.80	5.80 -3.81 18.62	4.91 -3.83 19.61	10.11 -4.59 19.05	9.99 -4.66 20.40	14.14 -4.68 16.66	9.73 -5.15 22.98	3.19 -4.07 23.14	3.24 -5.14 29.97	6.55 -4.89 25.93	6.52 -4.80 25.30	10.01 -4.00 18.77	6.25 -3.43 17.51	9.63 -3.02 11.71	5.42 -2.99 14.75
N.AKRON__115KV_KNAPP 355671	18.56 0.55 -1.37	16.50 0.51 -1.50	15.93 0.47 -1.19	15.15 0.42 -1.06	15.16 0.39 -0.90	18.05 0.41 -0.70	19.45 0.24 -0.74	21.61 0.10 -1.02	24.34 0.26 -0.61	27.48 0.27 -0.24	28.39 0.11 -0.05	28.63 -0.09 -0.36	34.35 0.61 0.00	35.41 0.35 0.00	35.38 -0.11 0.00	37.53 -0.34 0.00	34.96 -0.33 -4.89	42.16 -0.50 -4.31	40.01 -0.49 -3.12	38.23 -0.26 -1.87	33.21 -0.10 -0.53	28.30 0.03 -1.09	25.83 0.19 -1.28	24.55 0.58 -0.81
N.BELMOR_69_KV_BK1 55787	31.19 1.15 -13.41	26.25 1.00 -10.75	24.24 0.96 -9.02	21.73 0.90 -7.17	20.87 0.92 -6.08	25.33 1.10 -7.29	26.91 1.22 -7.22	28.87 1.58 -6.80	29.68 2.02 -4.20	31.83 2.29 -2.57	34.80 2.29 -4.29	35.83 2.47 -5.01	37.25 2.94 -0.57	39.08 3.12 -0.90	63.39 3.23 -24.67	59.55 3.48 -18.20	67.78 2.83 -34.55	72.47 3.49 -30.63	63.05 3.25 -22.43	52.99 3.08 -13.30	39.11 2.75 -3.58	37.19 2.45 -7.55	36.47 2.17 -9.94	35.04 1.69 -10.19
N.E._GEN_SANDY PD 24062	27.35 0.33 -10.38	26.12 0.30 -11.32	23.59 0.31 -9.01	22.00 0.30 -8.04	20.98 0.29 -6.82	22.40 0.36 -5.10	24.20 0.37 -5.36	27.00 0.53 -5.98	26.97 0.73 -2.78	27.18 0.86 0.66	27.93 0.90 1.20	30.60 0.96 -1.28	30.57 1.08 4.26	36.21 1.16 0.00	36.67 1.35 0.16	37.00 1.48 2.34	46.20 1.25 -14.55	51.00 1.61 -11.04	45.40 1.53 -6.50	43.00 1.39 -4.99	37.86 1.21 -3.86	32.32 0.98 -4.16	31.10 0.80 -5.94	28.20 0.51 -4.53

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	26.15 0.58 -8.93	24.72 0.49 -9.74	22.49 0.47 -7.75	21.03 0.45 -6.91	20.20 0.46 -5.87	21.89 0.56 -4.39	23.71 0.63 -4.61	27.96 0.92 -6.55	28.69 1.20 -4.02	30.13 1.35 -1.81	30.13 1.38 -0.52	32.31 1.53 -2.42	36.13 1.86 -0.53	37.09 2.03 0.00	37.78 2.27 -0.02	40.66 2.50 -0.29	65.77 2.16 -33.20	70.50 2.72 -29.43	61.45 2.54 -21.54	51.70 2.31 -12.78	37.94 1.84 -3.32	36.00 1.55 -7.26	34.09 1.32 -8.41	29.31 0.90 -5.24
N. QUEENS_27_KV_LOAD 356247	26.80 0.90 -9.27	25.35 0.75 -10.10	23.01 0.70 -8.04	21.48 0.64 -7.17	20.61 0.65 -6.09	22.30 0.81 -4.55	24.14 0.89 -4.78	28.50 1.21 -6.80	29.10 1.46 -4.18	30.83 1.97 -1.89	30.75 1.98 -0.55	32.97 2.10 -2.52	36.61 2.29 -0.57	37.72 2.66 0.00	38.53 3.02 -0.02	41.33 3.14 -0.32	67.72 2.77 -34.55	72.47 3.49 -30.63	63.01 3.21 -22.43	52.92 3.00 -13.30	38.46 2.23 -3.45	36.87 2.12 -7.55	34.91 1.80 -8.75	29.95 1.34 -5.45
N. TROY___115KV_TB1 355778	28.55 0.43 -11.48	27.37 0.36 -12.52	24.60 0.37 -9.96	22.90 0.36 -8.88	21.77 0.36 -7.54	23.01 0.42 -5.64	24.84 0.44 -5.93	29.01 0.59 -7.93	28.85 0.77 -4.60	29.37 0.89 -1.50	29.31 0.96 -0.13	31.97 0.96 -2.65	34.05 1.08 0.78	36.21 1.16 0.00	36.77 1.31 0.03	38.95 1.51 0.43	67.09 1.19 -35.50	70.75 1.50 -30.91	61.01 1.49 -22.15	51.56 1.46 -13.48	38.43 1.38 -4.27	36.27 1.03 -8.05	34.88 0.85 -9.67	30.03 0.60 -6.27
NARROWS_GT1_1 24228	26.82 0.91 -9.27	25.33 0.74 -10.10	22.97 0.67 -8.03	21.43 0.60 -7.17	20.58 0.62 -6.08	22.22 0.73 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.85 2.53 -0.57	37.72 2.66 0.00	38.45 2.94 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.56 2.33 -3.45	36.88 2.15 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
NARROWS_GT1_2 24229	26.82 0.91 -9.27	25.33 0.74 -10.10	22.97 0.67 -8.03	21.43 0.60 -7.17	20.58 0.62 -6.08	22.22 0.73 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.85 2.53 -0.57	37.72 2.66 0.00	38.45 2.94 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.56 2.33 -3.45	36.88 2.15 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
NARROWS_GT1_3 24230	26.82 0.91 -9.27	25.33 0.74 -10.10	22.97 0.67 -8.03	21.43 0.60 -7.17	20.58 0.62 -6.08	22.22 0.73 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.85 2.53 -0.57	37.72 2.66 0.00	38.45 2.94 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.56 2.33 -3.45	36.88 2.15 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
NARROWS_GT1_4 24231	26.82 0.91 -9.27	25.33 0.74 -10.10	22.97 0.67 -8.03	21.43 0.60 -7.17	20.58 0.62 -6.08	22.22 0.73 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.85 2.53 -0.57	37.72 2.66 0.00	38.45 2.94 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.56 2.33 -3.45	36.88 2.15 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
NARROWS_GT1_5 24232	26.82 0.91 -9.27	25.33 0.74 -10.10	22.97 0.67 -8.03	21.43 0.60 -7.17	20.58 0.62 -6.08	22.22 0.73 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.85 2.53 -0.57	37.72 2.66 0.00	38.45 2.94 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.56 2.33 -3.45	36.88 2.15 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
NARROWS_GT1_6 24233	26.82 0.91 -9.27	25.33 0.74 -10.10	22.97 0.67 -8.03	21.43 0.60 -7.17	20.58 0.62 -6.08	22.22 0.73 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.85 2.53 -0.57	37.72 2.66 0.00	38.45 2.94 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.56 2.33 -3.45	36.88 2.15 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
NARROWS_GT1_7 24234	26.82 0.91 -9.27	25.33 0.74 -10.10	22.97 0.67 -8.03	21.43 0.60 -7.17	20.58 0.62 -6.08	22.22 0.73 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.85 2.53 -0.57	37.72 2.66 0.00	38.45 2.94 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.56 2.33 -3.45	36.88 2.15 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
NARROWS_GT1_8 24235	26.82 0.91 -9.27	25.33 0.74 -10.10	22.97 0.67 -8.03	21.43 0.60 -7.17	20.58 0.62 -6.08	22.22 0.73 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.85 2.53 -0.57	37.72 2.66 0.00	38.45 2.94 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.56 2.33 -3.45	36.88 2.15 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
NARROWS_GT2_1 24236	26.82 0.91 -9.27	25.33 0.74 -10.10	22.97 0.67 -8.03	21.43 0.60 -7.17	20.58 0.62 -6.08	22.22 0.73 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.85 2.53 -0.57	37.72 2.66 0.00	38.45 2.94 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.56 2.33 -3.45	36.88 2.15 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
NARROWS_GT2_2 24237	26.82 0.91 -9.27	25.33 0.74 -10.10	22.97 0.67 -8.03	21.43 0.60 -7.17	20.58 0.62 -6.08	22.22 0.73 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.85 2.53 -0.57	37.72 2.66 0.00	38.45 2.94 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.56 2.33 -3.45	36.88 2.15 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
NARROWS_GT2_3 24238	26.82 0.91 -9.27	25.33 0.74 -10.10	22.97 0.67 -8.03	21.43 0.60 -7.17	20.58 0.62 -6.08	22.22 0.73 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.85 2.53 -0.57	37.72 2.66 0.00	38.45 2.94 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.56 2.33 -3.45	36.88 2.15 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
NARROWS_GT2_4 24239	26.82 0.91 -9.27	25.33 0.74 -10.10	22.97 0.67 -8.03	21.43 0.60 -7.17	20.58 0.62 -6.08	22.22 0.73 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.85 2.53 -0.57	37.72 2.66 0.00	38.45 2.94 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.56 2.33 -3.45	36.88 2.15 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44

NARROWS_GT2_5 24240	26.82 0.91 -9.27	25.33 0.74 -10.10	22.97 0.67 -8.03	21.43 0.60 -7.17	20.58 0.62 -6.08	22.22 0.73 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.85 2.53 -0.57	37.72 2.66 0.00	38.45 2.94 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.56 2.33 -3.45	36.88 2.15 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
NARROWS_GT2_6 24241	26.82 0.91 -9.27	25.33 0.74 -10.10	22.97 0.67 -8.03	21.43 0.60 -7.17	20.58 0.62 -6.08	22.22 0.73 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.85 2.53 -0.57	37.72 2.66 0.00	38.45 2.94 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.56 2.33 -3.45	36.88 2.15 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
NARROWS_GT2_7 24242	26.82 0.91 -9.27	25.33 0.74 -10.10	22.97 0.67 -8.03	21.43 0.60 -7.17	20.58 0.62 -6.08	22.22 0.73 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.85 2.53 -0.57	37.72 2.66 0.00	38.45 2.94 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.56 2.33 -3.45	36.88 2.15 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
NARROWS_GT2_8 24243	26.82 0.91 -9.27	25.33 0.74 -10.10	22.97 0.67 -8.03	21.43 0.60 -7.17	20.58 0.62 -6.08	22.22 0.73 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.85 2.53 -0.57	37.72 2.66 0.00	38.45 2.94 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.56 2.33 -3.45	36.88 2.15 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	27.93 0.57 -10.73	26.65 0.46 -11.70	24.02 0.44 -9.31	22.39 0.42 -8.30	21.36 0.44 -7.05	22.76 0.54 -5.27	24.58 0.57 -5.54	28.82 0.76 -7.57	28.81 0.84 -4.50	29.87 1.21 -1.68	29.77 1.24 -0.30	31.82 0.82 -2.64	34.55 1.05 0.24	36.00 0.95 0.00	36.79 1.31 0.01	39.40 1.67 0.13	67.35 1.34 -35.61	71.27 1.73 -31.19	61.79 1.87 -22.55	52.10 1.90 -13.58	38.25 1.48 -3.99	36.26 1.11 -7.95	34.75 0.97 -9.42	29.92 0.74 -6.02
NCHELSEA_115KV_TR2 355582	26.61 0.70 -9.28	25.21 0.61 -10.11	22.90 0.58 -8.05	21.40 0.56 -7.18	20.52 0.55 -6.09	22.18 0.68 -4.55	24.00 0.74 -4.79	28.30 1.05 -6.76	28.89 1.29 -4.13	30.30 1.51 -1.82	30.28 1.55 -0.50	32.51 1.67 -2.48	36.27 2.09 -0.44	37.37 2.31 0.00	38.06 2.56 -0.02	40.91 2.80 -0.24	66.76 2.43 -33.93	71.49 3.11 -30.04	62.27 2.95 -21.95	52.41 2.75 -13.05	38.40 2.16 -3.45	36.43 1.79 -7.44	34.52 1.51 -8.65	29.70 1.13 -5.41
NEG CAPITAL___MECHNVIL 23645	29.09 0.83 -11.63	27.88 0.71 -12.67	25.04 0.68 -10.09	23.32 0.66 -9.00	22.17 0.67 -7.63	23.48 0.83 -5.71	25.25 0.78 -6.00	29.52 0.96 -8.06	29.39 1.22 -4.70	29.99 1.43 -1.59	29.86 1.47 -0.17	32.50 1.42 -2.72	34.79 1.72 0.68	36.88 1.82 0.00	37.52 2.06 0.03	39.84 2.35 0.37	68.76 1.85 -36.50	72.47 2.30 -31.82	62.58 2.36 -22.85	52.80 2.31 -13.87	39.30 2.20 -4.33	37.07 1.63 -8.25	35.52 1.29 -9.88	30.59 1.04 -6.38
NEG CENTRAL_HIGH_ACRES 23767	17.92 0.15 -1.13	15.84 0.12 -1.23	15.36 0.11 -0.98	14.64 0.10 -0.88	14.69 0.07 -0.74	17.56 0.07 -0.55	19.11 0.06 -0.58	21.30 0.00 -0.80	23.97 0.02 -0.48	27.22 0.05 -0.19	28.32 0.06 -0.04	28.64 0.00 -0.28	33.88 0.14 0.00	35.09 0.04 0.00	35.20 -0.29 0.00	37.53 -0.34 0.00	34.02 -0.24 -3.86	41.44 -0.31 -3.40	39.50 -0.34 -2.46	37.73 -0.37 -1.48	33.04 -0.16 -0.42	27.88 -0.16 -0.86	25.22 -0.15 -1.01	23.85 0.05 -0.64
NEG CENTRAL___DRP 24199	18.20 0.33 -1.23	16.11 0.28 -1.35	15.60 0.26 -1.07	14.88 0.26 -0.96	14.93 0.25 -0.81	17.87 0.32 -0.61	19.51 0.41 -0.64	21.77 0.39 -0.88	24.44 0.45 -0.53	27.72 0.54 -0.21	28.83 0.56 -0.05	29.21 0.54 -0.31	34.55 0.81 0.00	35.86 0.81 0.00	36.09 0.60 0.00	38.51 0.64 0.00	35.04 0.40 -4.24	42.66 0.58 -3.73	40.60 0.52 -2.71	38.75 0.51 -1.62	33.70 0.46 -0.46	28.59 0.46 -0.94	25.81 0.34 -1.11	24.30 0.44 -0.70
NEG CENTRAL___INDECK 23768	19.16 0.91 -1.62	17.05 0.80 -1.76	16.45 0.78 -1.40	15.66 0.75 -1.25	15.66 0.72 -1.06	18.61 0.86 -0.80	20.22 0.90 -0.85	22.48 0.82 -1.17	24.94 0.77 -0.70	28.03 0.78 -0.28	28.85 0.56 -0.06	29.17 0.40 -0.41	33.68 -0.07 0.00	34.88 -0.17 0.00	35.10 -0.39 0.00	37.45 -0.42 0.00	35.65 -0.36 -5.61	42.98 -0.31 -4.94	40.95 0.00 -3.58	38.95 0.18 -2.15	33.88 0.49 -0.61	29.71 1.28 -1.25	26.94 1.12 -1.47	25.34 1.25 -0.93
NEG CENTRAL___SENECA 23627	18.41 0.42 -1.36	16.32 0.35 -1.48	15.78 0.33 -1.18	15.04 0.33 -1.05	15.09 0.32 -0.89	18.00 0.39 -0.67	19.67 0.50 -0.71	22.00 0.53 -0.97	24.66 0.61 -0.58	27.93 0.73 -0.23	29.06 0.79 -0.05	29.44 0.74 -0.34	34.86 1.11 0.00	36.11 1.05 0.00	36.30 0.82 0.00	38.70 0.83 0.00	35.63 0.55 -4.68	43.19 0.73 -4.12	41.07 0.71 -2.99	39.10 0.70 -1.79	33.95 0.66 -0.51	28.91 0.68 -1.04	26.12 0.54 -1.22	24.54 0.60 -0.78
NEG CENTRAL___STATE_STREET 24147	18.31 0.47 -1.21	16.20 0.39 -1.32	15.70 0.39 -1.05	14.97 0.37 -0.94	15.04 0.37 -0.79	18.03 0.49 -0.59	19.52 0.42 -0.63	21.79 0.43 -0.87	24.46 0.47 -0.52	27.74 0.57 -0.21	28.89 0.62 -0.04	29.29 0.62 -0.31	34.62 0.88 0.00	35.97 0.91 0.00	36.23 0.75 0.00	38.74 0.87 0.00	35.17 0.61 -4.16	42.81 0.81 -3.66	40.77 0.75 -2.65	38.91 0.70 -1.59	33.86 0.62 -0.45	28.63 0.52 -0.92	25.83 0.39 -1.09	24.29 0.44 -0.69
NEG MILLWOOD___DRP 24198	26.71 0.72 -9.36	25.34 0.64 -10.21	23.00 0.61 -8.12	21.50 0.59 -7.25	20.59 0.57 -6.15	22.24 0.69 -4.60	24.08 0.78 -4.84	28.46 1.13 -6.84	29.09 1.43 -4.19	30.56 1.73 -1.86	30.55 1.81 -0.52	32.80 1.93 -2.52	36.80 2.56 -0.49	37.90 2.84 0.00	38.59 3.09 -0.02	41.47 3.33 -0.27	67.69 2.83 -34.46	72.56 3.64 -30.57	63.20 3.48 -22.36	53.08 3.19 -13.28	38.66 2.39 -3.48	36.73 1.98 -7.56	34.71 1.58 -8.78	29.80 1.16 -5.48
NEG NORTH_FLCN_SEA 23793	0.36 -2.76 13.52	1.08 -2.33 11.07	0.55 -2.27 11.44	1.15 -2.12 10.40	1.15 -2.05 10.67	1.39 -2.36 13.20	2.42 -2.57 13.48	2.98 -2.85 14.66	4.08 -3.19 16.20	7.88 -3.56 15.54	8.42 -3.56 16.25	7.09 -3.54 17.73	13.03 -4.22 16.50	13.08 -4.28 17.70	16.95 -4.26 14.28	13.18 -4.70 20.00	4.58 -3.74 22.09	4.74 -4.76 28.85	10.10 -4.60 22.67	10.09 -4.50 22.02	13.03 -3.67 16.08	9.04 -3.15 14.99	11.58 -2.75 10.02	7.82 -2.71 12.63
NEG NORTH_KES_CHATEGAY 23792	-0.37 -2.88 14.12	0.48 -2.46 11.55	-0.07 -2.38 11.96	0.58 -2.23 10.85	0.86 -2.16 10.85	0.82 -2.49 13.63	1.80 -2.70 13.97	2.52 -2.99 14.98	3.48 -3.40 16.59	7.03 -3.80 16.14	7.51 -3.84 16.88	6.30 -3.83 18.23	11.98 -4.59 17.18	11.97 -4.66 18.43	15.93 -4.65 14.91	12.00 -5.07 20.79	3.99 -4.04 22.37	4.10 -5.10 29.15	8.89 -4.93 23.54	8.92 -4.80 22.90	12.02 -3.97 16.79	8.12 -3.40 15.67	10.91 -2.97 10.47	7.04 -2.92 13.20



NEG NORTH___ALICE_FALLS 23915	0.21 -2.81 13.61	0.97 -2.38 11.15	0.43 -2.31 11.53	1.03 -2.16 10.47	1.06 -2.11 10.70	1.27 -2.41 13.27	2.30 -2.60 13.56	2.89 -2.89 14.71	3.97 -3.24 16.26	7.73 -3.61 15.63	8.24 -3.64 16.35	6.92 -3.63 17.81	12.85 -4.29 16.61	12.89 -4.35 17.82	16.78 -4.33 14.38	12.97 -4.77 20.12	4.47 -3.80 22.13	4.65 -4.79 28.90	9.89 -4.67 22.81	9.92 -4.54 22.16	12.92 -3.67 16.19	8.91 -3.18 15.10	11.49 -2.78 10.09	7.71 -2.73 12.72
NEG NORTH___LWR_SARANAC 23913	0.21 -2.81 13.61	0.97 -2.38 11.15	0.43 -2.31 11.53	1.03 -2.16 10.47	1.06 -2.11 10.70	1.27 -2.41 13.27	2.30 -2.60 13.56	2.89 -2.89 14.71	3.97 -3.24 16.26	7.73 -3.61 15.63	8.24 -3.64 16.35	6.92 -3.63 17.81	12.85 -4.29 16.61	12.89 -4.35 17.82	16.78 -4.33 14.38	12.97 -4.77 20.12	4.47 -3.80 22.13	4.65 -4.79 28.90	9.89 -4.67 22.81	9.92 -4.54 22.16	12.92 -3.67 16.19	8.91 -3.18 15.10	11.49 -2.78 10.09	7.71 -2.73 12.72
NEG NORTH___PLATTSBURG 23628	0.21 -2.81 13.61	0.97 -2.38 11.15	0.43 -2.31 11.53	1.03 -2.16 10.47	1.06 -2.11 10.70	1.25 -2.42 13.27	2.30 -2.60 13.56	2.89 -2.89 14.71	3.97 -3.24 16.26	7.73 -3.61 15.63	8.24 -3.64 16.35	6.92 -3.63 17.81	12.85 -4.29 16.61	12.86 -4.38 17.82	16.78 -4.33 14.38	12.97 -4.77 20.12	4.47 -3.80 22.13	4.65 -4.79 28.90	9.89 -4.67 22.81	9.92 -4.54 22.16	12.92 -3.67 16.19	8.91 -3.18 15.10	11.49 -2.78 10.09	7.71 -2.73 12.72
NEG WEST_LEA_LOCKPORT 23791	18.37 0.32 -1.42	16.34 0.30 -1.54	15.77 0.27 -1.23	14.98 0.22 -1.10	14.98 0.18 -0.93	17.79 0.12 -0.73	19.09 -0.15 -0.77	21.20 -0.35 -1.06	23.87 -0.23 -0.63	26.93 -0.30 -0.25	27.80 -0.48 -0.05	28.02 -0.71 -0.37	33.71 -0.03 0.00	34.71 -0.35 0.00	34.67 -0.82 0.00	36.77 -1.10 0.00	34.58 -0.91 -5.09	41.56 -1.27 -4.47	39.38 -1.23 -3.25	37.58 -0.99 -1.95	32.45 -0.89 -0.55	27.78 -0.54 -1.13	25.39 -0.29 -1.33	24.19 0.19 -0.84
NEG WEST___LANCASTR 23811	18.12 -0.17 -1.65	16.18 -0.12 -1.80	15.55 -0.16 -1.44	14.78 -0.16 -1.28	14.77 -0.19 -1.09	17.44 -0.36 -0.85	18.81 -0.55 -0.89	21.03 -0.70 -1.23	23.57 -0.63 -0.74	26.56 -0.70 -0.29	27.47 -0.82 -0.06	27.83 -0.96 -0.44	34.96 1.21 0.00	36.07 1.02 0.00	36.16 0.67 0.00	38.40 0.53 0.00	35.29 -1.03 -5.92	42.10 -1.46 -5.21	39.69 -1.46 -3.78	37.71 -1.17 -2.26	32.34 -1.08 -0.64	27.74 -0.76 -1.31	25.32 -0.58 -1.55	23.84 -0.30 -0.98
NEG_PENN_ALLEGHNY 23528	19.88 0.30 -2.95	17.98 0.27 -3.22	17.07 0.24 -2.56	16.19 0.25 -2.28	16.05 0.24 -1.94	18.67 0.27 -1.46	20.30 0.29 -1.53	22.94 0.33 -2.12	25.16 0.42 -1.27	27.99 0.51 -0.50	28.87 0.53 -0.11	29.62 0.51 -0.75	34.76 1.01 0.00	36.07 1.02 0.00	36.37 0.89 0.00	38.77 0.91 0.00	41.12 0.55 -10.17	47.99 0.69 -8.95	44.50 0.63 -6.49	41.17 0.66 -3.89	34.44 0.56 -1.10	29.94 0.49 -2.26	27.43 0.41 -2.66	25.29 0.44 -1.69
NEG___GEN_MONROE 24207	18.31 0.50 -1.17	16.19 0.42 -1.28	15.70 0.41 -1.02	14.94 0.37 -0.91	14.99 0.35 -0.77	17.88 0.36 -0.57	19.39 0.31 -0.61	21.53 0.20 -0.84	24.27 0.31 -0.50	27.52 0.35 -0.20	28.55 0.28 -0.04	28.85 0.20 -0.30	34.22 0.47 0.00	35.34 0.28 0.00	35.38 -0.11 0.00	37.64 -0.23 0.00	34.36 -0.06 -4.01	41.73 -0.15 -3.53	39.75 -0.19 -2.56	38.04 -0.11 -1.54	33.22 0.00 -0.44	28.14 0.05 -0.89	25.58 0.17 -1.05	24.31 0.49 -0.67
NEPA___ENERGY 23901	18.72 0.42 -1.67	16.70 0.39 -1.82	16.07 0.36 -1.45	15.28 0.33 -1.29	15.27 0.31 -1.09	18.04 0.24 -0.85	19.44 0.07 -0.90	21.73 0.00 -1.24	24.38 0.16 -0.74	27.48 0.22 -0.29	28.46 0.17 -0.06	28.82 0.03 -0.44	35.13 1.38 0.00	36.21 1.16 0.00	36.27 0.78 0.00	38.51 0.64 0.00	36.34 -0.03 -5.96	43.44 -0.15 -5.25	40.99 -0.19 -3.81	38.94 0.04 -2.28	33.46 0.03 -0.65	28.68 0.16 -1.32	26.18 0.27 -1.56	24.64 0.49 -0.99
NEVERSINK___HYD 23608	25.41 0.48 -8.29	23.92 0.39 -9.04	21.84 0.39 -7.19	20.43 0.35 -6.41	19.69 0.37 -5.44	21.46 0.44 -4.07	23.27 0.52 -4.28	27.27 0.76 -6.02	28.19 1.01 -3.72	29.73 1.16 -1.60	29.80 1.16 -0.42	31.89 1.31 -2.22	35.71 1.65 -0.31	36.91 1.86 0.00	37.59 2.09 -0.01	40.31 2.27 -0.17	62.90 2.13 -30.37	67.41 2.61 -26.45	59.22 2.54 -19.30	50.46 2.35 -11.49	37.70 1.83 -3.09	35.32 1.55 -6.58	33.29 1.27 -7.67	28.87 0.90 -4.81
NEWKRMKL_115KV_TB1 55635	28.24 0.22 -11.39	27.10 0.19 -12.42	24.32 0.17 -9.88	22.64 0.16 -8.82	21.54 0.18 -7.48	22.74 0.20 -5.59	24.57 0.22 -5.88	28.78 0.35 -7.94	28.64 0.52 -4.66	29.21 0.62 -1.62	29.12 0.68 -0.21	31.71 0.65 -2.71	33.84 0.64 0.54	35.72 0.67 0.00	36.32 0.85 0.02	38.55 0.98 0.30	67.52 0.76 -36.35	70.98 0.88 -31.75	61.11 0.90 -22.85	51.30 0.84 -13.84	37.84 0.82 -4.24	35.95 0.57 -8.19	34.64 0.51 -9.77	29.76 0.30 -6.30
NEWTON___FALLS_HYD 23847	-15.82 -1.66 30.79	-10.00 -1.43 23.06	-13.19 -1.38 26.07	-10.00 -1.34 22.32	-3.22 -1.33 15.76	-9.98 -1.54 25.39	-1.00 -1.66 17.81	-1.00 -1.91 19.59	-1.00 -2.32 22.14	-1.00 -2.72 25.25	-1.00 -2.82 26.40	-1.00 -2.92 26.44	-1.00 -3.61 31.13	-1.00 -3.61 32.45	-1.00 -3.83 32.40	-1.00 -4.13 34.74	-1.00 -3.80 28.30	-1.00 -3.33 35.55	-1.00 -3.33 35.04	-3.91 -3.11 37.42	-6.71 -2.95 36.54	-9.43 -2.47 34.14	-0.90 -2.39 22.87	-7.82 -2.22 28.76
NGRID_A1_DSASP 323792	18.18 0.10 -1.44	16.24 0.17 -1.57	15.66 0.14 -1.25	14.86 0.08 -1.12	14.85 0.03 -0.95	17.47 -0.22 -0.75	18.76 -0.50 -0.79	20.80 -0.78 -1.09	23.39 -0.73 -0.65	26.37 -0.86 -0.26	27.12 -1.16 -0.06	27.41 -1.33 -0.39	32.83 -0.91 0.00	33.87 -1.19 0.00	33.75 -1.74 0.00	35.78 -2.08 0.00	34.03 -1.61 -5.24	40.81 -2.15 -4.61	38.55 -2.17 -3.34	36.79 -1.83 -2.00	31.64 -1.71 -0.57	27.18 -1.17 -1.16	24.90 -0.83 -1.37	23.78 -0.25 -0.87
NGRID_A2_DSASP 323793	18.18 0.10 -1.44	16.24 0.17 -1.57	15.66 0.14 -1.25	14.86 0.08 -1.12	14.85 0.03 -0.95	17.47 -0.22 -0.75	18.76 -0.50 -0.79	20.80 -0.78 -1.09	23.39 -0.73 -0.65	26.37 -0.86 -0.26	27.12 -1.16 -0.06	27.41 -1.33 -0.39	32.83 -0.91 0.00	33.87 -1.19 0.00	33.75 -1.74 0.00	35.78 -2.08 0.00	34.03 -1.61 -5.24	40.81 -2.15 -4.61	38.55 -2.17 -3.34	36.79 -1.83 -2.00	31.64 -1.71 -0.57	27.18 -1.17 -1.16	24.90 -0.83 -1.37	23.78 -0.25 -0.87
NGRID_A4_DSASP 323807	18.18 0.10 -1.44	16.21 0.14 -1.57	15.63 0.11 -1.25	14.85 0.07 -1.12	14.85 0.03 -0.95	17.46 -0.24 -0.75	18.76 -0.50 -0.79	20.80 -0.78 -1.09	23.39 -0.73 -0.65	26.37 -0.86 -0.26	27.18 -1.10 -0.06	27.38 -1.36 -0.39	32.83 -0.91 0.00	33.76 -1.30 0.00	33.75 -1.74 0.00	35.78 -2.08 0.00	34.00 -1.64 -5.24	40.81 -2.15 -4.61	38.55 -2.17 -3.34	36.79 -1.83 -2.00	31.68 -1.67 -0.57	27.18 -1.17 -1.16	24.90 -0.83 -1.37	23.78 -0.25 -0.87
NIAGARA_115E_LBMP 323715	18.13 0.05 -1.45	16.17 0.10 -1.58	15.59 0.07 -1.25	14.80 0.01 -1.12	14.78 -0.04 -0.95	17.59 -0.10 -0.75	18.79 -0.46 -0.79	20.84 -0.74 -1.09	23.44 -0.68 -0.65	26.42 -0.81 -0.26	27.21 -1.07 -0.06	27.47 -1.28 -0.38	33.00 -0.74 0.00	34.04 -1.02 0.00	33.93 -1.56 0.00	35.98 -1.89 0.00	34.10 -1.52 -5.22	40.91 -2.03 -4.59	38.76 -1.94 -3.33	36.93 -1.68 -2.00	31.78 -1.57 -0.57	27.26 -1.09 -1.16	24.96 -0.76 -1.36	23.82 -0.21 -0.86

NIAGARA_115W_LBMP 323714	18.14 0.07 -1.44	16.21 0.14 -1.57	15.63 0.11 -1.25	14.83 0.05 -1.11	14.82 0.00 -0.95	17.44 -0.25 -0.75	18.70 -0.55 -0.79	20.74 -0.84 -1.09	23.32 -0.80 -0.65	26.29 -0.94 -0.26	27.07 -1.21 -0.06	27.33 -1.42 -0.39	32.73 -1.01 0.00	33.76 -1.30 0.00	33.64 -1.85 0.00	35.67 -2.20 0.00	33.94 -1.70 -5.23	40.69 -2.26 -4.60	38.43 -2.28 -3.34	36.68 -1.94 -2.00	31.55 -1.80 -0.57	27.10 -1.25 -1.16	24.82 -0.90 -1.37	23.70 -0.32 -0.87
NIAGARA_230_LBMP 323716	18.24 0.18 -1.42	16.26 0.22 -1.55	15.69 0.19 -1.23	14.89 0.12 -1.10	14.88 0.07 -0.93	17.64 -0.05 -0.74	18.94 -0.31 -0.78	21.00 -0.57 -1.08	23.62 -0.49 -0.65	26.63 -0.59 -0.26	27.43 -0.85 -0.06	27.69 -1.05 -0.38	33.24 -0.51 0.00	34.29 -0.77 0.00	34.21 -1.28 0.00	36.28 -1.59 0.00	34.35 -1.25 -5.19	41.27 -1.65 -4.57	39.04 -1.64 -3.31	37.18 -1.43 -1.99	32.00 -1.35 -0.56	27.45 -0.90 -1.15	25.13 -0.58 -1.36	23.98 -0.05 -0.86
NIAGARA__115KV_198_GIBSON 55903	18.14 0.07 -1.44	16.18 0.12 -1.57	15.60 0.09 -1.25	14.82 0.04 -1.11	14.81 -0.01 -0.95	17.41 -0.29 -0.75	18.70 -0.55 -0.79	20.74 -0.84 -1.09	23.32 -0.80 -0.65	26.29 -0.94 -0.26	27.09 -1.19 -0.06	27.30 -1.45 -0.39	32.73 -1.01 0.00	33.69 -1.37 0.00	33.68 -1.81 0.00	35.67 -2.20 0.00	33.94 -1.70 -5.23	40.69 -2.26 -4.60	38.43 -2.28 -3.34	36.72 -1.90 -2.00	31.58 -1.77 -0.57	27.10 -1.25 -1.16	24.82 -0.90 -1.37	23.70 -0.32 -0.87
NIAGARA____ 23760	18.26 0.18 -1.44	16.28 0.22 -1.57	15.71 0.19 -1.25	14.90 0.12 -1.12	14.89 0.07 -0.95	17.64 -0.05 -0.75	18.94 -0.31 -0.79	21.01 -0.57 -1.09	23.62 -0.49 -0.65	26.64 -0.59 -0.26	27.43 -0.85 -0.06	27.69 -1.05 -0.38	33.24 -0.51 0.00	34.29 -0.77 0.00	34.21 -1.28 0.00	36.28 -1.59 0.00	34.37 -1.25 -5.21	41.29 -1.65 -4.59	39.05 -1.64 -3.33	37.18 -1.43 -1.99	32.00 -1.35 -0.57	27.45 -0.90 -1.16	25.13 -0.58 -1.36	23.98 -0.05 -0.87
NINE_MILE_1 23575	16.96 -0.27 -0.59	14.89 -0.25 -0.65	14.54 -0.24 -0.51	13.89 -0.23 -0.46	14.03 -0.24 -0.39	16.95 -0.29 -0.29	18.46 -0.31 -0.31	20.45 -0.47 -0.42	23.09 -0.63 -0.25	26.35 -0.73 -0.10	27.49 -0.76 -0.02	27.71 -0.79 -0.15	32.83 -0.91 0.00	34.08 -0.98 0.00	34.42 -1.06 0.00	36.73 -1.14 0.00	31.52 -0.91 -2.03	38.99 -1.15 -1.79	37.55 -1.12 -1.30	36.30 -1.10 -0.78	32.05 -0.95 -0.22	26.85 -0.79 -0.45	24.21 -0.68 -0.53	23.01 -0.49 -0.34
NINE_MILE_2 23744	16.96 -0.27 -0.59	14.89 -0.25 -0.65	14.54 -0.24 -0.51	13.89 -0.23 -0.46	14.03 -0.24 -0.39	16.95 -0.29 -0.29	18.46 -0.31 -0.31	20.44 -0.47 -0.42	23.09 -0.63 -0.25	26.34 -0.73 -0.10	27.49 -0.76 -0.02	27.71 -0.79 -0.15	32.83 -0.91 0.00	34.08 -0.98 0.00	34.42 -1.06 0.00	36.73 -1.14 0.00	31.52 -0.91 -2.03	38.98 -1.15 -1.78	37.54 -1.12 -1.29	36.30 -1.10 -0.78	32.05 -0.95 -0.22	26.85 -0.79 -0.45	24.20 -0.68 -0.53	23.01 -0.49 -0.34
NM_CAPITAL____DRP 24208	28.23 0.23 -11.36	27.08 0.20 -12.39	24.32 0.20 -9.86	22.65 0.19 -8.79	21.54 0.21 -7.46	22.76 0.24 -5.58	24.56 0.22 -5.87	28.76 0.37 -7.90	28.63 0.54 -4.62	29.18 0.62 -1.59	29.09 0.68 -0.19	31.69 0.65 -2.68	33.82 0.67 0.60	35.76 0.70 0.00	36.35 0.89 0.02	38.56 1.02 0.33	67.17 0.79 -35.98	70.71 0.96 -31.40	60.87 0.93 -22.57	51.18 0.88 -13.68	37.86 0.85 -4.23	35.93 0.63 -8.12	34.59 0.54 -9.70	29.75 0.32 -6.26
NM_CENTRAL____DRP 24181	18.33 0.07 -1.63	16.08 0.06 -1.53	15.71 0.04 -1.40	14.95 0.05 -1.23	14.71 0.04 -0.79	17.96 0.05 -0.97	19.53 0.09 -0.97	21.50 0.02 -0.98	24.23 -0.05 -0.81	27.72 -0.08 -0.83	28.95 -0.03 -0.75	29.07 -0.09 -0.80	34.56 0.00 -0.81	35.91 0.00 -0.85	36.15 -0.14 -0.81	38.68 -0.11 -0.93	33.59 -0.12 -3.31	41.17 -0.15 -2.97	40.05 -0.19 -2.87	38.55 -0.22 -2.15	33.82 -0.20 -1.24	28.54 -0.16 -1.51	25.54 -0.17 -1.35	24.35 -0.02 -1.21
NM_FRONTIER____DRP 24179	18.14 0.07 -1.44	16.18 0.12 -1.57	15.60 0.09 -1.25	14.82 0.04 -1.11	14.81 -0.01 -0.95	17.41 -0.29 -0.75	18.70 -0.55 -0.79	20.74 -0.84 -1.09	23.32 -0.80 -0.65	26.29 -0.94 -0.26	27.09 -1.19 -0.06	27.30 -1.45 -0.39	32.73 -1.01 0.00	33.69 -1.37 0.00	33.68 -1.81 0.00	35.67 -2.20 0.00	33.94 -1.70 -5.23	40.69 -2.26 -4.60	38.43 -2.28 -3.34	36.72 -1.90 -2.00	31.58 -1.77 -0.57	27.10 -1.25 -1.16	24.82 -0.90 -1.37	23.70 -0.32 -0.87
NM_ST_REGIS____HYD 24053	-5.70 -2.64 19.69	-3.75 -2.29 15.95	-4.64 -2.23 16.68	-3.49 -2.12 15.03	-0.73 -2.11 12.49	-3.09 -2.47 17.56	-2.70 -2.68 18.49	-0.46 -2.99 17.96	-0.30 -3.57 20.20	1.19 -4.07 21.71	1.27 -4.26 22.69	1.18 -4.31 22.86	5.02 -5.30 23.43	4.64 -5.36 25.05	9.30 -5.43 20.76	3.83 -5.91 28.13	0.82 -4.62 24.96	0.75 -5.71 31.89	0.56 -5.27 31.54	0.54 -5.13 30.95	4.76 -4.62 23.40	1.46 -3.89 21.84	6.21 -3.53 14.62	1.31 -3.45 18.40
NORTHPORT____1 23551	31.18 1.13 -13.41	26.25 1.00 -10.75	24.26 0.97 -9.02	21.73 0.90 -7.17	20.91 0.94 -6.09	25.35 1.12 -7.29	26.93 1.24 -7.22	28.83 1.54 -6.80	29.61 1.95 -4.20	31.78 2.24 -2.57	34.60 2.09 -4.29	35.55 2.24 -4.96	35.85 2.60 0.49	37.50 2.56 0.11	62.09 2.73 -23.87	58.05 2.92 -17.27	64.82 2.34 -32.07	68.29 2.88 -27.07	59.38 2.65 -19.35	51.36 2.45 -12.29	37.44 2.20 -2.46	36.25 1.98 -7.07	35.18 1.92 -8.90	34.79 1.44 -10.19
NORTHPORT____2 23552	31.18 1.13 -13.41	26.25 1.00 -10.75	24.26 0.97 -9.02	21.73 0.90 -7.17	20.91 0.94 -6.09	25.35 1.12 -7.29	26.93 1.24 -7.22	28.83 1.54 -6.80	29.61 1.95 -4.20	31.78 2.24 -2.57	34.60 2.09 -4.29	35.55 2.24 -4.96	35.85 2.60 0.49	37.50 2.56 0.11	62.09 2.73 -23.87	58.05 2.92 -17.27	64.82 2.34 -32.07	68.29 2.88 -27.07	59.38 2.65 -19.35	51.36 2.45 -12.29	37.44 2.20 -2.46	36.25 1.98 -7.07	35.18 1.92 -8.90	34.79 1.44 -10.19
NORTHPORT____3 23553	31.18 1.13 -13.41	26.22 0.97 -10.75	24.23 0.94 -9.02	21.72 0.89 -7.17	20.88 0.92 -6.09	25.32 1.09 -7.29	26.91 1.22 -7.22	28.87 1.58 -6.80	29.68 2.02 -4.20	31.86 2.32 -2.57	34.58 2.06 -4.29	35.56 2.24 -4.96	36.29 2.63 0.09	37.74 2.81 0.12	62.43 3.09 -23.86	58.54 3.41 -17.26	65.26 2.80 -32.06	68.78 3.38 -27.06	59.86 3.14 -19.35	51.90 3.00 -12.28	37.92 2.69 -2.45	36.54 2.28 -7.07	35.55 1.90 -9.29	34.87 1.53 -10.18
NORTHPORT____4 23650	31.18 1.13 -13.41	26.22 0.97 -10.75	24.23 0.94 -9.02	21.72 0.89 -7.17	20.88 0.92 -6.09	25.32 1.09 -7.29	26.91 1.22 -7.22	28.87 1.58 -6.80	29.68 2.02 -4.20	31.86 2.32 -2.57	34.58 2.06 -4.29	35.56 2.24 -4.96	36.29 2.63 0.09	37.74 2.81 0.12	62.43 3.09 -23.86	58.54 3.41 -17.26	65.26 2.80 -32.06	68.78 3.38 -27.06	59.86 3.14 -19.35	51.90 3.00 -12.28	37.92 2.69 -2.45	36.54 2.28 -7.07	35.55 1.90 -9.29	34.87 1.53 -10.18
NORTHPORT____IC 23718	31.18 1.13 -13.41	26.25 1.00 -10.75	24.26 0.97 -9.02	21.73 0.90 -7.17	20.91 0.94 -6.09	25.35 1.12 -7.29	26.93 1.24 -7.22	28.83 1.54 -6.80	29.61 1.95 -4.20	31.78 2.24 -2.57	34.60 2.09 -4.29	35.55 2.24 -4.96	35.85 2.60 0.49	37.50 2.56 0.11	62.09 2.73 -23.87	58.05 2.92 -17.27	64.82 2.34 -32.07	68.29 2.88 -27.07	59.38 2.65 -19.35	51.36 2.45 -12.29	37.44 2.20 -2.46	36.25 1.98 -7.07	35.18 1.92 -8.90	34.79 1.44 -10.19

NORTH__COUNTRY_ESR 323785	-0.41 -2.91 14.14	0.44 -2.49 11.56	-0.10 -2.40 11.97	0.56 -2.24 10.86	0.83 -2.19 10.86	0.78 -2.52 13.64	1.77 -2.71 13.98	2.49 -3.01 14.99	3.44 -3.43 16.60	6.99 -3.83 16.16	7.47 -3.87 16.89	6.26 -3.86 18.24	11.96 -4.59 17.19	11.92 -4.70 18.44	15.88 -4.68 14.93	11.94 -5.11 20.81	3.95 -4.07 22.38	4.05 -5.14 29.16	8.84 -4.97 23.56	8.83 -4.87 22.92	11.94 -4.03 16.81	8.05 -3.45 15.68	10.85 -3.02 10.48	6.99 -2.96 13.21
NPX_GEN_1385_PROXY 323591	30.71 0.67 -13.41	26.00 0.75 -10.75	24.00 0.71 -9.02	21.50 0.67 -7.17	20.73 0.76 -6.09	25.08 0.85 -7.29	26.67 0.98 -7.22	28.36 1.06 -6.80	29.00 1.34 -4.20	31.02 1.48 -2.57	33.08 1.24 -3.61	34.96 1.64 -4.96	35.14 1.89 0.49	36.73 1.79 0.11	41.83 1.67 -4.68	44.07 1.78 -4.42	48.54 1.43 -16.71	56.95 1.77 -16.84	56.84 1.53 -17.94	50.30 1.39 -12.29	36.82 1.57 -2.46	35.79 1.52 -7.07	34.57 1.31 -8.90	33.81 0.74 -9.91
NPX_GEN_CSC 323557	31.68 1.63 -13.41	26.67 1.42 -10.75	24.67 1.38 -9.02	22.10 1.27 -7.17	21.28 1.32 -6.09	25.83 1.59 -7.29	27.46 1.77 -7.22	29.40 2.11 -6.80	30.27 2.60 -4.20	32.64 3.10 -2.57	35.99 3.10 -4.66	40.66 3.29 -9.02	52.10 3.95 -14.41	124.52 4.03 -85.44	131.14 4.29 -91.36	138.00 4.62 -95.51	274.50 3.71 -240.39	369.61 4.64 -326.62	319.32 4.37 -277.58	137.91 4.14 -97.16	133.22 3.70 -96.74	77.57 3.18 -47.20	50.74 2.85 -23.54	35.77 2.34 -10.27
NSINS_S_GLNS_FALLS 23858	29.15 0.80 -11.71	27.91 0.65 -12.77	25.07 0.64 -10.16	23.34 0.61 -9.06	22.22 0.65 -7.69	23.47 0.78 -5.75	25.37 0.85 -6.05	29.69 1.05 -8.15	29.58 1.34 -4.77	30.18 1.56 -1.64	29.81 1.38 -0.20	32.43 1.30 -2.77	34.69 1.55 0.60	36.74 1.68 0.00	37.49 2.02 0.02	39.88 2.35 0.33	69.42 1.85 -37.16	72.97 2.19 -32.44	63.12 2.43 -23.32	53.35 2.60 -14.14	39.70 2.56 -4.36	37.39 1.82 -8.38	35.69 1.32 -10.01	30.71 1.09 -6.46
NUCOR_STEEL__DRP 24197	18.18 0.38 -1.16	16.08 0.32 -1.27	15.59 0.31 -1.01	14.86 0.30 -0.90	14.94 0.31 -0.76	17.91 0.39 -0.57	19.53 0.46 -0.60	21.78 0.45 -0.83	24.44 0.47 -0.50	27.71 0.54 -0.20	28.89 0.62 -0.04	29.25 0.60 -0.29	34.55 0.81 0.00	35.90 0.84 0.00	36.16 0.67 0.00	38.66 0.80 0.00	34.95 0.55 -4.00	42.59 0.73 -3.52	40.59 0.67 -2.55	38.81 0.66 -1.53	33.81 0.59 -0.43	28.57 0.49 -0.89	25.79 0.39 -1.04	24.29 0.46 -0.66
NUMBER_THREE_WT_PWR 323818	25.41 -0.53 -9.31	21.54 -0.45 -7.49	21.76 -0.40 -7.90	20.26 -0.40 -6.99	16.41 -0.37 -2.91	23.02 -0.39 -6.47	25.48 -0.41 -7.42	25.06 -0.51 -5.08	28.71 -0.70 -5.94	35.05 -0.84 -8.92	36.60 -0.88 -9.25	34.90 -0.94 -7.48	42.48 -1.18 -9.92	44.49 -1.09 -10.52	43.53 -1.24 -9.28	48.11 -1.40 -11.64	35.23 -0.97 -5.80	43.06 -1.11 -5.83	50.43 -0.71 -13.77	49.51 -0.55 -13.44	42.82 -0.62 -10.66	36.80 -0.57 -10.18	30.75 -0.63 -7.02	31.10 -0.60 -8.54
NYISO_LBMP_REFERENCE 24008	16.63 0.00 0.00	14.49 0.00 0.00	14.27 0.00 0.00	13.66 0.00 0.00	13.87 0.00 0.00	16.95 0.00 0.00	18.47 0.00 0.00	20.49 0.00 0.00	23.47 0.00 0.00	26.97 0.00 0.00	28.22 0.00 0.00	28.36 0.00 0.00	33.74 0.00 0.00	35.06 0.00 0.00	35.49 0.00 0.00	37.87 0.00 0.00	30.40 0.00 0.00	38.35 0.00 0.00	37.37 0.00 0.00	36.62 0.00 0.00	32.78 0.00 0.00	27.19 0.00 0.00	24.36 0.00 0.00	23.16 0.00 0.00
NYPA_BRENTWD__GT 24164	31.46 1.41 -13.41	26.49 1.25 -10.75	24.49 1.20 -9.02	21.95 1.12 -7.17	21.13 1.17 -6.09	25.64 1.41 -7.29	27.24 1.55 -7.22	29.20 1.91 -6.80	30.03 2.37 -4.20	32.32 2.78 -2.57	35.31 2.71 -4.38	37.23 2.92 -5.95	55.02 3.44 -17.83	59.00 3.26 -20.68	79.24 3.48 -40.28	77.91 3.75 -36.29	116.14 3.01 -82.72	141.86 3.60 -99.90	122.88 3.36 -82.14	72.69 3.15 -32.92	60.98 2.82 -25.38	46.49 2.47 -16.83	53.78 2.51 -26.92	35.36 1.99 -10.20
NYPA_GOWANUS__GT5 24156	26.82 0.91 -9.27	25.33 0.74 -10.10	22.97 0.67 -8.03	21.43 0.60 -7.17	20.58 0.62 -6.08	22.22 0.73 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.85 2.53 -0.57	37.72 2.66 0.00	38.45 2.94 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.56 2.33 -3.45	36.88 2.15 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
NYPA_GOWANUS__GT6 24157	26.82 0.91 -9.27	25.33 0.74 -10.10	22.97 0.67 -8.03	21.43 0.60 -7.17	20.58 0.62 -6.08	22.22 0.73 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.85 2.53 -0.57	37.72 2.66 0.00	38.45 2.94 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.56 2.33 -3.45	36.88 2.15 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44
NYPA_HARLEM_RVR_GT1 24160	26.75 0.85 -9.27	25.30 0.71 -10.10	22.96 0.66 -8.04	21.44 0.60 -7.17	20.59 0.62 -6.09	22.24 0.74 -4.55	24.10 0.85 -4.78	28.46 1.17 -6.80	29.05 1.41 -4.17	30.78 1.92 -1.89	30.69 1.92 -0.55	32.89 2.01 -2.52	36.54 2.23 -0.57	37.62 2.56 0.00	38.42 2.91 -0.02	41.22 3.03 -0.32	67.60 2.64 -34.55	72.31 3.33 -30.63	62.86 3.07 -22.43	52.78 2.86 -13.30	38.49 2.26 -3.45	36.78 2.04 -7.55	34.86 1.75 -8.75	29.93 1.32 -5.45
NYPA_HARLEM_RVR_GT2 24161	26.75 0.85 -9.27	25.30 0.71 -10.10	22.96 0.66 -8.04	21.44 0.60 -7.17	20.59 0.62 -6.09	22.24 0.74 -4.55	24.10 0.85 -4.78	28.46 1.17 -6.80	29.05 1.41 -4.17	30.78 1.92 -1.89	30.69 1.92 -0.55	32.89 2.01 -2.52	36.54 2.23 -0.57	37.62 2.56 0.00	38.42 2.91 -0.02	41.22 3.03 -0.32	67.60 2.64 -34.55	72.31 3.33 -30.63	62.86 3.07 -22.43	52.78 2.86 -13.30	38.49 2.26 -3.45	36.78 2.04 -7.55	34.86 1.75 -8.75	29.93 1.32 -5.45
NYPA_KENT__GT 24152	26.76 0.86 -9.26	25.30 0.71 -10.10	22.94 0.64 -8.03	21.42 0.59 -7.17	20.56 0.61 -6.08	22.20 0.71 -4.55	24.10 0.85 -4.78	28.54 1.25 -6.80	29.22 1.57 -4.18	30.83 1.97 -1.89	30.75 1.98 -0.55	33.00 2.13 -2.52	36.78 2.46 -0.57	37.65 2.59 0.00	38.38 2.87 -0.02	41.17 2.99 -0.31	67.65 2.68 -34.57	72.38 3.38 -30.65	62.89 3.07 -22.45	52.82 2.86 -13.35	38.46 2.23 -3.45	36.80 2.07 -7.55	34.90 1.80 -8.75	29.90 1.30 -5.44
NYPA_POUCH1__GT 24155	26.82 0.91 -9.27	25.33 0.74 -10.10	22.96 0.66 -8.03	21.42 0.59 -7.17	20.56 0.61 -6.08	22.19 0.70 -4.55	24.04 0.79 -4.78	28.50 1.21 -6.80	29.18 1.52 -4.18	30.81 1.94 -1.90	30.70 1.92 -0.55	33.58 2.10 -3.12	34.78 2.43 1.40	35.40 2.53 2.18	36.44 2.80 1.84	38.02 2.92 2.77	63.19 2.68 -30.11	73.75 3.41 -31.99	58.92 3.14 -18.41	45.06 2.89 -5.55	36.22 2.23 -1.21	35.35 2.07 -6.09	36.44 1.83 -10.26	29.88 1.27 -5.44
NYPA_VERNON__GT2 24162	26.71 0.81 -9.26	25.25 0.67 -10.09	22.91 0.61 -8.03	21.39 0.56 -7.17	20.54 0.58 -6.08	22.19 0.70 -4.55	24.10 0.85 -4.78	28.54 1.25 -6.80	29.22 1.57 -4.18	30.81 1.94 -1.89	30.72 1.95 -0.55	32.94 2.07 -2.52	36.68 2.36 -0.57	37.62 2.56 0.00	38.35 2.84 -0.02	41.14 2.96 -0.31	67.54 2.58 -34.55	72.24 3.26 -30.63	62.79 2.99 -22.43	52.67 2.75 -13.30	38.42 2.20 -3.45	36.72 1.98 -7.55	34.80 1.70 -8.74	29.85 1.25 -5.44

NYPA_VERNON____GT3 24163	26.71	25.25	22.91	21.39	20.54	22.19	24.10	28.54	29.22	30.81	30.72	32.94	36.68	37.62	38.35	41.14	67.54	72.24	62.79	52.67	38.42	36.72	34.80	29.85
	0.81	0.67	0.61	0.56	0.58	0.70	0.85	1.25	1.57	1.94	1.95	2.07	2.36	2.56	2.84	2.96	2.58	3.26	2.99	2.75	2.20	1.98	1.70	1.25
	-9.26	-10.09	-8.03	-7.17	-6.08	-4.55	-4.78	-6.80	-4.18	-1.89	-0.55	-2.52	-0.57	0.00	-0.02	-0.31	-34.55	-30.63	-22.43	-13.30	-3.45	-7.55	-8.74	-5.44
NYPA____ASTORIA_CC1 323568	26.69	25.24	22.90	21.38	20.52	22.17	24.06	28.50	29.17	30.78	30.69	32.92	36.61	37.55	38.31	41.10	67.50	72.19	62.71	52.62	38.39	36.67	34.78	29.83
	0.80	0.65	0.60	0.55	0.57	0.68	0.81	1.21	1.52	1.92	1.92	2.04	2.30	2.49	2.80	2.92	2.55	3.22	2.92	2.71	2.16	1.93	1.68	1.23
	-9.26	-10.09	-8.03	-7.17	-6.08	-4.55	-4.78	-6.80	-4.18	-1.89	-0.55	-2.52	-0.57	0.00	-0.02	-0.31	-34.54	-30.62	-22.42	-13.29	-3.45	-7.55	-8.74	-5.44
NYPA____ASTORIA_CC2 323569	26.69	25.24	22.90	21.38	20.52	22.17	24.06	28.50	29.17	30.78	30.69	32.92	36.61	37.55	38.31	41.10	67.50	72.19	62.71	52.62	38.39	36.67	34.78	29.83
	0.80	0.65	0.60	0.55	0.57	0.68	0.81	1.21	1.52	1.92	1.92	2.04	2.30	2.49	2.80	2.92	2.55	3.22	2.92	2.71	2.16	1.93	1.68	1.23
	-9.26	-10.09	-8.03	-7.17	-6.08	-4.55	-4.78	-6.80	-4.18	-1.89	-0.55	-2.52	-0.57	0.00	-0.02	-0.31	-34.54	-30.62	-22.42	-13.29	-3.45	-7.55	-8.74	-5.44
NYPA____HOLTSVILL 23794	31.44	26.46	24.47	21.92	21.10	25.61	27.20	29.11	29.92	32.18	35.45	40.16	51.20	124.45	130.87	137.73	275.47	371.09	320.48	137.72	133.20	77.27	50.06	35.33
	1.40	1.22	1.18	1.09	1.14	1.37	1.51	1.82	2.25	2.64	2.57	2.75	3.24	3.26	3.48	3.71	2.98	3.68	3.44	3.26	2.92	2.56	2.36	1.90
	-13.41	-10.75	-9.02	-7.17	-6.09	-7.29	-7.22	-6.80	-4.20	-2.57	-4.66	-9.05	-14.21	-86.13	-91.91	-96.15	-242.08	-329.05	-279.68	-97.84	-97.50	-47.52	-23.34	-10.27
NYPA____HELLGATE_GT1 24158	26.75	25.30	22.96	21.44	20.59	22.24	24.10	28.46	29.05	30.78	30.69	32.89	36.54	37.62	38.42	41.22	67.60	72.31	62.86	52.78	38.49	36.78	34.86	29.93
	0.85	0.71	0.66	0.60	0.62	0.74	0.85	1.17	1.41	1.92	1.92	2.01	2.23	2.56	2.91	3.03	2.64	3.33	3.07	2.86	2.26	2.04	1.75	1.32
	-9.27	-10.10	-8.04	-7.17	-6.09	-4.55	-4.78	-6.80	-4.17	-1.89	-0.55	-2.52	-0.57	0.00	-0.02	-0.32	-34.55	-30.63	-22.43	-13.30	-3.45	-7.55	-8.75	-5.45
NYPA____HELLGATE_GT2 24159	26.75	25.30	22.96	21.44	20.59	22.24	24.10	28.46	29.05	30.78	30.69	32.89	36.54	37.62	38.42	41.22	67.60	72.31	62.86	52.78	38.49	36.78	34.86	29.93
	0.85	0.71	0.66	0.60	0.62	0.74	0.85	1.17	1.41	1.92	1.92	2.01	2.23	2.56	2.91	3.03	2.64	3.33	3.07	2.86	2.26	2.04	1.75	1.32
	-9.27	-10.10	-8.04	-7.17	-6.09	-4.55	-4.78	-6.80	-4.17	-1.89	-0.55	-2.52	-0.57	0.00	-0.02	-0.32	-34.55	-30.63	-22.43	-13.30	-3.45	-7.55	-8.75	-5.45
NYS_BARGE____HYD 23848	18.36	16.36	15.79	14.98	14.99	17.82	19.10	21.19	23.86	26.92	27.74	28.05	33.71	34.78	34.67	36.77	34.53	41.52	39.35	37.59	32.45	27.76	25.38	24.18
	0.32	0.33	0.30	0.23	0.19	0.15	-0.13	-0.35	-0.23	-0.30	-0.54	-0.68	-0.03	-0.28	-0.81	-1.10	-0.91	-1.26	-1.23	-0.95	-0.88	-0.54	-0.29	0.18
	-1.41	-1.53	-1.22	-1.09	-0.92	-0.72	-0.76	-1.05	-0.63	-0.25	-0.05	-0.37	0.00	0.00	0.00	0.00	-5.04	-4.43	-3.22	-1.93	-0.55	-1.12	-1.32	-0.83
OAK ORCHARD____HYD 24046	18.30	16.19	15.69	14.92	14.97	17.87	19.36	21.57	24.27	27.55	28.61	28.93	34.22	35.44	35.49	37.79	34.40	41.88	39.90	38.17	33.41	28.23	25.61	24.28
	0.50	0.43	0.41	0.35	0.33	0.36	0.29	0.25	0.30	0.38	0.34	0.28	0.47	0.39	0.00	-0.08	0.03	0.04	0.00	0.04	0.20	0.16	0.22	0.46
	-1.16	-1.27	-1.01	-0.90	-0.76	-0.57	-0.60	-0.83	-0.49	-0.20	-0.04	-0.29	0.00	0.00	0.00	0.00	-3.97	-3.49	-2.53	-1.52	-0.43	-0.88	-1.04	-0.66
OAKDALE__35_KV_LOAD 356122	19.79	17.89	16.99	16.11	15.98	18.58	20.19	22.82	25.01	27.82	28.70	29.44	34.55	35.83	36.16	38.55	40.83	47.65	44.22	40.92	34.27	29.78	27.29	25.16
	0.23	0.20	0.19	0.18	0.18	0.19	0.20	0.23	0.28	0.35	0.37	0.34	0.81	0.77	0.67	0.68	0.33	0.42	0.41	0.44	0.39	0.35	0.29	0.32
	-2.93	-3.19	-2.54	-2.26	-1.92	-1.44	-1.52	-2.10	-1.26	-0.50	-0.11	-0.74	0.00	0.00	0.00	0.00	-10.09	-8.88	-6.44	-3.86	-1.10	-2.24	-2.64	-1.67
OCC_CHEM____DRP 24175	18.18	16.21	15.63	14.85	14.85	17.46	18.76	20.80	23.39	26.37	27.18	27.38	32.83	33.76	33.75	35.78	34.00	40.81	38.55	36.79	31.68	27.18	24.90	23.78
	0.10	0.14	0.11	0.07	0.03	-0.24	-0.50	-0.78	-0.73	-0.86	-1.10	-1.36	-0.91	-1.30	-1.74	-2.08	-1.64	-2.15	-2.17	-1.83	-1.67	-1.17	-0.83	-0.25
	-1.44	-1.57	-1.25	-1.12	-0.95	-0.75	-0.79	-1.09	-0.65	-0.26	-0.06	-0.39	0.00	0.00	0.00	0.00	-5.24	-4.61	-3.34	-2.00	-0.57	-1.16	-1.37	-0.87
OH_GEN_PROXY 24063	18.24	16.27	15.69	14.89	14.88	17.64	18.94	21.04	23.67	26.69	27.49	27.78	33.34	34.39	34.28	36.39	34.45	41.39	39.12	37.29	32.10	27.53	25.18	23.98
	0.18	0.22	0.19	0.12	0.07	-0.05	-0.31	-0.53	-0.45	-0.54	-0.79	-0.96	-0.40	-0.67	-1.21	-1.48	-1.16	-1.54	-1.57	-1.32	-1.25	-0.81	-0.54	-0.05
	-1.43	-1.56	-1.24	-1.10	-0.94	-0.74	-0.78	-1.08	-0.65	-0.26	-0.06	-0.38	0.00	0.00	0.00	0.00	-5.20	-4.58	-3.32	-1.99	-0.56	-1.16	-1.36	-0.86
OLIN_CORP_DRP 24177	18.16	16.18	15.59	14.82	14.80	17.60	18.84	20.89	23.49	26.48	27.29	27.52	33.07	34.04	34.03	36.05	34.20	41.02	38.86	37.02	31.88	27.32	25.02	23.85
	0.07	0.10	0.06	0.03	-0.03	-0.10	-0.42	-0.70	-0.63	-0.76	-0.99	-1.22	-0.67	-1.02	-1.45	-1.82	-1.46	-1.96	-1.87	-1.61	-1.48	-1.03	-0.71	-0.19
	-1.46	-1.59	-1.26	-1.13	-0.96	-0.75	-0.79	-1.09	-0.66	-0.26	-0.06	-0.39	0.00	0.00	0.00	0.00	-5.26	-4.63	-3.36	-2.01	-0.57	-1.17	-1.37	-0.87
OLIN_CORP_DSASP 323712	18.18	16.24	15.66	14.86	14.85	17.47	18.76	20.80	23.39	26.37	27.12	27.41	32.83	33.87	33.75	35.78	34.03	40.81	38.55	36.79	31.64	27.18	24.90	23.78
	0.10	0.17	0.14	0.08	0.03	-0.22	-0.50	-0.78	-0.73	-0.86	-1.16	-1.33	-0.91	-1.19	-1.74	-2.08	-1.61	-2.15	-2.17	-1.83	-1.71	-1.17	-0.83	-0.25
	-1.44	-1.57	-1.25	-1.12	-0.95	-0.75	-0.79	-1.09	-0.65	-0.26	-0.06	-0.39	0.00	0.00	0.00	0.00	-5.24	-4.61	-3.34	-2.00	-0.57	-1.16	-1.37	-0.87
ONEIDA_HERK_LFGE 323681	20.67	17.80	17.72	16.72	15.22	19.79	21.78	22.82	26.04	30.77	32.14	31.54	37.90	39.57	39.37	42.67	33.52	41.43	43.91	42.88	37.56	31.77	27.52	26.90
	-0.07	-0.04	-0.03	-0.03	0.00	0.03	0.07	0.04	-0.02	0.00	0.00	-0.03	-0.03	0.07	-0.04	-0.11	0.00	0.04	0.30	0.33	0.20	0.14	0.02	0.02
	-4.10	-3.35	-3.48	-3.09	-1.34	-2.82	-3.23	-2.28	-2.59	-3.80	-3.91	-3.21	-4.19	-4.44	-3.92	-4.92	-3.12	-3.04	-6.24	-5.93	-4.58	-4.45	-3.14	-3.72
ONEIDA____115KV_TB4 55905	18.93	16.52	16.25	15.44	14.96	18.60	20.17	22.05	25.00	28.89	30.15	30.13	35.97	37.45	37.74	40.31	33.79	41.70	41.49	40.29	35.49	29.87	26.46	25.33
	0.30	0.28	0.29	0.27	0.29	0.37	0.44	0.45	0.47	0.57	0.59	0.57	0.74	0.84	0.78	0.76	0.67	0.84	1.01	1.03	0.82	0.65	0.51	0.51
	-1.99	-1.75	-1.70	-1.51	-0.80	-1.28	-1.26	-1.10	-1.07	-1.35	-1.33	-1.21	-1.48	-1.55	-1.47	-1.69	-2.72	-2.50	-3.11	-2.64	-1.89	-2.02	-1.59	-1.66

ONONDAGA_REF_OCCRA 23987	18.48 0.12 -1.73	16.25 0.09 -1.67	15.83 0.07 -1.49	15.06 0.08 -1.31	14.83 0.07 -0.89	18.04 0.10 -0.99	19.60 0.13 -1.00	21.65 0.08 -1.08	24.36 0.05 -0.84	27.78 0.03 -0.78	28.98 0.08 -0.67	29.19 0.06 -0.78	34.63 0.17 -0.71	35.98 0.18 -0.75	36.27 0.07 -0.71	38.76 0.08 -0.81	34.33 0.00 -3.92	41.89 0.04 -3.51	40.54 0.00 -3.17	38.89 0.00 -2.28	33.98 0.00 -1.20	28.72 -0.03 -1.56	25.76 -0.05 -1.45	24.46 0.07 -1.23
ONONDAGA___COGEN 23986	18.45 0.17 -1.65	16.22 0.14 -1.58	15.82 0.13 -1.42	15.04 0.12 -1.25	14.83 0.11 -0.84	18.05 0.15 -0.95	19.63 0.20 -0.96	21.68 0.16 -1.02	24.39 0.12 -0.80	27.89 0.16 -0.76	29.08 0.20 -0.66	29.28 0.17 -0.75	34.72 0.27 -0.70	36.07 0.28 -0.74	36.33 0.14 -0.70	38.86 0.19 -0.80	34.18 0.09 -3.68	41.79 0.15 -3.29	40.48 0.11 -3.00	38.86 0.07 -2.17	34.00 0.07 -1.16	28.73 0.05 -1.49	25.76 0.02 -1.38	24.48 0.14 -1.18
ONTARIO___LFGE 23819	18.41 0.42 -1.36	16.34 0.36 -1.48	15.79 0.34 -1.18	15.06 0.34 -1.05	15.09 0.32 -0.89	18.02 0.41 -0.67	19.67 0.50 -0.71	22.00 0.53 -0.97	24.66 0.61 -0.58	27.93 0.73 -0.23	29.04 0.76 -0.05	29.44 0.74 -0.34	34.86 1.11 0.00	36.15 1.09 0.00	36.30 0.82 0.00	38.70 0.83 0.00	35.63 0.55 -4.68	43.19 0.73 -4.12	41.07 0.71 -2.99	39.10 0.69 -1.79	33.95 0.66 -0.51	28.91 0.68 -1.04	26.11 0.54 -1.22	24.54 0.60 -0.78
ORANGEVILLE_WT_PWR 323706	18.64 0.28 -1.73	16.66 0.29 -1.88	16.04 0.27 -1.50	15.26 0.26 -1.34	15.23 0.22 -1.13	18.01 0.19 -0.88	19.41 0.02 -0.92	21.69 -0.08 -1.28	24.26 0.02 -0.76	27.33 0.05 -0.30	28.21 -0.08 -0.07	28.58 -0.23 -0.45	34.45 0.71 0.00	35.62 0.56 0.00	35.59 0.11 0.00	37.87 0.00 0.00	36.20 -0.33 -6.13	43.20 -0.54 -5.39	40.76 -0.52 -3.91	38.67 -0.29 -2.35	33.15 -0.30 -0.67	28.52 -0.03 -1.36	26.03 0.07 -1.60	24.55 0.37 -1.02
ORANGEVILLE___ESR 323794	18.64 0.28 -1.73	16.66 0.29 -1.88	16.04 0.27 -1.50	15.26 0.26 -1.34	15.23 0.22 -1.13	18.01 0.19 -0.88	19.41 0.02 -0.92	21.69 -0.08 -1.28	24.26 0.02 -0.76	27.33 0.05 -0.30	28.21 -0.08 -0.07	28.58 -0.23 -0.45	34.45 0.71 0.00	35.62 0.56 0.00	35.59 0.11 0.00	37.87 0.00 0.00	36.20 -0.33 -6.13	43.20 -0.54 -5.39	40.76 -0.52 -3.91	38.67 -0.29 -2.35	33.15 -0.30 -0.67	28.52 -0.03 -1.36	26.03 0.07 -1.60	24.55 0.37 -1.02
OSWEGATCHIE___HYD 24044	-15.82 -1.66 30.79	-10.00 -1.44 23.06	-13.19 -1.38 26.07	-10.00 -1.34 22.32	-3.22 -1.33 15.76	-10.00 -1.56 25.39	-1.00 -1.66 17.81	-1.00 -1.91 19.59	-1.00 -2.32 22.14	-1.00 -2.72 25.25	-1.00 -2.82 26.40	-1.00 -2.92 26.44	-1.00 -3.61 31.13	-1.00 -3.61 32.45	-0.75 -3.83 32.40	-1.00 -4.13 34.74	-1.00 -3.80 28.30	-1.00 -3.33 35.55	-1.00 -3.11 35.04	-3.91 -2.92 37.42	-6.68 -2.47 36.54	-9.43 -2.47 34.14	-0.90 -2.39 22.87	-7.82 -2.22 28.76
OSWEGO___5 23606	17.24 -0.13 -0.74	15.18 -0.12 -0.80	14.79 -0.11 -0.64	14.12 -0.11 -0.57	14.23 -0.13 -0.48	17.15 -0.15 -0.36	18.70 -0.15 -0.38	20.75 -0.27 -0.53	23.41 -0.38 -0.32	26.66 -0.43 -0.13	27.80 -0.45 -0.03	28.06 -0.48 -0.19	33.20 -0.54 0.00	34.49 -0.56 0.00	34.81 -0.68 0.00	37.15 -0.72 0.00	32.35 -0.58 -2.53	39.84 -0.73 -2.22	38.27 -0.71 -1.61	36.89 -0.70 -0.97	32.47 -0.59 -0.27	27.23 -0.52 -0.56	24.58 -0.44 -0.66	23.33 -0.25 -0.42
OSWEGO___6 23613	17.24 -0.13 -0.74	15.18 -0.12 -0.80	14.79 -0.11 -0.64	14.12 -0.11 -0.57	14.23 -0.13 -0.48	17.15 -0.15 -0.36	18.70 -0.15 -0.38	20.75 -0.27 -0.53	23.41 -0.38 -0.32	26.66 -0.43 -0.13	27.80 -0.45 -0.03	28.06 -0.48 -0.19	33.20 -0.54 0.00	34.49 -0.56 0.00	34.81 -0.68 0.00	37.15 -0.72 0.00	32.35 -0.58 -2.53	39.84 -0.73 -2.22	38.27 -0.71 -1.61	36.89 -0.70 -0.97	32.47 -0.59 -0.27	27.23 -0.52 -0.56	24.58 -0.44 -0.66	23.33 -0.25 -0.42
OUTOKUMPU-AB___DRP 24206	18.52 0.42 -1.47	16.51 0.42 -1.60	15.91 0.37 -1.27	15.13 0.33 -1.14	15.13 0.29 -0.96	17.87 0.17 -0.76	19.23 -0.04 -0.80	21.37 -0.23 -1.10	24.03 -0.09 -0.66	27.13 -0.11 -0.26	28.00 -0.28 -0.06	28.27 -0.48 -0.39	33.95 0.20 0.00	34.95 -0.11 0.00	34.95 -0.53 0.00	37.03 -0.83 0.00	34.94 -0.76 -5.30	41.90 -1.11 -4.66	39.63 -1.12 -3.38	37.88 -0.77 -2.03	32.60 -0.75 -0.58	28.04 -0.33 -1.18	25.62 -0.12 -1.38	24.36 0.32 -0.88
OXBOW___ 24026	18.41 0.32 -1.46	16.43 0.35 -1.59	15.84 0.31 -1.26	15.05 0.26 -1.13	15.04 0.21 -0.96	17.73 0.03 -0.75	19.04 -0.22 -0.79	21.14 -0.45 -1.10	23.77 -0.35 -0.66	26.83 -0.40 -0.26	27.63 -0.65 -0.06	27.92 -0.82 -0.39	33.51 -0.23 0.00	34.57 -0.49 0.00	34.46 -1.03 0.00	36.54 -1.33 0.00	34.58 -1.09 -5.27	41.49 -1.50 -4.63	39.24 -1.50 -3.36	37.46 -1.17 -2.02	32.21 -1.15 -0.57	27.68 -0.68 -1.17	25.34 -0.39 -1.38	24.15 0.12 -0.87
OXY_CHEM_DSASP 323612	18.18 0.10 -1.44	16.21 0.14 -1.57	15.63 0.11 -1.25	14.85 0.07 -1.12	14.85 0.03 -0.95	17.46 -0.24 -0.75	18.76 -0.50 -0.79	20.80 -0.78 -1.09	23.39 -0.73 -0.65	26.37 -0.86 -0.26	27.18 -1.10 -0.06	27.38 -1.36 -0.39	32.83 -0.91 0.00	33.76 -1.30 0.00	33.75 -1.74 0.00	35.78 -2.08 0.00	34.00 -1.64 -5.24	40.81 -2.15 -4.61	38.55 -2.17 -3.34	36.79 -1.83 -2.00	31.68 -1.67 -0.57	27.18 -1.17 -1.16	24.90 -0.83 -1.37	23.78 -0.25 -0.87
OZONE_PARK_ESR 323760	26.79 0.90 -9.26	25.37 0.78 -10.09	23.03 0.73 -8.03	21.50 0.67 -7.17	20.63 0.68 -6.08	22.32 0.83 -4.55	24.23 0.98 -4.78	28.68 1.39 -6.80	29.43 1.78 -4.18	30.97 2.10 -1.89	30.89 2.12 -0.55	33.14 2.27 -2.52	36.98 2.67 -0.57	37.90 2.84 0.00	38.67 3.16 -0.02	41.59 3.41 -0.31	67.92 2.98 -34.54	72.73 3.76 -30.62	63.30 3.51 -22.42	53.17 3.26 -13.29	38.75 2.52 -3.45	36.97 2.23 -7.55	35.02 1.92 -8.74	30.02 1.41 -5.44
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	18.18 0.10 -1.44	16.21 0.14 -1.57	15.63 0.11 -1.25	14.85 0.07 -1.12	14.85 0.03 -0.95	17.46 -0.24 -0.75	18.76 -0.50 -0.79	20.80 -0.78 -1.09	23.39 -0.73 -0.65	26.37 -0.86 -0.26	27.18 -1.10 -0.06	27.38 -1.36 -0.39	32.83 -0.91 0.00	33.76 -1.30 0.00	33.75 -1.74 0.00	35.78 -2.08 0.00	34.00 -1.64 -5.24	40.81 -2.15 -4.61	38.55 -2.17 -3.34	36.79 -1.83 -2.00	31.68 -1.67 -0.57	27.18 -1.17 -1.16	24.90 -0.83 -1.37	23.78 -0.25 -0.87
PACKARD__115KV_DUPONT_184 80571	18.18 0.10 -1.44	16.21 0.14 -1.57	15.63 0.11 -1.25	14.85 0.07 -1.12	14.85 0.03 -0.95	17.46 -0.24 -0.75	18.76 -0.50 -0.79	20.80 -0.78 -1.09	23.39 -0.73 -0.65	26.37 -0.86 -0.26	27.18 -1.10 -0.06	27.38 -1.36 -0.39	32.83 -0.91 0.00	33.76 -1.30 0.00	33.75 -1.74 0.00	35.78 -2.08 0.00	34.00 -1.64 -5.24	40.81 -2.15 -4.61	38.55 -2.17 -3.34	36.79 -1.83 -2.00	31.68 -1.67 -0.57	27.18 -1.17 -1.16	24.90 -0.83 -1.37	23.78 -0.25 -0.87
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	26.78 0.88 -9.27	25.33 0.74 -10.10	22.98 0.67 -8.04	21.47 0.63 -7.17	20.60 0.64 -6.09	22.27 0.78 -4.55	24.10 0.85 -4.78	28.48 1.19 -6.80	29.08 1.43 -4.18	30.78 1.91 -1.89	30.69 1.92 -0.55	32.92 2.04 -2.52	36.51 2.19 -0.57	37.65 2.59 0.00	38.42 2.91 -0.02	41.22 3.03 -0.32	67.57 2.61 -34.55	72.28 3.30 -30.63	62.82 3.03 -22.43	52.74 2.82 -13.30	38.36 2.13 -3.45	36.76 2.01 -7.55	34.88 1.78 -8.75	29.93 1.32 -5.45

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	26.88 0.98 -9.27	25.42 0.83 -10.10	23.08 0.77 -8.04	21.53 0.70 -7.17	20.68 0.72 -6.09	22.41 0.92 -4.55	24.34 1.09 -4.78	28.74 1.46 -6.80	29.38 1.74 -4.18	31.13 2.27 -1.89	31.03 2.26 -0.55	33.26 2.38 -2.52	36.98 2.67 -0.57	38.11 3.05 0.00	38.84 3.34 -0.02	41.71 3.52 -0.32	68.02 3.07 -34.55	72.85 3.87 -30.63	63.39 3.59 -22.43	53.29 3.37 -13.30	38.78 2.56 -3.45	37.14 2.39 -7.55	35.20 2.09 -8.75	30.23 1.62 -5.45
PATROON__115KV_TB1 80586	28.33 0.27 -11.43	27.19 0.23 -12.46	24.41 0.23 -9.92	22.73 0.22 -8.85	21.62 0.24 -7.51	22.83 0.27 -5.61	24.65 0.28 -5.90	28.89 0.43 -7.97	28.75 0.61 -4.67	29.32 0.73 -1.62	29.22 0.79 -0.21	31.80 0.74 -2.71	33.96 0.78 0.56	35.86 0.81 0.00	36.49 1.03 0.02	38.73 1.17 0.31	67.73 0.91 -36.41	71.22 1.07 -31.80	61.29 1.05 -22.87	51.46 0.99 -13.86	37.99 0.95 -4.25	36.10 0.71 -8.21	34.74 0.58 -9.80	29.87 0.39 -6.31
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	18.32 0.08 -1.60	16.34 0.10 -1.75	15.71 0.06 -1.39	14.94 0.04 -1.24	14.94 0.01 -1.05	17.67 -0.10 -0.82	19.02 -0.31 -0.87	21.26 -0.43 -1.20	23.86 -0.33 -0.72	26.91 -0.35 -0.28	27.83 -0.45 -0.06	28.16 -0.62 -0.42	34.96 1.21 0.00	36.07 1.02 0.00	36.13 0.64 0.00	38.32 0.45 0.00	35.48 -0.67 -5.74	42.40 -1.00 -5.05	40.03 -1.01 -3.67	38.08 -0.73 -2.20	32.68 -0.72 -0.62	28.03 -0.44 -1.28	25.59 -0.27 -1.50	24.14 0.02 -0.95
PAWLING_115_KV_BK3_REV_LBMP_H 345028	26.71 0.72 -9.36	25.34 0.64 -10.21	23.00 0.61 -8.12	21.50 0.59 -7.25	20.59 0.57 -6.15	22.24 0.69 -4.60	24.08 0.78 -4.84	28.46 1.13 -6.84	29.09 1.43 -4.19	30.56 1.73 -1.86	30.55 1.81 -0.52	32.80 1.93 -2.52	36.80 2.56 -0.49	37.90 2.84 0.00	38.59 3.09 -0.02	41.47 3.33 -0.27	67.69 2.83 -34.46	72.56 3.64 -30.57	63.20 3.48 -22.36	53.08 3.19 -13.28	38.66 2.39 -3.48	36.73 1.98 -7.56	34.71 1.58 -8.78	29.80 1.16 -5.48
PEEKSKILL____ 23653	26.38 0.58 -9.16	24.99 0.51 -9.99	22.70 0.49 -7.95	21.21 0.45 -7.09	20.35 0.46 -6.02	22.00 0.56 -4.50	23.85 0.65 -4.73	28.18 0.96 -6.72	28.85 1.24 -4.13	30.30 1.46 -1.87	30.26 1.49 -0.54	32.49 1.64 -2.49	36.26 1.96 -0.56	37.16 2.10 0.00	37.89 2.38 -0.02	40.75 2.58 -0.31	66.78 2.22 -34.16	71.43 2.80 -30.28	62.19 2.65 -22.17	52.18 2.42 -13.15	38.09 1.90 -3.41	36.29 1.63 -7.46	34.37 1.36 -8.65	29.50 0.95 -5.38
PGE MADISON__WINDPWR 24146	20.65 1.23 -2.79	18.66 1.13 -3.04	17.84 1.16 -2.42	16.91 1.09 -2.16	16.86 1.15 -1.83	19.78 1.46 -1.37	21.56 1.64 -1.45	24.27 1.78 -2.00	26.57 1.90 -1.20	29.61 2.16 -0.47	30.50 2.17 -0.10	31.22 2.15 -0.71	36.58 2.83 0.00	38.07 3.02 0.00	38.29 2.80 0.00	40.67 2.80 0.00	42.31 2.31 -9.60	49.82 3.03 -8.44	46.93 3.44 -6.13	43.77 3.48 -3.67	36.78 2.95 -1.04	31.71 2.39 -2.13	28.84 1.97 -2.51	26.63 1.88 -1.59
PIERCEFIELD__HYD 23852	-6.67 -2.59 20.71	-4.51 -2.25 16.75	-5.46 -2.20 17.54	-4.22 -2.09 15.79	-1.00 -2.08 12.79	-3.79 -2.46 18.28	-3.50 -2.66 19.31	-1.00 -2.99 18.50	-1.00 -3.61 20.85	0.10 -4.15 22.72	0.10 -4.37 23.75	0.20 -4.45 23.71	3.71 -5.47 24.56	3.23 -5.57 26.26	8.02 -5.64 21.82	2.27 -6.13 29.46	0.20 -4.77 25.43	0.10 -5.87 32.38	-1.00 -5.38 32.99	-1.00 -5.20 32.42	3.37 -4.82 24.60	0.20 -4.02 22.97	5.31 -3.68 15.37	0.25 -3.57 19.35
PINELAWN_CC_1 323563	31.32 1.28 -13.41	26.36 1.12 -10.75	24.37 1.08 -9.02	21.84 1.01 -7.17	21.00 1.04 -6.09	25.49 1.25 -7.29	27.08 1.39 -7.22	29.05 1.76 -6.80	29.87 2.21 -4.20	32.07 2.53 -2.57	35.03 2.48 -4.32	36.26 2.66 -5.24	39.65 2.87 -3.04	43.66 2.84 -5.76	66.97 2.98 -28.50	63.73 3.22 -22.64	79.41 2.62 -46.39	89.22 3.22 -47.65	77.49 3.03 -37.10	57.56 2.82 -18.12	44.24 2.52 -8.94	39.36 2.34 -9.83	39.07 2.34 -12.37	35.18 1.83 -10.19
PJM_GEN_HTP_PROXY 323702	26.59 0.70 -9.26	25.18 0.59 -10.09	22.86 0.56 -8.03	21.35 0.52 -7.17	20.48 0.53 -6.08	22.13 0.64 -4.55	24.04 0.79 -4.78	28.46 1.17 -6.80	29.15 1.50 -4.18	30.64 1.78 -1.89	30.58 1.81 -0.55	32.83 1.96 -2.52	36.61 2.30 -0.57	37.47 2.42 0.00	38.24 2.73 -0.02	41.14 2.96 -0.31	67.50 2.55 -34.54	72.19 3.22 -30.62	62.78 2.99 -22.42	52.62 2.71 -13.29	38.39 2.16 -3.45	36.61 1.87 -7.55	34.68 1.58 -8.74	29.76 1.16 -5.44
PJM_GEN_KEystone 24065	22.59 0.25 -5.71	20.96 0.25 -6.22	19.43 0.21 -4.95	18.27 0.19 -4.42	17.80 0.18 -3.75	19.93 0.17 -2.82	21.56 0.13 -2.96	24.93 0.25 -4.19	26.46 0.42 -2.57	28.60 0.49 -1.14	28.99 0.45 -0.32	30.29 0.48 -1.45	34.86 1.11 0.00	35.85 1.12 0.33	36.28 1.06 0.27	38.96 1.10 0.01	51.21 0.73 -20.07	56.72 0.88 -17.49	50.74 0.79 -12.58	44.32 0.77 -6.93	35.13 0.56 -1.79	32.14 0.54 -4.41	30.01 0.51 -5.14	26.91 0.39 -3.35
PJM_GEN_NEPTUNE_PROXY 323594	30.99 0.95 -13.41	26.07 0.83 -10.75	24.09 0.80 -9.02	21.58 0.75 -7.17	20.74 0.78 -6.09	25.15 0.91 -7.29	26.72 1.03 -7.22	28.66 1.37 -6.80	29.42 1.76 -4.20	31.56 2.02 -2.57	34.46 1.95 -4.29	35.49 2.13 -5.01	36.85 2.53 -0.57	38.55 2.59 -0.90	63.00 2.84 -24.67	59.13 3.07 -18.20	67.45 2.49 -34.55	72.05 3.07 -30.63	62.63 2.84 -22.43	52.59 2.67 -13.30	38.72 2.36 -3.58	36.80 2.07 -7.55	36.15 1.85 -9.94	34.74 1.39 -10.19
PJM_GEN_VFT_PROXY 323633	26.51 0.62 -9.26	25.11 0.52 -10.09	22.79 0.49 -8.03	21.28 0.45 -7.17	20.41 0.46 -6.08	22.05 0.56 -4.55	23.97 0.72 -4.78	28.39 1.11 -6.80	29.08 1.43 -4.18	30.54 1.67 -1.89	30.44 1.66 -0.55	31.36 1.79 -1.22	32.08 2.06 3.72	32.47 2.17 4.76	33.92 2.48 4.05	34.15 2.69 6.41	52.21 2.37 -19.43	54.41 2.95 -13.11	46.78 2.73 -6.68	35.34 2.49 3.77	33.25 1.90 1.44	33.25 1.69 -4.38	31.29 1.46 -5.47	29.62 1.02 -5.44
PLATSBRG_115KV_PMLD1 355749	0.34 -2.78 13.51	1.07 -2.35 11.07	0.54 -2.28 11.44	1.15 -2.12 10.40	1.13 -2.07 10.67	1.37 -2.37 13.20	2.42 -2.57 13.48	2.99 -2.85 14.66	4.06 -3.22 16.19	7.85 -3.59 15.53	8.40 -3.58 16.24	7.06 -3.57 17.73	13.00 -4.25 16.50	13.04 -4.31 17.70	16.92 -4.29 14.27	13.14 -4.73 19.99	4.55 -3.77 22.09	4.70 -4.79 28.85	10.07 -4.63 22.67	10.06 -4.54 22.02	13.00 -3.70 16.07	9.02 -3.18 14.99	11.56 -2.78 10.02	7.80 -2.73 12.63
PLEASANTVLY__LBMP 24000	26.80 0.52 -9.65	25.46 0.45 -10.52	23.08 0.44 -8.37	21.56 0.42 -7.47	20.63 0.42 -6.34	22.19 0.51 -4.74	24.01 0.55 -4.98	28.41 0.82 -7.10	28.92 1.08 -4.38	30.21 1.24 -2.00	30.08 1.27 -0.59	32.39 1.39 -2.64	36.01 1.62 -0.64	36.78 1.72 0.00	37.43 1.92 -0.02	40.30 2.08 -0.35	68.47 1.82 -36.24	72.80 2.30 -32.15	63.05 2.13 -23.55	52.55 1.98 -13.95	37.98 1.61 -3.59	36.46 1.36 -7.91	34.65 1.14 -9.15	29.66 0.81 -5.69
PLSNTVLE_13_KV_13.8KVDIST 80602	26.64 0.68 -9.33	25.24 0.58 -10.17	22.92 0.56 -8.09	21.40 0.52 -7.22	20.53 0.53 -6.12	22.17 0.64 -4.58	24.01 0.72 -4.82	28.38 1.05 -6.85	29.04 1.36 -4.21	30.47 1.59 -1.91	30.41 1.64 -0.55	32.68 1.79 -2.54	36.45 2.13 -0.57	37.34 2.28 0.00	38.03 2.52 -0.02	40.91 2.73 -0.32	67.60 2.40 -34.80	72.19 2.99 -30.85	62.80 2.84 -22.59	52.61 2.60 -13.39	38.29 2.03 -3.47	36.53 1.74 -7.60	34.62 1.46 -8.81	29.71 1.07 -5.48

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	26.64 0.68 -9.33	25.24 0.58 -10.17	22.92 0.56 -8.09	21.40 0.52 -7.22	20.53 0.53 -6.12	22.17 0.64 -4.58	24.01 0.72 -4.82	28.38 1.05 -6.85	29.04 1.36 -4.21	30.47 1.59 -1.91	30.41 1.64 -0.55	32.68 1.79 -2.54	36.45 2.13 -0.57	37.34 2.28 0.00	38.03 2.52 -0.02	40.91 2.73 -0.32	67.60 2.40 -34.80	72.19 2.99 -30.85	62.80 2.84 -22.59	52.61 2.60 -13.39	38.29 2.03 -3.47	36.53 1.74 -7.60	34.62 1.46 -8.81	29.71 1.07 -5.48
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	26.74 0.63 -9.47	25.37 0.55 -10.32	23.01 0.53 -8.21	21.50 0.51 -7.33	20.59 0.50 -6.22	22.22 0.63 -4.65	24.04 0.68 -4.89	28.17 0.96 -6.72	28.64 1.15 -4.02	29.87 1.35 -1.55	29.91 1.38 -0.30	32.20 1.47 -2.36	35.42 1.79 0.11	37.02 1.96 0.00	37.65 2.16 0.00	40.19 2.39 0.06	64.57 2.16 -32.01	69.15 2.80 -28.00	60.30 2.65 -20.28	51.26 2.45 -12.19	38.27 1.97 -3.52	35.93 1.63 -7.11	34.14 1.39 -8.39	29.52 1.02 -5.34
POLETTI____ 23519	26.61 0.72 -9.26	25.21 0.62 -10.09	22.87 0.57 -8.03	21.36 0.53 -7.17	20.48 0.53 -6.08	22.15 0.66 -4.55	24.03 0.78 -4.78	28.46 1.17 -6.80	29.15 1.50 -4.18	30.64 1.78 -1.89	30.55 1.78 -0.55	32.80 1.93 -2.52	36.54 2.23 -0.57	37.44 2.38 0.00	38.17 2.66 -0.02	41.06 2.88 -0.31	67.47 2.52 -34.54	72.15 3.18 -30.62	62.74 2.95 -22.42	52.59 2.67 -13.29	38.29 2.07 -3.45	36.59 1.85 -7.55	34.68 1.58 -8.74	29.74 1.13 -5.44
POMONA____ESR 323819	26.13 0.57 -8.93	24.71 0.48 -9.74	22.47 0.46 -7.75	21.00 0.42 -6.91	20.20 0.46 -5.87	21.86 0.53 -4.39	23.71 0.63 -4.61	27.96 0.92 -6.55	28.69 1.20 -4.02	30.13 1.35 -1.81	30.13 1.38 -0.52	32.31 1.53 -2.42	36.12 1.85 -0.53	37.09 2.03 0.00	37.78 2.27 -0.02	40.66 2.50 -0.29	65.77 2.16 -33.20	70.50 2.72 -29.43	61.45 2.54 -21.54	51.70 2.31 -12.78	37.94 1.83 -3.32	36.00 1.55 -7.26	34.09 1.31 -8.41	29.31 0.90 -5.24
PORT_JEFF_3 23555	31.44 1.40 -13.41	26.46 1.22 -10.75	24.47 1.18 -9.02	21.92 1.09 -7.17	21.10 1.14 -6.09	25.61 1.37 -7.29	27.20 1.51 -7.22	29.11 1.82 -6.80	29.92 2.25 -4.20	32.18 2.64 -2.57	35.51 2.63 -4.66	40.10 2.70 -9.05	51.41 3.10 -14.56	124.25 3.12 -86.07	130.58 3.23 -91.86	137.41 3.45 -96.10	275.08 2.74 -241.94	370.61 3.41 -328.85	320.01 3.14 -279.50	137.41 3.00 -97.79	132.94 2.72 -97.44	77.14 2.45 -47.50	50.33 2.29 -23.69	35.35 1.92 -10.27
PORT_JEFF_4 23616	31.44 1.40 -13.41	26.46 1.22 -10.75	24.47 1.18 -9.02	21.92 1.09 -7.17	21.10 1.14 -6.09	25.61 1.37 -7.29	27.20 1.51 -7.22	29.11 1.82 -6.80	29.92 2.25 -4.20	32.18 2.64 -2.57	35.51 2.63 -4.66	40.10 2.70 -9.05	51.41 3.10 -14.56	124.25 3.12 -86.07	130.58 3.23 -91.86	137.41 3.45 -96.10	275.08 2.74 -241.94	370.61 3.41 -328.85	320.01 3.14 -279.50	137.41 3.00 -97.79	132.94 2.72 -97.44	77.14 2.45 -47.50	50.33 2.29 -23.69	35.35 1.92 -10.27
PORT_JEFF_IC 23713	31.49 1.45 -13.41	26.51 1.26 -10.75	24.53 1.24 -9.02	21.96 1.13 -7.17	21.14 1.18 -6.09	25.66 1.42 -7.29	27.26 1.57 -7.22	29.14 1.85 -6.80	29.94 2.28 -4.20	32.24 2.70 -2.57	35.53 2.65 -4.65	40.22 2.78 -9.09	52.68 3.24 -15.70	125.35 3.19 -87.10	131.54 3.37 -92.68	138.50 3.60 -97.04	277.69 2.86 -244.43	374.34 3.57 -332.42	323.24 3.29 -282.58	138.54 3.11 -98.81	134.17 2.82 -98.57	77.67 2.50 -47.98	51.59 2.44 -24.80	35.46 2.01 -10.28
PPL PILGRIM_ST_GT1 24216	31.46 1.41 -13.41	26.49 1.25 -10.75	24.49 1.20 -9.02	21.95 1.12 -7.17	21.13 1.17 -6.09	25.64 1.41 -7.29	27.24 1.55 -7.22	29.20 1.91 -6.80	30.03 2.37 -4.20	32.32 2.78 -2.57	35.31 2.71 -4.38	37.23 2.92 -5.95	55.02 3.44 -17.83	59.00 3.26 -20.68	79.24 3.48 -40.28	77.91 3.75 -36.29	116.14 3.01 -82.72	141.86 3.60 -99.90	122.88 3.36 -82.14	72.69 3.15 -32.92	60.98 2.82 -25.38	46.49 2.47 -16.83	53.78 2.51 -26.92	35.36 1.99 -10.20
PPL PILGRIM_ST_GT2 24217	31.46 1.41 -13.41	26.49 1.25 -10.75	24.49 1.20 -9.02	21.95 1.12 -7.17	21.13 1.17 -6.09	25.64 1.41 -7.29	27.24 1.55 -7.22	29.20 1.91 -6.80	30.03 2.37 -4.20	32.32 2.78 -2.57	35.31 2.71 -4.38	37.23 2.92 -5.95	55.02 3.44 -17.83	59.00 3.26 -20.68	79.24 3.48 -40.28	77.91 3.75 -36.29	116.14 3.01 -82.72	141.86 3.60 -99.90	122.88 3.36 -82.14	72.69 3.15 -32.92	60.98 2.82 -25.38	46.49 2.47 -16.83	53.78 2.51 -26.92	35.36 1.99 -10.20
PPL_SHRM_GT3 24213	31.68 1.63 -13.41	26.67 1.42 -10.75	24.67 1.38 -9.02	22.10 1.27 -7.17	21.28 1.32 -6.09	25.83 1.59 -7.29	27.46 1.77 -7.22	29.40 2.11 -6.80	30.27 2.60 -4.20	32.64 3.10 -2.57	35.98 3.10 -4.65	40.65 3.29 -9.00	52.43 3.91 -14.77	124.25 4.03 -85.16	130.92 4.29 -91.15	137.75 4.62 -95.26	273.86 3.74 -239.72	368.68 4.68 -325.65	318.53 4.41 -276.75	137.67 4.17 -96.88	132.95 3.74 -96.43	77.47 3.21 -47.07	51.10 2.85 -23.89	35.77 2.34 -10.27
PPL_SHRM_GT4 24214	31.68 1.63 -13.41	26.67 1.42 -10.75	24.67 1.38 -9.02	22.10 1.27 -7.17	21.28 1.32 -6.09	25.83 1.59 -7.29	27.46 1.77 -7.22	29.40 2.11 -6.80	30.27 2.60 -4.20	32.64 3.10 -2.57	35.98 3.10 -4.65	40.65 3.29 -9.00	52.43 3.91 -14.77	124.25 4.03 -85.16	130.92 4.29 -91.15	137.75 4.62 -95.26	273.86 3.74 -239.72	368.68 4.68 -325.65	318.53 4.41 -276.75	137.67 4.17 -96.88	132.95 3.74 -96.43	77.47 3.21 -47.07	51.10 2.85 -23.89	35.77 2.34 -10.27
PROJECT___ORANGE 1 24174	18.34 0.08 -1.63	16.09 0.07 -1.53	15.72 0.06 -1.39	14.96 0.07 -1.23	14.72 0.06 -0.80	17.97 0.07 -0.96	19.54 0.11 -0.96	21.52 0.04 -0.98	24.25 -0.02 -0.81	27.76 -0.03 -0.82	28.96 0.00 -0.73	29.12 -0.03 -0.79	34.60 0.07 -0.79	35.92 0.04 -0.83	36.21 -0.07 -0.79	38.70 -0.08 -0.90	33.65 -0.09 -3.34	41.23 -0.12 -3.00	40.09 -0.15 -2.87	38.57 -0.18 -2.14	33.84 -0.16 -1.22	28.56 -0.14 -1.50	25.56 -0.15 -1.35	24.36 0.00 -1.20
PROJECT___ORANGE 2 24166	18.34 0.08 -1.63	16.09 0.07 -1.53	15.72 0.06 -1.39	14.96 0.07 -1.23	14.72 0.06 -0.80	17.97 0.07 -0.96	19.54 0.11 -0.96	21.52 0.04 -0.98	24.25 -0.02 -0.81	27.76 -0.03 -0.82	28.96 0.00 -0.73	29.12 -0.03 -0.79	34.60 0.07 -0.79	35.92 0.04 -0.83	36.21 -0.07 -0.79	38.70 -0.08 -0.90	33.65 -0.09 -3.34	41.23 -0.12 -3.00	40.09 -0.15 -2.87	38.57 -0.18 -2.14	33.84 -0.16 -1.22	28.56 -0.14 -1.50	25.56 -0.15 -1.35	24.36 0.00 -1.20
PUCKETT___SOLAR 323809	20.10 0.47 -3.00	18.19 0.42 -3.28	17.29 0.41 -2.61	16.38 0.40 -2.33	16.25 0.40 -1.97	18.92 0.49 -1.48	20.56 0.54 -1.56	23.22 0.57 -2.15	25.39 0.63 -1.29	28.18 0.70 -0.51	29.01 0.68 -0.11	29.77 0.65 -0.76	34.89 1.15 0.00	36.21 1.16 0.00	36.52 1.03 0.00	38.93 1.06 0.00	41.48 0.73 -10.35	48.45 1.00 -9.11	45.10 1.12 -6.61	41.79 1.21 -3.96	34.95 1.05 -1.12	30.36 0.87 -2.30	27.79 0.73 -2.71	25.57 0.69 -1.72
PYRITES___HYD 24023	-5.64 -2.41 19.86	-3.68 -2.09 16.08	-4.58 -2.03 16.82	-3.42 -1.93 15.16	-0.57 -1.90 12.54	-2.99 -2.25 17.68	-2.55 -2.40 18.62	-0.26 -2.71 18.05	-0.10 -3.26 20.31	1.35 -3.75 21.87	1.43 -3.92 22.87	1.41 -3.94 23.00	5.27 -4.86 23.62	4.93 -4.87 25.25	9.62 -4.93 20.93	4.03 -5.49 28.35	1.14 -4.23 25.04	1.13 -5.25 31.97	0.85 -4.75 31.78	0.81 -4.61 31.19	5.02 -4.16 23.59	1.63 -3.53 22.03	6.40 -3.22 14.74	1.46 -3.15 18.56

QUAKERRD_115KV_BK1 80622	17.74 -0.02 -1.12	15.68 -0.03 -1.22	15.21 -0.03 -0.97	14.47 -0.05 -0.87	14.54 -0.07 -0.73	17.35 -0.14 -0.54	18.87 -0.17 -0.57	21.02 -0.27 -0.79	23.64 -0.31 -0.47	26.84 -0.32 -0.19	27.90 -0.37 -0.04	28.21 -0.43 -0.28	33.31 -0.44 0.00	34.50 -0.56 0.00	34.64 -0.85 0.00	36.92 -0.95 0.00	33.51 -0.70 -3.80	40.81 -0.88 -3.35	38.90 -0.90 -2.43	37.23 -0.84 -1.46	32.60 -0.59 -0.41	27.52 -0.52 -0.84	24.94 -0.41 -0.99	23.61 -0.19 -0.63
QUENSBRY_115KV_TB8 356137	29.25 0.90 -11.72	28.02 0.75 -12.77	25.16 0.73 -10.16	23.43 0.70 -9.07	22.30 0.74 -7.69	23.60 0.90 -5.75	25.46 0.94 -6.05	29.84 1.19 -8.16	29.74 1.50 -4.77	30.37 1.75 -1.65	30.01 1.58 -0.20	32.60 1.47 -2.77	34.93 1.79 0.60	37.02 1.96 0.00	37.77 2.31 0.02	40.19 2.65 0.33	69.69 2.10 -37.19	73.31 2.49 -32.47	63.44 2.73 -23.34	53.66 2.89 -14.15	39.99 2.85 -4.36	37.59 2.01 -8.39	35.84 1.46 -10.02	30.85 1.23 -6.46
RAMAPO___LBMP 323565	26.07 0.53 -8.90	24.66 0.46 -9.71	22.43 0.44 -7.72	20.98 0.42 -6.89	20.15 0.43 -5.85	21.83 0.51 -4.37	23.64 0.57 -4.60	27.88 0.86 -6.53	28.60 1.13 -4.01	30.07 1.29 -1.81	30.07 1.33 -0.52	32.24 1.47 -2.41	36.02 1.75 -0.52	36.95 1.89 0.00	37.64 2.13 -0.02	40.46 2.31 -0.29	65.49 2.01 -33.08	70.20 2.53 -29.32	61.18 2.35 -21.46	51.51 2.16 -12.73	37.83 1.74 -3.31	35.89 1.47 -7.23	33.98 1.24 -8.39	29.24 0.86 -5.22
RANKINE____ 23646	18.56 0.37 -1.56	16.55 0.35 -1.71	15.94 0.31 -1.36	15.16 0.29 -1.21	15.15 0.25 -1.03	17.92 0.17 -0.80	19.28 -0.04 -0.85	21.48 -0.18 -1.17	24.12 -0.05 -0.70	27.22 -0.03 -0.28	28.12 -0.17 -0.06	28.40 -0.37 -0.41	34.55 0.81 0.00	35.62 0.56 0.00	35.63 0.14 0.00	37.79 -0.08 0.00	35.57 -0.46 -5.62	42.61 -0.69 -4.95	40.21 -0.75 -3.59	38.33 -0.44 -2.15	32.93 -0.46 -0.61	28.25 -0.19 -1.25	25.80 -0.02 -1.47	24.44 0.35 -0.93
RAVENSWOOD_GT2_1 24244	26.64 0.75 -9.26	25.24 0.65 -10.09	22.90 0.60 -8.03	21.39 0.56 -7.17	20.52 0.57 -6.08	22.19 0.69 -4.55	24.06 0.81 -4.78	28.48 1.19 -6.80	29.17 1.53 -4.18	30.67 1.81 -1.89	30.61 1.83 -0.55	32.86 1.98 -2.52	36.61 2.29 -0.57	37.51 2.45 0.00	38.24 2.73 -0.02	41.10 2.92 -0.31	67.50 2.55 -34.54	72.19 3.22 -30.62	62.78 2.99 -22.42	52.66 2.75 -13.29	38.36 2.13 -3.45	36.64 1.90 -7.55	34.73 1.63 -8.74	29.78 1.18 -5.44
RAVENSWOOD_GT2_2 24245	26.64 0.75 -9.26	25.24 0.65 -10.09	22.90 0.60 -8.03	21.39 0.56 -7.17	20.52 0.57 -6.08	22.19 0.69 -4.55	24.06 0.81 -4.78	28.48 1.19 -6.80	29.17 1.53 -4.18	30.67 1.81 -1.89	30.61 1.83 -0.55	32.86 1.98 -2.52	36.61 2.29 -0.57	37.51 2.45 0.00	38.24 2.73 -0.02	41.10 2.92 -0.31	67.50 2.55 -34.54	72.19 3.22 -30.62	62.78 2.99 -22.42	52.66 2.75 -13.29	38.36 2.13 -3.45	36.64 1.90 -7.55	34.73 1.63 -8.74	29.78 1.18 -5.44
RAVENSWOOD_GT2_3 24246	26.66 0.77 -9.26	25.24 0.65 -10.09	22.91 0.61 -8.03	21.39 0.56 -7.17	20.52 0.57 -6.08	22.19 0.69 -4.55	24.06 0.81 -4.78	28.50 1.21 -6.80	29.20 1.55 -4.18	30.70 1.83 -1.89	30.63 1.86 -0.55	32.86 1.98 -2.52	36.64 2.33 -0.57	37.55 2.49 0.00	38.28 2.77 -0.02	41.13 2.95 -0.31	67.53 2.58 -34.54	72.23 3.26 -30.62	62.82 3.03 -22.42	52.66 2.75 -13.29	38.39 2.16 -3.45	36.64 1.90 -7.55	34.73 1.63 -8.74	29.78 1.18 -5.44
RAVENSWOOD_GT2_4 24247	26.66 0.77 -9.26	25.24 0.65 -10.09	22.91 0.61 -8.03	21.39 0.56 -7.17	20.52 0.57 -6.08	22.19 0.69 -4.55	24.06 0.81 -4.78	28.50 1.21 -6.80	29.20 1.55 -4.18	30.70 1.83 -1.89	30.63 1.86 -0.55	32.86 1.98 -2.52	36.64 2.33 -0.57	37.55 2.49 0.00	38.28 2.77 -0.02	41.13 2.95 -0.31	67.53 2.58 -34.54	72.23 3.26 -30.62	62.82 3.03 -22.42	52.66 2.75 -13.29	38.39 2.16 -3.45	36.64 1.90 -7.55	34.73 1.63 -8.74	29.78 1.18 -5.44
RAVENSWOOD_GT3_1 24248	26.64 0.75 -9.26	25.24 0.65 -10.09	22.90 0.60 -8.03	21.39 0.56 -7.17	20.52 0.57 -6.08	22.19 0.69 -4.55	24.06 0.81 -4.78	28.48 1.19 -6.80	29.17 1.53 -4.18	30.70 1.83 -1.89	30.61 1.83 -0.55	32.86 1.98 -2.52	36.61 2.29 -0.57	37.51 2.45 0.00	38.24 2.73 -0.02	41.13 2.95 -0.31	67.53 2.58 -34.54	72.19 3.22 -30.62	62.78 2.99 -22.42	52.66 2.75 -13.29	38.36 2.13 -3.45	36.64 1.90 -7.55	34.73 1.63 -8.74	29.78 1.18 -5.44
RAVENSWOOD_GT3_2 24249	26.64 0.75 -9.26	25.24 0.65 -10.09	22.90 0.60 -8.03	21.39 0.56 -7.17	20.52 0.57 -6.08	22.19 0.69 -4.55	24.06 0.81 -4.78	28.48 1.19 -6.80	29.17 1.53 -4.18	30.70 1.83 -1.89	30.61 1.83 -0.55	32.86 1.98 -2.52	36.61 2.29 -0.57	37.51 2.45 0.00	38.24 2.73 -0.02	41.13 2.95 -0.31	67.53 2.58 -34.54	72.19 3.22 -30.62	62.78 2.99 -22.42	52.66 2.75 -13.29	38.36 2.13 -3.45	36.64 1.90 -7.55	34.73 1.63 -8.74	29.78 1.18 -5.44
RAVENSWOOD_GT3_3 24250	26.67 0.78 -9.26	25.25 0.67 -10.09	22.93 0.63 -8.03	21.40 0.57 -7.17	20.54 0.58 -6.08	22.20 0.71 -4.55	24.08 0.83 -4.78	28.52 1.23 -6.80	29.22 1.57 -4.18	30.73 1.86 -1.89	30.66 1.89 -0.55	32.92 2.04 -2.52	36.68 2.36 -0.57	37.58 2.52 0.00	38.31 2.80 -0.02	41.21 3.03 -0.31	67.59 2.65 -34.54	72.27 3.30 -30.62	62.85 3.06 -22.42	52.73 2.82 -13.29	38.42 2.20 -3.45	36.69 1.96 -7.55	34.78 1.68 -8.74	29.83 1.23 -5.44
RAVENSWOOD_GT3_4 24251	26.67 0.78 -9.26	25.25 0.67 -10.09	22.93 0.63 -8.03	21.40 0.57 -7.17	20.54 0.58 -6.08	22.20 0.71 -4.55	24.08 0.83 -4.78	28.52 1.23 -6.80	29.22 1.57 -4.18	30.73 1.86 -1.89	30.66 1.89 -0.55	32.92 2.04 -2.52	36.68 2.36 -0.57	37.58 2.52 0.00	38.31 2.80 -0.02	41.21 3.03 -0.31	67.59 2.65 -34.54	72.27 3.30 -30.62	62.85 3.06 -22.42	52.73 2.82 -13.29	38.42 2.20 -3.45	36.69 1.96 -7.55	34.78 1.68 -8.74	29.83 1.23 -5.44
RAVENSWOOD_GT_1 23729	26.71 0.81 -9.26	25.25 0.67 -10.09	22.91 0.61 -8.03	21.39 0.56 -7.17	20.54 0.58 -6.08	22.19 0.70 -4.55	24.10 0.85 -4.78	28.54 1.25 -6.80	29.22 1.57 -4.18	30.81 1.94 -1.89	30.72 1.95 -0.55	32.94 2.07 -2.52	36.68 2.36 -0.57	37.62 2.56 0.00	38.35 2.84 -0.02	41.14 2.96 -0.31	67.54 2.58 -34.55	72.24 3.26 -30.63	62.79 2.99 -22.43	52.67 2.75 -13.30	38.42 2.20 -3.45	36.72 1.98 -7.55	34.80 1.70 -8.74	29.85 1.25 -5.44
RAVENSWOOD_GT_10 24258	26.64 0.75 -9.26	25.24 0.65 -10.09	22.90 0.60 -8.03	21.39 0.56 -7.17	20.52 0.57 -6.08	22.19 0.69 -4.55	24.06 0.81 -4.78	28.48 1.19 -6.80	29.17 1.53 -4.18	30.67 1.81 -1.89	30.61 1.83 -0.55	32.86 1.98 -2.52	36.61 2.29 -0.57	37.51 2.45 0.00	38.24 2.73 -0.02	41.13 2.95 -0.31	67.53 2.58 -34.54	72.19 3.22 -30.62	62.78 2.99 -22.42	52.66 2.75 -13.29	38.36 2.13 -3.45	36.64 1.90 -7.55	34.73 1.63 -8.74	29.78 1.18 -5.44
RAVENSWOOD_GT_11 24259	26.62 0.73 -9.26	25.21 0.62 -10.09	22.89 0.59 -8.03	21.36 0.53 -7.17	20.51 0.56 -6.08	22.15 0.66 -4.55	24.06 0.81 -4.78	28.48 1.19 -6.80	29.17 1.52 -4.18	30.67 1.81 -1.89	30.61 1.83 -0.55	32.86 1.98 -2.52	36.61 2.30 -0.57	37.51 2.45 0.00	38.24 2.73 -0.02	41.14 2.96 -0.31	67.53 2.58 -34.54	72.19 3.22 -30.62	62.78 2.99 -22.42	52.66 2.75 -13.29	38.39 2.16 -3.45	36.64 1.90 -7.55	34.73 1.63 -8.74	29.78 1.18 -5.44



RAVENSWOOD_GT_4 24252	26.64 0.75 -9.26	25.24 0.65 -10.09	22.90 0.60 -8.03	21.39 0.56 -7.17	20.52 0.57 -6.08	22.19 0.69 -4.55	24.06 0.81 -4.78	28.48 1.19 -6.80	29.17 1.53 -4.18	30.67 1.81 -1.89	30.61 1.83 -0.55	32.83 1.96 -2.52	36.61 2.29 -0.57	37.51 2.45 0.00	38.24 2.73 -0.02	41.13 2.95 -0.31	67.53 2.58 -34.55	72.24 3.26 -30.63	62.82 3.03 -22.43	52.67 2.75 -13.30	38.39 2.16 -3.45	36.61 1.88 -7.55	34.73 1.63 -8.74	29.78 1.18 -5.44
RAVENSWOOD_GT_5 24254	26.64 0.75 -9.26	25.24 0.65 -10.09	22.90 0.60 -8.03	21.39 0.56 -7.17	20.52 0.57 -6.08	22.19 0.69 -4.55	24.06 0.81 -4.78	28.48 1.19 -6.80	29.17 1.53 -4.18	30.67 1.81 -1.89	30.61 1.83 -0.55	32.83 1.96 -2.52	36.61 2.29 -0.57	37.51 2.45 0.00	38.24 2.73 -0.02	41.13 2.95 -0.31	67.53 2.58 -34.55	72.24 3.26 -30.63	62.82 3.03 -22.43	52.67 2.75 -13.30	38.39 2.16 -3.45	36.61 1.88 -7.55	34.73 1.63 -8.74	29.78 1.18 -5.44
RAVENSWOOD_GT_6 24253	26.64 0.75 -9.26	25.24 0.65 -10.09	22.90 0.60 -8.03	21.39 0.56 -7.17	20.52 0.57 -6.08	22.19 0.69 -4.55	24.06 0.81 -4.78	28.48 1.19 -6.80	29.17 1.53 -4.18	30.67 1.81 -1.89	30.61 1.83 -0.55	32.83 1.96 -2.52	36.61 2.29 -0.57	37.51 2.45 0.00	38.24 2.73 -0.02	41.13 2.95 -0.31	67.53 2.58 -34.55	72.24 3.26 -30.63	62.82 3.03 -22.43	52.67 2.75 -13.30	38.39 2.16 -3.45	36.61 1.88 -7.55	34.73 1.63 -8.74	29.78 1.18 -5.44
RAVENSWOOD_GT_7 24255	26.64 0.75 -9.26	25.24 0.65 -10.09	22.90 0.60 -8.03	21.39 0.56 -7.17	20.52 0.57 -6.08	22.19 0.69 -4.55	24.06 0.81 -4.78	28.48 1.19 -6.80	29.17 1.53 -4.18	30.67 1.81 -1.89	30.61 1.83 -0.55	32.83 1.96 -2.52	36.61 2.29 -0.57	37.51 2.45 0.00	38.24 2.73 -0.02	41.13 2.95 -0.31	67.53 2.58 -34.55	72.24 3.26 -30.63	62.82 3.03 -22.43	52.67 2.75 -13.30	38.39 2.16 -3.45	36.61 1.88 -7.55	34.73 1.63 -8.74	29.78 1.18 -5.44
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	26.64 0.75 -9.26	25.24 0.65 -10.09	22.90 0.60 -8.03	21.39 0.56 -7.17	20.52 0.57 -6.08	22.19 0.69 -4.55	24.06 0.81 -4.78	28.48 1.19 -6.80	29.17 1.53 -4.18	30.67 1.81 -1.89	30.61 1.83 -0.55	32.86 1.98 -2.52	36.61 2.29 -0.57	37.51 2.45 0.00	38.24 2.73 -0.02	41.13 2.95 -0.31	67.53 2.58 -34.54	72.19 3.22 -30.62	62.78 2.99 -22.42	52.66 2.75 -13.29	38.36 2.13 -3.45	36.64 1.90 -7.55	34.73 1.63 -8.74	29.78 1.18 -5.44
RAVENSWOOD_GT_9 24257	26.64 0.75 -9.26	25.24 0.65 -10.09	22.90 0.60 -8.03	21.39 0.56 -7.17	20.52 0.57 -6.08	22.19 0.69 -4.55	24.06 0.81 -4.78	28.48 1.19 -6.80	29.17 1.53 -4.18	30.67 1.81 -1.89	30.61 1.83 -0.55	32.86 1.98 -2.52	36.61 2.29 -0.57	37.51 2.45 0.00	38.24 2.73 -0.02	41.13 2.95 -0.31	67.53 2.58 -34.54	72.19 3.22 -30.62	62.78 2.99 -22.42	52.66 2.75 -13.29	38.36 2.13 -3.45	36.64 1.90 -7.55	34.73 1.63 -8.74	29.78 1.18 -5.44
RAVENSWOOD___1 23533	26.69 0.80 -9.26	25.24 0.65 -10.09	22.90 0.60 -8.03	21.38 0.55 -7.17	20.52 0.57 -6.08	22.17 0.68 -4.55	24.08 0.83 -4.78	28.52 1.23 -6.80	29.20 1.55 -4.18	30.78 1.92 -1.89	30.69 1.92 -0.55	32.94 2.07 -2.52	36.68 2.36 -0.57	37.58 2.53 0.00	38.35 2.84 -0.02	41.14 2.96 -0.31	67.53 2.58 -34.54	72.19 3.22 -30.62	62.74 2.95 -22.42	52.66 2.75 -13.29	38.39 2.16 -3.45	36.70 1.96 -7.55	34.80 1.70 -8.74	29.83 1.23 -5.44
RAVENSWOOD___2 23534	26.66 0.77 -9.26	25.21 0.62 -10.09	22.86 0.56 -8.03	21.35 0.52 -7.17	20.49 0.54 -6.08	22.13 0.64 -4.55	24.03 0.78 -4.78	28.46 1.17 -6.80	29.13 1.48 -4.18	30.72 1.86 -1.89	30.63 1.86 -0.55	32.86 1.98 -2.52	36.58 2.26 -0.57	37.51 2.45 0.00	38.24 2.73 -0.02	40.87 2.69 -0.31	67.25 2.31 -34.54	71.88 2.91 -30.62	62.40 2.62 -22.42	52.33 2.42 -13.29	38.29 2.07 -3.45	36.64 1.90 -7.55	34.73 1.63 -8.74	29.78 1.18 -5.44
RAVENSWOOD___3 23535	26.62 0.73 -9.26	25.21 0.62 -10.09	22.89 0.59 -8.03	21.36 0.53 -7.17	20.51 0.56 -6.08	22.17 0.68 -4.55	24.06 0.81 -4.78	28.48 1.19 -6.80	29.17 1.52 -4.18	30.70 1.83 -1.89	30.61 1.83 -0.55	32.86 1.98 -2.52	36.61 2.30 -0.57	37.51 2.45 0.00	38.24 2.73 -0.02	41.14 2.96 -0.31	67.53 2.58 -34.54	72.19 3.22 -30.62	62.78 2.99 -22.42	52.66 2.75 -13.29	38.39 2.16 -3.45	36.64 1.90 -7.55	34.73 1.63 -8.74	29.78 1.18 -5.44
RAVENSWOOD___4 23820	26.67 0.78 -9.26	25.22 0.64 -10.09	22.89 0.59 -8.03	21.36 0.53 -7.17	20.51 0.56 -6.08	22.17 0.68 -4.55	24.06 0.81 -4.78	28.50 1.21 -6.80	29.17 1.52 -4.18	30.75 1.89 -1.89	30.66 1.89 -0.55	32.92 2.04 -2.52	36.64 2.33 -0.57	37.55 2.49 0.00	38.31 2.80 -0.02	41.10 2.92 -0.31	67.49 2.55 -34.53	72.18 3.22 -30.61	62.70 2.92 -22.41	52.61 2.71 -13.29	38.39 2.16 -3.45	36.67 1.93 -7.55	34.78 1.68 -8.74	29.83 1.23 -5.44
RCPL_TRUST___DRP 24196	26.64 0.75 -9.26	25.24 0.65 -10.09	22.90 0.60 -8.03	21.39 0.56 -7.17	20.52 0.57 -6.08	22.19 0.69 -4.55	24.08 0.83 -4.78	28.52 1.23 -6.80	29.22 1.57 -4.18	30.73 1.86 -1.89	30.66 1.89 -0.55	32.92 2.04 -2.52	36.71 2.40 -0.57	37.58 2.52 0.00	38.35 2.84 -0.02	41.25 3.07 -0.31	67.59 2.65 -34.54	72.27 3.30 -30.62	62.89 3.10 -22.42	52.70 2.78 -13.29	38.46 2.23 -3.45	36.67 1.93 -7.55	34.75 1.66 -8.74	29.81 1.20 -5.44
RED___ROCHESTER 323720	18.41 0.62 -1.16	16.27 0.52 -1.26	15.78 0.51 -1.00	15.01 0.45 -0.89	15.05 0.42 -0.76	17.98 0.47 -0.56	19.49 0.43 -0.59	21.70 0.39 -0.82	24.45 0.49 -0.49	27.76 0.59 -0.19	28.83 0.56 -0.04	29.18 0.54 -0.29	34.52 0.78 0.00	35.76 0.70 0.00	35.81 0.32 0.00	38.13 0.27 0.00	34.61 0.27 -3.94	42.16 0.34 -3.46	40.18 0.30 -2.51	38.42 0.29 -1.51	33.70 0.49 -0.43	28.44 0.38 -0.87	25.77 0.39 -1.03	24.44 0.63 -0.65
REGAN___SOLAR 323812	31.51 1.60 -13.28	30.38 1.41 -14.48	27.16 1.37 -11.52	25.27 1.32 -10.28	23.94 1.35 -8.72	25.16 1.69 -6.52	27.54 2.22 -6.86	32.41 2.58 -9.34	31.87 2.89 -5.52	32.01 3.02 -2.02	31.72 3.16 -0.33	34.59 3.00 -3.23	37.15 3.81 0.40	39.02 3.96 0.00	39.80 4.33 0.02	42.60 4.96 0.22	78.05 4.13 -43.51	81.75 5.29 -38.11	70.52 5.64 -27.51	58.74 5.53 -16.60	43.03 5.31 -4.94	40.94 4.00 -9.75	39.03 3.09 -11.58	33.40 2.82 -7.41
RENSSELAER___COGEN 23796	28.10 0.15 -11.31	26.96 0.13 -12.33	24.21 0.13 -9.81	22.54 0.12 -8.76	21.43 0.12 -7.43	22.65 0.15 -5.55	24.46 0.15 -5.84	28.67 0.29 -7.89	28.51 0.42 -4.62	29.09 0.51 -1.61	28.97 0.53 -0.21	31.52 0.48 -2.69	33.61 0.41 0.55	35.48 0.42 0.00	36.07 0.60 0.02	38.29 0.72 0.30	67.03 0.55 -36.07	70.47 0.61 -31.50	60.67 0.63 -22.67	50.97 0.62 -13.73	37.58 0.59 -4.21	35.73 0.41 -8.13	34.47 0.41 -9.70	29.62 0.21 -6.25
REPUBLIC_115KV_BARTNBRK 55605	30.29 1.95 -11.71	28.91 1.65 -12.77	26.02 1.60 -10.16	24.26 1.53 -9.06	23.20 1.64 -7.69	24.64 1.95 -5.75	26.81 2.29 -6.05	31.41 2.77 -8.15	31.59 3.36 -4.77	32.52 3.91 -1.64	32.38 3.95 -0.20	34.81 3.69 -2.77	37.49 4.35 0.60	39.65 4.59 0.00	40.61 5.15 0.02	43.40 5.87 0.33	72.11 4.56 -37.14	76.25 5.48 -32.42	66.47 5.79 -23.31	56.50 5.75 -14.13	43.01 5.87 -4.36	39.84 4.27 -8.38	37.63 3.26 -10.01	32.56 2.94 -6.46

REVERE_CPPR_DRP 24186	19.71 0.30 -2.78	17.12 0.28 -2.35	16.93 0.30 -2.37	16.05 0.29 -2.10	15.20 0.32 -1.01	19.22 0.42 -1.85	21.10 0.52 -2.11	22.62 0.53 -1.60	25.71 0.54 -1.70	29.97 0.65 -2.35	31.28 0.68 -2.38	31.03 0.65 -2.02	37.12 0.84 -2.53	38.73 0.98 -2.69	38.75 0.89 -2.37	41.67 0.83 -2.97	34.09 0.76 -2.93	42.11 1.00 -2.76	43.05 1.23 -4.44	41.85 1.25 -3.99	36.68 1.02 -2.88	30.90 0.79 -2.92	27.14 0.61 -2.17	26.18 0.60 -2.42
REYNOLDS_115KV_TB3 80639	28.23 0.27 -11.33	27.08 0.23 -12.36	24.33 0.23 -9.83	22.65 0.22 -8.77	21.54 0.22 -7.44	22.76 0.25 -5.56	24.58 0.26 -5.85	28.75 0.39 -7.87	28.60 0.54 -4.59	29.17 0.65 -1.55	29.10 0.71 -0.17	31.70 0.68 -2.66	33.81 0.71 0.65	35.79 0.74 0.00	36.38 0.92 0.02	38.57 1.06 0.36	66.87 0.82 -35.65	70.43 1.00 -31.09	60.71 1.01 -22.33	51.12 0.95 -13.55	37.88 0.89 -4.22	35.90 0.65 -8.06	34.56 0.56 -9.64	29.74 0.35 -6.23
RIVERBAY____ 323610	26.88 0.98 -9.27	25.42 0.83 -10.10	23.08 0.77 -8.04	21.53 0.70 -7.17	20.68 0.72 -6.09	22.41 0.92 -4.55	24.34 1.09 -4.78	28.74 1.46 -6.80	29.38 1.74 -4.18	31.13 2.27 -1.89	31.03 2.26 -0.55	33.26 2.38 -2.52	36.98 2.67 -0.57	38.11 3.05 0.00	38.84 3.34 -0.02	41.71 3.52 -0.32	68.02 3.07 -34.55	72.85 3.87 -30.63	63.39 3.59 -22.43	53.29 3.37 -13.30	38.78 2.56 -3.45	37.14 2.39 -7.55	35.20 2.09 -8.75	30.23 1.62 -5.45
RIVERSDE_115KV_TB3 55908	28.23 0.23 -11.36	27.08 0.20 -12.39	24.32 0.20 -9.86	22.65 0.19 -8.79	21.54 0.21 -7.46	22.76 0.24 -5.58	24.56 0.22 -5.87	28.76 0.37 -7.90	28.63 0.54 -4.62	29.18 0.62 -1.59	29.09 0.68 -0.19	31.69 0.65 -2.68	33.82 0.67 0.60	35.76 0.70 0.00	36.35 0.89 0.02	38.56 1.02 0.33	67.17 0.79 -35.98	70.71 0.96 -31.40	60.87 0.93 -22.57	51.18 0.88 -13.68	37.86 0.85 -4.23	35.93 0.63 -8.12	34.59 0.54 -9.70	29.75 0.32 -6.26
ROARING__BROOK_WT_PWR 323790	10.32 -1.25 5.06	9.41 -1.07 4.01	8.95 -1.03 4.29	8.91 -0.96 3.80	11.45 -0.92 1.51	12.30 -1.08 3.56	13.20 -1.18 4.09	16.45 -1.33 2.71	18.65 -1.55 3.27	20.17 -1.78 5.02	21.18 -1.81 5.24	22.39 -1.79 4.18	25.99 -2.12 5.63	26.91 -2.17 5.97	28.02 -2.20 5.27	28.88 -2.38 6.61	26.01 -1.91 2.48	33.35 -2.41 2.59	27.72 -2.35 7.29	26.96 -2.34 7.31	24.78 -2.03 5.96	19.85 -1.74 5.60	19.05 -1.53 3.77	16.97 -1.48 4.71
ROCHESRG_115KV_T4 355643	18.18 0.40 -1.15	16.08 0.33 -1.25	15.59 0.33 -1.00	14.84 0.29 -0.89	14.89 0.26 -0.75	17.76 0.25 -0.56	19.26 0.20 -0.59	21.43 0.12 -0.81	24.14 0.19 -0.49	27.38 0.22 -0.19	28.44 0.17 -0.04	28.76 0.11 -0.29	34.01 0.27 0.00	35.20 0.14 0.00	35.31 -0.18 0.00	37.60 -0.27 0.00	34.18 -0.12 -3.90	41.59 -0.19 -3.43	39.63 -0.22 -2.49	37.96 -0.15 -1.49	33.21 0.00 -0.42	28.08 0.03 -0.87	25.47 0.10 -1.02	24.16 0.35 -0.65
ROCHESTER_9_IC 23652	18.29 0.50 -1.16	16.19 0.43 -1.26	15.68 0.41 -1.00	14.93 0.37 -0.89	14.98 0.35 -0.76	17.86 0.36 -0.56	19.39 0.33 -0.59	21.58 0.27 -0.82	24.31 0.35 -0.49	27.60 0.43 -0.19	28.66 0.40 -0.04	28.99 0.34 -0.29	34.28 0.54 0.00	35.48 0.42 0.00	35.59 0.11 0.00	37.91 0.04 0.00	34.43 0.09 -3.93	41.89 0.08 -3.46	39.92 0.04 -2.51	38.20 0.07 -1.51	33.47 0.26 -0.43	28.28 0.22 -0.87	25.65 0.27 -1.03	24.30 0.49 -0.65
ROCKVIEW_13_KV_LD 356306	26.64 0.75 -9.26	25.24 0.65 -10.09	22.91 0.61 -8.03	21.40 0.57 -7.17	20.54 0.58 -6.08	22.20 0.71 -4.55	24.06 0.81 -4.78	28.46 1.17 -6.80	29.17 1.53 -4.18	30.64 1.78 -1.89	30.61 1.83 -0.55	32.86 1.98 -2.52	36.68 2.36 -0.57	37.58 2.52 0.00	38.31 2.80 -0.02	41.21 3.03 -0.31	67.59 2.65 -34.54	72.31 3.34 -30.62	62.93 3.14 -22.42	52.77 2.86 -13.29	38.49 2.26 -3.45	36.67 1.93 -7.55	34.73 1.63 -8.74	29.81 1.20 -5.44
ROME____115KV_TB2 80656	19.71 0.30 -2.78	17.12 0.28 -2.35	16.93 0.30 -2.37	16.05 0.29 -2.10	15.20 0.32 -1.01	19.22 0.42 -1.85	21.10 0.52 -2.11	22.62 0.53 -1.60	25.71 0.54 -1.70	29.97 0.65 -2.35	31.28 0.68 -2.38	31.03 0.65 -2.02	37.12 0.84 -2.53	38.73 0.98 -2.69	38.75 0.89 -2.37	41.67 0.83 -2.97	34.09 0.76 -2.93	42.11 1.00 -2.76	43.05 1.23 -4.44	41.85 1.25 -3.99	36.68 1.02 -2.88	30.90 0.79 -2.92	27.14 0.61 -2.17	26.18 0.60 -2.42
ROSETON__1 23587	26.39 0.50 -9.25	25.02 0.43 -10.09	22.72 0.43 -8.03	21.22 0.40 -7.16	20.35 0.40 -6.08	21.98 0.49 -4.54	23.80 0.55 -4.78	28.07 0.80 -6.78	28.68 1.06 -4.16	30.05 1.21 -1.86	29.99 1.24 -0.53	32.22 1.36 -2.50	35.85 1.59 -0.52	36.74 1.68 0.00	37.39 1.88 -0.02	40.20 2.04 -0.29	66.45 1.76 -34.28	70.95 2.22 -30.37	61.68 2.09 -22.22	51.75 1.94 -13.19	37.80 1.57 -3.44	36.02 1.33 -7.50	34.20 1.15 -8.70	29.37 0.79 -5.42
ROSETON__2 23588	26.39 0.50 -9.25	25.02 0.43 -10.09	22.72 0.43 -8.03	21.22 0.40 -7.16	20.35 0.40 -6.08	21.98 0.49 -4.54	23.80 0.55 -4.78	28.07 0.80 -6.78	28.68 1.06 -4.16	30.05 1.21 -1.86	29.99 1.24 -0.53	32.22 1.36 -2.50	35.85 1.59 -0.52	36.74 1.68 0.00	37.39 1.88 -0.02	40.20 2.04 -0.29	66.45 1.76 -34.28	70.95 2.22 -30.37	61.68 2.09 -22.22	51.75 1.94 -13.19	37.80 1.57 -3.44	36.02 1.33 -7.50	34.20 1.15 -8.70	29.37 0.79 -5.42
ROTTTRDAM_115KV_TB3 80664	28.95 0.47 -11.85	27.82 0.41 -12.92	24.95 0.40 -10.28	23.22 0.38 -9.17	22.04 0.39 -7.78	23.24 0.47 -5.82	25.11 0.52 -6.12	29.46 0.68 -8.29	29.21 0.87 -4.88	29.68 0.97 -1.74	29.49 1.02 -0.25	32.19 0.99 -2.84	34.41 1.15 0.48	36.28 1.23 0.00	36.82 1.35 0.02	39.12 1.51 0.26	69.86 1.22 -38.24	73.28 1.50 -33.44	62.99 1.53 -24.09	52.69 1.50 -14.57	38.60 1.41 -4.41	36.87 1.09 -8.60	35.49 0.90 -10.23	30.46 0.72 -6.58
RUSSELL__1 23602	18.39 0.60 -1.16	16.26 0.51 -1.26	15.76 0.49 -1.00	15.00 0.44 -0.89	15.05 0.42 -0.76	17.97 0.46 -0.56	19.49 0.42 -0.59	21.70 0.39 -0.82	24.45 0.49 -0.49	27.73 0.57 -0.19	28.83 0.56 -0.04	29.19 0.54 -0.29	34.52 0.78 0.00	35.72 0.67 0.00	35.81 0.32 0.00	38.13 0.27 0.00	34.61 0.27 -3.94	42.16 0.35 -3.46	40.18 0.30 -2.51	38.42 0.29 -1.51	33.70 0.49 -0.43	28.44 0.38 -0.87	25.77 0.39 -1.03	24.44 0.63 -0.65
RUSSELL__2 23532	18.39 0.60 -1.16	16.26 0.51 -1.26	15.76 0.49 -1.00	15.00 0.44 -0.89	15.05 0.42 -0.76	17.97 0.46 -0.56	19.49 0.42 -0.59	21.70 0.39 -0.82	24.45 0.49 -0.49	27.73 0.57 -0.19	28.83 0.56 -0.04	29.19 0.54 -0.29	34.52 0.78 0.00	35.72 0.67 0.00	35.81 0.32 0.00	38.13 0.27 0.00	34.61 0.27 -3.94	42.16 0.35 -3.46	40.18 0.30 -2.51	38.42 0.29 -1.51	33.70 0.49 -0.43	28.44 0.38 -0.87	25.77 0.39 -1.03	24.44 0.63 -0.65
RUSSELL__3 23549	18.39 0.60 -1.16	16.26 0.51 -1.26	15.76 0.49 -1.00	15.00 0.44 -0.89	15.05 0.42 -0.76	17.97 0.46 -0.56	19.49 0.42 -0.59	21.70 0.39 -0.82	24.45 0.49 -0.49	27.73 0.57 -0.19	28.83 0.56 -0.04	29.19 0.54 -0.29	34.52 0.78 0.00	35.72 0.67 0.00	35.81 0.32 0.00	38.13 0.27 0.00	34.61 0.27 -3.94	42.16 0.35 -3.46	40.18 0.30 -2.51	38.42 0.29 -1.51	33.70 0.49 -0.43	28.44 0.38 -0.87	25.77 0.39 -1.03	24.44 0.63 -0.65

RUSSELL___4 23556	18.39 0.60 -1.16	16.26 0.51 -1.26	15.76 0.49 -1.00	15.00 0.44 -0.89	15.05 0.42 -0.76	17.97 0.46 -0.56	19.49 0.42 -0.59	21.70 0.39 -0.82	24.45 0.49 -0.49	27.73 0.57 -0.19	28.83 0.56 -0.04	29.19 0.54 -0.29	34.52 0.78 0.00	35.72 0.67 0.00	35.81 0.32 0.00	38.13 0.27 0.00	34.61 0.27 -3.94	42.16 0.35 -3.46	40.18 0.30 -2.51	38.42 0.29 -1.51	33.70 0.49 -0.43	28.44 0.38 -0.87	25.77 0.39 -1.03	24.44 0.63 -0.65
RUSSELL___STATION 23914	18.39 0.60 -1.16	16.26 0.51 -1.26	15.76 0.49 -1.00	15.00 0.44 -0.89	15.05 0.42 -0.76	17.97 0.46 -0.56	19.49 0.42 -0.59	21.70 0.39 -0.82	24.45 0.49 -0.49	27.73 0.57 -0.19	28.83 0.56 -0.04	29.19 0.54 -0.29	34.52 0.78 0.00	35.72 0.67 0.00	35.81 0.32 0.00	38.13 0.27 0.00	34.61 0.27 -3.94	42.16 0.35 -3.46	40.18 0.30 -2.51	38.42 0.29 -1.51	33.70 0.49 -0.43	28.44 0.38 -0.87	25.77 0.39 -1.03	24.44 0.63 -0.65
S SALMON___HYD 24043	20.46 -0.12 -3.94	17.72 -0.10 -3.33	17.52 -0.10 -3.35	16.54 -0.09 -2.97	15.20 -0.10 -1.43	19.48 -0.08 -2.62	21.35 -0.09 -2.98	22.53 -0.20 -2.24	25.51 -0.35 -2.39	29.89 -0.40 -3.32	31.20 -0.40 -3.37	30.69 -0.51 -2.85	36.73 -0.61 -3.59	38.27 -0.60 -3.80	38.10 -0.75 -3.36	41.28 -0.80 -4.21	33.81 -0.64 -4.04	41.44 -0.73 -3.82	43.03 -0.56 -6.22	41.74 -0.48 -5.60	36.39 -0.46 -4.07	30.92 -0.38 -4.11	27.06 -0.34 -3.05	26.36 -0.21 -3.41
S.PERRY___115KV_TB1 80734	19.15 0.90 -1.62	17.04 0.78 -1.76	16.43 0.76 -1.40	15.65 0.74 -1.25	15.66 0.72 -1.06	18.60 0.85 -0.80	20.22 0.90 -0.85	22.48 0.82 -1.17	24.94 0.77 -0.70	28.03 0.78 -0.28	28.88 0.59 -0.06	29.17 0.40 -0.41	33.68 -0.07 0.00	34.85 -0.21 0.00	35.10 -0.39 0.00	37.45 -0.42 0.00	35.65 -0.36 -5.61	42.98 -0.31 -4.94	40.95 0.00 -3.58	38.95 0.18 -2.15	33.88 0.49 -0.61	29.71 1.28 -1.25	26.94 1.12 -1.47	25.34 1.25 -0.93
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	18.47 0.33 -1.50	16.46 0.33 -1.63	15.85 0.29 -1.30	15.07 0.25 -1.16	15.07 0.21 -0.98	17.82 0.10 -0.78	19.17 -0.11 -0.82	21.31 -0.31 -1.13	23.96 -0.19 -0.68	27.02 -0.22 -0.27	27.89 -0.40 -0.06	28.16 -0.60 -0.40	33.98 0.24 0.00	34.99 -0.07 0.00	35.03 -0.46 0.00	37.11 -0.76 0.00	35.10 -0.73 -5.42	42.09 -1.04 -4.77	39.79 -1.05 -3.46	37.89 -0.81 -2.08	32.62 -0.75 -0.59	27.96 -0.44 -1.20	25.55 -0.22 -1.42	24.29 0.23 -0.90
SAWYER___23_KV_LOAD 55526	18.47 0.33 -1.50	16.46 0.33 -1.63	15.85 0.29 -1.30	15.07 0.25 -1.16	15.07 0.21 -0.98	17.82 0.10 -0.78	19.17 -0.11 -0.82	21.31 -0.31 -1.13	23.96 -0.19 -0.68	27.02 -0.22 -0.27	27.89 -0.40 -0.06	28.16 -0.60 -0.40	33.98 0.24 0.00	34.99 -0.07 0.00	35.03 -0.46 0.00	37.11 -0.76 0.00	35.10 -0.73 -5.42	42.09 -1.04 -4.77	39.79 -1.05 -3.46	37.89 -0.81 -2.08	32.62 -0.75 -0.59	27.96 -0.44 -1.20	25.55 -0.22 -1.42	24.29 0.23 -0.90
SELKIRK___I 23801	28.17 0.40 -11.14	26.98 0.35 -12.14	24.29 0.36 -9.66	22.62 0.34 -8.62	21.53 0.35 -7.31	22.82 0.41 -5.47	24.64 0.43 -5.75	28.87 0.55 -7.82	28.79 0.70 -4.62	29.50 0.84 -1.69	29.38 0.88 -0.27	31.85 0.79 -2.70	34.10 0.71 0.35	35.76 0.70 0.00	36.32 0.85 0.01	38.66 0.98 0.19	67.52 0.70 -36.42	71.04 0.81 -31.88	61.24 0.86 -23.01	51.38 0.88 -13.88	37.81 0.89 -4.14	36.00 0.65 -8.16	34.76 0.71 -9.69	29.90 0.53 -6.21
SELKIRK___II 23799	28.15 0.25 -11.26	26.99 0.22 -12.28	24.25 0.21 -9.77	22.58 0.21 -8.71	21.48 0.21 -7.39	22.71 0.24 -5.53	24.54 0.26 -5.82	28.77 0.39 -7.89	28.66 0.54 -4.65	29.27 0.62 -1.67	29.16 0.68 -0.26	31.69 0.62 -2.71	33.70 0.37 0.41	35.41 0.35 0.00	35.97 0.50 0.02	38.24 0.60 0.23	67.38 0.43 -36.55	70.79 0.46 -31.97	60.95 0.52 -23.05	51.10 0.55 -13.93	37.46 0.49 -4.19	35.77 0.38 -8.20	34.65 0.54 -9.76	29.77 0.35 -6.26
SENECA OSWGO___HYD 24041	18.37 -0.03 -1.77	16.06 -0.04 -1.61	15.74 -0.04 -1.51	14.95 -0.04 -1.33	14.63 -0.06 -0.81	17.97 -0.05 -1.08	19.50 -0.04 -1.07	21.38 -0.14 -1.03	24.13 -0.23 -0.90	27.73 -0.24 -1.00	28.93 -0.23 -0.93	28.98 -0.31 -0.93	34.46 -0.30 -1.02	35.78 -0.35 -1.07	36.04 -0.46 -1.02	38.58 -0.45 -1.17	33.18 -0.40 -3.17	40.75 -0.46 -2.86	39.85 -0.49 -2.97	38.46 -0.48 -2.32	33.84 -0.39 -1.45	28.52 -0.35 -1.68	25.50 -0.29 -1.44	24.38 -0.14 -1.36
SENECA___115KV_TB3 355854	18.60 0.40 -1.56	16.58 0.38 -1.71	15.95 0.33 -1.36	15.17 0.30 -1.21	15.18 0.28 -1.03	17.94 0.19 -0.80	19.32 0.00 -0.85	21.52 -0.14 -1.17	24.17 0.00 -0.70	27.25 0.00 -0.28	28.17 -0.11 -0.06	28.46 -0.31 -0.41	34.62 0.88 0.00	35.69 0.63 0.00	35.70 0.21 0.00	37.87 0.00 0.00	35.63 -0.40 -5.62	42.64 -0.65 -4.95	40.29 -0.67 -3.59	38.40 -0.37 -2.15	33.00 -0.39 -0.61	28.30 -0.14 -1.25	25.85 0.02 -1.47	24.49 0.39 -0.93
SENECA___ENERGY 23797	18.09 0.23 -1.22	16.01 0.19 -1.33	15.50 0.17 -1.06	14.77 0.16 -0.95	14.83 0.15 -0.80	17.77 0.22 -0.60	19.38 0.28 -0.63	21.62 0.25 -0.88	24.27 0.28 -0.52	27.50 0.32 -0.21	28.64 0.37 -0.04	29.01 0.34 -0.31	34.32 0.57 0.00	35.62 0.56 0.00	35.81 0.32 0.00	38.21 0.34 0.00	34.79 0.18 -4.20	42.35 0.31 -3.70	40.32 0.26 -2.68	38.49 0.26 -1.61	33.47 0.23 -0.46	28.37 0.24 -0.93	25.63 0.17 -1.10	24.14 0.28 -0.70
SHOEMAKER___GT 23640	25.58 0.48 -8.46	24.12 0.41 -9.22	22.01 0.40 -7.34	20.59 0.38 -6.55	19.82 0.39 -5.56	21.56 0.46 -4.15	23.34 0.50 -4.37	27.40 0.72 -6.19	28.16 0.89 -3.80	29.70 1.02 -1.70	29.75 1.04 -0.48	31.78 1.14 -2.28	35.60 1.38 -0.47	36.56 1.51 0.00	37.17 1.67 -0.02	39.94 1.82 -0.26	63.29 1.58 -31.30	68.11 2.03 -27.73	59.60 1.94 -20.29	50.49 1.83 -12.04	37.44 1.51 -3.15	35.29 1.25 -6.85	33.37 1.07 -7.95	28.88 0.76 -4.96
SHOEMAKR_138KV_BK 111 55601	25.51 0.47 -8.40	24.06 0.41 -9.16	21.96 0.40 -7.29	20.55 0.38 -6.50	19.77 0.37 -5.52	21.53 0.46 -4.13	23.29 0.48 -4.34	27.36 0.72 -6.15	28.13 0.89 -3.77	29.68 1.02 -1.69	29.75 1.04 -0.48	31.79 1.16 -2.27	35.59 1.38 -0.46	36.56 1.51 0.00	37.21 1.70 -0.02	39.98 1.86 -0.25	63.09 1.61 -31.08	67.95 2.07 -27.53	59.45 1.94 -20.14	50.40 1.83 -11.96	37.38 1.48 -3.13	35.24 1.25 -6.80	33.30 1.05 -7.89	28.82 0.74 -4.92
SHOREHAM_IC_1 23715	31.68 1.63 -13.41	26.67 1.42 -10.75	24.67 1.38 -9.02	22.10 1.27 -7.17	21.28 1.32 -6.09	25.83 1.59 -7.29	27.46 1.77 -7.22	29.40 2.11 -6.80	30.27 2.60 -4.20	32.64 3.10 -2.57	35.98 3.10 -4.65	40.65 3.29 -9.00	52.43 3.91 -14.77	124.25 4.03 -85.16	130.92 4.29 -91.15	137.75 4.62 -95.26	273.86 3.74 -239.72	368.68 4.68 -325.65	318.53 4.41 -276.75	137.67 4.17 -96.88	132.95 3.74 -96.43	77.47 3.21 -47.07	51.10 2.85 -23.89	35.77 2.34 -10.27
SHOREHAM_IC_2 23716	31.68 1.63 -13.41	26.67 1.42 -10.75	24.67 1.38 -9.02	22.10 1.27 -7.17	21.28 1.32 -6.09	25.83 1.59 -7.29	27.46 1.77 -7.22	29.40 2.11 -6.80	30.27 2.60 -4.20	32.64 3.10 -2.57	35.98 3.10 -4.65	40.65 3.29 -9.00	52.43 3.91 -14.77	124.25 4.03 -85.16	130.92 4.29 -91.15	137.75 4.62 -95.26	273.86 3.74 -239.72	368.68 4.68 -325.65	318.53 4.41 -276.75	137.67 4.17 -96.88	132.95 3.74 -96.43	77.47 3.21 -47.07	51.10 2.85 -23.89	35.77 2.34 -10.27

SISSONVILLE____ 23735	-6.67 -2.59 20.71	-4.51 -2.25 16.75	-5.46 -2.20 17.54	-4.22 -2.09 15.79	-1.00 -2.08 12.79	-3.79 -2.46 18.28	-3.50 -2.66 19.31	-1.00 -2.99 18.50	-1.00 -3.61 20.85	0.10 -4.15 22.72	0.10 -4.37 23.75	0.20 -4.45 23.71	3.71 -5.47 24.56	3.23 -5.57 26.26	8.02 -5.64 21.82	2.27 -6.13 29.46	0.20 -4.77 25.43	0.10 -5.87 32.38	-1.00 -5.38 32.99	-1.00 -5.20 32.42	3.37 -4.82 24.60	0.20 -4.02 22.97	5.31 -3.68 15.37	0.25 -3.57 19.35
SITHE_IND_GS1 24169	16.98 -0.25 -0.60	14.91 -0.23 -0.65	14.56 -0.23 -0.52	13.91 -0.22 -0.46	14.04 -0.22 -0.39	16.97 -0.27 -0.29	18.48 -0.30 -0.31	20.45 -0.47 -0.43	23.09 -0.63 -0.26	26.32 -0.76 -0.10	27.49 -0.76 -0.02	27.71 -0.79 -0.15	32.80 -0.94 0.00	34.08 -0.98 0.00	34.42 -1.06 0.00	36.69 -1.17 0.00	31.51 -0.94 -2.05	39.00 -1.15 -1.80	37.52 -1.16 -1.31	36.27 -1.14 -0.79	32.02 -0.98 -0.22	26.83 -0.81 -0.46	24.21 -0.68 -0.54	23.04 -0.46 -0.34
SITHE_IND_GS2 24170	16.98 -0.25 -0.60	14.91 -0.23 -0.65	14.56 -0.23 -0.52	13.91 -0.22 -0.46	14.04 -0.22 -0.39	16.97 -0.27 -0.29	18.48 -0.30 -0.31	20.45 -0.47 -0.43	23.09 -0.63 -0.26	26.32 -0.76 -0.10	27.49 -0.76 -0.02	27.71 -0.79 -0.15	32.80 -0.94 0.00	34.08 -0.98 0.00	34.42 -1.06 0.00	36.69 -1.17 0.00	31.51 -0.94 -2.05	39.00 -1.15 -1.80	37.52 -1.16 -1.31	36.27 -1.14 -0.79	32.02 -0.98 -0.22	26.83 -0.81 -0.46	24.21 -0.68 -0.54	23.04 -0.46 -0.34
SITHE_IND_GS3 24171	16.98 -0.25 -0.60	14.91 -0.23 -0.65	14.56 -0.23 -0.52	13.91 -0.22 -0.46	14.04 -0.22 -0.39	16.97 -0.27 -0.29	18.48 -0.30 -0.31	20.45 -0.47 -0.43	23.09 -0.63 -0.26	26.32 -0.76 -0.10	27.49 -0.76 -0.02	27.71 -0.79 -0.15	32.80 -0.94 0.00	34.08 -0.98 0.00	34.42 -1.06 0.00	36.69 -1.17 0.00	31.51 -0.94 -2.05	39.00 -1.15 -1.80	37.52 -1.16 -1.31	36.27 -1.14 -0.79	32.02 -0.98 -0.22	26.83 -0.81 -0.46	24.21 -0.68 -0.54	23.04 -0.46 -0.34
SITHE_IND_GS4 24172	16.98 -0.25 -0.60	14.91 -0.23 -0.65	14.56 -0.23 -0.52	13.91 -0.22 -0.46	14.04 -0.22 -0.39	16.97 -0.27 -0.29	18.48 -0.30 -0.31	20.45 -0.47 -0.43	23.09 -0.63 -0.26	26.32 -0.76 -0.10	27.49 -0.76 -0.02	27.71 -0.79 -0.15	32.80 -0.94 0.00	34.08 -0.98 0.00	34.42 -1.06 0.00	36.69 -1.17 0.00	31.51 -0.94 -2.05	39.00 -1.15 -1.80	37.52 -1.16 -1.31	36.27 -1.14 -0.79	32.02 -0.98 -0.22	26.83 -0.81 -0.46	24.21 -0.68 -0.54	23.04 -0.46 -0.34
SITHE____BATAVIA 24024	18.68 0.71 -1.33	16.58 0.64 -1.45	16.05 0.63 -1.15	15.24 0.55 -1.03	15.26 0.51 -0.87	18.21 0.59 -0.67	19.62 0.44 -0.71	21.84 0.37 -0.98	24.57 0.52 -0.59	27.77 0.57 -0.23	28.67 0.39 -0.05	28.99 0.28 -0.35	34.69 0.94 0.00	35.83 0.77 0.00	35.74 0.25 0.00	37.98 0.11 0.00	35.14 0.03 -4.71	42.49 0.00 -4.14	40.37 0.00 -3.00	38.60 0.18 -1.80	33.65 0.36 -0.51	28.59 0.35 -1.05	26.05 0.46 -1.23	24.73 0.79 -0.78
SITHE____INDEPEND 23800	16.98 -0.25 -0.60	14.91 -0.23 -0.65	14.56 -0.23 -0.52	13.91 -0.22 -0.46	14.05 -0.22 -0.39	16.97 -0.27 -0.29	18.48 -0.30 -0.31	20.45 -0.47 -0.43	23.09 -0.63 -0.26	26.32 -0.76 -0.10	27.48 -0.76 -0.02	27.71 -0.79 -0.15	32.80 -0.94 0.00	34.08 -0.98 0.00	34.42 -1.06 0.00	36.69 -1.17 0.00	31.51 -0.94 -2.05	39.00 -1.15 -1.80	37.52 -1.16 -1.31	36.27 -1.14 -0.79	32.02 -0.98 -0.22	26.83 -0.82 -0.46	24.21 -0.68 -0.54	23.04 -0.46 -0.34
SITHE____MASSENA 23902	-0.20 -2.53 14.31	0.57 -2.22 11.70	-0.02 -2.17 12.12	0.59 -2.08 11.00	0.90 -2.07 10.91	0.72 -2.46 13.77	1.68 -2.66 14.13	2.44 -2.97 15.08	3.31 -3.45 16.71	6.68 -3.96 16.33	7.08 -4.06 17.08	5.88 -4.08 18.39	11.39 -4.96 17.39	11.36 -5.05 18.65	15.30 -5.08 15.11	11.29 -5.53 21.04	3.57 -4.38 22.46	3.58 -5.52 29.24	8.25 -5.31 23.82	8.28 -5.16 23.17	11.34 -4.43 17.02	7.59 -3.72 15.88	10.43 -3.31 10.61	6.57 -3.22 13.38
SITHE____OGDNSBRG 24021	-4.00 -2.41 18.22	-2.40 -2.10 14.79	-3.20 -2.04 15.43	-2.21 -1.94 13.93	-0.10 -1.91 12.06	-1.85 -2.27 16.52	-1.30 -2.47 17.29	0.53 -2.79 17.17	0.89 -3.33 19.25	2.90 -3.83 20.24	3.09 -3.98 21.16	2.72 -4.00 21.64	7.07 -4.89 21.78	6.81 -4.94 23.30	11.30 -4.97 19.22	6.19 -5.49 26.19	1.84 -4.29 24.28	1.85 -5.33 31.16	3.05 -4.90 29.43	3.07 -4.72 28.83	6.96 -4.16 21.65	3.44 -3.53 20.21	7.64 -3.19 13.52	3.01 -3.13 17.03
SITHE____STERLING 23777	18.93 0.30 -1.99	16.52 0.27 -1.75	16.25 0.29 -1.70	15.44 0.27 -1.51	14.97 0.29 -0.80	18.60 0.37 -1.28	20.17 0.44 -1.26	22.04 0.45 -1.10	25.00 0.47 -1.07	28.89 0.57 -1.35	30.15 0.59 -1.33	30.13 0.57 -1.21	35.97 0.74 -1.48	37.49 0.88 -1.55	37.74 0.78 -1.47	40.31 0.76 -1.69	33.79 0.67 -2.72	41.70 0.84 -2.50	41.49 1.01 -3.11	40.29 1.02 -2.64	35.49 0.82 -1.89	29.86 0.65 -2.02	26.46 0.51 -1.59	25.33 0.51 -1.66
SLEIGHT__34_KV_TB1 80719	18.38 0.60 -1.15	16.25 0.51 -1.25	15.75 0.49 -0.99	15.03 0.48 -0.89	15.10 0.47 -0.75	18.13 0.63 -0.56	19.85 0.79 -0.59	22.15 0.84 -0.82	24.92 0.96 -0.49	28.33 1.16 -0.19	29.56 1.30 -0.04	29.92 1.28 -0.29	35.40 1.65 0.00	36.74 1.68 0.00	36.91 1.42 0.00	39.42 1.55 0.00	35.52 1.19 -3.93	43.34 1.53 -3.46	41.26 1.38 -2.51	39.40 1.28 -1.50	34.42 1.21 -0.43	29.01 0.95 -0.87	26.14 0.76 -1.03	24.62 0.81 -0.65
SOUTH CAIRO____GT 23612	28.13 0.77 -10.73	26.81 0.62 -11.70	24.18 0.60 -9.31	22.54 0.57 -8.30	21.49 0.57 -7.05	22.94 0.73 -5.27	24.78 0.78 -5.54	29.07 1.00 -7.57	29.02 1.06 -4.50	30.11 1.46 -1.68	29.99 1.47 -0.30	32.10 1.10 -2.64	34.89 1.38 0.24	36.42 1.37 0.00	37.11 1.63 0.01	39.89 2.16 0.13	67.81 1.79 -35.61	71.88 2.34 -31.19	62.42 2.50 -22.55	52.76 2.56 -13.58	38.81 2.03 -3.99	36.64 1.49 -7.95	35.09 1.31 -9.42	30.22 1.04 -6.02
SOUTH HAMPTN____IC 23720	32.01 1.96 -13.41	26.96 1.71 -10.75	24.96 1.67 -9.02	22.37 1.54 -7.17	21.56 1.59 -6.09	26.16 1.93 -7.29	27.81 2.12 -7.22	29.83 2.54 -6.80	30.81 3.15 -4.20	33.34 3.80 -2.57	36.78 3.90 -4.65	41.47 4.11 -9.01	53.14 4.96 -14.44	125.37 5.12 -85.19	132.05 5.39 -91.17	138.99 5.83 -95.29	274.86 4.65 -239.80	369.92 5.79 -325.77	319.68 5.46 -276.85	138.73 5.20 -96.92	133.84 4.59 -96.47	78.16 3.89 -47.08	51.35 3.44 -23.56	36.30 2.87 -10.27
SOUTHDOW_115KV_TB1 355954	19.13 0.83 -1.67	17.08 0.77 -1.82	16.43 0.71 -1.44	15.66 0.71 -1.29	15.67 0.71 -1.09	18.56 0.76 -0.85	20.09 0.72 -0.90	22.49 0.76 -1.24	25.20 0.99 -0.74	28.51 1.24 -0.29	29.53 1.24 -0.06	29.90 1.11 -0.44	36.58 2.83 0.00	37.69 2.63 0.00	37.69 2.20 0.00	39.91 2.04 0.00	37.36 1.00 -5.95	44.58 1.00 -5.24	42.07 0.90 -3.80	40.14 1.25 -2.28	34.48 1.05 -0.65	29.60 1.09 -1.32	26.96 1.05 -1.56	25.35 1.20 -0.99
SOUTHOLD_69_KV_BK 2 55809	32.41 2.36 -13.41	27.30 2.06 -10.75	25.30 2.01 -9.02	22.70 1.87 -7.17	21.86 1.90 -6.08	26.55 2.32 -7.29	28.27 2.59 -7.22	30.36 3.07 -6.80	31.49 3.83 -4.20	34.26 4.72 -2.57	37.71 4.83 -4.65	42.47 5.10 -9.00	54.33 6.14 -14.44	126.62 6.42 -85.15	133.40 6.78 -91.14	140.39 7.27 -95.25	275.88 5.78 -239.70	371.15 7.17 -325.63	320.90 6.80 -276.72	140.01 6.52 -96.87	134.94 5.74 -96.42	79.04 4.79 -47.06	52.11 4.19 -23.57	36.97 3.54 -10.27

SOUTHOLD___IC 23719	32.39 2.35 -13.41	27.29 2.04 -10.75	25.28 2.00 -9.02	22.67 1.84 -7.17	21.85 1.89 -6.09	26.54 2.30 -7.29	28.27 2.59 -7.22	30.36 3.07 -6.80	31.49 3.83 -4.20	34.21 4.67 -2.57	37.70 4.83 -4.65	42.46 5.10 -9.00	54.36 6.18 -14.44	126.62 6.42 -85.15	133.33 6.71 -91.14	140.39 7.27 -95.25	275.88 5.78 -239.70	371.14 7.17 -325.63	320.90 6.80 -276.72	140.01 6.52 -96.87	134.94 5.74 -96.42	79.04 4.79 -47.06	52.12 4.19 -23.57	36.97 3.54 -10.27
SPIERFLS_115KV_TB 1 80737	29.01 0.65 -11.73	27.81 0.54 -12.78	24.95 0.51 -10.17	23.23 0.49 -9.08	22.10 0.53 -7.70	23.33 0.63 -5.76	25.19 0.66 -6.06	29.52 0.86 -8.17	29.38 1.13 -4.78	29.95 1.32 -1.65	29.51 1.07 -0.21	32.10 0.96 -2.78	34.34 1.18 0.59	36.35 1.30 0.00	37.06 1.60 0.02	39.44 1.89 0.32	69.17 1.49 -37.27	72.66 1.76 -32.54	62.79 2.02 -23.40	53.00 2.20 -14.18	39.34 2.20 -4.36	37.12 1.52 -8.40	35.49 1.10 -10.04	30.49 0.86 -6.47
ST LAWRENCE___ 23600	1.00 -2.65 12.99	1.50 -2.33 10.66	1.00 -2.27 11.00	1.50 -2.16 10.01	1.20 -2.15 10.52	1.54 -2.58 12.83	2.61 -2.81 13.06	3.00 -3.11 14.38	4.00 -3.61 15.85	7.81 -4.15 15.01	8.27 -4.26 15.70	6.78 -4.28 17.29	12.67 -5.16 15.91	12.68 -5.29 17.08	16.48 -5.29 13.72	12.81 -5.75 19.30	4.00 -4.56 21.84	4.00 -5.75 28.60	9.88 -5.57 21.92	9.90 -5.46 21.26	12.67 -4.65 15.45	8.84 -3.94 14.41	11.24 -3.48 9.63	7.64 -3.38 12.14
STATE_CA_115KV_115_LB 55624	28.34 0.27 -11.44	27.20 0.23 -12.47	24.42 0.23 -9.92	22.74 0.22 -8.85	21.62 0.24 -7.51	22.83 0.27 -5.62	24.65 0.28 -5.91	28.89 0.43 -7.97	28.75 0.61 -4.67	29.32 0.73 -1.62	29.22 0.79 -0.21	31.83 0.77 -2.71	33.96 0.78 0.56	35.90 0.84 0.00	36.49 1.03 0.02	38.73 1.17 0.31	67.75 0.91 -36.43	71.24 1.07 -31.82	61.34 1.08 -22.89	51.51 1.03 -13.86	37.99 0.95 -4.26	36.11 0.71 -8.21	34.74 0.58 -9.80	29.87 0.39 -6.32
STATE_ST_34_KV_LOAD 55959	18.31 0.47 -1.21	16.20 0.39 -1.32	15.70 0.39 -1.05	14.97 0.37 -0.94	15.04 0.37 -0.79	18.03 0.49 -0.59	19.52 0.42 -0.63	21.79 0.43 -0.87	24.46 0.47 -0.52	27.74 0.57 -0.21	28.89 0.62 -0.04	29.29 0.62 -0.31	34.62 0.88 0.00	35.97 0.91 0.00	36.23 0.75 0.00	38.74 0.87 0.00	35.17 0.61 -4.16	42.81 0.81 -3.66	40.77 0.75 -2.65	38.91 0.70 -1.59	33.86 0.62 -0.45	28.63 0.52 -0.92	25.83 0.39 -1.09	24.29 0.44 -0.69
STATION 5_MISC_HYD 23604	18.31 0.52 -1.16	16.20 0.45 -1.26	15.70 0.43 -1.00	14.94 0.38 -0.89	14.98 0.35 -0.76	17.88 0.37 -0.56	19.39 0.33 -0.59	21.58 0.27 -0.82	24.31 0.35 -0.49	27.60 0.43 -0.19	28.66 0.39 -0.04	28.99 0.34 -0.29	34.28 0.54 0.00	35.51 0.45 0.00	35.59 0.11 0.00	37.91 0.04 0.00	34.43 0.09 -3.93	41.89 0.08 -3.46	39.92 0.04 -2.51	38.20 0.07 -1.51	33.47 0.26 -0.43	28.28 0.22 -0.87	25.65 0.27 -1.03	24.30 0.49 -0.65
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	18.22 0.43 -1.16	16.12 0.36 -1.26	15.63 0.36 -1.00	14.89 0.33 -0.90	14.95 0.32 -0.76	17.88 0.37 -0.57	19.49 0.42 -0.60	21.75 0.43 -0.82	24.45 0.49 -0.49	27.76 0.59 -0.20	28.89 0.62 -0.04	29.24 0.60 -0.29	34.59 0.84 0.00	35.83 0.77 0.00	35.95 0.46 0.00	38.36 0.49 0.00	34.72 0.36 -3.95	42.29 0.46 -3.48	40.30 0.41 -2.52	38.53 0.40 -1.51	33.74 0.52 -0.43	28.48 0.41 -0.88	25.76 0.37 -1.03	24.33 0.51 -0.66
STA_56_34_KV_BUS2_REV_LBMP_B 345033	18.16 0.38 -1.15	16.06 0.32 -1.25	15.56 0.30 -0.99	14.81 0.26 -0.89	14.86 0.24 -0.75	17.74 0.24 -0.56	19.28 0.22 -0.59	21.47 0.16 -0.81	24.19 0.23 -0.49	27.46 0.30 -0.19	28.55 0.28 -0.04	28.87 0.23 -0.29	34.15 0.40 0.00	35.34 0.28 0.00	35.45 -0.04 0.00	37.75 -0.11 0.00	34.28 -0.03 -3.90	41.75 -0.04 -3.43	39.75 -0.11 -2.49	38.04 -0.07 -1.49	33.34 0.13 -0.42	28.14 0.08 -0.87	25.50 0.12 -1.02	24.16 0.35 -0.65
STA_56___34_KV_BUS2 355983	18.16 0.38 -1.15	16.06 0.32 -1.25	15.56 0.30 -0.99	14.81 0.26 -0.89	14.86 0.24 -0.75	17.74 0.24 -0.56	19.28 0.22 -0.59	21.47 0.16 -0.81	24.19 0.23 -0.49	27.46 0.30 -0.19	28.55 0.28 -0.04	28.87 0.23 -0.29	34.15 0.40 0.00	35.34 0.28 0.00	35.45 -0.04 0.00	37.75 -0.11 0.00	34.28 -0.03 -3.90	41.75 -0.04 -3.43	39.75 -0.11 -2.49	38.04 -0.07 -1.49	33.34 0.13 -0.42	28.14 0.08 -0.87	25.50 0.12 -1.02	24.16 0.35 -0.65
STA_67___115KV_BK2 355882	18.26 0.47 -1.15	16.14 0.39 -1.26	15.66 0.39 -1.00	14.90 0.34 -0.89	14.95 0.32 -0.76	17.83 0.32 -0.56	19.34 0.28 -0.59	21.54 0.23 -0.82	24.24 0.28 -0.49	27.52 0.35 -0.19	28.58 0.31 -0.04	28.90 0.26 -0.29	34.18 0.44 0.00	35.37 0.32 0.00	35.49 0.00 0.00	37.79 -0.08 0.00	34.33 0.00 -3.93	41.81 0.00 -3.46	39.84 -0.04 -2.51	38.12 0.00 -1.50	33.37 0.16 -0.43	28.20 0.14 -0.87	25.58 0.19 -1.03	24.25 0.44 -0.65
STA_7___115KV_9TRANS 80674	18.39 0.60 -1.16	16.26 0.51 -1.26	15.76 0.49 -1.00	15.00 0.44 -0.89	15.05 0.42 -0.76	17.97 0.46 -0.56	19.49 0.42 -0.59	21.70 0.39 -0.82	24.45 0.49 -0.49	27.73 0.57 -0.19	28.83 0.56 -0.04	29.19 0.54 -0.29	34.52 0.78 0.00	35.72 0.67 0.00	35.81 0.32 0.00	38.13 0.27 0.00	34.61 0.27 -3.94	42.16 0.35 -3.46	40.18 0.30 -2.51	38.42 0.29 -1.51	33.70 0.49 -0.43	28.44 0.38 -0.87	25.77 0.39 -1.03	24.44 0.63 -0.65
STA_82___115KV_TB1 80780	18.26 0.47 -1.16	16.16 0.41 -1.27	15.68 0.40 -1.01	14.90 0.34 -0.90	14.96 0.32 -0.76	17.83 0.32 -0.57	19.36 0.30 -0.60	21.54 0.23 -0.82	24.27 0.31 -0.49	27.52 0.35 -0.20	28.61 0.34 -0.04	28.90 0.26 -0.29	34.22 0.47 0.00	35.37 0.32 0.00	35.49 0.00 0.00	37.79 -0.08 0.00	34.39 0.03 -3.96	41.83 0.00 -3.48	39.86 -0.04 -2.53	38.13 0.00 -1.52	33.41 0.20 -0.43	28.23 0.16 -0.88	25.61 0.22 -1.03	24.26 0.44 -0.66
STEEL___WIND 323596	18.58 0.38 -1.56	16.59 0.39 -1.71	15.98 0.36 -1.36	15.19 0.31 -1.21	15.16 0.26 -1.03	17.95 0.20 -0.80	19.30 -0.02 -0.85	21.50 -0.16 -1.17	24.15 -0.02 -0.70	27.25 0.00 -0.28	28.09 -0.20 -0.06	28.43 -0.34 -0.41	34.59 0.84 0.00	35.72 0.66 0.00	35.67 0.18 0.00	37.83 -0.04 0.00	35.60 -0.43 -5.62	42.61 -0.69 -4.95	40.25 -0.71 -3.59	38.37 -0.40 -2.15	32.93 -0.46 -0.61	28.28 -0.16 -1.25	25.83 0.00 -1.47	24.46 0.37 -0.93
STEPHTWN_115KV_BK_2 55603	28.30 0.35 -11.31	27.12 0.29 -12.33	24.35 0.27 -9.81	22.68 0.26 -8.76	21.59 0.29 -7.43	22.84 0.34 -5.55	24.68 0.37 -5.84	28.91 0.53 -7.89	28.82 0.73 -4.62	29.42 0.84 -1.61	29.39 0.96 -0.21	31.92 0.88 -2.69	34.11 0.91 0.55	36.00 0.95 0.00	36.64 1.17 0.02	38.93 1.36 0.30	67.54 1.06 -36.07	71.12 1.27 -31.50	61.34 1.31 -22.67	51.59 1.25 -13.73	38.17 1.18 -4.21	36.16 0.84 -8.13	34.79 0.73 -9.70	29.92 0.51 -6.25
STEUBEN_REC_LFGE 323667	19.20 0.55 -2.02	17.17 0.48 -2.20	16.49 0.47 -1.75	15.72 0.49 -1.56	15.67 0.47 -1.33	18.49 0.54 -1.01	20.12 0.59 -1.06	22.57 0.61 -1.46	25.12 0.77 -0.88	28.21 0.89 -0.35	29.20 0.90 -0.07	29.64 0.77 -0.52	35.57 1.82 0.00	36.78 1.72 0.00	36.87 1.38 0.00	39.27 1.40 0.00	38.17 0.73 -7.04	45.46 0.92 -6.19	42.76 0.90 -4.49	40.30 0.99 -2.69	34.43 0.89 -0.76	29.68 0.92 -1.56	27.00 0.80 -1.84	25.25 0.93 -1.17

STONY___BROOK 24151	31.56 1.51 -13.41	26.57 1.32 -10.75	24.57 1.28 -9.02	22.01 1.18 -7.17	21.18 1.22 -6.09	25.71 1.47 -7.29	27.28 1.59 -7.22	29.17 1.88 -6.80	30.03 2.37 -4.20	32.34 2.80 -2.57	35.62 2.74 -4.66	40.47 2.89 -9.22	53.81 3.41 -16.66	128.65 3.44 -90.16	134.23 3.66 -95.09	141.64 3.94 -99.83	285.43 3.16 -251.86	385.37 3.91 -343.11	332.79 3.62 -291.80	141.90 3.44 -101.84	137.80 3.08 -101.94	79.30 2.69 -49.42	52.61 2.51 -25.75	35.51 2.06 -10.29
STURGEON_POOL_HYD 23609	26.55 0.43 -9.48	25.19 0.36 -10.34	22.85 0.36 -8.22	21.34 0.34 -7.34	20.43 0.33 -6.23	22.01 0.41 -4.65	23.86 0.50 -4.90	28.11 0.78 -6.84	28.61 0.99 -4.16	30.09 1.38 -1.75	30.07 1.41 -0.43	32.17 1.33 -2.48	35.87 1.89 -0.24	36.92 1.86 0.00	37.66 2.16 -0.01	40.46 2.46 -0.13	66.39 2.22 -33.76	70.93 2.88 -29.70	61.66 2.65 -21.64	51.98 2.45 -12.91	37.98 1.67 -3.53	36.13 1.52 -7.42	34.23 1.19 -8.68	29.43 0.81 -5.46
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	25.77 0.48 -8.65	24.35 0.42 -9.43	22.17 0.40 -7.51	20.74 0.38 -6.70	19.94 0.39 -5.68	21.65 0.46 -4.25	23.49 0.55 -4.47	27.63 0.80 -6.34	28.39 1.03 -3.89	29.90 1.19 -1.74	29.93 1.21 -0.49	32.03 1.33 -2.34	35.85 1.62 -0.49	36.81 1.75 0.00	37.49 1.99 -0.02	40.29 2.16 -0.27	64.34 1.89 -32.05	69.12 2.38 -28.40	60.39 2.24 -20.78	51.04 2.09 -12.33	37.67 1.67 -3.22	35.59 1.39 -7.01	33.66 1.17 -8.13	29.07 0.83 -5.07
SWANROAD_115KV_TB1 355699	18.16 0.08 -1.44	16.16 0.10 -1.57	15.59 0.07 -1.25	14.80 0.03 -1.11	14.80 -0.01 -0.94	17.60 -0.08 -0.74	18.82 -0.42 -0.78	20.90 -0.68 -1.08	23.50 -0.61 -0.65	26.50 -0.73 -0.26	27.32 -0.96 -0.05	27.55 -1.19 -0.38	33.10 -0.64 0.00	34.08 -0.98 0.00	34.07 -1.42 0.00	36.13 -1.74 0.00	34.16 -1.43 -5.18	40.99 -1.92 -4.56	38.85 -1.83 -3.31	37.03 -1.57 -1.98	31.90 -1.44 -0.56	27.34 -1.01 -1.15	25.03 -0.68 -1.36	23.86 -0.16 -0.86
SYNERGY___BIOGAS 323694	18.68 0.71 -1.33	16.58 0.64 -1.45	16.05 0.63 -1.15	15.24 0.55 -1.03	15.26 0.51 -0.87	18.21 0.59 -0.67	19.62 0.44 -0.71	21.84 0.37 -0.98	24.57 0.52 -0.59	27.77 0.57 -0.23	28.67 0.39 -0.05	28.99 0.28 -0.35	34.69 0.94 0.00	35.83 0.77 0.00	35.74 0.25 0.00	37.98 0.11 0.00	35.14 0.03 -4.71	42.49 0.00 -4.14	40.37 0.00 -3.00	38.60 0.18 -1.80	33.65 0.36 -0.51	28.59 0.35 -1.05	26.05 0.46 -1.23	24.73 0.79 -0.78
SYRACUSE___ENERGY_ST1 323597	18.45 0.17 -1.65	16.22 0.14 -1.58	15.82 0.13 -1.42	15.04 0.12 -1.25	14.83 0.11 -0.84	18.05 0.15 -0.95	19.63 0.20 -0.96	21.68 0.16 -1.02	24.39 0.12 -0.80	27.89 0.16 -0.76	29.08 0.20 -0.66	29.28 0.17 -0.75	34.72 0.27 -0.70	36.07 0.28 -0.74	36.33 0.14 -0.70	38.86 0.19 -0.80	34.18 0.09 -3.68	41.79 0.15 -3.29	40.48 0.11 -3.00	38.86 0.07 -2.17	34.00 0.07 -1.16	28.73 0.05 -1.49	25.76 0.02 -1.38	24.48 0.14 -1.18
SYRACUSE___ENERGY_ST2 323598	18.45 0.17 -1.65	16.22 0.14 -1.58	15.82 0.13 -1.42	15.04 0.12 -1.25	14.83 0.11 -0.84	18.05 0.15 -0.95	19.63 0.20 -0.96	21.68 0.16 -1.02	24.39 0.12 -0.80	27.89 0.16 -0.76	29.08 0.20 -0.66	29.28 0.17 -0.75	34.72 0.27 -0.70	36.07 0.28 -0.74	36.33 0.14 -0.70	38.86 0.19 -0.80	34.18 0.09 -3.68	41.79 0.15 -3.29	40.48 0.11 -3.00	38.86 0.07 -2.17	34.00 0.07 -1.16	28.73 0.05 -1.49	25.76 0.02 -1.38	24.48 0.14 -1.18
SYRACUSE___POWER 24017	18.45 0.12 -1.70	16.22 0.09 -1.64	15.80 0.07 -1.46	15.04 0.08 -1.29	14.81 0.07 -0.87	18.01 0.08 -0.98	19.59 0.13 -0.99	21.63 0.08 -1.05	24.32 0.02 -0.83	27.78 0.03 -0.78	28.95 0.06 -0.67	29.16 0.03 -0.77	34.60 0.13 -0.72	35.95 0.14 -0.75	36.24 0.04 -0.71	38.72 0.04 -0.82	34.22 0.00 -3.82	41.76 0.00 -3.41	40.44 -0.04 -3.10	38.82 -0.04 -2.24	33.94 -0.03 -1.19	28.70 -0.03 -1.54	25.71 -0.07 -1.43	24.43 0.05 -1.22
TALLMAN___138KV_BK151 55660	26.08 0.57 -8.88	24.67 0.49 -9.68	22.45 0.47 -7.71	20.99 0.45 -6.88	20.16 0.46 -5.83	21.85 0.54 -4.36	23.68 0.63 -4.59	27.93 0.92 -6.51	28.66 1.20 -4.00	30.12 1.35 -1.80	30.15 1.41 -0.51	32.32 1.56 -2.41	36.12 1.86 -0.52	37.09 2.03 0.00	37.78 2.27 -0.02	40.65 2.50 -0.29	65.56 2.16 -33.00	70.32 2.72 -29.24	61.31 2.54 -21.40	51.62 2.31 -12.70	37.92 1.84 -3.31	35.96 1.55 -7.22	34.04 1.32 -8.37	29.28 0.90 -5.21
TEALLAVE_115KV_TB7 355573	18.33 0.07 -1.63	16.08 0.06 -1.53	15.71 0.04 -1.40	14.95 0.05 -1.23	14.71 0.04 -0.79	17.96 0.05 -0.97	19.53 0.09 -0.97	21.50 0.02 -0.98	24.23 -0.05 -0.81	27.72 -0.08 -0.83	28.95 -0.03 -0.75	29.07 -0.09 -0.80	34.56 0.00 -0.81	35.91 0.00 -0.85	36.15 -0.14 -0.81	38.68 -0.11 -0.93	33.59 -0.12 -3.31	41.17 -0.15 -2.97	40.05 -0.19 -2.87	38.55 -0.22 -2.15	33.82 -0.20 -1.24	28.54 -0.16 -1.51	25.54 -0.17 -1.35	24.35 -0.02 -1.21
TELGRAPH_34_KV_EAST 80808	18.47 0.47 -1.37	16.41 0.42 -1.50	15.86 0.40 -1.19	15.07 0.34 -1.06	15.08 0.31 -0.90	17.95 0.31 -0.70	19.31 0.11 -0.74	21.47 -0.04 -1.02	24.15 0.07 -0.61	27.29 0.08 -0.24	28.19 -0.08 -0.05	28.43 -0.28 -0.36	34.12 0.37 0.00	35.16 0.11 0.00	35.17 -0.32 0.00	37.30 -0.57 0.00	34.77 -0.52 -4.89	41.92 -0.73 -4.30	39.78 -0.71 -3.12	38.01 -0.48 -1.87	32.98 -0.33 -0.53	28.11 -0.16 -1.08	25.66 0.02 -1.28	24.41 0.44 -0.81
TEMPLE___115KV_TB 2 55572	18.34 0.08 -1.63	16.09 0.07 -1.53	15.72 0.06 -1.39	14.96 0.07 -1.23	14.72 0.06 -0.80	17.97 0.07 -0.96	19.54 0.11 -0.96	21.52 0.04 -0.98	24.25 -0.02 -0.81	27.76 -0.03 -0.82	28.96 0.00 -0.73	29.12 -0.03 -0.79	34.60 0.07 -0.79	35.92 0.04 -0.83	36.21 -0.07 -0.79	38.70 -0.08 -0.90	33.65 -0.09 -3.34	41.23 -0.12 -3.00	40.09 -0.15 -2.87	38.57 -0.18 -2.14	33.84 -0.16 -1.22	28.56 -0.14 -1.50	25.56 -0.15 -1.35	24.36 0.00 -1.20
TIANA___69_KV_BK 1 55817	31.91 1.86 -13.41	26.88 1.64 -10.75	24.88 1.60 -9.02	22.31 1.48 -7.17	21.45 1.50 -6.08	26.06 1.83 -7.29	27.70 2.01 -7.22	29.69 2.40 -6.80	30.64 2.98 -4.20	33.15 3.61 -2.57	36.52 3.64 -4.65	41.22 3.86 -9.01	52.81 4.62 -14.44	125.02 4.80 -85.16	131.70 5.07 -91.14	138.58 5.45 -95.26	274.50 4.38 -239.72	369.45 5.45 -325.65	319.24 5.12 -276.75	138.37 4.87 -96.88	133.54 4.33 -96.43	77.93 3.67 -47.07	51.19 3.26 -23.57	36.12 2.69 -10.27
TILDEN___115KV_TB1 80814	18.45 0.12 -1.70	16.22 0.09 -1.64	15.80 0.07 -1.46	15.04 0.08 -1.29	14.81 0.07 -0.87	18.01 0.08 -0.98	19.59 0.13 -0.99	21.63 0.08 -1.05	24.32 0.02 -0.83	27.78 0.03 -0.78	28.95 0.06 -0.67	29.16 0.03 -0.77	34.60 0.13 -0.72	35.95 0.14 -0.75	36.24 0.04 -0.71	38.72 0.04 -0.82	34.22 0.00 -3.82	41.76 0.00 -3.41	40.44 -0.04 -3.10	38.82 -0.04 -2.24	33.94 -0.03 -1.19	28.70 -0.03 -1.54	25.71 -0.07 -1.43	24.43 0.05 -1.22
TRIGEN___CC 323695	31.04 1.00 -13.41	26.12 0.87 -10.75	24.13 0.84 -9.02	21.62 0.79 -7.17	20.76 0.80 -6.08	25.20 0.97 -7.29	26.74 1.05 -7.22	28.68 1.39 -6.80	29.47 1.81 -4.20	31.59 2.05 -2.57	34.55 2.03 -4.29	35.58 2.21 -5.01	36.91 2.60 -0.57	38.73 2.77 -0.90	63.14 2.98 -24.67	59.28 3.22 -18.20	67.57 2.61 -34.55	72.20 3.22 -30.63	62.79 2.99 -22.43	52.74 2.82 -13.30	38.82 2.46 -3.58	36.91 2.18 -7.55	36.20 1.90 -9.94	34.81 1.46 -10.19

TRINITY__115KV__4 BK 55933	28.16 0.18 -11.34	27.01 0.16 -12.36	24.26 0.16 -9.84	22.59 0.15 -8.78	21.49 0.17 -7.45	22.70 0.19 -5.57	24.51 0.18 -5.86	28.70 0.31 -7.90	28.57 0.47 -4.63	29.15 0.57 -1.61	29.06 0.62 -0.21	31.61 0.57 -2.69	33.74 0.54 0.55	35.65 0.60 0.00	36.21 0.75 0.02	38.44 0.87 0.30	67.22 0.67 -36.14	70.72 0.81 -31.56	60.90 0.82 -22.71	51.14 0.77 -13.75	37.72 0.72 -4.22	35.85 0.52 -8.14	34.54 0.46 -9.72	29.68 0.25 -6.26
UNION__PROCESSING_DRP 323587	18.28 0.48 -1.16	16.18 0.42 -1.27	15.68 0.40 -1.01	14.92 0.36 -0.90	14.97 0.33 -0.76	17.85 0.34 -0.57	19.36 0.30 -0.60	21.56 0.25 -0.83	24.27 0.31 -0.49	27.55 0.38 -0.20	28.61 0.34 -0.04	28.93 0.28 -0.29	34.22 0.47 0.00	35.41 0.35 0.00	35.52 0.04 0.00	37.79 -0.08 0.00	34.40 0.03 -3.97	41.88 0.04 -3.49	39.90 0.00 -2.53	38.17 0.04 -1.52	33.41 0.20 -0.43	28.23 0.16 -0.88	25.61 0.22 -1.04	24.28 0.46 -0.66
UPPER HUDSON__HYD 24058	29.44 1.08 -11.73	28.21 0.93 -12.78	25.33 0.88 -10.17	23.59 0.85 -9.08	22.43 0.86 -7.70	23.77 1.07 -5.76	25.19 0.66 -6.06	29.52 0.86 -8.17	29.38 1.13 -4.78	29.95 1.32 -1.65	29.51 1.07 -0.21	32.10 0.96 -2.78	34.34 1.18 0.59	36.36 1.30 0.00	37.06 1.60 0.02	39.44 1.89 0.32	69.17 1.49 -37.27	72.66 1.77 -32.54	62.79 2.02 -23.40	53.00 2.20 -14.18	39.34 2.20 -4.36	37.12 1.52 -8.40	35.49 1.10 -10.04	30.49 0.86 -6.47
UPPER RAQUET__HYD 24056	-6.67 -2.59 20.71	-4.52 -2.26 16.75	-5.46 -2.20 17.54	-4.22 -2.09 15.79	-1.00 -2.08 12.79	-3.81 -2.47 18.28	-3.50 -2.66 19.31	-1.00 -2.99 18.50	-1.00 -3.61 20.85	0.10 -4.15 22.72	0.10 -4.37 23.75	0.20 -4.45 23.71	3.71 -5.47 24.56	3.22 -5.58 26.26	8.02 -5.64 21.82	2.27 -6.13 29.46	0.20 -4.77 25.43	0.10 -5.87 32.38	-1.00 -5.38 32.99	-1.00 -5.20 32.42	3.37 -4.82 24.60	0.20 -4.02 22.97	5.31 -3.68 15.37	0.25 -3.57 19.35
VALLEY44_115KV_TB2 355964	18.30 -0.08 -1.75	16.37 -0.03 -1.90	15.71 -0.07 -1.51	14.95 -0.07 -1.35	14.92 -0.10 -1.15	17.60 -0.24 -0.89	19.00 -0.41 -0.94	21.29 -0.49 -1.29	23.84 -0.40 -0.77	26.85 -0.43 -0.31	27.81 -0.48 -0.07	28.19 -0.62 -0.46	35.16 1.42 0.00	36.32 1.26 0.00	36.37 0.89 0.00	38.66 0.80 0.00	35.92 -0.70 -6.21	42.82 -1.00 -5.46	40.33 -1.01 -3.96	38.26 -0.73 -2.38	32.80 -0.66 -0.67	28.13 -0.44 -1.38	25.66 -0.32 -1.62	24.08 -0.12 -1.03
VALLEY__115KV_TB 1-4 80826	16.65 0.02 0.00	14.51 0.01 0.00	14.28 0.01 0.00	13.66 0.00 0.00	13.89 0.01 0.00	16.96 0.02 0.00	18.62 0.06 -0.09	20.69 0.06 -0.13	23.62 0.07 -0.08	27.08 0.08 -0.03	28.29 0.06 -0.01	28.43 0.03 -0.05	33.74 0.00 0.00	35.09 0.04 0.00	35.49 0.00 0.00	37.83 -0.04 0.00	31.03 0.00 -0.63	38.86 -0.04 -0.55	37.77 0.00 -0.40	36.86 0.00 -0.24	32.78 -0.07 -0.07	27.36 0.03 -0.14	24.57 0.05 -0.16	23.34 0.07 -0.10
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	21.18 0.78 -3.76	19.30 0.71 -4.10	18.24 0.71 -3.26	17.24 0.67 -2.91	17.05 0.71 -2.47	19.69 0.90 -1.85	21.28 0.87 -1.95	24.23 1.05 -2.69	26.32 1.24 -1.61	29.09 1.48 -0.64	29.89 1.52 -0.14	30.87 1.56 -0.95	35.67 1.92 0.00	37.13 2.07 0.00	37.54 2.06 0.00	39.95 2.08 0.00	44.95 1.64 -12.91	51.74 2.03 -11.35	47.74 2.13 -8.24	43.68 2.12 -4.94	35.99 1.80 -1.40	31.55 1.50 -2.87	28.97 1.24 -3.37	26.39 1.09 -2.14
VISCHER__FERRY HYD 24020	28.56 0.45 -11.48	27.41 0.41 -12.52	24.61 0.39 -9.96	22.92 0.37 -8.88	21.79 0.37 -7.54	23.04 0.46 -5.64	24.84 0.44 -5.93	29.01 0.59 -7.93	28.84 0.77 -4.60	29.36 0.89 -1.50	29.29 0.93 -0.13	31.98 0.96 -2.65	34.05 1.08 0.78	36.21 1.16 0.00	36.77 1.31 0.03	38.96 1.52 0.43	67.09 1.18 -35.50	70.75 1.49 -30.91	61.01 1.50 -22.15	51.56 1.47 -13.48	38.43 1.38 -4.27	36.27 1.03 -8.05	34.88 0.85 -9.67	30.03 0.60 -6.27
V_A_10_SYNC_DSASP 323832	18.24 0.32 -1.29	16.22 0.32 -1.41	15.69 0.30 -1.12	14.90 0.23 -1.00	14.92 0.19 -0.85	17.75 0.12 -0.69	19.12 -0.07 -0.72	21.23 -0.27 -1.00	23.90 -0.16 -0.60	26.99 -0.22 -0.24	27.85 -0.42 -0.05	28.11 -0.60 -0.35	33.44 -0.30 0.00	34.49 -0.56 0.00	34.46 -1.03 0.00	36.58 -1.29 0.00	34.44 -0.76 -4.80	41.54 -1.03 -4.22	39.39 -1.05 -3.06	37.58 -0.88 -1.84	32.52 -0.79 -0.52	27.77 -0.49 -1.07	25.34 -0.27 -1.25	24.14 0.18 -0.80
V_CMM_10_SYNC_DSASP 323787	1.05 -2.59 12.99	1.54 -2.29 10.66	1.04 -2.23 11.00	1.53 -2.13 10.01	1.23 -2.12 10.52	1.57 -2.54 12.83	2.66 -2.75 13.06	3.04 -3.07 14.38	4.07 -3.54 15.85	7.89 -4.07 15.01	8.35 -4.18 15.70	6.90 -4.17 17.29	12.77 -5.06 15.91	12.83 -5.15 17.08	16.58 -5.18 13.72	12.92 -5.64 19.30	4.09 -4.47 21.84	4.12 -5.64 28.60	9.99 -5.46 21.92	10.01 -5.35 21.26	12.81 -4.52 15.45	8.95 -3.83 14.41	11.34 -3.38 9.63	7.73 -3.29 12.14
V_CMP_10_SYNC_DSASP 323788	0.34 -2.78 13.51	1.07 -2.35 11.07	0.54 -2.28 11.44	1.15 -2.12 10.40	1.13 -2.07 10.67	1.37 -2.37 13.20	2.42 -2.57 13.48	2.99 -2.85 14.66	4.06 -3.21 16.19	7.85 -3.59 15.53	8.40 -3.59 16.24	7.06 -3.57 17.73	12.99 -4.25 16.50	13.04 -4.31 17.70	16.92 -4.30 14.27	13.14 -4.73 19.99	4.55 -3.77 22.09	4.70 -4.79 28.85	10.06 -4.64 22.67	10.06 -4.54 22.02	13.00 -3.70 16.07	9.02 -3.18 14.99	11.56 -2.78 10.02	7.80 -2.73 12.63
V_E_10_SYNC_DSASP 323830	20.65 1.23 -2.79	18.66 1.13 -3.04	17.84 1.16 -2.42	16.91 1.09 -2.16	16.86 1.15 -1.83	19.78 1.46 -1.37	21.56 1.64 -1.45	24.27 1.78 -2.00	26.57 1.90 -1.20	29.61 2.16 -0.47	30.50 2.17 -0.10	31.22 2.15 -0.71	36.58 2.83 0.00	38.07 3.02 0.00	38.29 2.80 0.00	40.67 2.80 0.00	42.31 2.31 -9.60	49.82 3.03 -8.44	46.93 3.44 -6.13	43.77 3.48 -3.67	36.78 2.95 -1.04	31.71 2.39 -2.13	28.84 1.97 -2.51	26.63 1.88 -1.59
V_F_30_NSYNC__DSASP 323816	29.21 0.88 -11.69	27.99 0.75 -12.75	25.14 0.73 -10.14	23.41 0.70 -9.05	22.26 0.71 -7.68	23.57 0.88 -5.74	25.30 0.79 -6.04	29.61 0.98 -8.13	29.44 1.22 -4.75	30.03 1.43 -1.63	29.83 1.41 -0.20	32.50 1.39 -2.76	34.78 1.65 0.62	36.81 1.75 0.00	37.45 1.99 0.02	39.80 2.27 0.34	69.20 1.79 -37.00	72.83 2.18 -32.29	62.86 2.28 -23.21	52.96 2.27 -14.07	39.30 2.16 -4.35	37.17 1.63 -8.35	35.60 1.27 -9.98	30.64 1.04 -6.44
V_F_30_SYNC_DSASP 323786	28.33 0.27 -11.43	27.19 0.23 -12.46	24.41 0.23 -9.92	22.73 0.22 -8.85	21.62 0.24 -7.51	22.83 0.27 -5.61	24.65 0.28 -5.90	28.89 0.43 -7.97	28.75 0.61 -4.67	29.32 0.73 -1.62	29.22 0.79 -0.21	31.80 0.74 -2.71	33.96 0.78 0.56	35.86 0.81 0.00	36.49 1.03 0.02	38.73 1.17 0.31	67.73 0.91 -36.41	71.22 1.07 -31.80	61.29 1.05 -22.87	51.46 0.99 -13.86	37.99 0.95 -4.25	36.10 0.71 -8.21	34.74 0.58 -9.80	29.87 0.39 -6.31
V_XM_10_SYNC_DSASP 323789	0.34 -2.78 13.51	1.07 -2.35 11.07	0.54 -2.28 11.44	1.15 -2.12 10.40	1.13 -2.07 10.67	1.37 -2.37 13.20	2.42 -2.57 13.48	2.99 -2.85 14.66	4.06 -3.21 16.19	7.85 -3.59 15.53	8.40 -3.59 16.24	7.06 -3.57 17.73	12.99 -4.25 16.50	13.04 -4.31 17.70	16.92 -4.30 14.27	13.14 -4.73 19.99	4.55 -3.77 22.09	4.70 -4.79 28.85	10.06 -4.64 22.67	10.06 -4.54 22.02	13.00 -3.70 16.07	9.02 -3.18 14.99	11.56 -2.78 10.02	7.80 -2.73 12.63

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	26.20 0.63 -8.94	24.78 0.55 -9.74	22.53 0.51 -7.75	21.07 0.49 -6.91	20.24 0.50 -5.87	21.94 0.61 -4.39	23.77 0.68 -4.61	28.05 1.00 -6.55	28.76 1.27 -4.02	30.21 1.43 -1.81	30.21 1.47 -0.52	32.42 1.64 -2.42	36.23 1.96 -0.53	37.20 2.14 0.00	37.92 2.41 -0.02	40.77 2.61 -0.29	65.90 2.28 -33.21	70.66 2.88 -29.44	61.61 2.69 -21.54	51.85 2.45 -12.78	38.07 1.97 -3.33	36.11 1.66 -7.26	34.16 1.39 -8.42	29.38 0.97 -5.24
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	26.64 0.75 -9.26	25.24 0.65 -10.09	22.90 0.60 -8.03	21.39 0.56 -7.17	20.52 0.57 -6.08	22.19 0.69 -4.55	24.08 0.83 -4.78	28.52 1.23 -6.80	29.22 1.57 -4.18	30.73 1.86 -1.89	30.66 1.89 -0.55	32.92 2.04 -2.52	36.71 2.40 -0.57	37.58 2.52 0.00	38.35 2.84 -0.02	41.25 3.07 -0.31	67.59 2.65 -34.54	72.27 3.30 -30.62	62.89 3.10 -22.42	52.70 2.78 -13.29	38.46 2.23 -3.45	36.67 1.93 -7.55	34.75 1.66 -8.74	29.81 1.20 -5.44
W50THST__13_KV_LOAD 356117	26.72 0.83 -9.26	25.31 0.72 -10.09	22.98 0.68 -8.03	21.46 0.63 -7.17	20.59 0.64 -6.08	22.29 0.80 -4.55	24.21 0.96 -4.78	28.66 1.37 -6.80	29.38 1.74 -4.18	30.94 2.08 -1.89	30.89 2.12 -0.55	33.14 2.27 -2.52	36.98 2.67 -0.57	37.90 2.84 0.00	38.63 3.12 -0.02	41.59 3.41 -0.31	67.83 2.89 -34.54	72.57 3.60 -30.62	63.15 3.36 -22.42	52.95 3.04 -13.29	38.65 2.43 -3.45	36.86 2.12 -7.55	34.90 1.80 -8.74	29.92 1.32 -5.44
WADING RIVER_IC_1 23522	31.69 1.65 -13.41	26.68 1.44 -10.75	24.69 1.40 -9.02	22.11 1.28 -7.17	21.29 1.33 -6.09	25.84 1.61 -7.29	27.46 1.77 -7.22	29.40 2.11 -6.80	30.29 2.63 -4.20	32.67 3.13 -2.57	36.01 3.13 -4.66	40.69 3.32 -9.02	52.13 3.98 -14.40	124.57 4.06 -85.45	131.18 4.33 -91.37	138.05 4.66 -95.52	274.59 3.77 -240.42	369.69 4.68 -326.66	319.39 4.41 -277.61	137.96 4.17 -97.17	133.27 3.74 -96.75	77.60 3.21 -47.20	50.76 2.87 -23.53	35.77 2.34 -10.27
WADING RIVER_IC_2 23547	31.69 1.65 -13.41	26.68 1.44 -10.75	24.69 1.40 -9.02	22.11 1.28 -7.17	21.29 1.33 -6.09	25.84 1.61 -7.29	27.46 1.77 -7.22	29.40 2.11 -6.80	30.29 2.63 -4.20	32.67 3.13 -2.57	36.01 3.13 -4.66	40.69 3.32 -9.02	52.13 3.98 -14.40	124.57 4.06 -85.45	131.18 4.33 -91.37	138.05 4.66 -95.52	274.59 3.77 -240.42	369.69 4.68 -326.66	319.39 4.41 -277.61	137.96 4.17 -97.17	133.27 3.74 -96.75	77.60 3.21 -47.20	50.76 2.87 -23.53	35.77 2.34 -10.27
WADING RIVER_IC_3 23601	31.69 1.65 -13.41	26.68 1.44 -10.75	24.69 1.40 -9.02	22.11 1.28 -7.17	21.29 1.33 -6.09	25.84 1.61 -7.29	27.46 1.77 -7.22	29.40 2.11 -6.80	30.29 2.63 -4.20	32.67 3.13 -2.57	36.01 3.13 -4.66	40.69 3.32 -9.02	52.13 3.98 -14.40	124.57 4.06 -85.45	131.18 4.33 -91.37	138.05 4.66 -95.52	274.59 3.77 -240.42	369.69 4.68 -326.66	319.39 4.41 -277.61	137.96 4.17 -97.17	133.27 3.74 -96.75	77.60 3.21 -47.20	50.76 2.87 -23.53	35.77 2.34 -10.27
WALDENNY_I2_KV_BK2 80841	18.58 0.40 -1.55	16.56 0.38 -1.69	15.96 0.34 -1.35	15.16 0.30 -1.20	15.17 0.28 -1.02	17.95 0.20 -0.80	19.31 0.00 -0.84	21.51 -0.14 -1.16	24.16 0.00 -0.70	27.27 0.03 -0.28	28.17 -0.11 -0.06	28.46 -0.31 -0.41	34.59 0.84 0.00	35.62 0.56 0.00	35.66 0.18 0.00	37.83 -0.04 0.00	35.59 -0.40 -5.58	42.60 -0.65 -4.91	40.26 -0.67 -3.56	38.39 -0.37 -2.13	32.99 -0.39 -0.61	28.27 -0.16 -1.24	25.84 0.02 -1.46	24.48 0.39 -0.92
WALDEN___HYDRO 24148	26.25 0.63 -8.99	24.81 0.52 -9.80	22.58 0.51 -7.80	21.10 0.48 -6.96	20.26 0.49 -5.90	21.95 0.59 -4.41	23.79 0.68 -4.64	27.99 0.94 -6.56	28.63 1.15 -4.01	30.09 1.35 -1.77	30.07 1.35 -0.49	32.21 1.45 -2.41	35.97 1.79 -0.44	36.98 1.93 0.00	37.70 2.20 -0.02	40.53 2.43 -0.24	65.57 2.19 -32.97	70.36 2.84 -29.18	61.42 2.73 -21.33	51.89 2.60 -12.67	38.23 2.10 -3.34	36.13 1.71 -7.22	34.19 1.44 -8.40	29.47 1.07 -5.24
WARRENSBURG____ 23737	29.44 1.08 -11.73	28.21 0.93 -12.78	25.33 0.88 -10.17	23.59 0.85 -9.08	22.43 0.86 -7.70	23.77 1.07 -5.76	25.19 0.66 -6.06	29.52 0.86 -8.17	29.38 1.13 -4.78	29.95 1.32 -1.65	29.51 1.07 -0.21	32.10 0.96 -2.78	34.34 1.18 0.59	36.36 1.30 0.00	37.06 1.60 0.02	39.44 1.89 0.32	69.17 1.49 -37.27	72.66 1.77 -32.54	62.79 2.02 -23.40	53.00 2.20 -14.18	39.34 2.20 -4.36	37.12 1.52 -8.40	35.49 1.10 -10.04	30.49 0.86 -6.47
WATERSIDE___6 8 9 23538	26.69 0.80 -9.26	25.25 0.67 -10.09	22.91 0.61 -8.03	21.39 0.56 -7.17	20.52 0.57 -6.08	22.19 0.69 -4.55	24.06 0.81 -4.78	28.50 1.21 -6.80	29.17 1.53 -4.18	30.75 1.89 -1.89	30.66 1.89 -0.55	32.92 2.04 -2.52	36.61 2.29 -0.57	37.58 2.52 0.00	38.31 2.80 -0.02	41.10 2.92 -0.31	67.49 2.55 -34.53	72.18 3.22 -30.61	62.70 2.91 -22.41	52.61 2.71 -13.29	38.33 2.10 -3.45	36.67 1.93 -7.55	34.78 1.68 -8.74	29.83 1.23 -5.44
WATKINRD_115KV_LN8_ILLION 55919	16.62 -0.02 0.00	14.49 0.00 0.00	14.27 0.00 0.00	13.65 -0.01 0.00	13.87 0.00 0.00	16.95 0.00 0.00	18.56 0.00 -0.09	20.62 0.00 -0.13	23.55 0.00 -0.08	26.98 -0.03 -0.03	28.20 -0.03 -0.01	28.35 -0.06 -0.05	33.68 -0.07 0.00	35.02 -0.04 0.00	35.42 -0.07 0.00	37.75 -0.11 0.00	30.97 -0.06 -0.63	38.83 -0.08 -0.55	37.77 0.00 -0.40	36.86 0.00 -0.24	32.82 -0.03 -0.07	27.33 0.00 -0.14	24.52 0.00 -0.16	23.27 0.00 -0.10
WATSON___69_KV_BK 1 55734	31.66 1.61 -13.41	26.67 1.42 -10.75	24.66 1.37 -9.02	22.10 1.27 -7.17	21.26 1.30 -6.08	25.83 1.59 -7.29	27.44 1.75 -7.22	29.42 2.13 -6.80	30.32 2.65 -4.20	32.69 3.16 -2.57	35.83 3.13 -4.47	38.66 3.35 -6.96	51.36 3.95 -13.67	81.04 4.00 -41.99	96.80 4.22 -57.09	98.19 4.54 -55.78	168.65 3.65 -134.60	217.37 4.53 -174.50	188.08 4.26 -146.44	94.67 3.99 -54.06	85.25 3.61 -48.86	57.11 3.10 -26.82	50.05 2.87 -22.82	35.73 2.34 -10.23
WDELAWARE___HYD 323627	25.41 0.45 -8.32	23.93 0.36 -9.08	21.85 0.36 -7.22	20.43 0.33 -6.44	19.69 0.35 -5.47	21.44 0.41 -4.09	23.19 0.43 -4.30	27.21 0.68 -6.04	28.11 0.91 -3.73	29.63 1.05 -1.61	29.69 1.04 -0.42	31.78 1.19 -2.23	35.57 1.52 -0.31	36.77 1.72 0.00	37.41 1.91 -0.01	40.16 2.12 -0.17	62.89 2.01 -30.47	67.36 2.46 -26.56	59.14 2.39 -19.38	50.39 2.23 -11.54	37.58 1.70 -3.10	35.24 1.44 -6.61	33.22 1.17 -7.70	28.80 0.81 -4.83
WEST BABYLON___IC 23714	31.54 1.50 -13.41	26.55 1.30 -10.75	24.54 1.26 -9.02	22.01 1.18 -7.17	21.16 1.21 -6.08	25.69 1.46 -7.29	27.31 1.63 -7.22	29.28 1.99 -6.80	30.17 2.51 -4.20	32.45 2.91 -2.57	35.47 2.91 -4.34	36.96 3.09 -5.51	42.69 3.61 -5.33	50.23 3.68 -11.50	72.42 3.90 -33.03	69.96 4.20 -27.89	94.13 3.37 -60.35	110.25 4.18 -67.72	95.70 3.92 -54.40	64.12 3.70 -23.81	51.38 3.34 -15.25	42.59 2.88 -12.52	41.69 2.70 -14.63	35.54 2.18 -10.20
WEST CANADA___HYD 24049	16.57 -0.07 0.00	14.44 -0.06 0.00	14.21 -0.06 0.00	13.61 -0.05 0.00	13.82 -0.06 0.00	16.88 -0.07 0.00	18.45 -0.11 -0.09	20.50 -0.12 -0.13	23.41 -0.14 -0.08	26.84 -0.16 -0.03	28.06 -0.17 -0.01	28.23 -0.17 -0.05	33.54 -0.20 0.00	34.85 -0.21 0.00	35.31 -0.18 0.00	37.64 -0.23 0.00	30.88 -0.15 -0.63	38.67 -0.23 -0.55	37.59 -0.19 -0.40	36.68 -0.18 -0.24	32.69 -0.16 -0.07	27.19 -0.14 -0.16	24.40 -0.12 -0.16	23.15 -0.12 -0.10



WESTERN_NY_WIND 24143	18.68 0.70 -1.35	16.58 0.62 -1.47	16.05 0.61 -1.17	15.24 0.53 -1.04	15.26 0.50 -0.88	18.19 0.56 -0.68	19.59 0.41 -0.72	21.81 0.33 -0.99	24.53 0.47 -0.60	27.72 0.51 -0.24	28.62 0.34 -0.05	28.93 0.23 -0.35	34.62 0.88 0.00	35.79 0.74 0.00	35.67 0.18 0.00	37.91 0.04 0.00	35.15 -0.03 -4.78	42.47 -0.08 -4.20	40.34 -0.07 -3.05	38.56 0.11 -1.83	33.59 0.29 -0.52	28.55 0.30 -1.06	26.02 0.41 -1.25	24.72 0.76 -0.79
WESTOVER___LESR 323668	19.85 0.28 -2.93	17.94 0.25 -3.20	17.04 0.23 -2.55	16.15 0.22 -2.27	16.01 0.21 -1.93	18.63 0.24 -1.45	20.25 0.26 -1.53	22.89 0.29 -2.11	25.11 0.38 -1.26	27.90 0.43 -0.50	28.78 0.45 -0.11	29.53 0.43 -0.75	34.69 0.94 0.00	36.00 0.95 0.00	36.30 0.82 0.00	38.70 0.83 0.00	40.98 0.46 -10.12	47.83 0.58 -8.90	44.39 0.56 -6.46	41.08 0.59 -3.87	34.41 0.52 -1.10	29.90 0.46 -2.25	27.39 0.39 -2.64	25.23 0.39 -1.68
WETHRSFD_WT_PWR 323626	18.66 0.28 -1.74	16.68 0.29 -1.90	16.05 0.27 -1.51	15.27 0.26 -1.35	15.24 0.22 -1.14	18.02 0.19 -0.88	19.44 0.04 -0.93	21.70 -0.08 -1.29	24.28 0.05 -0.77	27.36 0.08 -0.31	28.23 -0.06 -0.07	28.61 -0.20 -0.45	34.45 0.71 0.00	35.62 0.56 0.00	35.63 0.14 0.00	37.87 0.00 0.00	36.27 -0.30 -6.17	43.28 -0.50 -5.43	40.82 -0.49 -3.94	38.73 -0.25 -2.36	33.19 -0.26 -0.67	28.56 0.00 -1.37	26.07 0.10 -1.61	24.55 0.37 -1.02
WHAVSTOR_138KV_BK127 55557	26.11 0.53 -8.95	24.71 0.46 -9.75	22.47 0.44 -7.76	21.01 0.42 -6.92	20.19 0.44 -5.87	21.85 0.51 -4.39	23.68 0.59 -4.62	27.93 0.88 -6.56	28.62 1.13 -4.03	30.08 1.29 -1.82	30.07 1.33 -0.52	32.26 1.47 -2.43	36.03 1.75 -0.53	36.95 1.89 0.00	37.64 2.13 -0.02	40.51 2.35 -0.29	65.70 2.04 -33.26	70.39 2.57 -29.47	61.33 2.39 -21.57	51.58 2.16 -12.80	37.85 1.74 -3.33	35.93 1.47 -7.27	34.00 1.22 -8.43	29.24 0.83 -5.25
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	26.11 0.53 -8.95	24.71 0.46 -9.75	22.47 0.44 -7.76	21.01 0.42 -6.92	20.19 0.44 -5.87	21.85 0.51 -4.39	23.68 0.59 -4.62	27.93 0.88 -6.56	28.62 1.13 -4.03	30.08 1.29 -1.82	30.07 1.33 -0.52	32.26 1.47 -2.43	36.03 1.75 -0.53	36.95 1.89 0.00	37.64 2.13 -0.02	40.51 2.35 -0.29	65.70 2.04 -33.26	70.39 2.57 -29.47	61.33 2.39 -21.57	51.58 2.16 -12.80	37.85 1.74 -3.33	35.93 1.47 -7.27	34.00 1.22 -8.43	29.24 0.83 -5.25
WHITEHAL_115KV_TB1 80871	29.63 1.28 -11.71	28.35 1.09 -12.77	25.48 1.06 -10.16	23.74 1.01 -9.06	22.63 1.07 -7.69	23.98 1.29 -5.75	25.90 1.39 -6.05	30.34 1.70 -8.15	30.32 2.09 -4.77	31.04 2.43 -1.64	30.74 2.31 -0.20	33.31 2.18 -2.77	35.74 2.60 0.60	37.86 2.80 0.00	38.66 3.19 0.02	41.21 3.67 0.33	70.43 2.89 -37.14	74.26 3.49 -32.42	64.45 3.77 -23.31	54.63 3.88 -14.13	41.01 3.87 -4.36	38.34 2.77 -8.38	36.44 2.07 -10.01	31.40 1.78 -6.46
WHITEPLN_13_KV_LOAD 356215	26.64 0.77 -9.24	25.22 0.65 -10.07	22.90 0.61 -8.01	21.40 0.59 -7.15	20.52 0.58 -6.07	22.19 0.71 -4.54	24.13 0.89 -4.77	28.54 1.27 -6.78	29.30 1.67 -4.17	30.83 1.97 -1.89	30.80 2.03 -0.55	33.08 2.21 -2.51	37.01 2.70 -0.57	37.93 2.87 0.00	38.70 3.19 -0.02	41.63 3.45 -0.31	67.94 3.07 -34.47	72.70 3.80 -30.55	63.37 3.62 -22.37	53.18 3.30 -13.27	38.74 2.52 -3.44	36.87 2.15 -7.53	34.86 1.78 -8.72	29.96 1.37 -5.43
WM_FLOYD_69_KV_BK2 356380	31.64 1.60 -13.41	26.65 1.41 -10.75	24.66 1.37 -9.02	22.09 1.26 -7.17	21.24 1.29 -6.08	25.81 1.58 -7.29	27.43 1.74 -7.22	29.36 2.07 -6.80	30.22 2.56 -4.20	32.59 3.05 -2.57	35.89 3.02 -4.65	40.51 3.20 -8.95	52.16 3.78 -14.63	122.97 3.93 -83.99	129.86 4.15 -90.22	136.53 4.47 -94.19	270.85 3.59 -236.86	364.42 4.53 -321.55	314.84 4.26 -273.21	136.37 4.03 -95.72	131.53 3.61 -95.14	76.81 3.10 -46.52	50.89 2.78 -23.76	35.70 2.27 -10.27
WOODARD___115KV_TB2 355635	18.29 0.03 -1.62	16.05 0.03 -1.52	15.67 0.01 -1.39	14.92 0.03 -1.23	14.68 0.01 -0.79	17.92 0.02 -0.96	19.48 0.06 -0.96	21.45 -0.02 -0.98	24.18 -0.09 -0.80	27.68 -0.11 -0.82	28.87 -0.08 -0.73	29.03 -0.11 -0.79	34.47 -0.07 -0.79	35.78 -0.11 -0.83	36.06 -0.21 -0.79	38.58 -0.19 -0.90	33.55 -0.18 -3.33	41.10 -0.23 -2.99	39.97 -0.26 -2.86	38.49 -0.26 -2.13	33.77 -0.23 -1.22	28.50 -0.19 -1.50	25.50 -0.19 -1.34	24.31 -0.05 -1.20
YORK___WARBASSE 23770	26.83 0.93 -9.27	25.36 0.77 -10.10	22.98 0.68 -8.03	21.46 0.63 -7.17	20.59 0.64 -6.08	22.24 0.75 -4.55	24.10 0.85 -4.78	28.56 1.27 -6.80	29.24 1.60 -4.18	30.89 2.02 -1.89	30.78 2.00 -0.55	33.06 2.18 -2.52	36.78 2.46 -0.57	37.72 2.66 0.00	38.45 2.95 -0.02	41.25 3.07 -0.31	72.30 2.77 -39.13	89.76 3.49 -47.92	68.90 3.21 -28.32	53.03 3.00 -13.41	38.49 2.26 -3.45	36.86 2.12 -7.55	34.98 1.88 -8.75	29.95 1.34 -5.44