

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

05/10/2026

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	40.19	36.38	35.55	33.37	33.42	33.82	37.65	37.22	34.54	30.60	32.49	33.22	32.45	30.91	31.35	33.02	36.69	49.60	54.80	65.78	71.87	61.47	50.03	39.19
24138	2.46	2.47	2.30	2.28	2.30	2.48	2.66	2.85	2.76	2.66	2.27	2.26	2.26	2.16	2.09	2.09	2.32	3.59	4.67	5.66	5.74	4.87	3.23	2.29
	-7.75	-3.85	-3.83	-2.23	0.00	0.00	0.00	0.00	0.00	0.00	-7.47	-8.84	-8.47	-7.98	-8.73	-9.83	-9.66	-8.26	-1.96	-0.56	-0.15	0.00	0.00	0.00
74TH STREET_GT_1	40.22	36.41	35.55	33.40	33.42	33.85	37.69	37.22	34.54	30.60	32.49	33.22	32.45	30.91	31.35	33.00	36.67	49.60	54.80	65.78	71.87	61.47	50.03	39.19
24260	2.49	2.50	2.30	2.31	2.30	2.51	2.69	2.85	2.76	2.66	2.27	2.26	2.26	2.16	2.09	2.07	2.30	3.59	4.67	5.66	5.74	4.87	3.23	2.29
	-7.75	-3.85	-3.83	-2.23	0.00	0.00	0.00	0.00	0.00	0.00	-7.47	-8.84	-8.47	-7.98	-8.73	-9.83	-9.66	-8.26	-1.96	-0.56	-0.15	0.00	0.00	0.00
74TH STREET_GT_2	40.22	36.41	35.55	33.40	33.42	33.85	37.69	37.22	34.54	30.60	32.49	33.22	32.45	30.91	31.35	33.00	36.67	49.60	54.80	65.78	71.87	61.47	50.03	39.19
24261	2.49	2.50	2.30	2.31	2.30	2.51	2.69	2.85	2.76	2.66	2.27	2.26	2.26	2.16	2.09	2.07	2.30	3.59	4.67	5.66	5.74	4.87	3.23	2.29
	-7.75	-3.85	-3.83	-2.23	0.00	0.00	0.00	0.00	0.00	0.00	-7.47	-8.84	-8.47	-7.98	-8.73	-9.83	-9.66	-8.26	-1.96	-0.56	-0.15	0.00	0.00	0.00
ADK HUDSON___FALLS	40.75	36.25	35.55	33.07	32.80	33.10	36.99	36.12	33.14	29.10	32.24	33.12	32.23	30.62	31.26	33.23	36.82	49.22	50.76	63.19	69.88	59.77	49.37	38.71
24011	1.77	1.71	1.68	1.62	1.68	1.76	1.99	1.75	1.37	1.15	0.84	0.75	0.70	0.60	0.62	0.74	0.91	1.85	2.60	3.63	3.89	3.17	2.57	1.81
	-9.00	-4.48	-4.45	-2.59	0.00	0.00	0.00	0.00	0.00	0.00	-8.66	-10.25	-9.81	-9.24	-10.12	-11.39	-11.20	-9.62	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	40.85	36.34	35.64	33.15	32.89	33.19	37.13	36.19	33.17	29.12	32.27	33.12	32.22	30.60	31.26	33.21	36.85	49.29	50.86	63.48	70.15	60.00	49.47	38.82
23798	1.86	1.80	1.77	1.70	1.77	1.85	2.13	1.82	1.40	1.17	0.86	0.75	0.67	0.58	0.62	0.72	0.94	1.92	2.70	3.93	4.16	3.40	2.67	1.92
	-9.01	-4.48	-4.45	-2.60	0.00	0.00	0.00	0.00	0.00	0.00	-8.66	-10.25	-9.82	-9.25	-10.12	-11.40	-11.20	-9.62	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	40.75	36.25	35.55	33.07	32.80	33.10	36.99	36.12	33.14	29.10	32.24	33.12	32.23	30.62	31.26	33.23	36.82	49.22	50.76	63.19	69.88	59.77	49.37	38.71
24028	1.77	1.71	1.68	1.62	1.68	1.76	1.99	1.75	1.37	1.15	0.84	0.75	0.70	0.60	0.62	0.74	0.91	1.85	2.60	3.63	3.89	3.17	2.57	1.81
	-9.00	-4.48	-4.45	-2.59	0.00	0.00	0.00	0.00	0.00	0.00	-8.66	-10.25	-9.81	-9.24	-10.12	-11.39	-11.20	-9.62	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	40.59	36.25	35.51	33.07	32.89	33.16	36.98	36.40	33.59	29.60	32.58	33.45	32.59	31.03	31.61	33.49	37.12	49.48	51.20	63.25	69.35	59.65	49.37	38.86
23527	1.80	1.80	1.74	1.67	1.77	1.82	1.99	2.03	1.81	1.65	1.34	1.28	1.24	1.18	1.17	1.22	1.43	2.30	3.04	3.69	3.36	3.05	2.57	1.95
	-8.81	-4.38	-4.35	-2.54	0.00	0.00	0.00	0.00	0.00	0.00	-8.49	-10.05	-9.63	-9.06	-9.92	-11.17	-10.98	-9.43	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	39.50	35.20	34.52	32.10	31.86	32.09	35.83	35.19	32.48	28.62	31.72	32.63	31.78	30.26	30.85	32.71	36.19	48.01	49.32	60.92	67.18	57.68	47.60	37.57
24190	0.75	0.78	0.77	0.72	0.75	0.75	0.84	0.82	0.70	0.67	0.52	0.51	0.48	0.46	0.45	0.49	0.54	0.87	1.16	1.37	1.19	1.08	0.80	0.66
	-8.77	-4.36	-4.33	-2.53	0.00	0.00	0.00	0.00	0.00	0.00	-8.45	-10.01	-9.58	-9.02	-9.88	-11.12	-10.94	-9.39	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	29.56	29.64	29.04	28.48	30.71	30.94	34.57	33.89	31.40	27.61	22.45	21.90	21.47	20.53	20.32	20.91	24.51	37.34	47.73	58.60	65.79	56.26	46.66	36.83
355683	-0.42	-0.42	-0.38	-0.38	-0.40	-0.41	-0.42	-0.48	-0.38	-0.34	-0.30	-0.22	-0.26	-0.25	-0.21	-0.19	-0.20	-0.42	-0.43	-0.95	-0.20	-0.34	-0.14	-0.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	39.92	35.64	34.95	32.54	32.42	32.69	36.46	35.67	32.76	28.79	31.68	32.55	31.71	30.16	30.77	32.63	36.17	48.28	51.54	62.53	68.67	58.81	48.53	38.27
323833	1.26	1.26	1.24	1.18	1.31	1.35	1.47	1.31	0.99	0.84	0.57	0.53	0.50	0.46	0.47	0.53	0.64	1.24	1.93	2.56	2.57	2.21	1.73	1.37
	-8.68	-4.31	-4.29	-2.50	0.00	0.00	0.00	0.00	0.00	0.00	-8.36	-9.90	-9.48	-8.93	-9.78	-11.01	-10.82	-9.29	-1.45	-0.42	-0.11	0.00	0.00	0.00
ALBANY_2_SOLAR	39.92	35.64	34.95	32.54	32.42	32.66	36.43	35.67	32.76	28.76	31.68	32.55	31.71	30.16	30.77	32.63	36.17	48.29	51.49	62.47	68.67	58.81	48.53	38.27
323834	1.26	1.26	1.24	1.18	1.31	1.32	1.44	1.31	0.99	0.81	0.57	0.53	0.50	0.46	0.47	0.53	0.64	1.24	1.88	2.50	2.57	2.21	1.73	1.37
	-8.68	-4.31	-4.29	-2.50	0.00	0.00	0.00	0.00	0.00	0.00	-8.36	-9.90	-9.48	-8.93	-9.78	-11.01	-10.82	-9.29	-1.45	-0.42	-0.11	0.00	0.00	0.00
ALBANY___1	39.50	35.20	34.52	32.10	31.86	32.09	35.83	35.19	32.48	28.62	31.72	32.63	31.78	30.26	30.85	32.71	36.19	48.01	49.32	60.92	67.18	57.68	47.60	37.57
23571	0.75	0.78	0.77	0.72	0.75	0.75	0.84	0.82	0.70	0.67	0.52	0.51	0.48	0.46	0.45	0.49	0.54	0.87	1.16	1.37	1.19	1.08	0.80	0.66
	-8.77	-4.36	-4.33	-2.53	0.00	0.00	0.00	0.00	0.00	0.00	-8.45	-10.01	-9.58	-9.02	-9.88	-11.12	-10.94	-9.39	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	39.50 0.75 -8.77	35.20 0.78 -4.36	34.52 0.77 -4.33	32.10 0.72 -2.53	31.86 0.75 0.00	32.09 0.75 0.00	35.83 0.84 0.00	35.19 0.82 0.00	32.48 0.70 0.00	28.62 0.67 0.00	31.72 0.52 -8.45	32.63 0.51 -10.01	31.78 0.48 -9.58	30.26 0.46 -9.02	30.85 0.45 -9.88	32.71 0.49 -11.12	36.19 0.54 -10.94	48.01 0.87 -9.39	49.32 1.16 0.00	60.92 1.37 0.00	67.18 1.19 0.00	57.68 1.08 0.00	47.60 0.80 0.00	37.57 0.66 0.00
ALBANY___3 23573	39.50 0.75 -8.77	35.20 0.78 -4.36	34.52 0.77 -4.33	32.10 0.72 -2.53	31.86 0.75 0.00	32.09 0.75 0.00	35.83 0.84 0.00	35.19 0.82 0.00	32.48 0.70 0.00	28.62 0.67 0.00	31.72 0.52 -8.45	32.63 0.51 -10.01	31.78 0.48 -9.58	30.26 0.46 -9.02	30.85 0.45 -9.88	32.71 0.49 -11.12	36.19 0.54 -10.94	48.01 0.87 -9.39	49.32 1.16 0.00	60.92 1.37 0.00	67.18 1.19 0.00	57.68 1.08 0.00	47.60 0.80 0.00	37.57 0.66 0.00
ALBANY___4 23574	39.50 0.75 -8.77	35.20 0.78 -4.36	34.52 0.77 -4.33	32.10 0.72 -2.53	31.86 0.75 0.00	32.09 0.75 0.00	35.83 0.84 0.00	35.19 0.82 0.00	32.48 0.70 0.00	28.62 0.67 0.00	31.72 0.52 -8.45	32.63 0.51 -10.01	31.78 0.48 -9.58	30.26 0.46 -9.02	30.85 0.45 -9.88	32.71 0.49 -11.12	36.19 0.54 -10.94	48.01 0.87 -9.39	49.32 1.16 0.00	60.92 1.37 0.00	67.18 1.19 0.00	57.68 1.08 0.00	47.60 0.80 0.00	37.57 0.66 0.00
ALBANY___LFGE 323615	39.84 1.02 -8.84	35.48 1.02 -4.39	34.79 1.00 -4.36	32.35 0.95 -2.55	32.08 0.97 0.00	32.35 1.00 0.00	36.11 1.12 0.00	35.47 1.10 0.00	32.70 0.92 0.00	28.79 0.84 0.00	31.94 0.68 -8.51	32.83 0.64 -10.07	31.98 0.61 -9.65	30.44 0.58 -9.08	31.04 0.57 -9.94	32.91 0.61 -11.20	36.43 0.72 -11.01	48.37 1.17 -9.45	49.70 1.54 0.00	61.46 1.91 0.00	67.77 1.78 0.00	58.18 1.58 0.00	47.97 1.17 0.00	37.86 0.96 0.00
ALCOA_PA_115KV_PL-6C 55860	29.53 -0.45 0.00	29.64 -0.42 0.00	29.01 -0.41 0.00	28.48 -0.38 0.00	30.71 -0.41 0.00	30.90 -0.44 0.00	34.57 -0.42 0.00	33.82 -0.55 0.00	31.33 -0.44 0.00	27.53 -0.42 0.00	22.38 -0.36 0.00	21.83 -0.29 0.00	21.42 -0.30 0.00	20.47 -0.31 0.00	20.23 -0.29 0.00	20.87 -0.23 0.00	24.46 -0.25 0.00	37.22 -0.53 0.00	47.73 -0.43 0.00	58.90 -0.65 0.00	65.79 -0.20 0.00	56.32 -0.28 0.00	46.80 0.00 0.00	36.87 -0.04 0.00
ALCOA_RYNLDS___DRP 24188	29.53 -0.45 0.00	29.64 -0.42 0.00	29.01 -0.41 0.00	28.48 -0.38 0.00	30.71 -0.40 0.00	30.90 -0.44 0.00	34.57 -0.42 0.00	33.82 -0.55 0.00	31.33 -0.44 0.00	27.53 -0.42 0.00	22.38 -0.36 0.00	21.83 -0.29 0.00	21.42 -0.30 0.00	20.47 -0.31 0.00	20.25 -0.27 0.00	20.87 -0.23 0.00	24.46 -0.25 0.00	37.22 -0.53 0.00	47.73 -0.43 0.00	58.90 -0.66 0.00	65.92 -0.07 0.00	56.32 -0.28 0.00	46.75 -0.05 0.00	36.87 -0.04 0.00
ALCOA___DSASP 323711	29.53 -0.45 0.00	29.64 -0.42 0.00	29.01 -0.41 0.00	28.48 -0.38 0.00	30.71 -0.40 0.00	30.90 -0.44 0.00	34.57 -0.42 0.00	33.82 -0.55 0.00	31.33 -0.44 0.00	27.53 -0.42 0.00	22.38 -0.36 0.00	21.83 -0.29 0.00	21.42 -0.30 0.00	20.47 -0.31 0.00	20.25 -0.27 0.00	20.87 -0.23 0.00	24.46 -0.25 0.00	37.22 -0.53 0.00	47.73 -0.43 0.00	58.90 -0.66 0.00	65.92 -0.07 0.00	56.32 -0.28 0.00	46.75 -0.05 0.00	36.87 -0.04 0.00
ALLEGHENY___COGEN 23514	30.09 -0.42 -0.53	29.80 -0.51 -0.25	29.23 -0.44 -0.25	28.53 -0.46 -0.14	30.80 -0.31 0.01	30.99 -0.34 0.01	34.66 -0.32 0.02	33.89 -0.48 0.00	30.59 -1.18 0.02	26.65 -1.29 0.02	21.98 -1.27 -0.51	21.26 -1.46 -0.61	20.85 -1.46 -0.58	19.93 -1.39 -0.54	19.70 -1.42 -0.59	20.36 -1.41 -0.67	23.77 -1.61 -0.66	59.16 -2.08 -23.48	37.00 -1.83 9.33	55.81 -1.13 2.61	64.69 -0.72 0.57	56.01 -0.57 0.02	46.45 -0.33 0.02	36.98 0.07 0.00
ALTAMONT_115KV_TB 2 55880	39.72 0.99 -8.75	35.40 0.99 -4.35	34.72 0.97 -4.32	32.33 0.95 -2.52	32.11 1.00 0.00	32.35 1.00 0.00	36.11 1.12 0.00	35.47 1.10 0.00	32.73 0.95 0.00	28.82 0.87 0.00	31.89 0.71 -8.44	32.79 0.69 -9.99	31.96 0.67 -9.57	30.43 0.64 -9.01	31.02 0.64 -9.86	32.86 0.65 -11.11	36.39 0.77 -10.92	48.37 1.25 -9.37	49.80 1.64 0.00	61.58 2.02 0.00	67.90 1.91 0.00	58.30 1.70 0.00	48.11 1.31 0.00	37.87 0.96 0.00
ALTONA_WT_PWR 323606	29.32 -0.66 0.00	29.40 -0.66 0.00	28.81 -0.62 0.00	28.28 -0.58 0.00	30.56 -0.56 0.00	30.81 -0.53 0.00	34.50 -0.49 0.00	33.82 -0.55 0.00	31.33 -0.44 0.00	27.53 -0.42 0.00	22.36 -0.39 0.00	21.76 -0.35 0.00	21.31 -0.41 0.00	20.36 -0.42 0.00	20.13 -0.39 0.00	20.74 -0.36 0.00	24.34 -0.37 0.00	37.15 -0.61 0.00	47.63 -0.53 0.00	58.96 -0.60 0.00	65.79 -0.20 0.00	56.37 -0.23 0.00	46.71 -0.09 0.00	36.80 -0.11 0.00
AMERICAN_REF_FUEL 24010	27.45 -3.06 -0.53	27.22 -3.10 -0.25	26.56 -3.12 -0.25	25.97 -3.03 -0.14	28.22 -2.89 0.01	28.36 -2.98 0.01	31.34 -3.64 0.01	31.00 -3.37 0.00	28.11 -3.65 0.01	24.72 -3.21 0.01	20.61 -2.64 -0.51	20.00 -2.72 -0.60	19.67 -2.63 -0.58	18.87 -2.45 -0.54	18.61 -2.50 -0.59	19.30 -2.47 -0.67	22.18 -3.19 -0.66	29.06 -4.87 3.82	34.79 -6.17 7.21	49.49 -7.86 2.20	56.64 -8.64 0.71	49.40 -7.19 0.02	41.54 -5.24 0.02	33.62 -3.28 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	28.20 -2.31 -0.52	28.03 -2.29 -0.25	27.53 -2.15 -0.25	26.97 -2.02 -0.14	28.96 -2.15 0.01	29.30 -2.04 0.01	32.66 -2.31 0.02	32.31 -2.06 0.00	29.57 -2.19 0.02	25.86 -2.07 0.02	21.54 -1.71 -0.50	20.84 -1.88 -0.60	20.39 -1.91 -0.57	19.53 -1.79 -0.54	19.22 -1.89 -0.59	19.72 -2.05 -0.67	23.04 -2.32 -0.66	31.05 -3.09 3.61	35.93 -3.66 8.56	52.90 -4.17 2.48	60.26 -5.08 0.65	52.84 -3.74 0.02	43.55 -3.23 0.02	35.06 -1.84 0.00
ARTHUR KILL_GT_1 23520	40.41 2.67 -7.75	36.63 2.71 -3.86	35.79 2.53 -3.83	33.64 2.54 -2.24	33.68 2.55 -0.01	34.05 2.70 -0.01	37.72 2.73 0.00	37.08 2.72 0.00	34.26 2.48 0.00	30.38 2.43 0.00	32.33 2.12 -7.47	33.04 2.08 -8.84	32.30 2.11 -8.47	30.77 2.02 -7.98	31.22 1.97 -8.73	32.87 1.94 -9.83	36.52 2.15 -9.66	49.45 3.44 -8.26	54.75 4.62 -1.96	65.78 5.66 -0.56	71.81 5.67 -0.15	61.65 5.04 -0.01	50.18 3.37 -0.01	39.39 2.47 -0.01
ARTHUR_KILL_2 23512	40.34 2.61 -7.75	36.57 2.65 -3.86	35.73 2.47 -3.83	33.58 2.48 -2.24	33.61 2.49 -0.01	33.98 2.63 -0.01	37.65 2.66 0.00	37.02 2.65 0.00	34.19 2.41 0.00	30.32 2.37 0.00	32.26 2.05 -7.47	33.00 2.03 -8.84	32.26 2.07 -8.47	30.71 1.99 -7.94	31.12 1.91 -8.69	32.74 1.86 -9.79	36.40 2.08 -9.62	49.33 3.32 -8.26	54.60 4.48 -1.96	65.59 5.48 -0.56	71.54 5.41 -0.15	61.48 4.87 -0.01	49.99 3.18 -0.01	39.28 2.36 -0.01
ARTHUR_KILL_3 23513	39.95 2.22 -7.75	36.14 2.22 -3.85	35.31 2.06 -3.83	33.14 2.05 -2.23	33.14 2.02 0.00	33.57 2.23 0.00	37.37 2.38 0.00	36.98 2.61 0.00	34.29 2.51 0.00	30.41 2.46 0.00	32.33 2.12 -7.47	33.04 2.08 -8.84	32.30 2.11 -8.47	30.75 2.04 -7.94	31.14 1.93 -8.69	32.76 1.88 -9.79	36.45 2.13 -9.62	49.29 3.28 -8.26	54.41 4.28 -1.96	65.24 5.12 -0.56	71.21 5.08 -0.15	60.96 4.36 0.00	49.56 2.76 0.00	38.86 1.95 0.00

ARTHUR_KILL_COGEN 323718	40.44 2.70 -7.75	36.66 2.74 -3.86	35.79 2.53 -3.83	33.64 2.54 -2.24	33.68 2.55 -0.01	34.05 2.70 -0.01	37.72 2.73 0.00	37.12 2.75 0.00	34.26 2.48 0.00	30.38 2.43 0.00	32.33 2.12 -7.47	33.04 2.08 -8.84	32.30 2.11 -8.47	30.77 2.06 -7.94	31.16 1.95 -8.69	32.78 1.90 -9.79	36.48 2.15 -9.62	49.45 3.43 -8.26	54.75 4.62 -1.96	65.78 5.66 -0.56	71.74 5.61 -0.15	61.64 5.04 -0.01	50.13 3.32 -0.01	39.39 2.47 -0.01
ASHOKAN____ 23654	39.29 0.99 -8.32	35.22 1.02 -4.14	34.42 0.88 -4.11	32.12 0.86 -2.40	33.42 2.30 0.00	33.69 2.35 0.00	37.58 2.59 0.00	36.81 2.44 0.00	33.75 1.97 0.00	29.57 1.62 0.00	31.16 0.41 -8.00	31.97 0.38 -9.47	31.10 0.30 -9.07	29.55 0.23 -8.55	30.12 0.25 -9.36	31.97 0.34 -10.53	35.48 0.42 -10.35	47.66 1.02 -8.89	53.47 3.66 -1.65	65.03 5.00 -0.47	71.26 5.15 -0.12	60.96 4.36 0.00	50.12 3.32 0.00	39.34 2.44 0.00
ASTORIA_EAST_ENERGY_CC1 323581	39.94 2.22 -7.74	36.13 2.22 -3.84	35.27 2.03 -3.82	33.13 2.05 -2.22	33.13 2.02 0.01	33.37 2.04 0.01	37.12 2.13 0.01	36.73 2.37 0.01	34.18 2.41 0.01	30.37 2.43 0.01	32.30 2.09 -7.46	32.99 2.03 -8.83	32.29 2.11 -8.46	30.75 2.04 -7.93	31.13 1.93 -8.68	32.71 1.83 -9.78	36.32 2.00 -9.61	49.10 3.10 -8.25	54.16 4.05 -1.95	64.99 4.88 -0.56	70.94 4.81 -0.14	60.67 4.08 0.01	49.22 2.43 0.01	38.60 1.70 0.01
ASTORIA_EAST_ENERGY_CC2 323582	39.94 2.22 -7.74	36.13 2.22 -3.84	35.27 2.03 -3.82	33.13 2.05 -2.22	33.13 2.02 0.01	33.37 2.04 0.01	37.12 2.13 0.01	36.73 2.37 0.01	34.18 2.41 0.01	30.37 2.43 0.01	32.30 2.09 -7.46	32.99 2.03 -8.83	32.29 2.11 -8.46	30.75 2.04 -7.93	31.13 1.93 -8.68	32.71 1.83 -9.78	36.32 2.00 -9.61	49.10 3.10 -8.25	54.16 4.05 -1.95	64.99 4.88 -0.56	70.94 4.81 -0.14	60.67 4.08 0.01	49.22 2.43 0.01	38.60 1.70 0.01
ASTORIA_GT2_1 24094	39.94 2.22 -7.74	36.13 2.22 -3.84	35.30 2.06 -3.82	33.13 2.05 -2.22	33.13 2.02 0.01	33.41 2.07 0.00	37.16 2.17 0.00	36.78 2.41 0.00	34.19 2.42 0.00	30.41 2.46 0.00	32.33 2.12 -7.47	33.00 2.03 -8.84	32.30 2.11 -8.47	30.77 2.02 -7.98	31.20 1.95 -8.73	32.81 1.88 -9.83	36.40 2.03 -9.66	49.14 3.13 -8.26	54.22 4.09 -1.96	65.06 4.94 -0.56	71.02 4.88 -0.15	60.73 4.13 0.00	49.33 2.53 0.00	38.63 1.73 0.01
ASTORIA_GT2_2 24095	39.94 2.22 -7.74	36.13 2.22 -3.84	35.30 2.06 -3.82	33.13 2.05 -2.22	33.13 2.02 0.01	33.41 2.07 0.00	37.16 2.17 0.00	36.78 2.41 0.00	34.19 2.42 0.00	30.41 2.46 0.00	32.33 2.12 -7.47	33.00 2.03 -8.84	32.30 2.11 -8.47	30.77 2.02 -7.98	31.20 1.95 -8.73	32.81 1.88 -9.83	36.40 2.03 -9.66	49.14 3.13 -8.26	54.22 4.09 -1.96	65.06 4.94 -0.56	71.02 4.88 -0.15	60.73 4.13 0.00	49.33 2.53 0.00	38.63 1.73 0.01
ASTORIA_GT2_3 24096	39.94 2.22 -7.74	36.13 2.22 -3.84	35.30 2.06 -3.82	33.13 2.05 -2.22	33.13 2.02 0.01	33.41 2.07 0.00	37.16 2.17 0.00	36.78 2.41 0.00	34.19 2.42 0.00	30.41 2.46 0.00	32.33 2.12 -7.47	33.00 2.03 -8.84	32.30 2.11 -8.47	30.77 2.02 -7.98	31.20 1.95 -8.73	32.81 1.88 -9.83	36.40 2.03 -9.66	49.14 3.13 -8.26	54.22 4.09 -1.96	65.06 4.94 -0.56	71.02 4.88 -0.15	60.73 4.13 0.00	49.33 2.53 0.00	38.63 1.73 0.01
ASTORIA_GT2_4 24097	39.94 2.22 -7.74	36.13 2.22 -3.84	35.30 2.06 -3.82	33.13 2.05 -2.22	33.13 2.02 0.01	33.41 2.07 0.00	37.16 2.17 0.00	36.78 2.41 0.00	34.19 2.42 0.00	30.41 2.46 0.00	32.33 2.12 -7.47	33.00 2.03 -8.84	32.30 2.11 -8.47	30.77 2.02 -7.98	31.20 1.95 -8.73	32.81 1.88 -9.83	36.40 2.03 -9.66	49.14 3.13 -8.26	54.22 4.09 -1.96	65.06 4.94 -0.56	71.02 4.88 -0.15	60.73 4.13 0.00	49.33 2.53 0.00	38.63 1.73 0.01
ASTORIA_GT3_1 24098	39.94 2.22 -7.74	36.13 2.22 -3.84	35.30 2.06 -3.82	33.13 2.05 -2.22	33.13 2.02 0.01	33.41 2.07 0.00	37.16 2.17 0.00	36.78 2.41 0.00	34.19 2.42 0.00	30.41 2.46 0.00	32.33 2.12 -7.47	33.00 2.03 -8.84	32.30 2.11 -8.47	30.77 2.02 -7.98	31.20 1.95 -8.73	32.81 1.88 -9.83	36.40 2.03 -9.66	49.14 3.13 -8.26	54.22 4.09 -1.96	65.06 4.94 -0.56	71.02 4.88 -0.15	60.73 4.13 0.00	49.33 2.53 0.00	38.63 1.73 0.01
ASTORIA_GT3_2 24099	39.94 2.22 -7.74	36.13 2.22 -3.84	35.30 2.06 -3.82	33.13 2.05 -2.22	33.13 2.02 0.01	33.41 2.07 0.00	37.16 2.17 0.00	36.78 2.41 0.00	34.19 2.42 0.00	30.41 2.46 0.00	32.33 2.12 -7.47	33.00 2.03 -8.84	32.30 2.11 -8.47	30.77 2.02 -7.98	31.20 1.95 -8.73	32.81 1.88 -9.83	36.40 2.03 -9.66	49.14 3.13 -8.26	54.22 4.09 -1.96	65.06 4.94 -0.56	71.02 4.88 -0.15	60.73 4.13 0.00	49.33 2.53 0.00	38.63 1.73 0.01
ASTORIA_GT3_3 24100	39.94 2.22 -7.74	36.13 2.22 -3.84	35.30 2.06 -3.82	33.13 2.05 -2.22	33.13 2.02 0.01	33.41 2.07 0.00	37.16 2.17 0.00	36.78 2.41 0.00	34.19 2.42 0.00	30.41 2.46 0.00	32.33 2.12 -7.47	33.00 2.03 -8.84	32.30 2.11 -8.47	30.77 2.02 -7.98	31.20 1.95 -8.73	32.81 1.88 -9.83	36.40 2.03 -9.66	49.14 3.13 -8.26	54.22 4.09 -1.96	65.06 4.94 -0.56	71.02 4.88 -0.15	60.73 4.13 0.00	49.33 2.53 0.00	38.63 1.73 0.01
ASTORIA_GT3_4 24101	39.94 2.22 -7.74	36.13 2.22 -3.84	35.30 2.06 -3.82	33.13 2.05 -2.22	33.13 2.02 0.01	33.41 2.07 0.00	37.16 2.17 0.00	36.78 2.41 0.00	34.19 2.42 0.00	30.41 2.46 0.00	32.33 2.12 -7.47	33.00 2.03 -8.84	32.30 2.11 -8.47	30.77 2.02 -7.98	31.20 1.95 -8.73	32.81 1.88 -9.83	36.40 2.03 -9.66	49.14 3.13 -8.26	54.22 4.09 -1.96	65.06 4.94 -0.56	71.02 4.88 -0.15	60.73 4.13 0.00	49.33 2.53 0.00	38.63 1.73 0.01
ASTORIA_GT4_1 24102	39.94 2.22 -7.74	36.13 2.22 -3.84	35.30 2.06 -3.82	33.13 2.05 -2.22	33.13 2.02 0.01	33.41 2.07 0.00	37.16 2.17 0.00	36.78 2.41 0.00	34.19 2.42 0.00	30.41 2.46 0.00	32.33 2.12 -7.47	33.00 2.03 -8.84	32.30 2.11 -8.47	30.77 2.02 -7.98	31.20 1.95 -8.73	32.81 1.88 -9.83	36.40 2.03 -9.66	49.14 3.13 -8.26	54.22 4.09 -1.96	65.06 4.94 -0.56	71.02 4.88 -0.15	60.73 4.13 0.00	49.33 2.53 0.00	38.63 1.73 0.01
ASTORIA_GT4_2 24103	39.94 2.22 -7.74	36.13 2.22 -3.84	35.30 2.06 -3.82	33.13 2.05 -2.22	33.13 2.02 0.01	33.41 2.07 0.00	37.16 2.17 0.00	36.78 2.41 0.00	34.19 2.42 0.00	30.41 2.46 0.00	32.33 2.12 -7.47	33.00 2.03 -8.84	32.30 2.11 -8.47	30.77 2.02 -7.98	31.20 1.95 -8.73	32.81 1.88 -9.83	36.40 2.03 -9.66	49.14 3.13 -8.26	54.22 4.09 -1.96	65.06 4.94 -0.56	71.02 4.88 -0.15	60.73 4.13 0.00	49.33 2.53 0.00	38.63 1.73 0.01
ASTORIA_GT4_3 24104	39.94 2.22 -7.74	36.13 2.22 -3.84	35.30 2.06 -3.82	33.13 2.05 -2.22	33.13 2.02 0.01	33.41 2.07 0.00	37.16 2.17 0.00	36.78 2.41 0.00	34.19 2.42 0.00	30.41 2.46 0.00	32.33 2.12 -7.47	33.00 2.03 -8.84	32.30 2.11 -8.47	30.77 2.02 -7.98	31.20 1.95 -8.73	32.81 1.88 -9.83	36.40 2.03 -9.66	49.14 3.13 -8.26	54.22 4.09 -1.96	65.06 4.94 -0.56	71.02 4.88 -0.15	60.73 4.13 0.00	49.33 2.53 0.00	38.63 1.73 0.01

ASTORIA_GT4_4 24105	39.94 2.22 -7.74	36.13 2.22 -3.84	35.30 2.06 -3.82	33.13 2.05 -2.22	33.13 2.02 0.01	33.41 2.07 0.00	37.16 2.17 0.00	36.78 2.41 0.00	34.19 2.42 0.00	30.41 2.46 0.00	32.33 2.12 -7.47	33.00 2.03 -8.84	32.30 2.11 -8.47	30.77 2.02 -7.98	31.20 1.95 -8.73	32.81 1.88 -9.83	36.40 2.03 -9.66	49.14 3.13 -8.26	54.22 4.09 -1.96	65.06 4.94 -0.56	71.02 4.88 -0.15	60.73 4.13 0.00	49.33 2.53 0.00	38.63 1.73 0.01
ASTORIA_GT_1 23523	39.97 2.25 -7.74	36.19 2.28 -3.84	35.33 2.09 -3.82	33.19 2.11 -2.22	33.19 2.08 0.01	33.44 2.10 0.00	37.20 2.20 0.00	36.81 2.44 0.00	34.26 2.48 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.04 2.08 -8.84	32.34 2.15 -8.47	30.79 2.04 -7.98	31.22 1.97 -8.73	32.85 1.92 -9.83	36.45 2.08 -9.66	49.22 3.21 -8.26	54.31 4.19 -1.96	65.18 5.06 -0.56	71.15 5.02 -0.15	60.79 4.19 0.00	49.37 2.57 0.00	38.67 1.77 0.01
ASTORIA_GT_10 24110	40.07 2.34 -7.75	36.29 2.37 -3.85	35.43 2.18 -3.83	33.28 2.19 -2.23	33.29 2.18 0.00	33.66 2.32 0.00	37.41 2.41 0.00	36.95 2.58 0.00	34.26 2.48 0.00	30.41 2.46 0.00	32.33 2.12 -7.47	33.04 2.08 -8.84	32.30 2.11 -8.47	30.77 2.02 -7.98	31.20 1.95 -8.73	32.85 1.92 -9.83	36.47 2.10 -9.66	49.26 3.25 -8.26	54.36 4.24 -1.96	65.24 5.12 -0.56	71.28 5.15 -0.15	61.02 4.41 0.00	49.65 2.85 0.00	38.94 2.03 0.00
ASTORIA_GT_11 24225	40.07 2.34 -7.75	36.29 2.37 -3.85	35.43 2.18 -3.83	33.28 2.19 -2.23	33.29 2.18 0.00	33.66 2.32 0.00	37.41 2.41 0.00	36.95 2.58 0.00	34.26 2.48 0.00	30.41 2.46 0.00	32.33 2.12 -7.47	33.04 2.08 -8.84	32.30 2.11 -8.47	30.77 2.02 -7.98	31.20 1.95 -8.73	32.85 1.92 -9.83	36.47 2.10 -9.66	49.26 3.25 -8.26	54.36 4.24 -1.96	65.24 5.12 -0.56	71.28 5.15 -0.15	61.02 4.41 0.00	49.65 2.85 0.00	38.94 2.03 0.00
ASTORIA_GT_12 24226	40.07 2.34 -7.75	36.29 2.37 -3.85	35.43 2.18 -3.83	33.28 2.19 -2.23	33.29 2.18 0.00	33.66 2.32 0.00	37.41 2.41 0.00	36.95 2.58 0.00	34.26 2.48 0.00	30.41 2.46 0.00	32.33 2.12 -7.47	33.04 2.08 -8.84	32.30 2.11 -8.47	30.77 2.02 -7.98	31.20 1.95 -8.73	32.85 1.92 -9.83	36.47 2.10 -9.66	49.26 3.25 -8.26	54.36 4.24 -1.96	65.24 5.12 -0.56	71.28 5.15 -0.15	61.02 4.41 0.00	49.65 2.85 0.00	38.94 2.03 0.00
ASTORIA_GT_13 24227	40.07 2.34 -7.75	36.29 2.37 -3.85	35.43 2.18 -3.83	33.28 2.19 -2.23	33.29 2.18 0.00	33.66 2.32 0.00	37.41 2.41 0.00	36.95 2.58 0.00	34.26 2.48 0.00	30.41 2.46 0.00	32.33 2.12 -7.47	33.04 2.08 -8.84	32.30 2.11 -8.47	30.77 2.02 -7.98	31.20 1.95 -8.73	32.85 1.92 -9.83	36.47 2.10 -9.66	49.26 3.25 -8.26	54.36 4.24 -1.96	65.24 5.12 -0.56	71.28 5.15 -0.15	61.02 4.41 0.00	49.65 2.85 0.00	38.94 2.03 0.00
ASTORIA_GT_5 24106	39.97 2.25 -7.74	36.19 2.28 -3.84	35.33 2.09 -3.82	33.19 2.11 -2.22	33.19 2.08 0.01	33.44 2.10 0.00	37.20 2.20 0.00	36.81 2.44 0.00	34.26 2.48 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.04 2.08 -8.84	32.34 2.15 -8.47	30.79 2.04 -7.98	31.22 1.97 -8.73	32.85 1.92 -9.83	36.45 2.08 -9.66	49.22 3.21 -8.26	54.31 4.19 -1.96	65.18 5.06 -0.56	71.15 5.02 -0.15	60.79 4.19 0.00	49.37 2.57 0.00	38.67 1.77 0.01
ASTORIA_GT_7 24107	39.97 2.25 -7.74	36.19 2.28 -3.84	35.33 2.09 -3.82	33.19 2.11 -2.22	33.19 2.08 0.01	33.44 2.10 0.00	37.20 2.20 0.00	36.81 2.44 0.00	34.26 2.48 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.04 2.08 -8.84	32.34 2.15 -8.47	30.79 2.04 -7.98	31.22 1.97 -8.73	32.85 1.92 -9.83	36.45 2.08 -9.66	49.22 3.21 -8.26	54.31 4.19 -1.96	65.18 5.06 -0.56	71.15 5.02 -0.15	60.79 4.19 0.00	49.37 2.57 0.00	38.67 1.77 0.01
ASTORIA_GT_8 24108	39.97 2.25 -7.74	36.19 2.28 -3.84	35.33 2.09 -3.82	33.19 2.11 -2.22	33.19 2.08 0.01	33.44 2.10 0.00	37.20 2.20 0.00	36.81 2.44 0.00	34.26 2.48 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.04 2.08 -8.84	32.34 2.15 -8.47	30.79 2.04 -7.98	31.22 1.97 -8.73	32.85 1.92 -9.83	36.45 2.08 -9.66	49.22 3.21 -8.26	54.31 4.19 -1.96	65.18 5.06 -0.56	71.15 5.02 -0.15	60.79 4.19 0.00	49.37 2.57 0.00	38.67 1.77 0.01
ASTORIA___2 24149	39.94 2.22 -7.74	36.16 2.26 -3.84	35.30 2.06 -3.82	33.16 2.08 -2.22	33.13 2.02 0.01	33.40 2.07 0.01	37.15 2.17 0.01	36.77 2.41 0.01	34.18 2.41 0.01	30.40 2.46 0.01	32.32 2.12 -7.46	32.99 2.03 -8.83	32.29 2.11 -8.46	30.75 2.04 -7.93	31.13 1.93 -8.68	32.71 1.83 -9.78	36.35 2.03 -9.61	49.13 3.13 -8.25	54.21 4.09 -1.95	65.05 4.94 -0.56	71.01 4.88 -0.14	60.67 4.08 0.01	49.22 2.43 0.01	38.63 1.73 0.01
ASTORIA___3 23516	40.07 2.34 -7.75	36.29 2.37 -3.85	35.43 2.18 -3.83	33.31 2.22 -2.23	33.29 2.18 0.00	33.66 2.32 0.00	37.40 2.41 0.00	36.95 2.58 0.00	34.26 2.48 0.00	30.41 2.46 0.00	32.33 2.12 -7.47	33.04 2.08 -8.84	32.30 2.11 -8.47	30.77 2.06 -7.94	31.16 1.95 -8.69	32.76 1.88 -9.79	36.43 2.10 -9.62	49.26 3.25 -8.26	54.36 4.24 -1.96	65.24 5.12 -0.56	71.21 5.08 -0.15	61.02 4.42 0.00	49.56 2.76 0.00	38.93 2.03 0.00
ASTORIA___4 23517	40.07 2.34 -7.75	36.29 2.37 -3.85	35.43 2.18 -3.83	33.28 2.19 -2.23	33.29 2.18 0.00	33.66 2.32 0.00	37.41 2.41 0.00	36.95 2.58 0.00	34.26 2.48 0.00	30.41 2.46 0.00	32.33 2.12 -7.47	33.04 2.08 -8.84	32.30 2.11 -8.47	30.77 2.02 -7.98	31.20 1.95 -8.73	32.85 1.92 -9.83	36.47 2.10 -9.66	49.26 3.25 -8.26	54.36 4.24 -1.96	65.24 5.12 -0.56	71.28 5.15 -0.15	61.02 4.41 0.00	49.65 2.85 0.00	38.94 2.03 0.00
ASTORIA___5 23518	40.07 2.34 -7.75	36.29 2.37 -3.85	35.43 2.18 -3.83	33.31 2.22 -2.23	33.29 2.18 0.00	33.66 2.32 0.00	37.40 2.41 0.00	36.95 2.58 0.00	34.26 2.48 0.00	30.41 2.46 0.00	32.33 2.12 -7.47	33.04 2.08 -8.84	32.30 2.11 -8.47	30.77 2.06 -7.94	31.16 1.95 -8.69	32.76 1.88 -9.79	36.43 2.10 -9.62	49.26 3.25 -8.26	54.36 4.24 -1.96	65.24 5.12 -0.56	71.21 5.08 -0.15	61.02 4.42 0.00	49.56 2.76 0.00	38.93 2.03 0.00
AST_ENERGY_2_CC3 323677	40.07 2.34 -7.75	36.26 2.35 -3.85	35.40 2.15 -3.83	33.25 2.17 -2.23	33.26 2.15 0.00	33.69 2.35 0.00	37.48 2.48 0.00	37.02 2.65 0.00	34.32 2.54 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.06 2.10 -8.84	32.32 2.13 -8.47	30.75 2.04 -7.94	31.14 1.93 -8.69	32.76 1.88 -9.79	36.43 2.10 -9.62	49.29 3.28 -8.26	54.41 4.28 -1.96	65.30 5.18 -0.56	71.28 5.15 -0.15	61.02 4.42 0.00	49.66 2.86 0.00	38.93 2.03 0.00
AST_ENERGY_2_CC4 323678	40.07 2.34 -7.75	36.26 2.35 -3.85	35.40 2.15 -3.83	33.25 2.17 -2.23	33.26 2.15 0.00	33.69 2.35 0.00	37.48 2.48 0.00	37.02 2.65 0.00	34.32 2.54 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.06 2.10 -8.84	32.32 2.13 -8.47	30.75 2.04 -7.94	31.14 1.93 -8.69	32.76 1.88 -9.79	36.43 2.10 -9.62	49.29 3.28 -8.26	54.41 4.28 -1.96	65.30 5.18 -0.56	71.28 5.15 -0.15	61.02 4.42 0.00	49.66 2.86 0.00	38.93 2.03 0.00

ATHENS_STG_1 23668	39.45 1.38 -8.09	35.47 1.38 -4.02	34.78 1.35 -4.00	32.52 1.33 -2.33	32.45 1.34 0.00	32.72 1.38 0.00	36.49 1.50 0.00	35.92 1.55 0.00	33.21 1.43 0.00	29.29 1.34 0.00	31.70 1.14 -7.82	32.48 1.11 -9.25	31.69 1.11 -8.86	30.20 1.08 -8.34	30.70 1.05 -9.14	32.42 1.03 -10.29	36.01 1.19 -10.11	48.32 1.89 -8.68	52.36 2.45 -1.75	63.03 2.98 -0.50	69.02 2.90 -0.13	59.15 2.55 0.00	48.58 1.78 0.00	38.20 1.29 0.00
ATHENS_STG_2 23670	39.45 1.38 -8.09	35.47 1.38 -4.02	34.78 1.35 -4.00	32.52 1.33 -2.33	32.45 1.34 0.00	32.72 1.38 0.00	36.49 1.50 0.00	35.92 1.55 0.00	33.21 1.43 0.00	29.29 1.34 0.00	31.70 1.14 -7.82	32.48 1.11 -9.25	31.69 1.11 -8.86	30.20 1.08 -8.34	30.70 1.05 -9.14	32.42 1.03 -10.29	36.01 1.19 -10.11	48.32 1.89 -8.68	52.36 2.45 -1.75	63.03 2.98 -0.50	69.02 2.90 -0.13	59.15 2.55 0.00	48.58 1.78 0.00	38.20 1.29 0.00
ATHENS_STG_3 23677	39.45 1.38 -8.09	35.47 1.38 -4.02	34.78 1.35 -4.00	32.52 1.33 -2.33	32.45 1.34 0.00	32.72 1.38 0.00	36.49 1.50 0.00	35.92 1.55 0.00	33.21 1.43 0.00	29.29 1.34 0.00	31.70 1.14 -7.82	32.48 1.11 -9.25	31.69 1.11 -8.86	30.20 1.08 -8.34	30.70 1.05 -9.14	32.42 1.03 -10.29	36.01 1.19 -10.11	48.32 1.89 -8.68	52.36 2.45 -1.75	63.03 2.98 -0.50	69.02 2.90 -0.13	59.15 2.55 0.00	48.58 1.78 0.00	38.20 1.29 0.00
AUBURN____LFGE 323710	30.79 0.00 -0.81	30.46 0.00 -0.40	29.79 -0.03 -0.40	29.03 -0.06 -0.23	31.15 0.03 0.00	31.34 0.00 0.00	35.02 0.03 0.00	34.33 -0.03 0.00	31.52 -0.25 0.00	27.69 -0.25 0.00	23.27 -0.25 -0.78	22.77 -0.27 -0.92	22.37 -0.24 -0.88	21.36 -0.25 -0.83	21.20 -0.23 -0.91	21.87 -0.25 -1.02	25.47 -0.25 -1.01	38.49 -0.30 -1.04	44.01 -0.34 3.81	58.68 -0.18 0.70	66.67 -0.13 -0.81	56.43 -0.17 0.01	46.70 -0.09 0.01	36.83 -0.07 0.00
BABYLON_RES_REC 323704	40.62 2.88 -7.76	36.81 2.89 -3.86	36.00 2.74 -3.84	33.81 2.71 -2.24	33.86 2.74 -0.01	34.27 2.92 -0.01	38.18 3.18 -0.01	37.71 3.33 -0.01	34.93 3.15 -0.01	30.89 2.93 -0.01	32.66 2.43 -7.48	39.54 2.39 -15.03	39.45 2.41 -15.31	32.01 2.33 -8.91	33.75 2.24 -10.99	33.11 2.21 -9.80	44.57 2.49 -17.37	51.26 3.85 -9.66	55.00 4.86 -1.97	65.97 5.84 -0.57	72.21 6.07 -0.15	61.65 5.04 -0.01	50.55 3.75 -0.01	39.76 2.84 -0.01
BALL_HILL_WT_PWR 323825	28.29 -2.22 -0.52	28.09 -2.22 -0.25	27.50 -2.18 -0.25	26.89 -2.11 -0.14	28.84 -2.27 0.01	29.08 -2.26 0.01	32.39 -2.59 0.02	31.96 -2.41 0.00	29.25 -2.51 0.02	25.64 -2.29 0.02	21.38 -1.86 -0.50	20.73 -1.99 -0.60	20.32 -1.98 -0.57	19.49 -1.83 -0.54	19.20 -1.91 -0.59	19.72 -2.05 -0.67	22.99 -2.37 -0.66	29.22 -3.28 5.25	35.88 -4.09 8.19	52.36 -4.82 2.38	59.63 -5.74 0.62	52.17 -4.41 0.02	43.04 -3.75 0.02	34.65 -2.25 0.00
BARON_WINDS____WT_PWR 323822	28.95 -1.53 -0.49	28.76 -1.53 -0.23	28.18 -1.47 -0.23	27.56 -1.41 -0.12	29.58 -1.52 0.01	29.76 -1.57 0.01	33.25 -1.71 0.02	32.72 -1.65 0.00	29.88 -1.87 0.02	26.17 -1.76 0.02	21.75 -1.48 -0.48	21.10 -1.59 -0.57	20.69 -1.59 -0.55	19.79 -1.50 -0.51	19.48 -1.60 -0.56	19.92 -1.81 -0.63	23.38 -1.95 -0.63	0.00 -2.53 35.22	32.65 -2.74 12.77	53.15 -2.92 3.49	61.83 -3.50 0.66	53.91 -2.66 0.03	44.29 -2.48 0.03	35.39 -1.51 0.00
BARRETT_IC_1 23704	40.44 2.70 -7.76	36.60 2.67 -3.86	35.82 2.56 -3.84	33.61 2.51 -2.24	33.65 2.52 -0.01	34.08 2.73 -0.01	38.01 3.01 -0.01	37.47 3.09 -0.01	34.74 2.96 -0.01	30.73 2.77 -0.01	32.48 2.25 -7.48	39.11 2.17 -14.82	38.98 2.17 -15.08	31.75 2.10 -8.87	33.45 2.01 -10.91	32.88 1.98 -9.80	44.04 2.22 -17.11	50.72 3.36 -9.61	54.61 4.48 -1.97	65.43 5.30 -0.57	71.62 5.47 -0.15	61.08 4.47 -0.01	50.08 3.27 -0.01	39.43 2.51 -0.01
BARRETT_IC_10 23701	40.44 2.70 -7.76	36.60 2.67 -3.86	35.82 2.56 -3.84	33.61 2.51 -2.24	33.65 2.52 -0.01	34.08 2.73 -0.01	38.01 3.01 -0.01	37.47 3.09 -0.01	34.74 2.96 -0.01	30.73 2.77 -0.01	32.48 2.25 -7.48	39.11 2.17 -14.82	38.98 2.17 -15.08	31.75 2.10 -8.87	33.45 2.01 -10.91	32.88 1.98 -9.80	44.04 2.22 -17.11	50.72 3.36 -9.61	54.61 4.48 -1.97	65.43 5.30 -0.57	71.62 5.47 -0.15	61.08 4.47 -0.01	50.08 3.27 -0.01	39.43 2.51 -0.01
BARRETT_IC_11 23702	40.44 2.70 -7.76	36.60 2.67 -3.86	35.82 2.56 -3.84	33.61 2.51 -2.24	33.65 2.52 -0.01	34.08 2.73 -0.01	38.01 3.01 -0.01	37.47 3.09 -0.01	34.74 2.96 -0.01	30.73 2.77 -0.01	32.48 2.25 -7.48	39.11 2.17 -14.82	38.98 2.17 -15.08	31.75 2.10 -8.87	33.45 2.01 -10.91	32.88 1.98 -9.80	44.04 2.22 -17.11	50.72 3.36 -9.61	54.61 4.48 -1.97	65.43 5.30 -0.57	71.62 5.47 -0.15	61.08 4.47 -0.01	50.08 3.27 -0.01	39.43 2.51 -0.01
BARRETT_IC_12 23703	40.44 2.70 -7.76	36.60 2.67 -3.86	35.82 2.56 -3.84	33.61 2.51 -2.24	33.65 2.52 -0.01	34.08 2.73 -0.01	38.01 3.01 -0.01	37.47 3.09 -0.01	34.74 2.96 -0.01	30.73 2.77 -0.01	32.48 2.25 -7.48	39.11 2.17 -14.82	38.98 2.17 -15.08	31.75 2.10 -8.87	33.45 2.01 -10.91	32.88 1.98 -9.80	44.04 2.22 -17.11	50.72 3.36 -9.61	54.61 4.48 -1.97	65.43 5.30 -0.57	71.62 5.47 -0.15	61.08 4.47 -0.01	50.08 3.27 -0.01	39.43 2.51 -0.01
BARRETT_IC_2 23705	40.44 2.70 -7.76	36.60 2.67 -3.86	35.82 2.56 -3.84	33.61 2.51 -2.24	33.65 2.52 -0.01	34.08 2.73 -0.01	38.01 3.01 -0.01	37.47 3.09 -0.01	34.74 2.96 -0.01	30.73 2.77 -0.01	32.48 2.25 -7.48	39.11 2.17 -14.82	38.98 2.17 -15.08	31.75 2.10 -8.87	33.45 2.01 -10.91	32.88 1.98 -9.80	44.04 2.22 -17.11	50.72 3.36 -9.61	54.61 4.48 -1.97	65.43 5.30 -0.57	71.62 5.47 -0.15	61.08 4.47 -0.01	50.08 3.27 -0.01	39.43 2.51 -0.01
BARRETT_IC_3 23706	40.44 2.70 -7.76	36.60 2.67 -3.86	35.82 2.56 -3.84	33.61 2.51 -2.24	33.65 2.52 -0.01	34.08 2.73 -0.01	38.01 3.01 -0.01	37.47 3.09 -0.01	34.74 2.96 -0.01	30.73 2.77 -0.01	32.48 2.25 -7.48	39.11 2.17 -14.82	38.98 2.17 -15.08	31.75 2.10 -8.87	33.45 2.01 -10.91	32.88 1.98 -9.80	44.04 2.22 -17.11	50.72 3.36 -9.61	54.61 4.48 -1.97	65.43 5.30 -0.57	71.62 5.47 -0.15	61.08 4.47 -0.01	50.08 3.27 -0.01	39.43 2.51 -0.01
BARRETT_IC_4 23707	40.44 2.70 -7.76	36.60 2.67 -3.86	35.82 2.56 -3.84	33.61 2.51 -2.24	33.65 2.52 -0.01	34.08 2.73 -0.01	38.01 3.01 -0.01	37.47 3.09 -0.01	34.74 2.96 -0.01	30.73 2.77 -0.01	32.48 2.25 -7.48	39.11 2.17 -14.82	38.98 2.17 -15.08	31.75 2.10 -8.87	33.45 2.01 -10.91	32.88 1.98 -9.80	44.04 2.22 -17.11	50.72 3.36 -9.61	54.61 4.48 -1.97	65.43 5.30 -0.57	71.62 5.47 -0.15	61.08 4.47 -0.01	50.08 3.27 -0.01	39.43 2.51 -0.01
BARRETT_IC_5 23708	40.44 2.70 -7.76	36.60 2.67 -3.86	35.82 2.56 -3.84	33.61 2.51 -2.24	33.65 2.52 -0.01	34.08 2.73 -0.01	38.01 3.01 -0.01	37.47 3.09 -0.01	34.74 2.96 -0.01	30.73 2.77 -0.01	32.48 2.25 -7.48	39.11 2.17 -14.82	38.98 2.17 -15.08	31.75 2.10 -8.87	33.45 2.01 -10.91	32.88 1.98 -9.80	44.04 2.22 -17.11	50.72 3.36 -9.61	54.61 4.48 -1.97	65.43 5.30 -0.57	71.62 5.47 -0.15	61.08 4.47 -0.01	50.08 3.27 -0.01	39.43 2.51 -0.01

BARRETT_IC_6 23709	40.44 2.70 -7.76	36.60 2.67 -3.86	35.82 2.56 -3.84	33.61 2.51 -2.24	33.65 2.52 -0.01	34.08 2.73 -0.01	38.01 3.01 -0.01	37.47 3.09 -0.01	34.74 2.96 -0.01	30.73 2.77 -0.01	32.48 2.25 -7.48	39.11 2.17 -14.82	38.98 2.17 -15.08	31.75 2.10 -8.87	33.45 2.01 -10.91	32.88 1.98 -9.80	44.04 2.22 -17.11	50.72 3.36 -9.61	54.61 4.48 -1.97	65.43 5.30 -0.57	71.62 5.47 -0.15	61.08 4.47 -0.01	50.08 3.27 -0.01	39.43 2.51 -0.01
BARRETT_IC_7 23710	40.44 2.70 -7.76	36.60 2.68 -3.86	35.82 2.56 -3.84	33.61 2.51 -2.24	33.65 2.52 -0.01	34.08 2.73 -0.01	38.01 3.01 -0.01	37.47 3.09 -0.01	34.74 2.96 -0.01	30.73 2.77 -0.01	32.48 2.25 -7.48	39.10 2.17 -14.82	38.98 2.17 -15.08	31.77 2.08 -8.91	33.49 2.01 -10.95	32.96 2.03 -9.84	44.11 2.25 -17.15	50.72 3.36 -9.61	54.61 4.48 -1.97	65.43 5.30 -0.57	71.68 5.54 -0.15	61.08 4.47 -0.01	50.18 3.37 -0.01	39.42 2.51 -0.01
BARRETT_IC_8 23711	40.44 2.70 -7.76	36.60 2.67 -3.86	35.82 2.56 -3.84	33.61 2.51 -2.24	33.65 2.52 -0.01	34.08 2.73 -0.01	38.01 3.01 -0.01	37.47 3.09 -0.01	34.74 2.96 -0.01	30.73 2.77 -0.01	32.48 2.25 -7.48	39.11 2.17 -14.82	38.98 2.17 -15.08	31.75 2.10 -8.87	33.45 2.01 -10.91	32.88 1.98 -9.80	44.04 2.22 -17.11	50.72 3.36 -9.61	54.61 4.48 -1.97	65.43 5.30 -0.57	71.62 5.47 -0.15	61.08 4.47 -0.01	50.08 3.27 -0.01	39.43 2.51 -0.01
BARRETT_IC_9 23700	40.44 2.70 -7.76	36.60 2.67 -3.86	35.82 2.56 -3.84	33.61 2.51 -2.24	33.65 2.52 -0.01	34.08 2.73 -0.01	38.01 3.01 -0.01	37.47 3.09 -0.01	34.74 2.96 -0.01	30.73 2.77 -0.01	32.48 2.25 -7.48	39.11 2.17 -14.82	38.98 2.17 -15.08	31.75 2.10 -8.87	33.45 2.01 -10.91	32.88 1.98 -9.80	44.04 2.22 -17.11	50.72 3.36 -9.61	54.61 4.48 -1.97	65.43 5.30 -0.57	71.62 5.47 -0.15	61.08 4.47 -0.01	50.08 3.27 -0.01	39.43 2.51 -0.01
BARRETT___1 23545	40.44 2.70 -7.76	36.60 2.67 -3.86	35.82 2.56 -3.84	33.61 2.51 -2.24	33.65 2.52 -0.01	34.08 2.73 -0.01	38.01 3.01 -0.01	37.47 3.09 -0.01	34.74 2.96 -0.01	30.73 2.77 -0.01	32.48 2.25 -7.48	39.11 2.17 -14.82	38.98 2.17 -15.08	31.75 2.10 -8.87	33.45 2.01 -10.91	32.88 1.98 -9.80	44.04 2.22 -17.11	50.72 3.36 -9.61	54.61 4.48 -1.97	65.43 5.30 -0.57	71.62 5.47 -0.15	61.08 4.47 -0.01	50.08 3.27 -0.01	39.43 2.51 -0.01
BARRETT___2 23546	40.44 2.70 -7.76	36.60 2.67 -3.86	35.82 2.56 -3.84	33.61 2.51 -2.24	33.65 2.52 -0.01	34.08 2.73 -0.01	38.01 3.01 -0.01	37.47 3.09 -0.01	34.74 2.96 -0.01	30.73 2.77 -0.01	32.48 2.25 -7.48	39.11 2.17 -14.82	38.98 2.17 -15.08	31.75 2.10 -8.87	33.45 2.01 -10.91	32.88 1.98 -9.80	44.04 2.22 -17.11	50.72 3.36 -9.61	54.61 4.48 -1.97	65.43 5.30 -0.57	71.62 5.47 -0.15	61.08 4.47 -0.01	50.08 3.27 -0.01	39.43 2.51 -0.01
BATAVIA___115KV_TB1 55881	28.57 -1.95 -0.53	28.34 -1.98 -0.26	27.68 -2.00 -0.26	27.04 -1.96 -0.14	29.31 -1.80 0.01	29.49 -1.85 0.01	32.77 -2.20 0.01	32.27 -2.10 0.00	29.22 -2.54 0.01	25.62 -2.32 0.01	21.32 -1.93 -0.51	20.67 -2.06 -0.61	20.31 -2.00 -0.58	19.45 -1.87 -0.55	19.19 -1.93 -0.60	19.87 -1.90 -0.68	22.98 -2.40 -0.66	31.74 -3.51 2.50	37.37 -4.29 6.50	52.33 -5.18 2.05	59.44 -5.81 0.74	52.12 -4.47 0.01	43.65 -3.14 0.01	35.06 -1.85 0.00
BAYONEEC___CTG1 323682	40.04 2.31 -7.75	36.23 2.31 -3.85	35.40 2.15 -3.83	33.25 2.17 -2.23	33.26 2.15 0.00	33.66 2.32 0.00	37.48 2.48 0.00	37.05 2.68 0.00	34.35 2.57 0.00	30.47 2.52 0.00	32.38 2.16 -7.47	33.09 2.12 -8.84	32.34 2.15 -8.47	30.79 2.08 -7.94	31.18 1.97 -8.69	32.80 1.92 -9.79	36.48 2.15 -9.62	49.33 3.32 -8.26	54.46 4.34 -1.96	65.36 5.24 -0.56	71.34 5.21 -0.15	61.13 4.53 0.00	49.66 2.86 0.00	38.97 2.07 0.00
BAYONEEC___CTG10 323750	40.04 2.31 -7.75	36.23 2.31 -3.85	35.40 2.15 -3.83	33.25 2.17 -2.23	33.26 2.15 0.00	33.66 2.32 0.00	37.48 2.48 0.00	37.05 2.68 0.00	34.35 2.57 0.00	30.47 2.52 0.00	32.38 2.16 -7.47	33.09 2.12 -8.84	32.34 2.15 -8.47	30.79 2.08 -7.94	31.18 1.97 -8.69	32.80 1.92 -9.79	36.48 2.15 -9.62	49.33 3.32 -8.26	54.46 4.34 -1.96	65.36 5.24 -0.56	71.34 5.21 -0.15	61.13 4.53 0.00	49.66 2.86 0.00	38.97 2.07 0.00
BAYONEEC___CTG2 323683	40.04 2.31 -7.75	36.23 2.31 -3.85	35.40 2.15 -3.83	33.25 2.17 -2.23	33.26 2.15 0.00	33.66 2.32 0.00	37.48 2.48 0.00	37.05 2.68 0.00	34.35 2.57 0.00	30.47 2.52 0.00	32.38 2.16 -7.47	33.09 2.12 -8.84	32.34 2.15 -8.47	30.79 2.08 -7.94	31.18 1.97 -8.69	32.80 1.92 -9.79	36.48 2.15 -9.62	49.33 3.32 -8.26	54.46 4.34 -1.96	65.36 5.24 -0.56	71.34 5.21 -0.15	61.13 4.53 0.00	49.66 2.86 0.00	38.97 2.07 0.00
BAYONEEC___CTG3 323684	40.04 2.31 -7.75	36.23 2.31 -3.85	35.40 2.15 -3.83	33.25 2.17 -2.23	33.26 2.15 0.00	33.66 2.32 0.00	37.48 2.48 0.00	37.05 2.68 0.00	34.35 2.57 0.00	30.47 2.52 0.00	32.38 2.16 -7.47	33.09 2.12 -8.84	32.34 2.15 -8.47	30.79 2.08 -7.94	31.18 1.97 -8.69	32.80 1.92 -9.79	36.48 2.15 -9.62	49.33 3.32 -8.26	54.46 4.34 -1.96	65.36 5.24 -0.56	71.34 5.21 -0.15	61.13 4.53 0.00	49.66 2.86 0.00	38.97 2.07 0.00
BAYONEEC___CTG4 323685	40.04 2.31 -7.75	36.23 2.31 -3.85	35.40 2.15 -3.83	33.25 2.17 -2.23	33.26 2.15 0.00	33.66 2.32 0.00	37.48 2.48 0.00	37.05 2.68 0.00	34.35 2.57 0.00	30.47 2.52 0.00	32.38 2.16 -7.47	33.09 2.12 -8.84	32.34 2.15 -8.47	30.79 2.08 -7.94	31.18 1.97 -8.69	32.80 1.92 -9.79	36.48 2.15 -9.62	49.33 3.32 -8.26	54.46 4.34 -1.96	65.36 5.24 -0.56	71.34 5.21 -0.15	61.13 4.53 0.00	49.66 2.86 0.00	38.97 2.07 0.00
BAYONEEC___CTG5 323686	40.04 2.31 -7.75	36.23 2.31 -3.85	35.40 2.15 -3.83	33.25 2.17 -2.23	33.26 2.15 0.00	33.66 2.32 0.00	37.48 2.48 0.00	37.05 2.68 0.00	34.35 2.57 0.00	30.47 2.52 0.00	32.38 2.16 -7.47	33.09 2.12 -8.84	32.34 2.15 -8.47	30.79 2.08 -7.94	31.18 1.97 -8.69	32.80 1.92 -9.79	36.48 2.15 -9.62	49.33 3.32 -8.26	54.46 4.34 -1.96	65.36 5.24 -0.56	71.34 5.21 -0.15	61.13 4.53 0.00	49.66 2.86 0.00	38.97 2.07 0.00
BAYONEEC___CTG6 323687	40.04 2.31 -7.75	36.23 2.31 -3.85	35.40 2.15 -3.83	33.25 2.17 -2.23	33.26 2.15 0.00	33.66 2.32 0.00	37.48 2.48 0.00	37.05 2.68 0.00	34.35 2.57 0.00	30.47 2.52 0.00	32.38 2.16 -7.47	33.09 2.12 -8.84	32.34 2.15 -8.47	30.79 2.08 -7.94	31.18 1.97 -8.69	32.80 1.92 -9.79	36.48 2.15 -9.62	49.33 3.32 -8.26	54.46 4.34 -1.96	65.36 5.24 -0.56	71.34 5.21 -0.15	61.13 4.53 0.00	49.66 2.86 0.00	38.97 2.07 0.00
BAYONEEC___CTG7 323688	40.04 2.31 -7.75	36.23 2.31 -3.85	35.40 2.15 -3.83	33.25 2.17 -2.23	33.26 2.15 0.00	33.66 2.32 0.00	37.48 2.48 0.00	37.05 2.68 0.00	34.35 2.57 0.00	30.47 2.52 0.00	32.38 2.16 -7.47	33.09 2.12 -8.84	32.34 2.15 -8.47	30.79 2.08 -7.94	31.18 1.97 -8.69	32.80 1.92 -9.79	36.48 2.15 -9.62	49.33 3.32 -8.26	54.46 4.34 -1.96	65.36 5.24 -0.56	71.34 5.21 -0.15	61.13 4.53 0.00	49.66 2.86 0.00	38.97 2.07 0.00

BAYONEEC___CTG8 323689	40.04 2.31 -7.75	36.23 2.31 -3.85	35.40 2.15 -3.83	33.25 2.17 -2.23	33.26 2.15 0.00	33.66 2.32 0.00	37.48 2.48 0.00	37.05 2.68 0.00	34.35 2.57 0.00	30.47 2.52 0.00	32.38 2.16 -7.47	33.09 2.12 -8.84	32.34 2.15 -8.47	30.79 2.08 -7.94	31.18 1.97 -8.69	32.80 1.92 -9.79	36.48 2.15 -9.62	49.33 3.32 -8.26	54.46 4.34 -1.96	65.36 5.24 -0.56	71.34 5.21 -0.15	61.13 4.53 0.00	49.66 2.86 0.00	38.97 2.07 0.00
BAYONEEC___CTG9 323749	40.04 2.31 -7.75	36.23 2.31 -3.85	35.40 2.15 -3.83	33.25 2.17 -2.23	33.26 2.15 0.00	33.66 2.32 0.00	37.48 2.48 0.00	37.05 2.68 0.00	34.35 2.57 0.00	30.47 2.52 0.00	32.38 2.16 -7.47	33.09 2.12 -8.84	32.34 2.15 -8.47	30.79 2.08 -7.94	31.18 1.97 -8.69	32.80 1.92 -9.79	36.48 2.15 -9.62	49.33 3.32 -8.26	54.46 4.34 -1.96	65.36 5.24 -0.56	71.34 5.21 -0.15	61.13 4.53 0.00	49.66 2.86 0.00	38.97 2.07 0.00
BAYPORT_69_KV_BK 2 356364	41.04 3.30 -7.76	37.26 3.34 -3.86	36.38 3.12 -3.84	34.21 3.12 -2.24	34.36 3.24 -0.01	34.77 3.42 -0.01	38.67 3.67 -0.01	38.26 3.88 -0.01	35.41 3.62 -0.01	31.34 3.38 -0.01	33.11 2.89 -7.48	39.52 2.81 -14.59	39.40 2.85 -14.83	32.35 2.70 -8.88	34.02 2.63 -10.87	33.62 2.68 -9.84	44.51 2.94 -16.87	51.88 4.57 -9.56	55.72 5.59 -1.97	67.03 6.91 -0.57	73.40 7.26 -0.15	62.67 6.06 -0.01	51.44 4.63 -0.01	40.38 3.47 -0.01
BEACON___LESR 323632	39.92 1.17 -8.77	35.59 1.17 -4.36	34.90 1.15 -4.33	32.48 1.10 -2.53	32.24 1.12 0.00	32.50 1.16 0.00	36.29 1.30 0.00	35.64 1.27 0.00	32.86 1.08 0.00	28.93 0.98 0.00	31.97 0.77 -8.45	32.85 0.73 -10.00	32.00 0.70 -9.58	30.44 0.64 -9.02	31.03 0.64 -9.87	32.91 0.70 -11.12	36.45 0.81 -10.93	48.49 1.36 -9.38	49.99 1.83 0.00	61.87 2.32 0.00	68.23 2.24 0.00	58.53 1.93 0.00	48.25 1.45 0.00	38.09 1.18 0.00
BEAVER RIVER___HYD 24048	29.19 -1.14 -0.35	29.12 -1.11 -0.17	28.57 -1.03 -0.17	28.06 -0.89 -0.10	30.31 -0.81 0.00	30.65 -0.69 0.00	34.36 -0.63 0.00	33.41 -0.96 0.00	30.64 -1.14 0.00	26.53 -1.42 0.00	21.80 -1.27 -0.33	21.36 -1.15 -0.39	20.95 -1.15 -0.37	19.99 -1.14 -0.35	19.65 -1.25 -0.39	20.25 -1.29 -0.44	23.78 -1.36 -0.43	36.19 -1.92 -0.37	47.25 -0.92 0.00	59.07 -0.48 0.00	66.09 -0.20 -0.30	56.37 -0.23 0.00	46.80 0.00 0.00	36.69 -0.22 0.00
BEEBEE_GT_13 23619	29.27 -1.26 -0.54	29.00 -1.32 -0.27	28.34 -1.35 -0.26	27.68 -1.33 -0.15	29.93 -1.18 0.00	30.12 -1.22 0.00	33.58 -1.40 0.01	33.06 -1.31 0.00	30.05 -1.72 0.01	26.43 -1.51 0.01	21.97 -1.30 -0.52	21.39 -1.35 -0.62	21.06 -1.26 -0.59	20.11 -1.23 -0.56	19.88 -1.25 -0.61	20.52 -1.27 -0.69	23.78 -1.61 -0.68	36.10 -2.57 -0.91	39.62 -3.32 5.22	53.92 -3.87 1.77	61.05 -4.16 0.78	53.31 -3.28 0.01	44.73 -2.06 0.01	35.69 -1.22 0.00
BENSHRST_27_KV_BENSHRST_1 355998	40.38 2.64 -7.75	36.57 2.65 -3.86	35.73 2.47 -3.83	33.55 2.45 -2.24	33.58 2.46 -0.01	33.98 2.63 -0.01	37.69 2.69 0.00	37.15 2.78 0.00	34.38 2.61 0.00	30.52 2.57 0.00	32.44 2.23 -7.47	33.17 2.21 -8.84	32.43 2.24 -8.47	30.89 2.14 -7.98	31.33 2.07 -8.73	32.98 2.05 -9.83	36.62 2.25 -9.66	49.56 3.55 -8.26	54.89 4.77 -1.96	65.89 5.78 -0.56	71.94 5.81 -0.15	61.70 5.09 -0.01	50.18 3.37 -0.01	39.31 2.40 -0.01
BETHLEHEM___GRP 23843	39.50 0.75 -8.77	35.20 0.78 -4.36	34.52 0.77 -4.33	32.10 0.72 -2.53	31.86 0.75 0.00	32.09 0.75 0.00	35.83 0.84 0.00	35.19 0.82 0.00	32.48 0.70 0.00	28.62 0.67 0.00	31.72 0.52 -8.45	32.63 0.51 -10.01	31.78 0.48 -9.58	30.26 0.46 -9.02	30.85 0.45 -9.88	32.71 0.49 -11.12	36.19 0.54 -10.94	48.01 0.87 -9.39	49.32 1.16 0.00	60.92 1.37 0.00	67.18 1.19 0.00	57.68 1.08 0.00	47.60 0.80 0.00	37.57 0.66 0.00
BETHLEHEM___GS1 323560	39.53 0.78 -8.77	35.20 0.78 -4.36	34.52 0.76 -4.33	32.11 0.72 -2.53	31.86 0.75 0.00	32.09 0.75 0.00	35.83 0.84 0.00	35.19 0.82 0.00	32.48 0.70 0.00	28.62 0.67 0.00	31.72 0.52 -8.45	32.63 0.51 -10.01	31.78 0.48 -9.58	30.26 0.46 -9.02	30.85 0.45 -9.88	32.71 0.49 -11.12	36.18 0.54 -10.93	48.01 0.87 -9.39	49.32 1.15 0.00	60.92 1.37 0.00	67.18 1.19 0.00	57.67 1.07 0.00	47.55 0.75 0.00	37.57 0.67 0.00
BETHLEHEM___GS2 323561	39.53 0.78 -8.77	35.20 0.78 -4.36	34.52 0.76 -4.33	32.11 0.72 -2.53	31.86 0.75 0.00	32.09 0.75 0.00	35.83 0.84 0.00	35.19 0.82 0.00	32.48 0.70 0.00	28.62 0.67 0.00	31.72 0.52 -8.45	32.63 0.51 -10.01	31.78 0.48 -9.58	30.26 0.46 -9.02	30.85 0.45 -9.88	32.71 0.49 -11.12	36.18 0.54 -10.93	48.01 0.87 -9.39	49.32 1.15 0.00	60.92 1.37 0.00	67.18 1.19 0.00	57.67 1.07 0.00	47.55 0.75 0.00	37.57 0.67 0.00
BETHLEHEM___GS3 323562	39.53 0.78 -8.77	35.20 0.78 -4.36	34.52 0.76 -4.33	32.11 0.72 -2.53	31.86 0.75 0.00	32.09 0.75 0.00	35.83 0.84 0.00	35.19 0.82 0.00	32.48 0.70 0.00	28.62 0.67 0.00	31.72 0.52 -8.45	32.63 0.51 -10.01	31.78 0.48 -9.58	30.26 0.46 -9.02	30.85 0.45 -9.88	32.71 0.49 -11.12	36.18 0.54 -10.93	48.01 0.87 -9.39	49.32 1.15 0.00	60.92 1.37 0.00	67.18 1.19 0.00	57.67 1.07 0.00	47.55 0.75 0.00	37.57 0.67 0.00
BETHLEHEM___STEEL 23779	28.11 -2.40 -0.52	27.91 -2.40 -0.25	27.32 -2.35 -0.25	26.69 -2.31 -0.14	28.65 -2.46 0.01	28.86 -2.48 0.01	32.11 -2.87 0.02	31.72 -2.65 0.00	29.00 -2.76 0.02	25.42 -2.52 0.02	21.20 -2.05 -0.50	20.59 -2.12 -0.60	20.19 -2.11 -0.57	19.38 -1.93 -0.53	19.14 -1.97 -0.59	19.84 -1.92 -0.66	22.92 -2.45 -0.65	29.04 -3.59 5.12	35.65 -4.53 7.98	51.76 -5.42 2.38	58.82 -6.47 0.70	51.66 -4.92 0.02	42.76 -4.02 0.02	34.39 -2.51 0.00
BETHLHEM_115KV_TB1 79974	39.55 0.81 -8.76	35.23 0.81 -4.36	34.55 0.79 -4.33	32.16 0.78 -2.52	31.93 0.81 0.00	32.16 0.81 0.00	35.90 0.91 0.00	35.26 0.89 0.00	32.54 0.76 0.00	28.68 0.73 0.00	31.76 0.57 -8.45	32.67 0.55 -10.00	31.84 0.54 -9.57	30.29 0.50 -9.02	30.89 0.49 -9.87	32.74 0.53 -11.12	36.23 0.59 -10.93	48.08 0.94 -9.38	49.41 1.25 0.00	61.04 1.49 0.00	67.37 1.39 0.00	57.79 1.19 0.00	47.69 0.89 0.00	37.64 0.74 0.00
BETHPAGE_CC_5 323564	40.59 2.85 -7.76	36.78 2.86 -3.86	35.97 2.71 -3.84	33.78 2.68 -2.24	33.83 2.71 -0.01	34.27 2.92 -0.01	38.18 3.18 -0.01	37.68 3.30 -0.01	34.94 3.15 -0.01	30.89 2.93 -0.01	32.66 2.43 -7.48	39.89 2.41 -15.36	39.82 2.41 -15.68	32.06 2.33 -8.96	33.87 2.24 -11.11	33.11 2.21 -9.80	44.99 2.49 -17.78	51.30 3.81 -9.73	54.90 4.77 -1.97	65.90 5.77 -0.57	72.08 5.94 -0.16	61.53 4.92 -0.01	50.46 3.65 -0.01	39.72 2.80 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	28.14 -2.37 -0.52	27.91 -2.40 -0.25	27.38 -2.30 -0.25	26.71 -2.28 -0.14	28.62 -2.49 0.01	28.86 -2.48 0.01	32.07 -2.90 0.02	31.72 -2.65 0.00	29.06 -2.70 0.02	25.47 -2.46 0.02	21.27 -1.98 -0.50	20.64 -2.08 -0.60	20.23 -2.06 -0.57	19.40 -1.91 -0.53	19.20 -1.91 -0.59	19.90 -1.86 -0.66	23.01 -2.35 -0.65	29.64 -3.36 4.75	35.80 -4.24 8.12	52.14 -5.00 2.41	59.15 -6.14 0.70	51.94 -4.64 0.02	42.76 -4.02 0.02	34.36 -2.55 0.00

BINGHAMTON___COGEN 23790	33.57 0.39 -3.20	32.05 0.39 -1.60	31.40 0.38 -1.59	30.17 0.38 -0.93	31.53 0.40 -0.01	31.70 0.34 -0.01	35.43 0.42 -0.02	34.78 0.41 0.00	32.02 0.22 -0.02	28.13 0.17 -0.02	25.86 0.11 -3.00	25.76 0.11 -3.54	25.24 0.13 -3.39	24.10 0.12 -3.19	24.16 0.14 -3.50	25.16 0.13 -3.93	28.74 0.17 -3.86	40.86 0.38 -2.73	62.07 0.53 -13.38	64.28 0.77 -3.95	68.10 0.73 -1.39	57.24 0.62 -0.02	47.24 0.42 -0.02	37.20 0.30 0.00
BIXINCNT_115KV_LOAD 355685	27.93 -2.58 -0.52	27.73 -2.59 -0.25	27.35 -2.32 -0.25	26.71 -2.28 -0.14	28.49 -2.61 0.01	28.76 -2.57 0.01	32.10 -2.87 0.02	31.76 -2.61 0.00	29.28 -2.48 0.02	25.64 -2.29 0.02	21.38 -1.87 -0.50	20.75 -1.97 -0.60	20.19 -2.11 -0.57	19.34 -1.97 -0.53	19.16 -1.95 -0.58	19.84 -1.92 -0.66	23.06 -2.30 -0.65	31.97 -3.06 2.72	35.72 -3.66 8.78	52.78 -4.23 2.54	59.98 -5.34 0.66	52.73 -3.85 0.02	42.99 -3.79 0.02	34.43 -2.47 0.00
BLACK RIVER___HYD 24047	29.74 -0.69 -0.45	29.62 -0.66 -0.22	29.06 -0.59 -0.22	28.38 -0.61 -0.13	30.65 -0.47 0.00	30.93 -0.41 0.00	34.64 -0.35 0.00	33.65 -0.72 0.00	30.76 -1.02 0.00	26.55 -1.40 0.00	21.94 -1.23 -0.43	21.52 -1.11 -0.51	21.13 -1.09 -0.49	20.18 -1.06 -0.46	19.91 -1.11 -0.50	20.50 -1.16 -0.56	24.08 -1.19 -0.56	36.68 -1.55 -0.48	47.44 -0.72 0.00	59.61 0.06 0.00	66.93 0.47 -0.48	56.83 0.23 0.00	47.08 0.28 0.00	36.87 -0.04 0.00
BLACKRVR_115KV_TB2 79977	29.74 -0.69 -0.45	29.62 -0.66 -0.22	29.06 -0.59 -0.22	28.38 -0.61 -0.13	30.65 -0.47 0.00	30.94 -0.41 0.00	34.64 -0.35 0.00	33.65 -0.72 0.00	30.76 -1.02 0.00	26.55 -1.40 0.00	21.94 -1.23 -0.43	21.52 -1.11 -0.51	21.13 -1.09 -0.49	20.18 -1.06 -0.46	19.89 -1.13 -0.50	20.48 -1.18 -0.56	24.08 -1.19 -0.55	36.68 -1.55 -0.48	47.44 -0.72 0.00	59.61 0.06 0.00	66.93 0.46 -0.48	56.83 0.23 0.00	47.08 0.28 0.00	36.87 -0.04 0.00
BLISS_WT_PWR 323608	27.90 -2.61 -0.52	27.67 -2.65 -0.25	27.26 -2.41 -0.25	26.71 -2.28 -0.14	28.43 -2.68 0.01	28.70 -2.63 0.01	32.11 -2.87 0.02	31.72 -2.65 0.00	29.28 -2.48 0.02	25.64 -2.29 0.02	21.38 -1.86 -0.50	20.70 -2.01 -0.60	20.13 -2.17 -0.57	19.28 -2.04 -0.54	18.93 -2.18 -0.59	19.23 -2.53 -0.66	22.82 -2.54 -0.66	31.86 -3.17 2.72	35.58 -3.81 8.78	52.61 -4.41 2.54	59.58 -5.74 0.66	52.68 -3.90 0.02	42.80 -3.98 0.02	34.43 -2.47 0.00
BLUESTONE___WT_PWR 323821	34.53 1.44 -3.11	33.09 1.47 -1.55	32.44 1.47 -1.54	31.12 1.36 -0.90	32.61 1.49 0.00	32.85 1.50 0.00	36.85 1.85 -0.01	36.09 1.72 0.00	33.12 1.33 -0.01	28.82 0.87 -0.01	26.78 0.64 -3.40	26.85 0.71 -4.02	26.27 0.70 -3.85	25.12 0.71 -3.63	25.15 0.66 -3.98	26.14 0.57 -4.48	29.97 0.86 -4.40	42.99 1.74 -3.50	56.89 2.98 -6.75	64.57 3.17 -2.04	70.02 3.17 -0.86	59.21 2.61 -0.01	48.77 1.97 -0.01	38.34 1.44 0.00
BLUE_CIRC_CHEM_DRP 24182	39.78 1.11 -8.68	35.49 1.11 -4.32	34.80 1.09 -4.29	32.40 1.04 -2.50	32.27 1.15 0.00	32.50 1.16 0.00	36.25 1.26 0.00	35.54 1.17 0.00	32.73 0.95 0.00	28.79 0.84 0.00	31.73 0.61 -8.37	32.61 0.58 -9.91	31.78 0.56 -9.49	30.24 0.52 -8.94	30.84 0.53 -9.79	32.71 0.59 -11.02	36.21 0.67 -10.83	48.22 1.17 -9.30	49.85 1.69 0.00	61.76 2.20 0.00	68.16 2.18 0.00	58.47 1.87 0.00	48.30 1.50 0.00	38.05 1.14 0.00
BOC_GAS_DRP 24189	39.63 0.93 -8.72	35.33 0.93 -4.34	34.65 0.91 -4.31	32.26 0.89 -2.51	32.05 0.93 0.00	32.28 0.94 0.00	36.01 1.01 0.00	35.40 1.03 0.00	32.70 0.92 0.00	28.82 0.87 0.00	31.86 0.71 -8.41	32.76 0.69 -9.96	31.94 0.67 -9.54	30.40 0.64 -8.98	30.99 0.64 -9.83	32.83 0.65 -11.07	36.33 0.74 -10.89	48.27 1.17 -9.34	49.70 1.54 0.00	61.40 1.85 0.00	67.70 1.72 0.00	58.13 1.53 0.00	47.97 1.17 0.00	37.79 0.89 0.00
BOONVILLE_115KV_TB1 79983	30.08 -0.24 -0.34	30.02 -0.21 -0.17	29.44 -0.15 -0.17	28.87 -0.09 -0.10	31.15 0.03 0.00	31.50 0.16 0.00	35.27 0.28 0.00	34.44 0.07 0.00	31.62 -0.16 0.00	27.45 -0.50 0.00	22.59 -0.48 -0.32	22.08 -0.42 -0.38	21.68 -0.41 -0.36	20.70 -0.42 -0.34	20.42 -0.47 -0.38	20.97 -0.55 -0.42	24.63 -0.49 -0.42	37.54 -0.57 -0.36	48.50 0.34 0.00	60.51 0.95 0.00	67.42 1.25 -0.18	57.56 0.96 0.00	47.64 0.84 0.00	37.42 0.52 0.00
BORALEX_4TH_BRANCH 23824	40.59 1.80 -8.81	36.22 1.77 -4.38	35.51 1.74 -4.35	33.07 1.67 -2.54	32.89 1.77 0.00	33.16 1.82 0.00	36.99 1.99 0.00	36.40 2.03 0.00	33.59 1.81 0.00	29.60 1.65 0.00	32.58 1.34 -8.49	33.45 1.28 -10.05	32.59 1.24 -9.63	31.05 1.21 -9.07	31.64 1.19 -9.93	33.52 1.24 -11.18	37.13 1.43 -10.99	49.48 2.30 -9.43	51.20 3.03 0.00	63.19 3.63 0.00	69.42 3.43 0.00	59.66 3.06 0.00	49.42 2.62 0.00	38.86 1.96 0.00
BOWLINE___1 23526	39.53 1.98 -7.57	35.81 1.98 -3.76	34.99 1.83 -3.74	32.89 1.85 -2.18	32.92 1.80 0.00	33.29 1.94 0.00	37.09 2.10 0.00	36.60 2.23 0.00	33.91 2.13 0.00	29.99 2.04 0.00	31.79 1.75 -7.29	32.48 1.73 -8.63	31.73 1.74 -8.27	30.33 1.75 -7.81	30.75 1.68 -8.55	32.37 1.65 -9.63	36.05 1.88 -9.46	48.82 2.95 -8.13	54.04 3.80 -2.07	64.80 4.65 -0.60	70.76 4.62 -0.15	60.56 3.96 0.00	49.42 2.62 0.00	38.79 1.88 0.00
BOWLINE___2 23595	39.53 1.98 -7.57	35.81 1.98 -3.76	34.99 1.83 -3.74	32.89 1.85 -2.18	32.92 1.80 0.00	33.29 1.94 0.00	37.09 2.10 0.00	36.60 2.23 0.00	33.91 2.13 0.00	29.99 2.04 0.00	31.79 1.75 -7.29	32.48 1.73 -8.63	31.73 1.74 -8.27	30.33 1.75 -7.81	30.76 1.68 -8.55	32.37 1.65 -9.63	36.05 1.88 -9.47	48.82 2.95 -8.13	54.04 3.80 -2.07	64.80 4.65 -0.60	70.76 4.62 -0.15	60.56 3.96 0.00	49.42 2.62 0.00	38.79 1.88 0.00
BRADY___115KV_TB2 356060	29.53 -0.45 0.00	29.64 -0.42 0.00	29.01 -0.41 0.00	28.45 -0.40 0.00	30.68 -0.44 0.00	30.84 -0.50 0.00	34.57 -0.42 0.00	33.72 -0.65 0.00	31.17 -0.60 0.00	27.33 -0.61 0.00	22.20 -0.55 0.00	21.65 -0.46 0.00	21.23 -0.50 0.00	20.28 -0.50 0.00	20.05 -0.47 0.00	20.68 -0.42 0.00	24.29 -0.42 0.00	37.00 -0.76 0.00	47.58 -0.58 0.00	58.96 -0.60 0.00	66.05 0.07 0.00	56.49 -0.11 0.00	46.85 0.05 0.00	36.94 0.04 0.00
BRANSCOMB___SOLAR 323811	40.54 1.59 -8.97	36.08 1.56 -4.46	35.38 1.53 -4.43	32.91 1.47 -2.58	32.64 1.52 0.00	32.91 1.57 0.00	36.77 1.78 0.00	35.98 1.62 0.00	33.08 1.30 0.00	29.01 1.06 0.00	32.19 0.82 -8.63	33.08 0.75 -10.21	32.20 0.70 -9.78	30.61 0.62 -9.21	31.24 0.64 -10.08	33.14 0.70 -11.35	36.75 0.89 -11.16	48.99 1.66 -9.58	50.43 2.26 0.00	62.71 3.15 0.00	69.29 3.30 0.00	59.43 2.83 0.00	49.05 2.25 0.00	38.57 1.66 0.00
BRDGHMPT_69_KV_BK1 55812	40.50 2.76 -7.76	36.75 2.83 -3.86	35.91 2.65 -3.83	33.84 2.74 -2.24	34.02 2.89 -0.01	34.45 3.10 -0.01	38.36 3.36 -0.01	38.36 3.99 -0.01	35.54 3.75 -0.01	31.59 3.63 -0.01	33.38 3.16 -7.48	39.72 3.07 -14.52	39.57 3.09 -14.76	32.57 2.93 -8.87	34.20 2.83 -10.84	33.79 2.85 -9.84	44.58 3.09 -16.78	52.02 4.72 -9.55	56.01 5.88 -1.97	67.75 7.62 -0.57	74.32 8.18 -0.15	63.57 6.96 -0.01	52.05 5.24 -0.01	40.94 4.02 -0.01



BRENTWOD_69_KV_W. BRTWOOD 56703	40.80 3.06 -7.76	36.99 3.07 -3.86	36.14 2.88 -3.84	33.98 2.89 -2.24	34.08 2.96 -0.01	34.49 3.13 -0.01	38.39 3.39 -0.01	37.95 3.57 -0.01	35.12 3.34 -0.01	31.09 3.13 -0.01	32.86 2.64 -7.48	39.31 2.59 -14.61	39.18 2.61 -14.85	32.13 2.47 -8.88	33.80 2.40 -10.88	33.39 2.45 -9.84	44.29 2.69 -16.89	51.43 4.11 -9.56	55.00 4.86 -1.97	66.02 5.90 -0.57	72.28 6.14 -0.15	61.70 5.09 -0.01	50.97 4.17 -0.01	40.01 3.10 -0.01
BRISTLHL_115KV_TB1 79998	30.05 -0.57 -0.64	29.81 -0.57 -0.32	29.18 -0.56 -0.32	28.46 -0.58 -0.18	30.56 -0.56 0.00	30.75 -0.60 0.00	34.33 -0.66 0.00	33.68 -0.69 0.00	31.02 -0.76 0.00	27.25 -0.70 0.00	22.77 -0.59 -0.61	22.27 -0.58 -0.73	21.88 -0.54 -0.69	20.91 -0.52 -0.65	20.70 -0.53 -0.72	21.36 -0.55 -0.81	24.86 -0.64 -0.79	37.45 -0.98 -0.68	44.90 -1.40 1.87	57.41 -1.61 0.54	65.15 -1.78 -0.94	55.07 -1.53 0.00	45.63 -1.17 0.00	35.98 -0.92 0.00
BROOKHAVEN___DRP 24191	40.77 3.03 -7.76	36.96 3.04 -3.86	36.11 2.85 -3.83	33.95 2.86 -2.24	34.08 2.96 -0.01	34.49 3.13 -0.01	38.39 3.39 -0.01	37.99 3.61 -0.01	35.16 3.37 -0.01	31.14 3.19 -0.01	32.91 2.68 -7.48	39.27 2.63 -14.52	39.13 2.65 -14.75	32.18 2.53 -8.87	33.81 2.44 -10.84	33.43 2.49 -9.84	44.18 2.69 -16.78	51.49 4.19 -9.55	55.19 5.06 -1.97	66.44 6.31 -0.57	72.74 6.60 -0.15	62.10 5.49 -0.01	51.07 4.26 -0.01	40.13 3.21 -0.01
BROOKLYN_NAVY_YARD 23515	39.95 2.22 -7.75	36.14 2.22 -3.85	35.31 2.06 -3.83	33.14 2.05 -2.23	33.14 2.02 0.00	33.60 2.26 0.00	37.40 2.41 0.00	36.95 2.58 0.00	34.29 2.51 0.00	30.41 2.46 0.00	32.33 2.12 -7.47	33.04 2.08 -8.84	32.30 2.11 -8.47	30.75 2.04 -7.94	31.14 1.93 -8.69	32.76 1.88 -9.79	36.43 2.10 -9.62	49.29 3.28 -8.26	54.41 4.28 -1.96	65.24 5.12 -0.56	71.21 5.08 -0.15	61.07 4.47 0.00	49.61 2.81 0.00	38.90 1.99 0.00
BROOKLYN___ARMY_DRP 323595	40.29 2.55 -7.75	36.48 2.56 -3.86	35.64 2.38 -3.83	33.49 2.40 -2.24	33.52 2.40 -0.01	33.89 2.54 -0.01	37.58 2.59 0.00	37.05 2.68 0.00	34.29 2.51 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.08 2.12 -8.84	32.34 2.15 -8.47	30.81 2.06 -7.98	31.24 1.99 -8.73	32.89 1.96 -9.83	36.55 2.17 -9.66	49.41 3.40 -8.26	54.65 4.53 -1.96	65.66 5.54 -0.56	71.68 5.54 -0.15	61.42 4.81 -0.01	49.99 3.18 -0.01	39.20 2.29 -0.01
BROOME_2_LFGE 323671	33.57 0.39 -3.20	32.05 0.39 -1.60	31.39 0.38 -1.59	30.16 0.37 -0.93	31.53 0.40 -0.01	31.70 0.35 -0.01	35.43 0.42 -0.02	34.78 0.41 0.00	32.02 0.22 -0.02	28.13 0.17 -0.02	25.86 0.11 -3.00	25.78 0.11 -3.55	25.25 0.13 -3.40	24.13 0.15 -3.21	24.15 0.12 -3.51	25.11 0.06 -3.95	28.73 0.15 -3.88	40.86 0.38 -2.73	62.07 0.53 -13.38	64.27 0.77 -3.95	68.10 0.73 -1.39	57.24 0.62 -0.02	47.19 0.37 -0.02	37.20 0.29 0.00
BROOME___LFGE 323600	33.57 0.39 -3.20	32.05 0.39 -1.60	31.39 0.38 -1.59	30.16 0.37 -0.93	31.53 0.40 -0.01	31.70 0.35 -0.01	35.43 0.42 -0.02	34.78 0.41 0.00	32.02 0.22 -0.02	28.13 0.17 -0.02	25.86 0.11 -3.00	25.78 0.11 -3.55	25.25 0.13 -3.40	24.13 0.15 -3.21	24.15 0.12 -3.51	25.11 0.06 -3.95	28.73 0.15 -3.88	40.86 0.38 -2.73	62.07 0.53 -13.38	64.27 0.77 -3.95	68.10 0.73 -1.39	57.24 0.62 -0.02	47.19 0.37 -0.02	37.20 0.29 0.00
BROWNFLS_115KV_TB_3_5 80003	28.91 -1.32 -0.25	28.89 -1.29 -0.12	28.34 -1.21 -0.12	27.83 -1.10 -0.07	30.03 -1.09 0.00	30.21 -1.13 0.00	33.87 -1.12 0.00	32.99 -1.37 0.00	30.38 -1.40 0.00	26.44 -1.51 0.00	21.66 -1.32 -0.24	21.20 -1.19 -0.28	20.78 -1.22 -0.27	19.84 -1.18 -0.25	19.56 -1.23 -0.28	20.18 -1.22 -0.31	23.70 -1.31 -0.30	35.94 -2.08 -0.26	46.57 -1.59 0.00	58.00 -1.55 0.00	65.01 -1.19 -0.21	55.52 -1.08 0.00	46.14 -0.66 0.00	36.28 -0.63 0.00
BROWNSV1_27_KV_LOAD 356125	40.25 2.52 -7.75	36.41 2.50 -3.85	35.58 2.32 -3.83	33.40 2.31 -2.23	33.42 2.30 0.00	33.85 2.51 0.00	37.69 2.69 0.00	37.26 2.89 0.00	34.54 2.76 0.00	30.63 2.68 0.00	32.51 2.30 -7.47	33.24 2.28 -8.84	32.47 2.28 -8.47	30.93 2.18 -7.98	31.37 2.11 -8.73	33.04 2.11 -9.83	36.70 2.32 -9.66	49.63 3.62 -8.26	54.84 4.72 -1.96	65.83 5.72 -0.56	71.94 5.81 -0.15	61.58 4.98 0.00	50.08 3.28 0.00	39.23 2.33 0.00
BURROWS___LYONSDAL 23803	29.78 -0.54 -0.34	29.72 -0.51 -0.17	29.15 -0.44 -0.17	28.64 -0.32 -0.10	30.90 -0.22 0.00	31.28 -0.06 0.00	35.06 0.07 0.00	34.16 -0.21 0.00	31.37 -0.41 0.00	27.20 -0.75 0.00	22.38 -0.68 -0.32	21.88 -0.62 -0.38	21.48 -0.61 -0.37	20.50 -0.62 -0.35	20.18 -0.72 -0.38	20.74 -0.78 -0.43	24.36 -0.77 -0.42	37.13 -0.98 -0.36	48.21 0.05 0.00	60.21 0.66 0.00	67.12 0.92 -0.21	57.34 0.74 0.00	47.46 0.66 0.00	37.24 0.33 0.00
CAITHNESS_CC_1 323624	40.71 2.97 -7.76	36.93 3.01 -3.86	36.09 2.83 -3.83	33.93 2.83 -2.24	34.02 2.89 -0.01	34.42 3.07 -0.01	38.33 3.33 -0.01	37.92 3.54 -0.01	35.09 3.30 -0.01	31.09 3.13 -0.01	32.86 2.64 -7.48	39.20 2.56 -14.52	39.08 2.61 -14.75	32.10 2.49 -8.83	33.72 2.40 -10.80	33.28 2.38 -9.80	44.06 2.62 -16.73	51.37 4.08 -9.54	55.05 4.91 -1.97	66.20 6.08 -0.57	72.48 6.34 -0.15	61.87 5.26 -0.01	50.83 4.03 -0.01	40.01 3.10 -0.01
CALPINE BETH_PAGE_GT4 24209	40.59 2.85 -7.76	36.78 2.86 -3.86	35.97 2.71 -3.84	33.78 2.68 -2.24	33.83 2.71 -0.01	34.27 2.91 -0.01	38.19 3.18 -0.01	37.68 3.30 -0.01	34.93 3.15 -0.01	30.89 2.93 -0.01	32.68 2.46 -7.48	40.27 2.41 -15.74	40.24 2.41 -16.10	32.14 2.31 -9.06	34.05 2.24 -11.30	33.20 2.26 -9.84	45.53 2.52 -18.30	51.35 3.78 -9.82	54.85 4.72 -1.97	65.79 5.66 -0.58	72.08 5.94 -0.16	61.48 4.87 -0.01	50.46 3.65 -0.01	39.72 2.80 -0.01
CALPINE_BETH_PAGE_GT_4 323586	40.62 2.88 -7.76	36.81 2.89 -3.86	35.97 2.71 -3.84	33.78 2.68 -2.24	33.83 2.71 -0.01	34.27 2.92 -0.01	38.19 3.18 -0.01	37.68 3.30 -0.01	34.94 3.15 -0.01	30.89 2.93 -0.01	32.68 2.46 -7.48	40.27 2.41 -15.74	40.24 2.41 -16.10	32.12 2.33 -9.02	34.01 2.24 -11.25	33.11 2.21 -9.80	45.46 2.49 -18.26	51.31 3.74 -9.82	54.86 4.72 -1.97	65.85 5.72 -0.58	72.01 5.87 -0.16	61.48 4.87 -0.01	50.41 3.60 -0.01	39.72 2.80 -0.01
CALPINE_BP_GT1 23823	40.62 2.88 -7.76	36.81 2.89 -3.86	35.97 2.71 -3.84	33.78 2.68 -2.24	33.83 2.71 -0.01	34.27 2.92 -0.01	38.19 3.18 -0.01	37.68 3.30 -0.01	34.94 3.15 -0.01	30.89 2.93 -0.01	32.68 2.46 -7.48	40.27 2.41 -15.74	40.24 2.41 -16.10	32.12 2.33 -9.02	34.01 2.24 -11.25	33.11 2.21 -9.80	45.46 2.49 -18.26	51.31 3.74 -9.82	54.86 4.72 -1.97	65.85 5.72 -0.58	72.01 5.87 -0.16	61.48 4.87 -0.01	50.41 3.60 -0.01	39.72 2.80 -0.01
CALSPAN___DRP 24200	28.11 -2.40 -0.52	27.91 -2.40 -0.25	27.32 -2.35 -0.25	26.69 -2.31 -0.14	28.65 -2.46 0.01	28.86 -2.48 0.01	32.11 -2.87 0.02	31.72 -2.65 0.00	29.00 -2.76 0.02	25.42 -2.52 0.02	21.20 -2.05 -0.50	20.59 -2.12 -0.60	20.19 -2.11 -0.57	19.38 -1.93 -0.53	19.14 -1.97 -0.59	19.84 -1.92 -0.66	22.92 -2.45 -0.65	29.04 -3.59 5.12	35.65 -4.53 7.98	51.76 -5.42 2.38	58.82 -6.47 0.70	51.66 -4.92 0.02	42.76 -4.02 0.02	34.39 -2.51 0.00

CALVERTON___SOLAR 323806	40.80 3.06 -7.76	37.02 3.10 -3.86	36.15 2.89 -3.83	34.01 2.91 -2.24	34.14 3.02 -0.01	34.55 3.20 -0.01	38.46 3.46 -0.01	38.06 3.68 -0.01	35.22 3.43 -0.01	31.20 3.24 -0.01	32.97 2.75 -7.48	39.32 2.68 -14.52	39.17 2.69 -14.75	32.20 2.60 -8.83	33.81 2.48 -10.80	33.38 2.49 -9.80	44.19 2.74 -16.74	51.56 4.26 -9.55	55.38 5.25 -1.97	66.68 6.55 -0.57	73.00 6.86 -0.15	62.32 5.71 -0.01	51.11 4.30 -0.01	40.24 3.32 -0.01
CANDIGU_WT_PWR 323617	28.95 -1.53 -0.49	28.76 -1.53 -0.23	28.18 -1.47 -0.23	27.56 -1.41 -0.12	29.58 -1.52 0.01	29.76 -1.57 0.01	33.25 -1.71 0.02	32.72 -1.65 0.00	29.88 -1.87 0.02	26.17 -1.76 0.02	21.75 -1.48 -0.48	21.10 -1.59 -0.57	20.69 -1.59 -0.55	19.79 -1.50 -0.51	19.48 -1.60 -0.56	19.92 -1.81 -0.63	23.38 -1.95 -0.63	0.00 -2.53 35.22	32.65 -2.74 12.77	53.15 -2.92 3.49	61.83 -3.50 0.66	53.91 -2.66 0.03	44.29 -2.48 0.03	35.39 -1.51 0.00
CARR STREET_E_SYR 24060	30.51 -0.21 -0.73	30.22 -0.21 -0.36	29.58 -0.20 -0.36	28.84 -0.23 -0.21	30.93 -0.19 0.00	31.12 -0.22 0.00	34.75 -0.24 0.00	34.09 -0.28 0.00	31.36 -0.41 0.00	27.59 -0.36 0.00	23.13 -0.32 -0.70	22.64 -0.31 -0.83	22.24 -0.28 -0.79	21.26 -0.27 -0.75	21.07 -0.27 -0.82	21.75 -0.27 -0.92	25.27 -0.35 -0.91	38.00 -0.53 -0.78	45.36 -0.77 2.03	58.14 -0.83 0.58	65.31 -0.86 -0.18	55.81 -0.79 0.00	46.19 -0.61 0.00	36.46 -0.44 0.00
CARTHAGE___PAPER 23857	29.40 -0.99 -0.41	29.30 -0.96 -0.20	28.75 -0.88 -0.20	28.17 -0.81 -0.12	30.40 -0.71 0.00	30.72 -0.63 0.00	34.43 -0.56 0.00	33.44 -0.93 0.00	30.64 -1.14 0.00	26.50 -1.45 0.00	21.86 -1.27 -0.39	21.41 -1.17 -0.46	21.02 -1.15 -0.44	20.05 -1.14 -0.42	19.75 -1.23 -0.46	20.35 -1.27 -0.51	23.88 -1.33 -0.51	36.37 -1.81 -0.43	47.30 -0.87 0.00	59.26 -0.30 0.00	66.46 0.07 -0.41	56.54 -0.06 0.00	46.89 0.09 0.00	36.72 -0.18 0.00
CASSADAGA_WT_PWR 323784	28.22 -2.28 -0.52	28.06 -2.26 -0.25	27.61 -2.06 -0.25	27.06 -1.93 -0.14	28.99 -2.12 0.01	29.33 -2.01 0.01	32.77 -2.20 0.02	32.41 -1.96 0.00	29.73 -2.03 0.02	25.98 -1.96 0.02	21.65 -1.59 -0.50	20.93 -1.79 -0.60	20.47 -1.82 -0.57	19.61 -1.70 -0.54	19.28 -1.83 -0.59	19.72 -2.05 -0.67	23.16 -2.20 -0.66	31.72 -2.75 3.27	36.33 -3.18 8.65	53.53 -3.51 2.51	60.78 -4.55 0.65	53.36 -3.22 0.02	43.78 -3.00 0.02	35.17 -1.73 0.00
CE_DUNWOOD___DRP 24194	39.88 2.16 -7.74	36.11 2.19 -3.85	35.28 2.03 -3.82	33.11 2.02 -2.23	33.14 2.02 0.00	33.51 2.16 0.00	37.34 2.34 0.00	36.88 2.51 0.00	34.16 2.38 0.00	30.24 2.29 0.00	32.19 1.98 -7.47	32.90 1.95 -8.84	32.14 1.96 -8.46	30.62 1.87 -7.97	31.07 1.83 -8.73	32.74 1.81 -9.83	36.39 2.03 -9.66	49.17 3.17 -8.25	54.22 4.09 -1.96	65.06 4.94 -0.57	71.15 5.02 -0.15	60.85 4.25 0.00	49.65 2.85 0.00	38.94 2.03 0.00
CE_MILLWOOD___DRP 24193	39.82 2.10 -7.74	36.01 2.10 -3.85	35.22 1.97 -3.82	33.05 1.96 -2.23	33.08 1.96 0.00	33.44 2.10 0.00	37.27 2.27 0.00	36.81 2.44 0.00	34.07 2.29 0.00	30.16 2.21 0.00	32.09 1.89 -7.46	32.81 1.86 -8.83	32.05 1.87 -8.45	30.55 1.81 -7.96	31.00 1.76 -8.72	32.67 1.75 -9.82	36.31 1.95 -9.65	49.08 3.06 -8.27	54.13 4.00 -1.97	64.94 4.82 -0.57	71.02 4.88 -0.15	60.73 4.13 0.00	49.61 2.81 0.00	38.86 1.96 0.00
CE_NYC2_DRP 24202	40.10 2.37 -7.75	36.29 2.37 -3.85	35.46 2.21 -3.83	33.31 2.22 -2.23	33.33 2.21 0.00	33.69 2.35 0.00	37.44 2.45 0.00	36.98 2.61 0.00	34.29 2.51 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.06 2.10 -8.84	32.32 2.13 -8.47	30.79 2.04 -7.98	31.22 1.97 -8.73	32.87 1.94 -9.83	36.50 2.12 -9.66	49.29 3.28 -8.26	54.41 4.29 -1.96	65.30 5.18 -0.56	71.35 5.21 -0.15	61.07 4.47 0.00	49.70 2.90 0.00	38.97 2.07 0.00
CE_NYC_DRP 24195	40.07 2.34 -7.75	36.26 2.34 -3.85	35.43 2.18 -3.83	33.25 2.16 -2.23	33.29 2.18 0.00	33.69 2.35 0.00	37.51 2.52 0.00	37.08 2.72 0.00	34.38 2.61 0.00	30.47 2.52 0.00	32.38 2.16 -7.47	33.11 2.15 -8.84	32.37 2.17 -8.47	30.81 2.06 -7.98	31.24 1.99 -8.73	32.91 1.98 -9.83	36.55 2.17 -9.66	49.41 3.40 -8.26	54.55 4.43 -1.96	65.48 5.36 -0.56	71.48 5.34 -0.15	61.18 4.58 0.00	49.80 3.00 0.00	39.01 2.10 0.00
CHAFFEE___LFGE 323603	28.14 -2.37 -0.52	27.94 -2.38 -0.25	27.35 -2.33 -0.25	26.71 -2.28 -0.14	28.62 -2.49 0.01	28.86 -2.48 0.01	32.11 -2.87 0.02	31.72 -2.65 0.00	29.03 -2.73 0.02	25.45 -2.49 0.02	21.22 -2.02 -0.50	20.59 -2.12 -0.60	20.19 -2.11 -0.57	19.38 -1.93 -0.54	19.10 -2.01 -0.59	19.59 -2.17 -0.67	22.89 -2.47 -0.66	30.44 -3.40 3.91	35.49 -4.29 8.38	52.06 -5.06 2.43	59.15 -6.21 0.63	51.88 -4.70 0.02	42.71 -4.07 0.02	34.39 -2.51 0.00
CHATEAUG_35_KV_LOAD 355732	29.26 -0.72 0.00	29.34 -0.72 0.00	28.72 -0.71 0.00	28.19 -0.66 0.00	30.46 -0.65 0.00	30.72 -0.63 0.00	34.36 -0.63 0.00	33.68 -0.69 0.00	31.21 -0.57 0.00	27.39 -0.56 0.00	22.24 -0.50 0.00	21.65 -0.46 0.00	21.23 -0.50 0.00	20.30 -0.48 0.00	20.07 -0.45 0.00	20.65 -0.44 0.00	24.24 -0.47 0.00	37.00 -0.76 0.00	47.49 -0.67 0.00	58.78 -0.77 0.00	65.66 -0.33 0.00	56.15 -0.45 0.00	46.47 -0.33 0.00	36.68 -0.22 0.00
CHATEAUG_WT_PWR 323614	29.23 -0.75 0.00	29.31 -0.75 0.00	28.69 -0.73 0.00	28.16 -0.69 0.00	30.43 -0.68 0.00	30.68 -0.66 0.00	34.36 -0.63 0.00	33.68 -0.69 0.00	31.21 -0.57 0.00	27.42 -0.53 0.00	22.27 -0.48 0.00	21.68 -0.44 0.00	21.25 -0.48 0.00	20.32 -0.46 0.00	20.07 -0.45 0.00	20.68 -0.42 0.00	24.26 -0.44 0.00	37.00 -0.75 0.00	47.44 -0.72 0.00	58.72 -0.83 0.00	65.53 -0.46 0.00	56.09 -0.51 0.00	46.52 -0.28 0.00	36.65 -0.26 0.00
CHAT_HIGH_FALL_HYD 323578	29.26 -0.72 0.00	29.34 -0.72 0.00	28.72 -0.71 0.00	28.19 -0.66 0.00	30.46 -0.65 0.00	30.72 -0.63 0.00	34.36 -0.63 0.00	33.68 -0.69 0.00	31.21 -0.57 0.00	27.39 -0.56 0.00	22.24 -0.50 0.00	21.65 -0.46 0.00	21.23 -0.50 0.00	20.30 -0.48 0.00	20.07 -0.45 0.00	20.65 -0.44 0.00	24.24 -0.47 0.00	37.00 -0.76 0.00	47.49 -0.67 0.00	58.78 -0.77 0.00	65.66 -0.33 0.00	56.15 -0.45 0.00	46.47 -0.33 0.00	36.68 -0.22 0.00
CHAUTAUQUA___LFGE 323629	28.38 -2.13 -0.52	28.18 -2.13 -0.25	27.64 -2.03 -0.25	27.06 -1.93 -0.14	29.02 -2.08 0.01	29.30 -2.04 0.01	32.66 -2.31 0.02	32.27 -2.10 0.00	29.54 -2.23 0.02	25.84 -2.10 0.02	21.54 -1.71 -0.50	20.86 -1.86 -0.60	20.45 -1.85 -0.57	19.59 -1.72 -0.54	19.28 -1.83 -0.59	19.78 -1.98 -0.67	23.12 -2.25 -0.66	30.36 -3.02 4.37	36.12 -3.66 8.38	52.90 -4.23 2.43	60.27 -5.08 0.63	52.73 -3.85 0.02	43.50 -3.28 0.02	35.02 -1.88 0.00
CHERRYST_13_KV_LD 356241	40.16 2.43 -7.75	36.35 2.44 -3.85	35.49 2.24 -3.83	33.34 2.25 -2.23	33.36 2.24 0.00	33.79 2.44 0.00	37.58 2.59 0.00	37.15 2.78 0.00	34.48 2.70 0.00	30.55 2.60 0.00	32.44 2.23 -7.47	33.17 2.21 -8.84	32.41 2.22 -8.47	30.87 2.12 -7.98	31.30 2.05 -8.73	32.98 2.05 -9.83	36.62 2.25 -9.66	49.52 3.51 -8.26	54.70 4.58 -1.96	65.66 5.54 -0.56	71.68 5.54 -0.15	61.35 4.75 0.00	49.89 3.09 0.00	39.08 2.18 0.00

CHESTROR_138KV_BK263 355645	39.21 1.77 -7.46	35.58 1.80 -3.71	34.79 1.68 -3.69	32.65 1.64 -2.15	32.77 1.65 0.00	33.10 1.76 0.00	36.88 1.89 0.00	36.40 2.03 0.00	33.66 1.87 0.00	29.71 1.76 0.00	31.43 1.50 -7.18	32.12 1.50 -8.50	31.37 1.50 -8.14	29.94 1.50 -7.67	30.37 1.46 -8.39	32.03 1.48 -9.45	35.63 1.63 -9.29	48.29 2.60 -7.93	53.76 3.42 -2.18	64.35 4.17 -0.63	70.37 4.22 -0.16	60.11 3.51 0.00	49.24 2.43 0.00	38.60 1.70 0.00
CH_MIDHUDSON___DRP 24192	39.83 2.01 -7.84	35.97 2.01 -3.90	35.18 1.88 -3.87	32.99 1.88 -2.26	33.01 1.90 0.00	33.35 2.01 0.00	37.20 2.20 0.00	36.67 2.30 0.00	33.91 2.13 0.00	29.93 1.98 0.00	31.98 1.68 -7.55	32.71 1.66 -8.94	31.93 1.65 -8.56	30.40 1.56 -8.06	30.88 1.54 -8.83	32.62 1.58 -9.94	36.23 1.75 -9.77	48.97 2.83 -8.39	53.78 3.71 -1.91	64.69 4.59 -0.55	70.75 4.62 -0.14	60.51 3.91 0.00	49.56 2.76 0.00	38.86 1.96 0.00
CH_MISC_IPPS 23765	39.91 2.16 -7.76	36.11 2.19 -3.86	35.29 2.03 -3.83	33.11 2.02 -2.24	33.14 2.02 0.00	33.50 2.16 0.00	37.37 2.38 0.00	36.85 2.48 0.00	34.07 2.29 0.00	30.05 2.10 0.00	31.95 1.73 -7.47	32.67 1.70 -8.85	31.89 1.70 -8.47	30.38 1.62 -7.98	30.84 1.58 -8.74	32.54 1.60 -9.84	36.21 1.83 -9.67	49.04 2.98 -8.30	54.11 4.00 -1.95	65.12 5.00 -0.56	71.14 5.01 -0.14	60.85 4.25 0.00	49.75 2.95 0.00	39.05 2.14 0.00
CH_RES_BVR_FALLS 23983	29.68 -0.30 0.00	29.79 -0.27 0.00	29.16 -0.27 0.00	28.60 -0.26 0.00	30.84 -0.28 0.00	31.09 -0.25 0.00	34.71 -0.28 0.00	34.09 -0.28 0.00	31.56 -0.22 0.00	27.73 -0.22 0.00	22.56 -0.18 0.00	21.94 -0.18 0.00	21.53 -0.20 0.00	20.59 -0.19 0.00	20.34 -0.19 0.00	20.93 -0.17 0.00	24.51 -0.20 0.00	37.45 -0.30 0.00	47.83 -0.33 0.00	59.14 -0.41 0.00	65.66 -0.33 0.00	56.26 -0.34 0.00	46.57 -0.23 0.00	36.72 -0.18 0.00
CH_RES_NIAGARA 23895	27.48 -3.03 -0.53	27.37 -2.95 -0.25	26.65 -3.03 -0.25	26.08 -2.91 -0.14	28.03 -3.08 0.01	28.17 -3.17 0.01	31.25 -3.71 0.03	30.91 -3.44 0.02	28.00 -3.75 0.03	24.65 -3.27 0.03	20.57 -2.66 -0.49	19.96 -2.74 -0.58	19.65 -2.63 -0.56	18.95 -2.37 -0.54	18.65 -2.46 -0.59	19.34 -2.43 -0.67	22.08 -3.26 -0.64	29.30 -4.68 3.77	34.16 -6.84 7.16	48.91 -8.46 2.19	55.78 -9.50 0.70	49.06 -7.53 0.02	41.36 -5.43 0.02	33.49 -3.40 0.02
CH_RES_SYRACUSE 23985	30.70 0.00 -0.71	30.39 -0.03 -0.35	29.75 -0.03 -0.35	29.00 -0.06 -0.20	31.15 0.03 0.00	31.31 -0.03 0.00	34.99 0.00 0.00	34.30 -0.07 0.00	31.56 -0.22 0.00	27.72 -0.22 0.00	23.23 -0.21 -0.69	22.73 -0.20 -0.81	22.33 -0.17 -0.78	21.34 -0.17 -0.73	21.18 -0.14 -0.80	21.83 -0.17 -0.90	25.40 -0.20 -0.89	38.34 -0.26 -0.85	45.09 -0.48 2.59	58.52 -0.41 0.62	66.20 -0.39 -0.60	56.20 -0.39 0.00	46.52 -0.28 0.00	36.72 -0.18 0.00
CLINTON_WT_PWR 323605	29.23 -0.75 0.00	29.31 -0.75 0.00	28.69 -0.73 0.00	28.16 -0.69 0.00	30.43 -0.68 0.00	30.68 -0.66 0.00	34.36 -0.63 0.00	33.68 -0.69 0.00	31.21 -0.57 0.00	27.42 -0.53 0.00	22.27 -0.48 0.00	21.68 -0.44 0.00	21.25 -0.48 0.00	20.32 -0.46 0.00	20.07 -0.45 0.00	20.68 -0.42 0.00	24.26 -0.44 0.00	37.00 -0.75 0.00	47.44 -0.72 0.00	58.72 -0.83 0.00	65.53 -0.46 0.00	56.09 -0.51 0.00	46.52 -0.28 0.00	36.65 -0.26 0.00
CLINTON___LFGE 323618	29.56 -0.42 0.00	29.64 -0.42 0.00	29.01 -0.41 0.00	28.51 -0.34 0.00	30.77 -0.34 0.00	31.03 -0.31 0.00	34.78 -0.21 0.00	34.03 -0.34 0.00	31.52 -0.26 0.00	27.67 -0.28 0.00	22.47 -0.27 0.00	21.90 -0.22 0.00	21.44 -0.28 0.00	20.51 -0.27 0.00	20.28 -0.25 0.00	20.89 -0.21 0.00	24.54 -0.17 0.00	37.45 -0.30 0.00	48.07 -0.10 0.00	59.49 -0.06 0.00	66.51 0.53 0.00	56.88 0.28 0.00	47.17 0.37 0.00	37.17 0.26 0.00
COBBLENY_34_KV_TB1 80064	28.11 -2.40 -0.52	27.91 -2.40 -0.25	27.35 -2.32 -0.25	26.68 -2.31 -0.14	28.62 -2.49 0.01	28.86 -2.48 0.01	32.07 -2.90 0.02	31.72 -2.65 0.00	29.03 -2.73 0.02	25.45 -2.49 0.02	21.22 -2.02 -0.50	20.59 -2.12 -0.60	20.19 -2.11 -0.57	19.38 -1.93 -0.53	19.16 -1.95 -0.59	19.86 -1.90 -0.66	22.96 -2.40 -0.65	30.41 -3.44 3.91	35.49 -4.29 8.38	52.00 -5.12 2.43	59.15 -6.20 0.63	51.88 -4.70 0.02	42.76 -4.02 0.02	34.36 -2.55 0.00
COFFEEN___115KV_TB3 355620	29.84 -0.60 -0.45	29.72 -0.57 -0.23	29.15 -0.50 -0.22	28.47 -0.52 -0.13	30.74 -0.37 0.00	31.00 -0.34 0.00	34.75 -0.24 0.00	33.72 -0.65 0.00	30.82 -0.95 0.00	26.58 -1.37 0.00	21.95 -1.23 -0.43	21.55 -1.08 -0.51	21.15 -1.06 -0.49	20.20 -1.04 -0.46	19.92 -1.11 -0.51	20.51 -1.16 -0.57	24.11 -1.16 -0.56	36.76 -1.47 -0.48	47.54 -0.63 0.00	59.85 0.30 0.00	67.13 0.66 -0.49	57.05 0.45 0.00	47.22 0.42 0.00	36.98 0.07 0.00
COLDSPRG_115KV_BK1 355956	28.52 -1.98 -0.52	28.30 -2.01 -0.25	27.91 -1.77 -0.25	27.23 -1.76 -0.14	28.99 -2.12 0.01	29.36 -1.97 0.01	32.73 -2.24 0.02	32.37 -1.99 0.00	29.85 -1.91 0.02	26.09 -1.84 0.02	21.77 -1.48 -0.50	21.10 -1.61 -0.60	20.60 -1.69 -0.57	19.75 -1.56 -0.53	19.59 -1.52 -0.58	20.32 -1.43 -0.66	23.66 -1.70 -0.65	34.14 -2.08 1.53	36.77 -2.31 9.08	54.42 -2.50 2.63	61.74 -3.56 0.68	54.03 -2.55 0.02	43.92 -2.85 0.02	35.10 -1.81 0.00
COLONIE_LFGE___ 323577	40.25 1.38 -8.88	35.86 1.38 -4.42	35.14 1.33 -4.39	32.72 1.30 -2.56	32.45 1.34 0.00	32.72 1.38 0.00	36.53 1.54 0.00	35.88 1.51 0.00	33.05 1.27 0.00	29.10 1.15 0.00	32.23 0.93 -8.56	33.13 0.89 -10.13	32.27 0.85 -9.70	30.70 0.79 -9.13	31.32 0.80 -10.00	33.18 0.82 -11.26	36.77 0.99 -11.07	48.91 1.66 -9.50	50.38 2.22 0.00	62.35 2.80 0.00	68.63 2.64 0.00	58.98 2.38 0.00	48.67 1.87 0.00	38.34 1.44 0.00
COOPERNY_115KV_TB1 80082	38.24 1.50 -6.75	34.95 1.53 -3.36	34.20 1.44 -3.34	32.22 1.41 -1.95	32.52 1.40 0.00	32.82 1.47 0.00	36.71 1.71 0.00	36.19 1.82 0.00	33.47 1.68 0.00	29.52 1.57 0.00	30.34 1.34 -6.25	30.85 1.35 -7.38	30.14 1.35 -7.07	28.79 1.35 -6.66	29.12 1.31 -7.29	30.64 1.33 -8.21	34.26 1.48 -8.07	46.95 2.34 -6.86	53.63 2.84 -2.62	63.76 3.45 -0.75	69.68 3.50 -0.19	59.55 2.94 0.00	48.81 2.01 0.00	38.31 1.40 0.00
COPENHAGEN_WT_PWR 323753	29.79 -0.66 -0.47	29.66 -0.63 -0.23	29.07 -0.59 -0.23	28.41 -0.58 -0.13	30.65 -0.47 0.00	30.90 -0.44 0.00	34.64 -0.35 0.00	33.65 -0.72 0.00	30.79 -0.99 0.00	26.64 -1.31 0.00	22.03 -1.16 -0.45	21.61 -1.04 -0.53	21.21 -1.02 -0.51	20.26 -1.00 -0.48	20.00 -1.05 -0.52	20.59 -1.10 -0.59	24.18 -1.11 -0.58	36.78 -1.47 -0.50	47.39 -0.77 0.00	59.49 -0.06 0.00	66.76 0.27 -0.51	56.66 0.06 0.00	46.94 0.14 0.00	36.80 -0.11 0.00
CORNELL_____ 23752	32.04 0.60 -1.45	31.38 0.60 -0.72	30.73 0.59 -0.71	29.82 0.55 -0.41	31.77 0.65 0.00	31.97 0.63 0.00	35.72 0.73 0.01	34.99 0.62 0.00	32.09 0.32 0.01	28.11 0.17 0.01	24.20 0.07 -1.39	23.79 0.02 -1.64	23.32 0.02 -1.57	22.28 0.02 -1.48	22.16 0.02 -1.62	22.95 0.02 -1.83	26.63 0.12 -1.80	42.33 0.42 -4.17	42.53 0.72 6.36	59.27 1.31 1.59	67.64 1.45 -0.20	57.78 1.19 0.01	47.73 0.94 0.01	37.57 0.66 0.00

CORONA_69_KV_TB1 355595	40.51 2.76 -7.76	36.70 2.77 -3.87	35.89 2.62 -3.84	33.70 2.60 -2.25	33.75 2.61 -0.02	34.15 2.79 -0.02	38.09 3.08 -0.02	37.58 3.20 -0.02	34.85 3.05 -0.02	30.82 2.85 -0.02	32.58 2.34 -7.49	44.94 2.30 -20.52	45.42 2.30 -21.40	32.79 2.20 -9.81	35.73 2.13 -13.08	33.10 2.15 -9.85	51.41 2.40 -24.30	52.32 3.66 -10.90	55.01 4.86 -1.98	65.97 5.84 -0.58	72.22 6.07 -0.16	61.60 4.98 -0.02	50.42 3.60 -0.02	39.58 2.66 -0.02
CORTLAND_115KV_TB3 80093	31.89 0.45 -1.46	31.21 0.42 -0.73	30.59 0.44 -0.72	29.68 0.40 -0.42	31.58 0.47 0.00	31.78 0.44 0.00	35.52 0.52 0.00	34.82 0.45 0.00	32.00 0.22 0.00	28.09 0.14 0.00	24.21 0.07 -1.40	23.84 0.07 -1.65	23.37 0.07 -1.58	22.33 0.06 -1.49	22.21 0.06 -1.63	22.98 0.04 -1.84	26.61 0.10 -1.81	39.61 0.30 -1.56	45.55 0.48 3.09	59.60 0.83 0.79	67.18 0.92 -0.27	57.34 0.74 0.00	47.41 0.61 0.00	37.31 0.41 0.00
COXSACKIE___GT 23611	40.24 1.71 -8.55	36.02 1.71 -4.25	35.26 1.62 -4.22	32.88 1.56 -2.46	33.11 1.99 0.00	33.41 2.07 0.00	37.34 2.34 0.00	36.57 2.20 0.00	33.46 1.68 0.00	29.21 1.26 0.00	31.64 0.66 -8.23	32.46 0.60 -9.74	31.58 0.52 -9.33	29.98 0.42 -8.79	30.59 0.45 -9.62	32.48 0.55 -10.83	36.07 0.72 -10.65	48.48 1.59 -9.14	52.77 3.09 -1.53	64.34 4.35 -0.44	70.65 4.55 -0.11	60.34 3.73 0.00	49.75 2.95 0.00	39.08 2.18 0.00
CPV_VALLEY___CC1 323721	38.78 1.59 -7.21	35.24 1.59 -3.59	34.46 1.47 -3.56	32.41 1.47 -2.08	32.58 1.46 0.00	32.91 1.57 0.00	36.67 1.68 0.00	36.16 1.79 0.00	33.46 1.68 0.00	29.54 1.59 0.00	31.07 1.39 -6.94	31.70 1.37 -8.21	30.96 1.37 -7.86	29.59 1.39 -7.43	29.98 1.33 -8.13	31.56 1.31 -9.15	35.19 1.48 -9.00	47.70 2.30 -7.65	53.53 3.04 -2.34	63.92 3.69 -0.67	69.79 3.63 -0.17	59.71 3.11 0.00	48.81 2.01 0.00	38.38 1.48 0.00
CPV_VALLEY___CC2 323722	38.78 1.59 -7.21	35.24 1.59 -3.59	34.46 1.47 -3.56	32.41 1.47 -2.08	32.58 1.46 0.00	32.91 1.57 0.00	36.67 1.68 0.00	36.16 1.79 0.00	33.46 1.68 0.00	29.54 1.59 0.00	31.07 1.39 -6.94	31.70 1.37 -8.21	30.96 1.37 -7.86	29.59 1.39 -7.43	29.98 1.33 -8.13	31.56 1.31 -9.15	35.19 1.48 -9.00	47.70 2.30 -7.65	53.53 3.04 -2.34	63.92 3.69 -0.67	69.79 3.63 -0.17	59.71 3.11 0.00	48.81 2.01 0.00	38.38 1.48 0.00
CRESCENT___HYD 24018	40.25 1.38 -8.88	35.86 1.38 -4.42	35.14 1.33 -4.39	32.72 1.30 -2.56	32.45 1.34 0.00	32.72 1.38 0.00	36.53 1.54 0.00	35.88 1.51 0.00	33.05 1.27 0.00	29.10 1.15 0.00	32.23 0.93 -8.56	33.13 0.89 -10.13	32.27 0.85 -9.70	30.70 0.79 -9.13	31.32 0.80 -10.00	33.18 0.82 -11.26	36.77 0.99 -11.07	48.91 1.66 -9.50	50.38 2.22 0.00	62.35 2.80 0.00	68.63 2.64 0.00	58.98 2.38 0.00	48.67 1.87 0.00	38.34 1.44 0.00
CRICKET___VALLEY_CC1 323756	39.74 1.83 -7.93	35.84 1.83 -3.94	35.05 1.71 -3.91	32.84 1.70 -2.28	32.80 1.68 0.00	33.16 1.82 0.00	36.95 1.96 0.00	36.47 2.10 0.00	33.75 1.97 0.00	29.82 1.87 0.00	32.01 1.62 -7.65	32.77 1.59 -9.05	31.98 1.59 -8.67	30.50 1.56 -8.16	30.95 1.50 -8.93	32.63 1.48 -10.06	36.28 1.68 -9.89	48.88 2.64 -8.49	53.43 3.42 -1.85	64.19 4.11 -0.53	70.08 3.96 -0.14	60.05 3.45 0.00	49.14 2.34 0.00	38.60 1.70 0.00
CRICKET___VALLEY_CC2 323757	39.74 1.83 -7.93	35.84 1.83 -3.94	35.05 1.71 -3.91	32.84 1.70 -2.28	32.80 1.68 0.00	33.16 1.82 0.00	36.95 1.96 0.00	36.47 2.10 0.00	33.75 1.97 0.00	29.82 1.87 0.00	32.01 1.62 -7.65	32.77 1.59 -9.05	31.98 1.59 -8.67	30.50 1.56 -8.16	30.95 1.50 -8.93	32.63 1.48 -10.06	36.28 1.68 -9.89	48.88 2.64 -8.49	53.43 3.42 -1.85	64.19 4.11 -0.53	70.08 3.96 -0.14	60.05 3.45 0.00	49.14 2.34 0.00	38.60 1.70 0.00
CRICKET___VALLEY_CC3 323758	39.74 1.83 -7.93	35.84 1.83 -3.94	35.05 1.71 -3.91	32.84 1.70 -2.28	32.80 1.68 0.00	33.16 1.82 0.00	36.95 1.96 0.00	36.47 2.10 0.00	33.75 1.97 0.00	29.82 1.87 0.00	32.01 1.62 -7.65	32.77 1.59 -9.05	31.98 1.59 -8.67	30.50 1.56 -8.16	30.95 1.50 -8.93	32.63 1.48 -10.06	36.28 1.68 -9.89	48.88 2.64 -8.49	53.43 3.42 -1.85	64.19 4.11 -0.53	70.08 3.96 -0.14	60.05 3.45 0.00	49.14 2.34 0.00	38.60 1.70 0.00
CRUCIBLE_METL_DRP 24180	30.70 0.00 -0.71	30.39 -0.03 -0.35	29.75 -0.03 -0.35	29.00 -0.06 -0.20	31.15 0.03 0.00	31.31 -0.03 0.00	34.99 0.00 0.00	34.30 -0.07 0.00	31.55 -0.22 0.00	27.72 -0.22 0.00	23.23 -0.20 -0.69	22.73 -0.20 -0.81	22.33 -0.17 -0.78	21.34 -0.17 -0.73	21.18 -0.14 -0.80	21.81 -0.19 -0.90	25.40 -0.20 -0.89	38.34 -0.26 -0.85	45.09 -0.48 2.59	58.52 -0.42 0.62	66.13 -0.46 -0.60	56.20 -0.40 0.00	46.52 -0.28 0.00	36.72 -0.18 0.00
DAHOWA___HYDRO 323763	40.61 1.65 -8.98	36.15 1.62 -4.46	35.45 1.59 -4.44	32.97 1.53 -2.59	32.70 1.59 0.00	32.97 1.63 0.00	36.84 1.85 0.00	36.05 1.68 0.00	33.11 1.33 0.00	29.04 1.09 0.00	32.22 0.84 -8.64	33.10 0.75 -10.23	32.21 0.70 -9.79	30.62 0.62 -9.22	31.25 0.64 -10.10	33.18 0.72 -11.37	36.77 0.89 -11.17	49.08 1.74 -9.59	50.57 2.41 0.00	62.89 3.33 0.00	69.48 3.49 0.00	59.54 2.94 0.00	49.14 2.34 0.00	38.64 1.73 0.00
DANC___LFGE 323619	29.95 -0.57 -0.54	29.76 -0.57 -0.27	29.16 -0.53 -0.26	28.46 -0.55 -0.15	30.68 -0.44 0.00	30.87 -0.47 0.00	34.54 -0.46 0.00	33.68 -0.69 0.00	30.89 -0.89 0.00	26.86 -1.09 0.00	22.32 -0.93 -0.51	21.88 -0.84 -0.61	21.50 -0.80 -0.58	20.54 -0.79 -0.55	20.30 -0.82 -0.60	20.93 -0.84 -0.68	24.48 -0.89 -0.66	37.08 -1.24 -0.57	45.60 -1.01 1.55	58.51 -0.60 0.45	66.04 -0.46 -0.51	56.09 -0.51 0.00	46.52 -0.28 0.00	36.57 -0.33 0.00
DANSKAMMER___1 23586	39.91 2.16 -7.76	36.11 2.19 -3.86	35.29 2.03 -3.83	33.11 2.02 -2.24	33.14 2.02 0.00	33.50 2.16 0.00	37.37 2.38 0.00	36.85 2.48 0.00	34.07 2.29 0.00	30.05 2.10 0.00	31.95 1.73 -7.47	32.67 1.70 -8.85	31.89 1.70 -8.47	30.38 1.62 -7.98	30.84 1.58 -8.74	32.54 1.60 -9.84	36.21 1.83 -9.67	49.04 2.98 -8.30	54.11 4.00 -1.95	65.12 5.00 -0.56	71.14 5.01 -0.14	60.85 4.25 0.00	49.75 2.95 0.00	39.05 2.14 0.00
DANSKAMMER___2 23589	39.91 2.16 -7.76	36.11 2.19 -3.86	35.29 2.03 -3.83	33.11 2.02 -2.24	33.14 2.02 0.00	33.50 2.16 0.00	37.37 2.38 0.00	36.85 2.48 0.00	34.07 2.29 0.00	30.05 2.10 0.00	31.95 1.73 -7.47	32.67 1.70 -8.85	31.89 1.70 -8.47	30.38 1.62 -7.98	30.84 1.58 -8.74	32.54 1.60 -9.84	36.21 1.83 -9.67	49.04 2.98 -8.30	54.11 4.00 -1.95	65.12 5.00 -0.56	71.14 5.01 -0.14	60.85 4.25 0.00	49.75 2.95 0.00	39.05 2.14 0.00
DANSKAMMER___3 23590	39.91 2.16 -7.76	36.11 2.19 -3.86	35.29 2.03 -3.83	33.11 2.02 -2.24	33.14 2.02 0.00	33.50 2.16 0.00	37.37 2.38 0.00	36.85 2.48 0.00	34.07 2.29 0.00	30.05 2.10 0.00	31.95 1.73 -7.47	32.67 1.70 -8.85	31.89 1.70 -8.47	30.38 1.62 -7.98	30.84 1.58 -8.74	32.54 1.60 -9.84	36.21 1.83 -9.67	49.04 2.98 -8.30	54.11 4.00 -1.95	65.12 5.00 -0.56	71.14 5.01 -0.14	60.85 4.25 0.00	49.75 2.95 0.00	39.05 2.14 0.00

DANSKAMMER___4 23591	39.91 2.16 -7.76	36.11 2.19 -3.86	35.29 2.03 -3.83	33.11 2.02 -2.24	33.14 2.02 0.00	33.50 2.16 0.00	37.37 2.38 0.00	36.85 2.48 0.00	34.07 2.29 0.00	30.05 2.10 0.00	31.95 1.73 -7.47	32.67 1.70 -8.85	31.89 1.70 -8.47	30.38 1.62 -7.98	30.84 1.58 -8.74	32.54 1.60 -9.84	36.21 1.83 -9.67	49.04 2.98 -8.30	54.11 4.00 -1.95	65.12 5.00 -0.56	71.14 5.01 -0.14	60.85 4.25 0.00	49.75 2.95 0.00	39.05 2.14 0.00
DANSKAMMER___DIESEL 23592	39.90 2.16 -7.76	36.12 2.19 -3.86	35.29 2.03 -3.83	33.11 2.02 -2.24	33.14 2.02 0.00	33.51 2.16 0.00	37.37 2.38 0.00	36.84 2.47 0.00	34.03 2.26 0.00	30.05 2.10 0.00	31.95 1.73 -7.47	32.67 1.70 -8.85	31.89 1.69 -8.47	30.36 1.60 -7.98	30.84 1.58 -8.74	32.58 1.65 -9.84	36.21 1.83 -9.67	49.04 2.98 -8.30	54.11 4.00 -1.95	65.12 5.00 -0.56	71.21 5.08 -0.14	60.90 4.30 0.00	49.84 3.04 0.00	39.05 2.14 0.00
DARBY___SOLAR 323810	40.54 1.59 -8.97	36.08 1.56 -4.46	35.38 1.53 -4.43	32.91 1.47 -2.58	32.67 1.56 0.00	32.94 1.60 0.00	36.77 1.78 0.00	35.98 1.62 0.00	33.08 1.30 0.00	29.04 1.09 0.00	32.19 0.82 -8.63	33.08 0.75 -10.21	32.20 0.70 -9.78	30.61 0.62 -9.21	31.24 0.64 -10.08	33.17 0.72 -11.35	36.76 0.89 -11.16	49.03 1.70 -9.58	50.52 2.36 0.00	62.77 3.21 0.00	69.29 3.30 0.00	59.43 2.83 0.00	49.05 2.25 0.00	38.57 1.66 0.00
DASHVILLE___HYD 23610	39.52 1.65 -7.89	35.64 1.65 -3.92	34.85 1.53 -3.90	32.66 1.53 -2.27	33.05 1.93 0.00	33.38 2.04 0.00	37.20 2.20 0.00	36.64 2.27 0.00	33.84 2.07 0.00	29.85 1.90 0.00	31.65 1.34 -7.56	32.40 1.33 -8.95	31.62 1.33 -8.57	30.10 1.25 -8.07	30.59 1.23 -8.84	32.31 1.27 -9.95	35.90 1.41 -9.78	48.49 2.34 -8.40	53.66 3.61 -1.89	64.62 4.53 -0.54	70.75 4.62 -0.14	60.51 3.91 0.00	49.61 2.81 0.00	38.90 1.99 0.00
DELAWARE___LFGE 323621	34.93 1.20 -3.74	33.13 1.20 -1.86	32.48 1.21 -1.85	31.09 1.15 -1.08	32.33 1.21 0.00	32.57 1.22 0.00	37.31 2.31 -0.01	36.47 2.10 0.00	33.28 1.49 -0.01	28.83 0.87 -0.01	25.43 0.59 -2.09	25.14 0.69 -2.33	24.63 0.67 -2.24	23.59 0.71 -2.11	23.52 0.70 -2.31	24.33 0.63 -2.60	28.27 1.01 -2.55	41.82 2.08 -1.99	55.66 2.02 -5.48	63.74 2.56 -1.63	69.24 2.64 -0.61	58.87 2.26 -0.01	48.49 1.68 -0.01	38.12 1.22 0.00
DERFIELD_115KV_TB7 355931	30.13 0.15 0.00	30.21 0.15 0.00	29.57 0.15 0.00	29.00 0.14 0.00	31.27 0.16 0.00	31.50 0.16 0.00	35.17 0.17 0.00	34.54 0.17 0.00	31.91 0.13 0.00	28.06 0.11 0.00	22.84 0.09 0.00	22.21 0.09 0.00	21.81 0.09 0.00	20.86 0.08 0.00	20.58 0.06 0.00	21.16 0.06 0.00	24.78 0.07 0.00	37.90 0.15 0.00	48.40 0.24 0.00	59.85 0.30 0.00	66.25 0.26 0.00	56.83 0.23 0.00	46.99 0.19 0.00	37.02 0.11 0.00
DOGLEVILLE___HYD 23807	29.95 -0.03 0.00	30.03 -0.03 0.00	29.34 -0.09 0.00	28.68 -0.17 0.00	30.96 -0.16 0.00	31.25 -0.09 0.00	34.92 -0.07 0.00	34.33 -0.03 0.00	31.71 -0.06 0.00	27.81 -0.14 0.00	22.63 -0.11 0.00	21.99 -0.13 0.00	21.51 -0.22 0.00	20.51 -0.27 0.00	20.15 -0.37 0.00	20.65 -0.44 0.00	24.21 -0.49 0.00	37.11 -0.64 0.00	47.58 -0.58 0.00	59.08 -0.48 0.00	65.46 -0.53 0.00	56.20 -0.40 0.00	46.75 -0.05 0.00	36.94 0.04 0.00
DUNKIRK___115KV_TB_200 55889	28.38 -2.13 -0.52	28.18 -2.13 -0.25	27.64 -2.03 -0.25	27.03 -1.96 -0.14	29.02 -2.08 0.01	29.30 -2.04 0.01	32.63 -2.34 0.02	32.27 -2.10 0.00	29.51 -2.26 0.02	25.84 -2.10 0.02	21.52 -1.73 -0.50	20.88 -1.84 -0.60	20.45 -1.85 -0.57	19.59 -1.72 -0.53	19.36 -1.74 -0.59	20.07 -1.69 -0.66	23.24 -2.12 -0.65	30.21 -3.06 4.48	36.10 -3.71 8.35	52.84 -4.29 2.42	60.21 -5.15 0.63	52.68 -3.91 0.02	43.55 -3.23 0.02	34.95 -1.96 0.00
DUNKIRK___1 23563	28.38 -2.13 -0.52	28.18 -2.13 -0.25	27.64 -2.03 -0.25	27.03 -1.96 -0.14	29.02 -2.08 0.01	29.30 -2.04 0.01	32.63 -2.34 0.02	32.27 -2.10 0.00	29.51 -2.26 0.02	25.84 -2.10 0.02	21.52 -1.73 -0.50	20.88 -1.84 -0.60	20.45 -1.85 -0.57	19.59 -1.72 -0.53	19.36 -1.74 -0.59	20.07 -1.69 -0.66	23.24 -2.12 -0.65	30.21 -3.06 4.48	36.10 -3.71 8.35	52.84 -4.29 2.42	60.21 -5.15 0.63	52.68 -3.91 0.02	43.55 -3.23 0.02	34.95 -1.96 0.00
DUNKIRK___2 23564	28.38 -2.13 -0.52	28.18 -2.13 -0.25	27.64 -2.03 -0.25	27.03 -1.96 -0.14	29.02 -2.08 0.01	29.30 -2.04 0.01	32.63 -2.34 0.02	32.27 -2.10 0.00	29.51 -2.26 0.02	25.84 -2.10 0.02	21.52 -1.73 -0.50	20.88 -1.84 -0.60	20.45 -1.85 -0.57	19.59 -1.72 -0.53	19.36 -1.74 -0.59	20.07 -1.69 -0.66	23.24 -2.12 -0.65	30.21 -3.06 4.48	36.10 -3.71 8.35	52.84 -4.29 2.42	60.21 -5.15 0.63	52.68 -3.91 0.02	43.55 -3.23 0.02	34.95 -1.96 0.00
DUNKIRK___3 23565	28.32 -2.19 -0.52	28.12 -2.19 -0.25	27.58 -2.09 -0.25	26.94 -2.05 -0.14	28.93 -2.18 0.01	29.17 -2.16 0.01	32.46 -2.52 0.02	32.10 -2.27 0.00	29.35 -2.42 0.02	25.73 -2.21 0.02	21.45 -1.80 -0.50	20.81 -1.90 -0.60	20.38 -1.91 -0.57	19.54 -1.77 -0.53	19.32 -1.79 -0.59	20.03 -1.73 -0.66	23.19 -2.17 -0.65	29.66 -3.13 4.96	36.02 -3.85 8.28	52.62 -4.53 2.40	59.88 -5.48 0.63	52.39 -4.19 0.02	43.27 -3.51 0.02	34.76 -2.14 0.00
DUNKIRK___4 23566	28.32 -2.19 -0.52	28.12 -2.19 -0.25	27.58 -2.09 -0.25	26.94 -2.05 -0.14	28.93 -2.18 0.01	29.17 -2.16 0.01	32.46 -2.52 0.02	32.10 -2.27 0.00	29.35 -2.42 0.02	25.73 -2.21 0.02	21.45 -1.80 -0.50	20.81 -1.90 -0.60	20.38 -1.91 -0.57	19.54 -1.77 -0.53	19.32 -1.79 -0.59	20.03 -1.73 -0.66	23.19 -2.17 -0.65	29.66 -3.13 4.96	36.02 -3.85 8.28	52.62 -4.53 2.40	59.88 -5.48 0.63	52.39 -4.19 0.02	43.27 -3.51 0.02	34.76 -2.14 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	39.92 2.19 -7.75	36.14 2.22 -3.85	35.28 2.03 -3.83	33.14 2.05 -2.23	33.17 2.05 0.00	33.57 2.23 0.00	37.37 2.38 0.00	36.95 2.58 0.00	34.26 2.48 0.00	30.33 2.38 0.00	32.26 2.05 -7.47	32.97 2.01 -8.84	32.21 2.02 -8.47	30.69 1.93 -7.98	31.14 1.89 -8.73	32.81 1.88 -9.83	36.47 2.10 -9.66	49.29 3.28 -8.26	54.31 4.19 -1.96	65.24 5.12 -0.56	71.28 5.15 -0.15	60.96 4.36 0.00	49.70 2.90 0.00	38.97 2.07 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	39.67 2.04 -7.65	35.94 2.07 -3.80	35.12 1.91 -3.78	32.97 1.90 -2.21	33.01 1.90 0.00	33.38 2.04 0.00	37.23 2.24 0.00	36.71 2.34 0.00	33.91 2.13 0.00	29.93 1.98 0.00	31.76 1.66 -7.36	32.46 1.64 -8.71	31.69 1.63 -8.34	30.19 1.56 -7.85	30.66 1.54 -8.60	32.36 1.58 -9.68	36.00 1.78 -9.52	48.80 2.87 -8.18	53.99 3.80 -2.02	64.90 4.76 -0.58	70.95 4.82 -0.15	60.68 4.08 0.00	49.65 2.85 0.00	38.90 1.99 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	40.10 2.37 -7.75	36.29 2.37 -3.85	35.43 2.18 -3.83	33.28 2.19 -2.23	33.29 2.18 0.00	33.54 2.19 0.00	37.27 2.27 0.00	36.84 2.47 0.00	34.16 2.38 0.00	30.33 2.38 0.00	32.26 2.05 -7.47	32.97 2.01 -8.84	32.24 2.04 -8.47	30.71 1.95 -7.98	31.14 1.89 -8.73	32.76 1.84 -9.83	36.37 2.00 -9.66	49.11 3.10 -8.26	54.22 4.09 -1.96	65.06 4.94 -0.56	71.08 4.95 -0.15	60.85 4.25 0.00	49.47 2.67 0.00	38.79 1.88 0.00

E179THST_13_KV_LOAD 356214	40.19 2.46 -7.75	36.38 2.47 -3.85	35.55 2.30 -3.83	33.37 2.28 -2.23	33.39 2.27 0.00	33.66 2.32 0.00	37.41 2.41 0.00	36.95 2.58 0.00	34.26 2.48 0.00	30.41 2.46 0.00	32.35 2.14 -7.47	33.06 2.10 -8.84	32.32 2.13 -8.47	30.79 2.04 -7.98	31.22 1.97 -8.73	32.87 1.94 -9.83	36.50 2.12 -9.66	49.29 3.28 -8.26	54.46 4.33 -1.96	65.36 5.24 -0.56	71.35 5.21 -0.15	61.07 4.47 0.00	49.65 2.85 0.00	38.94 2.03 0.00
EAST HAMPTON___GT 23717	40.11 2.37 -7.76	36.36 2.43 -3.86	35.53 2.27 -3.83	33.49 2.39 -2.24	33.71 2.58 -0.01	34.11 2.76 -0.01	38.04 3.04 -0.01	38.26 3.88 -0.01	35.50 3.72 -0.01	31.59 3.63 -0.01	33.43 3.21 -7.48	39.76 3.12 -14.52	39.61 3.13 -14.76	32.60 2.99 -8.83	34.16 2.83 -10.80	33.68 2.78 -9.80	44.51 3.06 -16.74	51.94 4.64 -9.55	55.91 5.78 -1.97	67.75 7.62 -0.57	74.39 8.25 -0.15	63.74 7.13 -0.01	52.05 5.24 -0.01	41.01 4.10 -0.01
EAST RIVER___6 23660	40.10 2.37 -7.75	36.29 2.37 -3.85	35.43 2.18 -3.83	33.28 2.19 -2.23	33.29 2.18 0.00	33.72 2.38 0.00	37.54 2.55 0.00	37.12 2.75 0.00	34.45 2.67 0.00	30.52 2.57 0.00	32.44 2.23 -7.47	33.15 2.19 -8.84	32.41 2.22 -8.47	30.86 2.14 -7.94	31.24 2.03 -8.69	32.87 1.98 -9.79	36.55 2.22 -9.62	49.48 3.47 -8.26	54.70 4.58 -1.96	65.66 5.54 -0.56	71.68 5.54 -0.15	61.36 4.76 0.00	49.80 3.00 0.00	39.05 2.14 0.00
EAST RIVER___7 23524	40.10 2.37 -7.75	36.29 2.37 -3.85	35.43 2.18 -3.83	33.28 2.19 -2.23	33.29 2.18 0.00	33.72 2.38 0.00	37.54 2.55 0.00	37.12 2.75 0.00	34.45 2.67 0.00	30.52 2.57 0.00	32.44 2.23 -7.47	33.15 2.19 -8.84	32.41 2.22 -8.47	30.86 2.14 -7.94	31.24 2.03 -8.69	32.87 1.98 -9.79	36.55 2.22 -9.62	49.48 3.47 -8.26	54.70 4.58 -1.96	65.66 5.54 -0.56	71.68 5.54 -0.15	61.36 4.76 0.00	49.80 3.00 0.00	39.05 2.14 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	39.88 2.16 -7.74	36.11 2.19 -3.85	35.28 2.03 -3.82	33.11 2.02 -2.23	33.14 2.02 0.00	33.51 2.16 0.00	37.34 2.34 0.00	36.88 2.51 0.00	34.16 2.38 0.00	30.24 2.29 0.00	32.19 1.98 -7.47	32.90 1.95 -8.84	32.14 1.96 -8.46	30.62 1.87 -7.97	31.07 1.83 -8.73	32.74 1.81 -9.83	36.39 2.03 -9.66	49.17 3.17 -8.25	54.22 4.09 -1.96	65.06 4.94 -0.57	71.15 5.02 -0.15	60.85 4.25 0.00	49.65 2.85 0.00	38.94 2.03 0.00
EAST_HAMPTON___DIESEL 23722	40.05 2.31 -7.76	36.30 2.37 -3.86	35.47 2.21 -3.83	33.43 2.34 -2.24	33.64 2.52 -0.01	34.08 2.73 -0.01	37.97 2.97 -0.01	38.23 3.85 -0.01	35.47 3.68 -0.01	31.59 3.63 -0.01	33.41 3.18 -7.48	39.74 3.10 -14.52	39.59 3.11 -14.76	32.58 2.97 -8.83	34.16 2.83 -10.80	33.68 2.78 -9.80	44.51 3.06 -16.74	51.90 4.60 -9.55	55.91 5.78 -1.97	67.75 7.62 -0.57	74.39 8.25 -0.15	63.68 7.07 -0.01	52.05 5.24 -0.01	41.01 4.10 -0.01
EAST_POINT___SOLAR 323840	41.74 2.04 -9.72	36.91 2.01 -4.83	36.20 1.97 -4.80	33.51 1.85 -2.80	33.08 1.96 0.00	33.38 2.04 0.00	37.48 2.48 0.00	36.57 2.20 0.00	32.23 0.44 0.00	28.06 0.11 0.00	31.96 0.00 -9.22	32.96 -0.07 -10.91	31.96 -0.22 -10.45	30.39 -0.23 -9.84	31.15 -0.14 -10.77	33.04 -0.19 -12.13	36.83 0.20 -11.92	50.13 2.23 -10.15	53.09 3.09 -1.85	64.61 4.52 -0.53	71.01 4.88 -0.14	60.56 3.96 0.00	50.03 3.23 0.00	39.19 2.29 0.00
EAST_PULASKI___ESR 323781	30.13 -0.45 -0.60	29.91 -0.45 -0.30	29.31 -0.41 -0.30	28.60 -0.43 -0.17	30.74 -0.37 0.00	30.93 -0.41 0.00	34.54 -0.46 0.00	33.78 -0.58 0.00	31.05 -0.73 0.00	27.20 -0.75 0.00	22.68 -0.64 -0.57	22.22 -0.58 -0.68	21.81 -0.56 -0.65	20.85 -0.54 -0.61	20.64 -0.55 -0.67	21.28 -0.57 -0.75	24.81 -0.64 -0.74	37.45 -0.94 -0.64	45.36 -1.06 1.74	58.04 -1.01 0.50	65.78 -0.99 -0.78	55.69 -0.91 0.00	46.14 -0.66 0.00	36.39 -0.52 0.00
EAST_RIVER___1 323558	40.07 2.34 -7.75	36.29 2.37 -3.85	35.43 2.18 -3.83	33.28 2.19 -2.23	33.29 2.18 0.00	33.69 2.35 0.00	37.51 2.52 0.00	37.08 2.71 0.00	34.38 2.61 0.00	30.47 2.52 0.00	32.38 2.16 -7.47	33.11 2.14 -8.84	32.37 2.17 -8.47	30.79 2.08 -7.94	31.20 1.99 -8.69	32.82 1.94 -9.79	36.50 2.17 -9.62	49.41 3.40 -8.26	54.55 4.43 -1.96	65.48 5.36 -0.56	71.48 5.34 -0.15	61.18 4.58 0.00	49.70 2.90 0.00	39.01 2.10 0.00
EAST_RIVER___2 323559	40.10 2.37 -7.75	36.29 2.37 -3.85	35.43 2.18 -3.83	33.28 2.19 -2.23	33.29 2.18 0.00	33.72 2.38 0.00	37.54 2.55 0.00	37.12 2.75 0.00	34.45 2.67 0.00	30.52 2.57 0.00	32.44 2.23 -7.47	33.15 2.19 -8.84	32.41 2.22 -8.47	30.86 2.14 -7.94	31.24 2.03 -8.69	32.87 1.98 -9.79	36.55 2.22 -9.62	49.48 3.47 -8.26	54.70 4.58 -1.96	65.66 5.54 -0.56	71.68 5.54 -0.15	61.36 4.76 0.00	49.80 3.00 0.00	39.05 2.14 0.00
EAST___DELAWARE_HYD 23607	39.65 2.22 -7.45	35.99 2.22 -3.70	35.19 2.09 -3.68	33.05 2.05 -2.15	33.17 2.05 0.00	33.54 2.19 0.00	37.48 2.48 0.00	36.91 2.54 0.00	34.07 2.29 0.00	29.97 2.01 0.00	31.38 1.66 -6.98	32.01 1.64 -8.26	31.24 1.61 -7.91	29.79 1.56 -7.46	30.20 1.52 -8.16	31.83 1.54 -9.19	35.52 1.78 -9.03	48.37 2.95 -7.67	54.35 4.00 -2.19	65.31 5.12 -0.63	71.43 5.28 -0.16	61.02 4.42 0.00	49.89 3.09 0.00	39.08 2.18 0.00
EIGHT_POINT___WT_PWR 323820	29.07 -1.44 -0.52	28.81 -1.50 -0.25	28.26 -1.41 -0.24	27.60 -1.38 -0.13	29.67 -1.43 0.01	29.89 -1.44 0.01	33.47 -1.50 0.02	32.99 -1.38 0.00	30.14 -1.62 0.02	26.39 -1.54 0.02	21.91 -1.34 -0.51	21.24 -1.48 -0.60	20.78 -1.52 -0.58	19.86 -1.45 -0.54	19.55 -1.56 -0.59	19.97 -1.79 -0.67	23.47 -1.90 -0.66	58.56 -2.42 -23.23	33.20 -2.45 12.50	53.86 -2.38 3.31	62.83 -2.77 0.39	54.48 -2.09 0.03	44.81 -1.96 0.03	35.61 -1.29 0.00
ELBRIDGE_115KV_TB2 80188	30.54 -0.18 -0.74	30.25 -0.18 -0.37	29.61 -0.18 -0.36	28.87 -0.20 -0.21	30.96 -0.16 0.00	31.15 -0.19 0.00	34.78 -0.21 0.00	34.13 -0.24 0.00	31.39 -0.38 0.00	27.58 -0.36 0.00	23.14 -0.32 -0.71	22.63 -0.33 -0.84	22.23 -0.30 -0.80	21.24 -0.29 -0.76	21.06 -0.29 -0.83	21.72 -0.32 -0.93	25.28 -0.35 -0.92	38.12 -0.53 -0.90	44.52 -0.77 2.87	58.13 -0.77 0.65	65.81 -0.86 -0.68	55.86 -0.74 0.00	46.23 -0.56 0.00	36.50 -0.41 0.00
ELEC_TRO_TEK 24086	40.41 2.67 -7.76	36.57 2.65 -3.87	35.80 2.53 -3.84	33.59 2.48 -2.25	33.62 2.49 -0.02	34.05 2.70 -0.02	37.98 2.97 -0.02	37.44 3.06 -0.02	34.75 2.96 -0.02	30.70 2.74 -0.02	32.48 2.25 -7.49	43.00 2.21 -18.67	43.31 2.24 -19.35	32.41 2.12 -9.52	34.98 2.07 -12.39	33.03 2.09 -9.85	48.99 2.30 -21.98	51.75 3.51 -10.49	54.76 4.62 -1.98	65.61 5.48 -0.58	71.89 5.74 -0.16	61.26 4.64 -0.02	50.23 3.42 -0.02	39.39 2.47 -0.02
ELLENBURG_WT_PWR 323604	29.23 -0.75 0.00	29.31 -0.75 0.00	28.69 -0.73 0.00	28.16 -0.69 0.00	30.43 -0.68 0.00	30.68 -0.66 0.00	34.36 -0.63 0.00	33.68 -0.69 0.00	31.21 -0.57 0.00	27.42 -0.53 0.00	22.27 -0.48 0.00	21.68 -0.44 0.00	21.25 -0.48 0.00	20.32 -0.46 0.00	20.07 -0.45 0.00	20.68 -0.42 0.00	24.26 -0.44 0.00	37.00 -0.75 0.00	47.44 -0.72 0.00	58.72 -0.83 0.00	65.53 -0.46 0.00	56.09 -0.51 0.00	46.52 -0.28 0.00	36.65 -0.26 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	28.05 -2.46 -0.52	27.85 -2.47 -0.25	27.23 -2.44 -0.25	26.60 -2.40 -0.14	28.62 -2.49 0.01	28.83 -2.51 0.01	32.04 -2.94 0.01	31.65 -2.72 0.00	28.87 -2.89 0.01	25.34 -2.60 0.01	21.13 -2.12 -0.50	20.51 -2.21 -0.60	20.13 -2.17 -0.57	19.32 -1.99 -0.53	19.06 -2.05 -0.59	19.76 -2.00 -0.66	22.79 -2.57 -0.65	28.51 -3.85 5.39	35.56 -4.91 7.69	51.29 -5.96 2.31	58.30 -6.99 0.70	51.21 -5.38 0.02	42.62 -4.17 0.02	34.32 -2.58 0.00
EMPIRE_CC_1 323656	39.85 1.32 -8.55	35.63 1.32 -4.25	34.94 1.29 -4.22	32.59 1.27 -2.46	32.42 1.31 0.00	32.66 1.32 0.00	36.46 1.47 0.00	35.85 1.48 0.00	33.05 1.27 0.00	29.12 1.17 0.00	31.95 0.96 -8.25	32.79 0.91 -9.76	31.97 0.89 -9.35	30.43 0.85 -8.80	31.00 0.84 -9.64	32.82 0.87 -10.85	36.39 1.01 -10.67	48.53 1.62 -9.16	51.83 2.17 -1.50	62.54 2.56 -0.43	68.47 2.37 -0.11	58.75 2.15 0.00	48.53 1.73 0.00	38.27 1.37 0.00
EMPIRE_CC_2 323658	39.85 1.32 -8.55	35.63 1.32 -4.25	34.94 1.29 -4.22	32.59 1.27 -2.46	32.42 1.31 0.00	32.66 1.32 0.00	36.46 1.47 0.00	35.85 1.48 0.00	33.05 1.27 0.00	29.12 1.17 0.00	31.95 0.96 -8.25	32.79 0.91 -9.76	31.97 0.89 -9.35	30.43 0.85 -8.80	31.00 0.84 -9.64	32.82 0.87 -10.85	36.39 1.01 -10.67	48.53 1.62 -9.16	51.83 2.17 -1.50	62.54 2.56 -0.43	68.47 2.37 -0.11	58.75 2.15 0.00	48.53 1.73 0.00	38.27 1.37 0.00
ENORWICH_115KV_TB1 80156	34.14 1.53 -2.63	32.96 1.59 -1.31	32.34 1.62 -1.30	31.09 1.47 -0.76	32.83 1.71 0.00	33.07 1.72 0.00	37.23 2.24 0.00	36.33 1.96 0.00	33.12 1.33 0.00	28.65 0.70 0.00	25.62 0.41 -2.47	25.51 0.49 -2.90	24.94 0.43 -2.78	23.85 0.46 -2.62	23.78 0.39 -2.87	24.69 0.36 -3.23	28.60 0.72 -3.17	43.14 1.62 -3.77	53.65 2.46 -3.03	64.49 3.93 -1.00	71.02 4.36 -0.67	60.23 3.62 0.00	49.66 2.85 0.00	38.94 2.03 0.00
ERIE_ST__34_KV_TB1-2 80199	28.20 -2.31 -0.52	27.97 -2.34 -0.25	27.50 -2.18 -0.25	26.80 -2.19 -0.14	28.53 -2.58 0.01	28.73 -2.60 0.01	32.00 -2.97 0.02	31.62 -2.75 0.00	29.16 -2.61 0.02	25.56 -2.38 0.02	21.36 -1.89 -0.50	20.77 -1.95 -0.60	20.34 -1.96 -0.57	19.52 -1.79 -0.53	19.36 -1.74 -0.59	20.09 -1.67 -0.66	23.31 -2.05 -0.65	30.61 -2.76 4.39	36.64 -3.42 8.10	53.10 -4.05 2.41	59.88 -5.41 0.70	52.62 -3.96 0.02	42.76 -4.02 0.02	34.25 -2.66 0.00
ERIE_WT_PWR 323693	28.14 -2.37 -0.52	27.94 -2.38 -0.25	27.32 -2.36 -0.25	26.71 -2.28 -0.14	28.65 -2.46 0.01	28.89 -2.44 0.01	32.11 -2.87 0.02	31.72 -2.65 0.00	29.03 -2.73 0.02	25.45 -2.49 0.02	21.22 -2.02 -0.50	20.57 -2.15 -0.60	20.19 -2.11 -0.57	19.36 -1.95 -0.54	19.08 -2.03 -0.59	19.61 -2.15 -0.67	22.84 -2.52 -0.66	29.08 -3.55 5.12	35.70 -4.48 7.98	51.81 -5.36 2.38	58.95 -6.34 0.70	51.71 -4.87 0.02	42.71 -4.07 0.02	34.43 -2.47 0.00
ESPRGFLD_115KV_TB1 80157	32.17 1.53 -0.65	31.89 1.50 -0.33	31.25 1.50 -0.32	30.43 1.39 -0.19	32.61 1.49 0.00	32.85 1.50 0.00	37.27 2.27 0.00	36.36 1.99 0.00	32.89 1.11 0.00	28.54 0.59 0.00	23.04 0.36 0.07	22.37 0.40 0.15	21.93 0.35 0.14	21.02 0.37 0.13	20.77 0.39 0.15	21.27 0.34 0.16	25.31 0.77 0.16	39.47 1.96 0.25	53.54 2.36 -3.02	63.81 3.39 -0.87	69.84 3.63 -0.22	59.60 3.00 0.00	49.19 2.39 0.00	38.57 1.66 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	32.13 0.60 -1.55	31.40 0.57 -0.77	30.77 0.59 -0.76	29.82 0.52 -0.44	31.77 0.65 0.00	31.94 0.60 0.00	35.69 0.70 0.00	34.99 0.62 0.00	32.09 0.32 0.00	28.11 0.17 0.00	24.29 0.07 -1.48	23.91 0.04 -1.75	23.44 0.04 -1.67	22.37 0.02 -1.57	22.29 0.04 -1.72	23.06 0.02 -1.94	26.74 0.12 -1.91	41.92 0.38 -3.79	43.53 0.67 5.31	59.42 1.19 1.32	67.56 1.32 -0.25	57.67 1.08 0.01	47.68 0.89 0.01	37.53 0.63 0.00
ETNA____115KV_TB2 80207	32.13 0.60 -1.55	31.40 0.57 -0.77	30.77 0.59 -0.76	29.82 0.52 -0.44	31.77 0.65 0.00	31.94 0.60 0.00	35.69 0.70 0.00	34.99 0.62 0.00	32.09 0.32 0.00	28.11 0.17 0.00	24.29 0.07 -1.48	23.91 0.04 -1.75	23.44 0.04 -1.67	22.37 0.02 -1.57	22.29 0.04 -1.72	23.06 0.02 -1.94	26.74 0.12 -1.91	41.92 0.38 -3.79	43.53 0.67 5.31	59.42 1.19 1.32	67.56 1.32 -0.25	57.67 1.08 0.01	47.68 0.89 0.01	37.53 0.63 0.00
EUCLID____115KV_TB2 356179	30.30 -0.36 -0.68	30.04 -0.36 -0.34	29.38 -0.38 -0.34	28.68 -0.38 -0.20	30.77 -0.34 0.00	30.97 -0.38 0.00	34.57 -0.42 0.00	33.92 -0.45 0.00	31.24 -0.54 0.00	27.45 -0.50 0.00	22.99 -0.41 -0.65	22.47 -0.42 -0.77	22.07 -0.39 -0.74	21.10 -0.37 -0.69	20.91 -0.37 -0.76	21.55 -0.40 -0.86	25.08 -0.47 -0.84	37.76 -0.72 -0.72	45.10 -1.06 2.00	57.79 -1.19 0.58	64.80 -1.32 -0.13	55.47 -1.13 0.00	45.96 -0.84 0.00	36.28 -0.63 0.00
E_CANADA_CAP_HY 24051	41.95 1.77 -10.19	36.87 1.74 -5.07	36.20 1.74 -5.04	33.41 1.61 -2.94	32.83 1.71 0.00	33.10 1.75 0.00	37.20 2.21 0.00	36.29 1.92 0.00	32.61 0.82 0.00	28.40 0.45 0.00	32.49 0.25 -9.50	33.56 0.20 -11.24	32.62 0.13 -10.76	31.02 0.10 -10.14	31.77 0.14 -11.10	33.74 0.15 -12.50	37.54 0.54 -12.29	50.04 1.85 -10.44	52.86 2.55 -2.15	63.93 3.75 -0.62	70.17 4.03 -0.16	59.88 3.28 0.00	49.56 2.76 0.00	38.86 1.95 0.00
E_CANADA_MHWK_HY 24050	29.95 -0.03 0.00	30.03 -0.03 0.00	29.34 -0.09 0.00	28.68 -0.17 0.00	30.96 -0.15 0.00	31.25 -0.09 0.00	34.92 -0.07 0.00	34.33 -0.03 0.00	31.71 -0.06 0.00	27.81 -0.14 0.00	22.63 -0.11 0.00	21.99 -0.13 0.00	21.51 -0.22 0.00	20.51 -0.27 0.00	20.15 -0.37 0.00	20.65 -0.44 0.00	24.24 -0.47 0.00	37.11 -0.64 0.00	47.59 -0.58 0.00	59.07 -0.48 0.00	65.46 -0.53 0.00	56.21 -0.39 0.00	46.75 -0.05 0.00	36.94 0.04 0.00
E_FISHKILL__LBMP 23776	39.70 1.89 -7.83	35.85 1.89 -3.89	35.06 1.77 -3.87	32.87 1.76 -2.26	32.89 1.77 0.00	33.22 1.88 0.00	37.02 2.03 0.00	36.53 2.17 0.00	33.81 2.03 0.00	29.88 1.93 0.00	31.96 1.66 -7.56	32.70 1.64 -8.94	31.94 1.65 -8.56	30.42 1.58 -8.07	30.89 1.54 -8.83	32.60 1.56 -9.94	36.21 1.73 -9.78	48.86 2.72 -8.39	53.59 3.52 -1.91	64.39 4.29 -0.55	70.42 4.29 -0.14	60.22 3.62 0.00	49.28 2.48 0.00	38.68 1.77 0.00
FALCON__SEABRD_CC1 323796	29.53 -0.45 0.00	29.61 -0.45 0.00	28.99 -0.44 0.00	28.48 -0.38 0.00	30.77 -0.34 0.00	31.03 -0.31 0.00	34.75 -0.24 0.00	34.03 -0.34 0.00	31.52 -0.26 0.00	27.70 -0.25 0.00	22.47 -0.27 0.00	21.90 -0.22 0.00	21.44 -0.28 0.00	20.51 -0.27 0.00	20.28 -0.25 0.00	20.89 -0.21 0.00	24.51 -0.20 0.00	37.41 -0.34 0.00	47.97 -0.19 0.00	59.37 -0.18 0.00	66.32 0.33 0.00	56.77 0.17 0.00	47.04 0.24 0.00	37.09 0.19 0.00
FALCON__SEABRD_CC2 323797	29.53 -0.45 0.00	29.61 -0.45 0.00	28.99 -0.44 0.00	28.48 -0.38 0.00	30.77 -0.34 0.00	31.03 -0.31 0.00	34.75 -0.24 0.00	34.03 -0.34 0.00	31.52 -0.26 0.00	27.70 -0.25 0.00	22.47 -0.27 0.00	21.90 -0.22 0.00	21.44 -0.28 0.00	20.51 -0.27 0.00	20.28 -0.25 0.00	20.89 -0.21 0.00	24.51 -0.20 0.00	37.41 -0.34 0.00	47.97 -0.19 0.00	59.37 -0.18 0.00	66.32 0.33 0.00	56.77 0.17 0.00	47.04 0.24 0.00	37.09 0.19 0.00

FAR ROCKAWAY___4 23548	40.74 3.00 -7.76	36.94 3.01 -3.87	36.12 2.85 -3.84	33.93 2.83 -2.25	33.99 2.86 -0.02	34.40 3.04 -0.02	38.33 3.32 -0.02	37.82 3.44 -0.02	35.07 3.27 -0.02	31.04 3.07 -0.02	32.78 2.55 -7.49	43.62 2.48 -19.02	43.94 2.48 -19.73	32.72 2.37 -9.57	35.34 2.30 -12.52	33.27 2.32 -9.85	49.72 2.59 -22.42	52.32 4.00 -10.56	55.44 5.30 -1.98	66.51 6.37 -0.58	72.81 6.66 -0.16	62.11 5.49 -0.02	50.79 3.98 -0.02	39.87 2.95 -0.02
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	40.10 2.37 -7.75	36.29 2.37 -3.85	35.43 2.18 -3.83	33.28 2.19 -2.23	33.29 2.18 0.00	33.72 2.38 0.00	37.51 2.52 0.00	37.08 2.72 0.00	34.38 2.61 0.00	30.49 2.54 0.00	32.40 2.18 -7.47	33.11 2.15 -8.84	32.37 2.17 -8.47	30.81 2.06 -7.98	31.24 1.99 -8.73	32.91 1.98 -9.83	36.57 2.20 -9.66	49.41 3.40 -8.26	54.55 4.43 -1.96	65.48 5.36 -0.56	71.54 5.41 -0.15	61.18 4.58 0.00	49.80 3.00 0.00	39.05 2.14 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	40.10 2.37 -7.75	36.29 2.37 -3.85	35.43 2.18 -3.83	33.28 2.19 -2.23	33.29 2.18 0.00	33.72 2.38 0.00	37.51 2.52 0.00	37.08 2.72 0.00	34.38 2.61 0.00	30.49 2.54 0.00	32.40 2.18 -7.47	33.11 2.15 -8.84	32.37 2.17 -8.47	30.81 2.06 -7.98	31.24 1.99 -8.73	32.91 1.98 -9.83	36.55 2.17 -9.66	49.41 3.40 -8.26	54.55 4.43 -1.96	65.48 5.36 -0.56	71.54 5.41 -0.15	61.18 4.58 0.00	49.80 3.00 0.00	39.05 2.14 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	40.07 2.34 -7.75	36.26 2.34 -3.85	35.43 2.18 -3.83	33.28 2.19 -2.23	33.29 2.18 0.00	33.69 2.35 0.00	37.51 2.52 0.00	37.08 2.72 0.00	34.38 2.61 0.00	30.47 2.52 0.00	32.38 2.16 -7.47	33.11 2.15 -8.84	32.37 2.17 -8.47	30.81 2.06 -7.98	31.24 1.99 -8.73	32.91 1.98 -9.83	36.55 2.17 -9.66	49.41 3.40 -8.26	54.51 4.38 -1.96	65.42 5.30 -0.56	71.48 5.34 -0.15	61.18 4.58 0.00	49.80 3.00 0.00	39.01 2.10 0.00
FARRAGUT___LBMP 323566	40.07 2.34 -7.75	36.26 2.34 -3.85	35.40 2.15 -3.83	33.25 2.16 -2.23	33.26 2.15 0.00	33.69 2.35 0.00	37.48 2.48 0.00	37.05 2.68 0.00	34.35 2.57 0.00	30.47 2.52 0.00	32.38 2.16 -7.47	33.08 2.12 -8.84	32.34 2.15 -8.47	30.79 2.04 -7.98	31.22 1.97 -8.73	32.89 1.96 -9.83	36.52 2.15 -9.66	49.37 3.36 -8.26	54.51 4.38 -1.96	65.36 5.24 -0.56	71.41 5.28 -0.15	61.13 4.53 0.00	49.75 2.95 0.00	38.97 2.07 0.00
FARRCKWY_69_KV_BK2 55825	40.74 3.00 -7.76	36.94 3.01 -3.87	36.12 2.85 -3.84	33.93 2.83 -2.25	33.99 2.86 -0.02	34.40 3.04 -0.02	38.33 3.32 -0.02	37.82 3.44 -0.02	35.07 3.27 -0.02	31.04 3.07 -0.02	32.78 2.55 -7.49	43.62 2.48 -19.02	43.94 2.48 -19.73	32.72 2.37 -9.57	35.34 2.30 -12.52	33.27 2.32 -9.85	49.72 2.59 -22.42	52.32 4.00 -10.56	55.44 5.30 -1.98	66.51 6.37 -0.58	72.81 6.66 -0.16	62.11 5.49 -0.02	50.79 3.98 -0.02	39.87 2.95 -0.02
FENNER___WINDPWR 24204	31.38 0.42 -0.98	30.97 0.42 -0.49	30.32 0.41 -0.48	29.51 0.37 -0.28	31.58 0.47 0.00	31.81 0.47 0.00	35.59 0.59 0.00	34.85 0.48 0.00	32.03 0.25 0.00	28.03 0.08 0.00	23.71 0.02 -0.94	23.28 0.04 -1.11	22.83 0.04 -1.07	21.82 0.04 -1.00	21.66 0.04 -1.10	22.34 0.00 -1.24	26.00 0.07 -1.22	39.06 0.27 -1.04	46.55 0.58 2.19	60.06 1.07 0.56	67.39 1.19 -0.21	57.56 0.96 0.00	47.59 0.79 0.00	37.46 0.55 0.00
FIBERTEK___ENERGY 23856	30.70 0.00 -0.71	30.39 -0.03 -0.35	29.75 -0.03 -0.35	29.00 -0.06 -0.20	31.15 0.03 0.00	31.31 -0.03 0.00	34.99 0.00 0.00	34.30 -0.07 0.00	31.55 -0.22 0.00	27.72 -0.22 0.00	23.23 -0.20 -0.69	22.73 -0.20 -0.81	22.33 -0.17 -0.78	21.34 -0.17 -0.73	21.18 -0.14 -0.80	21.81 -0.19 -0.90	25.40 -0.20 -0.89	38.34 -0.26 -0.85	45.09 -0.48 2.59	58.52 -0.42 0.62	66.13 -0.46 -0.60	56.20 -0.40 0.00	46.52 -0.28 0.00	36.72 -0.18 0.00
FITZPATRICK___ 23598	29.72 -0.75 -0.48	29.52 -0.78 -0.24	28.90 -0.77 -0.24	28.25 -0.75 -0.14	30.34 -0.78 0.00	30.56 -0.78 0.00	34.12 -0.87 0.00	33.48 -0.89 0.00	30.86 -0.92 0.00	27.11 -0.84 0.00	22.53 -0.68 -0.46	21.98 -0.69 -0.55	21.60 -0.65 -0.53	20.65 -0.62 -0.50	20.45 -0.62 -0.54	21.08 -0.63 -0.61	24.54 -0.77 -0.60	37.06 -1.21 -0.52	46.43 -1.73 0.00	57.41 -2.14 0.00	60.35 -2.31 3.32	54.62 -1.98 0.00	45.26 -1.54 0.00	35.72 -1.18 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	39.98 2.22 -7.78	36.16 2.22 -3.87	35.36 2.09 -3.84	33.18 2.08 -2.24	33.20 2.08 0.00	33.57 2.23 0.00	37.44 2.45 0.00	36.91 2.54 0.00	34.10 2.32 0.00	30.07 2.12 0.00	32.01 1.77 -7.50	32.72 1.73 -8.87	31.94 1.72 -8.50	30.40 1.62 -8.00	30.88 1.60 -8.76	32.63 1.67 -9.87	36.26 1.85 -9.70	49.10 3.02 -8.33	54.20 4.09 -1.94	65.17 5.06 -0.56	71.34 5.21 -0.14	60.96 4.36 0.00	49.89 3.09 0.00	39.08 2.18 0.00
FORT ORANGE___ 23900	39.75 1.02 -8.75	35.43 1.02 -4.35	34.75 1.00 -4.32	32.33 0.95 -2.52	32.14 1.03 0.00	32.41 1.07 0.00	36.18 1.19 0.00	35.50 1.13 0.00	32.73 0.95 0.00	28.79 0.84 0.00	31.81 0.64 -8.43	32.69 0.60 -9.98	31.84 0.56 -9.55	30.31 0.54 -9.00	30.90 0.53 -9.85	32.76 0.57 -11.09	36.28 0.67 -10.90	48.24 1.13 -9.36	49.80 1.64 0.00	61.58 2.03 0.00	67.90 1.91 0.00	58.30 1.70 0.00	48.06 1.26 0.00	37.94 1.03 0.00
FORT_DRUM_COGEN 23780	29.70 -0.72 -0.44	29.59 -0.69 -0.22	29.03 -0.62 -0.22	28.38 -0.61 -0.13	30.62 -0.50 0.00	30.90 -0.44 0.00	34.64 -0.35 0.00	33.61 -0.76 0.00	30.76 -1.02 0.00	26.55 -1.40 0.00	21.94 -1.23 -0.42	21.51 -1.11 -0.50	21.12 -1.09 -0.48	20.17 -1.06 -0.45	19.88 -1.13 -0.49	20.45 -1.20 -0.55	24.07 -1.19 -0.55	36.67 -1.55 -0.47	47.44 -0.72 0.00	59.61 0.06 0.00	66.85 0.40 -0.46	56.83 0.23 0.00	47.08 0.28 0.00	36.87 -0.04 0.00
FOX_HILLS___ESR 323835	40.34 2.61 -7.75	36.57 2.65 -3.86	35.70 2.44 -3.83	33.58 2.48 -2.24	33.61 2.49 -0.01	33.95 2.60 -0.01	37.65 2.66 0.00	37.05 2.68 0.00	34.26 2.48 0.00	30.38 2.43 0.00	32.33 2.12 -7.47	33.04 2.08 -8.84	32.30 2.11 -8.47	30.77 2.06 -7.94	31.18 1.97 -8.69	32.78 1.90 -9.79	36.45 2.13 -9.62	49.41 3.40 -8.26	54.65 4.53 -1.96	65.66 5.54 -0.56	71.61 5.47 -0.15	61.48 4.87 -0.01	50.03 3.23 -0.01	39.28 2.36 -0.01
FPL_FAR_ROCK_GT1 24212	40.74 3.00 -7.76	36.94 3.01 -3.87	36.12 2.85 -3.84	33.93 2.83 -2.25	33.99 2.86 -0.02	34.40 3.04 -0.02	38.33 3.33 -0.02	37.82 3.44 -0.02	35.07 3.27 -0.02	31.04 3.07 -0.02	32.78 2.55 -7.49	43.62 2.48 -19.02	43.94 2.48 -19.73	32.70 2.39 -9.53	35.29 2.30 -12.48	33.18 2.28 -9.80	49.68 2.59 -22.37	52.31 4.00 -10.56	55.44 5.30 -1.98	66.51 6.38 -0.58	72.81 6.66 -0.16	62.10 5.49 -0.02	50.75 3.93 -0.02	39.87 2.95 -0.02
FPL_FAR_ROCK_GT2 23815	40.74 3.00 -7.76	36.94 3.01 -3.87	36.12 2.85 -3.84	33.93 2.83 -2.25	33.99 2.86 -0.02	34.40 3.04 -0.02	38.33 3.33 -0.02	37.82 3.44 -0.02	35.07 3.27 -0.02	31.04 3.07 -0.02	32.78 2.55 -7.49	43.62 2.48 -19.02	43.94 2.48 -19.73	32.70 2.39 -9.53	35.29 2.30 -12.48	33.18 2.28 -9.80	49.68 2.59 -22.37	52.31 4.00 -10.56	55.44 5.30 -1.98	66.51 6.38 -0.58	72.81 6.66 -0.16	62.10 5.49 -0.02	50.75 3.93 -0.02	39.87 2.95 -0.02



FRANKLIN_FALL_HYD 24054	29.47 -0.51 0.00	29.55 -0.51 0.00	28.93 -0.50 0.00	28.39 -0.46 0.00	30.68 -0.44 0.00	30.94 -0.41 0.00	34.71 -0.28 0.00	33.96 -0.41 0.00	31.43 -0.35 0.00	27.61 -0.34 0.00	22.40 -0.34 0.00	21.85 -0.27 0.00	21.40 -0.33 0.00	20.47 -0.31 0.00	20.25 -0.27 0.00	20.84 -0.25 0.00	24.49 -0.22 0.00	37.37 -0.38 0.00	47.97 -0.19 0.00	59.31 -0.24 0.00	66.52 0.53 0.00	56.71 0.11 0.00	46.99 0.19 0.00	37.02 0.11 0.00
FREEPORT_EQUS_GT1 23764	40.62 2.88 -7.76	36.81 2.89 -3.86	35.97 2.71 -3.84	33.78 2.68 -2.24	33.83 2.71 -0.01	34.24 2.88 -0.01	38.19 3.18 -0.01	37.68 3.30 -0.01	34.94 3.15 -0.01	30.89 2.93 -0.01	32.66 2.43 -7.48	40.76 2.39 -16.25	40.80 2.41 -16.67	32.18 2.31 -9.10	34.18 2.22 -11.45	33.09 2.19 -9.80	46.10 2.49 -18.90	51.50 3.81 -9.94	54.90 4.77 -1.97	65.90 5.77 -0.58	72.09 5.94 -0.16	61.71 5.10 -0.01	50.51 3.70 -0.01	39.72 2.80 -0.01
FREEPORT___CT2 23818	40.62 2.88 -7.76	36.81 2.89 -3.86	35.97 2.71 -3.84	33.78 2.68 -2.24	33.83 2.71 -0.01	34.24 2.88 -0.01	38.19 3.18 -0.01	37.68 3.30 -0.01	34.94 3.15 -0.01	30.89 2.93 -0.01	32.66 2.43 -7.48	40.76 2.39 -16.25	40.80 2.41 -16.67	32.18 2.31 -9.10	34.18 2.22 -11.45	33.09 2.19 -9.80	46.10 2.49 -18.90	51.50 3.81 -9.94	54.90 4.77 -1.97	65.90 5.77 -0.58	72.09 5.94 -0.16	61.71 5.10 -0.01	50.51 3.70 -0.01	39.72 2.80 -0.01
FRESHKLS_33_KV_LOAD 356253	40.44 2.70 -7.75	36.66 2.74 -3.86	35.79 2.53 -3.83	33.64 2.54 -2.24	33.68 2.55 -0.01	34.05 2.70 -0.01	37.72 2.73 0.00	37.12 2.75 0.00	34.26 2.48 0.00	30.38 2.43 0.00	32.33 2.12 -7.47	33.04 2.08 -8.84	32.30 2.11 -8.47	30.77 2.06 -7.94	31.16 1.95 -8.69	32.78 1.90 -9.79	36.48 2.15 -9.62	49.45 3.43 -8.26	54.75 4.62 -1.96	65.78 5.66 -0.56	71.74 5.61 -0.15	61.64 5.04 -0.01	50.13 3.32 -0.01	39.39 2.47 -0.01
FULTON COGEN____ 23766	30.05 -0.57 -0.64	29.81 -0.57 -0.32	29.18 -0.56 -0.32	28.46 -0.58 -0.18	30.56 -0.56 0.00	30.75 -0.60 0.00	34.33 -0.66 0.00	33.68 -0.69 0.00	31.02 -0.76 0.00	27.25 -0.70 0.00	22.77 -0.59 -0.61	22.27 -0.58 -0.73	21.88 -0.54 -0.69	20.91 -0.52 -0.65	20.70 -0.53 -0.72	21.36 -0.55 -0.81	24.86 -0.64 -0.79	37.45 -0.98 -0.68	44.90 -1.40 1.87	57.41 -1.61 0.54	65.15 -1.78 -0.94	55.07 -1.53 0.00	45.63 -1.17 0.00	35.98 -0.92 0.00
FULTON___LFGE 323630	41.41 1.80 -9.62	36.59 1.74 -4.79	35.92 1.74 -4.75	33.25 1.61 -2.77	32.83 1.71 0.00	33.10 1.75 0.00	37.06 2.06 0.00	36.05 1.68 0.00	32.45 0.67 0.00	28.31 0.36 0.00	32.10 0.20 -9.15	33.11 0.16 -10.83	32.16 0.07 -10.37	30.59 0.04 -9.77	31.30 0.08 -10.70	33.29 0.15 -12.04	37.01 0.47 -11.84	49.45 1.62 -10.08	52.44 2.50 -1.78	63.93 3.87 -0.51	70.28 4.16 -0.13	60.00 3.40 0.00	49.51 2.71 0.00	38.86 1.95 0.00
G.F.CEMENT___DRP 24184	40.75 1.77 -9.00	36.25 1.71 -4.48	35.55 1.68 -4.45	33.07 1.62 -2.59	32.80 1.68 0.00	33.10 1.76 0.00	36.99 1.99 0.00	36.12 1.75 0.00	33.14 1.37 0.00	29.10 1.15 0.00	32.24 0.84 -8.66	33.12 0.75 -10.25	32.23 0.70 -9.81	30.62 0.60 -9.24	31.26 0.62 -10.12	33.23 0.74 -11.39	36.82 0.91 -11.20	49.22 1.85 -9.62	50.76 2.60 0.00	63.19 3.63 0.00	69.88 3.89 0.00	59.77 3.17 0.00	49.37 2.57 0.00	38.71 1.81 0.00
GARDENVILLE___LBMP 24039	28.08 -2.43 -0.52	27.88 -2.44 -0.25	27.29 -2.38 -0.25	26.66 -2.34 -0.14	28.65 -2.46 0.01	28.86 -2.48 0.01	32.07 -2.90 0.02	31.72 -2.65 0.00	28.97 -2.80 0.02	25.39 -2.54 0.02	21.18 -2.07 -0.50	20.55 -2.17 -0.60	20.17 -2.13 -0.57	19.36 -1.95 -0.53	19.12 -1.99 -0.59	19.82 -1.94 -0.66	22.87 -2.50 -0.65	27.94 -3.66 6.15	35.58 -4.62 7.96	51.64 -5.54 2.37	58.69 -6.60 0.69	51.54 -5.04 0.02	42.71 -4.07 0.02	34.36 -2.55 0.00
GARDNVLA_35_KV_LD 355827	28.14 -2.37 -0.52	27.94 -2.37 -0.25	27.35 -2.32 -0.25	26.71 -2.28 -0.14	28.68 -2.43 0.01	28.89 -2.44 0.01	32.14 -2.83 0.02	31.76 -2.61 0.00	29.03 -2.73 0.02	25.45 -2.49 0.02	21.22 -2.02 -0.50	20.59 -2.12 -0.60	20.19 -2.11 -0.57	19.38 -1.93 -0.53	19.14 -1.97 -0.59	19.86 -1.90 -0.66	22.94 -2.42 -0.65	29.42 -3.59 4.74	35.69 -4.48 7.99	51.81 -5.36 2.38	58.89 -6.40 0.70	51.71 -4.87 0.02	42.80 -3.98 0.02	34.43 -2.47 0.00
GELCKHM___115KV_LOAD 80723	30.40 -0.24 -0.65	30.14 -0.24 -0.32	29.51 -0.24 -0.32	28.78 -0.26 -0.19	30.90 -0.22 0.00	31.09 -0.25 0.00	34.71 -0.28 0.00	34.06 -0.31 0.00	31.33 -0.44 0.00	27.56 -0.39 0.00	23.03 -0.34 -0.63	22.53 -0.33 -0.74	22.13 -0.30 -0.71	21.15 -0.29 -0.67	20.96 -0.29 -0.73	21.60 -0.32 -0.82	25.15 -0.37 -0.81	37.95 -0.57 -0.77	45.06 -0.87 2.23	58.09 -0.89 0.57	65.34 -0.99 -0.34	55.75 -0.85 0.00	46.14 -0.66 0.00	36.43 -0.48 0.00
GENERAL___MILLS 23808	28.11 -2.40 -0.52	27.91 -2.40 -0.25	27.32 -2.35 -0.25	26.69 -2.31 -0.14	28.65 -2.46 0.01	28.86 -2.48 0.01	32.11 -2.87 0.02	31.72 -2.65 0.00	29.00 -2.76 0.02	25.42 -2.52 0.02	21.20 -2.05 -0.50	20.59 -2.12 -0.60	20.19 -2.11 -0.57	19.38 -1.93 -0.53	19.14 -1.97 -0.59	19.84 -1.92 -0.66	22.92 -2.45 -0.65	29.04 -3.59 5.12	35.65 -4.53 7.98	51.76 -5.42 2.38	58.82 -6.47 0.70	51.66 -4.92 0.02	42.76 -4.02 0.02	34.39 -2.51 0.00
GE_PLASTICS___DRP 24183	39.64 0.93 -8.72	35.33 0.93 -4.34	34.65 0.91 -4.31	32.26 0.89 -2.51	32.05 0.93 0.00	32.28 0.94 0.00	36.04 1.05 0.00	35.40 1.03 0.00	32.67 0.89 0.00	28.76 0.81 0.00	31.82 0.66 -8.41	32.72 0.64 -9.96	31.89 0.63 -9.53	30.36 0.60 -8.98	30.93 0.57 -9.83	32.78 0.61 -11.07	36.28 0.69 -10.88	48.23 1.13 -9.34	49.65 1.49 0.00	61.34 1.79 0.00	67.70 1.72 0.00	58.13 1.53 0.00	47.97 1.17 0.00	37.79 0.89 0.00
GILBOA___1 23756	38.31 1.11 -7.21	34.76 1.11 -3.59	34.17 1.18 -3.56	32.09 1.16 -2.08	32.30 1.18 0.00	32.44 1.10 0.00	36.18 1.19 0.00	35.60 1.24 0.00	32.89 1.11 0.00	28.99 1.03 0.00	30.61 0.86 -7.00	31.25 0.84 -8.29	30.51 0.85 -7.94	29.09 0.83 -7.48	29.51 0.80 -8.19	31.09 0.78 -9.22	34.68 0.91 -9.06	46.93 1.47 -7.70	52.32 1.83 -2.33	62.36 2.14 -0.67	68.27 2.11 -0.17	58.53 1.93 0.00	48.20 1.40 0.00	37.98 1.07 0.00
GILBOA___2 23757	38.31 1.11 -7.21	34.76 1.11 -3.59	34.17 1.18 -3.56	32.09 1.16 -2.08	32.30 1.18 0.00	32.44 1.10 0.00	36.18 1.19 0.00	35.60 1.24 0.00	32.89 1.11 0.00	28.99 1.03 0.00	30.61 0.86 -7.00	31.25 0.84 -8.29	30.51 0.85 -7.94	29.09 0.83 -7.48	29.51 0.80 -8.19	31.09 0.78 -9.22	34.68 0.91 -9.06	46.93 1.47 -7.70	52.32 1.83 -2.33	62.36 2.14 -0.67	68.27 2.11 -0.17	58.53 1.93 0.00	48.20 1.40 0.00	37.98 1.07 0.00
GILBOA___3 23758	38.31 1.11 -7.21	34.76 1.11 -3.59	34.17 1.18 -3.56	32.09 1.16 -2.08	32.30 1.18 0.00	32.44 1.10 0.00	36.18 1.19 0.00	35.60 1.24 0.00	32.89 1.11 0.00	28.99 1.03 0.00	30.61 0.86 -7.00	31.25 0.84 -8.29	30.51 0.85 -7.94	29.09 0.83 -7.48	29.51 0.80 -8.19	31.09 0.78 -9.22	34.68 0.91 -9.06	46.93 1.47 -7.70	52.32 1.83 -2.33	62.36 2.14 -0.67	68.27 2.11 -0.17	58.53 1.93 0.00	48.20 1.40 0.00	37.98 1.07 0.00

GILBOA___4 23759	38.31 1.11 -7.21	34.76 1.11 -3.59	34.17 1.18 -3.56	32.09 1.16 -2.08	32.30 1.18 0.00	32.44 1.10 0.00	36.18 1.19 0.00	35.60 1.24 0.00	32.89 1.11 0.00	28.99 1.03 0.00	30.61 0.86 -7.00	31.25 0.84 -8.29	30.51 0.85 -7.94	29.09 0.83 -7.48	29.51 0.80 -8.19	31.09 0.78 -9.22	34.68 0.91 -9.06	46.93 1.47 -7.70	52.32 1.83 -2.33	62.36 2.14 -0.67	68.27 2.11 -0.17	58.53 1.93 0.00	48.20 1.40 0.00	37.98 1.07 0.00
GILBOA____ 23599	38.31 1.11 -7.21	34.76 1.11 -3.59	34.17 1.18 -3.56	32.09 1.15 -2.08	32.30 1.18 0.00	32.44 1.10 0.00	36.18 1.19 0.00	35.61 1.24 0.00	32.89 1.11 0.00	28.99 1.03 0.00	30.61 0.86 -7.00	31.25 0.84 -8.29	30.51 0.85 -7.94	29.07 0.81 -7.48	29.51 0.80 -8.19	31.14 0.82 -9.22	34.68 0.91 -9.06	46.93 1.47 -7.70	52.32 1.83 -2.33	62.37 2.14 -0.67	68.27 2.11 -0.17	58.53 1.92 0.00	48.25 1.45 0.00	37.98 1.07 0.00
GINNA____ 23603	28.11 -2.43 -0.56	27.84 -2.49 -0.27	27.22 -2.47 -0.27	26.56 -2.45 -0.15	28.72 -2.40 0.00	28.86 -2.48 0.00	32.25 -2.73 0.01	31.69 -2.68 0.00	28.85 -2.92 0.01	25.37 -2.57 0.01	21.14 -2.14 -0.54	20.61 -2.15 -0.64	20.27 -2.06 -0.61	19.33 -2.02 -0.57	19.18 -1.97 -0.63	19.86 -1.94 -0.71	22.96 -2.45 -0.70	34.79 -3.85 -0.89	38.32 -4.96 4.88	51.74 -5.95 1.86	58.88 -6.07 1.03	51.27 -5.32 0.01	42.95 -3.84 0.01	34.18 -2.73 0.00
GLEN PARK____ 23778	29.78 -0.66 -0.45	29.65 -0.63 -0.22	29.09 -0.56 -0.22	28.41 -0.58 -0.13	30.68 -0.44 0.00	30.93 -0.41 0.00	34.68 -0.32 0.00	33.65 -0.72 0.00	30.76 -1.02 0.00	26.55 -1.40 0.00	21.93 -1.25 -0.43	21.53 -1.11 -0.51	21.13 -1.09 -0.49	20.18 -1.06 -0.46	19.90 -1.13 -0.51	20.49 -1.18 -0.57	24.08 -1.19 -0.56	36.68 -1.55 -0.48	47.49 -0.67 0.00	59.73 0.18 0.00	67.00 0.53 -0.48	56.94 0.34 0.00	47.13 0.33 0.00	36.91 0.00 0.00
GLENDALE_27_KV_LOAD 356172	40.19 2.46 -7.75	36.38 2.47 -3.85	35.55 2.30 -3.83	33.40 2.31 -2.23	33.42 2.30 0.00	33.79 2.44 0.00	37.55 2.55 0.00	37.12 2.75 0.00	34.38 2.61 0.00	30.52 2.57 0.00	32.42 2.21 -7.47	33.15 2.19 -8.84	32.41 2.22 -8.47	30.87 2.12 -7.98	31.30 2.05 -8.73	32.95 2.03 -9.83	36.60 2.22 -9.66	49.45 3.44 -8.26	54.65 4.53 -1.96	65.60 5.48 -0.56	71.61 5.48 -0.15	61.35 4.75 0.00	49.89 3.09 0.00	39.08 2.18 0.00
GLENWOOD_IC_1_G5 23712	40.38 2.64 -7.76	36.57 2.65 -3.87	35.74 2.47 -3.84	33.56 2.45 -2.25	33.62 2.49 -0.01	34.02 2.66 -0.01	37.91 2.90 -0.01	37.44 3.06 -0.01	34.68 2.89 -0.01	30.70 2.74 -0.01	32.53 2.30 -7.48	42.29 2.28 -17.90	42.50 2.28 -18.49	32.35 2.18 -9.39	34.73 2.11 -12.10	33.07 2.13 -9.85	48.09 2.37 -21.01	51.72 3.66 -10.31	54.86 4.72 -1.98	65.85 5.72 -0.58	71.82 5.67 -0.16	61.54 4.92 -0.01	50.28 3.46 -0.01	39.47 2.55 -0.01
GLENWOOD_IC_2_G1 23688	40.16 2.43 -7.75	36.35 2.43 -3.85	35.52 2.27 -3.83	33.37 2.28 -2.23	33.39 2.27 0.00	33.79 2.45 0.00	37.65 2.66 0.00	37.15 2.78 0.00	34.45 2.67 0.00	30.49 2.54 0.00	32.35 2.14 -7.47	33.48 2.10 -9.26	32.79 2.13 -8.93	30.84 2.06 -8.00	31.34 1.97 -8.85	32.82 1.94 -9.79	37.03 2.17 -10.14	49.50 3.40 -8.35	54.51 4.38 -1.96	65.42 5.30 -0.57	71.48 5.34 -0.15	61.13 4.53 0.00	49.89 3.09 0.00	39.20 2.29 0.00
GLENWOOD_IC_3_G1 23689	40.16 2.43 -7.75	36.35 2.43 -3.85	35.52 2.27 -3.83	33.37 2.28 -2.23	33.39 2.27 0.00	33.79 2.45 0.00	37.65 2.66 0.00	37.15 2.78 0.00	34.45 2.67 0.00	30.49 2.54 0.00	32.35 2.14 -7.47	33.48 2.10 -9.26	32.79 2.13 -8.93	30.84 2.06 -8.00	31.34 1.97 -8.85	32.82 1.94 -9.79	37.03 2.17 -10.14	49.50 3.40 -8.35	54.51 4.38 -1.96	65.42 5.30 -0.57	71.48 5.34 -0.15	61.13 4.53 0.00	49.89 3.09 0.00	39.20 2.29 0.00
GLENWOOD___4 23550	40.38 2.64 -7.76	36.57 2.65 -3.87	35.74 2.47 -3.84	33.56 2.45 -2.25	33.62 2.49 -0.01	34.02 2.66 -0.01	37.91 2.90 -0.01	37.44 3.06 -0.01	34.68 2.89 -0.01	30.70 2.74 -0.01	32.53 2.30 -7.48	42.29 2.28 -17.90	42.50 2.28 -18.49	32.35 2.18 -9.39	34.73 2.11 -12.10	33.07 2.13 -9.85	48.09 2.37 -21.01	51.72 3.66 -10.31	54.86 4.72 -1.98	65.85 5.72 -0.58	71.89 5.74 -0.16	61.54 4.92 -0.01	50.28 3.46 -0.01	39.47 2.55 -0.01
GLENWOOD___5 23614	40.38 2.64 -7.76	36.57 2.65 -3.87	35.74 2.47 -3.84	33.56 2.45 -2.25	33.62 2.49 -0.01	34.02 2.66 -0.01	37.91 2.90 -0.01	37.44 3.06 -0.01	34.68 2.89 -0.01	30.70 2.74 -0.01	32.53 2.30 -7.48	42.29 2.28 -17.90	42.50 2.28 -18.49	32.35 2.18 -9.39	34.73 2.11 -12.10	33.07 2.13 -9.85	48.09 2.37 -21.01	51.72 3.66 -10.31	54.86 4.72 -1.98	65.85 5.72 -0.58	71.89 5.74 -0.16	61.54 4.92 -0.01	50.28 3.46 -0.01	39.47 2.55 -0.01
GLOBAL GREEN_PORT_GT1 23814	40.47 2.73 -7.76	36.72 2.80 -3.86	35.85 2.59 -3.83	33.81 2.71 -2.24	33.99 2.86 -0.01	34.42 3.07 -0.01	38.36 3.36 -0.01	38.40 4.02 -0.01	35.60 3.81 -0.01	31.65 3.69 -0.01	33.45 3.23 -7.48	39.78 3.14 -14.52	39.63 3.15 -14.76	32.62 3.01 -8.83	34.20 2.87 -10.80	33.72 2.83 -9.80	44.59 3.14 -16.74	52.09 4.79 -9.55	56.10 5.97 -1.97	67.93 7.80 -0.57	74.52 8.38 -0.15	63.74 7.13 -0.01	52.10 5.29 -0.01	41.01 4.10 -0.01
GLOBE___DSASP 323697	27.45 -3.06 -0.53	27.34 -2.98 -0.25	26.62 -3.06 -0.25	26.05 -2.94 -0.14	28.00 -3.11 0.01	28.11 -3.23 0.01	31.18 -3.78 0.03	30.88 -3.47 0.02	27.93 -3.81 0.03	24.62 -3.30 0.03	20.53 -2.71 -0.49	19.94 -2.76 -0.58	19.63 -2.65 -0.56	18.93 -2.39 -0.54	18.63 -2.48 -0.59	19.32 -2.45 -0.67	22.06 -3.29 -0.64	29.30 -4.68 3.77	34.07 -6.94 7.16	48.85 -8.52 2.19	55.65 -9.63 0.70	48.94 -7.64 0.02	41.26 -5.52 0.02	33.42 -3.47 0.02
GOETHSLN___LBMP 323567	39.95 2.22 -7.75	36.14 2.22 -3.85	35.31 2.06 -3.83	33.14 2.05 -2.23	33.14 2.02 0.00	33.57 2.23 0.00	37.37 2.38 0.00	36.95 2.58 0.00	34.29 2.51 0.00	30.41 2.46 0.00	32.33 2.12 -7.47	33.04 2.08 -8.84	32.30 2.11 -8.47	30.77 2.02 -7.98	31.20 1.95 -8.73	32.85 1.92 -9.83	36.50 2.12 -9.66	49.29 3.28 -8.26	54.41 4.29 -1.96	65.24 5.12 -0.56	71.28 5.15 -0.15	60.96 4.36 0.00	49.61 2.81 0.00	38.86 1.96 0.00
GOLAH___69_KV_TB 1_2 80279	29.03 -1.50 -0.54	28.82 -1.50 -0.27	28.16 -1.53 -0.26	27.51 -1.50 -0.15	29.77 -1.34 0.00	29.96 -1.38 0.00	33.37 -1.61 0.01	32.79 -1.58 0.00	29.77 -2.00 0.01	26.12 -1.82 0.01	21.72 -1.55 -0.52	21.13 -1.61 -0.62	20.78 -1.54 -0.59	19.88 -1.45 -0.56	19.61 -1.52 -0.61	20.27 -1.52 -0.69	23.46 -1.93 -0.68	35.66 -3.02 -0.93	38.99 -3.85 5.32	53.23 -4.53 1.79	60.32 -4.88 0.79	52.74 -3.85 0.01	44.26 -2.53 0.01	35.43 -1.48 0.00
GOODYEAR_LAKE_HYD 323669	34.19 1.35 -2.85	32.84 1.35 -1.42	32.19 1.35 -1.41	30.95 1.27 -0.83	32.49 1.37 0.00	32.69 1.35 0.00	37.45 2.45 -0.01	36.57 2.20 0.00	33.25 1.46 -0.01	28.77 0.81 -0.01	24.72 0.55 -1.43	24.33 0.64 -1.57	23.86 0.63 -1.50	22.86 0.66 -1.42	22.73 0.66 -1.55	23.43 0.59 -1.74	27.43 1.01 -1.71	41.21 2.15 -1.30	55.07 2.26 -4.64	63.87 2.98 -1.33	69.60 3.17 -0.44	59.27 2.66 -0.01	48.86 2.06 -0.01	38.35 1.44 0.00

GOUDEY___7 345031	33.67 0.42 -3.27	32.12 0.42 -1.63	31.46 0.41 -1.62	30.22 0.40 -0.96	31.56 0.44 -0.01	31.73 0.38 -0.01	35.46 0.45 -0.02	34.82 0.45 0.00	32.05 0.25 -0.02	28.14 0.17 -0.02	25.94 0.14 -3.06	25.86 0.13 -3.61	25.32 0.13 -3.46	24.19 0.15 -3.27	24.24 0.14 -3.57	25.27 0.15 -4.02	28.85 0.20 -3.95	40.88 0.42 -2.72	64.16 0.58 -15.42	64.93 0.83 -4.54	68.32 0.79 -1.54	57.30 0.68 -0.02	47.29 0.47 -0.02	37.24 0.33 0.00
GOUDEY___7 23579	33.67 0.42 -3.27	32.12 0.42 -1.63	31.46 0.41 -1.62	30.22 0.40 -0.96	31.56 0.44 -0.01	31.73 0.38 -0.01	35.46 0.45 -0.02	34.82 0.45 0.00	32.05 0.25 -0.02	28.14 0.17 -0.02	25.94 0.14 -3.06	25.86 0.13 -3.61	25.32 0.13 -3.46	24.19 0.15 -3.27	24.24 0.14 -3.57	25.27 0.15 -4.02	28.85 0.20 -3.95	40.88 0.42 -2.72	64.16 0.58 -15.42	64.93 0.83 -4.54	68.32 0.79 -1.54	57.30 0.68 -0.02	47.29 0.47 -0.02	37.24 0.33 0.00
GOUDEY___8 23580	33.67 0.42 -3.27	32.12 0.42 -1.63	31.46 0.41 -1.62	30.22 0.40 -0.96	31.56 0.44 -0.01	31.73 0.38 -0.01	35.46 0.45 -0.02	34.82 0.45 0.00	32.05 0.25 -0.02	28.14 0.17 -0.02	25.94 0.14 -3.06	25.86 0.13 -3.61	25.32 0.13 -3.46	24.19 0.15 -3.27	24.24 0.14 -3.57	25.27 0.15 -4.02	28.85 0.20 -3.95	40.88 0.42 -2.72	64.16 0.58 -15.42	64.93 0.83 -4.54	68.32 0.79 -1.54	57.30 0.68 -0.02	47.29 0.47 -0.02	37.24 0.33 0.00
GOWANUS_GT1_1 24077	40.29 2.55 -7.75	36.48 2.56 -3.86	35.64 2.38 -3.83	33.49 2.40 -2.24	33.52 2.40 -0.01	33.89 2.54 -0.01	37.58 2.59 0.00	37.05 2.68 0.00	34.29 2.51 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.08 2.12 -8.84	32.34 2.15 -8.47	30.81 2.06 -7.98	31.24 1.99 -8.73	32.89 1.96 -9.83	36.55 2.17 -9.66	49.41 3.40 -8.26	54.65 4.53 -1.96	65.66 5.54 -0.56	71.68 5.54 -0.15	61.42 4.81 -0.01	49.99 3.18 -0.01	39.20 2.29 -0.01
GOWANUS_GT1_2 24078	40.29 2.55 -7.75	36.48 2.56 -3.86	35.64 2.38 -3.83	33.49 2.40 -2.24	33.52 2.40 -0.01	33.89 2.54 -0.01	37.58 2.59 0.00	37.05 2.68 0.00	34.29 2.51 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.08 2.12 -8.84	32.34 2.15 -8.47	30.81 2.06 -7.98	31.24 1.99 -8.73	32.89 1.96 -9.83	36.55 2.17 -9.66	49.41 3.40 -8.26	54.65 4.53 -1.96	65.66 5.54 -0.56	71.68 5.54 -0.15	61.42 4.81 -0.01	49.99 3.18 -0.01	39.20 2.29 -0.01
GOWANUS_GT1_3 24079	40.29 2.55 -7.75	36.48 2.56 -3.86	35.64 2.38 -3.83	33.49 2.40 -2.24	33.52 2.40 -0.01	33.89 2.54 -0.01	37.58 2.59 0.00	37.05 2.68 0.00	34.29 2.51 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.08 2.12 -8.84	32.34 2.15 -8.47	30.81 2.06 -7.98	31.24 1.99 -8.73	32.89 1.96 -9.83	36.55 2.17 -9.66	49.41 3.40 -8.26	54.65 4.53 -1.96	65.66 5.54 -0.56	71.68 5.54 -0.15	61.42 4.81 -0.01	49.99 3.18 -0.01	39.20 2.29 -0.01
GOWANUS_GT1_4 24080	40.29 2.55 -7.75	36.48 2.56 -3.86	35.64 2.38 -3.83	33.49 2.40 -2.24	33.52 2.40 -0.01	33.89 2.54 -0.01	37.58 2.59 0.00	37.05 2.68 0.00	34.29 2.51 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.08 2.12 -8.84	32.34 2.15 -8.47	30.81 2.06 -7.98	31.24 1.99 -8.73	32.89 1.96 -9.83	36.55 2.17 -9.66	49.41 3.40 -8.26	54.65 4.53 -1.96	65.66 5.54 -0.56	71.68 5.54 -0.15	61.42 4.81 -0.01	49.99 3.18 -0.01	39.20 2.29 -0.01
GOWANUS_GT1_5 24084	40.29 2.55 -7.75	36.48 2.56 -3.86	35.64 2.38 -3.83	33.49 2.40 -2.24	33.52 2.40 -0.01	33.89 2.54 -0.01	37.58 2.59 0.00	37.05 2.68 0.00	34.29 2.51 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.08 2.12 -8.84	32.34 2.15 -8.47	30.81 2.06 -7.98	31.24 1.99 -8.73	32.89 1.96 -9.83	36.55 2.17 -9.66	49.41 3.40 -8.26	54.65 4.53 -1.96	65.66 5.54 -0.56	71.68 5.54 -0.15	61.42 4.81 -0.01	49.99 3.18 -0.01	39.20 2.29 -0.01
GOWANUS_GT1_6 24111	40.29 2.55 -7.75	36.48 2.56 -3.86	35.64 2.38 -3.83	33.49 2.40 -2.24	33.52 2.40 -0.01	33.89 2.54 -0.01	37.58 2.59 0.00	37.05 2.68 0.00	34.29 2.51 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.08 2.12 -8.84	32.34 2.15 -8.47	30.81 2.06 -7.98	31.24 1.99 -8.73	32.89 1.96 -9.83	36.55 2.17 -9.66	49.41 3.40 -8.26	54.65 4.53 -1.96	65.66 5.54 -0.56	71.68 5.54 -0.15	61.42 4.81 -0.01	49.99 3.18 -0.01	39.20 2.29 -0.01
GOWANUS_GT1_7 24112	40.29 2.55 -7.75	36.48 2.56 -3.86	35.64 2.38 -3.83	33.49 2.40 -2.24	33.52 2.40 -0.01	33.89 2.54 -0.01	37.58 2.59 0.00	37.05 2.68 0.00	34.29 2.51 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.08 2.12 -8.84	32.34 2.15 -8.47	30.81 2.06 -7.98	31.24 1.99 -8.73	32.89 1.96 -9.83	36.55 2.17 -9.66	49.41 3.40 -8.26	54.65 4.53 -1.96	65.66 5.54 -0.56	71.68 5.54 -0.15	61.42 4.81 -0.01	49.99 3.18 -0.01	39.20 2.29 -0.01
GOWANUS_GT1_8 24113	40.29 2.55 -7.75	36.48 2.56 -3.86	35.64 2.38 -3.83	33.49 2.40 -2.24	33.52 2.40 -0.01	33.89 2.54 -0.01	37.58 2.59 0.00	37.05 2.68 0.00	34.29 2.51 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.08 2.12 -8.84	32.34 2.15 -8.47	30.81 2.06 -7.98	31.24 1.99 -8.73	32.89 1.96 -9.83	36.55 2.17 -9.66	49.41 3.40 -8.26	54.65 4.53 -1.96	65.66 5.54 -0.56	71.68 5.54 -0.15	61.42 4.81 -0.01	49.99 3.18 -0.01	39.20 2.29 -0.01
GOWANUS_GT2_1 24114	40.28 2.55 -7.75	36.48 2.55 -3.86	35.64 2.38 -3.83	33.49 2.39 -2.24	33.49 2.36 -0.01	33.89 2.54 -0.01	37.58 2.59 0.00	37.05 2.68 0.00	34.29 2.51 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.09 2.12 -8.84	32.34 2.15 -8.47	30.79 2.08 -7.94	31.20 1.99 -8.69	32.80 1.92 -9.79	36.48 2.15 -9.62	49.41 3.40 -8.26	54.65 4.53 -1.96	65.66 5.54 -0.56	71.61 5.47 -0.15	61.42 4.81 -0.01	49.94 3.14 -0.01	39.20 2.29 -0.01
GOWANUS_GT2_2 24115	40.28 2.55 -7.75	36.48 2.55 -3.86	35.64 2.38 -3.83	33.49 2.39 -2.24	33.49 2.36 -0.01	33.89 2.54 -0.01	37.58 2.59 0.00	37.05 2.68 0.00	34.29 2.51 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.09 2.12 -8.84	32.34 2.15 -8.47	30.79 2.08 -7.94	31.20 1.99 -8.69	32.80 1.92 -9.79	36.48 2.15 -9.62	49.41 3.40 -8.26	54.65 4.53 -1.96	65.66 5.54 -0.56	71.61 5.47 -0.15	61.42 4.81 -0.01	49.94 3.14 -0.01	39.20 2.29 -0.01
GOWANUS_GT2_3 24116	40.28 2.55 -7.75	36.48 2.55 -3.86	35.64 2.38 -3.83	33.49 2.39 -2.24	33.49 2.36 -0.01	33.89 2.54 -0.01	37.58 2.59 0.00	37.05 2.68 0.00	34.29 2.51 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.09 2.12 -8.84	32.34 2.15 -8.47	30.79 2.08 -7.94	31.20 1.99 -8.69	32.80 1.92 -9.79	36.48 2.15 -9.62	49.41 3.40 -8.26	54.65 4.53 -1.96	65.66 5.54 -0.56	71.61 5.47 -0.15	61.42 4.81 -0.01	49.94 3.14 -0.01	39.20 2.29 -0.01
GOWANUS_GT2_4 24117	40.28 2.55 -7.75	36.48 2.55 -3.86	35.64 2.38 -3.83	33.49 2.39 -2.24	33.49 2.36 -0.01	33.89 2.54 -0.01	37.58 2.59 0.00	37.05 2.68 0.00	34.29 2.51 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.09 2.12 -8.84	32.34 2.15 -8.47	30.79 2.08 -7.94	31.20 1.99 -8.69	32.80 1.92 -9.79	36.48 2.15 -9.62	49.41 3.40 -8.26	54.65 4.53 -1.96	65.66 5.54 -0.56	71.61 5.47 -0.15	61.42 4.81 -0.01	49.94 3.14 -0.01	39.20 2.29 -0.01

GOWANUS_GT2_5 24118	40.28 2.55 -7.75	36.48 2.55 -3.86	35.64 2.38 -3.83	33.49 2.39 -2.24	33.49 2.36 -0.01	33.89 2.54 -0.01	37.58 2.59 0.00	37.05 2.68 0.00	34.29 2.51 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.09 2.12 -8.84	32.34 2.15 -8.47	30.79 2.08 -7.94	31.20 1.99 -8.69	32.80 1.92 -9.79	36.48 2.15 -9.62	49.41 3.40 -8.26	54.65 4.53 -1.96	65.66 5.54 -0.56	71.61 5.47 -0.15	61.42 4.81 -0.01	49.94 3.14 -0.01	39.20 2.29 -0.01
GOWANUS_GT2_6 24119	40.28 2.55 -7.75	36.48 2.55 -3.86	35.64 2.38 -3.83	33.49 2.39 -2.24	33.49 2.36 -0.01	33.89 2.54 -0.01	37.58 2.59 0.00	37.05 2.68 0.00	34.29 2.51 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.09 2.12 -8.84	32.34 2.15 -8.47	30.79 2.08 -7.94	31.20 1.99 -8.69	32.80 1.92 -9.79	36.48 2.15 -9.62	49.41 3.40 -8.26	54.65 4.53 -1.96	65.66 5.54 -0.56	71.61 5.47 -0.15	61.42 4.81 -0.01	49.94 3.14 -0.01	39.20 2.29 -0.01
GOWANUS_GT2_7 24120	40.28 2.55 -7.75	36.48 2.55 -3.86	35.64 2.38 -3.83	33.49 2.39 -2.24	33.49 2.36 -0.01	33.89 2.54 -0.01	37.58 2.59 0.00	37.05 2.68 0.00	34.29 2.51 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.09 2.12 -8.84	32.34 2.15 -8.47	30.79 2.08 -7.94	31.20 1.99 -8.69	32.80 1.92 -9.79	36.48 2.15 -9.62	49.41 3.40 -8.26	54.65 4.53 -1.96	65.66 5.54 -0.56	71.61 5.47 -0.15	61.42 4.81 -0.01	49.94 3.14 -0.01	39.20 2.29 -0.01
GOWANUS_GT2_8 24121	40.28 2.55 -7.75	36.48 2.55 -3.86	35.64 2.38 -3.83	33.49 2.39 -2.24	33.49 2.36 -0.01	33.89 2.54 -0.01	37.58 2.59 0.00	37.05 2.68 0.00	34.29 2.51 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.09 2.12 -8.84	32.34 2.15 -8.47	30.79 2.08 -7.94	31.20 1.99 -8.69	32.80 1.92 -9.79	36.48 2.15 -9.62	49.41 3.40 -8.26	54.65 4.53 -1.96	65.66 5.54 -0.56	71.61 5.47 -0.15	61.42 4.81 -0.01	49.94 3.14 -0.01	39.20 2.29 -0.01
GOWANUS_GT3_1 24122	40.28 2.55 -7.75	36.48 2.55 -3.86	35.64 2.38 -3.83	33.49 2.39 -2.24	33.49 2.36 -0.01	33.89 2.54 -0.01	37.58 2.59 0.00	37.05 2.68 0.00	34.29 2.51 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.09 2.12 -8.84	32.34 2.15 -8.47	30.79 2.08 -7.94	31.20 1.99 -8.69	32.80 1.92 -9.79	36.48 2.15 -9.62	49.41 3.40 -8.26	54.65 4.53 -1.96	65.66 5.54 -0.56	71.61 5.47 -0.15	61.42 4.81 -0.01	49.94 3.14 -0.01	39.20 2.29 -0.01
GOWANUS_GT3_2 24123	40.28 2.55 -7.75	36.48 2.55 -3.86	35.64 2.38 -3.83	33.49 2.39 -2.24	33.49 2.36 -0.01	33.89 2.54 -0.01	37.58 2.59 0.00	37.05 2.68 0.00	34.29 2.51 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.09 2.12 -8.84	32.34 2.15 -8.47	30.79 2.08 -7.94	31.20 1.99 -8.69	32.80 1.92 -9.79	36.48 2.15 -9.62	49.41 3.40 -8.26	54.65 4.53 -1.96	65.66 5.54 -0.56	71.61 5.47 -0.15	61.42 4.81 -0.01	49.94 3.14 -0.01	39.20 2.29 -0.01
GOWANUS_GT3_3 24124	40.28 2.55 -7.75	36.48 2.55 -3.86	35.64 2.38 -3.83	33.49 2.39 -2.24	33.49 2.36 -0.01	33.89 2.54 -0.01	37.58 2.59 0.00	37.05 2.68 0.00	34.29 2.51 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.09 2.12 -8.84	32.34 2.15 -8.47	30.79 2.08 -7.94	31.20 1.99 -8.69	32.80 1.92 -9.79	36.48 2.15 -9.62	49.41 3.40 -8.26	54.65 4.53 -1.96	65.66 5.54 -0.56	71.61 5.47 -0.15	61.42 4.81 -0.01	49.94 3.14 -0.01	39.20 2.29 -0.01
GOWANUS_GT3_4 24125	40.28 2.55 -7.75	36.48 2.55 -3.86	35.64 2.38 -3.83	33.49 2.39 -2.24	33.49 2.36 -0.01	33.89 2.54 -0.01	37.58 2.59 0.00	37.05 2.68 0.00	34.29 2.51 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.09 2.12 -8.84	32.34 2.15 -8.47	30.79 2.08 -7.94	31.20 1.99 -8.69	32.80 1.92 -9.79	36.48 2.15 -9.62	49.41 3.40 -8.26	54.65 4.53 -1.96	65.66 5.54 -0.56	71.61 5.47 -0.15	61.42 4.81 -0.01	49.94 3.14 -0.01	39.20 2.29 -0.01
GOWANUS_GT3_5 24126	40.28 2.55 -7.75	36.48 2.55 -3.86	35.64 2.38 -3.83	33.49 2.39 -2.24	33.49 2.36 -0.01	33.89 2.54 -0.01	37.58 2.59 0.00	37.05 2.68 0.00	34.29 2.51 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.09 2.12 -8.84	32.34 2.15 -8.47	30.79 2.08 -7.94	31.20 1.99 -8.69	32.80 1.92 -9.79	36.48 2.15 -9.62	49.41 3.40 -8.26	54.65 4.53 -1.96	65.66 5.54 -0.56	71.61 5.47 -0.15	61.42 4.81 -0.01	49.94 3.14 -0.01	39.20 2.29 -0.01
GOWANUS_GT3_6 24127	40.28 2.55 -7.75	36.48 2.55 -3.86	35.64 2.38 -3.83	33.49 2.39 -2.24	33.49 2.36 -0.01	33.89 2.54 -0.01	37.58 2.59 0.00	37.05 2.68 0.00	34.29 2.51 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.09 2.12 -8.84	32.34 2.15 -8.47	30.79 2.08 -7.94	31.20 1.99 -8.69	32.80 1.92 -9.79	36.48 2.15 -9.62	49.41 3.40 -8.26	54.65 4.53 -1.96	65.66 5.54 -0.56	71.61 5.47 -0.15	61.42 4.81 -0.01	49.94 3.14 -0.01	39.20 2.29 -0.01
GOWANUS_GT3_7 24128	40.28 2.55 -7.75	36.48 2.55 -3.86	35.64 2.38 -3.83	33.49 2.39 -2.24	33.49 2.36 -0.01	33.89 2.54 -0.01	37.58 2.59 0.00	37.05 2.68 0.00	34.29 2.51 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.09 2.12 -8.84	32.34 2.15 -8.47	30.79 2.08 -7.94	31.20 1.99 -8.69	32.80 1.92 -9.79	36.48 2.15 -9.62	49.41 3.40 -8.26	54.65 4.53 -1.96	65.66 5.54 -0.56	71.61 5.47 -0.15	61.42 4.81 -0.01	49.94 3.14 -0.01	39.20 2.29 -0.01
GOWANUS_GT3_8 24129	40.28 2.55 -7.75	36.48 2.55 -3.86	35.64 2.38 -3.83	33.49 2.39 -2.24	33.49 2.36 -0.01	33.89 2.54 -0.01	37.58 2.59 0.00	37.05 2.68 0.00	34.29 2.51 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.09 2.12 -8.84	32.34 2.15 -8.47	30.79 2.08 -7.94	31.20 1.99 -8.69	32.80 1.92 -9.79	36.48 2.15 -9.62	49.41 3.40 -8.26	54.65 4.53 -1.96	65.66 5.54 -0.56	71.61 5.47 -0.15	61.42 4.81 -0.01	49.94 3.14 -0.01	39.20 2.29 -0.01
GOWANUS_GT4_1 24130	40.29 2.55 -7.75	36.48 2.56 -3.86	35.64 2.38 -3.83	33.49 2.40 -2.24	33.52 2.40 -0.01	33.89 2.54 -0.01	37.58 2.59 0.00	37.05 2.68 0.00	34.29 2.51 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.08 2.12 -8.84	32.34 2.15 -8.47	30.81 2.06 -7.98	31.24 1.99 -8.73	32.89 1.96 -9.83	36.55 2.17 -9.66	49.41 3.40 -8.26	54.65 4.53 -1.96	65.66 5.54 -0.56	71.68 5.54 -0.15	61.42 4.81 -0.01	49.99 3.18 -0.01	39.20 2.29 -0.01
GOWANUS_GT4_2 24131	40.29 2.55 -7.75	36.48 2.56 -3.86	35.64 2.38 -3.83	33.49 2.40 -2.24	33.52 2.40 -0.01	33.89 2.54 -0.01	37.58 2.59 0.00	37.05 2.68 0.00	34.29 2.51 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.08 2.12 -8.84	32.34 2.15 -8.47	30.81 2.06 -7.98	31.24 1.99 -8.73	32.89 1.96 -9.83	36.55 2.17 -9.66	49.41 3.40 -8.26	54.65 4.53 -1.96	65.66 5.54 -0.56	71.68 5.54 -0.15	61.42 4.81 -0.01	49.99 3.18 -0.01	39.20 2.29 -0.01
GOWANUS_GT4_3 24132	40.29 2.55 -7.75	36.48 2.56 -3.86	35.64 2.38 -3.83	33.49 2.40 -2.24	33.52 2.40 -0.01	33.89 2.54 -0.01	37.58 2.59 0.00	37.05 2.68 0.00	34.29 2.51 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.08 2.12 -8.84	32.34 2.15 -8.47	30.81 2.06 -7.98	31.24 1.99 -8.73	32.89 1.96 -9.83	36.55 2.17 -9.66	49.41 3.40 -8.26	54.65 4.53 -1.96	65.66 5.54 -0.56	71.68 5.54 -0.15	61.42 4.81 -0.01	49.99 3.18 -0.01	39.20 2.29 -0.01

GOWANUS_GT4_4 24133	40.29 2.55 -7.75	36.48 2.56 -3.86	35.64 2.38 -3.83	33.49 2.40 -2.24	33.52 2.40 -0.01	33.89 2.54 -0.01	37.58 2.59 0.00	37.05 2.68 0.00	34.29 2.51 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.08 2.12 -8.84	32.34 2.15 -8.47	30.81 2.06 -7.98	31.24 1.99 -8.73	32.89 1.96 -9.83	36.55 2.17 -9.66	49.41 3.40 -8.26	54.65 4.53 -1.96	65.66 5.54 -0.56	71.68 5.54 -0.15	61.42 4.81 -0.01	49.99 3.18 -0.01	39.20 2.29 -0.01
GOWANUS_GT4_5 24134	40.29 2.55 -7.75	36.48 2.56 -3.86	35.64 2.38 -3.83	33.49 2.40 -2.24	33.52 2.40 -0.01	33.89 2.54 -0.01	37.58 2.59 0.00	37.05 2.68 0.00	34.29 2.51 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.08 2.12 -8.84	32.34 2.15 -8.47	30.81 2.06 -7.98	31.24 1.99 -8.73	32.89 1.96 -9.83	36.55 2.17 -9.66	49.41 3.40 -8.26	54.65 4.53 -1.96	65.66 5.54 -0.56	71.68 5.54 -0.15	61.42 4.81 -0.01	49.99 3.18 -0.01	39.20 2.29 -0.01
GOWANUS_GT4_6 24135	40.29 2.55 -7.75	36.48 2.56 -3.86	35.64 2.38 -3.83	33.49 2.40 -2.24	33.52 2.40 -0.01	33.89 2.54 -0.01	37.58 2.59 0.00	37.05 2.68 0.00	34.29 2.51 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.08 2.12 -8.84	32.34 2.15 -8.47	30.81 2.06 -7.98	31.24 1.99 -8.73	32.89 1.96 -9.83	36.55 2.17 -9.66	49.41 3.40 -8.26	54.65 4.53 -1.96	65.66 5.54 -0.56	71.68 5.54 -0.15	61.42 4.81 -0.01	49.99 3.18 -0.01	39.20 2.29 -0.01
GOWANUS_GT4_7 24136	40.29 2.55 -7.75	36.48 2.56 -3.86	35.64 2.38 -3.83	33.49 2.40 -2.24	33.52 2.40 -0.01	33.89 2.54 -0.01	37.58 2.59 0.00	37.05 2.68 0.00	34.29 2.51 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.08 2.12 -8.84	32.34 2.15 -8.47	30.81 2.06 -7.98	31.24 1.99 -8.73	32.89 1.96 -9.83	36.55 2.17 -9.66	49.41 3.40 -8.26	54.65 4.53 -1.96	65.66 5.54 -0.56	71.68 5.54 -0.15	61.42 4.81 -0.01	49.99 3.18 -0.01	39.20 2.29 -0.01
GOWANUS_GT4_8 24137	40.29 2.55 -7.75	36.48 2.56 -3.86	35.64 2.38 -3.83	33.49 2.40 -2.24	33.52 2.40 -0.01	33.89 2.54 -0.01	37.58 2.59 0.00	37.05 2.68 0.00	34.29 2.51 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.08 2.12 -8.84	32.34 2.15 -8.47	30.81 2.06 -7.98	31.24 1.99 -8.73	32.89 1.96 -9.83	36.55 2.17 -9.66	49.41 3.40 -8.26	54.65 4.53 -1.96	65.66 5.54 -0.56	71.68 5.54 -0.15	61.42 4.81 -0.01	49.99 3.18 -0.01	39.20 2.29 -0.01
GREENBSH_115KV_TB3 55895	39.65 0.90 -8.77	35.32 0.90 -4.36	34.64 0.88 -4.33	32.25 0.87 -2.53	32.02 0.90 0.00	32.25 0.91 0.00	36.01 1.01 0.00	35.37 1.00 0.00	32.64 0.86 0.00	28.73 0.78 0.00	31.81 0.61 -8.45	32.72 0.60 -10.00	31.89 0.59 -9.58	30.34 0.54 -9.02	30.93 0.53 -9.88	32.79 0.57 -11.12	36.31 0.67 -10.93	48.19 1.06 -9.38	49.56 1.40 0.00	61.22 1.67 0.00	67.57 1.58 0.00	57.96 1.36 0.00	47.83 1.03 0.00	37.75 0.85 0.00
GREENDGE_115KV_TB5 80291	29.88 -0.66 -0.56	29.64 -0.69 -0.26	29.01 -0.68 -0.26	28.31 -0.69 -0.14	30.45 -0.65 0.01	30.64 -0.69 0.01	34.24 -0.73 0.02	33.61 -0.76 0.00	30.68 -1.08 0.02	26.87 -1.06 0.02	22.33 -0.96 -0.54	21.77 -1.00 -0.64	21.36 -0.98 -0.61	20.39 -0.96 -0.57	20.20 -0.94 -0.63	20.86 -0.95 -0.71	24.32 -1.09 -0.70	47.28 -1.40 -10.92	34.03 -1.49 12.64	55.28 -1.85 2.43	65.31 -1.72 -1.03	55.16 -1.42 0.02	45.70 -1.08 0.02	36.24 -0.66 0.00
GREENIDGE___3 23582	29.88 -0.66 -0.56	29.64 -0.69 -0.26	29.01 -0.68 -0.26	28.31 -0.69 -0.14	30.45 -0.65 0.01	30.64 -0.69 0.01	34.24 -0.73 0.02	33.61 -0.76 0.00	30.68 -1.08 0.02	26.87 -1.06 0.02	22.33 -0.96 -0.54	21.77 -1.00 -0.64	21.36 -0.98 -0.61	20.39 -0.96 -0.57	20.20 -0.94 -0.63	20.86 -0.95 -0.71	24.32 -1.09 -0.70	47.28 -1.40 -10.92	34.03 -1.49 12.64	55.28 -1.85 2.43	65.31 -1.72 -1.03	55.16 -1.42 0.02	45.70 -1.08 0.02	36.24 -0.66 0.00
GREENIDGE___4 23583	29.88 -0.66 -0.56	29.64 -0.69 -0.26	29.04 -0.65 -0.26	28.34 -0.66 -0.14	30.45 -0.65 0.01	30.61 -0.72 0.01	34.23 -0.74 0.02	33.61 -0.76 0.00	30.68 -1.08 0.02	26.87 -1.06 0.02	22.33 -0.95 -0.54	21.77 -0.99 -0.64	21.34 -1.00 -0.62	20.40 -0.96 -0.58	20.19 -0.96 -0.63	20.71 -1.10 -0.72	24.28 -1.14 -0.71	47.24 -1.43 -10.92	34.03 -1.49 12.64	55.34 -1.79 2.43	65.31 -1.72 -1.03	55.16 -1.41 0.02	45.65 -1.12 0.02	36.24 -0.66 0.00
GREENLWN_69_KV_BK 3 55738	40.41 2.67 -7.76	36.60 2.68 -3.86	35.79 2.53 -3.84	33.61 2.51 -2.24	33.65 2.52 -0.01	34.05 2.70 -0.01	37.97 2.97 -0.01	37.47 3.09 -0.01	34.74 2.96 -0.01	30.73 2.77 -0.01	32.52 2.30 -7.48	39.03 2.28 -14.63	38.88 2.28 -14.88	31.84 2.18 -8.88	33.52 2.11 -10.89	33.09 2.15 -9.84	43.97 2.35 -16.92	50.87 3.55 -9.57	54.37 4.24 -1.97	65.13 5.00 -0.57	71.35 5.21 -0.15	60.80 4.19 -0.01	50.27 3.46 -0.01	39.46 2.55 -0.01
GREENWD_138_KV_38B11_REV_LBMP_J 345004	40.29 2.55 -7.75	36.48 2.56 -3.86	35.64 2.38 -3.83	33.49 2.40 -2.24	33.52 2.40 -0.01	33.89 2.54 -0.01	37.58 2.59 0.00	37.05 2.68 0.00	34.29 2.51 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.08 2.12 -8.84	32.34 2.15 -8.47	30.81 2.06 -7.98	31.24 1.99 -8.73	32.89 1.96 -9.83	36.55 2.17 -9.66	49.41 3.40 -8.26	54.65 4.53 -1.96	65.66 5.54 -0.56	71.68 5.54 -0.15	61.42 4.81 -0.01	49.99 3.18 -0.01	39.20 2.29 -0.01
GRISSOM___SOLAR 323813	41.22 1.71 -9.53	36.48 1.68 -4.74	35.78 1.65 -4.71	33.16 1.56 -2.75	32.76 1.65 0.00	33.03 1.69 0.00	36.92 1.92 0.00	35.88 1.51 0.00	32.38 0.60 0.00	28.26 0.31 0.00	31.99 0.16 -9.08	32.98 0.11 -10.75	32.09 0.07 -10.30	30.49 0.02 -9.70	31.22 0.08 -10.62	33.20 0.15 -11.95	36.88 0.42 -11.75	49.23 1.47 -10.01	52.18 2.31 -1.70	63.74 3.69 -0.49	70.01 3.89 -0.13	59.82 3.22 0.00	49.42 2.62 0.00	38.79 1.88 0.00
GROVEVILLE___HYD 323602	39.98 2.22 -7.78	36.16 2.22 -3.87	35.36 2.09 -3.84	33.18 2.08 -2.24	33.20 2.08 0.00	33.57 2.23 0.00	37.44 2.45 0.00	36.91 2.54 0.00	34.10 2.32 0.00	30.07 2.12 0.00	32.01 1.77 -7.50	32.72 1.73 -8.87	31.94 1.72 -8.50	30.40 1.62 -8.00	30.88 1.60 -8.76	32.63 1.67 -9.87	36.26 1.85 -9.70	49.10 3.02 -8.33	54.20 4.09 -1.94	65.17 5.06 -0.56	71.34 5.21 -0.14	60.96 4.36 0.00	49.89 3.09 0.00	39.08 2.18 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	30.70 0.00 -0.71	30.39 -0.03 -0.35	29.75 -0.03 -0.35	29.00 -0.06 -0.20	31.15 0.03 0.00	31.31 -0.03 0.00	34.99 0.00 0.00	34.30 -0.07 0.00	31.55 -0.22 0.00	27.72 -0.22 0.00	23.23 -0.20 -0.69	22.73 -0.20 -0.81	22.33 -0.17 -0.78	21.34 -0.17 -0.73	21.18 -0.14 -0.80	21.81 -0.19 -0.90	25.40 -0.20 -0.89	38.34 -0.26 -0.85	45.09 -0.48 2.59	58.52 -0.42 0.62	66.13 -0.46 -0.60	56.20 -0.40 0.00	46.52 -0.28 0.00	36.72 -0.18 0.00
HAMLTNNY_34_KV_TB 80303	30.68 -0.03 -0.73	30.36 -0.06 -0.36	29.72 -0.06 -0.36	28.98 -0.09 -0.21	31.11 0.00 0.00	31.28 -0.06 0.00	34.95 -0.03 0.00	34.27 -0.10 0.00	31.49 -0.29 0.00	27.67 -0.28 0.00	23.17 -0.27 -0.70	22.66 -0.29 -0.83	22.26 -0.26 -0.79	21.27 -0.25 -0.75	21.11 -0.23 -0.82	21.76 -0.25 -0.92	25.34 -0.27 -0.91	38.27 -0.38 -0.90	44.58 -0.58 3.01	58.29 -0.54 0.73	66.04 -0.53 -0.58	56.14 -0.45 0.00	46.52 -0.28 0.00	36.72 -0.18 0.00

HAMPSHIRE___PAPER_HYD 323593	28.91 -1.32 -0.25	28.89 -1.29 -0.12	28.34 -1.21 -0.12	27.83 -1.10 -0.07	30.03 -1.09 0.00	30.22 -1.13 0.00	33.87 -1.12 0.00	32.99 -1.38 0.00	30.38 -1.40 0.00	26.44 -1.51 0.00	21.66 -1.32 -0.24	21.20 -1.19 -0.28	20.78 -1.22 -0.27	19.85 -1.18 -0.25	19.57 -1.23 -0.28	20.21 -1.20 -0.31	23.70 -1.31 -0.31	35.94 -2.08 -0.26	46.57 -1.59 0.00	58.00 -1.55 0.00	64.94 -1.26 -0.21	55.52 -1.08 0.00	46.19 -0.61 0.00	36.28 -0.63 0.00
HARDSCRABBLE_WT_PWR 323673	29.95 -0.03 0.00	30.00 -0.06 0.00	29.31 -0.12 0.00	28.68 -0.17 0.00	30.96 -0.15 0.00	31.25 -0.09 0.00	34.92 -0.07 0.00	34.33 -0.03 0.00	31.75 -0.03 0.00	27.84 -0.11 0.00	22.65 -0.09 0.00	21.99 -0.13 0.00	21.53 -0.20 0.00	20.51 -0.27 0.00	20.17 -0.35 0.00	20.68 -0.42 0.00	24.26 -0.44 0.00	37.15 -0.61 0.00	47.59 -0.58 0.00	59.14 -0.41 0.00	65.46 -0.53 0.00	56.21 -0.39 0.00	46.71 -0.09 0.00	36.91 0.00 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	39.50 2.01 -7.50	35.84 2.04 -3.73	35.02 1.88 -3.71	32.90 1.88 -2.16	32.98 1.87 0.00	33.35 2.01 0.00	37.16 2.17 0.00	36.64 2.27 0.00	33.91 2.13 0.00	29.94 1.98 0.00	31.65 1.68 -7.23	32.33 1.66 -8.55	31.57 1.65 -8.19	30.13 1.64 -7.71	30.57 1.60 -8.44	32.25 1.65 -9.51	35.88 1.83 -9.35	48.64 2.91 -7.98	54.22 3.90 -2.15	64.94 4.76 -0.62	71.03 4.88 -0.16	60.68 4.08 0.00	49.61 2.81 0.00	38.90 1.99 0.00
HARSNRAD_115KV_TB1 81005	27.78 -2.73 -0.53	27.58 -2.74 -0.26	26.91 -2.77 -0.25	26.31 -2.68 -0.14	28.50 -2.61 0.01	28.67 -2.66 0.01	31.76 -3.22 0.01	31.38 -2.99 0.00	28.49 -3.27 0.01	25.03 -2.91 0.01	20.84 -2.41 -0.51	20.22 -2.50 -0.60	19.89 -2.41 -0.58	19.07 -2.24 -0.54	18.79 -2.32 -0.59	19.49 -2.28 -0.67	22.43 -2.94 -0.66	29.47 -4.49 3.79	35.49 -5.68 6.99	50.32 -7.09 2.15	57.15 -8.12 0.72	50.19 -6.40 0.02	42.15 -4.63 0.02	34.03 -2.88 0.00
HARZA MOOSE___RIVER 24016	29.78 -0.54 -0.34	29.72 -0.51 -0.17	29.15 -0.44 -0.17	28.64 -0.32 -0.10	30.90 -0.22 0.00	31.28 -0.06 0.00	35.06 0.07 0.00	34.16 -0.21 0.00	31.37 -0.41 0.00	27.20 -0.75 0.00	22.38 -0.68 -0.32	21.88 -0.62 -0.37	21.48 -0.61 -0.35	20.50 -0.62 -0.35	20.18 -0.72 -0.38	20.74 -0.78 -0.43	24.36 -0.77 -0.42	37.13 -0.98 -0.36	48.21 0.05 0.00	60.21 0.66 0.00	67.12 0.92 -0.21	57.34 0.74 0.00	47.46 0.66 0.00	37.24 0.33 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	30.51 -0.21 -0.74	30.19 -0.24 -0.37	29.56 -0.24 -0.37	28.84 -0.23 -0.21	30.93 -0.19 0.00	31.12 -0.22 0.00	34.75 -0.24 0.00	34.09 -0.27 0.00	31.37 -0.41 0.00	27.59 -0.36 0.00	23.13 -0.32 -0.71	22.65 -0.31 -0.84	22.25 -0.28 -0.80	21.26 -0.27 -0.76	21.08 -0.27 -0.83	21.74 -0.30 -0.93	25.28 -0.35 -0.92	38.01 -0.53 -0.79	45.31 -0.82 2.04	58.13 -0.83 0.59	65.18 -0.99 -0.18	55.81 -0.79 0.00	46.19 -0.61 0.00	36.46 -0.44 0.00
HELLGATE_13_KV_LD 55870	40.19 2.46 -7.75	36.38 2.47 -3.85	35.52 2.27 -3.83	33.37 2.28 -2.23	33.39 2.27 0.00	33.76 2.41 0.00	37.51 2.52 0.00	37.05 2.68 0.00	34.35 2.57 0.00	30.49 2.54 0.00	32.40 2.18 -7.47	33.13 2.17 -8.84	32.39 2.19 -8.47	30.85 2.10 -7.98	31.30 2.05 -8.73	32.93 2.00 -9.83	36.57 2.20 -9.66	49.41 3.40 -8.26	54.60 4.48 -1.96	65.54 5.42 -0.56	71.61 5.48 -0.15	61.30 4.70 0.00	49.84 3.04 0.00	39.05 2.14 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	40.19 2.46 -7.75	36.38 2.47 -3.85	35.52 2.27 -3.83	33.37 2.28 -2.23	33.39 2.27 0.00	33.76 2.41 0.00	37.51 2.52 0.00	37.05 2.68 0.00	34.35 2.57 0.00	30.49 2.54 0.00	32.40 2.18 -7.47	33.13 2.17 -8.84	32.39 2.19 -8.47	30.85 2.10 -7.98	31.30 2.05 -8.73	32.93 2.00 -9.83	36.57 2.20 -9.66	49.41 3.40 -8.26	54.60 4.48 -1.96	65.54 5.42 -0.56	71.61 5.48 -0.15	61.30 4.70 0.00	49.84 3.04 0.00	39.05 2.14 0.00
HEMPSTEAD____ 23647	40.50 2.76 -7.76	36.69 2.76 -3.86	35.88 2.62 -3.84	33.67 2.57 -2.24	33.71 2.58 -0.01	34.14 2.79 -0.01	38.05 3.04 -0.01	37.54 3.16 -0.01	34.81 3.02 -0.01	30.81 2.85 -0.01	32.59 2.37 -7.48	41.35 2.32 -16.91	41.47 2.35 -17.40	32.22 2.24 -9.20	34.37 2.15 -11.69	33.03 2.13 -9.80	46.86 2.42 -19.73	51.54 3.70 -10.09	54.90 4.77 -1.97	65.85 5.72 -0.58	71.95 5.81 -0.16	61.53 4.92 -0.01	50.32 3.51 -0.01	39.58 2.66 -0.01
HICKLING___1 23621	29.37 -0.96 -0.35	29.25 -0.96 -0.15	28.69 -0.88 -0.15	28.00 -0.92 -0.07	30.07 -1.03 0.02	30.23 -1.10 0.02	33.77 -1.19 0.03	33.20 -1.17 0.00	30.38 -1.37 0.03	26.63 -1.29 0.03	22.02 -1.07 -0.34	21.42 -1.11 -0.41	21.01 -1.11 -0.39	20.10 -1.04 -0.36	19.91 -1.01 -0.40	20.54 -1.01 -0.45	23.97 -1.19 -0.45	41.64 -1.51 -5.39	26.52 -1.59 20.05	52.49 -1.61 5.45	63.07 -2.05 0.87	54.92 -1.64 0.04	45.12 -1.64 0.04	35.91 -1.00 0.00
HICKLING___2 23622	29.37 -0.96 -0.35	29.25 -0.96 -0.15	28.69 -0.88 -0.15	28.00 -0.92 -0.07	30.07 -1.03 0.02	30.23 -1.10 0.02	33.77 -1.19 0.03	33.20 -1.17 0.00	30.38 -1.37 0.03	26.63 -1.29 0.03	22.02 -1.07 -0.34	21.42 -1.11 -0.41	21.01 -1.11 -0.39	20.10 -1.04 -0.36	19.91 -1.01 -0.40	20.54 -1.01 -0.45	23.97 -1.19 -0.45	41.64 -1.51 -5.39	26.52 -1.59 20.05	52.49 -1.61 5.45	63.07 -2.05 0.87	54.92 -1.64 0.04	45.12 -1.64 0.04	35.91 -1.00 0.00
HIGH FALLS___HY 23754	40.05 2.31 -7.76	36.26 2.34 -3.86	35.44 2.18 -3.83	33.26 2.16 -2.24	33.26 2.15 0.00	33.63 2.29 0.00	37.51 2.52 0.00	37.02 2.65 0.00	34.16 2.38 0.00	30.08 2.12 0.00	32.01 1.80 -7.47	32.65 1.77 -8.76	31.86 1.74 -8.39	30.36 1.68 -7.90	30.82 1.64 -8.65	32.53 1.69 -9.74	36.21 1.93 -9.58	49.15 3.17 -8.23	54.41 4.29 -1.96	65.54 5.42 -0.57	71.74 5.61 -0.15	61.24 4.64 0.00	50.12 3.32 0.00	39.19 2.29 0.00
HIGH_RIVER___SOLAR 323847	40.61 1.35 -9.28	36.00 1.32 -4.61	35.30 1.29 -4.58	32.77 1.24 -2.67	32.42 1.31 0.00	32.66 1.32 0.00	36.53 1.54 0.00	35.78 1.41 0.00	32.45 0.67 0.00	28.42 0.47 0.00	31.89 0.29 -8.85	32.84 0.24 -10.48	31.97 0.22 -10.03	30.43 0.21 -9.45	31.07 0.21 -10.34	33.00 0.25 -11.65	36.87 0.72 -11.45	49.05 1.47 -9.83	51.70 2.02 -1.51	62.79 2.80 -0.44	69.00 2.90 -0.11	59.03 2.43 0.00	48.77 1.97 0.00	38.31 1.40 0.00
HILLBURN___GT 23639	39.51 2.04 -7.49	35.83 2.05 -3.72	35.01 1.88 -3.70	32.89 1.87 -2.16	32.98 1.87 0.00	33.35 2.01 0.00	37.16 2.17 0.00	36.67 2.30 0.00	33.97 2.19 0.00	30.02 2.07 0.00	31.80 1.78 -7.28	32.48 1.75 -8.62	31.73 1.76 -8.25	30.37 1.79 -7.80	30.79 1.72 -8.54	32.42 1.71 -9.62	36.11 1.95 -9.45	48.82 3.02 -8.05	54.23 3.95 -2.12	64.98 4.82 -0.61	71.03 4.88 -0.16	60.68 4.08 0.00	49.56 2.76 0.00	38.90 1.99 0.00
HILLSIDE_115KV_TB1 80332	28.95 -1.26 -0.22	28.86 -1.29 -0.09	28.31 -1.21 -0.09	27.68 -1.21 -0.03	29.69 -1.40 0.02	29.85 -1.47 0.02	33.31 -1.64 0.04	32.82 -1.55 0.00	30.09 -1.65 0.04	26.40 -1.51 0.04	21.74 -1.23 -0.23	21.13 -1.26 -0.27	20.73 -1.26 -0.26	19.85 -1.16 -0.23	19.63 -1.15 -0.26	20.26 -1.14 -0.30	23.67 -1.33 -0.30	40.65 -1.77 -4.67	22.40 -1.97 23.79	50.80 -2.20 6.55	62.05 -2.77 1.17	54.29 -2.26 0.05	44.51 -2.25 0.05	35.43 -1.48 0.00

HISHELDN_WT_PWR 323625	28.22 -2.28 -0.52	28.02 -2.29 -0.25	27.43 -2.24 -0.24	26.86 -2.14 -0.13	28.87 -2.24 0.01	29.05 -2.29 0.01	32.35 -2.62 0.02	31.93 -2.44 0.00	29.12 -2.64 0.02	25.53 -2.40 0.02	21.24 -2.00 -0.50	20.59 -2.12 -0.59	20.19 -2.11 -0.57	19.33 -1.97 -0.53	19.03 -2.07 -0.58	19.56 -2.19 -0.66	22.79 -2.57 -0.65	18.10 -3.66 15.99	34.55 -4.43 9.18	51.77 -5.12 2.66	59.42 -5.87 0.69	52.00 -4.58 0.02	43.03 -3.75 0.02	34.62 -2.29 0.00
HOLTSVILLE_IC_1 23690	40.74 3.00 -7.76	36.93 3.01 -3.86	36.09 2.83 -3.83	33.93 2.83 -2.24	34.02 2.89 -0.01	34.42 3.07 -0.01	38.36 3.36 -0.01	37.89 3.51 -0.01	35.09 3.30 -0.01	31.06 3.10 -0.01	32.84 2.61 -7.48	39.20 2.56 -14.52	39.06 2.58 -14.75	32.10 2.49 -8.83	33.70 2.38 -10.80	33.28 2.38 -9.80	44.06 2.62 -16.73	51.34 4.04 -9.54	54.99 4.86 -1.97	66.08 5.95 -0.57	72.34 6.20 -0.15	61.76 5.15 -0.01	50.74 3.93 -0.01	39.94 3.03 -0.01
HOLTSVILLE_IC_10 23699	40.89 3.15 -7.76	37.11 3.19 -3.86	36.23 2.97 -3.84	34.07 2.97 -2.24	34.21 3.08 -0.01	34.61 3.26 -0.01	38.53 3.53 -0.01	38.09 3.71 -0.01	35.25 3.46 -0.01	31.20 3.24 -0.01	32.97 2.75 -7.48	39.37 2.70 -14.55	39.23 2.72 -14.78	32.21 2.60 -8.83	33.84 2.50 -10.81	33.40 2.51 -9.80	44.25 2.77 -16.77	51.60 4.30 -9.55	55.38 5.25 -1.97	66.62 6.49 -0.57	72.88 6.73 -0.15	62.21 5.60 -0.01	51.07 4.26 -0.01	40.16 3.25 -0.01
HOLTSVILLE_IC_2 23691	40.74 3.00 -7.76	36.93 3.01 -3.86	36.09 2.83 -3.83	33.93 2.83 -2.24	34.02 2.89 -0.01	34.42 3.07 -0.01	38.36 3.36 -0.01	37.89 3.51 -0.01	35.09 3.30 -0.01	31.06 3.10 -0.01	32.84 2.61 -7.48	39.20 2.56 -14.52	39.06 2.58 -14.75	32.10 2.49 -8.83	33.70 2.38 -10.80	33.28 2.38 -9.80	44.06 2.62 -16.73	51.34 4.04 -9.54	54.99 4.86 -1.97	66.08 5.95 -0.57	72.34 6.20 -0.15	61.76 5.15 -0.01	50.74 3.93 -0.01	39.94 3.03 -0.01
HOLTSVILLE_IC_3 23692	40.74 3.00 -7.76	36.93 3.01 -3.86	36.09 2.83 -3.83	33.93 2.83 -2.24	34.02 2.89 -0.01	34.42 3.07 -0.01	38.36 3.36 -0.01	37.89 3.51 -0.01	35.09 3.30 -0.01	31.06 3.10 -0.01	32.84 2.61 -7.48	39.20 2.56 -14.52	39.06 2.58 -14.75	32.10 2.49 -8.83	33.70 2.38 -10.80	33.28 2.38 -9.80	44.06 2.62 -16.73	51.34 4.04 -9.54	54.99 4.86 -1.97	66.08 5.95 -0.57	72.34 6.20 -0.15	61.76 5.15 -0.01	50.74 3.93 -0.01	39.94 3.03 -0.01
HOLTSVILLE_IC_4 23693	40.74 3.00 -7.76	36.93 3.01 -3.86	36.09 2.83 -3.83	33.93 2.83 -2.24	34.02 2.89 -0.01	34.42 3.07 -0.01	38.36 3.36 -0.01	37.89 3.51 -0.01	35.09 3.30 -0.01	31.06 3.10 -0.01	32.84 2.61 -7.48	39.20 2.56 -14.52	39.06 2.58 -14.75	32.10 2.49 -8.83	33.70 2.38 -10.80	33.28 2.38 -9.80	44.06 2.62 -16.73	51.34 4.04 -9.54	54.99 4.86 -1.97	66.08 5.95 -0.57	72.34 6.20 -0.15	61.76 5.15 -0.01	50.74 3.93 -0.01	39.94 3.03 -0.01
HOLTSVILLE_IC_5 23694	40.74 3.00 -7.76	36.93 3.01 -3.86	36.09 2.83 -3.83	33.93 2.83 -2.24	34.02 2.89 -0.01	34.42 3.07 -0.01	38.36 3.36 -0.01	37.89 3.51 -0.01	35.09 3.30 -0.01	31.06 3.10 -0.01	32.84 2.61 -7.48	39.20 2.56 -14.52	39.06 2.58 -14.75	32.10 2.49 -8.83	33.70 2.38 -10.80	33.28 2.38 -9.80	44.06 2.62 -16.73	51.34 4.04 -9.54	54.99 4.86 -1.97	66.08 5.95 -0.57	72.34 6.20 -0.15	61.76 5.15 -0.01	50.74 3.93 -0.01	39.94 3.03 -0.01
HOLTSVILLE_IC_6 23695	40.89 3.15 -7.76	37.11 3.19 -3.86	36.23 2.97 -3.84	34.07 2.97 -2.24	34.21 3.08 -0.01	34.61 3.26 -0.01	38.53 3.53 -0.01	38.09 3.71 -0.01	35.25 3.46 -0.01	31.20 3.24 -0.01	32.97 2.75 -7.48	39.37 2.70 -14.55	39.23 2.72 -14.78	32.21 2.60 -8.83	33.84 2.50 -10.81	33.40 2.51 -9.80	44.25 2.77 -16.77	51.60 4.30 -9.55	55.38 5.25 -1.97	66.62 6.49 -0.57	72.88 6.73 -0.15	62.21 5.60 -0.01	51.07 4.26 -0.01	40.16 3.25 -0.01
HOLTSVILLE_IC_7 23696	40.89 3.15 -7.76	37.11 3.19 -3.86	36.23 2.97 -3.84	34.07 2.97 -2.24	34.21 3.08 -0.01	34.61 3.26 -0.01	38.53 3.53 -0.01	38.09 3.71 -0.01	35.25 3.46 -0.01	31.20 3.24 -0.01	32.97 2.75 -7.48	39.37 2.70 -14.55	39.23 2.72 -14.78	32.21 2.60 -8.83	33.84 2.50 -10.81	33.40 2.51 -9.80	44.25 2.77 -16.77	51.60 4.30 -9.55	55.38 5.25 -1.97	66.62 6.49 -0.57	72.88 6.73 -0.15	62.21 5.60 -0.01	51.07 4.26 -0.01	40.16 3.25 -0.01
HOLTSVILLE_IC_8 23697	40.89 3.15 -7.76	37.11 3.19 -3.86	36.23 2.97 -3.84	34.07 2.97 -2.24	34.21 3.08 -0.01	34.61 3.26 -0.01	38.53 3.53 -0.01	38.09 3.71 -0.01	35.25 3.46 -0.01	31.20 3.24 -0.01	32.97 2.75 -7.48	39.37 2.70 -14.55	39.23 2.72 -14.78	32.21 2.60 -8.83	33.84 2.50 -10.81	33.40 2.51 -9.80	44.25 2.77 -16.77	51.60 4.30 -9.55	55.38 5.25 -1.97	66.62 6.49 -0.57	72.88 6.73 -0.15	62.21 5.60 -0.01	51.07 4.26 -0.01	40.16 3.25 -0.01
HOLTSVILLE_IC_9 23698	40.89 3.15 -7.76	37.11 3.19 -3.86	36.23 2.97 -3.84	34.07 2.97 -2.24	34.21 3.08 -0.01	34.61 3.26 -0.01	38.53 3.53 -0.01	38.09 3.71 -0.01	35.25 3.46 -0.01	31.20 3.24 -0.01	32.97 2.75 -7.48	39.37 2.70 -14.55	39.23 2.72 -14.78	32.21 2.60 -8.83	33.84 2.50 -10.81	33.40 2.51 -9.80	44.25 2.77 -16.77	51.60 4.30 -9.55	55.38 5.25 -1.97	66.62 6.49 -0.57	72.88 6.73 -0.15	62.21 5.60 -0.01	51.07 4.26 -0.01	40.16 3.25 -0.01
HOMER_HL_115KV_TB2 355744	28.55 -1.95 -0.52	28.30 -2.01 -0.25	27.91 -1.77 -0.25	27.17 -1.82 -0.13	28.65 -2.46 0.01	28.92 -2.41 0.01	32.28 -2.69 0.02	31.89 -2.47 0.00	29.63 -2.13 0.02	25.97 -1.96 0.02	21.75 -1.50 -0.50	21.19 -1.53 -0.60	20.71 -1.59 -0.57	19.88 -1.43 -0.53	19.79 -1.31 -0.58	20.53 -1.22 -0.66	23.95 -1.41 -0.65	36.04 -1.70 0.02	36.79 -1.93 9.45	54.62 -2.20 2.73	61.71 -3.56 0.71	54.03 -2.55 0.02	43.22 -3.56 0.02	34.47 -2.44 0.00
HOWARD_WT_PWR 323690	29.04 -1.47 -0.53	28.81 -1.50 -0.25	28.26 -1.41 -0.25	27.60 -1.38 -0.13	29.67 -1.43 0.01	29.89 -1.44 0.01	33.50 -1.47 0.02	33.03 -1.34 0.00	30.17 -1.59 0.02	26.39 -1.54 0.02	21.91 -1.34 -0.51	21.24 -1.48 -0.61	20.79 -1.52 -0.58	19.86 -1.45 -0.54	19.58 -1.54 -0.60	19.98 -1.79 -0.67	23.50 -1.88 -0.67	56.85 -2.38 -21.47	32.76 -2.41 12.99	53.81 -2.32 3.42	62.84 -2.77 0.37	54.54 -2.04 0.03	44.81 -1.96 0.03	35.65 -1.25 0.00
HQ_GEN_CEDARS 23644	29.44 -0.54 0.00	29.55 -0.51 0.00	28.93 -0.50 0.00	28.39 -0.46 0.00	30.62 -0.50 0.00	30.78 -0.56 0.00	34.47 -0.52 0.00	33.72 -0.65 0.00	31.24 -0.54 0.00	27.45 -0.50 0.00	22.29 -0.45 0.00	21.76 -0.35 0.00	21.33 -0.39 0.00	20.38 -0.39 0.00	20.17 -0.35 0.00	20.78 -0.32 0.00	24.39 -0.32 0.00	37.07 -0.68 0.00	47.54 -0.63 0.00	58.72 -0.83 0.00	65.72 -0.26 0.00	56.20 -0.40 0.00	46.61 -0.19 0.00	36.79 -0.11 0.00
HQ_GEN_CEDARS_PROXY 323590	29.44 -0.54 0.00	29.55 -0.51 0.00	28.93 -0.50 0.00	28.39 -0.46 0.00	30.62 -0.50 0.00	30.78 -0.56 0.00	34.47 -0.52 0.00	33.72 -0.65 0.00	31.24 -0.54 0.00	27.45 -0.50 0.00	22.29 -0.45 0.00	21.76 -0.35 0.00	21.34 -0.39 0.00	20.38 -0.40 0.00	20.15 -0.37 0.00	20.78 -0.32 0.00	24.77 -0.32 -0.38	36.69 -0.68 0.38	47.53 -0.63 0.00	58.72 -0.83 0.00	65.59 -0.39 0.00	56.21 -0.39 0.00	46.71 -0.09 0.00	36.80 -0.11 0.00

HQ_GEN_CHPE_PROXY 323851	40.07 2.34 -7.75	36.26 2.35 -3.85	35.40 2.15 -3.83	33.25 2.17 -2.23	33.26 2.15 0.00	33.69 2.35 0.00	37.48 2.48 0.00	37.02 2.65 0.00	34.32 2.54 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.06 2.10 -8.84	32.32 2.13 -8.47	30.75 2.04 -7.94	31.14 1.93 -8.69	32.76 1.88 -9.79	36.81 2.10 -10.00	48.91 3.28 -7.88	54.41 4.28 -1.96	65.30 5.18 -0.56	71.28 5.15 -0.15	61.02 4.42 0.00	49.66 2.86 0.00	38.93 2.03 0.00
HQ_GEN_IMPORT 323601	29.74 -0.24 0.00	29.82 -0.24 0.00	29.19 -0.24 0.00	28.66 -0.20 0.00	30.90 -0.22 0.00	31.12 -0.22 0.00	34.75 -0.24 0.00	34.13 -0.24 0.00	31.65 -0.13 0.00	27.84 -0.11 0.00	22.65 -0.09 0.00	22.05 -0.07 0.00	21.64 -0.09 0.00	20.69 -0.08 0.00	20.44 -0.08 0.00	21.03 -0.06 0.00	25.02 -0.07 -0.38	37.22 -0.15 0.38	48.02 -0.14 0.00	59.32 -0.24 0.00	65.92 -0.07 0.00	56.54 -0.06 0.00	46.80 0.00 0.00	36.91 0.00 0.00
HQ_GEN_WHEEL 23651	29.74 -0.24 0.00	29.82 -0.24 0.00	29.19 -0.24 0.00	28.66 -0.20 0.00	30.90 -0.22 0.00	31.12 -0.22 0.00	34.75 -0.24 0.00	34.13 -0.24 0.00	31.65 -0.13 0.00	27.84 -0.11 0.00	22.65 -0.09 0.00	22.05 -0.07 0.00	21.64 -0.09 0.00	20.69 -0.08 0.00	20.44 -0.08 0.00	21.03 -0.06 0.00	25.02 -0.07 -0.38	37.22 -0.15 0.38	48.02 -0.14 0.00	59.32 -0.24 0.00	65.92 -0.07 0.00	56.54 -0.06 0.00	46.80 0.00 0.00	36.91 0.00 0.00
HUDSON AVE_GT_3 23810	40.10 2.37 -7.75	36.29 2.37 -3.85	35.46 2.21 -3.83	33.28 2.19 -2.23	33.29 2.18 0.00	33.72 2.38 0.00	37.55 2.55 0.00	37.08 2.72 0.00	34.42 2.64 0.00	30.49 2.54 0.00	32.40 2.18 -7.47	33.13 2.17 -8.84	32.39 2.19 -8.47	30.83 2.08 -7.98	31.26 2.01 -8.73	32.93 2.00 -9.83	36.57 2.20 -9.66	49.45 3.44 -8.26	54.60 4.48 -1.96	65.48 5.36 -0.56	71.54 5.41 -0.15	61.24 4.64 0.00	49.84 3.04 0.00	39.05 2.14 0.00
HUDSON AVE_GT_4 23540	40.10 2.37 -7.75	36.29 2.37 -3.85	35.46 2.21 -3.83	33.28 2.19 -2.23	33.29 2.18 0.00	33.72 2.38 0.00	37.55 2.55 0.00	37.08 2.72 0.00	34.42 2.64 0.00	30.49 2.54 0.00	32.40 2.18 -7.47	33.13 2.17 -8.84	32.39 2.19 -8.47	30.83 2.08 -7.98	31.26 2.01 -8.73	32.93 2.00 -9.83	36.57 2.20 -9.66	49.45 3.44 -8.26	54.60 4.48 -1.96	65.48 5.36 -0.56	71.54 5.41 -0.15	61.24 4.64 0.00	49.84 3.04 0.00	39.05 2.14 0.00
HUDSON AVE_GT_5 23657	40.10 2.37 -7.75	36.29 2.37 -3.85	35.46 2.21 -3.83	33.28 2.19 -2.23	33.29 2.18 0.00	33.72 2.38 0.00	37.55 2.55 0.00	37.08 2.72 0.00	34.42 2.64 0.00	30.49 2.54 0.00	32.40 2.18 -7.47	33.13 2.17 -8.84	32.39 2.19 -8.47	30.83 2.08 -7.98	31.26 2.01 -8.73	32.93 2.00 -9.83	36.57 2.20 -9.66	49.45 3.44 -8.26	54.60 4.48 -1.96	65.48 5.36 -0.56	71.54 5.41 -0.15	61.24 4.64 0.00	49.84 3.04 0.00	39.05 2.14 0.00
HUDSON_AVE_10 24168	39.95 2.22 -7.75	36.14 2.22 -3.85	35.31 2.06 -3.83	33.14 2.05 -2.23	33.14 2.02 0.00	33.60 2.26 0.00	37.41 2.41 0.00	36.95 2.58 0.00	34.29 2.51 0.00	30.41 2.46 0.00	32.33 2.12 -7.47	33.04 2.08 -8.84	32.30 2.11 -8.47	30.77 2.02 -7.98	31.20 1.95 -8.73	32.85 1.92 -9.83	36.47 2.10 -9.66	49.29 3.28 -8.26	54.41 4.29 -1.96	65.24 5.12 -0.56	71.28 5.15 -0.15	61.07 4.47 0.00	49.70 2.90 0.00	38.90 1.99 0.00
HUDSON___115KV_TB 4 355613	39.93 1.29 -8.66	35.66 1.29 -4.31	34.97 1.27 -4.28	32.54 1.18 -2.50	32.55 1.43 0.00	32.82 1.47 0.00	36.64 1.64 0.00	35.92 1.55 0.00	33.02 1.24 0.00	28.96 1.01 0.00	31.75 0.66 -8.35	32.60 0.60 -9.88	31.75 0.56 -9.46	30.19 0.50 -8.91	30.79 0.51 -9.76	32.67 0.59 -10.99	36.20 0.69 -10.80	48.34 1.32 -9.27	51.89 2.26 -1.47	63.01 3.04 -0.42	69.20 3.10 -0.11	59.15 2.55 0.00	48.81 2.01 0.00	38.42 1.51 0.00
HUNTER MOUNT___DRP 323613	39.82 1.29 -8.55	35.60 1.29 -4.25	34.88 1.24 -4.22	32.50 1.18 -2.46	32.70 1.59 0.00	32.97 1.63 0.00	36.85 1.85 0.00	36.09 1.72 0.00	33.11 1.33 0.00	29.01 1.06 0.00	31.54 0.57 -8.23	32.37 0.51 -9.74	31.51 0.46 -9.33	29.94 0.37 -8.79	30.53 0.39 -9.62	32.42 0.49 -10.83	35.95 0.59 -10.65	48.14 1.25 -9.14	52.10 2.41 -1.53	63.33 3.33 -0.44	69.53 3.43 -0.11	59.49 2.89 0.00	49.09 2.29 0.00	38.64 1.73 0.00
HUNTINGTON_RES_REC 323705	40.32 2.58 -7.76	36.51 2.59 -3.86	35.70 2.44 -3.84	33.52 2.42 -2.24	33.55 2.43 -0.01	33.95 2.60 -0.01	37.87 2.87 -0.01	37.37 2.99 -0.01	34.65 2.86 -0.01	30.64 2.68 -0.01	32.48 2.25 -7.48	38.91 2.21 -14.58	38.78 2.24 -14.81	31.76 2.14 -8.84	33.40 2.05 -10.82	32.94 2.05 -9.80	43.79 2.27 -16.81	50.74 3.43 -9.56	54.18 4.05 -1.97	64.89 4.77 -0.57	71.02 4.88 -0.15	60.63 4.02 -0.01	49.99 3.18 -0.01	39.35 2.44 -0.01
HUNTLEY___63 23557	27.81 -2.70 -0.53	27.64 -2.68 -0.25	27.00 -2.68 -0.25	26.40 -2.60 -0.14	28.43 -2.68 0.01	28.64 -2.70 0.01	31.79 -3.18 0.02	31.41 -2.96 0.01	28.55 -3.21 0.02	25.05 -2.88 0.02	20.88 -2.37 -0.50	20.23 -2.48 -0.59	19.90 -2.39 -0.57	19.11 -2.20 -0.54	18.83 -2.28 -0.59	19.55 -2.22 -0.67	22.47 -2.89 -0.65	29.51 -4.15 4.09	35.28 -5.59 7.29	50.49 -6.85 2.21	57.36 -7.92 0.71	50.41 -6.17 0.02	42.24 -4.54 0.02	34.09 -2.80 0.01
HUNTLEY___64 23558	27.81 -2.70 -0.53	27.64 -2.68 -0.25	27.00 -2.68 -0.25	26.40 -2.60 -0.14	28.43 -2.68 0.01	28.64 -2.70 0.01	31.79 -3.18 0.02	31.41 -2.96 0.01	28.55 -3.21 0.02	25.05 -2.88 0.02	20.88 -2.37 -0.50	20.23 -2.48 -0.59	19.90 -2.39 -0.57	19.11 -2.20 -0.54	18.83 -2.28 -0.59	19.55 -2.22 -0.67	22.47 -2.89 -0.65	29.51 -4.15 4.09	35.28 -5.59 7.29	50.49 -6.85 2.21	57.36 -7.92 0.71	50.41 -6.17 0.02	42.24 -4.54 0.02	34.09 -2.80 0.01
HUNTLEY___65 23559	27.81 -2.70 -0.53	27.64 -2.68 -0.25	27.00 -2.68 -0.25	26.40 -2.60 -0.14	28.43 -2.68 0.01	28.64 -2.70 0.01	31.79 -3.18 0.02	31.41 -2.96 0.01	28.55 -3.21 0.02	25.05 -2.88 0.02	20.88 -2.37 -0.50	20.23 -2.48 -0.59	19.90 -2.39 -0.57	19.11 -2.20 -0.54	18.83 -2.28 -0.59	19.55 -2.22 -0.67	22.47 -2.89 -0.65	29.51 -4.15 4.09	35.28 -5.59 7.29	50.49 -6.85 2.21	57.36 -7.92 0.71	50.41 -6.17 0.02	42.24 -4.54 0.02	34.09 -2.80 0.01
HUNTLEY___66 23560	27.81 -2.70 -0.53	27.64 -2.68 -0.25	27.00 -2.68 -0.25	26.40 -2.60 -0.14	28.43 -2.68 0.01	28.64 -2.70 0.01	31.79 -3.18 0.02	31.41 -2.96 0.01	28.55 -3.21 0.02	25.05 -2.88 0.02	20.88 -2.37 -0.50	20.23 -2.48 -0.59	19.90 -2.39 -0.57	19.11 -2.20 -0.54	18.83 -2.28 -0.59	19.55 -2.22 -0.67	22.47 -2.89 -0.65	29.51 -4.15 4.09	35.28 -5.59 7.29	50.49 -6.85 2.21	57.36 -7.92 0.71	50.41 -6.17 0.02	42.24 -4.54 0.02	34.09 -2.80 0.01
HUNTLEY___67 23561	27.96 -2.55 -0.52	27.76 -2.56 -0.25	27.12 -2.56 -0.25	26.49 -2.51 -0.14	28.56 -2.55 0.01	28.73 -2.60 0.01	31.90 -3.08 0.01	31.55 -2.82 0.00	28.71 -3.05 0.01	25.22 -2.71 0.01	21.04 -2.21 -0.51	20.42 -2.30 -0.60	20.06 -2.24 -0.57	19.26 -2.06 -0.54	18.99 -2.11 -0.59	19.69 -2.07 -0.66	22.67 -2.69 -0.66	28.86 -4.11 4.78	35.39 -5.35 7.43	50.75 -6.55 2.25	57.77 -7.52 0.70	50.70 -5.89 0.02	42.38 -4.40 0.02	34.17 -2.73 0.00



HUNTLEY___68 23562	27.96 -2.55 -0.52	27.76 -2.56 -0.25	27.12 -2.56 -0.25	26.49 -2.51 -0.14	28.56 -2.55 0.01	28.73 -2.60 0.01	31.90 -3.08 0.01	31.55 -2.82 0.00	28.71 -3.05 0.01	25.22 -2.71 0.01	21.04 -2.21 -0.51	20.42 -2.30 -0.60	20.06 -2.24 -0.57	19.26 -2.06 -0.54	18.99 -2.11 -0.59	19.69 -2.07 -0.66	22.67 -2.69 -0.66	28.86 -4.11 4.78	35.39 -5.35 7.43	50.75 -6.55 2.25	57.77 -7.52 0.70	50.70 -5.89 0.02	42.38 -4.40 0.02	34.17 -2.73 0.00
HYLAND___LFGE 323620	30.21 -0.30 -0.53	29.92 -0.39 -0.25	29.35 -0.32 -0.25	28.65 -0.34 -0.14	30.92 -0.19 0.01	31.12 -0.22 0.01	34.80 -0.17 0.02	33.99 -0.38 0.00	30.62 -1.14 0.02	26.65 -1.29 0.02	21.93 -1.32 -0.51	21.20 -1.53 -0.61	20.78 -1.52 -0.58	19.86 -1.45 -0.54	19.64 -1.48 -0.59	20.31 -1.46 -0.67	23.72 -1.66 -0.66	59.16 -2.08 -23.48	37.10 -1.73 9.33	56.11 -0.83 2.61	65.09 -0.33 0.57	56.35 -0.23 0.02	46.69 -0.09 0.02	37.17 0.26 0.00
INDECK___CORINTH 23802	40.61 1.62 -9.01	36.14 1.59 -4.48	35.44 1.56 -4.45	32.95 1.50 -2.60	32.70 1.59 0.00	32.97 1.63 0.00	36.84 1.85 0.00	35.95 1.58 0.00	33.02 1.24 0.00	28.98 1.03 0.00	32.16 0.75 -8.67	33.04 0.66 -10.26	32.16 0.61 -9.82	30.55 0.52 -9.25	31.18 0.53 -10.13	33.13 0.63 -11.40	36.73 0.81 -11.21	49.08 1.70 -9.63	50.52 2.36 0.00	62.95 3.39 0.00	69.48 3.49 0.00	59.49 2.89 0.00	49.09 2.29 0.00	38.53 1.62 0.00
INDECK___ILION 23567	29.95 -0.03 0.00	30.03 -0.03 0.00	29.34 -0.09 0.00	28.68 -0.17 0.00	30.96 -0.16 0.00	31.25 -0.09 0.00	34.92 -0.07 0.00	34.33 -0.03 0.00	31.71 -0.06 0.00	27.81 -0.14 0.00	22.63 -0.11 0.00	21.99 -0.13 0.00	21.51 -0.22 0.00	20.51 -0.27 0.00	20.15 -0.37 0.00	20.65 -0.44 0.00	24.21 -0.49 0.00	37.11 -0.64 0.00	47.58 -0.58 0.00	59.08 -0.48 0.00	65.46 -0.53 0.00	56.20 -0.40 0.00	46.75 -0.05 0.00	36.94 0.04 0.00
INDECK___OLEAN 23982	28.64 -1.86 -0.52	28.39 -1.92 -0.25	27.94 -1.74 -0.25	27.26 -1.73 -0.13	28.65 -2.46 0.01	28.89 -2.44 0.01	32.35 -2.62 0.02	31.89 -2.47 0.00	29.66 -2.10 0.02	26.00 -1.93 0.02	21.74 -1.50 -0.50	21.17 -1.55 -0.60	20.71 -1.59 -0.57	19.92 -1.39 -0.53	19.59 -1.52 -0.59	19.72 -2.05 -0.66	23.68 -1.68 -0.66	36.04 -1.70 0.02	36.78 -1.93 9.45	54.62 -2.20 2.73	61.05 -4.22 0.71	54.09 -2.49 0.02	43.03 -3.75 0.02	34.47 -2.44 0.00
INDECK___OSWEGO 23783	30.04 -0.57 -0.62	29.80 -0.57 -0.31	29.17 -0.56 -0.31	28.46 -0.58 -0.18	30.56 -0.56 0.00	30.75 -0.60 0.00	34.33 -0.67 0.00	33.68 -0.69 0.00	31.02 -0.76 0.00	27.22 -0.73 0.00	22.75 -0.59 -0.60	22.25 -0.58 -0.71	21.86 -0.54 -0.68	20.87 -0.54 -0.64	20.69 -0.53 -0.70	21.34 -0.55 -0.79	24.84 -0.64 -0.77	37.40 -1.02 -0.66	44.96 -1.40 1.81	57.43 -1.61 0.52	65.56 -1.72 -1.28	55.07 -1.53 0.00	45.58 -1.22 0.00	35.98 -0.92 0.00
INDECK___YERKES 23781	27.84 -2.67 -0.53	27.67 -2.65 -0.25	27.03 -2.65 -0.25	26.40 -2.60 -0.14	28.46 -2.65 0.01	28.64 -2.70 0.01	31.79 -3.18 0.02	31.44 -2.92 0.01	28.55 -3.21 0.02	25.05 -2.88 0.02	20.90 -2.34 -0.50	20.26 -2.46 -0.60	19.90 -2.39 -0.57	19.11 -2.20 -0.54	18.86 -2.26 -0.59	19.51 -2.26 -0.67	22.45 -2.92 -0.65	29.55 -4.11 4.09	35.28 -5.59 7.29	50.55 -6.79 2.21	57.76 -7.52 0.71	50.47 -6.11 0.02	42.24 -4.54 0.02	34.13 -2.77 0.01
INDIAN POINT_GT_1 24139	39.82 2.10 -7.74	36.01 2.10 -3.85	35.22 1.97 -3.82	33.05 1.96 -2.23	33.08 1.96 0.00	33.44 2.10 0.00	37.27 2.27 0.00	36.78 2.41 0.00	34.07 2.29 0.00	30.13 2.18 0.00	32.07 1.87 -7.46	32.78 1.84 -8.83	32.03 1.85 -8.45	30.53 1.79 -7.96	30.98 1.74 -8.72	32.67 1.75 -9.82	36.29 1.93 -9.65	49.08 3.06 -8.27	54.13 4.00 -1.97	64.94 4.82 -0.57	70.95 4.82 -0.15	60.73 4.13 0.00	49.56 2.76 0.00	38.86 1.96 0.00
INDIAN POINT_GT_2 23659	39.82 2.10 -7.74	36.01 2.10 -3.85	35.22 1.97 -3.82	33.05 1.96 -2.23	33.08 1.96 0.00	33.44 2.10 0.00	37.27 2.27 0.00	36.78 2.41 0.00	34.07 2.29 0.00	30.13 2.18 0.00	32.07 1.87 -7.46	32.78 1.84 -8.83	32.03 1.85 -8.45	30.53 1.79 -7.96	30.98 1.74 -8.72	32.67 1.75 -9.82	36.29 1.93 -9.65	49.08 3.06 -8.27	54.13 4.00 -1.97	64.94 4.82 -0.57	70.95 4.82 -0.15	60.73 4.13 0.00	49.56 2.76 0.00	38.86 1.96 0.00
INDIAN POINT_GT_3 24019	39.82 2.10 -7.74	36.01 2.10 -3.85	35.22 1.97 -3.82	33.05 1.96 -2.23	33.08 1.96 0.00	33.44 2.10 0.00	37.27 2.27 0.00	36.78 2.41 0.00	34.07 2.29 0.00	30.13 2.18 0.00	32.07 1.87 -7.46	32.78 1.84 -8.83	32.03 1.85 -8.45	30.53 1.79 -7.96	30.98 1.74 -8.72	32.67 1.75 -9.82	36.29 1.93 -9.65	49.08 3.06 -8.27	54.13 4.00 -1.97	64.94 4.82 -0.57	70.95 4.82 -0.15	60.73 4.13 0.00	49.56 2.76 0.00	38.86 1.96 0.00
INDIAN POINT___2 23530	39.92 2.19 -7.75	36.11 2.19 -3.85	35.28 2.03 -3.83	33.14 2.05 -2.23	33.14 2.02 0.00	33.54 2.19 0.00	37.37 2.38 0.00	36.91 2.54 0.00	34.19 2.41 0.00	30.27 2.32 0.00	32.22 2.00 -7.47	32.93 1.97 -8.84	32.19 2.00 -8.47	30.42 1.81 -7.83	30.82 1.72 -8.57	32.44 1.69 -9.65	36.13 1.93 -9.49	48.92 3.02 -8.15	54.02 3.90 -1.96	64.82 4.70 -0.56	70.89 4.75 -0.15	60.62 4.02 0.00	49.47 2.67 0.00	38.82 1.92 0.00
INDIAN POINT___3 23531	39.70 2.04 -7.68	35.92 2.04 -3.82	35.10 1.88 -3.79	32.97 1.90 -2.21	33.01 1.90 0.00	33.38 2.04 0.00	37.16 2.17 0.00	36.71 2.34 0.00	34.00 2.22 0.00	30.07 2.12 0.00	31.97 1.82 -7.40	32.67 1.79 -8.76	31.92 1.80 -8.39	30.45 1.77 -7.91	30.90 1.72 -8.65	32.57 1.73 -9.75	36.21 1.93 -9.58	48.99 3.02 -8.22	54.07 3.90 -2.00	64.83 4.70 -0.58	70.89 4.75 -0.15	60.62 4.02 0.00	49.51 2.71 0.00	38.82 1.92 0.00
INDIANHDD_69_KV_BK1 55831	41.07 3.33 -7.76	37.29 3.37 -3.86	36.41 3.15 -3.84	34.24 3.15 -2.24	34.39 3.27 -0.01	34.80 3.45 -0.01	38.71 3.71 -0.01	38.30 3.92 -0.01	35.41 3.62 -0.01	31.37 3.41 -0.01	33.11 2.89 -7.48	39.49 2.83 -14.54	39.35 2.85 -14.78	32.37 2.72 -8.87	34.02 2.65 -10.85	33.64 2.70 -9.84	44.48 2.96 -16.81	51.94 4.64 -9.55	55.82 5.68 -1.97	67.21 7.09 -0.57	73.60 7.46 -0.15	62.78 6.17 -0.01	51.54 4.73 -0.01	40.46 3.54 -0.01
INGHAM_C_115KV_TB7 356103	29.95 -0.03 0.00	30.03 -0.03 0.00	29.34 -0.09 0.00	28.68 -0.17 0.00	30.96 -0.16 0.00	31.25 -0.09 0.00	34.92 -0.07 0.00	34.33 -0.03 0.00	31.71 -0.06 0.00	27.81 -0.14 0.00	22.63 -0.11 0.00	21.99 -0.13 0.00	21.51 -0.22 0.00	20.51 -0.27 0.00	20.15 -0.37 0.00	20.65 -0.44 0.00	24.21 -0.49 0.00	37.11 -0.64 0.00	47.58 -0.58 0.00	59.08 -0.48 0.00	65.46 -0.53 0.00	56.20 -0.40 0.00	46.75 -0.05 0.00	36.94 0.04 0.00
IP CORINTH___1 23988	40.62 1.62 -9.01	36.14 1.59 -4.48	35.44 1.56 -4.45	32.95 1.50 -2.60	32.70 1.59 0.00	32.97 1.63 0.00	36.85 1.85 0.00	35.95 1.58 0.00	33.02 1.24 0.00	28.98 1.03 0.00	32.16 0.75 -8.67	33.04 0.66 -10.26	32.16 0.61 -9.82	30.55 0.52 -9.25	31.21 0.55 -10.13	33.16 0.65 -11.41	36.74 0.82 -11.21	49.08 1.70 -9.63	50.52 2.36 0.00	62.95 3.39 0.00	69.55 3.56 0.00	59.49 2.89 0.00	49.14 2.34 0.00	38.53 1.62 0.00

IP___TICONDEROGA 23804	41.30 2.31 -9.01	36.79 2.25 -4.48	36.08 2.21 -4.45	33.53 2.08 -2.60	33.33 2.21 0.00	33.63 2.29 0.00	37.65 2.66 0.00	36.57 2.20 0.00	33.40 1.62 0.00	29.26 1.31 0.00	32.36 0.96 -8.66	33.17 0.80 -10.25	32.24 0.70 -9.82	30.61 0.58 -9.25	31.26 0.62 -10.12	33.28 0.78 -11.40	36.93 1.01 -11.21	49.64 2.27 -9.62	51.48 3.32 0.00	64.62 5.06 0.00	71.53 5.54 0.00	61.02 4.41 0.00	50.31 3.51 0.00	39.38 2.47 0.00
ISLIP_RES_REC 323679	40.98 3.24 -7.76	37.20 3.28 -3.86	36.32 3.06 -3.84	34.19 3.09 -2.24	34.30 3.18 -0.01	34.71 3.36 -0.01	38.64 3.64 -0.01	38.19 3.81 -0.01	35.35 3.56 -0.01	31.28 3.32 -0.01	33.04 2.82 -7.48	39.46 2.76 -14.57	39.32 2.78 -14.81	32.30 2.68 -8.84	33.91 2.56 -10.82	33.47 2.57 -9.80	44.37 2.86 -16.80	51.76 4.45 -9.56	55.57 5.44 -1.97	66.85 6.73 -0.57	73.21 7.06 -0.15	62.50 5.89 -0.01	51.26 4.45 -0.01	40.31 3.39 -0.01
JAMAICA__27_KV_LOAD 355505	40.04 2.31 -7.75	36.23 2.31 -3.85	35.37 2.12 -3.83	33.25 2.16 -2.23	33.23 2.12 0.00	33.79 2.44 0.00	37.55 2.55 0.00	37.12 2.75 0.00	34.45 2.67 0.00	30.58 2.63 0.00	32.47 2.25 -7.47	33.17 2.21 -8.84	32.45 2.26 -8.47	30.89 2.14 -7.98	31.32 2.07 -8.73	32.98 2.05 -9.83	36.62 2.25 -9.66	49.56 3.55 -8.26	54.80 4.67 -1.96	65.60 5.48 -0.56	71.61 5.48 -0.15	61.52 4.92 0.00	49.98 3.18 0.00	39.05 2.14 0.00
JANIS___SOLAR 323808	33.21 1.08 -2.15	32.21 1.08 -1.07	31.58 1.09 -1.06	30.48 1.01 -0.62	32.30 1.18 0.00	32.50 1.16 0.00	36.43 1.44 0.00	35.57 1.20 0.00	32.45 0.67 0.00	28.17 0.22 0.00	24.79 0.02 -2.02	24.51 0.00 -2.39	23.99 -0.02 -2.29	22.89 -0.04 -2.16	22.82 -0.06 -2.36	23.69 -0.06 -2.66	27.52 0.20 -2.61	42.32 0.79 -3.78	49.67 1.49 -0.01	62.34 2.62 -0.17	69.50 2.97 -0.54	59.03 2.43 0.00	48.67 1.87 0.00	38.27 1.37 0.00
JARVIS____ 23743	30.13 0.15 0.00	30.21 0.15 0.00	29.57 0.15 0.00	29.00 0.15 0.00	31.27 0.16 0.00	31.50 0.16 0.00	35.17 0.18 0.00	34.54 0.17 0.00	31.91 0.13 0.00	28.06 0.11 0.00	22.84 0.09 0.00	22.21 0.09 0.00	21.81 0.09 0.00	20.86 0.08 0.00	20.58 0.06 0.00	21.16 0.06 0.00	24.78 0.07 0.00	37.90 0.15 0.00	48.40 0.24 0.00	59.85 0.30 0.00	66.25 0.27 0.00	56.83 0.23 0.00	46.94 0.14 0.00	37.02 0.11 0.00
JENNISON___1 23625	34.41 1.32 -3.11	32.97 1.35 -1.55	32.32 1.35 -1.54	31.00 1.24 -0.90	32.52 1.40 0.00	32.73 1.38 0.00	36.85 1.85 -0.01	36.05 1.68 0.00	33.03 1.24 -0.01	28.71 0.75 -0.01	26.20 0.55 -2.91	26.14 0.60 -3.42	25.59 0.59 -3.28	24.47 0.60 -3.09	24.47 0.57 -3.38	25.43 0.53 -3.80	29.26 0.82 -3.74	42.30 1.62 -2.93	56.84 1.93 -6.75	64.52 2.92 -2.04	69.95 3.10 -0.86	59.21 2.60 -0.01	48.77 1.97 -0.01	38.35 1.44 0.00
JENNISON___2 23626	34.41 1.32 -3.11	32.97 1.35 -1.55	32.32 1.35 -1.54	31.00 1.24 -0.90	32.52 1.40 0.00	32.73 1.38 0.00	36.85 1.85 -0.01	36.05 1.68 0.00	33.03 1.24 -0.01	28.71 0.75 -0.01	26.20 0.55 -2.91	26.14 0.60 -3.42	25.59 0.59 -3.28	24.47 0.60 -3.09	24.47 0.57 -3.38	25.43 0.53 -3.80	29.26 0.82 -3.74	42.30 1.62 -2.93	56.84 1.93 -6.75	64.52 2.92 -2.04	69.95 3.10 -0.86	59.21 2.60 -0.01	48.77 1.97 -0.01	38.35 1.44 0.00
JERICHO_RISE_WT_PWR 323719	29.20 -0.78 0.00	29.28 -0.78 0.00	28.66 -0.77 0.00	28.16 -0.69 0.00	30.40 -0.71 0.00	30.65 -0.69 0.00	34.29 -0.70 0.00	33.61 -0.76 0.00	31.17 -0.60 0.00	27.39 -0.56 0.00	22.24 -0.50 0.00	21.65 -0.47 0.00	21.23 -0.50 0.00	20.30 -0.48 0.00	20.07 -0.45 0.00	20.65 -0.44 0.00	24.24 -0.47 0.00	37.00 -0.75 0.00	47.39 -0.77 0.00	58.60 -0.96 0.00	65.39 -0.60 0.00	56.03 -0.57 0.00	46.42 -0.38 0.00	36.57 -0.33 0.00
KATONAH___115KV_46KV_TB4 355592	39.97 2.19 -7.80	36.13 2.19 -3.88	35.34 2.06 -3.85	33.15 2.05 -2.25	33.17 2.05 0.00	33.54 2.19 0.00	37.41 2.41 0.00	36.91 2.54 0.00	34.16 2.38 0.00	30.21 2.26 0.00	32.15 1.89 -7.52	32.88 1.86 -8.90	32.12 1.87 -8.52	30.61 1.81 -8.03	31.07 1.76 -8.79	32.77 1.77 -9.90	36.41 1.98 -9.73	49.26 3.17 -8.34	54.23 4.14 -1.93	65.11 5.00 -0.56	71.15 5.02 -0.14	60.90 4.30 0.00	49.75 2.95 0.00	38.97 2.07 0.00
KCE_NY_1 323755	40.60 1.62 -9.00	36.13 1.59 -4.47	35.43 1.56 -4.44	32.95 1.50 -2.59	32.67 1.56 0.00	32.94 1.60 0.00	36.81 1.82 0.00	36.05 1.68 0.00	33.14 1.37 0.00	29.12 1.17 0.00	32.31 0.91 -8.65	33.18 0.82 -10.24	32.31 0.78 -9.81	30.72 0.71 -9.24	31.35 0.72 -10.11	33.28 0.80 -11.39	36.89 0.99 -11.19	49.17 1.81 -9.61	50.62 2.45 0.00	62.89 3.33 0.00	69.42 3.43 0.00	59.49 2.89 0.00	49.14 2.34 0.00	38.60 1.70 0.00
KCE_NY_6_ESR 323823	28.14 -2.37 -0.52	27.94 -2.38 -0.25	27.32 -2.36 -0.25	26.71 -2.28 -0.14	28.65 -2.46 0.01	28.89 -2.44 0.01	32.11 -2.87 0.02	31.72 -2.65 0.00	29.03 -2.73 0.02	25.45 -2.49 0.02	21.22 -2.02 -0.50	20.57 -2.15 -0.60	20.19 -2.11 -0.57	19.36 -1.95 -0.54	19.08 -2.03 -0.59	19.61 -2.15 -0.67	22.84 -2.52 -0.66	29.08 -3.55 5.12	35.70 -4.48 7.98	51.81 -5.36 2.38	58.95 -6.34 0.70	51.71 -4.87 0.02	42.71 -4.07 0.02	34.43 -2.47 0.00
KEDC_PORT_JEFF_GT2 24210	40.89 3.15 -7.76	37.11 3.19 -3.86	36.23 2.97 -3.84	34.07 2.97 -2.24	34.21 3.08 -0.01	34.58 3.23 -0.01	38.50 3.50 -0.01	38.09 3.71 -0.01	35.25 3.46 -0.01	31.20 3.24 -0.01	32.97 2.75 -7.48	39.35 2.70 -14.54	39.21 2.72 -14.77	32.23 2.62 -8.83	33.83 2.50 -10.81	33.40 2.51 -9.80	44.23 2.77 -16.75	51.60 4.30 -9.55	55.38 5.25 -1.97	66.62 6.49 -0.57	72.88 6.73 -0.15	62.21 5.60 -0.01	51.07 4.26 -0.01	40.16 3.25 -0.01
KEDC_PORT_JEFF_GT3 24211	40.89 3.15 -7.76	37.11 3.19 -3.86	36.23 2.97 -3.84	34.07 2.97 -2.24	34.21 3.08 -0.01	34.58 3.23 -0.01	38.50 3.50 -0.01	38.09 3.71 -0.01	35.25 3.46 -0.01	31.20 3.24 -0.01	32.97 2.75 -7.48	39.35 2.70 -14.54	39.21 2.72 -14.77	32.23 2.62 -8.83	33.83 2.50 -10.81	33.40 2.51 -9.80	44.23 2.77 -16.75	51.60 4.30 -9.55	55.38 5.25 -1.97	66.62 6.49 -0.57	72.88 6.73 -0.15	62.21 5.60 -0.01	51.07 4.26 -0.01	40.16 3.25 -0.01
KEDC_GLWD_GT4 24219	40.38 2.64 -7.76	36.57 2.65 -3.87	35.74 2.47 -3.84	33.58 2.48 -2.25	33.62 2.49 -0.01	34.02 2.66 -0.01	37.91 2.90 -0.01	37.44 3.06 -0.01	34.68 2.89 -0.01	30.70 2.74 -0.01	32.52 2.30 -7.48	42.29 2.28 -17.90	42.49 2.28 -18.49	32.34 2.20 -9.36	34.69 2.11 -12.06	32.99 2.09 -9.80	48.02 2.35 -20.96	51.72 3.66 -10.31	54.86 4.72 -1.98	65.85 5.72 -0.58	71.75 5.61 -0.16	61.48 4.87 -0.01	50.23 3.41 -0.01	39.46 2.54 -0.01
KEDC_GLWD_GT5 24220	40.38 2.64 -7.76	36.57 2.65 -3.87	35.74 2.47 -3.84	33.58 2.48 -2.25	33.62 2.49 -0.01	34.02 2.66 -0.01	37.91 2.90 -0.01	37.44 3.06 -0.01	34.68 2.89 -0.01	30.70 2.74 -0.01	32.52 2.30 -7.48	42.29 2.28 -17.90	42.49 2.28 -18.49	32.34 2.20 -9.36	34.69 2.11 -12.06	32.99 2.09 -9.80	48.02 2.35 -20.96	51.72 3.66 -10.31	54.86 4.72 -1.98	65.85 5.72 -0.58	71.75 5.61 -0.16	61.48 4.87 -0.01	50.23 3.41 -0.01	39.46 2.54 -0.01

KENSICO____ 23655	39.88 2.16 -7.74	36.11 2.19 -3.85	35.28 2.03 -3.82	33.11 2.02 -2.23	33.14 2.02 0.00	33.51 2.16 0.00	37.34 2.34 0.00	36.88 2.51 0.00	34.16 2.38 0.00	30.24 2.29 0.00	32.19 1.98 -7.47	32.90 1.95 -8.84	32.14 1.96 -8.46	30.62 1.87 -7.97	31.07 1.83 -8.73	32.74 1.81 -9.83	36.39 2.03 -9.66	49.17 3.17 -8.25	54.22 4.09 -1.96	65.06 4.94 -0.57	71.15 5.02 -0.15	60.85 4.25 0.00	49.65 2.85 0.00	38.94 2.03 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	39.81 2.25 -7.58	36.12 2.28 -3.77	35.29 2.12 -3.75	33.12 2.08 -2.19	33.23 2.12 0.00	33.60 2.26 0.00	37.51 2.52 0.00	36.98 2.61 0.00	34.13 2.35 0.00	30.05 2.10 0.00	31.72 1.73 -7.25	32.32 1.70 -8.50	31.54 1.67 -8.14	30.04 1.60 -7.67	30.49 1.58 -8.39	32.17 1.62 -9.45	35.85 1.85 -9.29	48.79 3.06 -7.98	54.37 4.14 -2.07	65.45 5.30 -0.60	71.62 5.48 -0.15	61.13 4.53 0.00	50.03 3.23 0.00	39.16 2.25 0.00
KIAC_JFK_GT1 23816	39.89 2.16 -7.75	36.08 2.16 -3.85	35.25 2.00 -3.83	33.11 2.02 -2.23	33.08 1.96 0.00	33.60 2.26 0.00	37.37 2.38 0.00	36.95 2.58 0.00	34.29 2.51 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.06 2.10 -8.84	32.34 2.15 -8.47	30.79 2.04 -7.98	31.22 1.97 -8.73	32.87 1.94 -9.83	36.50 2.12 -9.66	49.37 3.36 -8.26	54.51 4.38 -1.96	65.00 4.88 -0.56	71.02 4.88 -0.15	61.18 4.58 0.00	49.75 2.95 0.00	38.86 1.96 0.00
KIAC_JFK_GT2 23817	39.89 2.16 -7.75	36.08 2.16 -3.85	35.25 2.00 -3.83	33.11 2.02 -2.23	33.08 1.96 0.00	33.60 2.26 0.00	37.37 2.38 0.00	36.95 2.58 0.00	34.29 2.51 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.06 2.10 -8.84	32.34 2.15 -8.47	30.79 2.04 -7.98	31.22 1.97 -8.73	32.87 1.94 -9.83	36.50 2.12 -9.66	49.37 3.36 -8.26	54.51 4.38 -1.96	65.00 4.88 -0.56	71.02 4.88 -0.15	61.18 4.58 0.00	49.75 2.95 0.00	38.86 1.96 0.00
KIAC_JFK____ 323774	39.89 2.16 -7.75	36.11 2.19 -3.85	35.25 2.00 -3.83	33.11 2.02 -2.23	33.08 1.96 0.00	33.60 2.26 0.00	37.37 2.38 0.00	36.95 2.58 0.00	34.29 2.51 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.06 2.10 -8.84	32.34 2.15 -8.47	30.77 2.06 -7.94	31.18 1.97 -8.69	32.78 1.90 -9.79	36.43 2.10 -9.62	49.37 3.36 -8.26	54.51 4.38 -1.96	65.00 4.88 -0.56	70.95 4.81 -0.15	61.13 4.53 0.00	49.66 2.86 0.00	38.86 1.95 0.00
KINTIGH_24_KV_GSU 356498	28.32 -2.19 -0.53	28.09 -2.22 -0.26	27.38 -2.30 -0.25	26.81 -2.19 -0.14	29.06 -2.05 0.01	29.20 -2.13 0.01	32.46 -2.52 0.01	32.07 -2.30 0.00	29.04 -2.73 0.01	25.56 -2.38 0.01	21.27 -1.98 -0.51	20.67 -2.06 -0.61	20.35 -1.96 -0.58	19.47 -1.85 -0.54	19.25 -1.87 -0.60	20.02 -1.75 -0.67	22.92 -2.45 -0.66	31.50 -4.00 2.24	36.74 -5.25 6.17	51.19 -6.43 1.93	58.76 -6.53 0.70	50.98 -5.60 0.01	43.04 -3.75 0.01	34.65 -2.25 0.00
KINTIGH____ 23543	28.32 -2.19 -0.53	28.12 -2.19 -0.26	27.41 -2.27 -0.25	26.81 -2.19 -0.14	29.06 -2.05 0.01	29.21 -2.13 0.01	32.50 -2.48 0.01	32.07 -2.30 0.00	29.07 -2.70 0.01	25.56 -2.38 0.01	21.28 -1.98 -0.51	20.67 -2.06 -0.60	20.35 -1.96 -0.58	19.49 -1.83 -0.54	19.20 -1.91 -0.59	19.87 -1.90 -0.67	22.87 -2.50 -0.66	31.50 -4.00 2.24	36.74 -5.25 6.17	51.19 -6.43 1.93	58.23 -7.06 0.70	50.98 -5.60 0.01	43.04 -3.74 0.01	34.65 -2.25 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	29.56 -0.42 0.00	29.64 -0.42 0.00	29.01 -0.41 0.00	28.51 -0.35 0.00	30.77 -0.34 0.00	31.03 -0.31 0.00	34.78 -0.21 0.00	34.03 -0.34 0.00	31.52 -0.25 0.00	27.67 -0.28 0.00	22.47 -0.27 0.00	21.90 -0.22 0.00	21.44 -0.28 0.00	20.51 -0.27 0.00	20.29 -0.23 0.00	20.89 -0.21 0.00	24.53 -0.17 0.00	37.45 -0.30 0.00	48.07 -0.10 0.00	59.49 -0.06 0.00	66.65 0.66 0.00	56.88 0.28 0.00	47.08 0.28 0.00	37.16 0.26 0.00
LACHUTE____HYDRO 323717	41.30 2.31 -9.01	36.80 2.26 -4.48	36.08 2.21 -4.45	33.53 2.08 -2.60	33.33 2.21 0.00	33.63 2.29 0.00	37.65 2.66 0.00	36.57 2.20 0.00	33.40 1.62 0.00	29.26 1.31 0.00	32.36 0.96 -8.66	33.17 0.80 -10.25	32.24 0.70 -9.82	30.58 0.56 -9.25	31.26 0.62 -10.12	33.28 0.78 -11.40	36.92 1.01 -11.20	49.64 2.26 -9.62	51.48 3.32 0.00	64.61 5.06 0.00	71.46 5.47 0.00	61.02 4.42 0.00	50.31 3.51 0.00	39.38 2.47 0.00
LAWRNCV_115KV_TB1 80681	29.06 -1.05 -0.12	29.10 -1.02 -0.06	28.52 -0.97 -0.06	27.97 -0.92 -0.04	30.12 -1.00 0.00	30.21 -1.13 0.00	33.84 -1.15 0.00	33.03 -1.34 0.00	30.57 -1.21 0.00	26.80 -1.15 0.00	21.88 -0.98 -0.12	21.40 -0.86 -0.14	20.97 -0.89 -0.13	20.03 -0.87 -0.13	19.82 -0.84 -0.14	20.47 -0.78 -0.15	24.02 -0.84 -0.15	36.30 -1.59 -0.13	46.57 -1.59 0.00	57.65 -1.91 0.00	64.70 -1.39 -0.09	55.19 -1.42 0.00	45.91 -0.89 0.00	36.17 -0.74 0.00
LEDERLE____ 23769	39.66 2.13 -7.55	35.95 2.13 -3.75	35.15 2.00 -3.73	33.02 1.99 -2.18	33.08 1.96 0.00	33.47 2.13 0.00	37.27 2.27 0.00	36.81 2.44 0.00	34.07 2.29 0.00	30.10 2.15 0.00	31.92 1.84 -7.34	32.56 1.84 -8.61	31.80 1.82 -8.24	30.37 1.83 -7.77	30.81 1.79 -8.50	32.46 1.79 -9.57	36.12 2.00 -9.41	49.03 3.17 -8.11	54.39 4.14 -2.08	65.21 5.06 -0.60	71.29 5.15 -0.15	60.90 4.30 0.00	49.75 2.95 0.00	39.01 2.10 0.00
LIGHTHSE_115KV_TB6 355974	30.12 -0.45 -0.59	29.90 -0.45 -0.29	29.27 -0.44 -0.29	28.59 -0.43 -0.17	30.74 -0.37 0.00	30.90 -0.44 0.00	34.50 -0.49 0.00	33.75 -0.62 0.00	31.02 -0.76 0.00	27.11 -0.84 0.00	22.60 -0.71 -0.56	22.14 -0.64 -0.67	21.76 -0.61 -0.64	20.80 -0.58 -0.60	20.56 -0.62 -0.66	21.19 -0.65 -0.74	24.74 -0.69 -0.73	37.36 -1.02 -0.63	45.34 -1.11 1.72	58.11 -0.95 0.49	65.66 -0.92 -0.59	55.75 -0.85 0.00	46.24 -0.56 0.00	36.43 -0.48 0.00
LINDEN COGEN____ 23786	39.95 2.22 -7.75	36.14 2.22 -3.85	35.28 2.03 -3.83	33.14 2.05 -2.23	33.14 2.02 0.00	33.57 2.23 0.00	37.37 2.38 0.00	36.95 2.58 0.00	34.29 2.51 0.00	30.41 2.46 0.00	32.31 2.09 -7.47	33.04 2.08 -8.84	32.30 2.11 -8.47	30.75 2.04 -7.94	31.14 1.93 -8.69	32.76 1.88 -9.79	36.43 2.10 -9.62	49.26 3.25 -8.26	54.36 4.24 -1.96	65.24 5.12 -0.56	71.21 5.08 -0.15	60.96 4.36 0.00	49.51 2.71 0.00	38.86 1.95 0.00
LINDHRST_69_KV_BK1 356055	40.77 3.03 -7.76	36.99 3.07 -3.86	36.15 2.88 -3.84	33.96 2.86 -2.24	34.05 2.92 -0.01	34.46 3.10 -0.01	38.39 3.39 -0.01	37.92 3.54 -0.01	35.12 3.34 -0.01	31.06 3.10 -0.01	32.82 2.59 -7.48	39.81 2.57 -15.12	39.71 2.56 -15.42	32.19 2.45 -8.96	33.97 2.38 -11.07	33.37 2.43 -9.84	44.91 2.67 -17.54	51.55 4.11 -9.68	55.29 5.15 -1.97	66.38 6.25 -0.57	72.68 6.53 -0.16	62.04 5.43 -0.01	50.93 4.12 -0.01	39.98 3.06 -0.01
LIPA_MISC_IPP 23656	40.77 3.03 -7.76	36.96 3.04 -3.86	36.11 2.85 -3.83	33.95 2.86 -2.24	34.08 2.96 -0.01	34.49 3.13 -0.01	38.39 3.39 -0.01	37.99 3.61 -0.01	35.16 3.37 -0.01	31.14 3.19 -0.01	32.91 2.68 -7.48	39.27 2.63 -14.52	39.13 2.65 -14.75	32.18 2.53 -8.87	33.81 2.44 -10.84	33.43 2.49 -9.84	44.18 2.69 -16.78	51.49 4.19 -9.55	55.19 5.06 -1.97	66.44 6.31 -0.57	72.74 6.60 -0.15	62.10 5.49 -0.01	51.07 4.26 -0.01	40.13 3.21 -0.01

LISF___SOLAR 323691	40.83 3.09 -7.76	37.05 3.13 -3.86	36.17 2.91 -3.84	34.01 2.91 -2.24	34.14 3.02 -0.01	34.55 3.20 -0.01	38.46 3.46 -0.01	38.06 3.68 -0.01	35.19 3.40 -0.01	31.17 3.21 -0.01	32.93 2.71 -7.48	39.28 2.63 -14.53	39.16 2.67 -14.76	32.18 2.58 -8.83	33.79 2.46 -10.81	33.34 2.45 -9.80	44.17 2.72 -16.74	51.52 4.23 -9.55	55.29 5.16 -1.97	66.56 6.43 -0.57	72.88 6.73 -0.15	62.21 5.60 -0.01	51.07 4.26 -0.01	40.20 3.28 -0.01
LITTLE FALLS___HYD 24013	29.95 -0.03 0.00	30.03 -0.03 0.00	29.34 -0.09 0.00	28.68 -0.17 0.00	30.96 -0.16 0.00	31.25 -0.09 0.00	34.92 -0.07 0.00	34.33 -0.03 0.00	31.71 -0.06 0.00	27.81 -0.14 0.00	22.63 -0.11 0.00	21.99 -0.13 0.00	21.51 -0.22 0.00	20.51 -0.27 0.00	20.15 -0.37 0.00	20.65 -0.44 0.00	24.21 -0.49 0.00	37.11 -0.64 0.00	47.58 -0.58 0.00	59.08 -0.48 0.00	65.46 -0.53 0.00	56.20 -0.40 0.00	46.75 -0.05 0.00	36.94 0.04 0.00
LITTLRIV_115KV_TB1 356100	29.25 -0.87 -0.13	29.29 -0.84 -0.07	28.70 -0.79 -0.07	28.12 -0.78 -0.04	30.31 -0.81 0.00	30.40 -0.94 0.00	34.05 -0.94 0.00	33.20 -1.17 0.00	30.67 -1.11 0.00	26.83 -1.12 0.00	21.91 -0.96 -0.13	21.41 -0.86 -0.15	20.98 -0.89 -0.14	20.02 -0.89 -0.13	19.81 -0.86 -0.15	20.48 -0.78 -0.17	24.06 -0.82 -0.16	36.42 -1.47 -0.14	46.86 -1.30 0.00	58.12 -1.43 0.00	65.36 -0.73 -0.10	55.75 -0.85 0.00	46.33 -0.47 0.00	36.46 -0.44 0.00
LI_NEWBRDGE___DRP 323616	40.32 2.58 -7.76	36.48 2.56 -3.86	35.70 2.44 -3.83	33.49 2.40 -2.24	33.52 2.40 -0.01	33.95 2.60 -0.01	37.87 2.87 -0.01	37.33 2.96 -0.01	34.65 2.86 -0.01	30.64 2.68 -0.01	32.41 2.18 -7.48	38.47 2.17 -14.18	38.30 2.19 -14.38	31.67 2.08 -8.81	33.27 2.03 -10.72	32.96 2.03 -9.84	43.28 2.22 -16.35	50.62 3.40 -9.47	54.51 4.38 -1.97	65.37 5.24 -0.57	71.55 5.41 -0.15	60.97 4.36 -0.01	50.08 3.28 -0.01	39.31 2.40 -0.01
LOCKPORT_115KV_TB60_63_64 80432	27.75 -2.76 -0.53	27.55 -2.77 -0.26	26.88 -2.80 -0.25	26.26 -2.74 -0.14	28.50 -2.61 0.01	28.67 -2.66 0.01	31.72 -3.25 0.01	31.34 -3.02 0.00	28.46 -3.30 0.01	24.97 -2.96 0.01	20.82 -2.43 -0.51	20.20 -2.52 -0.60	19.85 -2.46 -0.58	19.03 -2.29 -0.54	18.75 -2.36 -0.59	19.45 -2.32 -0.67	22.38 -2.99 -0.66	29.82 -4.49 3.44	35.57 -5.68 6.91	50.27 -7.15 2.13	57.09 -8.18 0.72	50.19 -6.40 0.02	42.10 -4.68 0.02	33.99 -2.92 0.00
LOCKPORT___CC1 323769	27.78 -2.73 -0.53	27.55 -2.77 -0.26	26.91 -2.77 -0.25	26.32 -2.68 -0.14	28.50 -2.61 0.01	28.67 -2.66 0.01	31.76 -3.22 0.01	31.38 -2.99 0.00	28.49 -3.27 0.01	25.03 -2.91 0.01	20.86 -2.39 -0.51	20.22 -2.50 -0.60	19.89 -2.41 -0.58	19.06 -2.26 -0.54	18.82 -2.30 -0.60	19.49 -2.28 -0.67	22.43 -2.94 -0.66	29.51 -4.45 3.79	35.49 -5.68 6.99	50.31 -7.09 2.15	57.55 -7.72 0.72	50.25 -6.34 0.02	42.15 -4.63 0.02	34.06 -2.84 0.00
LOCKPORT___CC2 323770	27.78 -2.73 -0.53	27.55 -2.77 -0.26	26.91 -2.77 -0.25	26.32 -2.68 -0.14	28.50 -2.61 0.01	28.67 -2.66 0.01	31.76 -3.22 0.01	31.38 -2.99 0.00	28.49 -3.27 0.01	25.03 -2.91 0.01	20.86 -2.39 -0.51	20.22 -2.50 -0.60	19.89 -2.41 -0.58	19.06 -2.26 -0.54	18.82 -2.30 -0.60	19.49 -2.28 -0.67	22.43 -2.94 -0.66	29.51 -4.45 3.79	35.49 -5.68 6.99	50.31 -7.09 2.15	57.55 -7.72 0.72	50.25 -6.34 0.02	42.15 -4.63 0.02	34.06 -2.84 0.00
LOCKPORT___CC3 323771	27.78 -2.73 -0.53	27.55 -2.77 -0.26	26.91 -2.77 -0.25	26.32 -2.68 -0.14	28.50 -2.61 0.01	28.67 -2.66 0.01	31.76 -3.22 0.01	31.38 -2.99 0.00	28.49 -3.27 0.01	25.03 -2.91 0.01	20.86 -2.39 -0.51	20.22 -2.50 -0.60	19.89 -2.41 -0.58	19.06 -2.26 -0.54	18.82 -2.30 -0.60	19.49 -2.28 -0.67	22.43 -2.94 -0.66	29.51 -4.45 3.79	35.49 -5.68 6.99	50.31 -7.09 2.15	57.55 -7.72 0.72	50.25 -6.34 0.02	42.15 -4.63 0.02	34.06 -2.84 0.00
LOCUSVLY_69_KV_BK2 55797	40.50 2.76 -7.76	36.69 2.77 -3.86	35.88 2.62 -3.84	33.70 2.60 -2.25	33.77 2.64 -0.01	34.18 2.82 -0.01	38.08 3.08 -0.01	37.61 3.23 -0.01	34.84 3.05 -0.01	30.84 2.88 -0.01	32.64 2.41 -7.48	41.51 2.39 -17.00	41.61 2.39 -17.50	32.32 2.29 -9.25	34.50 2.22 -11.76	33.18 2.24 -9.84	47.09 2.50 -19.89	51.67 3.81 -10.11	55.00 4.86 -1.97	65.97 5.84 -0.58	72.08 5.94 -0.16	61.59 4.98 -0.01	50.51 3.70 -0.01	39.61 2.69 -0.01
LONG_LAKE_PHOENIX 24014	30.05 -0.57 -0.64	29.81 -0.57 -0.32	29.18 -0.56 -0.32	28.46 -0.58 -0.18	30.56 -0.56 0.00	30.75 -0.60 0.00	34.33 -0.66 0.00	33.68 -0.69 0.00	31.02 -0.76 0.00	27.25 -0.70 0.00	22.77 -0.59 -0.61	22.27 -0.58 -0.73	21.88 -0.54 -0.69	20.91 -0.52 -0.65	20.70 -0.53 -0.72	21.36 -0.55 -0.81	24.86 -0.64 -0.79	37.45 -0.98 -0.68	44.90 -1.40 1.87	57.41 -1.61 0.54	65.15 -1.78 -0.94	55.07 -1.53 0.00	45.63 -1.17 0.00	35.98 -0.92 0.00
LOVETT___3 23632	39.54 1.98 -7.58	35.85 2.01 -3.77	35.02 1.85 -3.74	32.89 1.85 -2.19	32.95 1.84 0.00	33.35 2.01 0.00	37.13 2.13 0.00	36.67 2.30 0.00	33.94 2.16 0.00	30.02 2.07 0.00	31.82 1.77 -7.31	32.54 1.77 -8.65	31.79 1.78 -8.28	30.34 1.77 -7.80	30.76 1.70 -8.54	32.44 1.73 -9.62	36.06 1.90 -9.45	48.87 2.98 -8.14	54.08 3.85 -2.06	64.85 4.70 -0.59	70.89 4.75 -0.15	60.56 3.96 0.00	49.51 2.71 0.00	38.82 1.92 0.00
LOVETT___4 23642	39.54 1.98 -7.58	35.85 2.01 -3.77	35.02 1.85 -3.74	32.89 1.85 -2.19	32.95 1.84 0.00	33.35 2.01 0.00	37.13 2.13 0.00	36.67 2.30 0.00	33.94 2.16 0.00	30.02 2.07 0.00	31.82 1.77 -7.31	32.54 1.77 -8.65	31.79 1.78 -8.28	30.34 1.77 -7.80	30.76 1.70 -8.54	32.44 1.73 -9.62	36.06 1.90 -9.45	48.87 2.98 -8.14	54.08 3.85 -2.06	64.85 4.70 -0.59	70.89 4.75 -0.15	60.56 3.96 0.00	49.51 2.71 0.00	38.82 1.92 0.00
LOVETT___5 23593	39.54 1.98 -7.58	35.85 2.01 -3.77	35.02 1.85 -3.74	32.89 1.85 -2.19	32.95 1.84 0.00	33.35 2.01 0.00	37.13 2.13 0.00	36.67 2.30 0.00	33.94 2.16 0.00	30.02 2.07 0.00	31.82 1.77 -7.31	32.54 1.77 -8.65	31.79 1.78 -8.28	30.34 1.77 -7.80	30.76 1.70 -8.54	32.44 1.73 -9.62	36.06 1.90 -9.45	48.87 2.98 -8.14	54.08 3.85 -2.06	64.85 4.70 -0.59	70.89 4.75 -0.15	60.56 3.96 0.00	49.51 2.71 0.00	38.82 1.92 0.00
LOWER RAQUET___HYD 24057	28.92 -1.20 -0.14	28.96 -1.17 -0.07	28.35 -1.15 -0.07	27.83 -1.07 -0.04	29.97 -1.15 0.00	30.03 -1.32 0.00	33.66 -1.33 0.00	32.82 -1.55 0.00	30.38 -1.40 0.00	26.61 -1.34 0.00	21.74 -1.14 -0.13	21.26 -1.02 -0.16	20.81 -1.06 -0.15	19.88 -1.04 -0.14	19.65 -1.03 -0.16	20.35 -0.93 -0.18	23.87 -1.01 -0.17	36.01 -1.89 -0.15	46.28 -1.88 0.00	57.29 -2.26 0.00	64.25 -1.85 -0.11	54.90 -1.70 0.00	45.77 -1.03 0.00	36.02 -0.89 0.00
LOWER___HUDSON 24059	40.25 1.38 -8.88	35.86 1.38 -4.42	35.14 1.33 -4.39	32.72 1.30 -2.56	32.45 1.34 0.00	32.72 1.38 0.00	36.53 1.54 0.00	35.88 1.51 0.00	33.05 1.27 0.00	29.10 1.15 0.00	32.23 0.93 -8.56	33.13 0.89 -10.13	32.27 0.85 -9.70	30.70 0.79 -9.13	31.32 0.80 -10.00	33.18 0.82 -11.26	36.77 0.99 -11.07	48.91 1.66 -9.50	50.38 2.22 0.00	62.35 2.80 0.00	68.63 2.64 0.00	58.98 2.38 0.00	48.67 1.87 0.00	38.34 1.44 0.00

LOWVILLE_115KV_TB2 356335	29.28 -1.05 -0.34	29.21 -1.02 -0.17	28.71 -0.88 -0.17	28.26 -0.69 -0.10	30.53 -0.59 0.00	30.97 -0.38 0.00	34.71 -0.28 0.00	33.78 -0.58 0.00	30.98 -0.79 0.00	26.78 -1.17 0.00	22.02 -1.05 -0.33	21.53 -0.97 -0.39	21.12 -0.98 -0.37	20.15 -0.98 -0.35	19.79 -1.11 -0.38	20.35 -1.18 -0.43	23.90 -1.24 -0.42	36.42 -1.70 -0.36	47.82 -0.34 0.00	59.79 0.24 0.00	66.84 0.59 -0.25	57.00 0.40 0.00	47.22 0.42 0.00	37.05 0.15 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	40.57 1.59 -9.00	36.13 1.59 -4.47	35.43 1.56 -4.44	32.92 1.47 -2.59	32.67 1.56 0.00	32.94 1.60 0.00	36.78 1.78 0.00	36.02 1.65 0.00	33.11 1.33 0.00	29.10 1.15 0.00	32.28 0.89 -8.65	33.18 0.82 -10.24	32.29 0.76 -9.81	30.72 0.71 -9.24	31.35 0.72 -10.11	33.29 0.80 -11.39	36.87 0.96 -11.19	49.17 1.81 -9.61	50.62 2.46 0.00	62.83 3.28 0.00	69.42 3.43 0.00	59.49 2.89 0.00	49.09 2.29 0.00	38.60 1.70 0.00
LUTHERNY_35_KV_BK2 355980	40.60 1.62 -9.00	36.13 1.59 -4.47	35.43 1.56 -4.44	32.95 1.50 -2.59	32.67 1.56 0.00	32.94 1.60 0.00	36.81 1.82 0.00	36.05 1.68 0.00	33.14 1.37 0.00	29.12 1.17 0.00	32.31 0.91 -8.65	33.18 0.82 -10.24	32.32 0.78 -9.81	30.72 0.71 -9.24	31.35 0.72 -10.11	33.29 0.80 -11.39	36.89 0.99 -11.19	49.17 1.81 -9.61	50.62 2.46 0.00	62.89 3.33 0.00	69.42 3.43 0.00	59.49 2.89 0.00	49.14 2.34 0.00	38.60 1.70 0.00
LWR__OSWEGATCHIE_HYD 23850	28.91 -1.32 -0.25	28.89 -1.29 -0.12	28.34 -1.21 -0.12	27.83 -1.10 -0.07	30.03 -1.09 0.00	30.21 -1.13 0.00	33.87 -1.12 0.00	32.99 -1.37 0.00	30.38 -1.40 0.00	26.44 -1.51 0.00	21.66 -1.32 -0.24	21.20 -1.19 -0.28	20.78 -1.22 -0.27	19.84 -1.18 -0.25	19.56 -1.23 -0.28	20.18 -1.22 -0.31	23.70 -1.31 -0.30	35.94 -2.08 -0.26	46.57 -1.59 0.00	58.00 -1.55 0.00	65.01 -1.19 -0.21	55.52 -1.08 0.00	46.14 -0.66 0.00	36.28 -0.63 0.00
LYONS_FALL_HYD 23570	29.78 -0.54 -0.34	29.72 -0.51 -0.17	29.15 -0.44 -0.17	28.64 -0.32 -0.10	30.90 -0.22 0.00	31.28 -0.06 0.00	35.06 0.07 0.00	34.16 -0.20 0.00	31.36 -0.41 0.00	27.20 -0.75 0.00	22.39 -0.68 -0.32	21.88 -0.62 -0.38	21.48 -0.61 -0.37	20.50 -0.62 -0.35	20.20 -0.70 -0.38	20.76 -0.76 -0.43	24.36 -0.77 -0.42	37.13 -0.98 -0.36	48.21 0.05 0.00	60.21 0.66 0.00	67.12 0.92 -0.21	57.33 0.73 0.00	47.45 0.65 0.00	37.24 0.33 0.00
MADISON__COUNTY_LFGE 323628	30.92 0.45 -0.49	30.76 0.45 -0.24	30.14 0.47 -0.24	29.43 0.43 -0.14	31.65 0.53 0.00	31.91 0.56 0.00	35.66 0.66 0.00	34.92 0.55 0.00	32.10 0.32 0.00	28.03 0.08 0.00	23.21 0.00 -0.47	22.70 0.02 -0.56	22.30 0.04 -0.53	21.32 0.04 -0.50	21.09 0.02 -0.55	21.70 -0.02 -0.62	25.39 0.07 -0.61	38.54 0.26 -0.52	48.93 0.77 0.00	60.86 1.31 0.00	67.70 1.52 -0.19	57.85 1.25 0.00	47.78 0.98 0.00	37.61 0.70 0.00
MALONE__115KV_TB1 356076	29.47 -0.51 0.00	29.55 -0.51 0.00	28.93 -0.50 0.00	28.39 -0.46 0.00	30.68 -0.44 0.00	30.94 -0.41 0.00	34.71 -0.28 0.00	33.96 -0.41 0.00	31.43 -0.35 0.00	27.61 -0.34 0.00	22.40 -0.34 0.00	21.85 -0.27 0.00	21.40 -0.33 0.00	20.47 -0.31 0.00	20.25 -0.27 0.00	20.84 -0.25 0.00	24.49 -0.22 0.00	37.37 -0.38 0.00	47.97 -0.19 0.00	59.31 -0.24 0.00	66.52 0.53 0.00	56.71 0.11 0.00	46.99 0.19 0.00	37.02 0.11 0.00
MAPLEWOD_115KV_TB3 80458	40.01 1.20 -8.83	35.65 1.20 -4.39	34.96 1.18 -4.36	32.53 1.13 -2.54	32.27 1.15 0.00	32.53 1.19 0.00	36.32 1.33 0.00	35.68 1.31 0.00	32.89 1.11 0.00	28.96 1.01 0.00	32.07 0.82 -8.50	32.96 0.77 -10.07	32.10 0.74 -9.64	30.56 0.71 -9.08	31.16 0.70 -9.94	33.05 0.76 -11.19	36.57 0.86 -11.00	48.63 1.43 -9.44	50.09 1.93 0.00	61.94 2.38 0.00	68.30 2.31 0.00	58.58 1.98 0.00	48.39 1.59 0.00	38.12 1.22 0.00
MAPLE_RIDGE_WT_1 323574	29.18 -0.81 0.00	29.25 -0.81 0.00	28.66 -0.77 0.00	28.14 -0.72 0.00	30.37 -0.75 0.00	30.65 -0.69 0.00	34.29 -0.70 0.00	33.72 -0.65 0.00	31.17 -0.60 0.00	27.39 -0.56 0.00	22.24 -0.50 0.00	21.61 -0.51 0.00	21.20 -0.52 0.00	20.26 -0.52 0.00	20.01 -0.51 0.00	20.57 -0.53 0.00	24.11 -0.59 0.00	36.84 -0.91 0.00	47.15 -1.01 0.00	58.42 -1.13 0.00	64.80 -1.19 0.00	55.52 -1.08 0.00	45.91 -0.89 0.00	36.20 -0.70 0.00
MAPLE_RIDGE_WT_2 323611	29.18 -0.81 0.00	29.25 -0.81 0.00	28.66 -0.77 0.00	28.14 -0.72 0.00	30.37 -0.75 0.00	30.65 -0.69 0.00	34.29 -0.70 0.00	33.72 -0.65 0.00	31.17 -0.60 0.00	27.39 -0.56 0.00	22.24 -0.50 0.00	21.61 -0.51 0.00	21.20 -0.52 0.00	20.26 -0.52 0.00	20.01 -0.51 0.00	20.57 -0.53 0.00	24.11 -0.59 0.00	36.84 -0.91 0.00	47.15 -1.01 0.00	58.42 -1.13 0.00	64.80 -1.19 0.00	55.52 -1.08 0.00	45.91 -0.89 0.00	36.20 -0.70 0.00
MARBLE_RIVER_WT_PWR 323696	29.20 -0.78 0.00	29.28 -0.78 0.00	28.66 -0.77 0.00	28.16 -0.69 0.00	30.40 -0.71 0.00	30.65 -0.69 0.00	34.29 -0.70 0.00	33.61 -0.76 0.00	31.17 -0.60 0.00	27.39 -0.56 0.00	22.24 -0.50 0.00	21.65 -0.47 0.00	21.23 -0.50 0.00	20.30 -0.48 0.00	20.07 -0.45 0.00	20.65 -0.44 0.00	24.24 -0.47 0.00	37.00 -0.75 0.00	47.39 -0.77 0.00	58.60 -0.96 0.00	65.39 -0.60 0.00	56.03 -0.57 0.00	46.42 -0.38 0.00	36.61 -0.30 0.00
MARSHVLE_115KV_TB1 80742	41.89 1.83 -10.07	36.88 1.80 -5.01	36.17 1.77 -4.98	33.41 1.64 -2.90	32.86 1.74 0.00	33.16 1.82 0.00	37.23 2.24 0.00	36.33 1.96 0.00	32.61 0.83 0.00	28.40 0.45 0.00	32.41 0.25 -9.42	33.43 0.20 -11.11	32.48 0.11 -10.64	30.89 0.08 -10.03	31.64 0.14 -10.98	33.60 0.15 -12.36	37.40 0.54 -12.15	50.03 1.93 -10.35	52.87 2.65 -2.06	64.08 3.93 -0.59	70.36 4.22 -0.15	60.06 3.45 0.00	49.66 2.85 0.00	38.94 2.03 0.00
MARSH_HILL_WT_PWR 323713	29.07 -1.44 -0.52	28.81 -1.50 -0.25	28.26 -1.41 -0.24	27.60 -1.38 -0.13	29.67 -1.43 0.01	29.89 -1.44 0.01	33.47 -1.50 0.02	32.99 -1.38 0.00	30.14 -1.62 0.02	26.39 -1.54 0.02	21.91 -1.34 -0.51	21.24 -1.48 -0.60	20.78 -1.52 -0.58	19.86 -1.45 -0.54	19.55 -1.56 -0.59	19.97 -1.79 -0.67	23.47 -1.90 -0.66	58.57 -2.42 -23.24	33.20 -2.45 12.50	53.86 -2.38 3.31	62.83 -2.77 0.39	54.48 -2.09 0.03	44.81 -1.96 0.03	35.61 -1.29 0.00
MCINTYRE_115KV_TB2 80467	29.59 -0.51 -0.12	29.64 -0.48 -0.06	29.01 -0.47 -0.06	28.43 -0.46 -0.03	30.65 -0.47 0.00	30.78 -0.56 0.00	34.50 -0.49 0.00	33.58 -0.79 0.00	31.02 -0.76 0.00	27.14 -0.81 0.00	22.13 -0.73 -0.11	21.63 -0.62 -0.13	21.18 -0.67 -0.13	20.23 -0.66 -0.12	20.02 -0.64 -0.13	20.68 -0.57 -0.15	24.29 -0.57 -0.15	36.86 -1.02 -0.13	47.49 -0.67 0.00	58.96 -0.60 0.00	66.28 0.20 -0.09	56.54 -0.06 0.00	46.94 0.14 0.00	36.94 0.04 0.00
MECO____69_KV_BK1 80468	41.65 2.04 -9.63	36.86 2.01 -4.79	36.15 1.97 -4.75	33.48 1.85 -2.77	33.08 1.96 0.00	33.35 2.01 0.00	37.34 2.34 0.00	36.33 1.96 0.00	32.73 0.95 0.00	28.54 0.59 0.00	32.26 0.36 -9.15	33.15 0.29 -10.75	32.23 0.22 -10.29	30.64 0.17 -9.69	31.36 0.23 -10.61	33.34 0.30 -11.95	37.14 0.69 -11.74	49.76 1.93 -10.08	52.88 2.94 -1.78	64.53 4.47 -0.51	70.94 4.82 -0.13	60.56 3.96 0.00	49.98 3.18 0.00	39.19 2.29 0.00

MENANDS__115KV_TB5 355628	39.88 1.08 -8.81	35.56 1.11 -4.38	34.84 1.06 -4.35	32.44 1.04 -2.54	32.17 1.06 0.00	32.44 1.10 0.00	36.22 1.22 0.00	35.57 1.20 0.00	32.83 1.05 0.00	28.90 0.95 0.00	32.01 0.77 -8.49	32.90 0.73 -10.05	32.07 0.72 -9.62	30.53 0.69 -9.07	31.12 0.68 -9.93	32.99 0.72 -11.18	36.51 0.82 -10.99	48.50 1.32 -9.43	49.90 1.73 0.00	61.70 2.14 0.00	67.97 1.98 0.00	58.35 1.75 0.00	48.16 1.36 0.00	37.98 1.07 0.00
MG INDUSTRY__DRP 24185	39.78 1.11 -8.68	35.49 1.11 -4.32	34.80 1.09 -4.29	32.40 1.04 -2.50	32.27 1.15 0.00	32.50 1.16 0.00	36.25 1.26 0.00	35.54 1.17 0.00	32.73 0.95 0.00	28.79 0.84 0.00	31.73 0.61 -8.37	32.61 0.58 -9.91	31.78 0.56 -9.49	30.24 0.52 -8.94	30.84 0.53 -9.79	32.71 0.59 -11.02	36.21 0.67 -10.83	48.22 1.17 -9.30	49.85 1.69 0.00	61.76 2.20 0.00	68.16 2.18 0.00	58.47 1.87 0.00	48.30 1.50 0.00	38.05 1.14 0.00
MID__OSWEGATCHIE_HYD 23849	28.91 -1.32 -0.25	28.89 -1.29 -0.12	28.34 -1.21 -0.12	27.83 -1.10 -0.07	30.03 -1.09 0.00	30.21 -1.13 0.00	33.87 -1.12 0.00	32.99 -1.37 0.00	30.38 -1.40 0.00	26.44 -1.51 0.00	21.66 -1.32 -0.24	21.20 -1.19 -0.28	20.78 -1.22 -0.27	19.84 -1.18 -0.25	19.56 -1.23 -0.28	20.18 -1.22 -0.31	23.70 -1.31 -0.30	35.94 -2.08 -0.26	46.57 -1.59 0.00	58.00 -1.55 0.00	65.01 -1.19 -0.21	55.52 -1.08 0.00	46.14 -0.66 0.00	36.28 -0.63 0.00
MID__RAQUETTE_HYD 23851	28.92 -1.20 -0.14	28.96 -1.17 -0.07	28.38 -1.12 -0.07	27.83 -1.07 -0.04	29.97 -1.15 0.00	30.03 -1.32 0.00	33.66 -1.33 0.00	32.82 -1.55 0.00	30.38 -1.40 0.00	26.61 -1.34 0.00	21.74 -1.14 -0.13	21.26 -1.02 -0.16	20.81 -1.06 -0.15	19.88 -1.04 -0.14	19.67 -1.01 -0.16	20.35 -0.93 -0.18	23.87 -1.01 -0.17	36.01 -1.89 -0.15	46.28 -1.88 0.00	57.29 -2.26 0.00	64.32 -1.78 -0.11	54.90 -1.70 0.00	45.72 -1.08 0.00	36.02 -0.89 0.00
MILLIKEN__1 23584	31.94 0.57 -1.39	31.32 0.57 -0.69	30.67 0.56 -0.68	29.77 0.52 -0.40	31.74 0.62 0.00	31.94 0.60 0.00	35.69 0.70 0.00	34.95 0.58 0.00	32.06 0.29 0.00	28.11 0.17 0.00	24.14 0.07 -1.33	23.71 0.02 -1.57	23.27 0.04 -1.50	22.21 0.02 -1.41	22.11 0.04 -1.55	22.86 0.02 -1.74	26.52 0.10 -1.71	41.43 0.38 -3.30	43.89 0.63 4.90	59.47 1.13 1.21	67.55 1.25 -0.31	57.67 1.08 0.01	47.64 0.84 0.01	37.53 0.63 0.00
MILLIKEN__2 23585	31.94 0.57 -1.39	31.32 0.57 -0.69	30.67 0.56 -0.68	29.77 0.52 -0.40	31.74 0.62 0.00	31.94 0.60 0.00	35.69 0.70 0.00	34.95 0.58 0.00	32.06 0.29 0.00	28.11 0.17 0.00	24.14 0.07 -1.33	23.71 0.02 -1.57	23.27 0.04 -1.50	22.21 0.02 -1.41	22.11 0.04 -1.55	22.86 0.02 -1.74	26.52 0.10 -1.71	41.43 0.38 -3.30	43.89 0.63 4.90	59.47 1.13 1.21	67.55 1.25 -0.31	57.67 1.08 0.01	47.64 0.84 0.01	37.53 0.63 0.00
MILLIKEN__DIESEL 23629	31.94 0.57 -1.39	31.32 0.57 -0.69	30.67 0.56 -0.68	29.77 0.52 -0.40	31.74 0.62 0.00	31.94 0.60 0.00	35.69 0.70 0.00	34.95 0.58 0.00	32.06 0.29 0.00	28.11 0.17 0.00	24.14 0.07 -1.33	23.71 0.02 -1.57	23.27 0.04 -1.50	22.21 0.02 -1.41	22.11 0.04 -1.55	22.86 0.02 -1.74	26.52 0.10 -1.71	41.43 0.38 -3.30	43.89 0.63 4.90	59.47 1.13 1.21	67.55 1.25 -0.31	57.67 1.08 0.01	47.64 0.84 0.01	37.53 0.63 0.00
MILLSEAT__LFGE 323607	28.30 -2.22 -0.53	28.06 -2.26 -0.26	27.42 -2.27 -0.26	26.78 -2.22 -0.14	29.03 -2.08 0.01	29.20 -2.13 0.01	32.42 -2.55 0.01	31.96 -2.41 0.00	28.97 -2.80 0.01	25.42 -2.52 0.01	21.14 -2.11 -0.51	20.52 -2.21 -0.61	20.16 -2.15 -0.58	19.29 -2.04 -0.55	19.07 -2.05 -0.60	19.77 -2.00 -0.68	22.78 -2.59 -0.67	31.17 -3.81 2.77	36.82 -4.72 6.62	51.71 -5.78 2.07	59.12 -6.13 0.73	51.55 -5.04 0.01	43.14 -3.65 0.01	34.73 -2.18 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	39.82 2.10 -7.74	36.01 2.10 -3.85	35.22 1.97 -3.82	33.05 1.96 -2.23	33.08 1.96 0.00	33.44 2.10 0.00	37.27 2.27 0.00	36.81 2.44 0.00	34.07 2.29 0.00	30.16 2.21 0.00	32.09 1.89 -7.46	32.81 1.86 -8.83	32.05 1.87 -8.45	30.55 1.81 -7.96	31.00 1.76 -8.72	32.67 1.75 -9.82	36.31 1.95 -9.65	49.08 3.06 -8.27	54.13 4.00 -1.97	64.94 4.82 -0.57	71.02 4.88 -0.15	60.73 4.13 0.00	49.61 2.81 0.00	38.86 1.96 0.00
MILLWOOD_13_KV_LOAD 356217	39.88 2.16 -7.74	36.07 2.16 -3.85	35.28 2.03 -3.82	33.11 2.02 -2.23	33.11 1.99 0.00	33.51 2.16 0.00	37.34 2.34 0.00	36.84 2.47 0.00	34.13 2.35 0.00	30.19 2.24 0.00	32.11 1.91 -7.46	32.83 1.88 -8.83	32.07 1.89 -8.45	30.57 1.83 -7.96	31.02 1.79 -8.72	32.71 1.79 -9.82	36.33 1.98 -9.65	49.15 3.13 -8.27	54.22 4.09 -1.97	65.06 4.94 -0.57	71.08 4.95 -0.15	60.85 4.25 0.00	49.65 2.85 0.00	38.94 2.03 0.00
MODEL_CITY_ENERGY 24167	27.51 -3.00 -0.53	27.31 -3.01 -0.25	26.62 -3.06 -0.25	26.05 -2.94 -0.14	28.28 -2.83 0.01	28.45 -2.88 0.01	31.44 -3.53 0.01	31.07 -3.30 0.00	28.21 -3.56 0.01	24.78 -3.16 0.01	20.66 -2.59 -0.51	20.05 -2.68 -0.60	19.72 -2.59 -0.58	18.91 -2.41 -0.54	18.65 -2.46 -0.60	19.34 -2.43 -0.67	22.23 -3.14 -0.66	29.33 -4.76 3.66	35.06 -6.02 7.08	49.70 -7.68 2.17	56.83 -8.45 0.71	49.62 -6.96 0.02	41.68 -5.10 0.02	33.73 -3.17 0.00
MODERN_LFGE__ 323580	27.51 -3.00 -0.53	27.31 -3.01 -0.25	26.62 -3.06 -0.25	26.05 -2.94 -0.14	28.28 -2.83 0.01	28.45 -2.88 0.01	31.44 -3.53 0.01	31.07 -3.30 0.00	28.21 -3.56 0.01	24.78 -3.16 0.01	20.66 -2.59 -0.51	20.05 -2.68 -0.60	19.72 -2.59 -0.58	18.91 -2.41 -0.54	18.65 -2.46 -0.60	19.34 -2.43 -0.67	22.23 -3.14 -0.66	29.33 -4.76 3.66	35.06 -6.02 7.08	49.70 -7.68 2.17	56.83 -8.45 0.71	49.62 -6.96 0.02	41.68 -5.10 0.02	33.73 -3.17 0.00
MOHAWK_PAPER__DRP 24187	40.01 1.20 -8.83	35.65 1.20 -4.39	34.96 1.18 -4.36	32.53 1.13 -2.54	32.27 1.15 0.00	32.53 1.19 0.00	36.32 1.33 0.00	35.68 1.31 0.00	32.89 1.11 0.00	28.96 1.01 0.00	32.07 0.82 -8.50	32.96 0.77 -10.07	32.10 0.74 -9.64	30.56 0.71 -9.08	31.16 0.70 -9.94	33.05 0.76 -11.19	36.57 0.86 -11.00	48.63 1.43 -9.44	50.09 1.93 0.00	61.94 2.38 0.00	68.30 2.31 0.00	58.58 1.98 0.00	48.39 1.59 0.00	38.12 1.22 0.00
MOHICAN__35_KV_115KV_LD 80490	40.75 1.77 -9.00	36.25 1.71 -4.48	35.55 1.68 -4.45	33.07 1.62 -2.59	32.80 1.68 0.00	33.10 1.76 0.00	36.99 1.99 0.00	36.12 1.75 0.00	33.14 1.37 0.00	29.10 1.15 0.00	32.24 0.84 -8.66	33.12 0.75 -10.25	32.23 0.70 -9.81	30.62 0.60 -9.24	31.26 0.62 -10.12	33.23 0.74 -11.39	36.82 0.91 -11.20	49.22 1.85 -9.62	50.76 2.60 0.00	63.19 3.63 0.00	69.88 3.89 0.00	59.77 3.17 0.00	49.37 2.57 0.00	38.71 1.81 0.00
MONGAUP__HYD 23641	39.36 1.98 -7.40	35.76 2.01 -3.68	34.97 1.88 -3.65	32.84 1.85 -2.13	32.95 1.84 0.00	33.29 1.94 0.00	36.92 1.92 0.00	36.33 1.96 0.00	33.50 1.71 0.00	29.63 1.68 0.00	31.25 1.39 -7.12	31.92 1.37 -8.43	31.14 1.35 -8.07	29.75 1.35 -7.63	30.16 1.29 -8.35	31.79 1.29 -9.40	35.46 1.51 -9.24	47.92 2.30 -7.86	53.66 3.28 -2.22	64.48 4.29 -0.64	70.51 4.35 -0.16	60.23 3.63 0.00	49.23 2.43 0.00	38.60 1.70 0.00

MONTAUK___DIESEL 23721	40.11 2.37 -7.76	36.36 2.44 -3.86	35.56 2.30 -3.83	33.49 2.40 -2.24	33.68 2.55 -0.01	34.11 2.76 -0.01	38.04 3.04 -0.01	38.26 3.88 -0.01	35.51 3.72 -0.01	31.59 3.63 -0.01	33.41 3.18 -7.48	39.76 3.12 -14.52	39.61 3.13 -14.76	32.59 2.95 -8.87	34.22 2.85 -10.84	33.79 2.85 -9.84	44.58 3.09 -16.78	51.94 4.64 -9.55	55.91 5.78 -1.97	67.75 7.62 -0.57	74.46 8.31 -0.15	63.74 7.13 -0.01	52.19 5.38 -0.01	41.01 4.10 -0.01
MOONROAD_115KV_HARTFLD_TB1-2 355988	28.20 -2.31 -0.52	28.03 -2.28 -0.25	27.58 -2.09 -0.25	27.00 -1.99 -0.14	28.99 -2.12 0.01	29.33 -2.01 0.01	32.73 -2.24 0.02	32.41 -1.96 0.00	29.73 -2.03 0.02	25.95 -1.98 0.02	21.63 -1.61 -0.50	20.95 -1.77 -0.60	20.47 -1.82 -0.57	19.59 -1.72 -0.53	19.36 -1.74 -0.59	20.09 -1.67 -0.66	23.28 -2.08 -0.65	31.72 -2.76 3.27	36.29 -3.23 8.65	53.47 -3.57 2.51	60.91 -4.42 0.65	53.35 -3.23 0.02	43.88 -2.90 0.02	35.17 -1.73 0.00
MORRIS_RIDGE___SOLAR 323848	28.69 -1.80 -0.51	28.47 -1.83 -0.24	27.90 -1.76 -0.24	27.28 -1.70 -0.13	29.30 -1.81 0.01	29.51 -1.82 0.01	32.91 -2.06 0.02	32.41 -1.96 0.00	29.53 -2.23 0.02	25.86 -2.07 0.02	21.46 -1.77 -0.49	20.80 -1.90 -0.59	20.37 -1.91 -0.56	19.51 -1.79 -0.52	19.19 -1.91 -0.57	19.66 -2.09 -0.65	23.00 -2.35 -0.64	5.05 -3.17 29.53	33.54 -3.56 11.06	52.68 -3.81 3.06	61.00 -4.36 0.63	53.24 -3.34 0.02	43.87 -2.90 0.02	35.13 -1.77 0.00
MORTIMER_115KV_TB3 55949	29.21 -1.32 -0.55	28.98 -1.35 -0.27	28.28 -1.41 -0.26	27.62 -1.39 -0.15	29.90 -1.21 0.00	30.05 -1.29 0.00	33.51 -1.47 0.01	32.99 -1.37 0.00	29.99 -1.78 0.01	26.38 -1.57 0.01	21.95 -1.32 -0.53	21.35 -1.39 -0.62	21.02 -1.30 -0.60	20.09 -1.25 -0.56	19.84 -1.29 -0.61	20.48 -1.31 -0.69	23.73 -1.66 -0.68	36.03 -2.64 -0.92	39.50 -3.42 5.24	53.73 -4.05 1.78	60.91 -4.29 0.79	53.19 -3.40 0.01	44.59 -2.20 0.01	35.61 -1.29 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	40.04 2.31 -7.75	36.23 2.31 -3.85	35.40 2.15 -3.83	33.22 2.14 -2.23	33.26 2.15 0.00	33.66 2.32 0.00	37.44 2.45 0.00	37.02 2.65 0.00	34.32 2.54 0.00	30.41 2.46 0.00	32.33 2.12 -7.47	33.04 2.08 -8.84	32.30 2.11 -8.47	30.75 1.99 -7.98	31.18 1.93 -8.73	32.85 1.92 -9.83	36.50 2.12 -9.66	49.33 3.32 -8.26	54.41 4.29 -1.96	65.30 5.18 -0.56	71.35 5.21 -0.15	61.07 4.47 0.00	49.75 2.95 0.00	38.97 2.07 0.00
MUNSVILLE_WIND_PWR 323609	34.20 1.59 -2.63	32.99 1.62 -1.31	32.40 1.68 -1.30	31.15 1.53 -0.76	32.89 1.77 0.00	33.16 1.82 0.00	37.34 2.34 0.00	36.43 2.06 0.00	33.21 1.43 0.00	28.68 0.73 0.00	25.64 0.43 -2.47	25.55 0.51 -2.92	25.00 0.48 -2.80	23.90 0.48 -2.64	23.82 0.41 -2.89	24.69 0.34 -3.25	28.64 0.74 -3.20	43.22 1.70 -3.77	53.79 2.60 -3.03	64.73 4.17 -1.00	71.35 4.69 -0.67	60.46 3.85 0.00	49.80 3.00 0.00	39.08 2.18 0.00
N SALMON___HYD 24042	29.47 -0.51 0.00	29.55 -0.51 0.00	28.93 -0.50 0.00	28.39 -0.46 0.00	30.68 -0.44 0.00	30.93 -0.41 0.00	34.71 -0.28 0.00	33.96 -0.41 0.00	31.43 -0.35 0.00	27.62 -0.33 0.00	22.40 -0.34 0.00	21.85 -0.26 0.00	21.40 -0.33 0.00	20.47 -0.31 0.00	20.23 -0.29 0.00	20.85 -0.25 0.00	24.48 -0.22 0.00	37.37 -0.38 0.00	47.97 -0.19 0.00	59.32 -0.24 0.00	66.32 0.33 0.00	56.71 0.11 0.00	47.04 0.24 0.00	37.02 0.11 0.00
N.AKRON__115KV_KNAPP 355671	28.27 -2.25 -0.53	28.03 -2.28 -0.26	27.39 -2.30 -0.26	26.75 -2.25 -0.14	28.99 -2.12 0.01	29.17 -2.16 0.01	32.39 -2.59 0.01	31.93 -2.44 0.00	28.94 -2.83 0.01	25.39 -2.54 0.01	21.14 -2.12 -0.51	20.49 -2.23 -0.61	20.13 -2.17 -0.58	19.31 -2.02 -0.54	19.04 -2.07 -0.60	19.72 -2.05 -0.67	22.75 -2.62 -0.66	30.94 -3.89 2.92	36.66 -4.82 6.69	51.57 -5.90 2.09	58.59 -6.66 0.73	51.38 -5.21 0.01	43.09 -3.70 0.01	34.69 -2.21 0.00
N.BELMOR_69_KV_BK1 55787	40.56 2.82 -7.76	36.75 2.83 -3.86	35.94 2.68 -3.84	33.76 2.65 -2.24	33.80 2.68 -0.01	34.21 2.85 -0.01	38.15 3.15 -0.01	37.65 3.27 -0.01	34.90 3.11 -0.01	30.87 2.91 -0.01	32.64 2.41 -7.48	40.97 2.37 -16.48	41.02 2.37 -16.92	32.21 2.26 -9.17	34.29 2.20 -11.57	33.16 2.22 -9.84	46.42 2.47 -19.24	51.51 3.78 -9.99	54.95 4.82 -1.97	65.91 5.78 -0.58	72.15 6.00 -0.16	61.65 5.04 -0.01	50.51 3.70 -0.01	39.65 2.73 -0.01
N.E._GEN_SANDY PD 24062	49.50 1.62 -17.90	41.30 1.62 -9.62	36.40 1.56 -5.42	35.16 1.53 -4.78	39.30 1.59 -6.60	43.70 1.63 -10.73	46.10 1.78 -9.33	42.90 1.82 -6.71	43.40 1.65 -9.97	39.47 1.54 -9.98	39.30 1.27 -15.28	34.50 1.24 -11.14	32.12 1.22 -9.18	30.60 1.18 -8.64	33.30 1.15 -11.63	35.20 1.16 -12.94	40.50 1.36 -14.43	48.51 2.15 -8.60	53.06 2.79 -2.11	63.31 3.33 -0.43	69.20 3.10 -0.11	59.43 2.83 0.00	52.01 2.20 -3.01	45.00 1.66 -6.43
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	39.58 2.04 -7.56	35.87 2.04 -3.76	35.07 1.91 -3.73	32.94 1.90 -2.18	33.01 1.90 0.00	33.38 2.04 0.00	37.16 2.17 0.00	36.71 2.34 0.00	33.97 2.19 0.00	30.05 2.10 0.00	31.83 1.80 -7.29	32.51 1.77 -8.63	31.77 1.78 -8.26	30.32 1.77 -7.78	30.76 1.72 -8.52	32.44 1.75 -9.59	36.06 1.93 -9.43	48.89 3.02 -8.12	54.19 3.95 -2.08	64.97 4.82 -0.60	71.02 4.88 -0.15	60.68 4.08 0.00	49.61 2.81 0.00	38.90 1.99 0.00
N.QUEENS_27_KV_LOAD 356247	39.97 2.25 -7.74	36.19 2.28 -3.84	35.33 2.09 -3.82	33.19 2.11 -2.22	33.19 2.08 0.01	33.44 2.10 0.00	37.20 2.20 0.00	36.81 2.44 0.00	34.26 2.48 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.04 2.08 -8.84	32.34 2.15 -8.47	30.79 2.04 -7.98	31.22 1.97 -8.73	32.85 1.92 -9.83	36.45 2.08 -9.66	49.22 3.21 -8.26	54.31 4.19 -1.96	65.18 5.06 -0.56	71.15 5.02 -0.15	60.79 4.19 0.00	49.37 2.57 0.00	38.67 1.77 0.01
N.TROY___115KV_TB1 355778	40.25 1.38 -8.88	35.83 1.35 -4.42	35.14 1.32 -4.39	32.72 1.30 -2.56	32.45 1.34 0.00	32.72 1.38 0.00	36.53 1.54 0.00	35.88 1.51 0.00	33.05 1.27 0.00	29.10 1.15 0.00	32.23 0.93 -8.56	33.13 0.88 -10.13	32.27 0.85 -9.70	30.70 0.79 -9.14	31.32 0.80 -10.00	33.20 0.84 -11.26	36.77 0.99 -11.07	48.92 1.66 -9.50	50.38 2.22 0.00	62.35 2.80 0.00	68.69 2.71 0.00	58.98 2.38 0.00	48.72 1.92 0.00	38.35 1.44 0.00
NARROWS_GT1_1 24228	40.28 2.55 -7.75	36.48 2.55 -3.86	35.64 2.38 -3.83	33.49 2.39 -2.24	33.49 2.36 -0.01	33.89 2.54 -0.01	37.58 2.59 0.00	37.05 2.68 0.00	34.29 2.51 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.09 2.12 -8.84	32.34 2.15 -8.47	30.79 2.08 -7.94	31.20 1.99 -8.69	32.80 1.92 -9.79	36.48 2.15 -9.62	49.41 3.40 -8.26	54.65 4.53 -1.96	65.66 5.54 -0.56	71.61 5.47 -0.15	61.42 4.81 -0.01	49.94 3.14 -0.01	39.20 2.29 -0.01
NARROWS_GT1_2 24229	40.28 2.55 -7.75	36.48 2.55 -3.86	35.64 2.38 -3.83	33.49 2.39 -2.24	33.49 2.36 -0.01	33.89 2.54 -0.01	37.58 2.59 0.00	37.05 2.68 0.00	34.29 2.51 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.09 2.12 -8.84	32.34 2.15 -8.47	30.79 2.08 -7.94	31.20 1.99 -8.69	32.80 1.92 -9.79	36.48 2.15 -9.62	49.41 3.40 -8.26	54.65 4.53 -1.96	65.66 5.54 -0.56	71.61 5.47 -0.15	61.42 4.81 -0.01	49.94 3.14 -0.01	39.20 2.29 -0.01

NARROWS_GT1_3 24230	40.28	36.48	35.64	33.49	33.49	33.89	37.58	37.05	34.29	30.44	32.35	33.09	32.34	30.79	31.20	32.80	36.48	49.41	54.65	65.66	71.61	61.42	49.94	39.20
	2.55	2.55	2.38	2.39	2.36	2.54	2.59	2.68	2.51	2.49	2.14	2.12	2.15	2.08	1.99	1.92	2.15	3.40	4.53	5.54	5.47	4.81	3.14	2.29
	-7.75	-3.86	-3.83	-2.24	-0.01	-0.01	0.00	0.00	0.00	0.00	-7.47	-8.84	-8.47	-7.94	-8.69	-9.79	-9.62	-8.26	-1.96	-0.56	-0.15	-0.01	-0.01	-0.01
NARROWS_GT1_4 24231	40.28	36.48	35.64	33.49	33.49	33.89	37.58	37.05	34.29	30.44	32.35	33.09	32.34	30.79	31.20	32.80	36.48	49.41	54.65	65.66	71.61	61.42	49.94	39.20
	2.55	2.55	2.38	2.39	2.36	2.54	2.59	2.68	2.51	2.49	2.14	2.12	2.15	2.08	1.99	1.92	2.15	3.40	4.53	5.54	5.47	4.81	3.14	2.29
	-7.75	-3.86	-3.83	-2.24	-0.01	-0.01	0.00	0.00	0.00	0.00	-7.47	-8.84	-8.47	-7.94	-8.69	-9.79	-9.62	-8.26	-1.96	-0.56	-0.15	-0.01	-0.01	-0.01
NARROWS_GT1_5 24232	40.28	36.48	35.64	33.49	33.49	33.89	37.58	37.05	34.29	30.44	32.35	33.09	32.34	30.79	31.20	32.80	36.48	49.41	54.65	65.66	71.61	61.42	49.94	39.20
	2.55	2.55	2.38	2.39	2.36	2.54	2.59	2.68	2.51	2.49	2.14	2.12	2.15	2.08	1.99	1.92	2.15	3.40	4.53	5.54	5.47	4.81	3.14	2.29
	-7.75	-3.86	-3.83	-2.24	-0.01	-0.01	0.00	0.00	0.00	0.00	-7.47	-8.84	-8.47	-7.94	-8.69	-9.79	-9.62	-8.26	-1.96	-0.56	-0.15	-0.01	-0.01	-0.01
NARROWS_GT1_6 24233	40.28	36.48	35.64	33.49	33.49	33.89	37.58	37.05	34.29	30.44	32.35	33.09	32.34	30.79	31.20	32.80	36.48	49.41	54.65	65.66	71.61	61.42	49.94	39.20
	2.55	2.55	2.38	2.39	2.36	2.54	2.59	2.68	2.51	2.49	2.14	2.12	2.15	2.08	1.99	1.92	2.15	3.40	4.53	5.54	5.47	4.81	3.14	2.29
	-7.75	-3.86	-3.83	-2.24	-0.01	-0.01	0.00	0.00	0.00	0.00	-7.47	-8.84	-8.47	-7.94	-8.69	-9.79	-9.62	-8.26	-1.96	-0.56	-0.15	-0.01	-0.01	-0.01
NARROWS_GT1_7 24234	40.28	36.48	35.64	33.49	33.49	33.89	37.58	37.05	34.29	30.44	32.35	33.09	32.34	30.79	31.20	32.80	36.48	49.41	54.65	65.66	71.61	61.42	49.94	39.20
	2.55	2.55	2.38	2.39	2.36	2.54	2.59	2.68	2.51	2.49	2.14	2.12	2.15	2.08	1.99	1.92	2.15	3.40	4.53	5.54	5.47	4.81	3.14	2.29
	-7.75	-3.86	-3.83	-2.24	-0.01	-0.01	0.00	0.00	0.00	0.00	-7.47	-8.84	-8.47	-7.94	-8.69	-9.79	-9.62	-8.26	-1.96	-0.56	-0.15	-0.01	-0.01	-0.01
NARROWS_GT1_8 24235	40.28	36.48	35.64	33.49	33.49	33.89	37.58	37.05	34.29	30.44	32.35	33.09	32.34	30.79	31.20	32.80	36.48	49.41	54.65	65.66	71.61	61.42	49.94	39.20
	2.55	2.55	2.38	2.39	2.36	2.54	2.59	2.68	2.51	2.49	2.14	2.12	2.15	2.08	1.99	1.92	2.15	3.40	4.53	5.54	5.47	4.81	3.14	2.29
	-7.75	-3.86	-3.83	-2.24	-0.01	-0.01	0.00	0.00	0.00	0.00	-7.47	-8.84	-8.47	-7.94	-8.69	-9.79	-9.62	-8.26	-1.96	-0.56	-0.15	-0.01	-0.01	-0.01
NARROWS_GT2_1 24236	40.28	36.48	35.64	33.49	33.49	33.89	37.58	37.05	34.29	30.44	32.35	33.09	32.34	30.79	31.20	32.80	36.48	49.41	54.65	65.66	71.61	61.42	49.94	39.20
	2.55	2.55	2.38	2.39	2.36	2.54	2.59	2.68	2.51	2.49	2.14	2.12	2.15	2.08	1.99	1.92	2.15	3.40	4.53	5.54	5.47	4.81	3.14	2.29
	-7.75	-3.86	-3.83	-2.24	-0.01	-0.01	0.00	0.00	0.00	0.00	-7.47	-8.84	-8.47	-7.94	-8.69	-9.79	-9.62	-8.26	-1.96	-0.56	-0.15	-0.01	-0.01	-0.01
NARROWS_GT2_2 24237	40.28	36.48	35.64	33.49	33.49	33.89	37.58	37.05	34.29	30.44	32.35	33.09	32.34	30.79	31.20	32.80	36.48	49.41	54.65	65.66	71.61	61.42	49.94	39.20
	2.55	2.55	2.38	2.39	2.36	2.54	2.59	2.68	2.51	2.49	2.14	2.12	2.15	2.08	1.99	1.92	2.15	3.40	4.53	5.54	5.47	4.81	3.14	2.29
	-7.75	-3.86	-3.83	-2.24	-0.01	-0.01	0.00	0.00	0.00	0.00	-7.47	-8.84	-8.47	-7.94	-8.69	-9.79	-9.62	-8.26	-1.96	-0.56	-0.15	-0.01	-0.01	-0.01
NARROWS_GT2_3 24238	40.28	36.48	35.64	33.49	33.49	33.89	37.58	37.05	34.29	30.44	32.35	33.09	32.34	30.79	31.20	32.80	36.48	49.41	54.65	65.66	71.61	61.42	49.94	39.20
	2.55	2.55	2.38	2.39	2.36	2.54	2.59	2.68	2.51	2.49	2.14	2.12	2.15	2.08	1.99	1.92	2.15	3.40	4.53	5.54	5.47	4.81	3.14	2.29
	-7.75	-3.86	-3.83	-2.24	-0.01	-0.01	0.00	0.00	0.00	0.00	-7.47	-8.84	-8.47	-7.94	-8.69	-9.79	-9.62	-8.26	-1.96	-0.56	-0.15	-0.01	-0.01	-0.01
NARROWS_GT2_4 24239	40.28	36.48	35.64	33.49	33.49	33.89	37.58	37.05	34.29	30.44	32.35	33.09	32.34	30.79	31.20	32.80	36.48	49.41	54.65	65.66	71.61	61.42	49.94	39.20
	2.55	2.55	2.38	2.39	2.36	2.54	2.59	2.68	2.51	2.49	2.14	2.12	2.15	2.08	1.99	1.92	2.15	3.40	4.53	5.54	5.47	4.81	3.14	2.29
	-7.75	-3.86	-3.83	-2.24	-0.01	-0.01	0.00	0.00	0.00	0.00	-7.47	-8.84	-8.47	-7.94	-8.69	-9.79	-9.62	-8.26	-1.96	-0.56	-0.15	-0.01	-0.01	-0.01
NARROWS_GT2_5 24240	40.28	36.48	35.64	33.49	33.49	33.89	37.58	37.05	34.29	30.44	32.35	33.09	32.34	30.79	31.20	32.80	36.48	49.41	54.65	65.66	71.61	61.42	49.94	39.20
	2.55	2.55	2.38	2.39	2.36	2.54	2.59	2.68	2.51	2.49	2.14	2.12	2.15	2.08	1.99	1.92	2.15	3.40	4.53	5.54	5.47	4.81	3.14	2.29
	-7.75	-3.86	-3.83	-2.24	-0.01	-0.01	0.00	0.00	0.00	0.00	-7.47	-8.84	-8.47	-7.94	-8.69	-9.79	-9.62	-8.26	-1.96	-0.56	-0.15	-0.01	-0.01	-0.01
NARROWS_GT2_6 24241	40.28	36.48	35.64	33.49	33.49	33.89	37.58	37.05	34.29	30.44	32.35	33.09	32.34	30.79	31.20	32.80	36.48	49.41	54.65	65.66	71.61	61.42	49.94	39.20
	2.55	2.55	2.38	2.39	2.36	2.54	2.59	2.68	2.51	2.49	2.14	2.12	2.15	2.08	1.99	1.92	2.15	3.40	4.53	5.54	5.47	4.81	3.14	2.29
	-7.75	-3.86	-3.83	-2.24	-0.01	-0.01	0.00	0.00	0.00	0.00	-7.47	-8.84	-8.47	-7.94	-8.69	-9.79	-9.62	-8.26	-1.96	-0.56	-0.15	-0.01	-0.01	-0.01
NARROWS_GT2_7 24242	40.28	36.48	35.64	33.49	33.49	33.89	37.58	37.05	34.29	30.44	32.35	33.09	32.34	30.79	31.20	32.80	36.48	49.41	54.65	65.66	71.61	61.42	49.94	39.20
	2.55	2.55	2.38	2.39	2.36	2.54	2.59	2.68	2.51	2.49	2.14	2.12	2.15	2.08	1.99	1.92	2.15	3.40	4.53	5.54	5.47	4.81	3.14	2.29
	-7.75	-3.86	-3.83	-2.24	-0.01	-0.01	0.00	0.00	0.00	0.00	-7.47	-8.84	-8.47	-7.94	-8.69	-9.79	-9.62	-8.26	-1.96	-0.56	-0.15	-0.01	-0.01	-0.01
NARROWS_GT2_8 24243	40.28	36.48	35.64	33.49	33.49	33.89	37.58	37.05	34.29	30.44	32.35	33.09	32.34	30.79	31.20	32.80	36.48	49.41	54.65	65.66	71.61	61.42	49.94	39.20
	2.55	2.55	2.38	2.39	2.36	2.54	2.59	2.68	2.51	2.49	2.14	2.12	2.15	2.08	1.99	1.92	2.15	3.40	4.53	5.54	5.47	4.81	3.14	2.29
	-7.75	-3.86	-3.83	-2.24	-0.01	-0.01	0.00	0.00	0.00	0.00	-7.47	-8.84	-8.47	-7.94	-8.69	-9.79	-9.62	-8.26	-1.96	-0.56	-0.15	-0.01	-0.01	-0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	39.82	35.60	34.88	32.50	32.70	32.97	36.85	36.09	33.11	29.01	31.54	32.37	31.51	29.94	30.53	32.42	35.95	48.14	52.10	63.33	69.53	59.49	49.09	38.64
	1.29	1.29	1.24	1.18	1.59	1.63	1.85	1.72	1.33	1.06	0.57	0.51	0.46	0.37	0.39	0.49	0.59	1.25	2.41	3.33	3.43	2.89	2.29	1.73
	-8.55	-4.25	-4.22	-2.46	0.00	0.00	0.00	0.00	0.00	0.00	-8.23	-9.74	-9.33	-8.79	-9.62	-10.83	-10.65	-9.14	-1.53	-0.44	-0.11	0.00	0.00	0.00



NCHELSEA_115KV_TR2 355582	39.95 2.19 -7.77	36.12 2.19 -3.87	35.33 2.06 -3.84	33.12 2.02 -2.24	33.17 2.05 0.00	33.54 2.19 0.00	37.41 2.41 0.00	36.88 2.51 0.00	34.07 2.29 0.00	30.05 2.10 0.00	31.98 1.75 -7.49	32.71 1.73 -8.86	31.91 1.69 -8.49	30.39 1.62 -7.99	30.85 1.58 -8.75	32.60 1.65 -9.85	36.25 1.85 -9.69	49.05 2.98 -8.32	54.11 4.00 -1.95	65.12 5.00 -0.56	71.21 5.08 -0.14	60.90 4.30 0.00	49.84 3.04 0.00	39.05 2.14 0.00
NEG CAPITAL___MECHNVIL 23645	40.62 1.68 -8.96	36.17 1.65 -4.46	35.47 1.62 -4.43	32.97 1.53 -2.58	32.73 1.62 0.00	33.00 1.66 0.00	36.84 1.85 0.00	36.12 1.75 0.00	33.21 1.43 0.00	29.18 1.23 0.00	32.35 0.98 -8.62	33.21 0.89 -10.21	32.35 0.85 -9.78	30.75 0.77 -9.21	31.38 0.78 -10.08	33.31 0.87 -11.35	36.92 1.06 -11.16	49.25 1.92 -9.58	50.76 2.60 0.00	63.01 3.45 0.00	69.48 3.49 0.00	59.60 3.00 0.00	49.19 2.39 0.00	38.68 1.77 0.00
NEG CENTRAL_HIGH_ACRES 23767	29.01 -1.56 -0.58	28.72 -1.62 -0.29	28.09 -1.62 -0.28	27.43 -1.59 -0.16	29.62 -1.49 0.00	29.77 -1.57 0.00	33.24 -1.75 0.01	32.69 -1.68 0.00	29.77 -2.00 0.01	26.18 -1.76 0.01	21.83 -1.48 -0.56	21.28 -1.50 -0.67	20.93 -1.43 -0.64	19.98 -1.39 -0.60	19.82 -1.35 -0.66	20.51 -1.33 -0.74	23.71 -1.73 -0.73	35.90 -2.75 -0.91	39.83 -3.61 4.72	53.59 -4.23 1.74	60.92 -4.16 0.92	52.91 -3.68 0.01	44.26 -2.53 0.01	35.21 -1.70 0.00
NEG CENTRAL___DRP 24199	30.38 -0.27 -0.66	30.09 -0.30 -0.33	29.45 -0.29 -0.32	28.72 -0.32 -0.18	30.86 -0.25 0.00	31.06 -0.28 0.00	34.70 -0.28 0.01	34.03 -0.34 0.00	31.17 -0.60 0.01	27.36 -0.59 0.01	22.84 -0.55 -0.64	22.30 -0.58 -0.76	21.91 -0.54 -0.72	20.92 -0.54 -0.68	20.75 -0.51 -0.74	21.39 -0.55 -0.84	24.94 -0.59 -0.83	40.08 -0.79 -3.12	41.80 -0.92 5.44	58.59 -0.95 0.01	67.35 -0.92 -2.29	55.86 -0.74 0.01	46.23 -0.56 0.01	36.57 -0.33 0.00
NEG CENTRAL___INDECK 23768	29.85 -0.66 -0.53	29.59 -0.72 -0.25	29.00 -0.68 -0.25	28.30 -0.69 -0.14	30.58 -0.53 0.01	30.74 -0.60 0.01	34.38 -0.60 0.02	33.68 -0.69 0.00	30.52 -1.24 0.02	26.65 -1.29 0.02	22.05 -1.21 -0.51	21.37 -1.35 -0.61	20.98 -1.33 -0.58	20.03 -1.29 -0.54	19.82 -1.29 -0.59	20.46 -1.31 -0.67	23.82 -1.56 -0.66	59.26 -2.08 -23.59	36.74 -2.07 9.35	55.28 -1.67 2.61	63.97 -1.45 0.57	55.39 -1.19 0.02	45.98 -0.80 0.02	36.65 -0.26 0.00
NEG CENTRAL___SENECA 23627	30.13 -0.45 -0.60	29.87 -0.48 -0.29	29.27 -0.44 -0.29	28.56 -0.46 -0.16	30.71 -0.40 0.01	30.87 -0.47 0.01	34.53 -0.45 0.01	33.85 -0.52 0.00	30.94 -0.83 0.01	27.13 -0.81 0.01	22.59 -0.73 -0.58	22.03 -0.77 -0.68	21.62 -0.76 -0.66	20.64 -0.75 -0.61	20.45 -0.74 -0.67	21.12 -0.74 -0.76	24.62 -0.84 -0.75	41.09 -1.09 -4.43	39.71 -1.20 7.24	58.72 -1.31 -0.48	68.20 -1.25 -3.47	55.57 -1.02 0.01	46.04 -0.75 0.01	36.46 -0.44 0.00
NEG CENTRAL___STATE_STREET 24147	30.79 0.00 -0.81	30.46 0.00 -0.40	29.79 -0.03 -0.40	29.03 -0.06 -0.23	31.15 0.03 0.00	31.34 0.00 0.00	35.02 0.03 0.00	34.33 -0.03 0.00	31.52 -0.25 0.00	27.69 -0.25 0.00	23.27 -0.25 -0.78	22.77 -0.27 -0.92	22.37 -0.24 -0.88	21.36 -0.25 -0.83	21.20 -0.23 -0.91	21.87 -0.25 -1.02	25.47 -0.25 -1.01	38.49 -0.30 -1.04	44.01 -0.34 3.81	58.68 -0.18 0.70	66.67 -0.13 -0.81	56.43 -0.17 0.01	46.70 -0.09 0.01	36.83 -0.07 0.00
NEG MILLWOOD___DRP 24198	40.03 2.25 -7.80	36.22 2.28 -3.88	35.43 2.15 -3.85	33.24 2.14 -2.25	33.23 2.12 0.00	33.63 2.29 0.00	37.51 2.52 0.00	36.98 2.61 0.00	34.23 2.45 0.00	30.21 2.26 0.00	32.13 1.87 -7.52	32.85 1.84 -8.90	32.07 1.82 -8.52	30.55 1.75 -8.03	31.01 1.70 -8.79	32.74 1.75 -9.89	36.39 1.95 -9.73	49.31 3.21 -8.35	54.33 4.24 -1.93	65.29 5.18 -0.56	71.41 5.28 -0.14	61.07 4.47 0.00	49.94 3.14 0.00	39.08 2.18 0.00
NEG NORTH_FLCN_SEA 23793	29.53 -0.45 0.00	29.61 -0.45 0.00	28.98 -0.44 0.00	28.48 -0.38 0.00	30.77 -0.34 0.00	31.03 -0.31 0.00	34.75 -0.24 0.00	34.03 -0.34 0.00	31.52 -0.25 0.00	27.70 -0.25 0.00	22.47 -0.27 0.00	21.90 -0.22 0.00	21.44 -0.28 0.00	20.51 -0.27 0.00	20.27 -0.25 0.00	20.89 -0.21 0.00	24.51 -0.20 0.00	37.41 -0.34 0.00	47.97 -0.19 0.00	59.37 -0.18 0.00	66.38 0.40 0.00	56.77 0.17 0.00	46.99 0.19 0.00	37.09 0.18 0.00
NEG NORTH_KES_CHATEGAY 23792	29.26 -0.72 0.00	29.34 -0.72 0.00	28.72 -0.71 0.00	28.19 -0.66 0.00	30.46 -0.65 0.00	30.72 -0.63 0.00	34.36 -0.63 0.00	33.68 -0.69 0.00	31.21 -0.57 0.00	27.39 -0.56 0.00	22.24 -0.50 0.00	21.65 -0.46 0.00	21.23 -0.50 0.00	20.30 -0.48 0.00	20.07 -0.45 0.00	20.65 -0.44 0.00	24.24 -0.47 0.00	37.00 -0.76 0.00	47.49 -0.67 0.00	58.78 -0.77 0.00	65.66 -0.33 0.00	56.15 -0.45 0.00	46.47 -0.33 0.00	36.68 -0.22 0.00
NEG NORTH___ALICE_FALLS 23915	29.56 -0.42 0.00	29.64 -0.42 0.00	29.01 -0.41 0.00	28.51 -0.35 0.00	30.77 -0.34 0.00	31.03 -0.31 0.00	34.78 -0.21 0.00	34.03 -0.34 0.00	31.52 -0.25 0.00	27.67 -0.28 0.00	22.47 -0.27 0.00	21.90 -0.22 0.00	21.44 -0.28 0.00	20.51 -0.27 0.00	20.29 -0.23 0.00	20.89 -0.21 0.00	24.53 -0.17 0.00	37.45 -0.30 0.00	48.07 -0.10 0.00	59.49 -0.06 0.00	66.65 0.66 0.00	56.88 0.28 0.00	47.08 0.28 0.00	37.16 0.26 0.00
NEG NORTH___LWR_SARANAC 23913	29.56 -0.42 0.00	29.64 -0.42 0.00	29.01 -0.41 0.00	28.51 -0.35 0.00	30.77 -0.34 0.00	31.03 -0.31 0.00	34.78 -0.21 0.00	34.03 -0.34 0.00	31.52 -0.25 0.00	27.67 -0.28 0.00	22.47 -0.27 0.00	21.90 -0.22 0.00	21.44 -0.28 0.00	20.51 -0.27 0.00	20.29 -0.23 0.00	20.89 -0.21 0.00	24.53 -0.17 0.00	37.45 -0.30 0.00	48.07 -0.10 0.00	59.49 -0.06 0.00	66.65 0.66 0.00	56.88 0.28 0.00	47.08 0.28 0.00	37.16 0.26 0.00
NEG NORTH___PLATTSBURG 23628	29.56 -0.42 0.00	29.64 -0.42 0.00	29.01 -0.41 0.00	28.51 -0.34 0.00	30.77 -0.34 0.00	31.03 -0.31 0.00	34.78 -0.21 0.00	34.03 -0.34 0.00	31.52 -0.26 0.00	27.67 -0.28 0.00	22.47 -0.27 0.00	21.90 -0.22 0.00	21.44 -0.28 0.00	20.51 -0.27 0.00	20.28 -0.25 0.00	20.89 -0.21 0.00	24.54 -0.17 0.00	37.45 -0.30 0.00	48.07 -0.10 0.00	59.49 -0.06 0.00	66.51 0.53 0.00	56.88 0.28 0.00	47.17 0.37 0.00	37.17 0.26 0.00
NEG WEST_LEA_LOCKPORT 23791	27.78 -2.73 -0.53	27.58 -2.74 -0.26	26.91 -2.77 -0.25	26.31 -2.68 -0.14	28.50 -2.61 0.01	28.67 -2.66 0.01	31.76 -3.22 0.01	31.38 -2.99 0.00	28.49 -3.27 0.01	25.03 -2.91 0.01	20.84 -2.41 -0.51	20.22 -2.50 -0.60	19.89 -2.41 -0.58	19.07 -2.24 -0.54	18.79 -2.32 -0.59	19.49 -2.28 -0.67	22.43 -2.94 -0.66	29.47 -4.49 3.79	35.49 -5.68 6.99	50.32 -7.09 2.15	57.15 -8.12 0.72	50.19 -6.40 0.02	42.15 -4.63 0.02	34.03 -2.88 0.00
NEG WEST___LANCASTR 23811	28.32 -2.19 -0.52	28.06 -2.25 -0.25	27.64 -2.03 -0.25	26.92 -2.08 -0.14	28.34 -2.77 0.01	28.58 -2.76 0.01	31.89 -3.08 0.02	31.52 -2.85 0.00	29.31 -2.45 0.02	25.70 -2.24 0.02	21.52 -1.73 -0.50	20.99 -1.73 -0.60	20.54 -1.76 -0.57	19.73 -1.58 -0.53	19.65 -1.46 -0.59	20.39 -1.37 -0.66	23.73 -1.63 -0.65	32.01 -2.04 3.71	37.10 -2.50 8.56	54.16 -2.92 2.48	60.86 -4.49 0.64	53.41 -3.17 0.02	42.62 -4.17 0.02	34.03 -2.88 0.00

NEG_PENN_ALLEGHNY 23528	33.61 0.42 -3.21	32.09 0.42 -1.60	31.43 0.41 -1.59	30.20 0.40 -0.94	31.56 0.44 -0.01	31.73 0.38 -0.01	35.46 0.45 -0.02	34.81 0.45 0.00	32.05 0.25 -0.02	28.13 0.17 -0.02	25.89 0.14 -3.01	25.81 0.13 -3.56	25.29 0.15 -3.41	24.16 0.17 -3.22	24.19 0.14 -3.52	25.14 0.08 -3.96	28.77 0.17 -3.89	40.90 0.42 -2.73	62.47 0.58 -13.73	64.50 0.89 -4.05	68.19 0.79 -1.41	57.35 0.73 -0.02	47.24 0.42 -0.02	37.27 0.37 0.00
NEG___GEN_MONROE 24207	29.03 -1.50 -0.54	28.82 -1.50 -0.27	28.16 -1.53 -0.26	27.51 -1.50 -0.15	29.77 -1.34 0.00	29.96 -1.38 0.00	33.37 -1.61 0.01	32.79 -1.58 0.00	29.77 -2.00 0.01	26.12 -1.82 0.01	21.72 -1.55 -0.52	21.13 -1.61 -0.62	20.78 -1.54 -0.59	19.88 -1.45 -0.56	19.61 -1.52 -0.61	20.27 -1.52 -0.69	23.46 -1.93 -0.68	35.66 -3.02 -0.93	38.99 -3.85 5.32	53.23 -4.53 1.79	60.32 -4.88 0.79	52.74 -3.85 0.01	44.26 -2.53 0.01	35.43 -1.48 0.00
NEPA___ENERGY 23901	28.61 -1.89 -0.52	28.42 -1.89 -0.25	27.88 -1.79 -0.25	27.23 -1.76 -0.14	29.15 -1.96 0.01	29.36 -1.97 0.01	32.73 -2.24 0.02	32.34 -2.03 0.00	29.63 -2.13 0.02	25.98 -1.96 0.02	21.68 -1.57 -0.50	21.06 -1.66 -0.60	20.64 -1.65 -0.57	19.79 -1.52 -0.53	19.59 -1.52 -0.58	20.30 -1.46 -0.66	23.53 -1.83 -0.65	30.91 -2.60 4.24	36.33 -3.18 8.65	53.29 -3.75 2.51	60.65 -4.69 0.65	53.01 -3.57 0.02	43.64 -3.14 0.02	34.99 -1.92 0.00
NEVERSINK___HYD 23608	39.63 2.22 -7.42	35.98 2.22 -3.69	35.18 2.09 -3.67	33.05 2.05 -2.14	33.17 2.05 0.00	33.54 2.19 0.00	37.48 2.48 0.00	36.91 2.54 0.00	34.07 2.29 0.00	29.97 2.01 0.00	31.35 1.66 -6.94	31.97 1.64 -8.22	31.20 1.61 -7.87	29.76 1.56 -7.42	30.16 1.52 -8.13	31.77 1.52 -9.15	35.48 1.78 -8.99	48.29 2.91 -7.63	54.32 3.95 -2.21	65.31 5.12 -0.64	71.36 5.21 -0.16	60.96 4.36 0.00	49.89 3.09 0.00	39.08 2.18 0.00
NEWKRMKL_115KV_TB1 55635	39.72 0.93 -8.81	35.37 0.93 -4.38	34.69 0.91 -4.35	32.29 0.89 -2.54	32.02 0.90 0.00	32.28 0.94 0.00	36.01 1.01 0.00	35.37 1.00 0.00	32.64 0.86 0.00	28.73 0.78 0.00	31.87 0.64 -8.49	32.77 0.60 -10.05	31.91 0.56 -9.62	30.38 0.54 -9.06	30.98 0.53 -9.92	32.86 0.59 -11.17	36.36 0.67 -10.98	48.24 1.06 -9.43	49.61 1.44 0.00	61.28 1.73 0.00	67.64 1.65 0.00	58.02 1.42 0.00	47.88 1.08 0.00	37.79 0.89 0.00
NEWTON___FALLS_HYD 23847	28.91 -1.32 -0.25	28.89 -1.29 -0.12	28.34 -1.21 -0.12	27.83 -1.10 -0.07	30.03 -1.09 0.00	30.21 -1.13 0.00	33.87 -1.12 0.00	32.99 -1.37 0.00	30.38 -1.40 0.00	26.44 -1.51 0.00	21.66 -1.32 -0.24	21.20 -1.19 -0.28	20.78 -1.22 -0.27	19.84 -1.18 -0.25	19.56 -1.23 -0.28	20.18 -1.22 -0.31	23.70 -1.31 -0.30	35.94 -2.08 -0.26	46.57 -1.59 0.00	58.00 -1.55 0.00	65.01 -1.19 -0.21	55.52 -1.08 0.00	46.14 -0.66 0.00	36.28 -0.63 0.00
NGRID_A1_DSASP 323792	27.48 -3.03 -0.53	27.37 -2.95 -0.25	26.65 -3.03 -0.25	26.08 -2.91 -0.14	28.03 -3.08 0.01	28.17 -3.17 0.01	31.25 -3.71 0.03	30.91 -3.44 0.02	28.00 -3.75 0.03	24.65 -3.27 0.03	20.57 -2.66 -0.49	19.96 -2.74 -0.58	19.65 -2.63 -0.56	18.95 -2.37 -0.54	18.65 -2.46 -0.59	19.34 -2.43 -0.67	22.08 -3.26 -0.64	29.30 -4.68 3.77	34.16 -6.84 7.16	48.91 -8.46 2.19	55.78 -9.50 0.70	49.06 -7.53 0.02	41.36 -5.43 0.02	33.49 -3.40 0.02
NGRID_A2_DSASP 323793	27.48 -3.03 -0.53	27.37 -2.95 -0.25	26.65 -3.03 -0.25	26.08 -2.91 -0.14	28.03 -3.08 0.01	28.17 -3.17 0.01	31.25 -3.71 0.03	30.91 -3.44 0.02	28.00 -3.75 0.03	24.65 -3.27 0.03	20.57 -2.66 -0.49	19.96 -2.74 -0.58	19.65 -2.63 -0.56	18.95 -2.37 -0.54	18.65 -2.46 -0.59	19.34 -2.43 -0.67	22.08 -3.26 -0.64	29.30 -4.68 3.77	34.16 -6.84 7.16	48.91 -8.46 2.19	55.78 -9.50 0.70	49.06 -7.53 0.02	41.36 -5.43 0.02	33.49 -3.40 0.02
NGRID_A4_DSASP 323807	27.48 -3.03 -0.53	27.37 -2.95 -0.25	26.65 -3.03 -0.25	26.08 -2.91 -0.14	28.03 -3.08 0.01	28.17 -3.17 0.01	31.25 -3.71 0.03	30.91 -3.44 0.02	28.00 -3.75 0.03	24.65 -3.27 0.03	20.57 -2.66 -0.49	19.96 -2.74 -0.58	19.65 -2.63 -0.56	18.95 -2.37 -0.54	18.65 -2.46 -0.59	19.34 -2.43 -0.67	22.08 -3.26 -0.64	29.30 -4.68 3.77	34.16 -6.84 7.16	48.91 -8.46 2.19	55.78 -9.50 0.70	49.06 -7.53 0.02	41.36 -5.43 0.02	33.49 -3.40 0.02
NIAGARA_115E_LBMP 323715	27.39 -3.12 -0.53	27.16 -3.16 -0.25	26.50 -3.18 -0.25	25.91 -3.09 -0.14	28.18 -2.93 0.01	28.33 -3.01 0.01	31.27 -3.71 0.01	30.93 -3.44 0.00	28.05 -3.72 0.01	24.67 -3.27 0.01	20.57 -2.68 -0.51	19.96 -2.77 -0.60	19.63 -2.67 -0.58	18.82 -2.49 -0.54	18.57 -2.55 -0.59	19.26 -2.51 -0.67	22.13 -3.24 -0.66	29.07 -4.91 3.77	34.79 -6.21 7.16	49.39 -7.98 2.19	56.50 -8.78 0.71	49.28 -7.30 0.02	41.45 -5.34 0.02	33.55 -3.36 0.00
NIAGARA_115W_LBMP 323714	27.45 -3.06 -0.53	27.31 -3.01 -0.25	26.62 -3.06 -0.25	26.05 -2.94 -0.14	28.00 -3.11 0.01	28.11 -3.23 0.01	31.18 -3.78 0.03	30.88 -3.47 0.02	27.93 -3.81 0.03	24.62 -3.30 0.03	20.53 -2.71 -0.49	19.94 -2.77 -0.58	19.63 -2.65 -0.56	18.91 -2.41 -0.54	18.65 -2.46 -0.59	19.38 -2.38 -0.67	22.09 -3.26 -0.64	29.34 -4.64 3.77	34.11 -6.89 7.16	48.85 -8.52 2.19	56.18 -9.11 0.70	48.94 -7.64 0.02	41.26 -5.52 0.02	33.42 -3.47 0.02
NIAGARA_230_LBMP 323716	27.84 -2.67 -0.53	27.64 -2.68 -0.25	26.94 -2.74 -0.25	26.34 -2.65 -0.14	28.46 -2.65 0.01	28.61 -2.73 0.01	31.76 -3.22 0.01	31.41 -2.96 0.00	28.49 -3.27 0.01	25.09 -2.85 0.01	20.91 -2.34 -0.51	20.31 -2.41 -0.60	20.00 -2.30 -0.58	19.18 -2.14 -0.54	18.92 -2.20 -0.59	19.64 -2.13 -0.67	22.53 -2.84 -0.66	29.47 -4.53 3.75	35.00 -6.02 7.14	50.00 -7.39 2.17	57.37 -7.92 0.70	50.02 -6.56 0.02	42.06 -4.73 0.02	34.03 -2.88 0.00
NIAGARA___115KV_198_GIBSON 55903	27.45 -3.06 -0.53	27.34 -2.98 -0.25	26.62 -3.06 -0.25	26.05 -2.94 -0.14	28.00 -3.11 0.01	28.11 -3.23 0.01	31.18 -3.78 0.03	30.88 -3.47 0.02	27.93 -3.81 0.03	24.62 -3.30 0.03	20.53 -2.71 -0.49	19.94 -2.76 -0.58	19.63 -2.65 -0.56	18.93 -2.39 -0.54	18.63 -2.48 -0.59	19.32 -2.45 -0.67	22.06 -3.29 -0.64	29.30 -4.68 3.77	34.07 -6.94 7.16	48.85 -8.52 2.19	55.65 -9.63 0.70	48.94 -7.64 0.02	41.26 -5.52 0.02	33.42 -3.47 0.02
NIAGARA____ 23760	27.84 -2.67 -0.53	27.64 -2.68 -0.25	26.94 -2.74 -0.25	26.34 -2.65 -0.14	28.46 -2.65 0.01	28.61 -2.73 0.01	31.75 -3.22 0.02	31.41 -2.96 0.01	28.48 -3.27 0.02	25.08 -2.85 0.02	20.90 -2.34 -0.50	20.30 -2.41 -0.59	19.99 -2.30 -0.57	19.18 -2.14 -0.54	18.92 -2.20 -0.59	19.64 -2.13 -0.67	22.52 -2.84 -0.65	29.47 -4.53 3.75	34.99 -6.02 7.15	49.99 -7.39 2.17	57.36 -7.92 0.70	50.02 -6.56 0.02	42.06 -4.73 0.02	34.02 -2.88 0.01
NINE_MILE_1 23575	29.70 -0.78 -0.50	29.53 -0.78 -0.25	28.91 -0.77 -0.25	28.25 -0.75 -0.14	30.34 -0.78 0.00	30.56 -0.78 0.00	34.12 -0.87 0.00	33.48 -0.89 0.00	30.83 -0.95 0.00	27.11 -0.84 0.00	22.54 -0.68 -0.48	22.00 -0.69 -0.57	21.62 -0.65 -0.54	20.66 -0.62 -0.51	20.46 -0.62 -0.56	21.09 -0.63 -0.63	24.56 -0.77 -0.62	37.07 -1.21 -0.53	44.97 -1.73 1.46	56.99 -2.14 0.42	60.21 -2.31 3.47	54.62 -1.98 0.00	45.21 -1.59 0.00	35.72 -1.18 0.00

NINE_MILE_2 23744	29.73 -0.75 -0.50	29.53 -0.78 -0.25	28.91 -0.77 -0.25	28.25 -0.75 -0.14	30.34 -0.78 0.00	30.56 -0.78 0.00	34.12 -0.87 0.00	33.48 -0.89 0.00	30.86 -0.92 0.00	27.11 -0.84 0.00	22.54 -0.68 -0.48	22.00 -0.69 -0.56	21.61 -0.65 -0.54	20.66 -0.62 -0.51	20.46 -0.62 -0.56	21.09 -0.63 -0.63	24.56 -0.77 -0.62	37.07 -1.21 -0.53	44.97 -1.73 1.46	56.99 -2.14 0.42	60.16 -2.31 3.52	54.62 -1.98 0.00	45.26 -1.54 0.00	35.72 -1.18 0.00
NM_CAPITAL___DRP 24208	39.80 1.02 -8.80	35.49 1.05 -4.37	34.77 1.00 -4.34	32.37 0.98 -2.53	32.11 1.00 0.00	32.38 1.03 0.00	36.15 1.15 0.00	35.50 1.13 0.00	32.76 0.99 0.00	28.84 0.89 0.00	31.95 0.73 -8.48	32.84 0.69 -10.03	32.01 0.67 -9.61	30.47 0.64 -9.05	31.06 0.64 -9.91	32.93 0.68 -11.15	36.44 0.77 -10.97	48.41 1.25 -9.41	49.80 1.64 0.00	61.52 1.97 0.00	67.84 1.85 0.00	58.24 1.64 0.00	48.06 1.26 0.00	37.90 1.00 0.00
NM_CENTRAL___DRP 24181	30.52 -0.18 -0.71	30.21 -0.21 -0.35	29.57 -0.21 -0.35	28.83 -0.23 -0.21	30.96 -0.16 0.00	31.12 -0.22 0.00	34.78 -0.21 0.00	34.13 -0.24 0.00	31.40 -0.38 0.00	27.59 -0.36 0.00	23.11 -0.32 -0.68	22.62 -0.31 -0.81	22.22 -0.28 -0.77	21.24 -0.27 -0.73	21.05 -0.27 -0.80	21.70 -0.30 -0.90	25.24 -0.35 -0.88	38.02 -0.49 -0.76	45.38 -0.77 2.01	58.14 -0.83 0.58	65.25 -0.92 -0.18	55.86 -0.74 0.00	46.24 -0.56 0.00	36.50 -0.41 0.00
NM_FRONTIER___DRP 24179	27.45 -3.06 -0.53	27.34 -2.98 -0.25	26.62 -3.06 -0.25	26.05 -2.94 -0.14	28.00 -3.11 0.01	28.11 -3.23 0.01	31.18 -3.78 0.03	30.88 -3.47 0.02	27.93 -3.81 0.03	24.62 -3.30 0.03	20.53 -2.71 -0.49	19.94 -2.76 -0.58	19.63 -2.65 -0.56	18.93 -2.39 -0.54	18.63 -2.48 -0.59	19.32 -2.45 -0.67	22.06 -3.29 -0.64	29.30 -4.68 3.77	34.07 -6.94 7.16	48.85 -8.52 2.19	55.65 -9.63 0.70	48.94 -7.64 0.02	41.26 -5.52 0.02	33.42 -3.47 0.02
NM_ST_REGIS___HYD 24053	28.92 -1.20 -0.14	28.96 -1.17 -0.07	28.38 -1.12 -0.07	27.83 -1.07 -0.04	29.97 -1.15 0.00	30.03 -1.32 0.00	33.66 -1.33 0.00	32.82 -1.55 0.00	30.38 -1.40 0.00	26.61 -1.34 0.00	21.74 -1.14 -0.13	21.26 -1.02 -0.16	20.81 -1.06 -0.15	19.88 -1.04 -0.14	19.67 -1.01 -0.16	20.35 -0.93 -0.18	23.87 -1.01 -0.17	36.01 -1.89 -0.15	46.28 -1.88 0.00	57.29 -2.26 0.00	64.32 -1.78 -0.11	54.90 -1.70 0.00	45.72 -1.08 0.00	36.02 -0.89 0.00
NORTHPORT___1 23551	40.44 2.70 -7.76	36.63 2.71 -3.86	35.82 2.56 -3.83	33.64 2.54 -2.24	33.68 2.55 -0.01	34.11 2.76 -0.01	38.01 3.01 -0.01	37.51 3.13 -0.01	34.77 2.99 -0.01	30.75 2.79 -0.01	32.57 2.34 -7.48	38.88 2.30 -14.46	38.74 2.33 -14.69	31.82 2.22 -8.82	33.44 2.13 -10.78	33.00 2.11 -9.80	43.72 2.35 -16.66	50.83 3.55 -9.53	54.27 4.14 -1.97	65.07 4.94 -0.57	71.22 5.08 -0.15	60.74 4.13 -0.01	50.18 3.37 -0.01	39.53 2.62 -0.01
NORTHPORT___2 23552	40.44 2.70 -7.76	36.63 2.71 -3.86	35.82 2.56 -3.83	33.64 2.54 -2.24	33.68 2.55 -0.01	34.11 2.76 -0.01	38.01 3.01 -0.01	37.51 3.13 -0.01	34.77 2.99 -0.01	30.75 2.79 -0.01	32.57 2.34 -7.48	38.88 2.30 -14.46	38.74 2.33 -14.69	31.82 2.22 -8.82	33.44 2.13 -10.78	33.00 2.11 -9.80	43.72 2.35 -16.66	50.83 3.55 -9.53	54.27 4.14 -1.97	65.07 4.94 -0.57	71.22 5.08 -0.15	60.74 4.13 -0.01	50.18 3.37 -0.01	39.53 2.62 -0.01
NORTHPORT___3 23553	40.41 2.67 -7.76	36.60 2.67 -3.86	35.79 2.53 -3.83	33.61 2.51 -2.24	33.64 2.52 -0.01	34.08 2.73 -0.01	37.97 2.97 -0.01	37.47 3.09 -0.01	34.74 2.96 -0.01	30.73 2.77 -0.01	32.54 2.32 -7.48	38.87 2.28 -14.47	38.73 2.30 -14.70	31.80 2.20 -8.82	33.42 2.11 -10.79	32.98 2.09 -9.80	43.73 2.35 -16.68	50.80 3.51 -9.53	54.22 4.09 -1.97	64.95 4.82 -0.57	71.09 4.95 -0.15	60.69 4.08 -0.01	50.13 3.32 -0.01	39.46 2.54 -0.01
NORTHPORT___4 23650	40.41 2.67 -7.76	36.60 2.67 -3.86	35.79 2.53 -3.83	33.61 2.51 -2.24	33.64 2.52 -0.01	34.08 2.73 -0.01	37.97 2.97 -0.01	37.47 3.09 -0.01	34.74 2.96 -0.01	30.73 2.77 -0.01	32.54 2.32 -7.48	38.87 2.28 -14.47	38.73 2.30 -14.70	31.80 2.20 -8.82	33.42 2.11 -10.79	32.98 2.09 -9.80	43.73 2.35 -16.68	50.80 3.51 -9.53	54.22 4.09 -1.97	64.95 4.82 -0.57	71.09 4.95 -0.15	60.69 4.08 -0.01	50.13 3.32 -0.01	39.46 2.54 -0.01
NORTHPORT___IC 23718	40.44 2.70 -7.76	36.63 2.71 -3.86	35.82 2.56 -3.83	33.64 2.54 -2.24	33.68 2.55 -0.01	34.11 2.76 -0.01	38.01 3.01 -0.01	37.51 3.13 -0.01	34.77 2.99 -0.01	30.75 2.79 -0.01	32.57 2.34 -7.48	38.88 2.30 -14.46	38.74 2.32 -14.69	31.84 2.20 -8.86	33.48 2.13 -10.82	33.11 2.17 -9.84	43.79 2.37 -16.71	50.83 3.55 -9.53	54.27 4.14 -1.97	65.07 4.94 -0.57	71.22 5.08 -0.15	60.74 4.13 -0.01	50.32 3.51 -0.01	39.53 2.62 -0.01
NORTH___COUNTRY_ESR 323785	29.20 -0.78 0.00	29.28 -0.78 0.00	28.66 -0.77 0.00	28.16 -0.69 0.00	30.40 -0.71 0.00	30.65 -0.69 0.00	34.29 -0.70 0.00	33.61 -0.76 0.00	31.17 -0.60 0.00	27.39 -0.56 0.00	22.24 -0.50 0.00	21.65 -0.47 0.00	21.23 -0.50 0.00	20.30 -0.48 0.00	20.07 -0.45 0.00	20.65 -0.44 0.00	24.24 -0.47 0.00	37.00 -0.75 0.00	47.39 -0.77 0.00	58.60 -0.96 0.00	65.39 -0.60 0.00	56.03 -0.57 0.00	46.42 -0.38 0.00	36.57 -0.33 0.00
NPX_GEN_1385_PROXY 323591	40.44 2.70 -7.76	36.63 2.71 -3.86	35.82 2.56 -3.83	33.64 2.54 -2.24	33.68 2.55 -0.01	34.11 2.76 -0.01	38.01 3.01 -0.01	37.51 3.13 -0.01	34.77 2.99 -0.01	30.75 2.79 -0.01	32.57 2.34 -7.48	38.88 2.30 -14.46	38.74 2.33 -14.69	31.82 2.22 -8.82	33.44 2.13 -10.78	33.00 2.11 -9.80	44.10 2.35 -17.04	50.45 3.55 -9.15	54.27 4.14 -1.97	65.07 4.94 -0.57	71.22 5.08 -0.15	60.74 4.13 -0.01	50.18 3.37 -0.01	39.53 2.62 -0.01
NPX_GEN_CSC 323557	40.83 3.09 -7.76	37.05 3.13 -3.86	36.17 2.91 -3.83	34.04 2.94 -2.24	34.14 3.02 -0.01	34.55 3.20 -0.01	38.46 3.46 -0.01	38.09 3.71 -0.01	35.25 3.46 -0.01	31.20 3.24 -0.01	33.00 2.77 -7.48	39.34 2.70 -14.52	39.20 2.72 -14.75	32.22 2.62 -8.83	33.83 2.50 -10.80	33.40 2.51 -9.80	44.60 2.77 -17.12	51.21 4.30 -9.16	55.38 5.25 -1.97	66.68 6.55 -0.57	73.00 6.86 -0.15	62.39 5.78 -0.01	51.11 4.30 -0.01	40.27 3.36 -0.01
NSINS_S_GLNS_FALLS 23858	40.73 1.74 -9.01	36.25 1.71 -4.48	35.55 1.68 -4.45	33.07 1.62 -2.60	32.80 1.68 0.00	33.07 1.72 0.00	36.99 1.99 0.00	36.09 1.72 0.00	33.11 1.33 0.00	29.07 1.12 0.00	32.25 0.84 -8.66	33.10 0.73 -10.25	32.22 0.67 -9.82	30.61 0.58 -9.25	31.24 0.60 -10.12	33.21 0.72 -11.40	36.83 0.91 -11.21	49.18 1.81 -9.62	50.71 2.55 0.00	63.19 3.63 0.00	69.81 3.83 0.00	59.77 3.17 0.00	49.33 2.53 0.00	38.68 1.77 0.00
NUCOR_STEEL___DRP 24197	30.91 0.12 -0.81	30.58 0.12 -0.40	29.94 0.12 -0.40	29.17 0.09 -0.23	31.30 0.19 0.00	31.50 0.16 0.00	35.16 0.17 0.00	34.47 0.10 0.00	31.65 -0.13 0.00	27.78 -0.17 0.00	23.36 -0.16 -0.78	22.86 -0.18 -0.92	22.45 -0.15 -0.88	21.44 -0.17 -0.83	21.28 -0.14 -0.90	21.95 -0.17 -1.02	25.54 -0.17 -1.00	38.56 -0.19 -1.00	44.48 -0.29 3.39	58.68 -0.06 0.81	66.45 -0.07 -0.53	56.54 -0.06 0.00	46.84 0.05 0.00	36.94 0.04 0.00

NUMBER_THREE_WT_PWR 323818	29.19 -1.14 -0.34	29.15 -1.08 -0.17	28.62 -0.97 -0.17	28.20 -0.75 -0.10	30.46 -0.65 0.00	30.90 -0.44 0.00	34.64 -0.35 0.00	33.72 -0.65 0.00	30.92 -0.86 0.00	26.75 -1.20 0.00	21.98 -1.09 -0.33	21.49 -1.02 -0.39	21.08 -1.02 -0.37	20.11 -1.02 -0.35	19.75 -1.15 -0.38	20.33 -1.20 -0.43	23.85 -1.29 -0.42	36.34 -1.77 -0.36	47.77 -0.39 0.00	59.73 0.18 0.00	66.71 0.47 -0.26	56.94 0.34 0.00	47.17 0.37 0.00	37.02 0.11 0.00
NYISO_LBMP_REFERENCE 24008	29.98 0.00 0.00	30.06 0.00 0.00	29.43 0.00 0.00	28.86 0.00 0.00	31.12 0.00 0.00	31.34 0.00 0.00	34.99 0.00 0.00	34.37 0.00 0.00	31.78 0.00 0.00	27.95 0.00 0.00	22.74 0.00 0.00	22.12 0.00 0.00	21.73 0.00 0.00	20.78 0.00 0.00	20.52 0.00 0.00	21.10 0.00 0.00	24.71 0.00 0.00	37.75 0.00 0.00	48.16 0.00 0.00	59.55 0.00 0.00	65.99 0.00 0.00	56.60 0.00 0.00	46.80 0.00 0.00	36.91 0.00 0.00
NYPA_BRENTWD____GT 24164	40.80 3.06 -7.76	36.99 3.07 -3.86	36.15 2.89 -3.84	33.98 2.89 -2.24	34.08 2.96 -0.01	34.49 3.13 -0.01	38.39 3.39 -0.01	37.95 3.57 -0.01	35.12 3.34 -0.01	31.09 3.13 -0.01	32.86 2.64 -7.48	39.31 2.59 -14.61	39.18 2.61 -14.85	32.11 2.49 -8.84	33.76 2.40 -10.84	33.28 2.38 -9.80	44.22 2.67 -16.84	51.43 4.12 -9.56	54.99 4.86 -1.97	66.02 5.90 -0.57	72.28 6.14 -0.15	61.71 5.10 -0.01	50.88 4.07 -0.01	40.02 3.10 -0.01
NYPA_GOWANUS____GT5 24156	40.28 2.55 -7.75	36.48 2.55 -3.86	35.64 2.38 -3.83	33.49 2.39 -2.24	33.49 2.36 -0.01	33.89 2.54 -0.01	37.58 2.59 0.00	37.05 2.68 0.00	34.29 2.51 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.09 2.12 -8.84	32.34 2.15 -8.47	30.79 2.08 -7.94	31.20 1.99 -8.69	32.80 1.92 -9.79	36.48 2.15 -9.62	49.41 3.40 -8.26	54.65 4.53 -1.96	65.66 5.54 -0.56	71.61 5.47 -0.15	61.42 4.81 -0.01	49.94 3.14 -0.01	39.20 2.29 -0.01
NYPA_GOWANUS____GT6 24157	40.28 2.55 -7.75	36.48 2.55 -3.86	35.64 2.38 -3.83	33.49 2.39 -2.24	33.49 2.36 -0.01	33.89 2.54 -0.01	37.58 2.59 0.00	37.05 2.68 0.00	34.29 2.51 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.09 2.12 -8.84	32.34 2.15 -8.47	30.79 2.08 -7.94	31.20 1.99 -8.69	32.80 1.92 -9.79	36.48 2.15 -9.62	49.41 3.40 -8.26	54.65 4.53 -1.96	65.66 5.54 -0.56	71.61 5.47 -0.15	61.42 4.81 -0.01	49.94 3.14 -0.01	39.20 2.29 -0.01
NYPA_HARLEM__RVR__GT1 24160	39.99 2.28 -7.73	36.18 2.28 -3.84	35.33 2.09 -3.81	33.18 2.11 -2.22	33.19 2.09 0.02	33.43 2.10 0.01	37.19 2.21 0.01	36.77 2.41 0.01	34.18 2.41 0.01	30.37 2.43 0.01	32.30 2.09 -7.46	32.99 2.03 -8.83	32.27 2.09 -8.46	30.72 2.01 -7.93	31.13 1.93 -8.68	32.71 1.83 -9.78	36.35 2.03 -9.61	49.13 3.13 -8.25	54.16 4.05 -1.95	64.99 4.88 -0.56	70.94 4.81 -0.14	60.72 4.13 0.01	49.27 2.48 0.01	38.68 1.77 0.00
NYPA_HARLEM__RVR__GT2 24161	39.99 2.28 -7.73	36.18 2.28 -3.84	35.33 2.09 -3.81	33.18 2.11 -2.22	33.19 2.09 0.02	33.43 2.10 0.01	37.19 2.21 0.01	36.77 2.41 0.01	34.18 2.41 0.01	30.37 2.43 0.01	32.30 2.09 -7.46	32.99 2.03 -8.83	32.27 2.09 -8.46	30.72 2.01 -7.93	31.13 1.93 -8.68	32.71 1.83 -9.78	36.35 2.03 -9.61	49.13 3.13 -8.25	54.16 4.05 -1.95	64.99 4.88 -0.56	70.94 4.81 -0.14	60.72 4.13 0.01	49.27 2.48 0.01	38.68 1.77 0.00
NYPA_KENT____GT 24152	40.19 2.46 -7.75	36.41 2.49 -3.86	35.55 2.30 -3.83	33.40 2.31 -2.24	33.42 2.30 0.00	33.79 2.45 0.00	37.51 2.52 0.00	37.02 2.65 0.00	34.29 2.51 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.09 2.12 -8.84	32.34 2.15 -8.47	30.79 2.08 -7.94	31.20 1.99 -8.69	32.80 1.92 -9.79	36.48 2.15 -9.62	49.37 3.36 -8.26	54.55 4.43 -1.96	65.48 5.36 -0.56	71.48 5.34 -0.15	61.25 4.64 0.00	49.80 3.00 0.00	39.09 2.18 0.00
NYPA_POUCH1____GT 24155	40.34 2.61 -7.75	36.57 2.65 -3.86	35.70 2.44 -3.83	33.58 2.48 -2.24	33.61 2.49 -0.01	33.95 2.60 -0.01	37.65 2.66 0.00	37.05 2.68 0.00	34.26 2.48 0.00	30.38 2.43 0.00	32.33 2.12 -7.47	33.04 2.08 -8.84	32.30 2.11 -8.47	30.77 2.06 -7.94	31.18 1.97 -8.69	32.78 1.90 -9.79	36.45 2.13 -9.62	49.41 3.40 -8.26	54.65 4.53 -1.96	65.66 5.54 -0.56	71.61 5.47 -0.15	61.48 4.87 -0.01	50.03 3.23 -0.01	39.28 2.36 -0.01
NYPA_VERNON____GT2 24162	40.10 2.37 -7.75	36.32 2.41 -3.85	35.46 2.21 -3.83	33.34 2.25 -2.23	33.33 2.21 0.00	33.70 2.35 0.00	37.48 2.48 0.00	37.02 2.65 0.00	34.32 2.54 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.06 2.10 -8.84	32.34 2.15 -8.47	30.79 2.08 -7.94	31.18 1.97 -8.69	32.78 1.90 -9.79	36.45 2.13 -9.62	49.29 3.28 -8.26	54.46 4.34 -1.96	65.36 5.24 -0.56	71.34 5.21 -0.15	61.07 4.47 0.00	49.66 2.86 0.00	38.97 2.07 0.00
NYPA_VERNON____GT3 24163	40.10 2.37 -7.75	36.32 2.41 -3.85	35.46 2.21 -3.83	33.34 2.25 -2.23	33.33 2.21 0.00	33.70 2.35 0.00	37.48 2.48 0.00	37.02 2.65 0.00	34.32 2.54 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.06 2.10 -8.84	32.34 2.15 -8.47	30.79 2.08 -7.94	31.18 1.97 -8.69	32.78 1.90 -9.79	36.45 2.13 -9.62	49.29 3.28 -8.26	54.46 4.34 -1.96	65.36 5.24 -0.56	71.34 5.21 -0.15	61.07 4.47 0.00	49.66 2.86 0.00	38.97 2.07 0.00
NYPA__ASTORIA_CC1 323568	40.07 2.34 -7.75	36.29 2.37 -3.85	35.43 2.18 -3.83	33.31 2.22 -2.23	33.29 2.18 0.00	33.66 2.32 0.00	37.40 2.41 0.00	36.95 2.58 0.00	34.26 2.48 0.00	30.41 2.46 0.00	32.33 2.12 -7.47	33.04 2.08 -8.84	32.30 2.11 -8.47	30.77 2.06 -7.94	31.16 1.95 -8.69	32.76 1.88 -9.79	36.43 2.10 -9.62	49.26 3.25 -8.26	54.36 4.24 -1.96	65.24 5.12 -0.56	71.21 5.08 -0.15	61.02 4.42 0.00	49.56 2.76 0.00	38.93 2.03 0.00
NYPA__ASTORIA_CC2 323569	40.07 2.34 -7.75	36.29 2.37 -3.85	35.43 2.18 -3.83	33.31 2.22 -2.23	33.29 2.18 0.00	33.66 2.32 0.00	37.40 2.41 0.00	36.95 2.58 0.00	34.26 2.48 0.00	30.41 2.46 0.00	32.33 2.12 -7.47	33.04 2.08 -8.84	32.30 2.11 -8.47	30.77 2.06 -7.94	31.16 1.95 -8.69	32.76 1.88 -9.79	36.43 2.10 -9.62	49.26 3.25 -8.26	54.36 4.24 -1.96	65.24 5.12 -0.56	71.21 5.08 -0.15	61.02 4.42 0.00	49.56 2.76 0.00	38.93 2.03 0.00
NYPA__HOLTSVILL 23794	40.74 3.00 -7.76	36.93 3.01 -3.86	36.09 2.83 -3.83	33.93 2.83 -2.24	34.02 2.89 -0.01	34.42 3.07 -0.01	38.36 3.36 -0.01	37.89 3.51 -0.01	35.09 3.30 -0.01	31.06 3.10 -0.01	32.84 2.61 -7.48	39.20 2.56 -14.52	39.06 2.58 -14.75	32.10 2.49 -8.83	33.70 2.38 -10.80	33.28 2.38 -9.80	44.06 2.62 -16.73	51.29 4.00 -9.54	54.99 4.86 -1.97	66.08 5.95 -0.57	72.34 6.20 -0.15	61.76 5.15 -0.01	50.74 3.93 -0.01	39.94 3.03 -0.01
NYPA__HELLGATE_GT1 24158	40.01 2.28 -7.75	36.20 2.28 -3.85	35.34 2.09 -3.83	33.19 2.11 -2.23	33.20 2.09 0.00	33.43 2.10 0.01	37.19 2.21 0.01	36.77 2.41 0.01	34.18 2.41 0.01	30.37 2.43 0.01	32.30 2.09 -7.46	32.99 2.03 -8.83	32.27 2.09 -8.46	30.72 2.01 -7.93	31.13 1.93 -8.68	32.71 1.83 -9.78	36.35 2.03 -9.61	49.13 3.13 -8.25	54.16 4.05 -1.95	64.99 4.88 -0.56	70.94 4.81 -0.14	60.72 4.13 0.01	49.27 2.48 0.01	38.66 1.77 0.02

NYPA_____HELLGATE_GT2 24159	40.01 2.28 -7.75	36.20 2.28 -3.85	35.34 2.09 -3.83	33.19 2.11 -2.23	33.20 2.09 0.00	33.43 2.10 0.01	37.19 2.21 0.01	36.77 2.41 0.01	34.18 2.41 0.01	30.37 2.43 0.01	32.30 2.09 -7.46	32.99 2.03 -8.83	32.27 2.09 -8.46	30.72 2.01 -7.93	31.13 1.93 -8.68	32.71 1.83 -9.78	36.35 2.03 -9.61	49.13 3.13 -8.25	54.16 4.05 -1.95	64.99 4.88 -0.56	70.94 4.81 -0.14	60.72 4.13 0.01	49.27 2.48 0.01	38.66 1.77 0.02
NYS_BARGE____HYD 23848	27.75 -2.76 -0.53	27.52 -2.79 -0.26	26.88 -2.80 -0.25	26.28 -2.71 -0.14	28.50 -2.61 0.01	28.67 -2.66 0.01	31.72 -3.25 0.01	31.34 -3.02 0.00	28.46 -3.31 0.01	24.97 -2.96 0.01	20.82 -2.43 -0.51	20.20 -2.52 -0.60	19.85 -2.46 -0.58	19.04 -2.29 -0.54	18.78 -2.34 -0.60	19.47 -2.30 -0.67	22.41 -2.97 -0.66	29.86 -4.45 3.44	35.61 -5.63 6.91	50.33 -7.09 2.13	57.48 -7.79 0.72	50.19 -6.40 0.02	42.11 -4.68 0.02	34.02 -2.88 0.00
OAK ORCHARD____HYD 24046	29.21 -1.32 -0.55	28.95 -1.38 -0.27	28.28 -1.41 -0.26	27.62 -1.38 -0.15	29.90 -1.21 0.00	30.05 -1.29 0.00	33.51 -1.47 0.01	32.99 -1.38 0.00	29.99 -1.78 0.01	26.38 -1.56 0.01	21.95 -1.32 -0.53	21.37 -1.37 -0.62	21.02 -1.30 -0.60	20.07 -1.27 -0.56	19.88 -1.25 -0.61	20.61 -1.18 -0.69	23.79 -1.61 -0.68	36.03 -2.64 -0.92	39.50 -3.42 5.24	53.72 -4.05 1.78	61.30 -3.89 0.79	53.20 -3.39 0.01	44.59 -2.20 0.01	35.61 -1.29 0.00
OAKDALE____35_KV_LOAD 356122	33.58 0.36 -3.23	32.04 0.36 -1.62	31.42 0.38 -1.61	30.15 0.35 -0.95	31.50 0.37 -0.01	31.70 0.34 -0.01	35.39 0.38 -0.02	34.75 0.38 0.00	31.99 0.19 -0.02	28.11 0.14 -0.02	25.87 0.11 -3.01	25.78 0.11 -3.55	25.24 0.11 -3.40	24.11 0.12 -3.21	24.16 0.12 -3.51	25.18 0.13 -3.95	28.74 0.15 -3.88	40.75 0.34 -2.66	62.94 0.48 -14.30	64.49 0.71 -4.22	68.04 0.59 -1.46	57.19 0.57 -0.02	47.20 0.37 -0.02	37.16 0.26 0.00
OCC_CHEM____DRP 24175	27.48 -3.03 -0.53	27.37 -2.95 -0.25	26.65 -3.03 -0.25	26.08 -2.91 -0.14	28.03 -3.08 0.01	28.17 -3.17 0.01	31.25 -3.71 0.03	30.91 -3.44 0.02	28.00 -3.75 0.03	24.65 -3.27 0.03	20.57 -2.66 -0.49	19.96 -2.74 -0.58	19.65 -2.63 -0.56	18.95 -2.37 -0.54	18.65 -2.46 -0.59	19.34 -2.43 -0.67	22.08 -3.26 -0.64	29.30 -4.68 3.77	34.16 -6.84 7.16	48.91 -8.46 2.19	55.78 -9.50 0.70	49.06 -7.53 0.02	41.36 -5.43 0.02	33.49 -3.40 0.02
OH_GEN_PROXY 24063	27.90 -2.61 -0.53	27.70 -2.62 -0.25	27.00 -2.68 -0.25	26.40 -2.60 -0.14	28.53 -2.58 0.01	28.67 -2.66 0.01	31.90 -3.08 0.01	31.52 -2.85 0.00	28.62 -3.15 0.01	25.20 -2.74 0.01	21.00 -2.25 -0.51	20.40 -2.32 -0.60	20.09 -2.22 -0.58	19.26 -2.06 -0.54	19.00 -2.11 -0.59	19.70 -2.07 -0.67	23.01 -2.74 -1.05	29.70 -4.38 3.67	35.25 -5.78 7.13	50.30 -7.09 2.17	57.70 -7.59 0.70	50.30 -6.28 0.02	42.20 -4.58 0.02	34.10 -2.81 0.00
OLIN_CORP_DRP 24177	27.45 -3.06 -0.53	27.25 -3.07 -0.25	26.56 -3.12 -0.25	25.97 -3.03 -0.14	28.22 -2.89 0.01	28.36 -2.98 0.01	31.34 -3.64 0.01	31.00 -3.37 0.00	28.11 -3.65 0.01	24.72 -3.21 0.01	20.61 -2.64 -0.51	20.00 -2.72 -0.60	19.67 -2.63 -0.58	18.88 -2.43 -0.54	18.59 -2.52 -0.59	19.28 -2.49 -0.67	22.15 -3.21 -0.66	29.02 -4.91 3.82	34.79 -6.16 7.21	49.43 -7.92 2.20	56.17 -9.11 0.71	49.40 -7.19 0.02	41.54 -5.24 0.02	33.58 -3.32 0.00
OLIN_CORP_DSASP 323712	27.48 -3.03 -0.53	27.37 -2.95 -0.25	26.65 -3.03 -0.25	26.08 -2.91 -0.14	28.03 -3.08 0.01	28.17 -3.17 0.01	31.25 -3.71 0.03	30.91 -3.44 0.02	28.00 -3.75 0.03	24.65 -3.27 0.03	20.57 -2.66 -0.49	19.96 -2.74 -0.58	19.65 -2.63 -0.56	18.95 -2.37 -0.54	18.65 -2.46 -0.59	19.34 -2.43 -0.67	22.08 -3.26 -0.64	29.30 -4.68 3.77	34.16 -6.84 7.16	48.91 -8.46 2.19	55.78 -9.50 0.70	49.06 -7.53 0.02	41.36 -5.43 0.02	33.49 -3.40 0.02
ONEIDA_HERK_LFGE 323681	30.11 -0.21 -0.34	30.05 -0.18 -0.17	29.44 -0.15 -0.17	28.90 -0.06 -0.10	31.15 0.03 0.00	31.50 0.16 0.00	35.27 0.28 0.00	34.44 0.07 0.00	31.62 -0.16 0.00	27.45 -0.50 0.00	22.59 -0.48 -0.32	22.08 -0.42 -0.38	21.68 -0.41 -0.36	20.73 -0.40 -0.34	20.43 -0.47 -0.38	20.99 -0.53 -0.42	24.63 -0.49 -0.42	37.54 -0.57 -0.36	48.55 0.38 0.00	60.56 1.01 0.00	67.42 1.25 -0.18	57.62 1.02 0.00	47.64 0.84 0.00	37.42 0.52 0.00
ONEIDA____115KV_TB4 55905	30.92 0.45 -0.49	30.76 0.45 -0.24	30.14 0.47 -0.24	29.43 0.43 -0.14	31.65 0.53 0.00	31.91 0.56 0.00	35.66 0.66 0.00	34.92 0.55 0.00	32.10 0.32 0.00	28.03 0.08 0.00	23.21 0.00 -0.47	22.70 0.02 -0.56	22.30 0.04 -0.53	21.32 0.04 -0.50	21.09 0.02 -0.55	21.70 -0.02 -0.62	25.39 0.07 -0.61	38.54 0.26 -0.52	48.93 0.77 0.00	60.86 1.31 0.00	67.70 1.52 -0.19	57.85 1.25 0.00	47.78 0.98 0.00	37.61 0.70 0.00
ONONDAGA_REF_OCCRA 23987	30.83 -0.03 -0.88	30.47 -0.03 -0.44	29.80 -0.06 -0.43	29.05 -0.06 -0.25	31.12 0.00 0.00	31.31 -0.03 0.00	34.96 -0.03 0.00	34.30 -0.07 0.00	31.56 -0.22 0.00	27.73 -0.22 0.00	23.38 -0.20 -0.84	22.92 -0.20 -1.00	22.51 -0.17 -0.95	21.51 -0.17 -0.90	21.34 -0.16 -0.98	22.01 -0.19 -1.11	25.60 -0.20 -1.09	38.42 -0.26 -0.94	45.38 -0.43 2.35	58.59 -0.36 0.60	65.93 -0.40 -0.33	56.26 -0.34 0.00	46.52 -0.28 0.00	36.68 -0.22 0.00
ONONDAGA____COGEN 23986	30.70 0.00 -0.71	30.39 -0.03 -0.35	29.75 -0.03 -0.35	29.00 -0.06 -0.20	31.15 0.03 0.00	31.31 -0.03 0.00	34.99 0.00 0.00	34.30 -0.07 0.00	31.55 -0.22 0.00	27.72 -0.22 0.00	23.23 -0.20 -0.69	22.73 -0.20 -0.81	22.33 -0.17 -0.78	21.34 -0.17 -0.73	21.18 -0.14 -0.80	21.81 -0.19 -0.90	25.40 -0.20 -0.89	38.34 -0.26 -0.85	45.09 -0.48 2.59	58.52 -0.42 0.62	66.13 -0.46 -0.60	56.20 -0.40 0.00	46.52 -0.28 0.00	36.72 -0.18 0.00
ONTARIO____LFGE 23819	30.16 -0.42 -0.60	29.87 -0.48 -0.29	29.27 -0.44 -0.29	28.56 -0.46 -0.16	30.70 -0.41 0.01	30.87 -0.47 0.01	34.52 -0.46 0.01	33.85 -0.51 0.00	30.94 -0.83 0.01	27.13 -0.81 0.01	22.59 -0.73 -0.58	22.01 -0.80 -0.69	21.62 -0.76 -0.66	20.65 -0.75 -0.62	20.46 -0.74 -0.68	21.04 -0.82 -0.76	24.57 -0.89 -0.75	41.09 -1.10 -4.43	39.72 -1.20 7.24	58.72 -1.31 -0.48	68.27 -1.19 -3.47	55.57 -1.02 0.01	46.04 -0.75 0.01	36.46 -0.44 0.00
ORANGEVILLE_WT_PWR 323706	28.31 -2.19 -0.51	28.11 -2.19 -0.24	27.55 -2.12 -0.24	26.94 -2.05 -0.13	28.99 -2.12 0.01	29.17 -2.16 0.01	32.49 -2.48 0.02	32.07 -2.30 0.00	29.25 -2.51 0.02	25.61 -2.32 0.02	21.31 -1.93 -0.50	20.65 -2.06 -0.59	20.23 -2.06 -0.57	19.37 -1.93 -0.53	19.07 -2.03 -0.58	19.56 -2.19 -0.66	22.84 -2.52 -0.65	14.33 -3.55 19.87	34.20 -4.24 9.72	51.97 -4.77 2.81	59.78 -5.48 0.73	52.33 -4.25 0.02	43.27 -3.51 0.02	34.76 -2.14 0.00
ORANGEVILLE____ESR 323794	28.31 -2.19 -0.51	28.11 -2.19 -0.24	27.55 -2.12 -0.24	26.94 -2.05 -0.13	28.99 -2.12 0.01	29.17 -2.16 0.01	32.49 -2.48 0.02	32.07 -2.30 0.00	29.25 -2.51 0.02	25.61 -2.32 0.02	21.31 -1.93 -0.50	20.65 -2.06 -0.59	20.23 -2.06 -0.57	19.37 -1.93 -0.53	19.07 -2.03 -0.58	19.56 -2.19 -0.66	22.84 -2.52 -0.65	14.33 -3.55 19.87	34.20 -4.24 9.72	51.97 -4.77 2.81	59.78 -5.48 0.73	52.33 -4.25 0.02	43.27 -3.51 0.02	34.76 -2.14 0.00

OSWEGATCHIE___HYD 24044	28.91 -1.32 -0.25	28.89 -1.29 -0.12	28.34 -1.21 -0.12	27.83 -1.10 -0.07	30.03 -1.09 0.00	30.22 -1.13 0.00	33.87 -1.12 0.00	32.99 -1.38 0.00	30.38 -1.40 0.00	26.44 -1.51 0.00	21.66 -1.32 -0.24	21.20 -1.19 -0.28	20.78 -1.22 -0.27	19.85 -1.18 -0.25	19.57 -1.23 -0.28	20.21 -1.20 -0.31	23.70 -1.31 -0.31	35.94 -2.08 -0.26	46.57 -1.59 0.00	58.00 -1.55 0.00	64.94 -1.26 -0.21	55.52 -1.08 0.00	46.19 -0.61 0.00	36.28 -0.63 0.00
OSWEGO___5 23606	29.99 -0.57 -0.58	29.78 -0.57 -0.29	29.12 -0.59 -0.28	28.45 -0.58 -0.17	30.56 -0.56 0.00	30.75 -0.60 0.00	34.33 -0.67 0.00	33.72 -0.65 0.00	31.02 -0.76 0.00	27.28 -0.67 0.00	22.73 -0.57 -0.55	22.22 -0.55 -0.65	21.83 -0.52 -0.63	20.85 -0.52 -0.59	20.67 -0.49 -0.65	21.32 -0.51 -0.73	24.81 -0.62 -0.72	37.38 -0.98 -0.61	45.18 -1.40 1.58	57.43 -1.67 0.46	66.60 -1.78 -2.39	55.07 -1.53 0.00	45.58 -1.22 0.00	36.02 -0.89 0.00
OSWEGO___6 23613	29.99 -0.57 -0.58	29.78 -0.57 -0.29	29.12 -0.59 -0.28	28.45 -0.58 -0.17	30.56 -0.56 0.00	30.75 -0.60 0.00	34.33 -0.67 0.00	33.72 -0.65 0.00	31.02 -0.76 0.00	27.28 -0.67 0.00	22.73 -0.57 -0.55	22.22 -0.55 -0.65	21.83 -0.52 -0.63	20.85 -0.52 -0.59	20.67 -0.49 -0.65	21.32 -0.51 -0.73	24.81 -0.62 -0.72	37.38 -0.98 -0.61	45.18 -1.40 1.58	57.43 -1.67 0.46	66.60 -1.78 -2.39	55.07 -1.53 0.00	45.58 -1.22 0.00	36.02 -0.89 0.00
OUTOKUMPU-AB___DRP 24206	27.81 -2.70 -0.53	27.64 -2.68 -0.25	27.00 -2.68 -0.25	26.40 -2.60 -0.14	28.43 -2.68 0.01	28.64 -2.70 0.01	31.79 -3.18 0.02	31.41 -2.96 0.01	28.55 -3.21 0.02	25.05 -2.88 0.02	20.88 -2.37 -0.50	20.23 -2.48 -0.59	19.90 -2.39 -0.57	19.11 -2.20 -0.54	18.83 -2.28 -0.59	19.55 -2.22 -0.67	22.47 -2.89 -0.65	29.51 -4.15 4.09	35.28 -5.59 7.29	50.49 -6.85 2.21	57.36 -7.92 0.71	50.41 -6.17 0.02	42.24 -4.54 0.02	34.09 -2.80 0.01
OXBOW___BTM 323836	27.66 -2.85 -0.53	27.52 -2.79 -0.25	26.85 -2.82 -0.25	26.25 -2.74 -0.14	28.25 -2.86 0.01	28.42 -2.91 0.01	31.54 -3.43 0.03	31.19 -3.16 0.01	28.29 -3.46 0.03	24.88 -3.05 0.03	20.74 -2.50 -0.49	20.12 -2.59 -0.59	19.79 -2.50 -0.56	19.03 -2.29 -0.54	18.75 -2.36 -0.59	19.45 -2.32 -0.67	22.29 -3.06 -0.65	29.44 -4.38 3.93	34.81 -6.17 7.19	49.80 -7.56 2.19	57.03 -8.25 0.70	49.79 -6.79 0.02	41.82 -4.96 0.02	33.83 -3.06 0.01
OXBOW___ 24026	27.66 -2.85 -0.53	27.52 -2.80 -0.25	26.85 -2.82 -0.25	26.26 -2.74 -0.14	28.25 -2.86 0.01	28.42 -2.91 0.01	31.54 -3.43 0.03	31.19 -3.16 0.01	28.29 -3.46 0.03	24.88 -3.05 0.03	20.74 -2.50 -0.49	20.12 -2.59 -0.59	19.79 -2.50 -0.56	19.03 -2.29 -0.54	18.75 -2.36 -0.59	19.44 -2.32 -0.67	22.26 -3.09 -0.64	29.44 -4.38 3.93	34.76 -6.21 7.19	49.80 -7.56 2.19	56.64 -8.64 0.70	49.79 -6.79 0.02	41.82 -4.96 0.02	33.79 -3.10 0.01
OXY_CHEM_DSASP 323612	27.48 -3.03 -0.53	27.37 -2.95 -0.25	26.65 -3.03 -0.25	26.08 -2.91 -0.14	28.03 -3.08 0.01	28.17 -3.17 0.01	31.25 -3.71 0.03	30.91 -3.44 0.02	28.00 -3.75 0.03	24.65 -3.27 0.03	20.57 -2.66 -0.49	19.96 -2.74 -0.58	19.65 -2.63 -0.56	18.95 -2.63 -0.54	18.65 -2.46 -0.59	19.34 -2.43 -0.67	22.08 -3.26 -0.64	29.30 -4.68 3.77	34.16 -6.84 7.16	48.91 -8.46 2.19	55.78 -9.50 0.70	49.06 -7.53 0.02	41.36 -5.43 0.02	33.49 -3.40 0.02
OZONE_PARK_ESR 323760	40.25 2.52 -7.75	36.44 2.53 -3.85	35.58 2.32 -3.83	33.43 2.34 -2.23	33.45 2.33 0.00	33.85 2.51 0.00	37.69 2.69 0.00	37.26 2.89 0.00	34.54 2.76 0.00	30.63 2.68 0.00	32.51 2.30 -7.47	33.24 2.28 -8.84	32.47 2.28 -8.47	30.93 2.18 -7.98	31.37 2.11 -8.73	33.04 2.11 -9.83	36.70 2.32 -9.66	49.63 3.62 -8.26	54.89 4.77 -1.96	65.89 5.78 -0.56	72.01 5.87 -0.15	61.58 4.98 0.00	50.08 3.28 0.00	39.23 2.33 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	27.48 -3.03 -0.53	27.37 -2.95 -0.25	26.65 -3.03 -0.25	26.08 -2.91 -0.14	28.03 -3.08 0.01	28.17 -3.17 0.01	31.25 -3.71 0.03	30.91 -3.44 0.02	28.00 -3.75 0.03	24.65 -3.27 0.03	20.57 -2.66 -0.49	19.96 -2.74 -0.58	19.65 -2.63 -0.56	18.95 -2.37 -0.54	18.65 -2.46 -0.59	19.34 -2.43 -0.67	22.08 -3.26 -0.64	29.30 -4.68 3.77	34.16 -6.84 7.16	48.91 -8.46 2.19	55.78 -9.50 0.70	49.06 -7.53 0.02	41.36 -5.43 0.02	33.49 -3.40 0.02
PACKARD___115KV_DUPONT_184 80571	27.48 -3.03 -0.53	27.34 -2.98 -0.25	26.65 -3.03 -0.25	26.08 -2.91 -0.14	28.03 -3.08 0.01	28.17 -3.16 0.01	31.25 -3.71 0.03	30.91 -3.44 0.02	28.00 -3.75 0.03	24.65 -3.27 0.03	20.57 -2.66 -0.49	19.96 -2.74 -0.58	19.65 -2.63 -0.56	18.93 -2.39 -0.54	18.67 -2.44 -0.59	19.40 -2.36 -0.67	22.11 -3.24 -0.64	29.33 -4.64 3.77	34.16 -6.84 7.16	48.97 -8.40 2.19	56.25 -9.04 0.70	49.06 -7.53 0.02	41.36 -5.43 0.02	33.49 -3.39 0.02
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	40.10 2.37 -7.75	36.29 2.37 -3.85	35.43 2.18 -3.83	33.28 2.19 -2.23	33.29 2.18 0.00	33.54 2.19 0.00	37.27 2.27 0.00	36.81 2.44 0.00	34.13 2.35 0.00	30.30 2.35 0.00	32.24 2.02 -7.47	32.95 1.99 -8.84	32.21 2.02 -8.47	30.69 1.93 -7.98	31.12 1.87 -8.73	32.76 1.84 -9.83	36.37 2.00 -9.66	49.11 3.10 -8.26	54.17 4.05 -1.96	65.00 4.88 -0.56	71.02 4.88 -0.15	60.79 4.19 0.00	49.47 2.67 0.00	38.79 1.88 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	40.52 2.79 -7.75	36.74 2.83 -3.85	35.87 2.62 -3.83	33.71 2.63 -2.23	33.76 2.64 0.00	34.04 2.70 0.00	37.83 2.83 0.00	37.36 2.99 0.00	34.61 2.83 0.00	30.69 2.74 0.00	32.56 2.34 -7.47	33.26 2.30 -8.84	32.52 2.32 -8.47	30.98 2.22 -7.98	31.41 2.15 -8.73	33.06 2.13 -9.83	36.70 2.32 -9.66	49.63 3.62 -8.26	54.94 4.82 -1.96	66.01 5.90 -0.56	72.07 5.94 -0.15	61.69 5.09 0.00	50.12 3.32 0.00	39.30 2.40 0.00
PATROON___115KV_TB1 80586	39.84 1.02 -8.84	35.48 1.02 -4.39	34.79 1.00 -4.36	32.35 0.95 -2.55	32.08 0.96 0.00	32.35 1.00 0.00	36.11 1.12 0.00	35.47 1.10 0.00	32.70 0.92 0.00	28.79 0.84 0.00	31.94 0.68 -8.51	32.83 0.64 -10.07	31.98 0.61 -9.65	30.44 0.58 -9.09	31.04 0.57 -9.95	32.93 0.63 -11.20	36.43 0.72 -11.01	48.37 1.17 -9.45	49.70 1.54 0.00	61.46 1.91 0.00	67.84 1.85 0.00	58.19 1.58 0.00	48.02 1.22 0.00	37.87 0.96 0.00
PATTRSNVILLE___SOLAR 323815	40.46 1.26 -9.22	35.91 1.26 -4.58	35.22 1.24 -4.55	32.70 1.18 -2.66	32.36 1.25 0.00	32.60 1.26 0.00	36.43 1.44 0.00	35.67 1.31 0.00	32.60 0.82 0.00	28.59 0.64 0.00	32.01 0.45 -8.81	32.97 0.42 -10.43	32.11 0.39 -9.99	30.56 0.37 -9.41	31.19 0.37 -10.30	33.09 0.40 -11.60	36.80 0.69 -11.40	48.94 1.40 -9.79	51.56 1.93 -1.47	62.66 2.68 -0.42	68.80 2.71 -0.11	58.92 2.32 0.00	48.62 1.82 0.00	38.23 1.33 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	28.23 -2.28 -0.52	27.97 -2.34 -0.25	27.53 -2.15 -0.25	26.80 -2.19 -0.14	28.46 -2.64 0.01	28.70 -2.63 0.01	31.97 -3.01 0.02	31.58 -2.78 0.00	29.19 -2.57 0.02	25.59 -2.35 0.02	21.38 -1.87 -0.50	20.81 -1.90 -0.60	20.38 -1.91 -0.57	19.57 -1.75 -0.53	19.42 -1.68 -0.59	20.16 -1.60 -0.66	23.41 -1.95 -0.65	30.92 -2.60 4.22	36.73 -3.23 8.21	53.25 -3.87 2.43	60.07 -5.21 0.70	52.73 -3.85 0.02	42.66 -4.12 0.02	34.17 -2.73 0.00

PAWLING_115_KV_BK3_REV_LBMP_H 345028	40.03 2.25 -7.80	36.22 2.28 -3.88	35.43 2.15 -3.85	33.24 2.14 -2.25	33.23 2.12 0.00	33.63 2.29 0.00	37.51 2.52 0.00	36.98 2.61 0.00	34.23 2.45 0.00	30.21 2.26 0.00	32.13 1.87 -7.52	32.85 1.84 -8.90	32.07 1.82 -8.52	30.55 1.75 -8.03	31.01 1.70 -8.79	32.74 1.75 -9.89	36.39 1.95 -9.73	49.31 3.21 -8.35	54.33 4.24 -1.93	65.29 5.18 -0.56	71.41 5.28 -0.14	61.07 4.47 0.00	49.94 3.14 0.00	39.08 2.18 0.00
PEEKSKILL____ 23653	39.82 2.10 -7.74	36.01 2.10 -3.85	35.22 1.97 -3.82	33.05 1.96 -2.23	33.08 1.96 0.00	33.44 2.10 0.00	37.26 2.27 0.00	36.77 2.41 0.00	34.07 2.29 0.00	30.13 2.18 0.00	32.07 1.87 -7.46	32.78 1.83 -8.83	32.03 1.85 -8.45	30.53 1.81 -7.95	30.96 1.74 -8.70	32.60 1.71 -9.79	36.26 1.93 -9.63	49.07 3.06 -8.27	54.13 4.00 -1.97	64.94 4.82 -0.57	70.95 4.81 -0.15	60.73 4.13 0.00	49.51 2.71 0.00	38.86 1.95 0.00
PGE MADISON__WINDPWR 24146	34.20 1.59 -2.63	32.99 1.62 -1.31	32.40 1.68 -1.30	31.15 1.53 -0.76	32.89 1.77 0.00	33.16 1.82 0.00	37.34 2.34 0.00	36.43 2.06 0.00	33.21 1.43 0.00	28.68 0.73 0.00	25.64 0.43 -2.47	25.53 0.51 -2.90	24.98 0.48 -2.78	23.88 0.48 -2.62	23.82 0.43 -2.87	24.71 0.38 -3.23	28.65 0.77 -3.17	43.22 1.70 -3.77	53.79 2.60 -3.03	64.73 4.17 -1.00	71.35 4.69 -0.67	60.45 3.85 0.00	49.85 3.04 0.00	39.08 2.18 0.00
PIERCEFIELD__HYD 23852	28.92 -1.20 -0.14	28.96 -1.17 -0.07	28.38 -1.12 -0.07	27.83 -1.07 -0.04	29.97 -1.15 0.00	30.03 -1.32 0.00	33.66 -1.33 0.00	32.82 -1.55 0.00	30.38 -1.40 0.00	26.61 -1.34 0.00	21.74 -1.14 -0.13	21.26 -1.02 -0.16	20.81 -1.06 -0.15	19.88 -1.04 -0.14	19.67 -1.01 -0.16	20.35 -0.93 -0.18	23.87 -1.01 -0.17	36.01 -1.89 -0.15	46.28 -1.88 0.00	57.29 -2.26 0.00	64.32 -1.78 -0.11	54.90 -1.70 0.00	45.72 -1.08 0.00	36.02 -0.89 0.00
PINELAWN_CC_I 323563	40.62 2.88 -7.76	36.81 2.89 -3.86	36.00 2.74 -3.84	33.81 2.71 -2.24	33.86 2.74 -0.01	34.27 2.92 -0.01	38.18 3.18 -0.01	37.71 3.33 -0.01	34.93 3.15 -0.01	30.89 2.93 -0.01	32.66 2.43 -7.48	39.54 2.39 -15.03	39.45 2.41 -15.31	32.01 2.33 -8.91	33.75 2.24 -10.99	33.11 2.21 -9.80	44.57 2.49 -17.37	51.26 3.85 -9.66	55.00 4.86 -1.97	65.97 5.84 -0.57	72.21 6.07 -0.15	61.65 5.04 -0.01	50.55 3.75 -0.01	39.76 2.84 -0.01
PJM_GEN_HTP_PROXY 323702	40.04 2.31 -7.75	36.23 2.31 -3.85	35.40 2.15 -3.83	33.22 2.14 -2.23	33.23 2.12 0.00	33.66 2.32 0.00	37.48 2.48 0.00	37.02 2.65 0.00	34.35 2.57 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.06 2.10 -8.84	32.32 2.13 -8.47	30.77 2.06 -7.94	31.16 1.95 -8.69	32.80 1.92 -9.79	36.86 2.15 -10.00	48.95 3.32 -7.88	54.46 4.34 -1.96	65.36 5.24 -0.56	71.34 5.21 -0.15	61.13 4.53 0.00	49.70 2.90 0.00	38.97 2.07 0.00
PJM_GEN_KEystone 24065	34.39 0.06 -4.35	32.28 0.06 -2.16	31.57 0.00 -2.14	30.13 0.03 -1.25	31.02 -0.09 0.00	31.28 -0.06 0.00	34.88 -0.10 0.01	34.44 0.07 0.00	31.74 -0.03 0.01	28.00 0.06 0.01	27.03 0.09 -4.19	27.15 0.07 -4.96	26.56 0.09 -4.75	25.45 0.19 -4.49	25.54 0.10 -4.91	26.63 0.00 -5.53	30.56 0.02 -5.83	41.40 0.15 -3.50	45.03 0.34 3.48	58.91 0.36 1.00	65.60 -0.13 0.26	56.65 0.06 0.01	46.37 -0.42 0.01	36.76 -0.15 0.00
PJM_GEN_NEPTUNE_PROXY 323594	40.29 2.55 -7.76	36.48 2.55 -3.86	35.70 2.44 -3.83	33.49 2.39 -2.24	33.52 2.40 -0.01	33.92 2.57 -0.01	37.83 2.83 -0.01	37.33 2.96 -0.01	34.61 2.83 -0.01	30.61 2.66 -0.01	32.41 2.18 -7.48	36.36 2.14 -12.09	35.96 2.17 -12.07	31.33 2.10 -8.45	32.44 2.01 -9.90	32.87 1.98 -9.79	41.01 2.22 -14.08	49.72 3.36 -8.61	54.51 4.38 -1.97	65.30 5.18 -0.57	71.48 5.34 -0.15	60.91 4.30 -0.01	49.99 3.18 -0.01	39.28 2.36 -0.01
PJM_GEN_VFT_PROXY 323633	39.95 2.22 -7.75	36.14 2.22 -3.85	35.28 2.03 -3.83	33.14 2.05 -2.23	33.14 2.02 0.00	33.57 2.23 0.00	37.37 2.38 0.00	36.95 2.58 0.00	34.29 2.51 0.00	30.41 2.46 0.00	32.31 2.09 -7.47	33.04 2.08 -8.84	32.30 2.11 -8.47	30.75 2.04 -7.94	31.14 1.93 -8.69	32.76 1.88 -9.79	36.81 2.10 -10.00	48.87 3.25 -7.88	54.36 4.24 -1.96	65.24 5.12 -0.56	71.21 5.08 -0.15	60.96 4.36 0.00	49.51 2.71 0.00	38.86 1.95 0.00
PLATSBURG_115KV_PMLD1 355749	29.53 -0.45 0.00	29.61 -0.45 0.00	28.98 -0.44 0.00	28.45 -0.40 0.00	30.74 -0.37 0.00	31.00 -0.34 0.00	34.71 -0.28 0.00	33.99 -0.38 0.00	31.52 -0.25 0.00	27.67 -0.28 0.00	22.47 -0.27 0.00	21.88 -0.24 0.00	21.44 -0.28 0.00	20.49 -0.29 0.00	20.27 -0.25 0.00	20.87 -0.23 0.00	24.49 -0.22 0.00	37.37 -0.38 0.00	47.92 -0.24 0.00	59.31 -0.24 0.00	66.32 0.33 0.00	56.71 0.11 0.00	46.94 0.14 0.00	37.05 0.15 0.00
PLEASANTVLY__LBMP 24000	39.77 1.86 -7.93	35.90 1.89 -3.94	35.11 1.77 -3.91	32.90 1.76 -2.28	32.86 1.74 0.00	33.22 1.88 0.00	37.02 2.03 0.00	36.53 2.17 0.00	33.81 2.03 0.00	29.88 1.93 0.00	32.05 1.66 -7.65	32.81 1.64 -9.05	32.03 1.63 -8.67	30.52 1.58 -8.17	31.00 1.54 -8.94	32.70 1.54 -10.07	36.33 1.73 -9.90	48.96 2.72 -8.49	53.53 3.52 -1.85	64.31 4.23 -0.53	70.35 4.22 -0.14	60.22 3.62 0.00	49.28 2.48 0.00	38.68 1.77 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	39.93 2.19 -7.76	36.15 2.22 -3.86	35.32 2.06 -3.83	33.14 2.05 -2.24	33.17 2.05 0.00	33.54 2.19 0.00	37.37 2.38 0.00	36.91 2.54 0.00	34.19 2.42 0.00	30.27 2.32 0.00	32.21 1.98 -7.49	32.95 1.97 -8.86	32.19 1.98 -8.48	30.68 1.91 -7.99	31.12 1.85 -8.75	32.81 1.86 -9.85	36.47 2.08 -9.68	49.28 3.25 -8.28	54.30 4.19 -1.95	65.24 5.12 -0.56	71.28 5.15 -0.14	60.96 4.36 0.00	49.70 2.90 0.00	38.94 2.03 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	39.93 2.19 -7.76	36.15 2.22 -3.86	35.32 2.06 -3.83	33.14 2.05 -2.24	33.17 2.05 0.00	33.54 2.19 0.00	37.37 2.38 0.00	36.91 2.54 0.00	34.19 2.42 0.00	30.27 2.32 0.00	32.21 1.98 -7.49	32.95 1.97 -8.86	32.19 1.98 -8.48	30.68 1.91 -7.99	31.12 1.85 -8.75	32.81 1.86 -9.85	36.47 2.08 -9.68	49.28 3.25 -8.28	54.30 4.19 -1.95	65.24 5.12 -0.56	71.28 5.15 -0.14	60.96 4.36 0.00	49.70 2.90 0.00	38.94 2.03 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	39.94 2.07 -7.89	36.06 2.07 -3.92	35.26 1.94 -3.90	33.06 1.93 -2.27	33.05 1.93 0.00	33.41 2.07 0.00	37.27 2.27 0.00	36.74 2.37 0.00	33.94 2.16 0.00	29.93 1.98 0.00	32.01 1.66 -7.60	32.76 1.64 -9.00	31.97 1.63 -8.62	30.43 1.54 -8.12	30.93 1.52 -8.89	32.67 1.56 -10.01	36.30 1.75 -9.84	49.03 2.83 -8.44	53.80 3.76 -1.88	64.80 4.70 -0.54	70.88 4.75 -0.14	60.62 4.02 0.00	49.65 2.85 0.00	38.94 2.03 0.00
POLETTI____ 23519	40.07 2.34 -7.75	36.26 2.34 -3.85	35.40 2.15 -3.83	33.25 2.16 -2.23	33.26 2.15 0.00	33.69 2.35 0.00	37.48 2.48 0.00	37.02 2.65 0.00	34.32 2.54 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.06 2.10 -8.84	32.32 2.13 -8.47	30.77 2.02 -7.98	31.18 1.93 -8.73	32.85 1.92 -9.83	36.50 2.12 -9.66	49.29 3.28 -8.26	54.41 4.29 -1.96	65.30 5.18 -0.56	71.35 5.21 -0.15	61.02 4.41 0.00	49.70 2.90 0.00	38.94 2.03 0.00

POMONA___ESR 323819	39.58 2.04 -7.56	35.87 2.05 -3.76	35.07 1.91 -3.73	32.94 1.90 -2.18	33.01 1.90 0.00	33.38 2.04 0.00	37.16 2.17 0.00	36.71 2.34 0.00	33.97 2.19 0.00	30.05 2.10 0.00	31.83 1.80 -7.29	32.51 1.77 -8.63	31.77 1.78 -8.26	30.37 1.79 -7.80	30.79 1.72 -8.54	32.42 1.71 -9.62	36.09 1.93 -9.45	48.89 3.02 -8.12	54.19 3.95 -2.08	64.97 4.82 -0.60	70.96 4.81 -0.15	60.68 4.08 0.00	49.51 2.71 0.00	38.86 1.95 0.00
PORT_JEFF_3 23555	40.80 3.06 -7.76	37.02 3.10 -3.86	36.17 2.91 -3.83	34.01 2.91 -2.24	34.11 2.99 -0.01	34.52 3.16 -0.01	38.43 3.43 -0.01	37.99 3.61 -0.01	35.19 3.40 -0.01	31.14 3.19 -0.01	32.91 2.68 -7.48	39.27 2.63 -14.52	39.13 2.65 -14.75	32.16 2.55 -8.83	33.76 2.44 -10.80	33.34 2.45 -9.80	44.14 2.69 -16.74	51.49 4.19 -9.55	55.19 5.06 -1.97	66.38 6.25 -0.57	72.61 6.47 -0.15	62.04 5.43 -0.01	50.93 4.12 -0.01	40.09 3.17 -0.01
PORT_JEFF_4 23616	40.80 3.06 -7.76	37.02 3.10 -3.86	36.17 2.91 -3.83	34.01 2.91 -2.24	34.11 2.99 -0.01	34.52 3.16 -0.01	38.43 3.43 -0.01	37.99 3.61 -0.01	35.19 3.40 -0.01	31.14 3.19 -0.01	32.91 2.68 -7.48	39.27 2.63 -14.52	39.13 2.65 -14.75	32.16 2.55 -8.83	33.76 2.44 -10.80	33.34 2.45 -9.80	44.14 2.69 -16.74	51.49 4.19 -9.55	55.19 5.06 -1.97	66.38 6.25 -0.57	72.61 6.47 -0.15	62.04 5.43 -0.01	50.93 4.12 -0.01	40.09 3.17 -0.01
PORT_JEFF_IC 23713	40.89 3.15 -7.76	37.08 3.16 -3.86	36.23 2.97 -3.84	34.07 2.97 -2.24	34.21 3.08 -0.01	34.58 3.23 -0.01	38.50 3.50 -0.01	38.09 3.71 -0.01	35.25 3.46 -0.01	31.20 3.24 -0.01	32.98 2.75 -7.48	39.35 2.70 -14.54	39.21 2.72 -14.77	32.24 2.60 -8.87	33.87 2.50 -10.85	33.49 2.55 -9.84	44.30 2.79 -16.80	51.60 4.30 -9.55	55.38 5.25 -1.97	66.62 6.49 -0.57	72.94 6.80 -0.15	62.21 5.60 -0.01	51.16 4.35 -0.01	40.16 3.25 -0.01
PPL PILGRIM_ST_GT1 24216	40.80 3.06 -7.76	36.99 3.07 -3.86	36.15 2.89 -3.84	33.98 2.89 -2.24	34.08 2.96 -0.01	34.49 3.13 -0.01	38.39 3.39 -0.01	37.95 3.57 -0.01	35.12 3.34 -0.01	31.09 3.13 -0.01	32.86 2.64 -7.48	39.31 2.59 -14.61	39.18 2.61 -14.85	32.11 2.49 -8.84	33.76 2.40 -10.84	33.28 2.38 -9.80	44.22 2.67 -16.84	51.43 4.12 -9.56	54.99 4.86 -1.97	66.02 5.90 -0.57	72.28 6.14 -0.15	61.71 5.10 -0.01	50.88 4.07 -0.01	40.02 3.10 -0.01
PPL PILGRIM_ST_GT2 24217	40.80 3.06 -7.76	36.99 3.07 -3.86	36.15 2.89 -3.84	33.98 2.89 -2.24	34.08 2.96 -0.01	34.49 3.13 -0.01	38.39 3.39 -0.01	37.95 3.57 -0.01	35.12 3.34 -0.01	31.09 3.13 -0.01	32.86 2.64 -7.48	39.31 2.59 -14.61	39.18 2.61 -14.85	32.11 2.49 -8.84	33.76 2.40 -10.84	33.28 2.38 -9.80	44.22 2.67 -16.84	51.43 4.12 -9.56	54.99 4.86 -1.97	66.02 5.90 -0.57	72.28 6.14 -0.15	61.71 5.10 -0.01	50.88 4.07 -0.01	40.02 3.10 -0.01
PPL_SHRM_GT3 24213	40.83 3.09 -7.76	37.05 3.13 -3.86	36.17 2.91 -3.84	34.04 2.94 -2.24	34.18 3.05 -0.01	34.58 3.23 -0.01	38.50 3.50 -0.01	38.12 3.75 -0.01	35.25 3.46 -0.01	31.23 3.27 -0.01	33.00 2.77 -7.48	39.35 2.70 -14.53	39.20 2.72 -14.76	32.22 2.62 -8.83	33.83 2.50 -10.81	33.40 2.51 -9.80	44.22 2.77 -16.75	51.64 4.34 -9.55	55.43 5.30 -1.97	66.74 6.61 -0.57	73.07 6.93 -0.15	62.39 5.78 -0.01	51.16 4.35 -0.01	40.27 3.36 -0.01
PPL_SHRM_GT4 24214	40.83 3.09 -7.76	37.05 3.13 -3.86	36.17 2.91 -3.84	34.04 2.94 -2.24	34.18 3.05 -0.01	34.58 3.23 -0.01	38.50 3.50 -0.01	38.12 3.75 -0.01	35.25 3.46 -0.01	31.23 3.27 -0.01	33.00 2.77 -7.48	39.35 2.70 -14.53	39.20 2.72 -14.76	32.22 2.62 -8.83	33.83 2.50 -10.81	33.40 2.51 -9.80	44.22 2.77 -16.75	51.64 4.34 -9.55	55.43 5.30 -1.97	66.74 6.61 -0.57	73.07 6.93 -0.15	62.39 5.78 -0.01	51.16 4.35 -0.01	40.27 3.36 -0.01
PROJECT___ORANGE 1 24174	30.53 -0.18 -0.72	30.24 -0.18 -0.36	29.61 -0.18 -0.36	28.86 -0.20 -0.21	30.96 -0.16 0.00	31.15 -0.19 0.00	34.78 -0.21 0.00	34.13 -0.24 0.00	31.40 -0.38 0.00	27.61 -0.34 0.00	23.14 -0.30 -0.69	22.65 -0.29 -0.82	22.25 -0.26 -0.78	21.27 -0.25 -0.74	21.08 -0.25 -0.81	21.73 -0.27 -0.91	25.28 -0.32 -0.89	38.07 -0.45 -0.77	45.42 -0.72 2.02	58.20 -0.77 0.58	65.31 -0.86 -0.18	55.86 -0.74 0.00	46.29 -0.51 0.00	36.50 -0.41 0.00
PROJECT___ORANGE 2 24166	30.53 -0.18 -0.72	30.24 -0.18 -0.36	29.61 -0.18 -0.36	28.86 -0.20 -0.21	30.96 -0.16 0.00	31.15 -0.19 0.00	34.78 -0.21 0.00	34.13 -0.24 0.00	31.40 -0.38 0.00	27.61 -0.34 0.00	23.14 -0.30 -0.69	22.65 -0.29 -0.82	22.25 -0.26 -0.78	21.27 -0.25 -0.74	21.08 -0.25 -0.81	21.73 -0.27 -0.91	25.28 -0.32 -0.89	38.07 -0.45 -0.77	45.42 -0.72 2.02	58.20 -0.77 0.58	65.31 -0.86 -0.18	55.86 -0.74 0.00	46.29 -0.51 0.00	36.50 -0.41 0.00
PUCKETT___SOLAR 323809	33.96 0.81 -3.17	32.46 0.81 -1.58	31.79 0.79 -1.57	30.53 0.75 -0.92	31.93 0.81 -0.01	32.13 0.78 -0.01	36.02 1.02 -0.01	35.26 0.89 0.00	32.36 0.57 -0.01	28.30 0.34 -0.01	25.92 0.20 -2.97	25.85 0.22 -3.51	25.28 0.20 -3.36	24.18 0.23 -3.17	24.20 0.21 -3.47	25.15 0.15 -3.91	28.87 0.32 -3.84	41.34 0.79 -2.79	60.44 1.06 -11.22	64.55 1.67 -3.33	68.92 1.71 -1.22	58.09 1.47 -0.02	47.89 1.08 -0.02	37.72 0.81 0.00
PYRITES___HYD 24023	29.39 -0.72 -0.13	29.43 -0.69 -0.06	28.81 -0.68 -0.06	28.26 -0.63 -0.04	30.43 -0.68 0.00	30.53 -0.81 0.00	34.22 -0.77 0.00	33.34 -1.03 0.00	30.79 -0.99 0.00	26.92 -1.03 0.00	21.98 -0.89 -0.12	21.47 -0.80 -0.15	21.04 -0.83 -0.14	20.08 -0.83 -0.13	19.86 -0.80 -0.14	20.52 -0.74 -0.16	24.13 -0.74 -0.16	36.57 -1.32 -0.14	47.10 -1.06 0.00	58.48 -1.07 0.00	65.76 -0.33 -0.10	56.09 -0.51 0.00	46.61 -0.19 0.00	36.68 -0.22 0.00
QUAKERRD_115KV_BK1 80622	28.83 -1.71 -0.56	28.59 -1.74 -0.27	27.93 -1.77 -0.27	27.28 -1.73 -0.15	29.46 -1.65 0.00	29.61 -1.72 0.00	33.06 -1.92 0.01	32.51 -1.86 0.00	29.64 -2.13 0.01	26.07 -1.87 0.01	21.71 -1.57 -0.54	21.14 -1.61 -0.64	20.79 -1.54 -0.61	19.87 -1.48 -0.57	19.65 -1.50 -0.63	20.29 -1.52 -0.71	23.53 -1.88 -0.70	35.66 -2.98 -0.89	39.39 -3.90 4.88	53.06 -4.65 1.84	60.02 -4.95 1.02	52.52 -4.08 0.01	43.98 -2.81 0.01	35.02 -1.88 0.00
QUENSBRY_115KV_TB8 356137	40.73 1.74 -9.01	36.26 1.71 -4.48	35.55 1.68 -4.45	33.07 1.62 -2.60	32.80 1.68 0.00	33.10 1.76 0.00	36.99 1.99 0.00	36.09 1.72 0.00	33.11 1.33 0.00	29.07 1.12 0.00	32.23 0.82 -8.66	33.08 0.71 -10.26	32.20 0.65 -9.82	30.59 0.56 -9.25	31.24 0.60 -10.13	33.22 0.72 -11.40	36.81 0.89 -11.21	49.19 1.81 -9.62	50.71 2.55 0.00	63.25 3.69 0.00	69.88 3.89 0.00	59.77 3.17 0.00	49.33 2.53 0.00	38.68 1.77 0.00
RAMAPO___LBMP 323565	39.42 1.92 -7.52	35.72 1.92 -3.74	34.93 1.79 -3.71	32.81 1.79 -2.17	32.89 1.77 0.00	33.25 1.91 0.00	37.06 2.06 0.00	36.57 2.20 0.00	33.85 2.07 0.00	29.94 1.98 0.00	31.76 1.71 -7.31	32.37 1.68 -8.57	31.63 1.69 -8.21	30.21 1.70 -7.73	30.65 1.66 -8.47	32.30 1.67 -9.53	35.93 1.85 -9.37	48.74 2.91 -8.08	54.02 3.76 -2.10	64.74 4.59 -0.61	70.76 4.62 -0.16	60.45 3.85 0.00	49.42 2.62 0.00	38.75 1.85 0.00



RANKINE_____	28.11	27.91	27.32	26.69	28.65	28.86	32.11	31.72	29.00	25.42	21.20	20.59	20.19	19.38	19.14	19.84	22.92	29.04	35.65	51.76	58.82	51.66	42.76	34.39
23646	-2.40	-2.40	-2.35	-2.31	-2.46	-2.48	-2.87	-2.65	-2.76	-2.52	-2.05	-2.12	-2.11	-1.93	-1.97	-1.92	-2.45	-3.59	-4.53	-5.42	-6.47	-4.92	-4.02	-2.51
	-0.52	-0.25	-0.25	-0.14	0.01	0.01	0.02	0.00	0.02	0.02	-0.50	-0.60	-0.57	-0.53	-0.59	-0.66	-0.65	5.12	7.98	2.38	0.70	0.02	0.02	0.00
RAVENSWOOD_GT2_1	40.04	36.26	35.40	33.25	33.26	33.66	37.48	37.02	34.32	30.44	32.35	33.06	32.32	30.77	31.20	32.85	36.50	49.29	54.41	65.30	71.35	61.07	49.70	38.97
24244	2.31	2.34	2.15	2.16	2.15	2.32	2.48	2.65	2.54	2.49	2.14	2.10	2.13	2.02	1.95	1.92	2.12	3.28	4.29	5.18	5.21	4.47	2.90	2.07
	-7.75	-3.85	-3.83	-2.23	0.00	0.00	0.00	0.00	0.00	0.00	-7.47	-8.84	-8.47	-7.98	-8.73	-9.83	-9.66	-8.26	-1.96	-0.56	-0.15	0.00	0.00	0.00
RAVENSWOOD_GT2_2	40.04	36.26	35.40	33.25	33.26	33.66	37.48	37.02	34.32	30.44	32.35	33.06	32.32	30.77	31.20	32.85	36.50	49.29	54.41	65.30	71.35	61.07	49.70	38.97
24245	2.31	2.34	2.15	2.16	2.15	2.32	2.48	2.65	2.54	2.49	2.14	2.10	2.13	2.02	1.95	1.92	2.12	3.28	4.29	5.18	5.21	4.47	2.90	2.07
	-7.75	-3.85	-3.83	-2.23	0.00	0.00	0.00	0.00	0.00	0.00	-7.47	-8.84	-8.47	-7.98	-8.73	-9.83	-9.66	-8.26	-1.96	-0.56	-0.15	0.00	0.00	0.00
RAVENSWOOD_GT2_3	40.07	36.26	35.40	33.25	33.26	33.69	37.48	37.05	34.35	30.44	32.35	33.06	32.32	30.77	31.20	32.87	36.50	49.33	54.41	65.30	71.35	61.07	49.75	38.97
24246	2.34	2.34	2.15	2.16	2.15	2.35	2.48	2.68	2.57	2.49	2.14	2.10	2.13	2.02	1.95	1.94	2.12	3.32	4.29	5.18	5.21	4.47	2.95	2.07
	-7.75	-3.85	-3.83	-2.23	0.00	0.00	0.00	0.00	0.00	0.00	-7.47	-8.84	-8.47	-7.98	-8.73	-9.83	-9.66	-8.26	-1.96	-0.56	-0.15	0.00	0.00	0.00
RAVENSWOOD_GT2_4	40.07	36.26	35.40	33.25	33.26	33.69	37.48	37.05	34.35	30.44	32.35	33.06	32.32	30.77	31.20	32.87	36.50	49.33	54.41	65.30	71.35	61.07	49.75	38.97
24247	2.34	2.34	2.15	2.16	2.15	2.35	2.48	2.68	2.57	2.49	2.14	2.10	2.13	2.02	1.95	1.94	2.12	3.32	4.29	5.18	5.21	4.47	2.95	2.07
	-7.75	-3.85	-3.83	-2.23	0.00	0.00	0.00	0.00	0.00	0.00	-7.47	-8.84	-8.47	-7.98	-8.73	-9.83	-9.66	-8.26	-1.96	-0.56	-0.15	0.00	0.00	0.00
RAVENSWOOD_GT3_1	40.04	36.23	35.40	33.25	33.26	33.66	37.48	37.02	34.32	30.44	32.35	33.06	32.32	30.77	31.20	32.87	36.50	49.33	54.46	65.36	71.41	61.07	49.75	38.97
24248	2.31	2.31	2.15	2.16	2.15	2.32	2.48	2.65	2.54	2.49	2.14	2.10	2.13	2.02	1.95	1.94	2.12	3.32	4.33	5.24	5.28	4.47	2.95	2.07
	-7.75	-3.85	-3.83	-2.23	0.00	0.00	0.00	0.00	0.00	0.00	-7.47	-8.84	-8.47	-7.98	-8.73	-9.83	-9.66	-8.26	-1.96	-0.56	-0.15	0.00	0.00	0.00
RAVENSWOOD_GT3_2	40.04	36.23	35.40	33.25	33.26	33.66	37.48	37.02	34.32	30.44	32.35	33.06	32.32	30.77	31.20	32.87	36.50	49.33	54.46	65.36	71.41	61.07	49.75	38.97
24249	2.31	2.31	2.15	2.16	2.15	2.32	2.48	2.65	2.54	2.49	2.14	2.10	2.13	2.02	1.95	1.94	2.12	3.32	4.33	5.24	5.28	4.47	2.95	2.07
	-7.75	-3.85	-3.83	-2.23	0.00	0.00	0.00	0.00	0.00	0.00	-7.47	-8.84	-8.47	-7.98	-8.73	-9.83	-9.66	-8.26	-1.96	-0.56	-0.15	0.00	0.00	0.00
RAVENSWOOD_GT3_3	40.07	36.29	35.43	33.28	33.29	33.69	37.51	37.08	34.38	30.47	32.38	33.11	32.34	30.81	31.24	32.89	36.55	49.37	54.51	65.42	71.48	61.18	49.80	39.01
24250	2.34	2.37	2.18	2.19	2.18	2.35	2.52	2.72	2.61	2.52	2.16	2.15	2.15	2.06	1.99	1.96	2.17	3.36	4.38	5.30	5.34	4.58	3.00	2.10
	-7.75	-3.85	-3.83	-2.23	0.00	0.00	0.00	0.00	0.00	0.00	-7.47	-8.84	-8.47	-7.98	-8.73	-9.83	-9.66	-8.26	-1.96	-0.56	-0.15	0.00	0.00	0.00
RAVENSWOOD_GT3_4	40.07	36.29	35.43	33.28	33.29	33.69	37.51	37.08	34.38	30.47	32.38	33.11	32.34	30.81	31.24	32.89	36.55	49.37	54.51	65.42	71.48	61.18	49.80	39.01
24251	2.34	2.37	2.18	2.19	2.18	2.35	2.52	2.72	2.61	2.52	2.16	2.15	2.15	2.06	1.99	1.96	2.17	3.36	4.38	5.30	5.34	4.58	3.00	2.10
	-7.75	-3.85	-3.83	-2.23	0.00	0.00	0.00	0.00	0.00	0.00	-7.47	-8.84	-8.47	-7.98	-8.73	-9.83	-9.66	-8.26	-1.96	-0.56	-0.15	0.00	0.00	0.00
RAVENSWOOD_GT_1	40.10	36.32	35.46	33.31	33.33	33.69	37.48	37.02	34.29	30.44	32.35	33.06	32.34	30.79	31.22	32.87	36.50	49.33	54.46	65.36	71.35	61.13	49.75	38.97
23729	2.37	2.40	2.21	2.22	2.21	2.35	2.48	2.65	2.51	2.49	2.14	2.10	2.15	2.04	1.97	1.94	2.12	3.32	4.33	5.24	5.21	4.53	2.95	2.07
	-7.75	-3.85	-3.83	-2.23	0.00	0.00	0.00	0.00	0.00	0.00	-7.47	-8.84	-8.47	-7.98	-8.73	-9.83	-9.66	-8.26	-1.96	-0.56	-0.15	0.00	0.00	0.00
RAVENSWOOD_GT_10	40.04	36.26	35.40	33.25	33.26	33.66	37.48	37.02	34.32	30.44	32.35	33.06	32.32	30.77	31.20	32.85	36.50	49.29	54.41	65.30	71.35	61.07	49.70	38.97
24258	2.31	2.34	2.15	2.16	2.15	2.32	2.48	2.65	2.54	2.49	2.14	2.10	2.13	2.02	1.95	1.92	2.12	3.28	4.29	5.18	5.21	4.47	2.90	2.07
	-7.75	-3.85	-3.83	-2.23	0.00	0.00	0.00	0.00	0.00	0.00	-7.47	-8.84	-8.47	-7.98	-8.73	-9.83	-9.66	-8.26	-1.96	-0.56	-0.15	0.00	0.00	0.00
RAVENSWOOD_GT_11	40.04	36.26	35.40	33.25	33.26	33.66	37.48	37.02	34.32	30.44	32.35	33.06	32.32	30.77	31.20	32.85	36.50	49.29	54.41	65.30	71.35	61.07	49.70	38.97
24259	2.31	2.34	2.15	2.16	2.15	2.32	2.48	2.65	2.54	2.49	2.14	2.10	2.13	2.02	1.95	1.92	2.12	3.28	4.29	5.18	5.21	4.47	2.90	2.07
	-7.75	-3.85	-3.83	-2.23	0.00	0.00	0.00	0.00	0.00	0.00	-7.47	-8.84	-8.47	-7.98	-8.73	-9.83	-9.66	-8.26	-1.96	-0.56	-0.15	0.00	0.00	0.00
RAVENSWOOD_GT_4	40.04	36.26	35.40	33.25	33.26	33.66	37.44	37.02	34.32	30.41	32.33	33.06	32.32	30.77	31.20	32.87	36.50	49.29	54.41	65.30	71.35	61.07	49.70	38.97
24252	2.31	2.34	2.15	2.16	2.15	2.32	2.45	2.65	2.54	2.46	2.12	2.10	2.13	2.02	1.95	1.94	2.12	3.28	4.29	5.18	5.21	4.47	2.90	2.07
	-7.75	-3.85	-3.82	-2.23	0.00	0.00	0.00	0.00	0.00	0.00	-7.47	-8.84	-8.47	-7.98	-8.73	-9.83	-9.66	-8.26	-1.96	-0.56	-0.15	0.00	0.00	0.00
RAVENSWOOD_GT_5	40.04	36.26	35.40	33.25	33.26	33.66	37.44	37.02	34.32	30.41	32.33	33.06	32.32	30.77	31.20	32.87	36.50	49.29	54.41	65.30	71.35	61.07	49.70	38.97
24254	2.31	2.34	2.15	2.16	2.15	2.32	2.45	2.65	2.54	2.46	2.12	2.10	2.13	2.02	1.95	1.94	2.12	3.28	4.29	5.18	5.21	4.47	2.90	2.07
	-7.75	-3.85	-3.82	-2.23	0.00	0.00	0.00	0.00	0.00	0.00	-7.47	-8.84	-8.47	-7.98	-8.73	-9.83	-9.66	-8.26	-1.96	-0.56	-0.15	0.00	0.00	0.00
RAVENSWOOD_GT_6	40.04	36.26	35.40	33.25	33.26	33.66	37.44	37.02	34.32	30.41	32.33	33.06	32.32	30.77	31.20	32.87	36.50	49.29	54.41	65.30	71.35	61.07	49.70	38.97
24253	2.31	2.34	2.15	2.16	2.15	2.32	2.45	2.65	2.54	2.46	2.12	2.10	2.13	2.02	1.95	1.94	2.12	3.28	4.29	5.18	5.21	4.47	2.90	2.07
	-7.75	-3.85	-3.82	-2.23	0.00	0.00	0.00	0.00	0.00	0.00	-7.47	-8.84	-8.47	-7.98	-8.73	-9.83	-9.66	-8.26	-1.96	-0.56	-0.15	0.00	0.00	0.00

RAVENSWOOD_GT_7 24255	40.04 2.31 -7.75	36.26 2.34 -3.85	35.40 2.15 -3.82	33.25 2.16 -2.23	33.26 2.15 0.00	33.66 2.32 0.00	37.44 2.45 0.00	37.02 2.65 0.00	34.32 2.54 0.00	30.41 2.46 0.00	32.33 2.12 -7.47	33.06 2.10 -8.84	32.32 2.13 -8.47	30.77 2.02 -7.98	31.20 1.95 -8.73	32.87 1.94 -9.83	36.50 2.12 -9.66	49.29 3.28 -8.26	54.41 4.29 -1.96	65.30 5.18 -0.56	71.35 5.21 -0.15	61.07 4.47 0.00	49.70 2.90 0.00	38.97 2.07 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	40.04 2.31 -7.75	36.26 2.34 -3.85	35.40 2.15 -3.83	33.25 2.16 -2.23	33.26 2.15 0.00	33.66 2.32 0.00	37.48 2.48 0.00	37.02 2.65 0.00	34.32 2.54 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.06 2.10 -8.84	32.32 2.13 -8.47	30.77 2.02 -7.98	31.20 1.95 -8.73	32.85 1.92 -9.83	36.50 2.12 -9.66	49.29 3.28 -8.26	54.41 4.29 -1.96	65.30 5.18 -0.56	71.35 5.21 -0.15	61.07 4.47 0.00	49.70 2.90 0.00	38.97 2.07 0.00
RAVENSWOOD_GT_9 24257	40.04 2.31 -7.75	36.26 2.34 -3.85	35.40 2.15 -3.83	33.25 2.16 -2.23	33.26 2.15 0.00	33.66 2.32 0.00	37.48 2.48 0.00	37.02 2.65 0.00	34.32 2.54 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.06 2.10 -8.84	32.32 2.13 -8.47	30.77 2.02 -7.98	31.20 1.95 -8.73	32.85 1.92 -9.83	36.50 2.12 -9.66	49.29 3.28 -8.26	54.41 4.29 -1.96	65.30 5.18 -0.56	71.35 5.21 -0.15	61.07 4.47 0.00	49.70 2.90 0.00	38.97 2.07 0.00
RAVENSWOOD___1 23533	40.10 2.37 -7.75	36.32 2.41 -3.85	35.46 2.21 -3.83	33.31 2.22 -2.23	33.33 2.21 0.00	33.69 2.35 0.00	37.44 2.45 0.00	36.98 2.61 0.00	34.29 2.51 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.06 2.10 -8.84	32.32 2.13 -8.47	30.77 2.06 -7.94	31.18 1.97 -8.69	32.78 1.90 -9.79	36.45 2.13 -9.62	49.29 3.28 -8.26	54.41 4.28 -1.96	65.30 5.18 -0.56	71.28 5.15 -0.15	61.07 4.47 0.00	49.66 2.86 0.00	38.97 2.07 0.00
RAVENSWOOD___2 23534	40.07 2.34 -7.75	36.29 2.37 -3.85	35.43 2.18 -3.83	33.31 2.22 -2.23	33.29 2.18 0.00	33.66 2.32 0.00	37.44 2.45 0.00	36.98 2.61 0.00	34.29 2.51 0.00	30.41 2.46 0.00	32.33 2.12 -7.47	33.04 2.08 -8.84	32.32 2.13 -8.47	30.77 2.06 -7.94	31.16 1.95 -8.69	32.76 1.88 -9.79	36.43 2.10 -9.62	49.29 3.28 -8.26	54.41 4.28 -1.96	65.30 5.18 -0.56	71.28 5.15 -0.15	61.07 4.47 0.00	49.61 2.81 0.00	38.93 2.03 0.00
RAVENSWOOD___3 23535	40.04 2.31 -7.75	36.26 2.35 -3.85	35.40 2.15 -3.83	33.25 2.17 -2.23	33.26 2.15 0.00	33.66 2.32 0.00	37.48 2.48 0.00	37.02 2.65 0.00	34.32 2.54 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.06 2.10 -8.84	32.32 2.13 -8.47	30.75 2.04 -7.94	31.16 1.95 -8.69	32.78 1.90 -9.79	36.45 2.13 -9.62	49.29 3.28 -8.26	54.41 4.28 -1.96	65.30 5.18 -0.56	71.34 5.21 -0.15	61.07 4.47 0.00	49.66 2.86 0.00	38.97 2.07 0.00
RAVENSWOOD___4 23820	40.07 2.34 -7.75	36.29 2.37 -3.85	35.43 2.18 -3.83	33.28 2.19 -2.23	33.29 2.18 0.00	33.66 2.32 0.00	37.44 2.45 0.00	36.98 2.61 0.00	34.29 2.51 0.00	30.41 2.46 0.00	32.33 2.12 -7.47	33.04 2.08 -8.84	32.32 2.13 -8.47	30.77 2.06 -7.94	31.16 1.95 -8.69	32.76 1.88 -9.79	36.43 2.10 -9.62	49.26 3.25 -8.26	54.41 4.28 -1.96	65.30 5.18 -0.56	71.28 5.15 -0.15	61.07 4.47 0.00	49.61 2.81 0.00	38.93 2.03 0.00
RCPL_TRUST___DRP 24196	40.07 2.34 -7.75	36.26 2.34 -3.85	35.43 2.18 -3.83	33.28 2.19 -2.23	33.29 2.18 0.00	33.69 2.35 0.00	37.51 2.52 0.00	37.08 2.72 0.00	34.38 2.61 0.00	30.47 2.52 0.00	32.40 2.18 -7.47	33.11 2.15 -8.84	32.37 2.17 -8.47	30.81 2.06 -7.98	31.24 1.99 -8.73	32.91 1.98 -9.83	36.57 2.20 -9.66	49.41 3.40 -8.26	54.55 4.43 -1.96	65.48 5.36 -0.56	71.54 5.41 -0.15	61.18 4.58 0.00	49.84 3.04 0.00	39.05 2.14 0.00
RED___ROCHESTER 323720	29.36 -1.17 -0.54	29.09 -1.23 -0.27	28.42 -1.26 -0.26	27.77 -1.24 -0.15	30.05 -1.06 0.00	30.21 -1.13 0.00	33.72 -1.26 0.01	33.17 -1.20 0.00	30.15 -1.62 0.01	26.52 -1.42 0.01	22.06 -1.21 -0.52	21.48 -1.26 -0.62	21.13 -1.19 -0.59	20.15 -1.18 -0.56	19.98 -1.15 -0.61	20.71 -1.08 -0.69	23.91 -1.48 -0.68	36.29 -2.38 -0.91	39.86 -3.08 5.21	54.22 -3.57 1.76	61.85 -3.36 0.78	53.64 -2.95 0.01	44.96 -1.83 0.01	35.87 -1.03 0.00
REGAN___SOLAR 323812	41.46 1.92 -9.56	36.68 1.86 -4.75	36.00 1.85 -4.72	33.34 1.73 -2.75	32.92 1.80 0.00	33.22 1.88 0.00	37.13 2.13 0.00	36.02 1.65 0.00	32.42 0.64 0.00	28.29 0.34 0.00	32.01 0.16 -9.10	33.00 0.11 -10.77	32.09 0.04 -10.32	30.50 0.00 -9.72	31.22 0.06 -10.64	33.22 0.15 -11.98	36.95 0.47 -11.77	49.33 1.55 -10.03	52.44 2.55 -1.72	64.22 4.17 -0.50	70.54 4.42 -0.13	60.23 3.63 0.00	49.70 2.90 0.00	39.01 2.10 0.00
RENSSELAER___COGEN 23796	39.65 0.90 -8.77	35.32 0.90 -4.36	34.64 0.88 -4.33	32.25 0.86 -2.53	32.02 0.90 0.00	32.25 0.91 0.00	36.01 1.02 0.00	35.37 1.00 0.00	32.64 0.86 0.00	28.73 0.78 0.00	31.83 0.64 -8.45	32.72 0.60 -10.00	31.89 0.59 -9.58	30.34 0.54 -9.02	30.93 0.53 -9.87	32.79 0.57 -11.12	36.28 0.64 -10.93	48.19 1.06 -9.38	49.56 1.40 0.00	61.22 1.67 0.00	67.51 1.52 0.00	57.96 1.36 0.00	47.83 1.03 0.00	37.76 0.85 0.00
REPUBLIC_115KV_BARTNBRK 55605	41.45 2.46 -9.01	36.94 2.40 -4.48	36.23 2.35 -4.45	33.67 2.22 -2.60	33.48 2.36 0.00	33.79 2.44 0.00	37.83 2.83 0.00	36.74 2.37 0.00	33.56 1.78 0.00	29.38 1.43 0.00	32.45 1.05 -8.66	33.23 0.86 -10.25	32.30 0.76 -9.82	30.65 0.62 -9.25	31.32 0.68 -10.12	33.36 0.86 -11.40	37.02 1.11 -11.21	49.82 2.45 -9.62	51.73 3.56 0.00	64.97 5.42 0.00	71.93 5.94 0.00	61.30 4.70 0.00	50.59 3.79 0.00	39.56 2.66 0.00
REVERE_CPPR_DRP 24186	30.84 0.42 -0.44	30.70 0.42 -0.22	30.08 0.44 -0.22	29.42 0.43 -0.13	31.68 0.56 0.00	31.94 0.60 0.00	35.76 0.77 0.00	34.95 0.58 0.00	32.06 0.29 0.00	27.92 -0.03 0.00	23.05 -0.11 -0.42	22.57 -0.04 -0.50	22.16 -0.04 -0.48	21.19 -0.04 -0.45	20.93 -0.08 -0.49	21.53 -0.13 -0.55	25.25 0.00 -0.54	38.41 0.19 -0.47	49.08 0.92 0.00	61.22 1.67 0.00	68.09 1.91 -0.19	58.19 1.58 0.00	48.11 1.31 0.00	37.79 0.89 0.00
REYNLDDPA_13_KV_LD 356490	29.65 -0.33 0.00	29.76 -0.30 0.00	29.13 -0.29 0.00	28.57 -0.29 0.00	30.81 -0.31 0.00	31.03 -0.31 0.00	34.71 -0.28 0.00	33.99 -0.38 0.00	31.49 -0.29 0.00	27.70 -0.25 0.00	22.52 -0.23 0.00	21.94 -0.18 0.00	21.53 -0.20 0.00	20.59 -0.19 0.00	20.36 -0.16 0.00	20.97 -0.13 0.00	24.58 -0.12 0.00	37.41 -0.34 0.00	47.87 -0.29 0.00	58.54 -1.01 0.00	65.86 -0.13 0.00	56.43 -0.17 0.00	46.89 0.09 0.00	36.98 0.07 0.00
REYNOLDS_115KV_TB3 80639	39.94 1.17 -8.78	35.60 1.17 -4.37	34.88 1.12 -4.34	32.48 1.10 -2.53	32.27 1.15 0.00	32.50 1.16 0.00	36.29 1.29 0.00	35.64 1.27 0.00	32.89 1.11 0.00	28.98 1.03 0.00	32.05 0.84 -8.46	32.93 0.80 -10.02	32.10 0.78 -9.59	30.56 0.75 -9.04	31.15 0.74 -9.89	33.02 0.78 -11.14	36.55 0.89 -10.95	48.55 1.40 -9.40	50.04 1.88 0.00	61.82 2.26 0.00	68.10 2.11 0.00	58.47 1.87 0.00	48.30 1.50 0.00	38.05 1.14 0.00

RIVERBAY____ 323610	40.52 2.79 -7.75	36.74 2.83 -3.85	35.87 2.62 -3.83	33.71 2.63 -2.23	33.76 2.64 0.00	34.04 2.70 0.00	37.83 2.83 0.00	37.36 2.99 0.00	34.61 2.83 0.00	30.69 2.74 0.00	32.56 2.34 -7.47	33.26 2.30 -8.84	32.52 2.32 -8.47	30.98 2.22 -7.98	31.41 2.15 -8.73	33.06 2.13 -9.83	36.70 2.32 -9.66	49.63 3.62 -8.26	54.94 4.82 -1.96	66.01 5.90 -0.56	72.07 5.94 -0.15	61.69 5.09 0.00	50.12 3.32 0.00	39.30 2.40 0.00
RIVERSIDE_115KV_TB3 55908	39.80 1.02 -8.80	35.49 1.05 -4.37	34.77 1.00 -4.34	32.37 0.98 -2.53	32.11 1.00 0.00	32.38 1.03 0.00	36.15 1.15 0.00	35.50 1.13 0.00	32.76 0.99 0.00	28.84 0.89 0.00	31.95 0.73 -8.48	32.84 0.69 -10.03	32.01 0.67 -9.61	30.47 0.64 -9.05	31.06 0.64 -9.91	32.93 0.68 -11.15	36.44 0.77 -10.97	48.41 1.25 -9.41	49.80 1.64 0.00	61.52 1.97 0.00	67.84 1.85 0.00	58.24 1.64 0.00	48.06 1.26 0.00	37.90 1.00 0.00
ROARING____BROOK_WT_PWR 323790	29.18 -0.81 0.00	29.25 -0.81 0.00	28.66 -0.77 0.00	28.14 -0.72 0.00	30.37 -0.75 0.00	30.65 -0.69 0.00	34.29 -0.70 0.00	33.72 -0.65 0.00	31.17 -0.60 0.00	27.39 -0.56 0.00	22.24 -0.50 0.00	21.61 -0.51 0.00	21.20 -0.52 0.00	20.26 -0.52 0.00	20.01 -0.51 0.00	20.57 -0.53 0.00	24.11 -0.59 0.00	36.84 -0.91 0.00	47.15 -1.01 0.00	58.42 -1.13 0.00	64.80 -1.19 0.00	55.52 -1.08 0.00	45.91 -0.89 0.00	36.20 -0.70 0.00
ROCHESRG_115KV_T4 355643	29.11 -1.41 -0.54	28.85 -1.47 -0.26	28.19 -1.50 -0.26	27.53 -1.47 -0.15	29.77 -1.34 0.00	29.96 -1.38 0.00	33.41 -1.57 0.01	32.89 -1.48 0.00	29.90 -1.87 0.01	26.29 -1.65 0.01	21.88 -1.39 -0.52	21.30 -1.44 -0.62	20.95 -1.37 -0.59	20.02 -1.31 -0.55	19.77 -1.35 -0.61	20.43 -1.35 -0.68	23.65 -1.73 -0.67	35.86 -2.79 -0.90	39.41 -3.61 5.14	53.53 -4.29 1.73	60.61 -4.62 0.76	52.91 -3.68 0.01	44.40 -2.39 0.01	35.47 -1.44 0.00
ROCHESTER_9_IC 23652	29.27 -1.26 -0.54	29.00 -1.32 -0.27	28.34 -1.35 -0.26	27.68 -1.33 -0.15	29.93 -1.18 0.00	30.12 -1.22 0.00	33.58 -1.40 0.01	33.06 -1.31 0.00	30.05 -1.72 0.01	26.43 -1.51 0.01	21.97 -1.30 -0.52	21.39 -1.35 -0.62	21.06 -1.26 -0.59	20.11 -1.23 -0.56	19.88 -1.25 -0.61	20.52 -1.27 -0.69	23.78 -1.61 -0.68	36.10 -2.57 -0.91	39.62 -3.32 5.22	53.92 -3.87 1.77	61.05 -4.16 0.78	53.31 -3.28 0.01	44.73 -2.06 0.01	35.69 -1.22 0.00
ROCKVIEW_13_KV_LD 356306	39.98 2.25 -7.75	36.20 2.28 -3.85	35.34 2.09 -3.83	33.20 2.11 -2.23	33.20 2.08 0.00	33.63 2.29 0.00	37.44 2.45 0.00	37.02 2.65 0.00	34.32 2.54 0.00	30.35 2.40 0.00	32.28 2.07 -7.47	33.02 2.06 -8.84	32.26 2.06 -8.47	30.77 2.02 -7.98	31.20 1.95 -8.73	32.89 1.96 -9.83	36.55 2.17 -9.66	49.41 3.40 -8.26	54.51 4.38 -1.96	65.48 5.36 -0.56	71.54 5.41 -0.15	61.18 4.58 0.00	49.80 3.00 0.00	39.01 2.10 0.00
ROME____115KV_TB2 80656	30.84 0.42 -0.44	30.70 0.42 -0.22	30.08 0.44 -0.22	29.42 0.43 -0.13	31.68 0.56 0.00	31.94 0.60 0.00	35.76 0.77 0.00	34.95 0.58 0.00	32.06 0.29 0.00	27.92 -0.03 0.00	23.05 -0.11 -0.42	22.57 -0.04 -0.50	22.16 -0.04 -0.48	21.19 -0.04 -0.45	20.93 -0.08 -0.49	21.53 -0.13 -0.55	25.25 0.00 -0.54	38.41 0.19 -0.47	49.08 0.92 0.00	61.22 1.67 0.00	68.09 1.91 -0.19	58.19 1.58 0.00	48.11 1.31 0.00	37.79 0.89 0.00
ROSETON____1 23587	39.54 1.83 -7.72	35.74 1.83 -3.84	34.95 1.71 -3.82	32.78 1.70 -2.23	32.83 1.71 0.00	33.16 1.82 0.00	36.95 1.96 0.00	36.47 2.10 0.00	33.72 1.94 0.00	29.82 1.87 0.00	31.78 1.59 -7.45	32.51 1.57 -8.82	31.73 1.57 -8.44	30.29 1.56 -7.96	30.71 1.48 -8.71	32.38 1.48 -9.81	36.03 1.68 -9.64	48.67 2.64 -8.28	53.56 3.42 -1.97	64.29 4.17 -0.57	70.23 4.09 -0.15	60.11 3.51 0.00	49.14 2.34 0.00	38.60 1.70 0.00
ROSETON____2 23588	39.54 1.83 -7.72	35.74 1.83 -3.84	34.95 1.71 -3.82	32.78 1.70 -2.23	32.83 1.71 0.00	33.16 1.82 0.00	36.95 1.96 0.00	36.47 2.10 0.00	33.72 1.94 0.00	29.82 1.87 0.00	31.78 1.59 -7.45	32.51 1.57 -8.82	31.73 1.57 -8.44	30.29 1.56 -7.96	30.71 1.48 -8.71	32.38 1.48 -9.81	36.03 1.68 -9.64	48.67 2.64 -8.28	53.56 3.42 -1.97	64.29 4.17 -0.57	70.23 4.09 -0.15	60.11 3.51 0.00	49.14 2.34 0.00	38.60 1.70 0.00
ROTTDRAM_115KV_TB3 80664	40.14 1.08 -9.08	35.63 1.05 -4.51	34.97 1.06 -4.48	32.48 1.01 -2.62	32.17 1.06 0.00	32.41 1.07 0.00	36.18 1.19 0.00	35.54 1.17 0.00	32.70 0.92 0.00	28.76 0.81 0.00	32.10 0.64 -8.72	33.06 0.62 -10.32	32.20 0.59 -9.89	30.65 0.56 -9.31	31.27 0.55 -10.19	33.17 0.59 -11.48	36.73 0.74 -11.28	48.72 1.28 -9.69	49.85 1.69 0.00	61.76 2.20 0.00	68.23 2.24 0.00	58.52 1.92 0.00	48.30 1.50 0.00	38.01 1.11 0.00
RUSSELL____1 23602	29.39 -1.14 -0.54	29.12 -1.20 -0.27	28.42 -1.27 -0.26	27.77 -1.24 -0.15	30.05 -1.06 0.00	30.21 -1.13 0.00	33.72 -1.26 0.01	33.17 -1.20 0.00	30.15 -1.62 0.01	26.52 -1.43 0.01	22.06 -1.21 -0.52	21.48 -1.26 -0.62	21.12 -1.19 -0.59	20.17 -1.16 -0.56	19.94 -1.19 -0.61	20.58 -1.20 -0.69	23.88 -1.51 -0.68	36.25 -2.42 -0.91	39.86 -3.08 5.21	54.22 -3.57 1.76	61.45 -3.76 0.78	53.59 -3.00 0.01	44.92 -1.87 0.01	35.84 -1.07 0.00
RUSSELL____2 23532	29.39 -1.14 -0.54	29.12 -1.20 -0.27	28.42 -1.27 -0.26	27.77 -1.24 -0.15	30.05 -1.06 0.00	30.21 -1.13 0.00	33.72 -1.26 0.01	33.17 -1.20 0.00	30.15 -1.62 0.01	26.52 -1.43 0.01	22.06 -1.21 -0.52	21.48 -1.26 -0.62	21.12 -1.19 -0.59	20.17 -1.16 -0.56	19.94 -1.19 -0.61	20.58 -1.20 -0.69	23.88 -1.51 -0.68	36.25 -2.42 -0.91	39.86 -3.08 5.21	54.22 -3.57 1.76	61.45 -3.76 0.78	53.59 -3.00 0.01	44.92 -1.87 0.01	35.84 -1.07 0.00
RUSSELL____3 23549	29.39 -1.14 -0.54	29.12 -1.20 -0.27	28.42 -1.27 -0.26	27.77 -1.24 -0.15	30.05 -1.06 0.00	30.21 -1.13 0.00	33.72 -1.26 0.01	33.17 -1.20 0.00	30.15 -1.62 0.01	26.52 -1.43 0.01	22.06 -1.21 -0.52	21.48 -1.26 -0.62	21.12 -1.19 -0.59	20.17 -1.16 -0.56	19.94 -1.19 -0.61	20.58 -1.20 -0.69	23.88 -1.51 -0.68	36.25 -2.42 -0.91	39.86 -3.08 5.21	54.22 -3.57 1.76	61.45 -3.76 0.78	53.59 -3.00 0.01	44.92 -1.87 0.01	35.84 -1.07 0.00
RUSSELL____4 23556	29.39 -1.14 -0.54	29.12 -1.20 -0.27	28.42 -1.27 -0.26	27.77 -1.24 -0.15	30.05 -1.06 0.00	30.21 -1.13 0.00	33.72 -1.26 0.01	33.17 -1.20 0.00	30.15 -1.62 0.01	26.52 -1.43 0.01	22.06 -1.21 -0.52	21.48 -1.26 -0.62	21.12 -1.19 -0.59	20.17 -1.16 -0.56	19.94 -1.19 -0.61	20.58 -1.20 -0.69	23.88 -1.51 -0.68	36.25 -2.42 -0.91	39.86 -3.08 5.21	54.22 -3.57 1.76	61.45 -3.76 0.78	53.59 -3.00 0.01	44.92 -1.87 0.01	35.84 -1.07 0.00
RUSSELL____STATION 23914	29.39 -1.14 -0.54	29.12 -1.20 -0.27	28.42 -1.27 -0.26	27.77 -1.24 -0.15	30.05 -1.06 0.00	30.21 -1.13 0.00	33.72 -1.26 0.01	33.17 -1.20 0.00	30.15 -1.62 0.01	26.52 -1.43 0.01	22.06 -1.21 -0.52	21.48 -1.26 -0.62	21.12 -1.19 -0.59	20.17 -1.16 -0.56	19.94 -1.19 -0.61	20.58 -1.20 -0.69	23.88 -1.51 -0.68	36.25 -2.42 -0.91	39.86 -3.08 5.21	54.22 -3.57 1.76	61.45 -3.76 0.78	53.59 -3.00 0.01	44.92 -1.87 0.01	35.84 -1.07 0.00

S SALMON___HYD 24043	30.12 -0.45 -0.59	29.90 -0.45 -0.29	29.28 -0.44 -0.29	28.56 -0.46 -0.17	30.74 -0.37 0.00	30.90 -0.44 0.00	34.50 -0.49 0.00	33.75 -0.62 0.00	31.02 -0.76 0.00	27.11 -0.84 0.00	22.60 -0.71 -0.56	22.14 -0.64 -0.67	21.76 -0.61 -0.64	20.80 -0.58 -0.60	20.58 -0.60 -0.66	21.21 -0.63 -0.74	24.75 -0.69 -0.73	37.36 -1.02 -0.63	45.34 -1.11 1.72	58.10 -0.96 0.49	65.66 -0.92 -0.59	55.75 -0.85 0.00	46.24 -0.56 0.00	36.42 -0.48 0.00
S.PERRY___115KV_TB1 80734	29.85 -0.66 -0.53	29.59 -0.72 -0.25	29.00 -0.68 -0.25	28.30 -0.69 -0.14	30.58 -0.53 0.01	30.74 -0.60 0.01	34.38 -0.59 0.02	33.68 -0.69 0.00	30.49 -1.27 0.02	26.65 -1.29 0.02	22.05 -1.21 -0.51	21.37 -1.35 -0.60	20.98 -1.33 -0.58	20.05 -1.27 -0.54	19.82 -1.29 -0.59	20.48 -1.29 -0.67	23.84 -1.53 -0.66	59.26 -2.08 -23.59	36.74 -2.07 9.35	55.22 -1.73 2.61	63.77 -1.65 0.57	55.39 -1.19 0.02	46.03 -0.75 0.02	36.65 -0.26 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	27.96 -2.55 -0.52	27.76 -2.56 -0.25	27.12 -2.56 -0.25	26.51 -2.48 -0.14	28.59 -2.52 0.01	28.76 -2.57 0.01	31.97 -3.01 0.01	31.59 -2.78 0.00	28.75 -3.02 0.01	25.25 -2.68 0.01	21.04 -2.21 -0.51	20.42 -2.30 -0.60	20.06 -2.24 -0.57	19.26 -2.06 -0.54	18.99 -2.11 -0.59	19.69 -2.07 -0.66	22.67 -2.69 -0.66	28.87 -4.11 4.76	35.44 -5.30 7.42	50.87 -6.43 2.25	57.83 -7.46 0.70	50.81 -5.77 0.02	42.43 -4.35 0.02	34.25 -2.66 0.00
SAWYER___23_KV_LOAD 55526	27.96 -2.55 -0.52	27.76 -2.56 -0.25	27.12 -2.56 -0.25	26.51 -2.48 -0.14	28.59 -2.52 0.01	28.76 -2.57 0.01	31.97 -3.01 0.01	31.59 -2.78 0.00	28.75 -3.02 0.01	25.25 -2.68 0.01	21.04 -2.21 -0.51	20.42 -2.30 -0.60	20.06 -2.24 -0.57	19.26 -2.06 -0.54	18.99 -2.11 -0.59	19.69 -2.07 -0.66	22.67 -2.69 -0.66	28.87 -4.11 4.76	35.44 -5.30 7.42	50.87 -6.43 2.25	57.83 -7.46 0.70	50.81 -5.77 0.02	42.43 -4.35 0.02	34.25 -2.66 0.00
SELKIRK___I 23801	39.78 1.11 -8.68	35.49 1.11 -4.32	34.80 1.09 -4.29	32.40 1.04 -2.50	32.27 1.15 0.00	32.50 1.16 0.00	36.25 1.26 0.00	35.54 1.17 0.00	32.73 0.95 0.00	28.79 0.84 0.00	31.73 0.61 -8.37	32.61 0.57 -9.91	31.78 0.56 -9.49	30.24 0.52 -8.94	30.84 0.53 -9.79	32.69 0.57 -11.02	36.21 0.67 -10.83	48.22 1.17 -9.30	49.85 1.68 0.00	61.76 2.20 0.00	68.10 2.11 0.00	58.47 1.87 0.00	48.25 1.45 0.00	38.05 1.15 0.00
SELKIRK___II 23799	39.64 0.93 -8.72	35.33 0.93 -4.34	34.65 0.91 -4.31	32.27 0.90 -2.51	32.05 0.93 0.00	32.28 0.94 0.00	36.04 1.05 0.00	35.40 1.03 0.00	32.67 0.89 0.00	28.76 0.81 0.00	31.82 0.66 -8.41	32.72 0.64 -9.96	31.89 0.63 -9.53	30.34 0.58 -8.98	30.92 0.57 -9.83	32.76 0.59 -11.07	36.28 0.69 -10.88	48.22 1.13 -9.34	49.66 1.49 0.00	61.34 1.78 0.00	67.64 1.65 0.00	58.07 1.47 0.00	47.92 1.12 0.00	37.79 0.88 0.00
SENECA OSWGO___HYD 24041	30.05 -0.57 -0.64	29.81 -0.57 -0.32	29.18 -0.56 -0.32	28.46 -0.58 -0.18	30.56 -0.56 0.00	30.75 -0.60 0.00	34.33 -0.67 0.00	33.68 -0.69 0.00	31.02 -0.76 0.00	27.25 -0.70 0.00	22.77 -0.59 -0.61	22.27 -0.58 -0.73	21.88 -0.54 -0.69	20.89 -0.54 -0.65	20.73 -0.51 -0.72	21.36 -0.55 -0.81	24.86 -0.64 -0.79	37.45 -0.98 -0.68	44.89 -1.40 1.87	57.41 -1.61 0.54	65.21 -1.72 -0.94	55.07 -1.53 0.00	45.63 -1.17 0.00	35.98 -0.92 0.00
SENECA___115KV_TB3 355854	28.17 -2.34 -0.52	27.94 -2.38 -0.25	27.35 -2.33 -0.25	26.74 -2.25 -0.14	28.68 -2.43 0.01	28.89 -2.44 0.01	32.14 -2.83 0.02	31.75 -2.61 0.00	29.03 -2.73 0.02	25.45 -2.49 0.02	21.22 -2.02 -0.50	20.59 -2.12 -0.60	20.19 -2.11 -0.57	19.38 -1.93 -0.54	19.10 -2.01 -0.59	19.61 -2.15 -0.67	22.87 -2.49 -0.66	29.08 -3.55 5.12	35.70 -4.48 7.98	51.81 -5.36 2.38	59.02 -6.27 0.70	51.71 -4.87 0.02	42.76 -4.03 0.02	34.43 -2.47 0.00
SENECA___ENERGY 23797	30.29 -0.42 -0.73	29.97 -0.45 -0.36	29.34 -0.44 -0.36	28.63 -0.43 -0.21	30.74 -0.37 0.00	30.90 -0.44 0.00	34.53 -0.46 0.01	33.89 -0.48 0.00	31.07 -0.70 0.01	27.27 -0.67 0.01	22.83 -0.61 -0.70	22.31 -0.64 -0.83	21.91 -0.61 -0.80	20.92 -0.60 -0.75	20.75 -0.60 -0.82	21.39 -0.63 -0.93	24.93 -0.69 -0.91	39.38 -0.94 -2.57	42.29 -1.16 4.71	58.05 -1.19 0.32	66.43 -1.19 -1.63	55.58 -1.02 0.01	46.00 -0.80 0.01	36.39 -0.52 0.00
SHOEMAKER___GT 23640	39.09 1.71 -7.40	35.45 1.71 -3.68	34.70 1.62 -3.65	32.58 1.59 -2.13	32.70 1.59 0.00	33.03 1.69 0.00	36.81 1.82 0.00	36.26 1.89 0.00	33.53 1.75 0.00	29.60 1.65 0.00	31.25 1.39 -7.12	31.92 1.37 -8.43	31.17 1.37 -8.07	29.78 1.37 -7.63	30.20 1.33 -8.35	31.81 1.31 -9.40	35.46 1.51 -9.24	47.99 2.38 -7.86	53.56 3.18 -2.22	64.12 3.93 -0.64	70.11 3.96 -0.16	59.94 3.34 0.00	49.05 2.25 0.00	38.53 1.62 0.00
SHOEMAKR_138KV_BK 111 55601	39.06 1.71 -7.37	35.44 1.71 -3.67	34.66 1.59 -3.64	32.57 1.59 -2.13	32.70 1.59 0.00	33.04 1.69 0.00	36.81 1.82 0.00	36.29 1.92 0.00	33.53 1.75 0.00	29.60 1.65 0.00	31.25 1.41 -7.10	31.91 1.39 -8.40	31.16 1.39 -8.04	29.74 1.39 -7.57	30.17 1.35 -8.29	31.81 1.37 -9.34	35.42 1.53 -9.18	48.00 2.42 -7.83	53.58 3.18 -2.23	64.13 3.93 -0.64	70.11 3.96 -0.17	59.94 3.34 0.00	49.10 2.29 0.00	38.53 1.62 0.00
SHOREHAM_IC_1 23715	40.83 3.09 -7.76	37.05 3.13 -3.86	36.17 2.91 -3.84	34.04 2.94 -2.24	34.18 3.05 -0.01	34.58 3.23 -0.01	38.50 3.50 -0.01	38.12 3.75 -0.01	35.25 3.46 -0.01	31.23 3.27 -0.01	33.00 2.77 -7.48	39.35 2.70 -14.53	39.20 2.72 -14.76	32.22 2.62 -8.83	33.83 2.50 -10.81	33.40 2.51 -9.80	44.22 2.77 -16.75	51.64 4.34 -9.55	55.43 5.30 -1.97	66.74 6.61 -0.57	73.07 6.93 -0.15	62.39 5.78 -0.01	51.16 4.35 -0.01	40.27 3.36 -0.01
SHOREHAM_IC_2 23716	40.83 3.09 -7.76	37.05 3.13 -3.86	36.17 2.91 -3.84	34.04 2.94 -2.24	34.18 3.05 -0.01	34.58 3.23 -0.01	38.50 3.50 -0.01	38.12 3.75 -0.01	35.25 3.46 -0.01	31.23 3.27 -0.01	33.00 2.77 -7.48	39.35 2.70 -14.53	39.20 2.72 -14.76	32.22 2.62 -8.83	33.83 2.50 -10.81	33.40 2.51 -9.80	44.22 2.77 -16.75	51.64 4.34 -9.55	55.43 5.30 -1.97	66.74 6.61 -0.57	73.07 6.93 -0.15	62.39 5.78 -0.01	51.16 4.35 -0.01	40.27 3.36 -0.01
SISSONVILLE___ 23735	28.92 -1.20 -0.14	28.96 -1.17 -0.07	28.38 -1.12 -0.07	27.83 -1.07 -0.04	29.97 -1.15 0.00	30.03 -1.32 0.00	33.66 -1.33 0.00	32.82 -1.55 0.00	30.38 -1.40 0.00	26.61 -1.34 0.00	21.74 -1.14 -0.13	21.26 -1.02 -0.16	20.81 -1.06 -0.15	19.88 -1.04 -0.14	19.67 -1.01 -0.16	20.35 -0.93 -0.18	23.87 -1.01 -0.17	36.01 -1.89 -0.15	46.28 -1.88 0.00	57.29 -2.26 0.00	64.32 -1.78 -0.11	54.90 -1.70 0.00	45.72 -1.08 0.00	36.02 -0.89 0.00
SITHE_IND_GS1 24169	29.74 -0.75 -0.50	29.56 -0.75 -0.25	28.94 -0.73 -0.25	28.25 -0.75 -0.14	30.37 -0.75 0.00	30.59 -0.75 0.00	34.12 -0.87 0.00	33.51 -0.86 0.00	30.86 -0.92 0.00	27.14 -0.81 0.00	22.54 -0.68 -0.48	22.03 -0.66 -0.57	21.62 -0.65 -0.55	20.67 -0.62 -0.51	20.47 -0.62 -0.56	21.12 -0.61 -0.63	24.59 -0.74 -0.62	37.08 -1.21 -0.54	44.90 -1.78 1.48	56.98 -2.14 0.43	60.43 -2.31 3.25	54.62 -1.98 0.00	45.21 -1.59 0.00	35.72 -1.18 0.00

SITHE_IND_GS2 24170	29.74 -0.75 -0.50	29.56 -0.75 -0.25	28.94 -0.73 -0.25	28.25 -0.75 -0.14	30.37 -0.75 0.00	30.59 -0.75 0.00	34.12 -0.87 0.00	33.51 -0.86 0.00	30.86 -0.92 0.00	27.14 -0.81 0.00	22.54 -0.68 -0.48	22.03 -0.66 -0.57	21.62 -0.65 -0.55	20.67 -0.62 -0.51	20.47 -0.62 -0.56	21.12 -0.61 -0.63	24.59 -0.74 -0.62	37.08 -1.21 -0.54	44.90 -1.78 1.48	56.98 -2.14 0.43	60.43 -2.31 3.25	54.62 -1.98 0.00	45.21 -1.59 0.00	35.72 -1.18 0.00
SITHE_IND_GS3 24171	29.74 -0.75 -0.50	29.56 -0.75 -0.25	28.94 -0.73 -0.25	28.25 -0.75 -0.14	30.37 -0.75 0.00	30.59 -0.75 0.00	34.12 -0.87 0.00	33.51 -0.86 0.00	30.86 -0.92 0.00	27.14 -0.81 0.00	22.54 -0.68 -0.48	22.03 -0.66 -0.57	21.62 -0.65 -0.55	20.67 -0.62 -0.51	20.47 -0.62 -0.56	21.12 -0.61 -0.63	24.59 -0.74 -0.62	37.08 -1.21 -0.54	44.90 -1.78 1.48	56.98 -2.14 0.43	60.43 -2.31 3.25	54.62 -1.98 0.00	45.21 -1.59 0.00	35.72 -1.18 0.00
SITHE_IND_GS4 24172	29.74 -0.75 -0.50	29.56 -0.75 -0.25	28.94 -0.73 -0.25	28.25 -0.75 -0.14	30.37 -0.75 0.00	30.59 -0.75 0.00	34.12 -0.87 0.00	33.51 -0.86 0.00	30.86 -0.92 0.00	27.14 -0.81 0.00	22.54 -0.68 -0.48	22.03 -0.66 -0.57	21.62 -0.65 -0.55	20.67 -0.62 -0.51	20.47 -0.62 -0.56	21.12 -0.61 -0.63	24.59 -0.74 -0.62	37.08 -1.21 -0.54	44.90 -1.78 1.48	56.98 -2.14 0.43	60.43 -2.31 3.25	54.62 -1.98 0.00	45.21 -1.59 0.00	35.72 -1.18 0.00
SITHE___BATAVIA 24024	28.63 -1.89 -0.53	28.37 -1.95 -0.26	27.74 -1.94 -0.26	27.10 -1.91 -0.14	29.37 -1.74 0.01	29.55 -1.79 0.01	32.84 -2.14 0.01	32.34 -2.03 0.00	29.29 -2.48 0.01	25.67 -2.26 0.01	21.35 -1.91 -0.51	20.72 -2.01 -0.61	20.35 -1.96 -0.58	19.48 -1.85 -0.55	19.26 -1.87 -0.60	19.96 -1.81 -0.68	23.05 -2.32 -0.67	32.10 -3.40 2.25	37.58 -4.19 6.39	52.53 -5.00 2.02	60.03 -5.21 0.74	52.23 -4.36 0.01	43.75 -3.04 0.01	35.13 -1.77 0.00
SITHE___INDEPEND 23800	29.74 -0.75 -0.50	29.56 -0.75 -0.25	28.94 -0.74 -0.25	28.28 -0.72 -0.14	30.37 -0.75 0.00	30.59 -0.75 0.00	34.12 -0.87 0.00	33.51 -0.86 0.00	30.86 -0.92 0.00	27.14 -0.81 0.00	22.54 -0.68 -0.48	22.03 -0.66 -0.57	21.62 -0.65 -0.55	20.67 -0.62 -0.51	20.47 -0.62 -0.56	21.10 -0.63 -0.63	24.56 -0.77 -0.62	37.08 -1.21 -0.54	44.90 -1.78 1.48	56.98 -2.14 0.43	60.36 -2.38 3.25	54.56 -2.04 0.00	45.21 -1.59 0.00	35.72 -1.18 0.00
SITHE___MASSENA 23902	29.53 -0.45 0.00	29.64 -0.42 0.00	29.01 -0.41 0.00	28.45 -0.40 0.00	30.68 -0.44 0.00	30.87 -0.47 0.00	34.57 -0.42 0.00	33.82 -0.55 0.00	31.33 -0.44 0.00	27.53 -0.42 0.00	22.38 -0.36 0.00	21.83 -0.29 0.00	21.40 -0.33 0.00	20.47 -0.31 0.00	20.23 -0.29 0.00	20.85 -0.25 0.00	24.46 -0.25 0.00	37.22 -0.53 0.00	47.68 -0.48 0.00	58.90 -0.65 0.00	65.79 -0.20 0.00	56.32 -0.28 0.00	46.80 0.00 0.00	36.87 -0.04 0.00
SITHE___OGDNSBRG 24021	29.61 -0.48 -0.11	29.66 -0.45 -0.05	29.04 -0.44 -0.05	28.45 -0.43 -0.03	30.65 -0.47 0.00	30.81 -0.53 0.00	34.50 -0.49 0.00	33.65 -0.72 0.00	31.08 -0.70 0.00	27.20 -0.75 0.00	22.06 -0.68 0.00	21.54 -0.58 0.00	21.10 -0.63 0.00	20.15 -0.62 0.00	19.95 -0.57 0.00	20.57 -0.53 0.00	24.16 -0.54 0.00	36.81 -0.94 0.00	47.54 -0.63 0.00	58.96 -0.60 0.00	66.12 0.13 0.00	56.49 -0.11 0.00	46.89 0.09 0.00	36.94 0.04 0.00
SITHE___STERLING 23777	30.93 0.45 -0.49	30.76 0.45 -0.24	30.14 0.47 -0.24	29.43 0.43 -0.14	31.65 0.53 0.00	31.91 0.56 0.00	35.65 0.66 0.00	34.92 0.55 0.00	32.10 0.32 0.00	28.03 0.08 0.00	23.21 0.00 -0.47	22.70 0.02 -0.56	22.30 0.04 -0.53	21.32 0.04 -0.50	21.09 0.02 -0.55	21.70 -0.02 -0.62	25.39 0.07 -0.61	38.54 0.27 -0.52	48.93 0.77 0.00	60.86 1.31 0.00	67.70 1.52 -0.19	57.84 1.24 0.00	47.78 0.98 0.00	37.61 0.70 0.00
SLEIGHT__34_KV_TB1 80719	29.64 -0.96 -0.61	29.37 -0.99 -0.30	28.72 -1.00 -0.30	28.02 -1.01 -0.17	30.24 -0.87 0.00	30.40 -0.94 0.00	33.93 -1.05 0.01	33.34 -1.03 0.00	30.41 -1.37 0.01	26.71 -1.23 0.01	22.29 -1.05 -0.59	21.73 -1.08 -0.70	21.40 -1.00 -0.67	20.43 -0.98 -0.63	20.22 -0.98 -0.69	20.84 -1.03 -0.78	24.24 -1.24 -0.76	36.75 -1.93 -0.92	41.17 -2.46 4.54	55.14 -2.80 1.61	62.34 -2.97 0.68	54.16 -2.43 0.01	45.20 -1.59 0.01	35.87 -1.03 0.00
SOUTH CAIRO___GT 23612	40.09 1.56 -8.55	35.90 1.59 -4.25	35.15 1.50 -4.22	32.76 1.44 -2.46	32.98 1.87 0.00	33.29 1.94 0.00	37.16 2.17 0.00	36.40 2.03 0.00	33.34 1.56 0.00	29.15 1.20 0.00	31.61 0.64 -8.23	32.44 0.58 -9.74	31.56 0.50 -9.33	29.96 0.39 -8.79	30.57 0.43 -9.62	32.48 0.55 -10.83	36.05 0.69 -10.65	48.33 1.43 -9.14	52.58 2.89 -1.53	64.04 4.05 -0.44	70.32 4.22 -0.11	60.05 3.45 0.00	49.56 2.76 0.00	38.94 2.03 0.00
SOUTH HAMPTN___IC 23720	40.71 2.97 -7.76	36.93 3.01 -3.86	36.09 2.83 -3.83	33.98 2.89 -2.24	34.14 3.02 -0.01	34.58 3.23 -0.01	38.50 3.50 -0.01	38.33 3.95 -0.01	35.50 3.72 -0.01	31.51 3.55 -0.01	33.29 3.07 -7.48	39.63 2.98 -14.52	39.48 3.00 -14.76	32.47 2.87 -8.83	34.08 2.75 -10.80	33.62 2.72 -9.80	44.46 3.01 -16.74	51.98 4.68 -9.55	55.91 7.38 -1.97	67.51 7.85 -0.57	73.99 7.85 -0.15	63.23 6.62 -0.01	51.77 4.96 -0.01	40.75 3.84 -0.01
SOUTHDOW__115KV_TB1 355954	28.47 -2.04 -0.52	28.27 -2.04 -0.25	27.85 -1.82 -0.25	27.20 -1.79 -0.14	29.08 -2.02 0.01	29.45 -1.88 0.01	32.84 -2.13 0.02	32.48 -1.89 0.00	29.89 -1.87 0.02	26.06 -1.87 0.02	21.72 -1.52 -0.50	21.03 -1.68 -0.60	20.56 -1.74 -0.57	19.69 -1.62 -0.53	19.48 -1.62 -0.58	20.24 -1.52 -0.66	23.51 -1.85 -0.65	33.25 -2.34 2.16	36.59 -2.65 8.92	54.11 -2.86 2.58	61.49 -3.83 0.67	53.86 -2.72 0.02	44.07 -2.71 0.02	35.28 -1.62 0.00
SOUTHOLD_69_KV_BK 2 55809	40.47 2.73 -7.76	36.72 2.80 -3.86	35.88 2.62 -3.83	33.81 2.71 -2.24	33.99 2.86 -0.01	34.42 3.07 -0.01	38.36 3.36 -0.01	38.40 4.02 -0.01	35.60 3.81 -0.01	31.65 3.69 -0.01	33.45 3.23 -7.48	39.78 3.14 -14.52	39.63 3.15 -14.76	32.64 2.99 -8.87	34.24 2.87 -10.84	33.83 2.89 -9.84	44.65 3.16 -16.78	52.13 4.83 -9.55	56.10 5.97 -1.97	67.93 7.80 -0.57	74.52 8.38 -0.15	63.80 7.19 -0.01	52.19 5.38 -0.01	41.01 4.10 -0.01
SOUTHOLD___IC 23719	40.47 2.73 -7.76	36.72 2.80 -3.86	35.85 2.59 -3.83	33.81 2.71 -2.24	33.99 2.86 -0.01	34.42 3.07 -0.01	38.36 3.36 -0.01	38.40 4.02 -0.01	35.60 3.81 -0.01	31.65 3.69 -0.01	33.45 3.23 -7.48	39.78 3.14 -14.52	39.63 3.15 -14.76	32.62 3.01 -8.83	34.20 2.87 -10.80	33.72 2.83 -9.80	44.59 3.14 -16.74	52.09 4.79 -9.55	56.10 5.97 -1.97	67.93 7.80 -0.57	74.52 8.38 -0.15	63.74 7.13 -0.01	52.10 5.29 -0.01	41.01 4.10 -0.01
SOUTH_FORK_WT_PWR 323839	40.05 2.31 -7.76	36.30 2.37 -3.86	35.47 2.21 -3.83	33.43 2.34 -2.24	33.64 2.52 -0.01	34.08 2.73 -0.01	37.97 2.97 -0.01	38.23 3.85 -0.01	35.47 3.68 -0.01	31.59 3.63 -0.01	33.41 3.18 -7.48	39.74 3.10 -14.52	39.59 3.11 -14.76	32.58 2.97 -8.83	34.16 2.83 -10.80	33.68 2.78 -9.80	44.51 3.06 -16.74	51.90 4.60 -9.55	55.91 5.78 -1.97	67.75 7.62 -0.57	74.39 8.25 -0.15	63.68 7.07 -0.01	52.05 5.24 -0.01	41.01 4.10 -0.01

SPIERFLS_115KV_TB 1 80737	40.62	36.14	35.44	32.95	32.70	32.97	36.85	35.95	33.02	28.98	32.16	33.04	32.16	30.55	31.21	33.16	36.74	49.08	50.52	62.95	69.55	59.49	49.14	38.53
	1.62	1.59	1.56	1.50	1.59	1.63	1.85	1.58	1.24	1.03	0.75	0.66	0.61	0.52	0.55	0.65	0.82	1.70	2.36	3.39	3.56	2.89	2.34	1.62
	-9.01	-4.48	-4.45	-2.60	0.00	0.00	0.00	0.00	0.00	0.00	-8.67	-10.26	-9.82	-9.25	-10.13	-11.41	-11.21	-9.63	0.00	0.00	0.00	0.00	0.00	0.00
ST LAWRENCE____ 23600	29.44	29.52	28.93	28.37	30.59	30.81	34.43	33.78	31.33	27.53	22.40	21.83	21.40	20.47	20.23	20.82	24.41	37.19	47.59	58.72	65.46	56.09	46.52	36.65
	-0.54	-0.54	-0.50	-0.49	-0.53	-0.53	-0.56	-0.58	-0.44	-0.42	-0.34	-0.29	-0.33	-0.31	-0.29	-0.27	-0.30	-0.57	-0.58	-0.83	-0.53	-0.51	-0.28	-0.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STATE_CA_115KV_115_LB 55624	39.84	35.48	34.79	32.36	32.08	32.35	36.11	35.47	32.70	28.79	31.94	32.84	31.98	30.45	31.05	32.94	36.44	48.38	49.70	61.46	67.84	58.19	48.02	37.87
	1.02	1.02	1.00	0.95	0.96	1.00	1.12	1.10	0.92	0.84	0.68	0.64	0.61	0.58	0.57	0.63	0.72	1.17	1.54	1.91	1.85	1.58	1.22	0.96
	-8.84	-4.40	-4.37	-2.55	0.00	0.00	0.00	0.00	0.00	0.00	-8.51	-10.08	-9.65	-9.09	-9.95	-11.21	-11.02	-9.46	0.00	0.00	0.00	0.00	0.00	0.00
STATE_ST_34_KV_LOAD 55959	30.79	30.46	29.79	29.03	31.15	31.34	35.02	34.33	31.52	27.69	23.27	22.77	22.37	21.36	21.20	21.87	25.47	38.49	44.01	58.68	66.67	56.43	46.70	36.83
	0.00	0.00	-0.03	-0.06	0.03	0.00	0.03	-0.03	-0.25	-0.25	-0.25	-0.27	-0.24	-0.25	-0.23	-0.25	-0.25	-0.30	-0.34	-0.18	-0.13	-0.17	-0.09	-0.07
	-0.81	-0.40	-0.40	-0.23	0.00	0.00	0.00	0.00	0.00	0.00	-0.78	-0.92	-0.88	-0.83	-0.91	-1.02	-1.01	-1.04	3.81	0.70	-0.81	0.01	0.01	0.00
STATION 5_MISC_HYD 23604	29.27	29.01	28.34	27.68	29.93	30.11	33.58	33.06	30.05	26.43	21.97	21.39	21.06	20.09	19.92	20.65	23.83	36.10	39.62	53.92	61.51	53.37	44.73	35.69
	-1.26	-1.32	-1.35	-1.33	-1.18	-1.22	-1.40	-1.31	-1.72	-1.51	-1.30	-1.35	-1.26	-1.25	-1.21	-1.14	-1.56	-2.57	-3.32	-3.87	-3.69	-3.22	-2.06	-1.22
	-0.54	-0.27	-0.26	-0.15	0.00	0.00	0.01	0.00	0.01	0.01	-0.52	-0.62	-0.59	-0.56	-0.61	-0.69	-0.68	-0.91	5.22	1.77	0.78	0.01	0.01	0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	29.73	29.48	28.83	28.13	30.33	30.52	34.07	33.48	30.56	26.85	22.36	21.80	21.43	20.47	20.26	20.89	24.31	36.91	40.84	54.82	61.97	54.44	45.39	36.06
	-0.84	-0.87	-0.88	-0.89	-0.78	-0.81	-0.91	-0.89	-1.21	-1.09	-0.96	-1.00	-0.93	-0.91	-0.92	-0.95	-1.14	-1.77	-2.26	-2.56	-2.71	-2.15	-1.40	-0.85
	-0.59	-0.29	-0.29	-0.16	0.00	0.00	0.01	0.00	0.01	0.01	-0.57	-0.67	-0.64	-0.60	-0.66	-0.75	-0.73	-0.93	5.06	2.17	1.32	0.01	0.01	0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	29.15	28.92	28.25	27.59	29.81	29.99	33.44	32.93	29.96	26.35	21.93	21.35	21.00	20.07	19.82	20.46	23.74	36.02	39.63	53.70	60.82	53.14	44.54	35.50
	-1.38	-1.41	-1.44	-1.41	-1.31	-1.35	-1.54	-1.44	-1.81	-1.59	-1.34	-1.39	-1.33	-1.27	-1.31	-1.33	-1.66	-2.64	-3.42	-4.05	-4.29	-3.45	-2.25	-1.40
	-0.55	-0.27	-0.27	-0.15	0.00	0.00	0.01	0.00	0.01	0.01	-0.53	-0.63	-0.60	-0.56	-0.62	-0.69	-0.68	-0.91	5.11	1.81	0.88	0.01	0.01	0.00
STA_56____34_KV_BUS2 355983	29.15	28.92	28.25	27.59	29.81	29.99	33.44	32.93	29.96	26.35	21.93	21.35	21.00	20.07	19.82	20.46	23.74	36.02	39.63	53.70	60.82	53.14	44.54	35.50
	-1.38	-1.41	-1.44	-1.41	-1.31	-1.35	-1.54	-1.44	-1.81	-1.59	-1.34	-1.39	-1.33	-1.27	-1.31	-1.33	-1.66	-2.64	-3.42	-4.05	-4.29	-3.45	-2.25	-1.40
	-0.55	-0.27	-0.27	-0.15	0.00	0.00	0.01	0.00	0.01	0.01	-0.53	-0.63	-0.60	-0.56	-0.62	-0.69	-0.68	-0.91	5.11	1.81	0.88	0.01	0.01	0.00
STA_67____115KV_BK2 355882	29.21	28.97	28.31	27.65	29.90	30.05	33.55	32.99	30.02	26.38	21.95	21.37	21.02	20.09	19.84	20.50	23.76	36.02	39.53	53.80	60.92	53.19	44.64	35.61
	-1.32	-1.35	-1.38	-1.36	-1.21	-1.29	-1.43	-1.37	-1.75	-1.57	-1.32	-1.37	-1.30	-1.25	-1.29	-1.29	-1.63	-2.64	-3.42	-3.99	-4.29	-3.40	-2.15	-1.29
	-0.54	-0.27	-0.26	-0.15	0.00	0.00	0.01	0.00	0.01	0.01	-0.52	-0.62	-0.59	-0.56	-0.61	-0.69	-0.68	-0.91	5.22	1.76	0.78	0.01	0.01	0.00
STA_7____115KV_9TRANS 80674	29.39	29.12	28.42	27.77	30.05	30.21	33.72	33.17	30.15	26.52	22.06	21.48	21.12	20.17	19.94	20.58	23.88	36.25	39.86	54.22	61.45	53.59	44.92	35.84
	-1.14	-1.20	-1.27	-1.24	-1.06	-1.13	-1.26	-1.20	-1.62	-1.43	-1.21	-1.26	-1.19	-1.16	-1.19	-1.20	-1.51	-2.42	-3.08	-3.57	-3.76	-3.00	-1.87	-1.07
	-0.54	-0.27	-0.26	-0.15	0.00	0.00	0.01	0.00	0.01	0.01	-0.52	-0.62	-0.59	-0.56	-0.61	-0.69	-0.68	-0.91	5.21	1.76	0.78	0.01	0.01	0.00
STA_82____115KV_TB1 80780	29.21	28.94	28.28	27.62	29.87	30.05	33.51	32.99	29.99	26.38	21.93	21.35	21.02	20.07	19.84	20.48	23.73	36.03	39.50	53.73	60.91	53.14	44.59	35.61
	-1.32	-1.38	-1.41	-1.39	-1.24	-1.29	-1.47	-1.37	-1.78	-1.57	-1.34	-1.39	-1.30	-1.27	-1.29	-1.31	-1.66	-2.64	-3.42	-4.05	-4.29	-3.45	-2.20	-1.29
	-0.54	-0.27	-0.26	-0.15	0.00	0.00	0.01	0.00	0.01	0.01	-0.52	-0.62	-0.59	-0.56	-0.61	-0.69	-0.68	-0.92	5.24	1.77	0.79	0.01	0.01	0.00
STEEL____WIND 323596	28.14	27.94	27.32	26.71	28.65	28.89	32.11	31.72	29.03	25.45	21.22	20.57	20.19	19.36	19.08	19.61	22.84	29.08	35.70	51.81	58.95	51.71	42.71	34.43
	-2.37	-2.38	-2.36	-2.28	-2.46	-2.44	-2.87	-2.65	-2.73	-2.49	-2.02	-2.15	-2.11	-1.95	-2.03	-2.15	-2.52	-3.55	-4.48	-5.36	-6.34	-4.87	-4.07	-2.47
	-0.52	-0.25	-0.25	-0.14	0.01	0.01	0.02	0.00	0.02	0.02	-0.50	-0.60	-0.57	-0.54	-0.59	-0.67	-0.66	5.12	7.98	2.38	0.70	0.02	0.02	0.00
STEPHTWN_115KV_BK_2 55603	39.92	35.59	34.90	32.48	32.24	32.50	36.29	35.64	32.86	28.93	31.97	32.85	32.00	30.44	31.03	32.91	36.45	48.49	49.99	61.88	68.30	58.52	48.30	38.09
	1.17	1.17	1.15	1.10	1.12	1.16	1.29	1.27	1.08	0.98	0.77	0.73	0.70	0.64	0.64	0.70	0.82	1.36	1.83	2.32	2.31	1.92	1.50	1.18
	-8.77	-4.36	-4.33	-2.53	0.00	0.00	0.00	0.00	0.00	0.00	-8.45	-10.00	-9.58	-9.02	-9.88	-11.12	-10.93	-9.38	0.00	0.00	0.00	0.00	0.00	0.00
STEBEN_REC_LFGE 323667	29.20	28.96	28.41	27.72	29.83	30.04	33.64	33.17	30.29	26.50	22.01	21.36	20.90	19.97	19.76	20.40	23.75	51.85	31.58	53.83	63.35	54.82	45.13	35.84
	-1.32	-1.35	-1.27	-1.27	-1.28	-1.29	-1.33	-1.20	-1.46	-1.43	-1.25	-1.37	-1.41	-1.35	-1.35	-1.37	-1.63	-2.08	-2.12	-1.97	-2.31	-1.75	-1.64	-1.07
	-0.53	-0.25	-0.25	-0.13	0.01	0.01	0.02	0.00	0.02	0.02	-0.52	-0.61	-0.59	-0.54	-0.60	-0.68	-0.67	-16.18	14.46	3.75	0.33	0.03	0.03	0.00
STILLWATER____SOLAR 323814	40.55	36.09	35.39	32.92	32.64	32.91	36.77	36.02	33.08	29.07	32.25	33.14	32.26	30.69	31.29	33.23	36.82	49.12	50.57	62.77	69.29	59.43	49.05	38.57
	1.59	1.56	1.53	1.47	1.52	1.57	1.78	1.65	1.30	1.12	0.86	0.80	0.74	0.68	0.68	0.76	0.94	1.77	2.41	3.21	3.30	2.83	2.25	1.66
	-8.98	-4.47	-4.44	-2.59	0.00	0.00	0.00	0.00	0.00	0.00	-8.64	-10.23	-9.79	-9.22	-10.10	-11.37	-11.18	-9.60	0.00	0.00	0.00	0.00	0.00	0.00

STONY___BROOK 24151	40.95 3.21 -7.76	37.17 3.25 -3.86	36.29 3.03 -3.84	34.16 3.06 -2.24	34.27 3.14 -0.01	34.67 3.32 -0.01	38.60 3.60 -0.01	38.16 3.78 -0.01	35.31 3.53 -0.01	31.28 3.32 -0.01	33.02 2.80 -7.48	39.40 2.74 -14.54	39.26 2.76 -14.77	32.27 2.66 -8.83	33.89 2.56 -10.81	33.44 2.55 -9.80	44.31 2.84 -16.76	51.71 4.41 -9.55	55.53 5.39 -1.97	66.79 6.67 -0.57	73.13 6.99 -0.15	62.44 5.83 -0.01	51.21 4.40 -0.01	40.27 3.36 -0.01
STURGEON_POOL_HYD 23609	39.74 1.89 -7.87	35.87 1.89 -3.91	35.08 1.77 -3.89	32.88 1.76 -2.27	33.05 1.93 0.00	33.38 2.04 0.00	37.23 2.24 0.00	36.71 2.34 0.00	33.94 2.16 0.00	29.93 1.98 0.00	31.86 1.57 -7.54	32.60 1.55 -8.93	31.82 1.54 -8.55	30.31 1.48 -8.05	30.77 1.44 -8.82	32.50 1.48 -9.93	36.12 1.66 -9.76	48.81 2.68 -8.38	53.82 3.76 -1.90	64.80 4.70 -0.55	70.88 4.75 -0.14	60.62 4.02 0.00	49.65 2.85 0.00	38.90 1.99 0.00
ST_LAW_115_BK7_LBMP 345037	29.41 -0.57 0.00	29.49 -0.57 0.00	28.87 -0.56 0.00	28.34 -0.52 0.00	30.56 -0.56 0.00	30.78 -0.56 0.00	34.40 -0.60 0.00	33.72 -0.65 0.00	31.27 -0.51 0.00	27.50 -0.45 0.00	22.38 -0.36 0.00	21.79 -0.33 0.00	21.38 -0.35 0.00	20.44 -0.33 0.00	20.19 -0.33 0.00	20.80 -0.30 0.00	24.39 -0.32 0.00	37.15 -0.61 0.00	47.53 -0.63 0.00	58.66 -0.89 0.00	65.39 -0.60 0.00	56.03 -0.57 0.00	46.47 -0.33 0.00	36.65 -0.26 0.00
ST_LAW_115_BK8_LBMP 345038	29.41 -0.57 0.00	29.49 -0.57 0.00	28.87 -0.56 0.00	28.34 -0.52 0.00	30.56 -0.56 0.00	30.78 -0.56 0.00	34.40 -0.60 0.00	33.72 -0.65 0.00	31.27 -0.51 0.00	27.50 -0.45 0.00	22.38 -0.36 0.00	21.79 -0.33 0.00	21.38 -0.35 0.00	20.44 -0.33 0.00	20.19 -0.33 0.00	20.80 -0.30 0.00	24.39 -0.32 0.00	37.15 -0.61 0.00	47.53 -0.63 0.00	58.66 -0.89 0.00	65.39 -0.60 0.00	56.03 -0.57 0.00	46.47 -0.33 0.00	36.65 -0.26 0.00
ST_LAW_230_BK5_LBMP 345035	29.44 -0.54 0.00	29.52 -0.54 0.00	28.93 -0.50 0.00	28.37 -0.49 0.00	30.59 -0.53 0.00	30.81 -0.53 0.00	34.43 -0.56 0.00	33.78 -0.58 0.00	31.33 -0.44 0.00	27.53 -0.42 0.00	22.40 -0.34 0.00	21.83 -0.29 0.00	21.40 -0.33 0.00	20.47 -0.31 0.00	20.23 -0.29 0.00	20.82 -0.27 0.00	24.41 -0.30 0.00	37.19 -0.57 0.00	47.59 -0.58 0.00	58.72 -0.83 0.00	65.46 -0.53 0.00	56.09 -0.51 0.00	46.52 -0.28 0.00	36.65 -0.26 0.00
ST_LAW_230_BK6_LBMP 345036	29.44 -0.54 0.00	29.52 -0.54 0.00	28.93 -0.50 0.00	28.37 -0.49 0.00	30.59 -0.53 0.00	30.81 -0.53 0.00	34.43 -0.56 0.00	33.78 -0.58 0.00	31.33 -0.44 0.00	27.53 -0.42 0.00	22.40 -0.34 0.00	21.83 -0.29 0.00	21.40 -0.33 0.00	20.47 -0.31 0.00	20.23 -0.29 0.00	20.82 -0.27 0.00	24.41 -0.30 0.00	37.19 -0.57 0.00	47.59 -0.58 0.00	58.72 -0.83 0.00	65.46 -0.53 0.00	56.09 -0.51 0.00	46.52 -0.28 0.00	36.65 -0.26 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	39.29 1.83 -7.48	35.62 1.83 -3.72	34.83 1.71 -3.70	32.72 1.70 -2.16	32.80 1.68 0.00	33.16 1.82 0.00	36.95 1.96 0.00	36.43 2.06 0.00	33.72 1.94 0.00	29.80 1.84 0.00	31.52 1.57 -7.20	32.19 1.55 -8.52	31.43 1.54 -8.16	30.00 1.54 -7.69	30.44 1.50 -8.42	32.09 1.52 -9.48	35.73 1.70 -9.32	48.39 2.68 -7.96	53.84 3.52 -2.17	64.46 4.29 -0.62	70.50 4.36 -0.16	60.22 3.62 0.00	49.28 2.48 0.00	38.68 1.77 0.00
SWANROAD_115KV_TB1 355699	27.45 -3.06 -0.53	27.22 -3.10 -0.25	26.56 -3.12 -0.25	25.97 -3.03 -0.14	28.25 -2.86 0.01	28.39 -2.95 0.01	31.34 -3.64 0.01	31.00 -3.37 0.00	28.11 -3.65 0.01	24.72 -3.21 0.01	20.61 -2.64 -0.51	20.00 -2.72 -0.60	19.65 -2.65 -0.58	18.86 -2.45 -0.54	18.59 -2.52 -0.59	19.28 -2.49 -0.67	22.15 -3.21 -0.66	29.20 -4.87 3.69	34.95 -6.12 7.10	49.52 -7.86 2.17	56.24 -9.04 0.71	49.45 -7.13 0.02	41.54 -5.24 0.02	33.58 -3.32 0.00
SYNERGY___BIOGAS 323694	28.63 -1.89 -0.53	28.40 -1.92 -0.26	27.74 -1.94 -0.26	27.10 -1.90 -0.14	29.37 -1.74 0.01	29.55 -1.79 0.01	32.84 -2.13 0.01	32.34 -2.03 0.00	29.29 -2.48 0.01	25.67 -2.26 0.01	21.35 -1.91 -0.51	20.71 -2.01 -0.61	20.35 -1.96 -0.58	19.47 -1.85 -0.55	19.23 -1.89 -0.60	19.92 -1.86 -0.68	23.03 -2.35 -0.67	32.07 -3.44 2.25	37.58 -4.19 6.39	52.53 -5.00 2.02	59.64 -5.61 0.74	52.23 -4.36 0.01	43.74 -3.04 0.01	35.13 -1.77 0.00
SYRACUSE___ENERGY_ST1 323597	30.70 0.00 -0.71	30.39 -0.03 -0.35	29.75 -0.03 -0.35	29.00 -0.06 -0.20	31.15 0.03 0.00	31.31 -0.03 0.00	34.99 0.00 0.00	34.30 -0.07 0.00	31.55 -0.22 0.00	27.72 -0.22 0.00	23.23 -0.20 -0.69	22.73 -0.20 -0.81	22.33 -0.17 -0.78	21.34 -0.17 -0.73	21.18 -0.14 -0.80	21.81 -0.19 -0.90	25.40 -0.20 -0.89	38.34 -0.26 -0.85	45.09 -0.48 2.59	58.52 -0.42 0.62	66.13 -0.46 -0.60	56.20 -0.40 0.00	46.52 -0.28 0.00	36.72 -0.18 0.00
SYRACUSE___ENERGY_ST2 323598	30.70 0.00 -0.71	30.39 -0.03 -0.35	29.75 -0.03 -0.35	29.00 -0.06 -0.20	31.15 0.03 0.00	31.31 -0.03 0.00	34.99 0.00 0.00	34.30 -0.07 0.00	31.55 -0.22 0.00	27.72 -0.22 0.00	23.23 -0.20 -0.69	22.73 -0.20 -0.81	22.33 -0.17 -0.78	21.34 -0.17 -0.73	21.18 -0.14 -0.80	21.81 -0.19 -0.90	25.40 -0.20 -0.89	38.34 -0.26 -0.85	45.09 -0.48 2.59	58.52 -0.42 0.62	66.13 -0.46 -0.60	56.20 -0.40 0.00	46.52 -0.28 0.00	36.72 -0.18 0.00
SYRACUSE___POWER 24017	30.77 -0.06 -0.85	30.42 -0.06 -0.42	29.79 -0.06 -0.42	29.02 -0.09 -0.25	31.09 -0.03 0.00	31.28 -0.06 0.00	34.92 -0.07 0.00	34.27 -0.10 0.00	31.52 -0.25 0.00	27.70 -0.25 0.00	23.35 -0.20 -0.81	22.86 -0.22 -0.96	22.45 -0.20 -0.92	21.46 -0.19 -0.87	21.31 -0.16 -0.95	21.96 -0.21 -1.07	25.54 -0.22 -1.05	38.35 -0.30 -0.91	45.37 -0.48 2.31	58.54 -0.42 0.59	65.86 -0.46 -0.34	56.20 -0.40 0.00	46.47 -0.33 0.00	36.65 -0.26 0.00
TALLMAN__138KV_BK151 55660	39.52 2.01 -7.52	35.82 2.01 -3.74	35.00 1.85 -3.72	32.90 1.88 -2.17	32.95 1.84 0.00	33.32 1.97 0.00	37.13 2.13 0.00	36.64 2.27 0.00	33.94 2.16 0.00	30.02 2.07 0.00	31.83 1.77 -7.31	32.45 1.75 -8.58	31.70 1.76 -8.22	30.28 1.77 -7.74	30.72 1.72 -8.47	32.37 1.73 -9.54	36.01 1.93 -9.38	48.85 3.02 -8.08	54.21 3.95 -2.10	64.92 4.76 -0.60	70.96 4.82 -0.16	60.68 4.08 0.00	49.56 2.76 0.00	38.86 1.96 0.00
TEALLAVE_115KV_TB7 355573	30.52 -0.18 -0.71	30.21 -0.21 -0.35	29.57 -0.21 -0.35	28.83 -0.23 -0.21	30.96 -0.16 0.00	31.12 -0.22 0.00	34.78 -0.21 0.00	34.13 -0.24 0.00	31.40 -0.38 0.00	27.59 -0.36 0.00	23.11 -0.32 -0.68	22.62 -0.31 -0.81	22.22 -0.28 -0.77	21.24 -0.27 -0.73	21.05 -0.27 -0.80	21.70 -0.30 -0.90	25.24 -0.35 -0.88	38.02 -0.49 -0.76	45.38 -0.77 2.01	58.14 -0.83 0.58	65.25 -0.92 -0.18	55.86 -0.74 0.00	46.24 -0.56 0.00	36.50 -0.41 0.00
TELGRAPH_34_KV_EAST 80808	28.15 -2.37 -0.53	27.91 -2.40 -0.26	27.27 -2.41 -0.26	26.63 -2.37 -0.14	28.87 -2.24 0.01	29.05 -2.29 0.01	32.21 -2.76 0.01	31.79 -2.58 0.00	28.84 -2.92 0.01	25.31 -2.63 0.01	21.07 -2.18 -0.51	20.45 -2.28 -0.61	20.09 -2.22 -0.58	19.26 -2.06 -0.54	19.00 -2.11 -0.60	19.68 -2.09 -0.67	22.70 -2.67 -0.66	30.86 -4.00 2.89	36.48 -5.01 6.68	51.28 -6.19 2.08	58.20 -7.06 0.73	51.04 -5.55 0.01	42.81 -3.98 0.01	34.51 -2.40 0.00

TEMPLE___115KV_TB 2 55572	30.53 -0.18 -0.72	30.24 -0.18 -0.36	29.61 -0.18 -0.36	28.86 -0.20 -0.21	30.96 -0.16 0.00	31.15 -0.19 0.00	34.78 -0.21 0.00	34.13 -0.24 0.00	31.40 -0.38 0.00	27.61 -0.34 0.00	23.14 -0.30 -0.69	22.65 -0.29 -0.82	22.25 -0.26 -0.78	21.27 -0.25 -0.74	21.08 -0.25 -0.81	21.73 -0.27 -0.91	25.28 -0.32 -0.89	38.07 -0.45 -0.77	45.42 -0.72 2.02	58.20 -0.77 0.58	65.31 -0.86 -0.18	55.86 -0.74 0.00	46.29 -0.51 0.00	36.50 -0.41 0.00
TIANA___69_KV_BK 1 55817	40.80 3.06 -7.76	37.02 3.10 -3.86	36.17 2.91 -3.83	34.07 2.97 -2.24	34.21 3.08 -0.01	34.64 3.29 -0.01	38.53 3.53 -0.01	38.33 3.95 -0.01	35.47 3.69 -0.01	31.45 3.49 -0.01	33.23 3.00 -7.48	39.56 2.92 -14.52	39.42 2.93 -14.76	32.43 2.78 -8.87	34.07 2.71 -10.84	33.68 2.74 -9.84	44.48 2.99 -16.78	51.94 4.64 -9.55	55.82 5.68 -1.97	67.33 7.21 -0.57	73.80 7.65 -0.15	63.06 6.45 -0.01	51.72 4.91 -0.01	40.64 3.73 -0.01
TILDEN___115KV_TB1 80814	30.77 -0.06 -0.85	30.42 -0.06 -0.42	29.79 -0.06 -0.42	29.02 -0.09 -0.25	31.09 -0.03 0.00	31.28 -0.06 0.00	34.92 -0.07 0.00	34.27 -0.10 0.00	31.52 -0.25 0.00	27.70 -0.25 0.00	23.35 -0.20 -0.81	22.86 -0.22 -0.96	22.45 -0.20 -0.92	21.46 -0.19 -0.87	21.31 -0.16 -0.95	21.96 -0.21 -1.07	25.54 -0.22 -1.05	38.35 -0.30 -0.91	45.37 -0.48 2.31	58.54 -0.42 0.59	65.86 -0.46 -0.34	56.20 -0.40 0.00	46.47 -0.33 0.00	36.65 -0.26 0.00
TRIGEN___CC 323695	40.41 2.67 -7.76	36.57 2.65 -3.87	35.80 2.53 -3.84	33.59 2.48 -2.25	33.62 2.49 -0.02	34.05 2.70 -0.02	37.98 2.97 -0.02	37.44 3.06 -0.02	34.75 2.96 -0.02	30.70 2.74 -0.02	32.48 2.25 -7.49	43.00 2.21 -18.67	43.31 2.24 -19.35	32.41 2.12 -9.52	34.98 2.07 -12.39	33.03 2.09 -9.85	48.99 2.30 -21.98	51.75 3.51 -10.49	54.76 4.62 -1.98	65.61 5.48 -0.58	71.89 5.74 -0.16	61.26 4.64 -0.02	50.23 3.42 -0.02	39.39 2.47 -0.02
TRINITY___115KV___ 4 BK 55933	39.72 0.96 -8.78	35.39 0.96 -4.36	34.70 0.94 -4.34	32.28 0.89 -2.53	32.05 0.93 0.00	32.28 0.94 0.00	36.04 1.05 0.00	35.40 1.03 0.00	32.67 0.89 0.00	28.76 0.81 0.00	31.87 0.66 -8.46	32.75 0.62 -10.02	31.93 0.61 -9.59	30.39 0.58 -9.03	30.99 0.57 -9.89	32.85 0.61 -11.14	36.35 0.69 -10.95	48.24 1.09 -9.40	49.65 1.49 0.00	61.34 1.79 0.00	67.64 1.65 0.00	58.02 1.42 0.00	47.92 1.12 0.00	37.79 0.89 0.00
UNION___PROCESSING_DRP 323587	29.21 -1.32 -0.55	28.98 -1.35 -0.27	28.28 -1.41 -0.26	27.62 -1.39 -0.15	29.90 -1.21 0.00	30.05 -1.29 0.00	33.51 -1.47 0.01	32.99 -1.37 0.00	29.99 -1.78 0.01	26.38 -1.57 0.01	21.95 -1.32 -0.53	21.35 -1.39 -0.62	21.02 -1.30 -0.60	20.09 -1.25 -0.56	19.84 -1.29 -0.61	20.48 -1.31 -0.69	23.73 -1.66 -0.68	36.03 -2.64 -0.92	39.50 -3.42 5.24	53.73 -4.05 1.78	60.91 -4.29 0.79	53.19 -3.40 0.01	44.59 -2.20 0.01	35.61 -1.29 0.00
UPPER HUDSON___HYD 24058	40.61 1.62 -9.01	36.14 1.59 -4.48	35.44 1.56 -4.45	32.95 1.50 -2.60	32.70 1.59 0.00	32.97 1.63 0.00	36.84 1.85 0.00	35.95 1.58 0.00	33.02 1.24 0.00	28.98 1.03 0.00	32.16 0.75 -8.67	33.04 0.66 -10.26	32.16 0.61 -9.82	30.55 0.52 -9.25	31.18 0.53 -10.13	33.13 0.63 -11.40	36.73 0.81 -11.21	49.08 1.70 -9.63	50.52 2.36 0.00	62.95 3.39 0.00	69.48 3.49 0.00	59.49 2.89 0.00	49.09 2.29 0.00	38.53 1.62 0.00
UPPER RAQUET___HYD 24056	28.92 -1.20 -0.14	28.96 -1.17 -0.07	28.35 -1.15 -0.07	27.83 -1.07 -0.04	29.97 -1.15 0.00	30.03 -1.32 0.00	33.66 -1.33 0.00	32.82 -1.55 0.00	30.38 -1.40 0.00	26.61 -1.34 0.00	21.74 -1.14 -0.13	21.26 -1.02 -0.16	20.81 -1.06 -0.15	19.88 -1.04 -0.14	19.65 -1.03 -0.16	20.35 -0.93 -0.18	23.87 -1.01 -0.17	36.01 -1.89 -0.15	46.28 -1.88 0.00	57.29 -2.26 0.00	64.25 -1.85 -0.11	54.90 -1.70 0.00	45.77 -1.03 0.00	36.02 -0.89 0.00
VALLEY44___115KV_TB2 355964	28.52 -1.98 -0.52	28.27 -2.04 -0.25	27.85 -1.82 -0.25	27.14 -1.85 -0.13	28.65 -2.46 0.01	28.89 -2.44 0.01	32.24 -2.73 0.02	31.86 -2.51 0.00	29.57 -2.19 0.02	25.92 -2.01 0.02	21.68 -1.57 -0.50	21.14 -1.57 -0.60	20.67 -1.63 -0.57	19.83 -1.48 -0.53	19.73 -1.37 -0.58	20.47 -1.29 -0.66	23.85 -1.51 -0.65	34.63 -1.85 1.27	36.75 -2.17 9.25	54.38 -2.50 2.68	61.40 -3.89 0.70	53.75 -2.83 0.02	43.13 -3.65 0.02	34.40 -2.51 0.00
VALLEY___115KV_TB 1-4 80826	30.01 0.03 0.00	30.09 0.03 0.00	29.43 0.00 0.00	28.80 -0.06 0.00	31.05 -0.06 0.00	31.34 0.00 0.00	35.03 0.03 0.00	34.44 0.07 0.00	31.81 0.03 0.00	27.92 -0.03 0.00	22.70 -0.05 0.00	22.07 -0.04 0.00	21.62 -0.11 0.00	20.63 -0.15 0.00	20.29 -0.23 0.00	20.82 -0.27 0.00	24.41 -0.30 0.00	37.37 -0.38 0.00	47.87 -0.29 0.00	59.37 -0.18 0.00	65.79 -0.20 0.00	56.49 -0.11 0.00	46.85 0.05 0.00	36.98 0.07 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	35.38 1.65 -3.74	33.58 1.65 -1.86	32.93 1.65 -1.85	31.50 1.56 -1.08	32.77 1.65 0.00	33.01 1.66 0.00	37.87 2.87 -0.01	36.98 2.61 0.00	33.69 1.91 -0.01	29.08 1.12 -0.01	25.61 0.77 -2.09	25.36 0.91 -2.33	24.85 0.89 -2.24	23.82 0.93 -2.11	23.77 0.94 -2.31	24.52 0.82 -2.60	28.54 1.28 -2.55	42.27 2.53 -1.99	56.29 2.65 -5.48	64.70 3.51 -1.63	70.29 3.70 -0.61	59.78 3.17 -0.01	49.24 2.43 -0.01	38.68 1.77 0.00
VISCHER___FERRY HYD 24020	40.25 1.38 -8.88	35.86 1.38 -4.42	35.14 1.33 -4.39	32.72 1.30 -2.56	32.45 1.34 0.00	32.72 1.38 0.00	36.53 1.54 0.00	35.88 1.51 0.00	33.05 1.27 0.00	29.10 1.15 0.00	32.23 0.93 -8.56	33.13 0.89 -10.13	32.27 0.85 -9.70	30.70 0.79 -9.13	31.32 0.80 -10.00	33.18 0.82 -11.26	36.77 0.99 -11.07	48.91 1.66 -9.50	50.38 2.22 0.00	62.35 2.80 0.00	68.63 2.64 0.00	58.98 2.38 0.00	48.67 1.87 0.00	38.34 1.44 0.00
V_A_10_SYNC_DSASP 323832	28.32 -2.19 -0.53	28.12 -2.19 -0.26	27.41 -2.27 -0.25	26.81 -2.19 -0.14	29.06 -2.05 0.01	29.21 -2.13 0.01	32.50 -2.48 0.01	32.07 -2.30 0.00	29.07 -2.70 0.01	25.56 -2.38 0.01	21.28 -1.98 -0.51	20.67 -2.06 -0.60	20.35 -1.96 -0.58	19.49 -1.83 -0.54	19.20 -1.91 -0.59	19.87 -1.90 -0.67	22.87 -2.50 -0.66	31.50 -4.00 2.24	36.74 -5.25 6.17	51.19 -6.43 1.93	58.23 -7.06 0.70	50.98 -5.60 0.01	43.04 -3.74 0.01	34.65 -2.25 0.00
V_CMM_10_SYNC_DSASP 323787	29.53 -0.45 0.00	29.61 -0.45 0.00	29.01 -0.41 0.00	28.45 -0.40 0.00	30.68 -0.44 0.00	30.90 -0.44 0.00	34.54 -0.45 0.00	33.85 -0.52 0.00	31.40 -0.38 0.00	27.59 -0.36 0.00	22.45 -0.30 0.00	21.88 -0.24 0.00	21.44 -0.28 0.00	20.51 -0.27 0.00	20.29 -0.23 0.00	20.89 -0.21 0.00	24.49 -0.22 0.00	37.30 -0.45 0.00	47.73 -0.43 0.00	58.60 -0.95 0.00	65.72 -0.26 0.00	56.26 -0.34 0.00	46.61 -0.19 0.00	36.79 -0.11 0.00
V_CMP_10_SYNC_DSASP 323788	29.53 -0.45 0.00	29.61 -0.45 0.00	28.98 -0.44 0.00	28.45 -0.40 0.00	30.74 -0.37 0.00	31.00 -0.34 0.00	34.71 -0.28 0.00	33.99 -0.38 0.00	31.52 -0.25 0.00	27.67 -0.28 0.00	22.47 -0.27 0.00	21.88 -0.24 0.00	21.44 -0.28 0.00	20.49 -0.29 0.00	20.27 -0.25 0.00	20.87 -0.23 0.00	24.49 -0.22 0.00	37.37 -0.38 0.00	47.92 -0.24 0.00	59.31 -0.24 0.00	66.32 0.33 0.00	56.71 0.11 0.00	46.94 0.14 0.00	37.05 0.15 0.00



V_D_10_SYNC_DSASP 323841	29.53 -0.45 0.00	29.64 -0.42 0.00	29.01 -0.41 0.00	28.48 -0.38 0.00	30.71 -0.40 0.00	30.90 -0.44 0.00	34.57 -0.42 0.00	33.82 -0.55 0.00	31.33 -0.44 0.00	27.53 -0.42 0.00	22.38 -0.36 0.00	21.83 -0.29 0.00	21.42 -0.30 0.00	20.47 -0.31 0.00	20.25 -0.27 0.00	20.87 -0.23 0.00	24.46 -0.25 0.00	37.22 -0.53 0.00	47.73 -0.43 0.00	58.90 -0.66 0.00	65.92 -0.07 0.00	56.32 -0.28 0.00	46.75 -0.05 0.00	36.87 -0.04 0.00
V_E_10_SYNC_DSASP 323830	34.20 1.59 -2.63	32.99 1.62 -1.31	32.40 1.68 -1.30	31.15 1.53 -0.76	32.89 1.77 0.00	33.16 1.82 0.00	37.34 2.34 0.00	36.43 2.06 0.00	33.21 1.43 0.00	28.68 0.73 0.00	25.64 0.43 -2.47	25.53 0.51 -2.90	24.98 0.48 -2.78	23.88 0.48 -2.62	23.82 0.43 -2.87	24.71 0.38 -3.23	28.65 0.77 -3.17	43.22 1.70 -3.77	53.79 2.60 -3.03	64.73 4.17 -1.00	71.35 4.69 -0.67	60.45 3.85 0.00	49.85 3.04 0.00	39.08 2.18 0.00
V_F_30_NSYNC___DSASP 323816	40.57 1.59 -9.00	36.13 1.59 -4.47	35.43 1.56 -4.44	32.92 1.47 -2.59	32.67 1.56 0.00	32.94 1.60 0.00	36.78 1.78 0.00	36.02 1.65 0.00	33.11 1.33 0.00	29.10 1.15 0.00	32.28 0.89 -8.65	33.18 0.82 -10.24	32.29 0.76 -9.81	30.72 0.71 -9.24	31.35 0.72 -10.11	33.29 0.80 -11.39	36.87 0.96 -11.19	49.17 1.81 -9.61	50.62 2.46 0.00	62.83 3.28 0.00	69.42 3.43 0.00	59.49 2.89 0.00	49.09 2.29 0.00	38.60 1.70 0.00
V_F_30_SYNC_DSASP 323786	39.84 1.02 -8.84	35.48 1.02 -4.39	34.79 1.00 -4.36	32.35 0.95 -2.55	32.08 0.96 0.00	32.35 1.00 0.00	36.11 1.12 0.00	35.47 1.10 0.00	32.70 0.92 0.00	28.79 0.84 0.00	31.94 0.68 -8.51	32.83 0.64 -10.07	31.98 0.61 -9.65	30.44 0.58 -9.09	31.04 0.57 -9.95	32.93 0.63 -11.20	36.43 0.72 -11.01	48.37 1.17 -9.45	49.70 1.54 0.00	61.46 1.91 0.00	67.84 1.85 0.00	58.19 1.58 0.00	48.02 1.22 0.00	37.87 0.96 0.00
V_XM_10_SYNC_DSASP 323789	29.53 -0.45 0.00	29.61 -0.45 0.00	28.98 -0.44 0.00	28.45 -0.40 0.00	30.74 -0.37 0.00	31.00 -0.34 0.00	34.71 -0.28 0.00	33.99 -0.38 0.00	31.52 -0.25 0.00	27.67 -0.28 0.00	22.47 -0.27 0.00	21.88 -0.24 0.00	21.44 -0.28 0.00	20.49 -0.29 0.00	20.27 -0.25 0.00	20.87 -0.23 0.00	24.49 -0.22 0.00	37.37 -0.38 0.00	47.92 -0.24 0.00	59.31 -0.24 0.00	66.32 0.33 0.00	56.71 0.11 0.00	46.94 0.14 0.00	37.05 0.15 0.00
W.BABYLN_69_KV_BK1 56697	40.89 3.15 -7.76	37.08 3.16 -3.86	36.23 2.97 -3.84	34.04 2.94 -2.24	34.14 3.02 -0.01	34.55 3.20 -0.01	38.50 3.50 -0.01	38.02 3.64 -0.01	35.19 3.40 -0.01	31.15 3.19 -0.01	32.91 2.68 -7.48	39.79 2.63 -15.04	39.70 2.65 -15.32	32.24 2.51 -8.95	34.02 2.46 -11.04	33.43 2.49 -9.84	44.90 2.77 -17.43	51.68 4.27 -9.66	55.43 5.30 -1.97	66.56 6.43 -0.57	72.94 6.80 -0.15	62.21 5.60 -0.01	51.11 4.31 -0.01	40.13 3.21 -0.01
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	39.64 2.10 -7.56	35.93 2.10 -3.76	35.13 1.97 -3.74	33.00 1.96 -2.18	33.08 1.96 0.00	33.44 2.10 0.00	37.27 2.27 0.00	36.78 2.41 0.00	34.03 2.26 0.00	30.10 2.15 0.00	31.85 1.82 -7.29	32.56 1.81 -8.63	31.79 1.80 -8.26	30.37 1.81 -7.78	30.80 1.76 -8.52	32.46 1.77 -9.59	36.11 1.98 -9.43	49.00 3.13 -8.12	54.28 4.05 -2.07	65.09 4.94 -0.60	71.16 5.02 -0.15	60.85 4.25 0.00	49.70 2.90 0.00	38.97 2.07 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	40.07 2.34 -7.75	36.26 2.34 -3.85	35.43 2.18 -3.83	33.28 2.19 -2.23	33.29 2.18 0.00	33.69 2.35 0.00	37.51 2.52 0.00	37.08 2.72 0.00	34.38 2.61 0.00	30.47 2.52 0.00	32.40 2.18 -7.47	33.11 2.15 -8.84	32.37 2.17 -8.47	30.81 2.06 -7.98	31.24 1.99 -8.73	32.91 1.98 -9.83	36.57 2.20 -9.66	49.41 3.40 -8.26	54.55 4.43 -1.96	65.48 5.36 -0.56	71.54 5.41 -0.15	61.18 4.58 0.00	49.84 3.04 0.00	39.05 2.14 0.00
W50THST__13_KV_LOAD 356117	40.19 2.46 -7.75	36.38 2.47 -3.85	35.55 2.30 -3.83	33.37 2.28 -2.23	33.42 2.30 0.00	33.82 2.48 0.00	37.65 2.66 0.00	37.22 2.85 0.00	34.54 2.76 0.00	30.60 2.66 0.00	32.49 2.27 -7.47	33.22 2.26 -8.84	32.45 2.26 -8.47	30.91 2.16 -7.98	31.35 2.09 -8.73	33.02 2.09 -9.83	36.67 2.30 -9.66	49.60 3.59 -8.26	54.80 4.67 -1.96	65.78 5.66 -0.56	71.87 5.74 -0.15	61.47 4.87 0.00	50.03 3.23 0.00	39.19 2.29 0.00
WADING RIVER_IC_1 23522	40.83 3.09 -7.76	37.05 3.13 -3.86	36.17 2.91 -3.83	34.04 2.94 -2.24	34.18 3.05 -0.01	34.58 3.23 -0.01	38.50 3.50 -0.01	38.12 3.75 -0.01	35.25 3.46 -0.01	31.23 3.27 -0.01	33.02 2.80 -7.48	39.36 2.72 -14.52	39.22 2.74 -14.75	32.24 2.64 -8.83	33.85 2.52 -10.80	33.40 2.51 -9.80	44.24 2.79 -16.74	51.64 4.34 -9.55	55.43 5.30 -1.97	66.79 6.67 -0.57	73.13 6.99 -0.15	62.44 5.83 -0.01	51.21 4.40 -0.01	40.31 3.39 -0.01
WADING RIVER_IC_2 23547	40.83 3.09 -7.76	37.05 3.13 -3.86	36.17 2.91 -3.83	34.04 2.94 -2.24	34.18 3.05 -0.01	34.58 3.23 -0.01	38.50 3.50 -0.01	38.12 3.75 -0.01	35.25 3.46 -0.01	31.23 3.27 -0.01	33.02 2.80 -7.48	39.36 2.72 -14.52	39.22 2.74 -14.75	32.24 2.64 -8.83	33.85 2.52 -10.80	33.40 2.51 -9.80	44.24 2.79 -16.74	51.64 4.34 -9.55	55.43 5.30 -1.97	66.79 6.67 -0.57	73.13 6.99 -0.15	62.44 5.83 -0.01	51.21 4.40 -0.01	40.31 3.39 -0.01
WADING RIVER_IC_3 23601	40.83 3.09 -7.76	37.05 3.13 -3.86	36.17 2.91 -3.83	34.04 2.94 -2.24	34.18 3.05 -0.01	34.58 3.23 -0.01	38.50 3.50 -0.01	38.12 3.75 -0.01	35.25 3.46 -0.01	31.23 3.27 -0.01	33.02 2.80 -7.48	39.36 2.72 -14.52	39.22 2.74 -14.75	32.24 2.64 -8.83	33.85 2.52 -10.80	33.40 2.51 -9.80	44.24 2.79 -16.74	51.64 4.34 -9.55	55.43 5.30 -1.97	66.79 6.67 -0.57	73.13 6.99 -0.15	62.44 5.83 -0.01	51.21 4.40 -0.01	40.31 3.39 -0.01
WALDENNY_12_KV_BK2 80841	28.05 -2.46 -0.52	27.85 -2.47 -0.25	27.26 -2.41 -0.25	26.63 -2.37 -0.14	28.65 -2.46 0.01	28.86 -2.48 0.01	32.07 -2.90 0.02	31.69 -2.68 0.00	28.93 -2.83 0.02	25.36 -2.57 0.02	21.16 -2.09 -0.50	20.53 -2.19 -0.60	20.12 -2.17 -0.57	19.32 -1.99 -0.53	19.08 -2.03 -0.59	19.78 -1.98 -0.66	22.84 -2.52 -0.65	29.09 -3.70 4.96	35.65 -4.62 7.89	51.60 -5.60 2.36	58.62 -6.66 0.70	51.49 -5.09 0.02	42.71 -4.07 0.02	34.36 -2.55 0.00
WALDEN___HYDRO 24148	39.70 2.07 -7.65	35.94 2.07 -3.80	35.15 1.94 -3.78	32.97 1.90 -2.21	33.05 1.93 0.00	33.41 2.07 0.00	37.23 2.24 0.00	36.71 2.34 0.00	33.94 2.16 0.00	29.93 1.98 0.00	31.76 1.66 -7.36	32.46 1.64 -8.71	31.69 1.63 -8.34	30.19 1.56 -7.85	30.66 1.54 -8.60	32.36 1.58 -9.68	36.00 1.78 -9.52	48.80 2.87 -8.18	54.04 3.85 -2.02	64.96 4.82 -0.58	71.02 4.88 -0.15	60.68 4.08 0.00	49.65 2.85 0.00	38.94 2.03 0.00
WARRENSBURG____ 23737	40.62 1.62 -9.01	36.14 1.59 -4.48	35.44 1.56 -4.45	32.95 1.50 -2.60	32.70 1.59 0.00	32.97 1.63 0.00	36.85 1.85 0.00	35.95 1.58 0.00	33.02 1.24 0.00	28.98 1.03 0.00	32.16 0.75 -8.67	33.04 0.66 -10.26	32.16 0.61 -9.82	30.55 0.52 -9.25	31.21 0.55 -10.13	33.16 0.65 -11.41	36.74 0.82 -11.21	49.08 1.70 -9.63	50.52 2.36 0.00	62.95 3.39 0.00	69.55 3.56 0.00	59.49 2.89 0.00	49.14 2.34 0.00	38.53 1.62 0.00

WATERSIDE___6 8 9 23538	40.07 2.34 -7.75	36.29 2.37 -3.85	35.43 2.18 -3.83	33.28 2.19 -2.23	33.29 2.18 0.00	33.66 2.32 0.00	37.41 2.41 0.00	36.98 2.61 0.00	34.26 2.48 0.00	30.41 2.46 0.00	32.33 2.12 -7.47	33.04 2.08 -8.84	32.32 2.13 -8.47	30.79 2.04 -7.98	31.22 1.97 -8.73	32.85 1.92 -9.83	36.47 2.10 -9.66	49.29 3.28 -8.26	54.41 4.29 -1.96	65.30 5.18 -0.56	71.35 5.21 -0.15	61.07 4.47 0.00	49.70 2.90 0.00	38.93 2.03 0.00
WATKINRD_115KV_LN8_ILLION 55919	29.95 -0.03 0.00	30.03 -0.03 0.00	29.34 -0.09 0.00	28.68 -0.17 0.00	30.96 -0.16 0.00	31.25 -0.09 0.00	34.92 -0.07 0.00	34.33 -0.03 0.00	31.71 -0.06 0.00	27.81 -0.14 0.00	22.63 -0.11 0.00	21.99 -0.13 0.00	21.51 -0.22 0.00	20.51 -0.27 0.00	20.15 -0.37 0.00	20.65 -0.44 0.00	24.21 -0.49 0.00	37.11 -0.64 0.00	47.58 -0.58 0.00	59.08 -0.48 0.00	65.46 -0.53 0.00	56.20 -0.40 0.00	46.75 -0.05 0.00	36.94 0.04 0.00
WDELAWARE___HYD 323627	39.64 2.22 -7.44	35.99 2.22 -3.70	35.19 2.09 -3.68	33.05 2.05 -2.15	33.17 2.05 0.00	33.54 2.19 0.00	37.48 2.48 0.00	36.91 2.54 0.00	34.07 2.29 0.00	29.97 2.01 0.00	31.37 1.66 -6.97	32.01 1.64 -8.25	31.23 1.61 -7.90	29.79 1.56 -7.45	30.19 1.52 -8.16	31.82 1.54 -9.18	35.51 1.78 -9.03	48.32 2.91 -7.66	54.35 4.00 -2.20	65.31 5.12 -0.63	71.43 5.28 -0.16	61.02 4.42 0.00	49.89 3.09 0.00	39.08 2.18 0.00
WEST BABYLON___IC 23714	40.89 3.15 -7.76	37.08 3.16 -3.86	36.23 2.97 -3.84	34.04 2.94 -2.24	34.14 3.02 -0.01	34.55 3.20 -0.01	38.50 3.50 -0.01	38.02 3.64 -0.01	35.19 3.40 -0.01	31.15 3.19 -0.01	32.91 2.68 -7.48	39.79 2.63 -15.04	39.70 2.65 -15.32	32.24 2.51 -8.95	34.02 2.46 -11.04	33.43 2.49 -9.84	44.90 2.77 -17.43	51.68 4.27 -9.66	55.43 5.30 -1.97	66.56 6.43 -0.57	72.94 6.80 -0.15	62.21 5.60 -0.01	51.11 4.31 -0.01	40.13 3.21 -0.01
WEST CANADA___HYD 24049	30.13 0.15 0.00	30.21 0.15 0.00	29.57 0.15 0.00	29.00 0.15 0.00	31.27 0.16 0.00	31.50 0.16 0.00	35.17 0.18 0.00	34.54 0.17 0.00	31.91 0.13 0.00	28.06 0.11 0.00	22.84 0.09 0.00	22.21 0.09 0.00	21.81 0.09 0.00	20.86 0.08 0.00	20.58 0.06 0.00	21.16 0.06 0.00	24.78 0.07 0.00	37.90 0.15 0.00	48.40 0.24 0.00	59.85 0.30 0.00	66.25 0.27 0.00	56.83 0.23 0.00	46.94 0.14 0.00	37.02 0.11 0.00
WESTERN_NY_WIND 24143	28.57 -1.95 -0.53	28.34 -1.98 -0.26	27.68 -2.00 -0.26	27.04 -1.96 -0.14	29.31 -1.80 0.01	29.49 -1.85 0.01	32.77 -2.20 0.01	32.27 -2.10 0.00	29.22 -2.54 0.01	25.62 -2.32 0.01	21.32 -1.93 -0.51	20.67 -2.06 -0.61	20.31 -2.00 -0.58	19.45 -1.87 -0.55	19.19 -1.93 -0.60	19.87 -1.90 -0.68	22.98 -2.40 -0.66	31.74 -3.51 2.50	37.37 -4.29 6.50	52.33 -5.18 2.05	59.44 -5.81 0.74	52.12 -4.47 0.01	43.65 -3.14 0.01	35.06 -1.85 0.00
WESTOVER___LESR 323668	33.67 0.42 -3.27	32.12 0.42 -1.63	31.46 0.41 -1.62	30.22 0.40 -0.96	31.56 0.44 -0.01	31.73 0.38 -0.01	35.46 0.45 -0.02	34.82 0.45 0.00	32.05 0.25 -0.02	28.14 0.17 -0.02	25.94 0.14 -3.06	25.86 0.13 -3.61	25.32 0.13 -3.46	24.19 0.15 -3.27	24.24 0.14 -3.57	25.27 0.15 -4.02	28.85 0.20 -3.95	40.88 0.42 -2.72	64.16 0.58 -15.42	64.93 0.83 -4.54	68.32 0.79 -1.54	57.30 0.68 -0.02	47.29 0.47 -0.02	37.24 0.33 0.00
WETHRSFD_WT_PWR 323626	28.34 -2.16 -0.51	28.14 -2.16 -0.24	27.58 -2.09 -0.24	26.97 -2.02 -0.13	29.02 -2.08 0.01	29.20 -2.13 0.01	32.56 -2.41 0.02	32.10 -2.27 0.00	29.25 -2.51 0.02	25.64 -2.29 0.02	21.33 -1.91 -0.50	20.65 -2.06 -0.59	20.23 -2.06 -0.56	19.37 -1.93 -0.53	19.07 -2.03 -0.58	19.58 -2.17 -0.66	22.84 -2.52 -0.65	13.35 -3.51 20.90	34.16 -4.14 9.86	52.05 -4.71 2.79	59.99 -5.34 0.65	52.39 -4.19 0.02	43.32 -3.46 0.02	34.80 -2.10 0.00
WHAVSTOR_138KV_BK127 55557	39.53 1.98 -7.57	35.84 2.01 -3.76	35.02 1.85 -3.74	32.89 1.85 -2.18	32.95 1.84 0.00	33.32 1.97 0.00	37.13 2.13 0.00	36.64 2.27 0.00	33.94 2.16 0.00	30.02 2.07 0.00	31.81 1.77 -7.30	32.50 1.75 -8.64	31.76 1.76 -8.27	30.31 1.75 -7.79	30.75 1.70 -8.53	32.41 1.71 -9.60	36.05 1.90 -9.44	48.86 2.98 -8.13	54.08 3.85 -2.07	64.85 4.70 -0.60	70.89 4.75 -0.15	60.62 4.02 0.00	49.51 2.71 0.00	38.82 1.92 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	39.53 1.98 -7.57	35.84 2.01 -3.76	35.02 1.85 -3.74	32.89 1.85 -2.18	32.95 1.84 0.00	33.32 1.97 0.00	37.13 2.13 0.00	36.64 2.27 0.00	33.94 2.16 0.00	30.02 2.07 0.00	31.81 1.77 -7.30	32.50 1.75 -8.64	31.76 1.76 -8.27	30.31 1.75 -7.79	30.75 1.70 -8.53	32.41 1.71 -9.60	36.05 1.90 -9.44	48.86 2.98 -8.13	54.08 3.85 -2.07	64.85 4.70 -0.60	70.89 4.75 -0.15	60.62 4.02 0.00	49.51 2.71 0.00	38.82 1.92 0.00
WHITEHAL_115KV_TB1 80871	41.03 2.04 -9.01	36.52 1.98 -4.48	35.82 1.94 -4.45	33.30 1.85 -2.60	33.08 1.96 0.00	33.35 2.01 0.00	37.30 2.31 0.00	36.36 1.99 0.00	33.30 1.53 0.00	29.18 1.23 0.00	32.31 0.91 -8.66	33.15 0.77 -10.25	32.26 0.72 -9.82	30.63 0.60 -9.25	31.28 0.64 -10.12	33.28 0.78 -11.40	36.90 0.99 -11.21	49.45 2.08 -9.62	51.15 2.99 0.00	63.96 4.41 0.00	70.74 4.75 0.00	60.39 3.79 0.00	49.84 3.04 0.00	39.05 2.14 0.00
WHITEPLN_13_KV_LOAD 356215	40.09 2.37 -7.74	36.32 2.40 -3.85	35.46 2.21 -3.82	33.28 2.19 -2.23	33.33 2.21 0.00	33.72 2.38 0.00	37.55 2.55 0.00	37.12 2.75 0.00	34.38 2.61 0.00	30.38 2.43 0.00	32.30 2.09 -7.47	33.03 2.08 -8.84	32.30 2.11 -8.46	30.83 2.08 -7.97	31.28 2.03 -8.73	32.97 2.05 -9.83	36.66 2.30 -9.66	49.63 3.62 -8.25	54.85 4.72 -1.96	65.90 5.78 -0.57	72.01 5.87 -0.15	61.52 4.92 0.00	49.98 3.18 0.00	39.12 2.21 0.00
WM_FLOYD_69_KV_BK2 356380	40.86 3.12 -7.76	37.08 3.16 -3.86	36.23 2.97 -3.84	34.07 2.97 -2.24	34.21 3.08 -0.01	34.58 3.23 -0.01	38.50 3.50 -0.01	38.09 3.71 -0.01	35.25 3.46 -0.01	31.20 3.24 -0.01	32.98 2.75 -7.48	39.33 2.68 -14.53	39.18 2.69 -14.76	32.22 2.58 -8.87	33.87 2.50 -10.85	33.47 2.53 -9.84	44.27 2.77 -16.79	51.60 4.30 -9.55	55.38 5.25 -1.97	66.68 6.55 -0.57	73.07 6.93 -0.15	62.38 5.77 -0.01	51.25 4.45 -0.01	40.24 3.32 -0.01
WOODARD__115KV_TB2 355635	30.49 -0.21 -0.72	30.18 -0.24 -0.36	29.55 -0.24 -0.36	28.80 -0.26 -0.21	30.93 -0.19 0.00	31.09 -0.25 0.00	34.71 -0.28 0.00	34.09 -0.27 0.00	31.37 -0.41 0.00	27.56 -0.39 0.00	23.12 -0.32 -0.69	22.60 -0.33 -0.82	22.23 -0.28 -0.78	21.22 -0.29 -0.74	21.06 -0.27 -0.81	21.71 -0.30 -0.91	25.25 -0.35 -0.89	37.99 -0.53 -0.77	45.17 -0.82 2.17	58.10 -0.89 0.56	65.38 -0.99 -0.38	55.75 -0.85 0.00	46.19 -0.61 0.00	36.43 -0.48 0.00
YORK___WARBASSE 23770	40.29 2.55 -7.75	36.48 2.56 -3.86	35.64 2.38 -3.83	33.49 2.40 -2.24	33.52 2.40 -0.01	33.89 2.54 -0.01	37.58 2.59 0.00	37.05 2.68 0.00	34.29 2.51 0.00	30.44 2.49 0.00	32.35 2.14 -7.47	33.08 2.12 -8.84	32.34 2.15 -8.47	30.81 2.06 -7.98	31.24 1.99 -8.73	32.89 1.96 -9.83	36.55 2.17 -9.66	49.41 3.40 -8.26	54.65 4.53 -1.96	65.66 5.54 -0.56	71.68 5.54 -0.15	61.42 4.81 -0.01	49.99 3.18 -0.01	39.20 2.29 -0.01