

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

05/20/2026

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	39.98	39.21	35.66	34.60	34.62	37.93	41.07	45.56	45.58	46.87	71.89	60.48	59.24	70.13	94.86	82.01	143.66	112.28	75.30	62.16	52.77	42.95	39.91	45.01
24138	3.61	3.41	3.03	2.88	2.90	3.20	3.77	4.44	4.71	5.16	4.74	4.71	5.06	5.18	6.33	6.83	10.16	6.92	3.14	3.57	3.99	4.02	3.71	3.50
	-0.21	0.00	-0.57	0.00	0.00	-0.21	0.00	0.00	0.00	0.00	-30.99	-21.60	-17.20	-25.51	-41.80	-23.72	-58.00	-50.95	-42.42	-23.52	-10.17	-1.38	-0.05	0.00
74TH STREET_GT_1	39.94	39.19	35.66	34.61	34.62	37.93	41.03	45.45	45.44	46.68	69.14	59.48	58.04	69.46	94.66	68.47	108.09	96.31	75.53	62.07	52.70	42.86	39.79	44.92
24260	3.57	3.39	3.03	2.88	2.90	3.19	3.73	4.33	4.58	4.98	4.59	4.59	4.96	5.07	6.20	6.70	9.94	6.77	3.07	3.51	3.93	3.93	3.59	3.41
	-0.21	0.00	-0.57	0.00	0.00	-0.21	0.00	0.00	0.00	0.00	-28.39	-20.73	-16.11	-24.96	-41.74	-10.31	-22.64	-35.13	-42.72	-23.51	-10.17	-1.38	-0.05	0.00
74TH STREET_GT_2	39.94	39.19	35.66	34.61	34.62	37.93	41.03	45.45	45.44	46.68	69.14	59.48	58.04	69.46	94.66	68.47	108.09	96.31	75.53	62.07	52.70	42.86	39.79	44.92
24261	3.57	3.39	3.03	2.88	2.90	3.19	3.73	4.33	4.58	4.98	4.59	4.59	4.96	5.07	6.20	6.70	9.94	6.77	3.07	3.51	3.93	3.93	3.59	3.41
	-0.21	0.00	-0.57	0.00	0.00	-0.21	0.00	0.00	0.00	0.00	-28.39	-20.73	-16.11	-24.96	-41.74	-10.31	-22.64	-35.13	-42.72	-23.51	-10.17	-1.38	-0.05	0.00
ADK HUDSON___FALLS	38.90	38.54	34.49	34.10	34.11	37.32	40.51	44.67	44.23	45.46	39.12	36.89	39.86	42.16	49.95	55.12	81.08	61.08	32.65	37.82	41.72	40.64	38.95	44.49
24011	2.73	2.73	2.44	2.37	2.39	2.80	3.22	3.54	3.36	3.75	2.97	2.73	2.89	2.73	3.22	3.66	5.58	4.21	2.41	2.77	3.11	3.10	2.82	2.98
	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	-2.47	-0.50	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	39.14	38.75	34.66	34.26	34.27	37.61	40.91	45.14	44.61	45.94	39.39	37.11	40.12	42.33	50.22	55.43	81.63	61.55	33.00	38.19	42.13	41.07	39.31	44.84
23798	2.97	2.95	2.61	2.53	2.55	3.09	3.62	4.01	3.75	4.24	3.24	2.94	3.14	2.90	3.49	3.98	6.12	4.68	2.76	3.13	3.53	3.52	3.17	3.33
	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	-2.46	-0.50	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	38.90	38.54	34.49	34.10	34.11	37.32	40.51	44.67	44.23	45.46	39.12	36.89	39.86	42.16	49.95	55.12	81.08	61.08	32.65	37.82	41.72	40.64	38.95	44.49
24028	2.73	2.73	2.44	2.37	2.39	2.80	3.22	3.54	3.36	3.75	2.97	2.73	2.89	2.73	3.22	3.66	5.58	4.21	2.41	2.77	3.11	3.10	2.82	2.98
	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	-2.47	-0.50	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	37.95	37.74	33.80	33.44	33.42	36.37	39.38	43.30	43.00	43.98	38.09	35.94	38.85	41.26	49.07	53.95	79.09	59.72	31.60	36.66	40.47	39.43	38.00	43.34
23527	1.79	1.93	1.75	1.71	1.69	1.84	2.09	2.18	2.14	2.28	1.93	1.77	1.88	1.82	2.34	2.49	3.58	2.39	1.27	1.60	1.87	1.89	1.86	1.83
	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	-2.92	-0.60	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	37.01	36.77	32.98	32.63	32.60	35.46	38.32	42.11	41.61	42.55	36.98	35.00	37.85	40.20	47.71	52.46	77.10	58.25	30.83	35.69	39.37	38.31	36.89	42.28
24190	0.85	0.96	0.93	0.90	0.87	0.94	1.03	0.98	0.75	0.85	0.83	0.84	0.87	0.76	0.98	1.01	1.59	1.05	0.51	0.64	0.76	0.76	0.75	0.77
	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	-2.80	-0.57	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	32.71	29.60	26.12	25.84	25.88	28.92	30.68	33.97	34.97	34.55	30.02	27.67	30.21	32.68	39.14	43.82	65.27	46.38	24.21	30.53	36.74	35.44	35.87	41.20
355683	-0.75	-0.65	-0.69	-0.68	-0.63	-0.69	-0.73	-0.88	-0.72	-0.83	-0.89	-0.95	-1.00	-0.79	-0.99	-0.97	-1.67	-0.81	-0.32	-0.29	-0.17	-0.19	-0.27	-0.31
	2.71	5.56	5.24	5.21	5.21	4.92	5.88	6.28	5.18	6.32	5.25	5.54	5.77	5.97	6.60	6.67	8.56	7.21	5.21	4.24	1.70	1.91	0.00	0.00
ALBANY_1_SOLAR	37.63	37.35	33.50	33.19	33.17	36.10	38.93	42.77	42.15	42.98	37.32	35.34	38.09	40.47	48.06	53.04	78.33	59.02	31.30	36.28	40.00	38.89	37.45	42.97
323833	1.46	1.54	1.45	1.46	1.45	1.57	1.63	1.64	1.29	1.28	1.17	1.18	1.11	1.03	1.33	1.58	2.82	1.84	0.99	1.23	1.40	1.35	1.32	1.46
	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	-2.78	-0.57	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	37.62	37.33	33.50	33.18	33.16	36.08	38.92	42.75	42.15	42.98	37.31	35.34	38.08	40.46	48.05	53.04	78.32	59.02	31.30	36.28	39.98	38.88	37.44	42.96
323834	1.45	1.53	1.45	1.45	1.44	1.55	1.62	1.63	1.29	1.28	1.16	1.17	1.11	1.02	1.33	1.58	2.81	1.83	0.99	1.23	1.38	1.33	1.30	1.45
	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	-2.78	-0.57	0.00	0.00	0.00	0.00	0.00
ALBANY___1	37.01	36.77	32.98	32.63	32.60	35.46	38.32	42.11	41.61	42.55	36.98	35.00	37.85	40.20	47.71	52.46	77.10	58.25	30.83	35.69	39.37	38.31	36.89	42.28
23571	0.85	0.96	0.93	0.90	0.87	0.94	1.03	0.98	0.75	0.85	0.83	0.84	0.87	0.76	0.98	1.01	1.59	1.05	0.51	0.64	0.76	0.76	0.75	0.77
	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	-2.80	-0.57	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	37.01 0.85 0.00	36.77 0.96 0.00	32.98 0.93 0.00	32.63 0.90 0.00	32.60 0.87 0.00	35.46 0.94 0.00	38.32 1.03 0.00	42.11 0.98 0.00	41.61 0.75 0.00	42.55 0.85 0.00	36.98 0.83 0.00	35.00 0.84 0.00	37.85 0.87 0.00	40.20 0.76 0.00	47.71 0.98 0.00	52.46 1.01 0.00	77.10 1.59 0.00	58.25 1.05 -2.80	30.83 0.51 -0.57	35.69 0.64 0.00	39.37 0.76 0.00	38.31 0.76 0.00	36.89 0.75 0.00	42.28 0.77 0.00
ALBANY___3 23573	37.01 0.85 0.00	36.77 0.96 0.00	32.98 0.93 0.00	32.63 0.90 0.00	32.60 0.87 0.00	35.46 0.94 0.00	38.32 1.03 0.00	42.11 0.98 0.00	41.61 0.75 0.00	42.55 0.85 0.00	36.98 0.83 0.00	35.00 0.84 0.00	37.85 0.87 0.00	40.20 0.76 0.00	47.71 0.98 0.00	52.46 1.01 0.00	77.10 1.59 0.00	58.25 1.05 -2.80	30.83 0.51 -0.57	35.69 0.64 0.00	39.37 0.76 0.00	38.31 0.76 0.00	36.89 0.75 0.00	42.28 0.77 0.00
ALBANY___4 23574	37.01 0.85 0.00	36.77 0.96 0.00	32.98 0.93 0.00	32.63 0.90 0.00	32.60 0.87 0.00	35.46 0.94 0.00	38.32 1.03 0.00	42.11 0.98 0.00	41.61 0.75 0.00	42.55 0.85 0.00	36.98 0.83 0.00	35.00 0.84 0.00	37.85 0.87 0.00	40.20 0.76 0.00	47.71 0.98 0.00	52.46 1.01 0.00	77.10 1.59 0.00	58.25 1.05 -2.80	30.83 0.51 -0.57	35.69 0.64 0.00	39.37 0.76 0.00	38.31 0.76 0.00	36.89 0.75 0.00	42.28 0.77 0.00
ALBANY___LFGE 323615	37.41 1.25 0.00	37.16 1.35 0.00	33.31 1.26 0.00	32.95 1.23 0.00	32.93 1.21 0.00	35.84 1.31 0.00	38.73 1.44 0.00	42.57 1.45 0.00	42.16 1.30 0.00	43.13 1.43 0.00	37.47 1.31 0.00	35.45 1.29 0.00	38.33 1.36 0.00	40.72 1.28 0.00	48.31 1.59 0.00	53.12 1.67 0.00	78.07 2.56 0.00	58.85 1.72 -2.73	31.16 0.86 -0.56	36.07 1.02 0.00	39.77 1.16 0.00	38.69 1.15 0.00	37.24 1.10 0.00	42.65 1.14 0.00
ALCOA_PA_115KV_PL-6C 55860	31.73 -0.79 3.65	27.73 -0.62 7.46	24.35 -0.67 7.03	24.07 -0.67 6.99	24.11 -0.62 7.00	27.21 -0.69 6.63	28.31 -0.77 8.22	31.42 -0.92 8.78	32.85 -0.77 7.24	31.96 -0.90 8.84	27.82 -1.00 7.34	25.36 -1.06 7.75	27.78 -1.13 8.06	30.19 -0.90 8.34	36.38 -1.12 9.22	41.03 -1.11 9.32	61.71 -1.82 11.98	43.36 -0.97 10.08	22.02 -0.44 7.28	28.82 -0.32 5.92	36.16 -0.17 2.28	34.78 -0.19 2.57	35.88 -0.26 0.00	41.27 -0.24 0.00
ALCOA_RYNLDS___DRP 24188	31.73 -0.79 3.65	27.73 -0.62 7.46	24.35 -0.67 7.03	24.07 -0.67 6.99	24.11 -0.62 7.00	27.21 -0.69 6.63	28.31 -0.77 8.22	31.42 -0.92 8.78	32.85 -0.77 7.24	31.96 -0.90 8.84	27.82 -1.00 7.34	25.36 -1.05 7.75	27.79 -1.12 8.06	30.18 -0.91 8.34	36.38 -1.13 9.22	41.01 -1.12 9.32	61.69 -1.84 11.98	43.35 -0.98 10.08	22.03 -0.43 7.28	28.82 -0.32 5.92	36.15 -0.17 2.28	34.78 -0.19 2.57	35.87 -0.26 0.00	41.26 -0.25 0.00
ALCOA___DSASP 323711	31.73 -0.79 3.65	27.73 -0.62 7.46	24.35 -0.67 7.03	24.07 -0.67 6.99	24.11 -0.62 7.00	27.21 -0.69 6.63	28.31 -0.77 8.22	31.42 -0.92 8.78	32.85 -0.77 7.24	31.96 -0.90 8.84	27.82 -1.00 7.34	25.36 -1.05 7.75	27.79 -1.12 8.06	30.18 -0.91 8.34	36.38 -1.13 9.22	41.01 -1.12 9.32	61.69 -1.84 11.98	43.35 -0.98 10.08	22.03 -0.43 7.28	28.82 -0.32 5.92	36.15 -0.17 2.28	34.78 -0.19 2.57	35.87 -0.26 0.00	41.26 -0.25 0.00
ALLEGHENY___COGEN 23514	85.77 0.62 -48.98	86.53 0.21 -50.52	75.15 0.06 -43.04	79.64 0.05 -47.85	79.72 0.09 -47.90	81.19 -1.09 -47.75	85.22 -2.66 -50.59	90.21 -2.69 -51.77	44.38 -2.37 -5.88	40.62 -2.89 -1.81	36.54 -2.82 -3.20	31.38 -2.78 0.00	33.65 -3.32 0.00	36.15 -3.85 -0.57	63.74 -5.54 -22.55	55.55 -5.76 -9.86	52.98 -8.06 14.47	45.52 -5.50 3.39	28.81 -2.91 -1.98	36.17 -2.93 -4.04	41.64 -1.63 -4.66	34.80 0.09 2.83	35.95 0.07 0.26	36.70 0.01 4.82
ALTAMONT_115KV_TB 2 55880	37.32 1.16 0.00	37.00 1.19 0.00	33.18 1.13 0.00	32.86 1.13 0.00	32.84 1.12 0.00	35.72 1.19 0.00	38.59 1.30 0.00	42.55 1.43 0.00	42.20 1.34 0.00	43.13 1.43 0.00	37.44 1.28 0.00	35.45 1.29 0.00	38.33 1.35 0.00	40.75 1.32 0.00	48.37 1.65 0.00	53.22 1.76 0.00	78.13 2.63 0.00	58.81 1.70 -2.71	31.18 0.88 -0.55	36.09 1.04 0.00	39.77 1.17 0.00	38.71 1.16 0.00	37.26 1.13 0.00	42.65 1.14 0.00
ALTONA_WT_PWR 323606	32.49 -1.58 2.10	30.13 -1.37 4.31	26.61 -1.37 4.06	26.32 -1.37 4.04	26.45 -1.23 4.04	29.50 -1.31 3.72	32.52 -1.36 3.42	35.91 -1.57 3.65	36.45 -1.41 3.01	36.51 -1.52 3.67	31.56 -1.56 3.05	29.34 -1.61 3.22	32.01 -1.62 3.35	34.60 -1.37 3.47	41.23 -1.67 3.83	45.89 -1.70 3.87	67.90 -2.63 4.97	48.61 -1.61 4.19	25.94 -0.78 3.02	32.00 -0.56 2.50	36.99 -0.30 1.32	35.79 -0.27 1.48	35.76 -0.38 0.00	41.09 -0.42 0.00
AMERICAN_REF_FUEL 24010	18.51 -2.31 15.35	18.37 -2.72 14.72	13.99 -2.58 15.48	15.32 -2.46 13.95	15.29 -2.46 13.97	16.83 -2.69 15.00	19.72 -3.03 14.55	23.26 -3.12 14.75	35.36 -3.90 1.59	37.08 -4.19 0.42	31.67 -3.60 0.89	30.80 -3.36 0.00	32.94 -4.03 0.00	34.11 -4.25 1.07	35.25 -5.03 6.45	43.15 -5.47 2.84	51.30 -8.06 16.14	45.64 -6.07 2.69	25.85 -3.32 0.57	29.63 -4.24 1.19	32.85 -4.31 1.44	27.00 -4.29 6.25	32.09 -3.85 0.20	34.34 -3.87 3.30
ARKWRIGHT___SUMMIT_WT_PWR 323751	16.04 -2.06 18.06	15.63 -2.82 17.36	11.33 -2.56 18.16	13.00 -2.28 16.45	13.00 -2.25 16.47	14.83 -2.05 17.65	18.37 -1.57 17.36	22.50 -0.93 17.70	37.90 -0.99 1.98	40.11 -1.07 0.53	34.22 -0.83 1.10	33.52 -0.64 0.00	35.99 -0.99 0.00	36.76 -1.41 1.26	37.00 -1.74 8.00	46.14 -1.82 3.50	53.69 -3.41 18.40	49.04 -2.28 3.08	27.83 -1.21 0.70	31.78 -1.84 1.44	35.01 -1.82 1.78	28.21 -2.06 7.27	34.03 -1.87 0.23	35.74 -2.03 3.74
ARTHUR KILL_GT_1 23520	39.70 3.33 -0.21	38.92 3.11 0.00	35.46 2.84 -0.57	34.42 2.69 0.00	34.42 2.70 0.00	37.73 3.00 -0.21	40.81 3.52 0.00	45.14 4.02 0.00	45.16 4.30 0.00	46.44 4.74 0.00	69.30 4.54 -28.61	59.61 4.43 -21.02	58.33 4.82 -16.53	69.17 4.67 -25.06	94.09 5.63 -41.74	74.39 6.51 -16.42	113.95 9.74 -28.71	102.33 6.71 -41.22	75.30 2.84 -42.72	62.06 3.43 -23.58	52.95 4.01 -10.33	42.90 3.97 -1.38	39.79 3.60 -0.05	44.81 3.30 0.00
ARTHUR_KILL_2 23512	39.54 3.17 -0.21	38.76 2.95 0.00	35.34 2.72 -0.57	34.30 2.57 0.00	34.30 2.57 0.00	37.59 2.86 -0.21	40.67 3.38 0.00	44.98 3.85 0.00	45.01 4.14 0.00	46.29 4.59 0.00	69.19 4.43 -28.61	59.51 4.33 -21.02	58.27 4.77 -16.53	69.04 4.54 -25.06	93.88 5.42 -41.74	74.23 6.35 -16.42	113.66 9.45 -28.71	102.10 6.47 -41.22	75.14 2.68 -42.72	61.91 3.27 -23.58	52.79 3.85 -10.33	42.77 3.84 -1.38	39.66 3.46 -0.05	44.67 3.16 0.00
ARTHUR_KILL_3 23513	39.52 3.15 -0.21	38.76 2.95 0.00	35.26 2.64 -0.57	34.22 2.49 0.00	34.22 2.49 0.00	37.49 2.75 -0.21	40.55 3.26 0.00	44.92 3.80 0.00	44.90 4.04 0.00	46.12 4.42 0.00	69.60 4.02 -29.42	59.31 4.08 -21.07	57.91 4.39 -16.54	69.10 4.48 -25.18	94.00 5.51 -41.77	82.40 5.85 -25.09	145.78 8.65 -61.62	112.86 5.90 -52.55	74.84 2.65 -42.44	61.63 3.06 -23.51	52.27 3.49 -10.17	42.46 3.53 -1.38	39.38 3.18 -0.05	44.49 2.98 0.00

ARTHUR_KILL_COGEN 323718	39.69 3.32 -0.21	38.90 3.10 0.00	35.46 2.84 -0.57	34.42 2.69 0.00	34.41 2.68 0.00	37.72 2.99 -0.21	40.81 3.51 0.00	45.14 4.02 0.00	45.16 4.30 0.00	46.45 4.75 0.00	69.32 4.56 -28.61	59.62 4.45 -21.02	58.42 4.91 -16.53	69.18 4.68 -25.06	94.08 5.62 -41.74	74.46 6.58 -16.42	114.01 9.80 -28.71	102.37 6.74 -41.22	75.30 2.83 -42.72	62.07 3.43 -23.58	52.96 4.02 -10.33	42.92 3.99 -1.38	39.79 3.60 -0.05	44.81 3.30 0.00
ASHOKAN____ 23654	38.70 2.36 -0.18	38.04 2.24 0.00	34.53 2.00 -0.48	33.65 1.92 0.00	33.65 1.93 0.00	36.82 2.12 -0.18	39.77 2.48 0.00	43.89 2.77 0.00	43.66 2.79 0.00	44.61 2.91 0.00	38.80 2.64 0.00	36.94 2.78 0.00	40.04 3.07 0.00	42.68 3.10 -0.15	50.84 4.11 0.00	55.63 4.17 0.00	85.76 6.89 -3.36	62.38 4.51 -3.47	32.51 2.19 -0.58	37.58 2.52 0.00	41.44 2.82 -0.02	41.32 2.60 -1.17	38.47 2.29 -0.05	43.68 2.17 0.00
ASTORIA_EAST_ENERGY_CC1 323581	39.50 3.13 -0.21	38.68 2.87 0.00	35.26 2.64 -0.57	34.21 2.48 0.00	34.21 2.48 0.00	37.50 2.77 -0.21	40.50 3.21 0.00	44.85 3.73 0.00	44.84 3.98 0.00	46.04 4.34 0.00	68.60 4.05 -28.39	58.94 4.05 -20.72	57.56 4.48 -16.11	68.82 4.43 -24.96	93.80 5.33 -41.74	68.59 6.21 -10.93	108.76 9.23 -24.02	97.32 6.32 -36.60	75.09 2.64 -42.71	61.57 3.01 -23.50	52.30 3.53 -10.16	42.55 3.62 -1.38	39.51 3.32 -0.05	44.43 2.92 0.00
ASTORIA_EAST_ENERGY_CC2 323582	39.50 3.13 -0.21	38.68 2.87 0.00	35.26 2.64 -0.57	34.21 2.48 0.00	34.21 2.48 0.00	37.50 2.77 -0.21	40.50 3.21 0.00	44.85 3.73 0.00	44.84 3.98 0.00	46.04 4.34 0.00	68.60 4.05 -28.39	58.94 4.05 -20.72	57.56 4.48 -16.11	68.82 4.43 -24.96	93.80 5.33 -41.74	68.59 6.21 -10.93	108.76 9.23 -24.02	97.32 6.32 -36.60	75.09 2.64 -42.71	61.57 3.01 -23.50	52.30 3.53 -10.16	42.55 3.62 -1.38	39.51 3.32 -0.05	44.43 2.92 0.00
ASTORIA_GT2_1 24094	39.51 3.14 -0.21	38.73 2.92 0.00	35.28 2.66 -0.57	34.22 2.49 0.00	34.23 2.50 0.00	37.52 2.79 -0.21	40.53 3.23 0.00	44.88 3.75 0.00	44.86 4.00 0.00	46.07 4.36 0.00	68.61 4.07 -28.39	58.97 4.08 -20.72	57.56 4.48 -16.11	68.85 4.45 -24.96	93.83 5.37 -41.74	68.54 6.16 -10.92	108.65 9.13 -24.01	97.26 6.26 -36.59	75.11 2.66 -42.71	61.59 3.04 -23.50	52.30 3.54 -10.16	42.55 3.62 -1.38	39.50 3.31 -0.05	44.45 2.94 0.00
ASTORIA_GT2_2 24095	39.51 3.14 -0.21	38.73 2.92 0.00	35.28 2.66 -0.57	34.22 2.49 0.00	34.23 2.50 0.00	37.52 2.79 -0.21	40.53 3.23 0.00	44.88 3.75 0.00	44.86 4.00 0.00	46.07 4.36 0.00	68.61 4.07 -28.39	58.97 4.08 -20.72	57.56 4.48 -16.11	68.85 4.45 -24.96	93.83 5.37 -41.74	68.54 6.16 -10.92	108.65 9.13 -24.01	97.26 6.26 -36.59	75.11 2.66 -42.71	61.59 3.04 -23.50	52.30 3.54 -10.16	42.55 3.62 -1.38	39.50 3.31 -0.05	44.45 2.94 0.00
ASTORIA_GT2_3 24096	39.51 3.14 -0.21	38.73 2.92 0.00	35.28 2.66 -0.57	34.22 2.49 0.00	34.23 2.50 0.00	37.52 2.79 -0.21	40.53 3.23 0.00	44.88 3.75 0.00	44.86 4.00 0.00	46.07 4.36 0.00	68.61 4.07 -28.39	58.97 4.08 -20.72	57.56 4.48 -16.11	68.85 4.45 -24.96	93.83 5.37 -41.74	68.54 6.16 -10.92	108.65 9.13 -24.01	97.26 6.26 -36.59	75.11 2.66 -42.71	61.59 3.04 -23.50	52.30 3.54 -10.16	42.55 3.62 -1.38	39.50 3.31 -0.05	44.45 2.94 0.00
ASTORIA_GT2_4 24097	39.51 3.14 -0.21	38.73 2.92 0.00	35.28 2.66 -0.57	34.22 2.49 0.00	34.23 2.50 0.00	37.52 2.79 -0.21	40.53 3.23 0.00	44.88 3.75 0.00	44.86 4.00 0.00	46.07 4.36 0.00	68.61 4.07 -28.39	58.97 4.08 -20.72	57.56 4.48 -16.11	68.85 4.45 -24.96	93.83 5.37 -41.74	68.54 6.16 -10.92	108.65 9.13 -24.01	97.26 6.26 -36.59	75.11 2.66 -42.71	61.59 3.04 -23.50	52.30 3.54 -10.16	42.55 3.62 -1.38	39.50 3.31 -0.05	44.45 2.94 0.00
ASTORIA_GT3_1 24098	39.51 3.14 -0.21	38.73 2.92 0.00	35.28 2.66 -0.57	34.22 2.49 0.00	34.23 2.50 0.00	37.52 2.79 -0.21	40.53 3.23 0.00	44.88 3.75 0.00	44.86 4.00 0.00	46.07 4.36 0.00	68.61 4.07 -28.39	58.97 4.08 -20.72	57.56 4.48 -16.11	68.85 4.45 -24.96	93.83 5.37 -41.74	68.54 6.16 -10.92	108.65 9.13 -24.01	97.26 6.26 -36.59	75.11 2.66 -42.71	61.59 3.04 -23.50	52.30 3.54 -10.16	42.55 3.62 -1.38	39.50 3.31 -0.05	44.45 2.94 0.00
ASTORIA_GT3_2 24099	39.51 3.14 -0.21	38.73 2.92 0.00	35.28 2.66 -0.57	34.22 2.49 0.00	34.23 2.50 0.00	37.52 2.79 -0.21	40.53 3.23 0.00	44.88 3.75 0.00	44.86 4.00 0.00	46.07 4.36 0.00	68.61 4.07 -28.39	58.97 4.08 -20.72	57.56 4.48 -16.11	68.85 4.45 -24.96	93.83 5.37 -41.74	68.54 6.16 -10.92	108.65 9.13 -24.01	97.26 6.26 -36.59	75.11 2.66 -42.71	61.59 3.04 -23.50	52.30 3.54 -10.16	42.55 3.62 -1.38	39.50 3.31 -0.05	44.45 2.94 0.00
ASTORIA_GT3_3 24100	39.51 3.14 -0.21	38.73 2.92 0.00	35.28 2.66 -0.57	34.22 2.49 0.00	34.23 2.50 0.00	37.52 2.79 -0.21	40.53 3.23 0.00	44.88 3.75 0.00	44.86 4.00 0.00	46.07 4.36 0.00	68.61 4.07 -28.39	58.97 4.08 -20.72	57.56 4.48 -16.11	68.85 4.45 -24.96	93.83 5.37 -41.74	68.54 6.16 -10.92	108.65 9.13 -24.01	97.26 6.26 -36.59	75.11 2.66 -42.71	61.59 3.04 -23.50	52.30 3.54 -10.16	42.55 3.62 -1.38	39.50 3.31 -0.05	44.45 2.94 0.00
ASTORIA_GT3_4 24101	39.51 3.14 -0.21	38.73 2.92 0.00	35.28 2.66 -0.57	34.22 2.49 0.00	34.23 2.50 0.00	37.52 2.79 -0.21	40.53 3.23 0.00	44.88 3.75 0.00	44.86 4.00 0.00	46.07 4.36 0.00	68.61 4.07 -28.39	58.97 4.08 -20.72	57.56 4.48 -16.11	68.85 4.45 -24.96	93.83 5.37 -41.74	68.54 6.16 -10.92	108.65 9.13 -24.01	97.26 6.26 -36.59	75.11 2.66 -42.71	61.59 3.04 -23.50	52.30 3.54 -10.16	42.55 3.62 -1.38	39.50 3.31 -0.05	44.45 2.94 0.00
ASTORIA_GT4_1 24102	39.51 3.14 -0.21	38.73 2.92 0.00	35.28 2.66 -0.57	34.22 2.49 0.00	34.23 2.50 0.00	37.52 2.79 -0.21	40.53 3.23 0.00	44.88 3.75 0.00	44.86 4.00 0.00	46.07 4.36 0.00	68.61 4.07 -28.39	58.97 4.08 -20.72	57.56 4.48 -16.11	68.85 4.45 -24.96	93.83 5.37 -41.74	68.54 6.16 -10.92	108.65 9.13 -24.01	97.26 6.26 -36.59	75.11 2.66 -42.71	61.59 3.04 -23.50	52.30 3.54 -10.16	42.55 3.62 -1.38	39.50 3.31 -0.05	44.45 2.94 0.00
ASTORIA_GT4_2 24103	39.51 3.14 -0.21	38.73 2.92 0.00	35.28 2.66 -0.57	34.22 2.49 0.00	34.23 2.50 0.00	37.52 2.79 -0.21	40.53 3.23 0.00	44.88 3.75 0.00	44.86 4.00 0.00	46.07 4.36 0.00	68.61 4.07 -28.39	58.97 4.08 -20.72	57.56 4.48 -16.11	68.85 4.45 -24.96	93.83 5.37 -41.74	68.54 6.16 -10.92	108.65 9.13 -24.01	97.26 6.26 -36.59	75.11 2.66 -42.71	61.59 3.04 -23.50	52.30 3.54 -10.16	42.55 3.62 -1.38	39.50 3.31 -0.05	44.45 2.94 0.00
ASTORIA_GT4_3 24104	39.51 3.14 -0.21	38.73 2.92 0.00	35.28 2.66 -0.57	34.22 2.49 0.00	34.23 2.50 0.00	37.52 2.79 -0.21	40.53 3.23 0.00	44.88 3.75 0.00	44.86 4.00 0.00	46.07 4.36 0.00	68.61 4.07 -28.39	58.97 4.08 -20.72	57.56 4.48 -16.11	68.85 4.45 -24.96	93.83 5.37 -41.74	68.54 6.16 -10.92	108.65 9.13 -24.01	97.26 6.26 -36.59	75.11 2.66 -42.71	61.59 3.04 -23.50	52.30 3.54 -10.16	42.55 3.62 -1.38	39.50 3.31 -0.05	44.45 2.94 0.00

ASTORIA_GT4_4 24105	39.51 3.14 -0.21	38.73 2.92 0.00	35.28 2.66 -0.57	34.22 2.49 0.00	34.23 2.50 0.00	37.52 2.79 -0.21	40.53 3.23 0.00	44.88 3.75 0.00	44.86 4.00 0.00	46.07 4.36 0.00	68.61 4.07 -28.39	58.97 4.08 -20.72	57.56 4.48 -16.11	68.85 4.45 -24.96	93.83 5.37 -41.74	68.54 6.16 -10.92	108.65 9.13 -24.01	97.26 6.26 -36.59	75.11 2.66 -42.71	61.59 3.04 -23.50	52.30 3.54 -10.16	42.55 3.62 -1.38	39.50 3.31 -0.05	44.45 2.94 0.00
ASTORIA_GT_1 23523	39.61 3.24 -0.21	38.83 3.03 0.00	35.35 2.73 -0.57	34.30 2.57 0.00	34.31 2.58 0.00	37.61 2.88 -0.21	40.62 3.33 0.00	44.99 3.87 0.00	44.98 4.12 0.00	46.19 4.49 0.00	68.73 4.19 -28.39	59.07 4.18 -20.72	57.67 4.59 -16.11	68.99 4.59 -24.96	93.98 5.52 -41.74	68.70 6.32 -10.92	108.89 9.37 -24.01	97.43 6.43 -36.59	75.20 2.75 -42.71	61.69 3.14 -23.50	52.42 3.65 -10.16	42.66 3.73 -1.38	39.61 3.42 -0.05	44.57 3.05 0.00
ASTORIA_GT_10 24110	39.61 3.24 -0.21	38.85 3.05 0.00	35.35 2.73 -0.57	34.32 2.59 0.00	34.33 2.60 0.00	37.59 2.86 -0.21	40.65 3.35 0.00	45.04 3.92 0.00	45.03 4.16 0.00	46.26 4.56 0.00	68.74 4.20 -28.39	59.04 4.15 -20.72	57.57 4.49 -16.11	68.87 4.47 -24.96	93.93 5.46 -41.74	68.39 6.11 -10.83	108.61 9.09 -24.01	96.33 6.18 -35.74	75.15 2.69 -42.72	61.66 3.10 -23.51	52.33 3.56 -10.17	42.61 3.68 -1.38	39.54 3.35 -0.05	44.57 3.05 0.00
ASTORIA_GT_11 24225	39.61 3.24 -0.21	38.85 3.05 0.00	35.35 2.73 -0.57	34.32 2.59 0.00	34.33 2.60 0.00	37.59 2.86 -0.21	40.65 3.35 0.00	45.04 3.92 0.00	45.03 4.16 0.00	46.26 4.56 0.00	68.74 4.20 -28.39	59.04 4.15 -20.72	57.57 4.49 -16.11	68.87 4.47 -24.96	93.93 5.46 -41.74	68.39 6.11 -10.83	108.61 9.09 -24.01	96.33 6.18 -35.74	75.15 2.69 -42.72	61.66 3.10 -23.51	52.33 3.56 -10.17	42.61 3.68 -1.38	39.54 3.35 -0.05	44.57 3.05 0.00
ASTORIA_GT_12 24226	39.61 3.24 -0.21	38.85 3.05 0.00	35.35 2.73 -0.57	34.32 2.59 0.00	34.33 2.60 0.00	37.59 2.86 -0.21	40.65 3.35 0.00	45.04 3.92 0.00	45.03 4.16 0.00	46.26 4.56 0.00	68.74 4.20 -28.39	59.04 4.15 -20.72	57.57 4.49 -16.11	68.87 4.47 -24.96	93.93 5.46 -41.74	68.39 6.11 -10.83	108.61 9.09 -24.01	96.33 6.18 -35.74	75.15 2.69 -42.72	61.66 3.10 -23.51	52.33 3.56 -10.17	42.61 3.68 -1.38	39.54 3.35 -0.05	44.57 3.05 0.00
ASTORIA_GT_13 24227	39.61 3.24 -0.21	38.85 3.05 0.00	35.35 2.73 -0.57	34.32 2.59 0.00	34.33 2.60 0.00	37.59 2.86 -0.21	40.65 3.35 0.00	45.04 3.92 0.00	45.03 4.16 0.00	46.26 4.56 0.00	68.74 4.20 -28.39	59.04 4.15 -20.72	57.57 4.49 -16.11	68.87 4.47 -24.96	93.93 5.46 -41.74	68.39 6.11 -10.83	108.61 9.09 -24.01	96.33 6.18 -35.74	75.15 2.69 -42.72	61.66 3.10 -23.51	52.33 3.56 -10.17	42.61 3.68 -1.38	39.54 3.35 -0.05	44.57 3.05 0.00
ASTORIA_GT_5 24106	39.61 3.24 -0.21	38.83 3.03 0.00	35.35 2.73 -0.57	34.30 2.57 0.00	34.31 2.58 0.00	37.61 2.88 -0.21	40.62 3.33 0.00	44.99 3.87 0.00	44.98 4.12 0.00	46.19 4.49 0.00	68.73 4.19 -28.39	59.07 4.18 -20.72	57.67 4.59 -16.11	68.99 4.59 -24.96	93.98 5.52 -41.74	68.70 6.32 -10.92	108.89 9.37 -24.01	97.43 6.43 -36.59	75.20 2.75 -42.71	61.69 3.14 -23.50	52.42 3.65 -10.16	42.66 3.73 -1.38	39.61 3.42 -0.05	44.57 3.05 0.00
ASTORIA_GT_7 24107	39.61 3.24 -0.21	38.83 3.03 0.00	35.35 2.73 -0.57	34.30 2.57 0.00	34.31 2.58 0.00	37.61 2.88 -0.21	40.62 3.33 0.00	44.99 3.87 0.00	44.98 4.12 0.00	46.19 4.49 0.00	68.73 4.19 -28.39	59.07 4.18 -20.72	57.67 4.59 -16.11	68.99 4.59 -24.96	93.98 5.52 -41.74	68.70 6.32 -10.92	108.89 9.37 -24.01	97.43 6.43 -36.59	75.20 2.75 -42.71	61.69 3.14 -23.50	52.42 3.65 -10.16	42.66 3.73 -1.38	39.61 3.42 -0.05	44.57 3.05 0.00
ASTORIA_GT_8 24108	39.61 3.24 -0.21	38.83 3.03 0.00	35.35 2.73 -0.57	34.30 2.57 0.00	34.31 2.58 0.00	37.61 2.88 -0.21	40.62 3.33 0.00	44.99 3.87 0.00	44.98 4.12 0.00	46.19 4.49 0.00	68.73 4.19 -28.39	59.07 4.18 -20.72	57.67 4.59 -16.11	68.99 4.59 -24.96	93.98 5.52 -41.74	68.70 6.32 -10.92	108.89 9.37 -24.01	97.43 6.43 -36.59	75.20 2.75 -42.71	61.69 3.14 -23.50	52.42 3.65 -10.16	42.66 3.73 -1.38	39.61 3.42 -0.05	44.57 3.05 0.00
ASTORIA___2 24149	39.51 3.14 -0.21	38.69 2.88 0.00	35.28 2.65 -0.57	34.22 2.49 0.00	34.22 2.50 0.00	37.52 2.79 -0.21	40.51 3.22 0.00	44.87 3.74 0.00	44.86 4.00 0.00	46.07 4.36 0.00	68.62 4.07 -28.39	58.96 4.08 -20.72	57.58 4.50 -16.11	68.85 4.45 -24.96	93.83 5.36 -41.74	69.56 6.25 -11.86	111.23 9.26 -26.47	98.43 6.34 -37.69	75.10 2.65 -42.71	61.58 3.03 -23.50	52.32 3.55 -10.16	42.57 3.64 -1.38	39.52 3.33 -0.05	44.45 2.93 0.00
ASTORIA___3 23516	39.61 3.24 -0.21	38.84 3.03 0.00	35.35 2.73 -0.57	34.31 2.58 0.00	34.32 2.60 0.00	37.59 2.85 -0.21	40.65 3.35 0.00	45.02 3.90 0.00	45.03 4.16 0.00	46.26 4.56 0.00	68.75 4.20 -28.39	59.04 4.15 -20.72	57.59 4.51 -16.11	68.87 4.47 -24.96	93.92 5.46 -41.74	68.41 6.13 -10.83	108.63 9.12 -24.01	96.38 6.23 -35.74	75.15 2.69 -42.72	61.66 3.10 -23.51	52.34 3.57 -10.17	42.62 3.69 -1.38	39.55 3.36 -0.05	44.56 3.05 0.00
ASTORIA___4 23517	39.61 3.24 -0.21	38.85 3.05 0.00	35.35 2.73 -0.57	34.32 2.59 0.00	34.32 2.60 0.00	37.59 2.86 -0.21	40.65 3.35 0.00	45.04 3.92 0.00	45.03 4.16 0.00	46.26 4.56 0.00	68.74 4.20 -28.39	59.04 4.15 -20.72	57.57 4.49 -16.11	68.87 4.47 -24.96	93.92 5.46 -41.74	68.39 6.10 -10.83	108.61 9.09 -24.01	96.33 6.18 -35.74	75.15 2.69 -42.72	61.66 3.10 -23.51	52.33 3.56 -10.17	42.61 3.68 -1.38	39.54 3.35 -0.05	44.57 3.05 0.00
ASTORIA___5 23518	39.61 3.24 -0.21	38.84 3.03 0.00	35.35 2.73 -0.57	34.31 2.58 0.00	34.32 2.60 0.00	37.59 2.85 -0.21	40.65 3.35 0.00	45.02 3.90 0.00	45.03 4.16 0.00	46.26 4.56 0.00	68.75 4.20 -28.39	59.04 4.15 -20.72	57.59 4.51 -16.11	68.87 4.47 -24.96	93.92 5.46 -41.74	68.41 6.13 -10.83	108.63 9.12 -24.01	96.38 6.23 -35.74	75.15 2.69 -42.72	61.66 3.10 -23.51	52.34 3.57 -10.17	42.62 3.69 -1.38	39.55 3.36 -0.05	44.56 3.05 0.00
AST_ENERGY_2_CC3 323677	39.57 3.20 -0.21	38.83 3.03 0.00	35.35 2.73 -0.57	34.31 2.58 0.00	34.32 2.60 0.00	37.59 2.85 -0.21	40.63 3.34 0.00	44.99 3.86 0.00	44.97 4.10 0.00	46.20 4.49 0.00	69.05 4.14 -28.75	59.17 4.16 -20.85	57.71 4.48 -16.26	69.02 4.55 -25.04	94.05 5.57 -41.75	48.85 5.99 8.60	57.20 8.93 27.23	73.31 6.05 -12.86	75.20 2.78 -42.68	61.76 3.19 -23.51	52.36 3.59 -10.17	42.56 3.63 -1.38	39.50 3.31 -0.05	44.62 3.11 0.00
AST_ENERGY_2_CC4 323678	39.57 3.20 -0.21	38.83 3.03 0.00	35.35 2.73 -0.57	34.31 2.58 0.00	34.32 2.60 0.00	37.59 2.85 -0.21	40.63 3.34 0.00	44.99 3.86 0.00	44.97 4.10 0.00	46.20 4.49 0.00	69.05 4.14 -28.75	59.17 4.16 -20.85	57.71 4.48 -16.26	69.02 4.55 -25.04	94.05 5.57 -41.75	48.85 5.99 8.60	57.20 8.93 27.23	73.31 6.05 -12.86	75.20 2.78 -42.68	61.76 3.19 -23.51	52.36 3.59 -10.17	42.56 3.63 -1.38	39.50 3.31 -0.05	44.62 3.11 0.00

ATHENS_STG_1 23668	37.91 1.56 -0.18	37.32 1.51 0.00	33.97 1.43 -0.50	33.15 1.42 0.00	33.15 1.43 0.00	36.22 1.51 -0.18	39.00 1.70 0.00	43.07 1.94 0.00	42.86 2.00 0.00	43.88 2.18 0.00	38.17 2.01 0.00	36.21 2.05 0.00	39.21 2.23 0.00	41.80 2.21 -0.15	49.50 2.77 0.00	54.43 2.97 0.00	83.40 4.44 -3.46	62.01 2.92 -4.69	31.98 1.41 -0.83	36.66 1.61 0.00	40.42 1.80 -0.02	40.54 1.79 -1.21	37.85 1.67 -0.05	43.15 1.64 0.00
ATHENS_STG_2 23670	37.91 1.56 -0.18	37.32 1.51 0.00	33.97 1.43 -0.50	33.15 1.42 0.00	33.15 1.43 0.00	36.22 1.51 -0.18	39.00 1.70 0.00	43.07 1.94 0.00	42.86 2.00 0.00	43.88 2.18 0.00	38.17 2.01 0.00	36.21 2.05 0.00	39.21 2.23 0.00	41.80 2.21 -0.15	49.50 2.77 0.00	54.43 2.97 0.00	83.40 4.44 -3.46	62.01 2.92 -4.69	31.98 1.41 -0.83	36.66 1.61 0.00	40.42 1.80 -0.02	40.54 1.79 -1.21	37.85 1.67 -0.05	43.15 1.64 0.00
ATHENS_STG_3 23677	37.91 1.56 -0.18	37.32 1.51 0.00	33.97 1.43 -0.50	33.15 1.42 0.00	33.15 1.43 0.00	36.22 1.51 -0.18	39.00 1.70 0.00	43.07 1.94 0.00	42.86 2.00 0.00	43.88 2.18 0.00	38.17 2.01 0.00	36.21 2.05 0.00	39.21 2.23 0.00	41.80 2.21 -0.15	49.50 2.77 0.00	54.43 2.97 0.00	83.40 4.44 -3.46	62.01 2.92 -4.69	31.98 1.41 -0.83	36.66 1.61 0.00	40.42 1.80 -0.02	40.54 1.79 -1.21	37.85 1.67 -0.05	43.15 1.64 0.00
AUBURN___LFGE 323710	38.04 0.36 -1.52	37.95 0.19 -1.96	32.90 0.18 -0.66	33.77 0.20 -1.84	33.75 0.20 -1.83	36.17 0.18 -1.46	39.61 0.32 -1.99	44.96 0.23 -3.61	42.92 0.16 -1.90	43.64 0.07 -1.87	36.87 0.07 -0.65	34.17 0.01 0.00	36.91 -0.07 0.00	38.88 -0.27 0.29	47.18 -0.41 -0.86	51.29 -0.54 -0.37	67.38 -0.68 7.44	52.71 -0.32 1.37	29.68 -0.14 -0.07	35.00 -0.21 -0.16	38.61 -0.14 -0.14	34.96 -0.07 2.51	35.86 -0.18 0.10	40.04 -0.09 1.39
BABYLON_RES_REC 323704	46.24 3.94 -6.13	39.48 3.67 0.00	35.81 3.19 -0.57	34.73 3.00 0.00	34.83 3.11 0.00	38.25 3.51 -0.21	41.39 4.10 0.00	45.81 4.69 0.00	45.76 4.83 -0.06	47.40 5.04 -0.66	89.04 4.67 -48.22	71.48 4.59 -32.73	109.87 4.99 -67.90	129.07 5.14 -84.50	260.64 6.26 -207.65	442.25 6.79 -384.00	464.34 10.33 -378.51	413.31 6.95 -351.95	383.41 3.51 -350.16	132.06 4.07 -92.93	117.73 4.57 -74.56	117.41 4.48 -75.39	375.97 4.01 -335.83	45.19 3.67 0.00
BALL_HILL_WT_PWR 323825	15.04 -1.66 19.46	14.78 -2.25 18.78	10.55 -2.09 19.41	11.97 -1.96 17.80	11.95 -1.95 17.83	13.53 -1.98 19.01	16.57 -1.92 18.80	20.33 -1.62 19.17	36.93 -1.78 2.15	39.22 -1.92 0.57	33.35 -1.61 1.20	32.76 -1.41 0.00	35.15 -1.83 0.00	35.96 -2.19 1.29	35.41 -2.63 8.68	44.86 -2.80 3.80	52.69 -4.64 18.18	48.12 -3.26 3.02	27.24 -1.74 0.76	31.07 -2.43 1.56	34.24 -2.44 1.92	27.68 -2.59 7.28	33.59 -2.32 0.23	35.31 -2.46 3.74
BARON_WINDS___WT_PWR 323822	-43.00 -1.59 77.58	-43.00 -1.82 76.99	-43.00 -1.65 73.41	-43.00 -1.71 73.02	-43.00 -1.57 73.15	-43.00 -1.76 75.77	-41.67 -1.76 77.20	-38.58 -1.62 78.08	31.47 -1.33 8.07	38.62 -1.33 1.75	30.44 -1.08 4.63	33.14 -1.02 0.00	35.68 -1.30 0.00	34.40 -1.74 3.30	9.92 -2.11 34.70	34.10 -2.19 15.17	40.63 -3.19 31.69	45.09 -2.24 7.08	25.04 -1.14 3.56	27.25 -1.61 6.20	29.55 -1.61 7.45	21.41 -1.64 14.50	34.25 -1.54 0.35	32.85 -1.91 6.76
BARRETT_IC_1 23704	45.77 3.47 -6.13	39.05 3.24 0.00	35.43 2.81 -0.57	34.37 2.64 0.00	34.45 2.72 0.00	37.80 3.07 -0.21	40.90 3.60 0.00	45.26 4.14 0.00	45.27 4.34 -0.06	46.97 4.60 -0.67	209.64 4.23 -169.25	200.86 4.28 -162.42	424.93 4.67 -383.28	460.83 4.75 -416.65	484.79 5.75 -432.32	495.74 6.13 -438.15	524.48 9.16 -439.81	471.33 6.20 -410.72	487.75 3.03 -454.98	507.52 3.56 -468.91	351.40 3.97 -308.82	352.42 4.00 -310.88	470.53 3.58 -430.81	44.77 3.25 -0.01
BARRETT_IC_10 23701	45.77 3.47 -6.13	39.05 3.24 0.00	35.43 2.81 -0.57	34.37 2.64 0.00	34.45 2.72 0.00	37.80 3.07 -0.21	40.90 3.60 0.00	45.26 4.14 0.00	45.27 4.34 -0.06	46.97 4.60 -0.67	209.64 4.23 -169.25	200.86 4.28 -162.42	424.93 4.67 -383.28	460.83 4.75 -416.65	484.79 5.75 -432.32	495.74 6.13 -438.15	524.48 9.16 -439.81	471.33 6.20 -410.72	487.75 3.03 -454.98	507.52 3.56 -468.91	351.40 3.97 -308.82	352.42 4.00 -310.88	470.53 3.58 -430.81	44.77 3.25 -0.01
BARRETT_IC_11 23702	45.77 3.47 -6.13	39.05 3.24 0.00	35.43 2.81 -0.57	34.37 2.64 0.00	34.45 2.72 0.00	37.80 3.07 -0.21	40.90 3.60 0.00	45.26 4.14 0.00	45.27 4.34 -0.06	46.97 4.60 -0.67	209.64 4.23 -169.25	200.86 4.28 -162.42	424.93 4.67 -383.28	460.83 4.75 -416.65	484.79 5.75 -432.32	495.74 6.13 -438.15	524.48 9.16 -439.81	471.33 6.20 -410.72	487.75 3.03 -454.98	507.52 3.56 -468.91	351.40 3.97 -308.82	352.42 4.00 -310.88	470.53 3.58 -430.81	44.77 3.25 -0.01
BARRETT_IC_12 23703	45.77 3.47 -6.13	39.05 3.24 0.00	35.43 2.81 -0.57	34.37 2.64 0.00	34.45 2.72 0.00	37.80 3.07 -0.21	40.90 3.60 0.00	45.26 4.14 0.00	45.27 4.34 -0.06	46.97 4.60 -0.67	209.64 4.23 -169.25	200.86 4.28 -162.42	424.93 4.67 -383.28	460.83 4.75 -416.65	484.79 5.75 -432.32	495.74 6.13 -438.15	524.48 9.16 -439.81	471.33 6.20 -410.72	487.75 3.03 -454.98	507.52 3.56 -468.91	351.40 3.97 -308.82	352.42 4.00 -310.88	470.53 3.58 -430.81	44.77 3.25 -0.01
BARRETT_IC_2 23705	45.77 3.47 -6.13	39.05 3.24 0.00	35.43 2.81 -0.57	34.37 2.64 0.00	34.45 2.72 0.00	37.80 3.07 -0.21	40.90 3.60 0.00	45.26 4.14 0.00	45.27 4.34 -0.06	46.97 4.60 -0.67	209.64 4.23 -169.25	200.86 4.28 -162.42	424.93 4.67 -383.28	460.83 4.75 -416.65	484.79 5.75 -432.32	495.74 6.13 -438.15	524.48 9.16 -439.81	471.33 6.20 -410.72	487.75 3.03 -454.98	507.52 3.56 -468.91	351.40 3.97 -308.82	352.42 4.00 -310.88	470.53 3.58 -430.81	44.77 3.25 -0.01
BARRETT_IC_3 23706	45.77 3.47 -6.13	39.05 3.24 0.00	35.43 2.81 -0.57	34.37 2.64 0.00	34.45 2.72 0.00	37.80 3.07 -0.21	40.90 3.60 0.00	45.26 4.14 0.00	45.27 4.34 -0.06	46.97 4.60 -0.67	209.64 4.23 -169.25	200.86 4.28 -162.42	424.93 4.67 -383.28	460.83 4.75 -416.65	484.79 5.75 -432.32	495.74 6.13 -438.15	524.48 9.16 -439.81	471.33 6.20 -410.72	487.75 3.03 -454.98	507.52 3.56 -468.91	351.40 3.97 -308.82	352.42 4.00 -310.88	470.53 3.58 -430.81	44.77 3.25 -0.01
BARRETT_IC_4 23707	45.77 3.47 -6.13	39.05 3.24 0.00	35.43 2.81 -0.57	34.37 2.64 0.00	34.45 2.72 0.00	37.80 3.07 -0.21	40.90 3.60 0.00	45.26 4.14 0.00	45.27 4.34 -0.06	46.97 4.60 -0.67	209.64 4.23 -169.25	200.86 4.28 -162.42	424.93 4.67 -383.28	460.83 4.75 -416.65	484.79 5.75 -432.32	495.74 6.13 -438.15	524.48 9.16 -439.81	471.33 6.20 -410.72	487.75 3.03 -454.98	507.52 3.56 -468.91	351.40 3.97 -308.82	352.42 4.00 -310.88	470.53 3.58 -430.81	44.77 3.25 -0.01
BARRETT_IC_5 23708	45.77 3.47 -6.13	39.05 3.24 0.00	35.43 2.81 -0.57	34.37 2.64 0.00	34.45 2.72 0.00	37.80 3.07 -0.21	40.90 3.60 0.00	45.26 4.14 0.00	45.27 4.34 -0.06	46.97 4.60 -0.67	209.64 4.23 -169.25	200.86 4.28 -162.42	424.93 4.67 -383.28	460.83 4.75 -416.65	484.79 5.75 -432.32	495.74 6.13 -438.15	524.48 9.16 -439.81	471.33 6.20 -410.72	487.75 3.03 -454.98	507.52 3.56 -468.91	351.40 3.97 -308.82	352.42 4.00 -310.88	470.53 3.58 -430.81	44.77 3.25 -0.01

BARRETT_IC_6 23709	45.77 3.47 -6.13	39.05 3.24 0.00	35.43 2.81 -0.57	34.37 2.64 0.00	34.45 2.72 0.00	37.80 3.07 -0.21	40.90 3.60 0.00	45.26 4.14 0.00	45.27 4.34 -0.06	46.97 4.60 -0.67	209.64 4.23 -169.25	200.86 4.28 -162.42	424.93 4.67 -383.28	460.83 4.75 -416.65	484.79 5.75 -432.32	495.74 6.13 -438.15	524.48 9.16 -439.81	471.33 6.20 -410.72	487.75 3.03 -454.98	507.52 3.56 -468.91	351.40 3.97 -308.82	352.42 4.00 -310.88	470.53 3.58 -430.81	44.77 3.25 -0.01
BARRETT_IC_7 23710	45.78 3.48 -6.13	39.06 3.25 0.00	35.43 2.81 -0.57	34.37 2.64 0.00	34.45 2.72 0.00	37.80 3.07 -0.21	40.91 3.61 0.00	45.27 4.14 0.00	45.26 4.34 -0.06	46.98 4.61 -0.67	209.64 4.24 -169.25	200.87 4.29 -162.42	424.93 4.67 -383.28	460.84 4.75 -416.65	484.80 5.76 -432.32	495.74 6.13 -438.15	524.48 9.16 -439.81	471.32 6.20 -410.72	487.76 3.03 -454.98	507.52 3.55 -468.91	351.39 3.96 -308.82	352.41 3.98 -310.88	470.53 3.58 -430.81	44.75 3.23 -0.01
BARRETT_IC_8 23711	45.77 3.47 -6.13	39.05 3.24 0.00	35.43 2.81 -0.57	34.37 2.64 0.00	34.45 2.72 0.00	37.80 3.07 -0.21	40.90 3.60 0.00	45.26 4.14 0.00	45.27 4.34 -0.06	46.97 4.60 -0.67	209.64 4.23 -169.25	200.86 4.28 -162.42	424.93 4.67 -383.28	460.83 4.75 -416.65	484.79 5.75 -432.32	495.74 6.13 -438.15	524.48 9.16 -439.81	471.33 6.20 -410.72	487.75 3.03 -454.98	507.52 3.56 -468.91	351.40 3.97 -308.82	352.42 4.00 -310.88	470.53 3.58 -430.81	44.77 3.25 -0.01
BARRETT_IC_9 23700	45.77 3.47 -6.13	39.05 3.24 0.00	35.43 2.81 -0.57	34.37 2.64 0.00	34.45 2.72 0.00	37.80 3.07 -0.21	40.90 3.60 0.00	45.26 4.14 0.00	45.27 4.34 -0.06	46.97 4.60 -0.67	209.64 4.23 -169.25	200.86 4.28 -162.42	424.93 4.67 -383.28	460.83 4.75 -416.65	484.79 5.75 -432.32	495.74 6.13 -438.15	524.48 9.16 -439.81	471.33 6.20 -410.72	487.75 3.03 -454.98	507.52 3.56 -468.91	351.40 3.97 -308.82	352.42 4.00 -310.88	470.53 3.58 -430.81	44.77 3.25 -0.01
BARRETT___1 23545	45.77 3.47 -6.13	39.05 3.24 0.00	35.43 2.81 -0.57	34.37 2.64 0.00	34.45 2.72 0.00	37.80 3.07 -0.21	40.90 3.60 0.00	45.26 4.14 0.00	45.27 4.34 -0.06	46.97 4.60 -0.67	209.64 4.23 -169.25	200.86 4.28 -162.42	424.93 4.67 -383.28	460.83 4.75 -416.65	484.79 5.75 -432.32	495.74 6.13 -438.15	524.48 9.16 -439.81	471.33 6.20 -410.72	487.75 3.03 -454.98	507.52 3.56 -468.91	351.40 3.97 -308.82	352.42 4.00 -310.88	470.53 3.58 -430.81	44.77 3.25 -0.01
BARRETT___2 23546	45.77 3.47 -6.13	39.05 3.24 0.00	35.43 2.81 -0.57	34.37 2.64 0.00	34.45 2.72 0.00	37.80 3.07 -0.21	40.90 3.60 0.00	45.26 4.14 0.00	45.27 4.34 -0.06	46.97 4.60 -0.67	209.64 4.23 -169.25	200.86 4.28 -162.42	424.93 4.67 -383.28	460.83 4.75 -416.65	484.79 5.75 -432.32	495.74 6.13 -438.15	524.48 9.16 -439.81	471.33 6.20 -410.72	487.75 3.03 -454.98	507.52 3.56 -468.91	351.40 3.97 -308.82	352.42 4.00 -310.88	470.53 3.58 -430.81	44.77 3.25 -0.01
BATAVIA___115KV_TB1 55881	25.05 -0.49 10.62	24.79 -0.99 10.03	20.05 -1.01 10.98	21.28 -0.94 9.51	21.26 -0.93 9.53	23.17 -0.97 10.38	26.21 -1.14 9.95	30.01 -1.02 10.09	38.16 -1.61 1.09	39.58 -1.84 0.29	33.93 -1.61 0.61	32.48 -1.68 0.00	34.49 -2.48 0.00	35.83 -2.74 0.86	39.09 -3.20 4.43	46.27 -3.24 1.95	56.65 -4.87 13.98	48.78 -3.25 2.37	27.61 -1.75 0.39	31.97 -2.27 0.81	35.58 -2.02 1.01	30.23 -2.00 5.31	34.14 -1.82 0.18	36.84 -1.78 2.89
BAYONEEC___CTG1 323682	39.62 3.24 -0.21	38.87 3.06 0.00	35.37 2.75 -0.57	34.32 2.59 0.00	34.33 2.61 0.00	37.60 2.87 -0.21	40.67 3.37 0.00	45.04 3.92 0.00	45.02 4.16 0.00	46.26 4.56 0.00	69.75 4.18 -29.42	59.43 4.20 -21.07	58.03 4.52 -16.54	69.22 4.60 -25.18	94.14 5.65 -41.77	82.61 6.06 -25.09	146.15 9.02 -61.62	113.08 6.12 -52.55	75.12 2.78 -42.60	61.78 3.22 -23.51	52.41 3.63 -10.17	42.60 3.67 -1.38	39.52 3.33 -0.05	44.65 3.14 0.00
BAYONEEC___CTG10 323750	39.62 3.24 -0.21	38.87 3.06 0.00	35.37 2.75 -0.57	34.32 2.59 0.00	34.33 2.61 0.00	37.60 2.87 -0.21	40.67 3.37 0.00	45.04 3.92 0.00	45.02 4.16 0.00	46.26 4.56 0.00	69.75 4.18 -29.42	59.43 4.20 -21.07	58.03 4.52 -16.54	69.22 4.60 -25.18	94.14 5.65 -41.77	82.61 6.06 -25.09	146.15 9.02 -61.62	113.08 6.12 -52.55	75.12 2.78 -42.60	61.78 3.22 -23.51	52.41 3.63 -10.17	42.60 3.67 -1.38	39.52 3.33 -0.05	44.65 3.14 0.00
BAYONEEC___CTG2 323683	39.62 3.24 -0.21	38.87 3.06 0.00	35.37 2.75 -0.57	34.32 2.59 0.00	34.33 2.61 0.00	37.60 2.87 -0.21	40.67 3.37 0.00	45.04 3.92 0.00	45.02 4.16 0.00	46.26 4.56 0.00	69.75 4.18 -29.42	59.43 4.20 -21.07	58.03 4.52 -16.54	69.22 4.60 -25.18	94.14 5.65 -41.77	82.61 6.06 -25.09	146.15 9.02 -61.62	113.08 6.12 -52.55	75.12 2.78 -42.60	61.78 3.22 -23.51	52.41 3.63 -10.17	42.60 3.67 -1.38	39.52 3.33 -0.05	44.65 3.14 0.00
BAYONEEC___CTG3 323684	39.62 3.24 -0.21	38.87 3.06 0.00	35.37 2.75 -0.57	34.32 2.59 0.00	34.33 2.61 0.00	37.60 2.87 -0.21	40.67 3.37 0.00	45.04 3.92 0.00	45.02 4.16 0.00	46.26 4.56 0.00	69.75 4.18 -29.42	59.43 4.20 -21.07	58.03 4.52 -16.54	69.22 4.60 -25.18	94.14 5.65 -41.77	82.61 6.06 -25.09	146.15 9.02 -61.62	113.08 6.12 -52.55	75.12 2.78 -42.60	61.78 3.22 -23.51	52.41 3.63 -10.17	42.60 3.67 -1.38	39.52 3.33 -0.05	44.65 3.14 0.00
BAYONEEC___CTG4 323685	39.62 3.24 -0.21	38.87 3.06 0.00	35.37 2.75 -0.57	34.32 2.59 0.00	34.33 2.61 0.00	37.60 2.87 -0.21	40.67 3.37 0.00	45.04 3.92 0.00	45.02 4.16 0.00	46.26 4.56 0.00	69.75 4.18 -29.42	59.43 4.20 -21.07	58.03 4.52 -16.54	69.22 4.60 -25.18	94.14 5.65 -41.77	82.61 6.06 -25.09	146.15 9.02 -61.62	113.08 6.12 -52.55	75.12 2.78 -42.60	61.78 3.22 -23.51	52.41 3.63 -10.17	42.60 3.67 -1.38	39.52 3.33 -0.05	44.65 3.14 0.00
BAYONEEC___CTG5 323686	39.62 3.24 -0.21	38.87 3.06 0.00	35.37 2.75 -0.57	34.32 2.59 0.00	34.33 2.61 0.00	37.60 2.87 -0.21	40.67 3.37 0.00	45.04 3.92 0.00	45.02 4.16 0.00	46.26 4.56 0.00	69.75 4.18 -29.42	59.43 4.20 -21.07	58.03 4.52 -16.54	69.22 4.60 -25.18	94.14 5.65 -41.77	82.61 6.06 -25.09	146.15 9.02 -61.62	113.08 6.12 -52.55	75.12 2.78 -42.60	61.78 3.22 -23.51	52.41 3.63 -10.17	42.60 3.67 -1.38	39.52 3.33 -0.05	44.65 3.14 0.00
BAYONEEC___CTG6 323687	39.62 3.24 -0.21	38.87 3.06 0.00	35.37 2.75 -0.57	34.32 2.59 0.00	34.33 2.61 0.00	37.60 2.87 -0.21	40.67 3.37 0.00	45.04 3.92 0.00	45.02 4.16 0.00	46.26 4.56 0.00	69.75 4.18 -29.42	59.43 4.20 -21.07	58.03 4.52 -16.54	69.22 4.60 -25.18	94.14 5.65 -41.77	82.61 6.06 -25.09	146.15 9.02 -61.62	113.08 6.12 -52.55	75.12 2.78 -42.60	61.78 3.22 -23.51	52.41 3.63 -10.17	42.60 3.67 -1.38	39.52 3.33 -0.05	44.65 3.14 0.00
BAYONEEC___CTG7 323688	39.62 3.24 -0.21	38.87 3.06 0.00	35.37 2.75 -0.57	34.32 2.59 0.00	34.33 2.61 0.00	37.60 2.87 -0.21	40.67 3.37 0.00	45.04 3.92 0.00	45.02 4.16 0.00	46.26 4.56 0.00	69.75 4.18 -29.42	59.43 4.20 -21.07	58.03 4.52 -16.54	69.22 4.60 -25.18	94.14 5.65 -41.77	82.61 6.06 -25.09	146.15 9.02 -61.62	113.08 6.12 -52.55	75.12 2.78 -42.60	61.78 3.22 -23.51	52.41 3.63 -10.17	42.60 3.67 -1.38	39.52 3.33 -0.05	44.65 3.14 0.00

BAYONEEC___CTG8 323689	39.62 3.24 -0.21	38.87 3.06 0.00	35.37 2.75 -0.57	34.32 2.59 0.00	34.33 2.61 0.00	37.60 2.87 -0.21	40.67 3.37 0.00	45.04 3.92 0.00	45.02 4.16 0.00	46.26 4.56 0.00	69.75 4.18 -29.42	59.43 4.20 -21.07	58.03 4.52 -16.54	69.22 4.60 -25.18	94.14 5.65 -41.77	82.61 6.06 -25.09	146.15 9.02 -61.62	113.08 6.12 -52.55	75.12 2.78 -42.60	61.78 3.22 -23.51	52.41 3.63 -10.17	42.60 3.67 -1.38	39.52 3.33 -0.05	44.65 3.14 0.00
BAYONEEC___CTG9 323749	39.62 3.24 -0.21	38.87 3.06 0.00	35.37 2.75 -0.57	34.32 2.59 0.00	34.33 2.61 0.00	37.60 2.87 -0.21	40.67 3.37 0.00	45.04 3.92 0.00	45.02 4.16 0.00	46.26 4.56 0.00	69.75 4.18 -29.42	59.43 4.20 -21.07	58.03 4.52 -16.54	69.22 4.60 -25.18	94.14 5.65 -41.77	82.61 6.06 -25.09	146.15 9.02 -61.62	113.08 6.12 -52.55	75.12 2.78 -42.60	61.78 3.22 -23.51	52.41 3.63 -10.17	42.60 3.67 -1.38	39.52 3.33 -0.05	44.65 3.14 0.00
BAYPORT_69_KV_BK 2 356364	46.62 4.32 -6.13	39.91 4.10 0.00	36.18 3.55 -0.57	35.07 3.34 0.00	35.26 3.54 0.00	38.70 3.97 -0.21	41.86 4.56 0.00	46.30 5.17 0.00	46.25 5.33 -0.06	47.83 5.47 -0.66	81.91 5.10 -40.65	63.66 4.88 -24.62	90.42 5.28 -48.16	108.63 5.48 -63.71	246.88 6.56 -193.59	439.11 7.04 -380.62	460.43 10.25 -374.67	409.47 6.79 -348.28	376.97 3.63 -343.60	108.80 4.35 -69.40	103.57 5.06 -59.89	102.98 4.78 -60.66	370.28 4.26 -329.88	45.49 3.98 0.00
BEACON___LESR 323632	37.45 1.29 0.00	37.22 1.41 0.00	33.37 1.32 0.00	33.00 1.27 0.00	32.98 1.25 0.00	35.91 1.38 0.00	38.82 1.52 0.00	42.66 1.54 0.00	42.16 1.30 0.00	43.12 1.42 0.00	37.45 1.29 0.00	35.41 1.25 0.00	38.35 1.38 0.00	40.72 1.28 0.00	48.35 1.63 0.00	53.16 1.70 0.00	78.17 2.67 0.00	59.01 1.79 -2.82	31.22 0.90 -0.57	36.15 1.09 0.00	39.86 1.26 0.00	38.76 1.22 0.00	37.32 1.18 0.00	42.73 1.22 0.00
BEAVER RIVER___HYD 24048	10.99 -1.38 23.80	-14.58 -1.68 48.70	-15.38 -1.51 45.92	-15.46 -1.54 45.65	-15.47 -1.50 45.69	-10.03 -1.52 43.03	-14.74 -1.47 50.56	-13.76 -1.53 53.35	-4.56 -1.59 43.83	-13.70 -1.79 53.61	-10.83 -2.06 44.92	-15.61 -2.10 47.67	-15.16 -2.52 49.63	-14.65 -2.73 51.35	-13.26 -3.25 56.74	-9.62 -3.72 57.36	-2.63 -4.45 73.69	-10.18 -2.58 62.00	-16.37 -1.32 44.80	-2.75 -1.30 36.51	22.36 -1.34 14.90	19.38 -1.39 16.77	35.39 -0.75 0.00	41.24 -0.27 0.00
BEEBEE_GT_13 23619	35.27 -0.35 0.54	35.10 -0.70 0.00	29.85 -0.73 1.47	31.05 -0.68 0.00	31.05 -0.68 0.00	33.28 -0.71 0.54	36.49 -0.82 -0.01	40.30 -0.84 -0.02	39.78 -1.09 0.00	40.54 -1.16 0.00	35.12 -1.04 0.00	33.19 -0.98 0.00	35.59 -1.39 0.00	37.41 -1.56 0.46	44.75 -1.98 -0.01	49.48 -1.98 0.00	62.45 -2.83 10.23	50.54 -2.02 1.84	28.61 -1.13 0.00	33.57 -1.49 0.00	37.20 -1.35 0.05	32.57 -1.41 3.56	34.69 -1.31 0.14	38.03 -1.29 2.19
BENSHRST_27_KV_BENSHRST_1 355998	39.96 3.59 -0.21	39.17 3.36 0.00	35.65 3.02 -0.57	34.59 2.86 0.00	34.60 2.88 0.00	37.91 3.18 -0.21	41.03 3.73 0.00	45.46 4.33 0.00	45.46 4.60 0.00	46.76 5.06 0.00	69.55 4.78 -28.61	59.89 4.71 -21.02	58.63 5.13 -16.53	69.59 5.09 -25.06	94.55 6.08 -41.74	74.81 6.93 -16.42	114.51 10.29 -28.71	102.71 7.08 -41.22	75.48 3.02 -42.72	62.20 3.57 -23.58	53.02 4.08 -10.33	43.04 4.11 -1.38	39.95 3.75 -0.05	45.00 3.49 0.00
BETHLEHEM___GRP 23843	37.01 0.85 0.00	36.77 0.96 0.00	32.98 0.93 0.00	32.63 0.90 0.00	32.60 0.87 0.00	35.46 0.94 0.00	38.32 1.03 0.00	42.11 0.98 0.00	41.61 0.75 0.00	42.55 0.85 0.00	36.98 0.83 0.00	35.00 0.84 0.00	37.85 0.87 0.00	40.20 0.76 0.00	47.71 0.98 0.00	52.46 1.01 0.00	77.10 1.59 0.00	58.25 1.05 -2.80	30.83 0.51 -0.57	35.69 0.64 0.00	39.37 0.76 0.00	38.31 0.76 0.00	36.89 0.75 0.00	42.28 0.77 0.00
BETHLEHEM___GS1 323560	37.01 0.84 0.00	36.77 0.96 0.00	32.98 0.93 0.00	32.63 0.90 0.00	32.60 0.87 0.00	35.46 0.94 0.00	38.32 1.03 0.00	42.10 0.98 0.00	41.61 0.75 0.00	42.56 0.86 0.00	36.98 0.82 0.00	35.00 0.83 0.00	37.84 0.86 0.00	40.19 0.76 0.00	47.71 0.98 0.00	52.47 1.01 0.00	77.12 1.61 0.00	58.26 1.06 -2.80	30.82 0.51 -0.57	35.69 0.63 0.00	39.37 0.76 0.00	38.31 0.77 0.00	36.90 0.76 0.00	42.28 0.77 0.00
BETHLEHEM___GS2 323561	37.01 0.84 0.00	36.77 0.96 0.00	32.98 0.93 0.00	32.63 0.90 0.00	32.60 0.87 0.00	35.46 0.94 0.00	38.32 1.03 0.00	42.10 0.98 0.00	41.61 0.75 0.00	42.56 0.86 0.00	36.98 0.82 0.00	35.00 0.83 0.00	37.84 0.86 0.00	40.19 0.76 0.00	47.71 0.98 0.00	52.47 1.01 0.00	77.12 1.61 0.00	58.26 1.06 -2.80	30.82 0.51 -0.57	35.69 0.63 0.00	39.37 0.76 0.00	38.31 0.77 0.00	36.90 0.76 0.00	42.28 0.77 0.00
BETHLEHEM___GS3 323562	37.01 0.84 0.00	36.77 0.96 0.00	32.98 0.93 0.00	32.63 0.90 0.00	32.60 0.87 0.00	35.46 0.94 0.00	38.32 1.03 0.00	42.10 0.98 0.00	41.61 0.75 0.00	42.56 0.86 0.00	36.98 0.82 0.00	35.00 0.83 0.00	37.84 0.86 0.00	40.19 0.76 0.00	47.71 0.98 0.00	52.47 1.01 0.00	77.12 1.61 0.00	58.26 1.06 -2.80	30.82 0.51 -0.57	35.69 0.63 0.00	39.37 0.76 0.00	38.31 0.77 0.00	36.90 0.76 0.00	42.28 0.77 0.00
BETHLEHEM___STEEL 23779	15.37 -1.70 19.10	15.20 -2.17 18.43	10.98 -2.03 19.04	12.33 -1.93 17.47	12.27 -1.96 17.50	13.78 -2.09 18.65	16.63 -2.25 18.42	20.21 -2.14 18.77	36.44 -2.33 2.09	38.67 -2.48 0.56	32.85 -2.14 1.17	32.23 -1.94 0.00	34.51 -2.46 0.00	35.40 -2.77 1.26	34.92 -3.33 8.47	44.25 -3.49 3.71	52.25 -5.42 17.83	47.58 -3.87 2.96	26.80 -2.20 0.74	30.63 -2.90 1.52	33.89 -2.84 1.88	27.55 -2.87 7.12	33.35 -2.57 0.22	35.21 -2.65 3.65
BETHLHEM_115KV_TB1 79974	37.07 0.91 0.00	36.82 1.01 0.00	33.02 0.97 0.00	32.68 0.95 0.00	32.66 0.93 0.00	35.53 1.00 0.00	38.39 1.09 0.00	42.19 1.07 0.00	41.73 0.87 0.00	42.67 0.97 0.00	37.08 0.93 0.00	35.10 0.94 0.00	37.95 0.98 0.00	40.33 0.89 0.00	47.86 1.14 0.00	52.63 1.17 0.00	77.34 1.84 0.00	58.39 1.20 -2.79	30.90 0.59 -0.57	35.77 0.72 0.00	39.45 0.84 0.00	38.39 0.84 0.00	36.96 0.83 0.00	42.35 0.84 0.00
BETHPAGE_CC_5 323564	46.16 3.87 -6.13	39.41 3.60 0.00	35.75 3.13 -0.57	34.67 2.94 0.00	34.76 3.04 0.00	38.15 3.41 -0.21	41.29 3.99 0.00	45.71 4.59 0.00	45.70 4.78 -0.06	47.41 5.05 -0.66	89.01 4.63 -48.22	71.46 4.57 -32.73	109.88 5.01 -67.90	129.11 5.17 -84.50	260.68 6.30 -207.65	442.28 6.82 -384.00	464.23 10.22 -378.51	413.26 6.90 -351.95	383.34 3.43 -350.16	131.95 3.97 -92.93	117.56 4.40 -74.56	117.30 4.36 -75.39	375.94 3.97 -335.83	45.17 3.66 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	15.87 -1.63 18.66	15.72 -2.10 17.98	11.40 -1.99 18.66	12.81 -1.88 17.05	12.74 -1.91 17.07	14.26 -2.03 18.23	17.14 -2.18 17.97	20.75 -2.05 18.32	36.58 -2.24 2.04	38.77 -2.39 0.54	32.95 -2.07 1.14	32.29 -1.87 0.00	34.60 -2.38 0.00	35.50 -2.68 1.26	35.24 -3.22 8.26	44.47 -3.37 3.62	52.33 -5.23 17.95	47.67 -3.75 2.99	26.88 -2.14 0.72	30.75 -2.82 1.49	34.00 -2.77 1.83	27.61 -2.80 7.14	33.40 -2.51 0.23	35.25 -2.60 3.66

BINGHAMTON___COGEN 23790	38.26 0.37 -1.73	35.91 0.10 0.00	36.93 0.13 -4.75	31.90 0.17 0.00	31.95 0.23 0.00	36.54 0.28 -1.73	37.65 0.33 -0.03	42.39 0.52 -0.74	42.18 0.54 -0.77	43.05 0.53 -0.83	36.92 0.52 -0.24	34.73 0.56 0.00	37.54 0.56 0.00	41.34 0.42 -1.48	47.20 0.48 0.00	51.96 0.50 0.00	109.05 0.62 -32.93	56.89 0.35 -2.14	21.43 0.20 8.51	30.51 0.13 4.68	36.93 0.16 1.84	49.08 0.05 -11.48	36.65 0.06 -0.45	47.79 -0.13 -6.41
BIXINCNT_115KV_LOAD 355685	17.37 -1.89 16.90	17.27 -2.36 16.17	12.61 -2.32 17.12	14.31 -2.10 15.33	14.13 -2.25 15.34	15.60 -2.41 16.51	18.65 -2.49 16.16	22.77 -1.88 16.47	37.26 -1.76 1.84	39.32 -1.90 0.49	33.40 -1.73 1.02	32.75 -1.42 0.00	35.14 -1.84 0.00	36.00 -2.19 1.24	36.65 -2.66 7.42	45.39 -2.82 3.25	52.62 -4.36 18.52	48.13 -3.16 3.12	27.28 -1.81 0.65	31.27 -2.45 1.34	34.56 -2.38 1.66	27.96 -2.34 7.25	33.77 -2.13 0.24	35.47 -2.31 3.72
BLACK RIVER___HYD 24047	18.45 -1.29 16.43	0.48 -1.71 33.62	-1.21 -1.56 31.70	-1.36 -1.58 31.51	-1.36 -1.54 31.54	3.29 -1.52 29.71	0.96 -1.44 34.90	3.40 -1.48 36.25	9.64 -1.57 29.65	3.45 -1.90 36.36	3.25 -2.08 30.83	-1.05 -2.29 32.93	-0.23 -2.93 34.28	0.81 -3.16 35.47	3.81 -3.73 39.19	7.65 -4.19 39.62	19.86 -4.93 50.72	8.59 -2.99 42.83	-2.79 -1.59 30.94	8.40 -1.44 25.22	26.88 -1.44 10.29	24.49 -1.48 11.58	35.49 -0.65 0.00	41.34 -0.17 0.00
BLACKRVR_115KV_TB2 79977	18.45 -1.29 16.43	0.48 -1.71 33.62	-1.21 -1.56 31.70	-1.36 -1.58 31.51	-1.36 -1.54 31.54	3.29 -1.52 29.71	0.96 -1.44 34.90	3.40 -1.48 36.25	9.64 -1.57 29.65	3.45 -1.89 36.36	3.25 -2.07 30.83	-1.05 -2.29 32.93	-0.23 -2.93 34.28	0.81 -3.15 35.47	3.81 -3.73 39.19	7.65 -4.19 39.62	19.87 -4.92 50.72	8.59 -2.99 42.83	-2.80 -1.59 30.94	8.40 -1.44 25.22	26.87 -1.45 10.29	24.49 -1.47 11.58	35.49 -0.65 0.00	41.34 -0.17 0.00
BLISS_WT_PWR 323608	17.22 -2.04 16.90	17.13 -2.50 16.17	12.41 -2.52 17.12	14.17 -2.24 15.33	13.93 -2.45 15.34	15.38 -2.63 16.51	18.45 -2.69 16.16	22.69 -1.96 16.47	37.22 -1.81 1.84	39.29 -1.93 0.49	33.37 -1.76 1.02	32.77 -1.39 0.00	35.17 -1.80 0.00	35.99 -2.21 1.24	36.64 -2.67 7.42	45.36 -2.85 3.25	52.50 -4.48 18.52	48.07 -3.21 3.12	27.34 -1.75 0.65	31.28 -2.44 1.34	34.56 -2.38 1.66	27.92 -2.38 7.25	33.73 -2.18 0.24	35.44 -2.35 3.72
BLUESTONE___WT_PWR 323821	37.53 0.65 -0.71	36.39 0.58 0.00	34.54 0.53 -1.96	32.41 0.68 0.00	32.89 1.16 0.00	36.45 1.21 -0.71	38.46 1.14 -0.02	43.10 1.46 -0.52	42.51 1.11 -0.54	43.84 1.56 -0.58	37.59 1.51 0.08	31.86 1.54 3.84	36.63 1.16 1.51	35.14 1.49 5.79	34.79 1.94 13.88	48.61 2.20 5.04	82.51 3.84 -3.16	42.00 2.53 14.93	14.11 1.43 17.06	27.39 1.69 9.35	36.70 2.06 3.96	43.58 1.28 -4.75	37.48 1.15 -0.19	44.64 0.68 -2.44
BLUE_CIRC_CHEM_DRP 24182	37.34 1.17 0.00	37.07 1.26 0.00	33.26 1.21 0.00	32.93 1.20 0.00	32.93 1.21 0.00	35.82 1.30 0.00	38.66 1.37 0.00	42.51 1.38 0.00	42.00 1.13 0.00	42.87 1.17 0.00	37.23 1.07 0.00	35.24 1.08 0.00	38.05 1.07 0.00	40.43 1.00 0.00	48.00 1.28 0.00	52.89 1.44 0.00	77.85 2.35 0.00	58.63 1.45 -2.78	31.08 0.77 -0.57	36.01 0.95 0.00	39.69 1.08 0.00	38.60 1.06 0.00	37.20 1.07 0.00	42.69 1.19 0.00
BOC_GAS_DRP 24189	37.18 1.02 0.00	36.87 1.07 0.00	33.07 1.03 0.00	32.75 1.02 0.00	32.74 1.02 0.00	35.61 1.08 0.00	38.48 1.18 0.00	42.40 1.28 0.00	42.07 1.21 0.00	43.00 1.30 0.00	37.36 1.21 0.00	35.38 1.21 0.00	38.27 1.29 0.00	40.69 1.25 0.00	48.32 1.59 0.00	53.14 1.68 0.00	78.03 2.52 0.00	58.67 1.53 -2.74	31.08 0.78 -0.56	35.95 0.89 0.00	39.62 1.01 0.00	38.56 1.01 0.00	37.13 0.99 0.00	42.53 1.01 0.00
BOONVILLE_115KV_TB1 79983	52.36 0.13 -16.06	68.57 -0.11 -32.87	62.92 -0.12 -30.99	62.40 -0.14 -30.81	62.47 -0.09 -30.84	63.50 0.04 -28.94	70.42 0.25 -32.87	77.04 0.36 -35.56	70.61 0.33 -29.42	77.80 0.26 -35.84	65.44 -0.19 -29.47	64.80 -0.32 -30.96	68.64 -0.56 -32.23	72.11 -0.67 -33.35	82.70 -0.87 -36.85	87.62 -1.09 -37.25	122.72 -0.84 -48.06	94.70 0.02 -40.27	58.94 0.10 -29.09	59.07 0.27 -23.75	48.98 0.32 -10.06	49.06 0.20 -11.32	36.62 0.48 0.00	42.31 0.79 0.00
BORALEX_4TH_BRANCH 23824	37.95 1.79 0.00	37.74 1.94 0.00	33.80 1.75 0.00	33.44 1.71 0.00	33.42 1.70 0.00	36.37 1.85 0.00	39.38 2.09 0.00	43.30 2.18 0.00	43.00 2.14 0.00	43.98 2.28 0.00	38.09 1.94 0.00	35.94 1.78 0.00	38.86 1.89 0.00	41.26 1.82 0.00	49.07 2.35 0.00	53.95 2.49 0.00	79.09 3.58 0.00	59.70 2.38 -2.92	31.61 1.27 -0.60	36.66 1.60 0.00	40.47 1.87 0.00	39.43 1.88 0.00	38.00 1.86 0.00	43.35 1.83 0.00
BOWLINE___1 23526	39.08 2.70 -0.22	38.37 2.56 0.00	34.93 2.28 -0.59	33.88 2.15 0.00	33.89 2.17 0.00	37.16 2.42 -0.22	40.16 2.86 0.00	44.40 3.28 0.00	44.29 3.42 0.00	45.42 3.72 0.00	37.26 3.50 2.40	53.95 3.58 -16.21	46.17 3.85 -5.35	71.69 3.91 -28.35	114.19 4.87 -62.59	79.41 5.23 -22.72	134.68 7.90 -51.27	118.13 5.38 -58.34	86.08 2.51 -53.82	68.66 2.85 -30.76	55.08 3.18 -13.30	42.16 3.17 -1.44	39.09 2.90 -0.06	44.30 2.78 0.00
BOWLINE___2 23595	39.11 2.73 -0.22	38.38 2.57 0.00	34.93 2.28 -0.59	33.88 2.16 0.00	33.90 2.17 0.00	37.18 2.44 -0.22	40.18 2.88 0.00	44.44 3.32 0.00	44.35 3.48 0.00	45.49 3.79 0.00	37.27 3.53 2.41	53.91 3.62 -16.13	46.18 3.89 -5.32	71.62 3.98 -28.21	113.97 4.94 -62.31	79.40 5.33 -22.62	134.59 8.04 -51.05	117.98 5.47 -58.10	85.94 2.56 -53.64	68.62 2.91 -30.65	55.09 3.24 -13.25	42.19 3.21 -1.44	39.10 2.91 -0.06	44.30 2.78 0.00
BRADY___115KV_TB2 356060	30.22 -0.64 5.30	24.45 -0.51 10.84	21.26 -0.57 10.23	20.98 -0.58 10.17	21.04 -0.51 10.17	24.28 -0.57 9.67	24.22 -0.69 12.38	27.01 -0.89 13.23	29.14 -0.81 10.91	27.40 -0.99 13.32	23.86 -1.24 11.05	21.11 -1.38 11.67	23.34 -1.49 12.15	25.59 -1.28 12.57	31.29 -1.55 13.89	35.83 -1.59 14.04	54.95 -2.52 18.04	37.88 -1.34 15.18	18.16 -0.62 10.97	25.88 -0.28 8.90	35.28 0.00 3.32	33.79 -0.02 3.74	36.02 -0.11 0.00	41.45 -0.06 0.00
BRANSCOMB___SOLAR 323811	38.35 2.19 0.00	38.00 2.20 0.00	34.05 2.00 0.00	33.69 1.96 0.00	33.67 1.95 0.00	36.74 2.21 0.00	39.80 2.50 0.00	43.81 2.69 0.00	43.43 2.57 0.00	44.54 2.84 0.00	38.48 2.32 0.00	36.33 2.17 0.00	39.19 2.22 0.00	41.59 2.15 0.00	49.30 2.57 0.00	54.33 2.87 0.00	79.80 4.30 0.00	60.20 3.25 -2.54	32.06 1.80 -0.52	37.17 2.11 0.00	41.00 2.39 0.00	39.92 2.37 0.00	38.33 2.19 0.00	43.78 2.27 0.00
BRDGHMPT_69_KV_BK1 55812	46.02 3.72 -6.13	39.39 3.58 0.00	35.71 3.09 -0.57	34.62 2.89 0.00	34.90 3.18 0.00	38.34 3.61 -0.21	41.42 4.12 0.00	45.80 4.67 0.00	45.76 4.84 -0.06	47.24 4.88 -0.66	80.40 4.65 -39.60	61.86 4.20 -23.49	86.94 4.55 -45.43	105.01 4.75 -60.83	244.16 5.80 -191.64	437.65 6.04 -380.14	458.83 9.18 -374.14	408.24 6.07 -347.77	375.54 3.11 -342.69	105.17 3.98 -66.14	101.29 4.82 -57.86	100.65 4.49 -58.61	369.19 3.99 -329.06	45.41 3.90 0.00



BRENTWOD_69_KV_W. BRTWOOD 56703	46.44 4.14 -6.13	39.70 3.89 0.00	35.99 3.37 -0.57	34.91 3.17 0.00	35.04 3.32 0.00	38.46 3.73 -0.21	41.63 4.33 0.00	46.04 4.91 0.00	45.96 5.04 -0.06	47.56 5.20 -0.66	81.91 4.81 -40.94	63.81 4.71 -24.93	90.91 5.00 -48.93	109.01 5.06 -64.52	246.95 6.08 -194.14	438.77 6.57 -380.75	460.20 9.87 -374.82	409.42 6.59 -348.42	376.95 3.35 -343.86	109.29 3.92 -70.31	103.54 4.47 -60.46	103.16 4.39 -61.22	370.19 3.94 -330.11	45.10 3.58 0.00
BRISTLHL_115KV_TB1 79998	34.45 -0.77 0.95	33.37 -0.89 1.55	29.24 -0.82 1.99	29.49 -0.79 1.45	29.48 -0.79 1.45	32.10 -0.86 1.57	34.82 -0.95 1.53	41.89 -1.03 -1.80	42.06 -1.05 -2.24	42.77 -1.12 -2.20	34.85 -0.98 0.32	31.63 -0.97 1.56	34.22 -1.12 1.63	36.20 -1.38 1.85	43.14 -1.72 1.86	47.71 -1.86 1.88	66.56 -2.69 6.25	49.87 -1.83 2.71	27.33 -0.94 1.47	32.71 -1.15 1.20	36.89 -1.22 0.49	34.50 -1.21 1.83	34.96 -1.13 0.05	40.39 -1.12 0.00
BROOKHAVEN___DRP 24191	46.28 3.98 -6.13	39.64 3.83 0.00	35.93 3.31 -0.57	34.84 3.11 0.00	35.08 3.35 0.00	38.52 3.79 -0.21	41.59 4.29 0.00	45.98 4.85 0.00	45.89 4.97 -0.06	47.38 5.02 -0.66	80.45 4.73 -39.57	61.96 4.34 -23.46	86.98 4.66 -45.35	104.99 4.80 -60.75	244.10 5.78 -191.59	437.72 6.14 -380.13	458.80 9.17 -374.12	408.29 6.14 -347.75	375.57 3.17 -342.67	104.93 3.83 -66.04	101.04 4.63 -57.80	100.49 4.40 -58.55	369.09 3.91 -329.04	45.18 3.67 0.00
BROOKLYN_NAVY_YARD 23515	39.56 3.19 -0.21	38.81 3.01 0.00	35.34 2.72 -0.57	34.30 2.57 0.00	34.29 2.57 0.00	37.55 2.82 -0.21	40.60 3.30 0.00	44.99 3.87 0.00	45.00 4.14 0.00	46.24 4.54 0.00	69.70 4.13 -29.42	59.40 4.17 -21.07	57.98 4.46 -16.54	69.19 4.57 -25.18	94.09 5.61 -41.77	82.54 5.99 -25.09	146.08 8.95 -61.62	113.01 6.05 -52.55	75.12 2.77 -42.60	61.74 3.17 -23.51	52.36 3.59 -10.17	42.57 3.64 -1.38	39.49 3.30 -0.05	44.58 3.07 0.00
BROOKLYN___ARMY_DRP 323595	39.71 3.34 -0.21	38.94 3.13 0.00	35.45 2.82 -0.57	34.40 2.68 0.00	34.41 2.69 0.00	37.70 2.97 -0.21	40.79 3.50 0.00	45.18 4.05 0.00	45.16 4.30 0.00	46.43 4.73 0.00	69.26 4.50 -28.61	59.60 4.42 -21.02	58.32 4.81 -16.53	69.26 4.76 -25.06	94.14 5.68 -41.74	74.34 6.46 -16.42	113.79 9.58 -28.71	102.20 6.57 -41.22	75.22 2.76 -42.72	61.92 3.29 -23.58	52.71 3.77 -10.33	42.75 3.82 -1.38	39.67 3.48 -0.05	44.72 3.21 0.00
BROOME_2_LFGE 323671	38.24 0.35 -1.73	35.90 0.09 0.00	36.91 0.12 -4.75	31.90 0.17 0.00	31.94 0.22 0.00	36.52 0.27 -1.73	37.65 0.33 -0.03	42.36 0.50 -0.74	42.17 0.54 -0.77	43.05 0.52 -0.83	36.91 0.51 -0.24	34.72 0.56 0.00	37.53 0.56 0.00	41.32 0.41 -1.48	47.19 0.47 0.00	51.94 0.49 0.00	109.01 0.58 -32.93	56.88 0.33 -2.14	21.43 0.20 8.51	30.51 0.12 4.68	36.93 0.16 1.84	49.06 0.03 -11.48	36.65 0.06 -0.45	47.79 -0.13 -6.41
BROOME___LFGE 323600	38.24 0.35 -1.73	35.90 0.09 0.00	36.91 0.12 -4.75	31.90 0.17 0.00	31.94 0.22 0.00	36.52 0.27 -1.73	37.65 0.33 -0.03	42.36 0.50 -0.74	42.17 0.54 -0.77	43.05 0.52 -0.83	36.91 0.51 -0.24	34.72 0.56 0.00	37.53 0.56 0.00	41.32 0.41 -1.48	47.19 0.47 0.00	51.94 0.49 0.00	109.01 0.58 -32.93	56.88 0.33 -2.14	21.43 0.20 8.51	30.51 0.12 4.68	36.93 0.16 1.84	49.06 0.03 -11.48	36.65 0.06 -0.45	47.79 -0.13 -6.41
BROWNFLS_115KV_TB_3_5 80003	18.06 -1.68 16.42	0.41 -1.78 33.61	-1.29 -1.65 31.69	-1.45 -1.67 31.50	-1.43 -1.62 31.53	2.98 -1.75 29.79	-0.67 -1.92 36.05	0.96 -2.10 38.06	7.51 -2.08 31.27	1.18 -2.28 38.25	1.69 -2.43 32.04	-2.28 -2.46 33.99	-1.20 -2.79 35.38	-0.05 -2.87 36.62	2.84 -3.43 40.46	6.75 -3.81 40.90	17.89 -5.07 52.54	7.11 -3.09 44.21	-3.79 -1.59 31.94	7.49 -1.57 25.99	26.79 -1.53 10.29	24.42 -1.54 11.58	34.96 -1.17 0.00	40.62 -0.90 0.00
BROWNSV1_27_KV_LOAD 356125	39.95 3.58 -0.21	39.20 3.39 0.00	35.64 3.02 -0.57	34.59 2.86 0.00	34.59 2.87 0.00	37.89 3.16 -0.21	41.00 3.70 0.00	45.44 4.31 0.00	45.42 4.56 0.00	46.68 4.97 0.00	70.14 4.57 -29.42	59.81 4.58 -21.07	58.44 4.93 -16.54	69.67 5.06 -25.18	94.68 6.19 -41.76	83.24 6.69 -25.09	147.07 9.94 -61.62	113.75 6.79 -52.55	75.49 3.15 -42.60	62.17 3.60 -23.51	52.81 4.03 -10.17	42.97 4.05 -1.38	39.89 3.70 -0.05	45.04 3.52 0.00
BURROWS___LYONSDAL 23803	35.86 -0.30 0.00	35.24 -0.57 0.00	31.53 -0.52 0.00	31.20 -0.53 0.00	31.24 -0.48 0.00	34.13 -0.40 0.00	37.12 -0.20 -0.02	41.49 -0.14 -0.51	41.21 -0.18 -0.53	42.00 -0.27 -0.57	35.62 -0.70 -0.16	33.39 -0.77 0.00	35.94 -1.04 0.00	38.24 -1.19 0.00	45.26 -1.46 0.00	49.70 -1.76 0.00	73.74 -1.76 0.00	53.80 -0.60 0.00	29.50 -0.24 0.00	34.92 -0.13 0.00	38.47 -0.14 0.00	37.31 -0.24 0.00	36.30 0.16 0.00	42.05 0.53 0.00
CAITHNESS_CC_1 323624	46.25 3.96 -6.13	39.59 3.78 0.00	35.89 3.27 -0.57	34.80 3.07 0.00	35.02 3.29 0.00	38.45 3.72 -0.21	41.53 4.23 0.00	45.91 4.78 0.00	45.85 4.93 -0.06	47.35 4.99 -0.66	80.38 4.69 -39.54	61.95 4.36 -23.43	86.96 4.71 -45.27	104.93 4.83 -60.67	244.05 5.79 -191.53	437.72 6.14 -380.12	458.79 9.17 -374.11	408.26 6.12 -347.74	375.54 3.16 -342.64	104.81 3.81 -65.95	100.90 4.55 -57.75	100.38 4.34 -58.50	369.00 3.85 -329.01	45.06 3.55 0.00
CALPINE BETH_PAGE_GT4 24209	46.13 3.84 -6.13	39.38 3.57 0.00	35.72 3.10 -0.57	34.65 2.92 0.00	34.73 3.01 0.00	38.11 3.38 -0.21	41.25 3.95 0.00	45.67 4.54 0.00	45.65 4.73 -0.06	47.38 5.02 -0.66	95.15 4.59 -54.41	78.01 4.49 -39.36	125.92 4.91 -84.03	146.00 5.08 -101.49	272.07 6.20 -219.14	444.94 6.71 -386.77	467.17 10.02 -381.64	416.14 6.78 -354.96	388.62 3.36 -355.52	151.09 3.88 -112.16	129.42 4.28 -86.54	129.24 4.26 -87.43	380.76 3.94 -340.68	45.12 3.61 0.00
CALPINE_BETH_PAGE_GT_4 323586	46.13 3.83 -6.13	39.37 3.56 0.00	35.72 3.10 -0.57	34.64 2.91 0.00	34.73 3.01 0.00	38.11 3.38 -0.21	41.25 3.95 0.00	45.66 4.53 0.00	45.66 4.73 -0.06	47.38 5.01 -0.66	95.15 4.59 -54.41	78.00 4.47 -39.36	125.92 4.91 -84.03	145.99 5.07 -101.49	272.07 6.20 -219.14	444.93 6.70 -386.77	467.17 10.03 -381.64	416.13 6.77 -354.96	388.62 3.35 -355.52	151.09 3.88 -112.16	129.43 4.29 -86.54	129.25 4.27 -87.43	380.76 3.94 -340.68	45.14 3.63 0.00
CALPINE_BP_GT1 23823	46.13 3.83 -6.13	39.37 3.56 0.00	35.72 3.10 -0.57	34.64 2.91 0.00	34.73 3.01 0.00	38.11 3.38 -0.21	41.25 3.95 0.00	45.66 4.53 0.00	45.66 4.73 -0.06	47.38 5.01 -0.66	95.15 4.59 -54.41	78.00 4.47 -39.36	125.92 4.91 -84.03	145.99 5.07 -101.49	272.07 6.20 -219.14	444.93 6.70 -386.77	467.17 10.03 -381.64	416.13 6.77 -354.96	388.62 3.35 -355.52	151.09 3.88 -112.16	129.43 4.29 -86.54	129.25 4.27 -87.43	380.76 3.94 -340.68	45.14 3.63 0.00
CALSPAN___DRP 24200	15.37 -1.70 19.10	15.20 -2.17 18.43	10.98 -2.03 19.04	12.33 -1.93 17.47	12.27 -1.96 17.50	13.78 -2.09 18.65	16.63 -2.25 18.42	20.21 -2.14 18.77	36.44 -2.33 2.09	38.67 -2.48 0.56	32.85 -2.14 1.17	32.23 -1.94 0.00	34.51 -2.46 0.00	35.40 -2.77 1.26	34.92 -3.33 8.47	44.25 -3.49 3.71	52.25 -5.42 17.83	47.58 -3.87 2.96	26.80 -2.20 0.74	30.63 -2.90 1.52	33.89 -2.84 1.88	27.55 -2.87 7.12	33.35 -2.57 0.22	35.21 -2.65 3.65

CALVERTON___SOLAR 323806	46.28 3.99 -6.13	39.66 3.85 0.00	35.96 3.33 -0.57	34.86 3.13 0.00	35.11 3.39 0.00	38.55 3.82 -0.21	41.62 4.32 0.00	46.01 4.88 0.00	45.93 5.01 -0.06	47.39 5.03 -0.66	80.49 4.76 -39.58	61.93 4.30 -23.47	86.97 4.62 -45.37	104.99 4.78 -60.77	244.10 5.77 -191.60	437.71 6.12 -380.14	458.82 9.19 -374.13	408.32 6.16 -347.76	375.59 3.18 -342.67	104.99 3.86 -66.07	101.15 4.72 -57.82	100.59 4.48 -58.57	369.14 3.96 -329.04	45.25 3.74 0.00
CANDIGU_WT_PWR 323617	-43.00 -1.59 77.58	-43.00 -1.82 76.99	-43.00 -1.65 73.41	-43.00 -1.71 73.02	-43.00 -1.57 73.15	-43.00 -1.76 75.77	-41.67 -1.76 77.20	-38.58 -1.62 78.08	31.47 -1.33 8.07	38.62 -1.33 1.75	30.44 -1.08 4.63	33.14 -1.02 0.00	35.68 -1.30 0.00	34.40 -1.74 3.30	9.92 -2.11 34.70	34.10 -2.19 15.17	40.63 -3.19 31.69	45.09 -2.24 7.08	25.04 -1.14 3.56	27.25 -1.61 6.20	29.55 -1.61 7.45	21.41 -1.64 14.50	34.25 -1.54 0.35	32.85 -1.91 6.76
CARR STREET_E_SYR 24060	35.76 -0.19 0.21	35.46 -0.35 0.00	31.15 -0.31 0.58	31.44 -0.29 0.00	31.43 -0.30 0.00	34.03 -0.29 0.21	37.01 -0.32 -0.04	41.83 -0.33 -1.04	41.59 -0.35 -1.07	42.45 -0.41 -1.15	36.13 -0.36 -0.34	33.80 -0.37 0.00	36.51 -0.46 0.00	38.61 -0.65 0.18	45.88 -0.84 0.00	50.50 -0.96 0.00	70.05 -1.39 4.07	52.75 -0.92 0.73	29.29 -0.46 0.00	34.45 -0.60 0.00	37.96 -0.62 0.02	35.48 -0.65 1.42	35.49 -0.60 0.06	40.94 -0.57 0.00
CARTHAGE___PAPER 23857	15.55 -1.34 19.28	-5.34 -1.69 39.46	-6.69 -1.54 37.20	-6.81 -1.56 36.98	-6.81 -1.52 37.01	-1.85 -1.52 34.86	-5.10 -1.44 40.96	-3.23 -1.49 42.86	4.15 -1.57 35.14	-3.16 -1.83 43.03	-2.20 -2.07 36.28	-6.66 -2.19 38.63	-5.95 -2.71 40.21	-5.09 -2.91 41.61	-2.70 -3.45 45.98	1.05 -3.92 46.48	11.25 -4.65 59.61	1.42 -2.74 50.25	-7.99 -1.43 36.30	4.14 -1.33 29.59	25.17 -1.36 12.07	22.57 -1.39 13.59	35.46 -0.68 0.00	41.31 -0.21 0.00
CASSADAGA_WT_PWR 323784	16.37 -1.97 17.83	15.94 -2.76 17.12	11.59 -2.50 17.95	13.33 -2.18 16.22	13.36 -2.13 16.24	15.23 -1.88 17.42	18.87 -1.31 17.11	23.08 -0.60 17.45	38.26 -0.65 1.95	40.47 -0.71 0.52	34.56 -0.51 1.09	33.81 -0.35 0.00	36.31 -0.67 0.00	37.11 -1.07 1.26	37.47 -1.37 7.88	46.56 -1.45 3.45	54.14 -2.91 18.46	49.37 -1.94 3.09	28.05 -1.00 0.69	32.07 -1.57 1.42	35.31 -1.54 1.76	28.46 -1.81 7.28	34.20 -1.70 0.23	35.91 -1.86 3.75
CE_DUNWOOD___DRP 24194	39.35 2.98 -0.21	38.63 2.82 0.00	35.14 2.51 -0.57	34.11 2.38 0.00	34.12 2.40 0.00	37.39 2.66 -0.21	40.43 3.13 0.00	44.76 3.63 0.00	44.68 3.82 0.00	45.86 4.16 0.00	35.26 3.85 4.75	48.28 3.90 -10.22	43.60 4.21 -2.42	62.81 4.30 -19.08	95.41 5.30 -43.39	72.93 5.72 -15.75	120.73 8.57 -36.66	102.40 5.81 -42.19	74.53 2.73 -42.05	62.16 3.11 -24.00	52.45 3.46 -10.38	42.36 3.43 -1.39	39.33 3.14 -0.05	44.50 2.99 0.00
CE_MILLWOOD___DRP 24193	39.26 2.88 -0.21	38.53 2.72 0.00	35.05 2.43 -0.58	34.03 2.30 0.00	34.04 2.31 0.00	37.31 2.57 -0.21	40.33 3.03 0.00	44.64 3.51 0.00	44.55 3.68 0.00	45.70 4.00 0.00	36.25 3.72 3.62	49.25 3.77 -11.31	44.20 4.07 -3.16	64.13 4.17 -20.52	97.90 5.14 -46.04	73.73 5.56 -16.71	122.51 8.34 -38.67	104.45 5.66 -44.39	75.94 2.66 -43.54	62.93 3.02 -24.85	52.72 3.36 -10.75	42.27 3.33 -1.39	39.23 3.04 -0.05	44.43 2.91 0.00
CE_NYC2_DRP 24202	39.63 3.27 -0.21	38.87 3.07 0.00	35.38 2.76 -0.57	34.35 2.62 0.00	34.35 2.63 0.00	37.62 2.89 -0.21	40.69 3.39 0.00	45.08 3.95 0.00	45.06 4.20 0.00	46.30 4.59 0.00	68.79 4.24 -28.39	59.09 4.20 -20.72	57.62 4.54 -16.11	68.93 4.53 -24.96	94.00 5.53 -41.74	68.44 6.16 -10.83	108.67 9.16 -24.01	96.39 6.24 -35.74	75.19 2.73 -42.72	61.70 3.14 -23.51	52.37 3.60 -10.17	42.64 3.71 -1.38	39.57 3.37 -0.05	44.60 3.09 0.00
CE_NYC_DRP 24195	39.67 3.30 -0.21	38.94 3.13 0.00	35.41 2.79 -0.57	34.37 2.65 0.00	34.38 2.65 0.00	37.66 2.93 -0.21	40.74 3.44 0.00	45.12 3.99 0.00	45.11 4.25 0.00	46.35 4.64 0.00	70.09 4.29 -29.65	59.61 4.30 -21.15	58.24 4.63 -16.63	69.39 4.73 -25.23	94.28 5.78 -41.77	85.47 6.23 -27.79	153.49 9.26 -68.73	116.42 6.29 -55.73	75.19 2.87 -42.57	61.87 3.30 -23.52	52.47 3.70 -10.17	42.65 3.72 -1.38	39.59 3.40 -0.05	44.72 3.21 0.00
CHAFFEE___LFGE 323603	16.69 -1.46 18.01	16.55 -1.94 17.31	12.09 -1.87 18.09	13.56 -1.76 16.41	13.51 -1.78 16.43	15.04 -1.89 17.60	18.00 -1.99 17.30	21.66 -1.83 17.64	36.82 -2.08 1.97	38.93 -2.25 0.52	33.13 -1.93 1.10	32.43 -1.73 0.00	34.77 -2.21 0.00	35.66 -2.53 1.25	35.69 -3.08 7.95	44.73 -3.25 3.48	52.23 -5.10 18.17	47.75 -3.62 3.04	27.09 -1.95 0.70	30.98 -2.65 1.43	34.22 -2.62 1.77	27.65 -2.72 7.18	33.49 -2.42 0.23	35.29 -2.53 3.69
CHATEAUG_35_KV_LOAD 355732	32.04 -1.39 2.74	29.03 -1.17 5.61	25.59 -1.17 5.29	25.31 -1.17 5.25	25.42 -1.05 5.26	28.69 -1.08 4.76	32.84 -1.04 3.42	36.26 -1.22 3.65	36.77 -1.08 3.01	35.86 -1.26 4.59	31.75 -1.36 3.05	29.52 -1.42 3.22	32.18 -1.44 3.35	34.72 -1.24 3.47	41.37 -1.52 3.83	46.03 -1.55 3.87	68.13 -2.40 4.97	48.79 -1.43 4.19	26.05 -0.67 3.02	32.09 -0.42 2.54	36.73 -0.16 1.72	35.48 -0.14 1.93	35.89 -0.25 0.00	41.21 -0.30 0.00
CHATEAUG_WT_PWR 323614	32.69 -1.35 2.12	30.35 -1.12 4.34	26.82 -1.14 4.09	26.53 -1.13 4.07	26.66 -0.99 4.07	29.75 -1.03 3.75	32.85 -1.03 3.42	36.26 -1.21 3.65	36.82 -1.03 3.01	37.05 -1.17 3.49	31.81 -1.30 3.05	29.56 -1.39 3.22	32.25 -1.37 3.35	34.83 -1.14 3.47	41.52 -1.38 3.83	46.20 -1.39 3.87	68.34 -2.19 4.97	48.92 -1.30 4.19	26.10 -0.62 3.02	32.22 -0.33 2.50	37.16 -0.12 1.33	35.93 -0.12 1.49	35.90 -0.23 0.00	41.24 -0.28 0.00
CHAT_HIGH_FALL_HYD 323578	32.04 -1.39 2.74	29.03 -1.17 5.61	25.59 -1.17 5.29	25.31 -1.17 5.25	25.42 -1.05 5.26	28.69 -1.08 4.76	32.84 -1.04 3.42	36.26 -1.22 3.65	36.77 -1.08 3.01	35.86 -1.26 4.59	31.75 -1.36 3.05	29.52 -1.42 3.22	32.18 -1.44 3.35	34.72 -1.24 3.47	41.37 -1.52 3.83	46.03 -1.55 3.87	68.13 -2.40 4.97	48.79 -1.43 4.19	26.05 -0.67 3.02	32.09 -0.42 2.54	36.73 -0.16 1.72	35.48 -0.14 1.93	35.89 -0.25 0.00	41.21 -0.30 0.00
CHAUTAUQUA___LFGE 323629	15.95 -1.61 18.60	15.59 -2.32 17.90	11.30 -2.12 18.63	12.84 -1.92 16.97	12.83 -1.90 16.99	14.55 -1.81 18.17	17.84 -1.55 17.91	21.80 -1.06 18.26	37.68 -1.14 2.04	39.92 -1.24 0.54	34.01 -1.01 1.14	33.34 -0.82 0.00	35.81 -1.17 0.00	36.60 -1.57 1.27	36.56 -1.91 8.26	45.83 -2.01 3.61	53.59 -3.63 18.28	48.89 -2.46 3.05	27.72 -1.30 0.72	31.65 -1.92 1.48	34.85 -1.92 1.84	28.16 -2.13 7.26	34.00 -1.90 0.23	35.69 -2.09 3.73
CHERRYST_13_KV_LD 356241	39.81 3.43 -0.21	39.06 3.25 0.00	35.53 2.91 -0.57	34.49 2.75 0.00	34.50 2.77 0.00	37.79 3.06 -0.21	40.89 3.60 0.00	45.31 4.18 0.00	45.31 4.45 0.00	46.57 4.87 0.00	70.29 4.49 -29.65	59.81 4.50 -21.15	58.44 4.83 -16.63	69.62 4.95 -25.23	94.55 6.06 -41.77	85.78 6.53 -27.79	153.94 9.71 -68.73	116.72 6.59 -55.73	75.35 3.03 -42.57	62.03 3.46 -23.52	52.64 3.86 -10.17	42.80 3.87 -1.38	39.74 3.55 -0.05	44.86 3.35 0.00

CHESTROR_138KV_BK263 355645	38.91 2.52 -0.23	38.17 2.37 0.00	34.78 2.11 -0.63	33.73 2.00 0.00	33.74 2.01 0.00	37.00 2.25 -0.23	39.94 2.64 0.00	44.18 3.05 0.00	44.02 3.16 0.00	45.12 3.42 0.00	43.97 3.18 -4.64	142.70 3.29 -105.24	81.24 3.55 -40.72	219.09 3.62 -176.04	433.47 4.53 -382.22	195.12 4.92 -138.74	375.24 7.50 -292.23	393.38 5.08 -333.91	298.08 2.43 -265.90	189.96 2.76 -152.14	107.33 3.03 -65.69	42.01 2.95 -1.52	38.86 2.67 -0.06	44.05 2.54 0.00
CH_MIDHUDSON___DRP 24192	39.05 2.69 -0.20	38.34 2.54 0.00	34.87 2.26 -0.55	33.90 2.17 0.00	33.90 2.18 0.00	37.14 2.41 -0.20	40.12 2.82 0.00	44.42 3.30 0.00	44.35 3.49 0.00	45.46 3.76 0.00	40.01 3.49 -0.37	43.45 3.55 -5.74	42.97 3.82 -2.17	52.54 3.87 -9.23	71.18 4.81 -19.65	63.87 5.28 -7.13	102.09 7.96 -18.62	79.71 5.31 -19.99	51.64 2.58 -19.31	48.94 2.91 -10.96	46.56 3.20 -4.75	42.02 3.14 -1.33	39.05 2.86 -0.05	44.28 2.76 0.00
CH_MISC_IPPS 23765	39.41 3.04 -0.21	38.66 2.85 0.00	35.16 2.54 -0.57	34.15 2.42 0.00	34.15 2.43 0.00	37.43 2.70 -0.21	40.44 3.14 0.00	44.79 3.66 0.00	44.67 3.81 0.00	45.81 4.10 0.00	40.45 3.78 -0.51	45.96 3.88 -7.91	44.28 4.23 -3.07	56.86 4.30 -13.13	80.14 5.33 -28.08	67.52 5.87 -10.19	109.57 8.96 -25.10	85.33 6.00 -24.93	54.88 2.94 -22.20	51.19 3.32 -12.82	47.80 3.64 -5.56	42.45 3.53 -1.38	39.39 3.20 -0.05	44.60 3.09 0.00
CH_RES_BVR_FALLS 23983	35.03 -0.41 0.72	33.92 -0.41 1.47	30.26 -0.40 1.39	29.95 -0.40 1.38	29.96 -0.38 1.38	32.94 -0.40 1.18	36.87 -0.42 0.00	40.67 -0.46 0.00	40.45 -0.41 0.00	41.25 -0.45 0.00	35.70 -0.46 0.00	33.70 -0.46 0.00	36.48 -0.50 0.00	38.99 -0.44 0.00	46.20 -0.53 0.00	50.96 -0.50 0.00	74.77 -0.74 0.00	53.96 -0.44 0.00	29.51 -0.23 0.00	34.79 -0.22 0.05	37.99 -0.16 0.45	36.87 -0.16 0.51	35.98 -0.16 0.00	41.36 -0.15 0.00
CH_RES_NIAGARA 23895	19.01 -2.37 14.78	18.87 -2.78 14.15	14.54 -2.57 14.94	15.85 -2.46 13.42	15.83 -2.46 13.44	17.39 -2.69 14.44	20.01 -3.04 14.25	23.46 -3.17 14.49	35.59 -3.72 1.55	37.41 -3.88 0.41	31.94 -3.34 0.88	31.04 -3.11 0.02	33.23 -3.73 0.01	34.36 -4.03 1.05	35.62 -4.82 6.29	43.58 -5.13 2.75	52.05 -7.48 15.97	46.16 -5.59 2.66	26.00 -3.19 0.55	29.87 -4.03 1.15	33.19 -4.01 1.41	27.35 -4.03 6.16	32.35 -3.59 0.20	34.73 -3.55 3.23
CH_RES_SYRACUSE 23985	35.92 0.03 0.27	35.68 -0.12 0.00	31.19 -0.11 0.74	31.65 -0.08 0.00	31.64 -0.08 0.00	34.18 -0.07 0.27	37.30 -0.07 -0.07	42.97 -0.08 -1.93	42.75 -0.12 -2.00	43.67 -0.19 -2.15	36.62 -0.16 -0.63	33.98 -0.18 0.00	36.72 -0.25 0.00	38.75 -0.45 0.23	46.12 -0.61 0.00	50.75 -0.71 0.00	69.32 -1.01 5.17	52.82 -0.65 0.93	29.44 -0.30 0.00	34.64 -0.41 0.00	38.18 -0.40 0.03	35.32 -0.42 1.80	35.66 -0.40 0.07	40.45 -0.35 0.72
CLINTON_WT_PWR 323605	32.69 -1.35 2.12	30.35 -1.12 4.34	26.82 -1.14 4.09	26.53 -1.13 4.07	26.66 -0.99 4.07	29.75 -1.03 3.75	32.85 -1.03 3.42	36.26 -1.21 3.65	36.82 -1.03 3.01	37.05 -1.17 3.49	31.81 -1.30 3.05	29.56 -1.39 3.22	32.25 -1.37 3.35	34.83 -1.14 3.47	41.52 -1.38 3.83	46.20 -1.39 3.87	68.34 -2.19 4.97	48.92 -1.30 4.19	26.10 -0.62 3.02	32.22 -0.33 2.50	37.16 -0.12 1.33	35.93 -0.12 1.49	35.90 -0.23 0.00	41.24 -0.28 0.00
CLINTON___LFGE 323618	33.16 -0.67 2.33	30.54 -0.50 4.76	26.97 -0.59 4.49	26.67 -0.59 4.47	26.79 -0.46 4.47	30.14 -0.30 4.09	33.65 -0.23 3.42	37.17 -0.31 3.65	37.61 -0.25 3.01	31.93 -0.30 9.47	32.46 -0.64 3.05	30.04 -0.90 3.22	32.75 -0.88 3.35	35.47 -0.50 3.47	42.38 -0.52 3.83	47.10 -0.48 3.87	69.69 -0.84 4.97	49.83 -0.39 4.19	26.58 -0.13 3.02	32.96 0.42 2.51	37.94 0.79 1.46	36.63 0.72 1.64	36.57 0.43 0.00	41.92 0.41 0.00
COBBLENY_34_KV_TB1 80064	16.64 -1.51 18.01	16.49 -2.01 17.31	12.07 -1.89 18.09	13.53 -1.79 16.41	13.47 -1.82 16.43	15.00 -1.93 17.60	17.94 -2.05 17.30	21.58 -1.91 17.64	36.80 -2.09 1.97	38.92 -2.26 0.52	33.09 -1.97 1.10	32.39 -1.78 0.00	34.70 -2.28 0.00	35.62 -2.56 1.25	35.68 -3.10 7.95	44.71 -3.26 3.48	52.27 -5.06 18.17	47.76 -3.61 3.04	27.00 -2.04 0.70	30.93 -2.70 1.43	34.19 -2.65 1.77	27.68 -2.68 7.18	33.50 -2.41 0.23	35.30 -2.52 3.69
COFFEEN___115KV_TB3 355620	19.11 -1.13 15.92	1.66 -1.56 32.59	-0.10 -1.43 30.72	-0.26 -1.45 30.54	-0.25 -1.41 30.57	4.35 -1.38 28.79	2.21 -1.26 33.83	4.77 -1.28 35.07	10.82 -1.37 28.68	4.84 -1.69 35.18	4.34 -1.95 29.87	0.06 -2.19 31.92	0.89 -2.86 33.23	1.98 -3.07 34.38	5.09 -3.64 37.98	8.93 -4.12 38.40	21.53 -4.83 49.14	10.08 -2.81 41.51	-1.74 -1.49 29.99	9.30 -1.31 24.44	27.36 -1.27 9.97	24.98 -1.34 11.22	35.59 -0.55 0.00	41.43 -0.08 0.00
COLDSPRG_115KV_BK1 355956	18.64 -0.91 16.61	18.38 -1.56 15.87	13.73 -1.44 16.88	15.44 -1.25 15.04	15.47 -1.20 15.05	17.24 -1.06 16.23	20.72 -0.71 15.86	24.77 -0.18 16.17	38.73 -0.33 1.80	40.79 -0.43 0.48	34.82 -0.34 1.01	33.93 -0.24 0.00	36.48 -0.50 0.00	37.37 -0.82 1.24	38.36 -1.07 7.29	47.08 -1.19 3.19	54.47 -2.29 18.74	49.58 -1.67 3.16	28.20 -0.91 0.64	32.38 -1.36 1.31	35.67 -1.30 1.64	28.76 -1.47 7.31	34.52 -1.38 0.24	36.19 -1.56 3.76
COLONIE_LFGE___ 323577	37.73 1.57 0.00	37.46 1.66 0.00	33.58 1.53 0.00	33.22 1.49 0.00	33.20 1.48 0.00	36.15 1.62 0.00	39.11 1.81 0.00	43.03 1.91 0.00	42.73 1.86 0.00	43.72 2.01 0.00	37.90 1.74 0.00	35.80 1.64 0.00	38.70 1.73 0.00	41.11 1.68 0.00	48.82 2.09 0.00	53.66 2.20 0.00	78.81 3.31 0.00	59.37 2.26 -2.71	31.50 1.20 -0.55	36.50 1.45 0.00	40.26 1.65 0.00	39.18 1.64 0.00	37.73 1.59 0.00	43.09 1.58 0.00
COOPERNY_115KV_TB1 80082	38.62 2.15 -0.31	37.83 2.02 0.00	34.71 1.81 -0.85	33.46 1.73 0.00	33.48 1.76 0.00	36.79 1.95 -0.31	39.56 2.27 0.00	43.75 2.62 0.00	43.57 2.71 0.00	44.64 2.94 0.00	37.26 2.75 1.64	26.75 2.84 10.25	35.68 3.03 4.32	26.06 3.08 16.45	14.80 3.88 35.80	42.65 4.19 13.00	60.81 6.37 21.06	15.34 4.31 43.37	-11.33 2.08 43.15	13.76 2.36 23.65	31.03 2.60 10.17	42.13 2.52 -2.06	38.51 2.29 -0.08	44.42 2.15 -0.76
COPENHAGEN_WT_PWR 323753	19.48 -1.65 15.03	2.95 -2.10 30.76	1.15 -1.90 29.00	0.98 -1.92 28.83	1.00 -1.87 28.85	5.45 -1.90 27.18	3.50 -1.87 31.92	6.17 -1.96 33.00	11.87 -2.03 26.95	6.29 -2.33 33.08	5.58 -2.42 28.15	1.45 -2.58 30.13	2.42 -3.20 31.36	3.53 -3.46 32.45	6.81 -4.07 35.85	10.67 -4.54 36.25	23.75 -5.40 46.36	11.81 -3.41 39.18	-0.41 -1.84 28.31	10.21 -1.78 23.07	27.34 -1.86 9.41	25.10 -1.86 10.59	35.27 -0.87 0.00	41.17 -0.34 0.00
CORNELL_____ 23752	41.57 0.72 -4.68	41.77 0.48 -5.48	35.54 0.44 -3.05	37.35 0.47 -5.15	37.34 0.50 -5.12	39.63 0.59 -4.51	43.45 0.70 -5.45	48.55 0.83 -6.60	43.35 0.80 -1.69	43.77 0.74 -1.33	37.45 0.62 -0.67	34.67 0.51 0.00	37.45 0.47 0.00	39.37 0.37 0.44	49.45 0.33 -2.39	52.81 0.30 -1.04	63.44 0.52 12.58	49.81 0.48 5.07	29.68 0.28 0.34	35.82 0.33 -0.43	39.56 0.51 -0.44	33.78 0.38 4.15	36.28 0.32 0.18	39.01 0.25 2.75

CORONA V_69_KV_TB1 355595	45.99 3.69 -6.13	39.27 3.47 0.00	35.64 3.01 -0.57	34.57 2.84 0.00	34.63 2.91 0.00	37.98 3.25 -0.21	41.11 3.81 0.00	45.50 4.37 0.00	45.50 4.58 -0.06	47.26 4.90 -0.66	150.20 4.52 -109.53	137.17 4.58 -98.42	269.62 4.99 -227.65	297.31 5.13 -252.75	374.44 6.26 -321.45	469.56 6.67 -411.43	495.00 9.93 -409.56	442.88 6.76 -381.72	436.34 3.34 -403.26	322.31 3.88 -283.37	236.11 4.28 -193.22	236.48 4.26 -194.68	423.94 3.86 -383.94	45.09 3.57 -0.01
CORTLAND_115KV_TB3 80093	36.31 0.49 0.34	36.08 0.28 0.00	31.37 0.26 0.94	32.02 0.29 0.00	32.04 0.31 0.00	34.58 0.40 0.34	37.80 0.47 -0.04	42.81 0.59 -1.09	42.59 0.59 -1.13	43.48 0.56 -1.22	36.98 0.47 -0.36	34.56 0.39 0.00	37.34 0.36 0.00	39.39 0.24 0.29	46.95 0.22 0.00	51.61 0.15 0.00	69.20 0.25 6.55	53.51 0.28 1.18	29.92 0.18 0.00	35.25 0.20 0.00	38.86 0.29 0.04	35.45 0.19 2.29	36.23 0.18 0.09	41.65 0.14 0.00
COXSACKIE__GT 23611	38.70 2.53 0.00	38.31 2.50 0.00	34.33 2.28 0.00	33.98 2.25 0.00	33.98 2.26 0.00	37.02 2.50 0.00	40.06 2.76 0.00	44.17 3.04 0.00	43.23 2.37 0.00	43.76 2.06 0.00	38.31 2.16 0.00	36.06 1.90 0.00	39.09 2.12 0.00	41.56 2.12 0.00	49.15 2.43 0.00	53.97 2.52 0.00	80.66 5.15 0.00	60.93 3.70 -2.83	32.25 1.94 -0.58	37.39 2.33 0.00	41.28 2.67 0.00	40.00 2.45 0.00	38.40 2.26 0.00	43.95 2.44 0.00
CPV_VALLEY__CC1 323721	38.60 2.19 -0.25	37.86 2.05 0.00	34.57 1.84 -0.68	33.47 1.74 0.00	33.48 1.76 0.00	36.74 1.96 -0.25	39.61 2.31 0.00	43.79 2.67 0.00	43.66 2.79 0.00	44.75 3.05 0.00	37.08 2.87 1.94	27.11 2.97 10.03	35.83 3.18 4.32	26.65 3.24 16.03	16.19 4.09 34.63	43.25 4.36 12.57	60.73 6.62 21.40	11.55 4.47 47.33	-17.10 2.15 48.99	10.87 2.44 26.62	29.82 2.68 11.47	41.78 2.60 -1.63	38.54 2.34 -0.06	43.71 2.20 0.00
CPV_VALLEY__CC2 323722	38.60 2.19 -0.25	37.86 2.05 0.00	34.57 1.84 -0.68	33.47 1.74 0.00	33.48 1.76 0.00	36.74 1.96 -0.25	39.61 2.31 0.00	43.79 2.67 0.00	43.66 2.79 0.00	44.75 3.05 0.00	37.08 2.87 1.94	27.11 2.97 10.03	35.83 3.18 4.32	26.65 3.24 16.03	16.19 4.09 34.63	43.25 4.36 12.57	60.73 6.62 21.40	11.55 4.47 47.33	-17.10 2.15 48.99	10.87 2.44 26.62	29.82 2.68 11.47	41.78 2.60 -1.63	38.54 2.34 -0.06	43.71 2.20 0.00
CRESCENT__HYD 24018	37.73 1.57 0.00	37.46 1.66 0.00	33.58 1.53 0.00	33.22 1.49 0.00	33.20 1.48 0.00	36.15 1.62 0.00	39.11 1.81 0.00	43.03 1.91 0.00	42.73 1.86 0.00	43.72 2.01 0.00	37.90 1.74 0.00	35.80 1.64 0.00	38.70 1.73 0.00	41.11 1.68 0.00	48.82 2.09 0.00	53.66 2.20 0.00	78.81 3.31 0.00	59.37 2.26 -2.71	31.50 1.20 -0.55	36.50 1.45 0.00	40.26 1.65 0.00	39.18 1.64 0.00	37.73 1.59 0.00	43.09 1.58 0.00
CRICKET__VALLEY_CC1 323756	38.60 2.24 -0.19	37.88 2.08 0.00	34.44 1.86 -0.53	33.50 1.77 0.00	33.50 1.78 0.00	36.75 2.03 -0.19	39.75 2.45 0.00	44.02 2.90 0.00	43.92 3.06 0.00	44.99 3.29 0.00	39.48 3.05 -0.27	41.53 3.11 -4.25	42.07 3.43 -1.67	50.11 3.46 -7.21	66.34 4.34 -15.27	61.73 4.73 -5.54	97.92 7.22 -15.20	77.42 4.79 -18.23	55.27 2.30 -23.22	50.79 2.56 -13.17	47.13 2.82 -5.71	41.61 2.78 -1.29	38.70 2.51 -0.05	43.93 2.41 0.00
CRICKET__VALLEY_CC2 323757	38.60 2.24 -0.19	37.88 2.08 0.00	34.44 1.86 -0.53	33.50 1.77 0.00	33.50 1.78 0.00	36.75 2.03 -0.19	39.75 2.45 0.00	44.02 2.90 0.00	43.92 3.06 0.00	44.99 3.29 0.00	39.48 3.05 -0.27	41.53 3.11 -4.25	42.07 3.43 -1.67	50.11 3.46 -7.21	66.34 4.34 -15.27	61.73 4.73 -5.54	97.92 7.22 -15.20	77.42 4.79 -18.23	55.27 2.30 -23.22	50.79 2.56 -13.17	47.13 2.82 -5.71	41.61 2.78 -1.29	38.70 2.51 -0.05	43.93 2.41 0.00
CRICKET__VALLEY_CC3 323758	38.60 2.24 -0.19	37.88 2.08 0.00	34.44 1.86 -0.53	33.50 1.77 0.00	33.50 1.78 0.00	36.75 2.03 -0.19	39.75 2.45 0.00	44.02 2.90 0.00	43.92 3.06 0.00	44.99 3.29 0.00	39.48 3.05 -0.27	41.53 3.11 -4.25	42.07 3.43 -1.67	50.11 3.46 -7.21	66.34 4.34 -15.27	61.73 4.73 -5.54	97.92 7.22 -15.20	77.42 4.79 -18.23	55.27 2.30 -23.22	50.79 2.56 -13.17	47.13 2.82 -5.71	41.61 2.78 -1.29	38.70 2.51 -0.05	43.93 2.41 0.00
CRUCIBLE_METL_DRP 24180	35.92 0.03 0.27	35.68 -0.13 0.00	31.20 -0.11 0.74	31.65 -0.08 0.00	31.64 -0.08 0.00	34.18 -0.07 0.27	37.30 -0.07 -0.07	42.97 -0.08 -1.93	42.75 -0.11 -2.00	43.67 -0.19 -2.15	36.62 -0.16 -0.63	33.98 -0.18 0.00	36.72 -0.25 0.23	38.75 -0.45 0.00	46.11 -0.61 0.00	50.75 -0.70 5.17	69.33 -1.01 0.93	52.83 -0.65 0.00	29.44 -0.30 0.00	34.64 -0.41 0.00	38.18 -0.40 0.03	35.32 -0.42 1.80	35.67 -0.40 0.07	40.46 -0.34 0.72
DAHOWA__HYDRO 323763	38.56 2.40 0.00	38.21 2.40 0.00	34.22 2.17 0.00	33.84 2.11 0.00	33.84 2.11 0.00	36.94 2.42 0.00	40.05 2.75 0.00	44.12 3.00 0.00	43.71 2.84 0.00	44.87 3.16 0.00	38.71 2.55 0.00	36.55 2.39 0.00	39.41 2.43 0.00	41.78 2.34 0.00	49.50 2.77 0.00	54.60 3.14 0.00	80.20 4.69 0.00	60.52 3.60 -2.52	32.28 2.02 -0.51	37.42 2.36 0.00	41.27 2.66 0.00	40.19 2.64 0.00	38.57 2.43 0.00	44.03 2.52 0.00
DANC__LFGE 323619	24.83 -1.22 10.12	13.56 -1.54 20.70	11.13 -1.40 19.52	10.94 -1.39 19.40	10.94 -1.36 19.42	14.84 -1.39 18.29	14.42 -1.39 21.48	18.03 -1.50 21.59	21.81 -1.55 17.50	18.38 -1.74 21.58	15.62 -1.78 18.76	12.02 -1.84 20.30	13.56 -2.28 21.13	15.04 -2.53 21.86	19.57 -3.00 24.16	23.67 -3.36 24.42	40.33 -4.12 31.04	25.29 -2.72 26.40	9.23 -1.43 19.07	18.04 -1.47 15.54	30.71 -1.57 6.33	28.85 -1.56 7.13	35.24 -0.90 0.00	40.97 -0.54 0.00
DANSKAMMER__1 23586	39.41 3.04 -0.21	38.66 2.85 0.00	35.16 2.54 -0.57	34.15 2.42 0.00	34.15 2.43 0.00	37.43 2.70 -0.21	40.44 3.14 0.00	44.79 3.66 0.00	44.67 3.81 0.00	45.81 4.10 0.00	40.45 3.78 -0.51	45.96 3.88 -7.91	44.28 4.23 -3.07	56.86 4.30 -13.13	80.14 5.33 -28.08	67.52 5.87 -10.19	109.57 8.96 -25.10	85.33 6.00 -24.93	54.88 2.94 -22.20	51.19 3.32 -12.82	47.80 3.64 -5.56	42.45 3.53 -1.38	39.39 3.20 -0.05	44.60 3.09 0.00
DANSKAMMER__2 23589	39.41 3.04 -0.21	38.66 2.85 0.00	35.16 2.54 -0.57	34.15 2.42 0.00	34.15 2.43 0.00	37.43 2.70 -0.21	40.44 3.14 0.00	44.79 3.66 0.00	44.67 3.81 0.00	45.81 4.10 0.00	40.45 3.78 -0.51	45.96 3.88 -7.91	44.28 4.23 -3.07	56.86 4.30 -13.13	80.14 5.33 -28.08	67.52 5.87 -10.19	109.57 8.96 -25.10	85.33 6.00 -24.93	54.88 2.94 -22.20	51.19 3.32 -12.82	47.80 3.64 -5.56	42.45 3.53 -1.38	39.39 3.20 -0.05	44.60 3.09 0.00
DANSKAMMER__3 23590	39.41 3.04 -0.21	38.66 2.85 0.00	35.16 2.54 -0.57	34.15 2.42 0.00	34.15 2.43 0.00	37.43 2.70 -0.21	40.44 3.14 0.00	44.79 3.66 0.00	44.67 3.81 0.00	45.81 4.10 0.00	40.45 3.78 -0.51	45.96 3.88 -7.91	44.28 4.23 -3.07	56.86 4.30 -13.13	80.14 5.33 -28.08	67.52 5.87 -10.19	109.57 8.96 -25.10	85.33 6.00 -24.93	54.88 2.94 -22.20	51.19 3.32 -12.82	47.80 3.64 -5.56	42.45 3.53 -1.38	39.39 3.20 -0.05	44.60 3.09 0.00

DANSKAMMER___4 23591	39.41 3.04 -0.21	38.66 2.85 0.00	35.16 2.54 -0.57	34.15 2.42 0.00	34.15 2.43 0.00	37.43 2.70 -0.21	40.44 3.14 0.00	44.79 3.66 0.00	44.67 3.81 0.00	45.81 4.10 0.00	40.45 3.78 -0.51	45.96 3.88 -7.91	44.28 4.23 -3.07	56.86 4.30 -13.13	80.14 5.33 -28.08	67.52 5.87 -10.19	109.57 8.96 -25.10	85.33 6.00 -24.93	54.88 2.94 -22.20	51.19 3.32 -12.82	47.80 3.64 -5.56	42.45 3.53 -1.38	39.39 3.20 -0.05	44.60 3.09 0.00
DANSKAMMER___DIESEL 23592	39.41 3.04 -0.21	38.66 2.86 0.00	35.16 2.54 -0.57	34.15 2.42 0.00	34.15 2.43 0.00	37.43 2.70 -0.21	40.44 3.15 0.00	44.79 3.67 0.00	44.67 3.80 0.00	45.81 4.10 0.00	40.45 3.79 -0.51	45.96 3.89 -7.91	44.28 4.23 -3.07	56.86 4.30 -13.13	80.14 5.33 -28.08	67.53 5.88 -10.19	109.56 8.95 -25.10	85.33 6.00 -24.93	54.89 2.95 -22.20	51.20 3.32 -12.82	47.80 3.64 -5.56	42.45 3.52 -1.38	39.39 3.20 -0.05	44.60 3.09 0.00
DARBY___SOLAR 323810	38.37 2.20 0.00	38.04 2.23 0.00	34.06 2.02 0.00	33.70 1.97 0.00	33.70 1.97 0.00	36.76 2.24 0.00	39.84 2.54 0.00	43.86 2.74 0.00	43.48 2.62 0.00	44.60 2.90 0.00	38.51 2.36 0.00	36.36 2.20 0.00	39.25 2.28 0.00	41.63 2.19 0.00	49.35 2.63 0.00	54.39 2.94 0.00	79.91 4.40 0.00	60.23 3.28 -2.54	32.09 1.83 -0.52	37.20 2.14 0.00	41.03 2.42 0.00	39.93 2.39 0.00	38.36 2.23 0.00	43.82 2.31 0.00
DASHVILLE___HYD 23610	38.84 2.48 -0.20	38.15 2.34 0.00	34.69 2.09 -0.56	33.75 2.02 0.00	33.75 2.02 0.00	36.94 2.21 -0.20	39.89 2.59 0.00	44.10 2.98 0.00	43.98 3.12 0.00	45.08 3.38 0.00	39.50 3.12 -0.22	40.86 3.22 -3.48	42.00 3.62 -1.41	49.29 3.63 -6.23	64.46 4.60 -13.13	61.15 4.93 -4.77	96.74 7.48 -13.76	72.02 4.95 -12.67	32.72 2.38 -0.60	37.72 2.67 0.00	41.55 2.92 -0.02	41.77 2.88 -1.35	38.79 2.60 -0.05	43.99 2.48 0.00
DELAWARE___LFGE 323621	37.93 1.14 -0.62	36.84 1.04 0.00	34.74 0.98 -1.71	32.78 1.05 0.00	32.79 1.07 0.00	36.29 1.15 -0.62	38.54 1.23 -0.01	42.94 1.46 -0.36	42.73 1.50 -0.37	43.68 1.58 -0.40	37.71 1.44 -0.12	35.51 1.34 0.00	38.39 1.41 0.00	41.35 1.38 -0.53	48.56 1.83 0.00	53.44 1.98 0.00	90.33 2.98 -11.85	53.46 2.03 2.97	19.36 1.03 11.41	29.96 1.17 6.27	37.31 1.34 2.64	42.93 1.26 -4.13	37.45 1.15 -0.16	44.48 1.06 -1.91
DERFIELD_115KV_TB7 355931	38.17 0.26 -1.75	39.62 0.24 -3.57	35.66 0.23 -3.37	35.33 0.25 -3.35	35.31 0.23 -3.35	37.94 0.26 -3.15	41.15 0.28 -3.57	45.26 0.33 -3.81	44.33 0.33 -3.14	45.88 0.34 -3.84	39.63 0.29 -3.19	37.80 0.27 -3.36	40.77 0.29 -3.50	43.31 0.25 -3.62	51.05 0.32 -4.00	55.83 0.33 -4.05	81.21 0.48 -5.22	59.10 0.32 -4.38	33.08 0.17 -3.16	37.85 0.21 -2.58	39.94 0.23 -1.10	39.00 0.22 -1.23	36.38 0.24 0.00	41.76 0.25 0.00
DOGLEVILLE___HYD 23807	40.90 2.99 -1.75	42.39 3.01 -3.57	38.32 2.90 -3.37	37.90 2.82 -3.35	37.83 2.75 -3.35	40.56 2.89 -3.15	43.77 2.90 -3.57	48.21 3.27 -3.81	47.28 3.28 -3.14	48.59 3.05 -3.84	41.93 2.59 -3.19	39.53 2.00 -3.36	43.03 2.55 -3.50	45.72 2.66 -3.62	54.06 3.34 -4.00	58.42 2.92 -4.05	85.40 4.67 -5.22	61.93 3.15 -4.38	34.93 2.03 -3.16	40.31 2.67 -2.58	42.63 2.93 -1.10	41.58 2.80 -1.23	38.76 2.62 0.00	43.96 2.45 0.00
DUNKIRK___115KV_TB_200 55889	15.89 -1.60 18.67	15.53 -2.29 17.98	11.28 -2.07 18.70	12.78 -1.91 17.04	12.78 -1.88 17.06	14.46 -1.82 18.24	17.68 -1.62 17.99	21.61 -1.17 18.34	37.59 -1.22 2.05	39.83 -1.33 0.54	33.91 -1.11 1.14	33.24 -0.93 0.00	35.70 -1.27 0.00	36.51 -1.65 1.27	36.43 -2.00 8.29	45.73 -2.10 3.63	53.58 -3.67 18.26	48.83 -2.53 3.05	27.61 -1.40 0.73	31.57 -2.00 1.49	34.77 -1.99 1.84	28.13 -2.15 7.26	33.97 -1.93 0.23	35.65 -2.13 3.73
DUNKIRK___1 23563	15.89 -1.60 18.67	15.53 -2.29 17.98	11.28 -2.07 18.70	12.78 -1.91 17.04	12.78 -1.88 17.06	14.46 -1.82 18.24	17.68 -1.62 17.99	21.61 -1.17 18.34	37.59 -1.22 2.05	39.83 -1.33 0.54	33.91 -1.11 1.14	33.24 -0.93 0.00	35.70 -1.27 0.00	36.51 -1.65 1.27	36.43 -2.00 8.29	45.73 -2.10 3.63	53.58 -3.67 18.26	48.83 -2.53 3.05	27.61 -1.40 0.73	31.57 -2.00 1.49	34.77 -1.99 1.84	28.13 -2.15 7.26	33.97 -1.93 0.23	35.65 -2.13 3.73
DUNKIRK___2 23564	15.89 -1.60 18.67	15.53 -2.29 17.98	11.28 -2.07 18.70	12.78 -1.91 17.04	12.78 -1.88 17.06	14.46 -1.82 18.24	17.68 -1.62 17.99	21.61 -1.17 18.34	37.59 -1.22 2.05	39.83 -1.33 0.54	33.91 -1.11 1.14	33.24 -0.93 0.00	35.70 -1.27 0.00	36.51 -1.65 1.27	36.43 -2.00 8.29	45.73 -2.10 3.63	53.58 -3.67 18.26	48.83 -2.53 3.05	27.61 -1.40 0.73	31.57 -2.00 1.49	34.77 -1.99 1.84	28.13 -2.15 7.26	33.97 -1.93 0.23	35.65 -2.13 3.73
DUNKIRK___3 23565	15.55 -1.60 19.01	15.26 -2.23 18.33	11.02 -2.02 19.01	12.48 -1.88 17.37	12.46 -1.87 17.39	14.07 -1.88 18.57	17.17 -1.79 18.34	20.96 -1.46 18.70	37.21 -1.56 2.09	39.46 -1.69 0.56	33.55 -1.44 1.17	32.92 -1.24 0.00	35.34 -1.63 0.00	36.17 -1.98 1.28	35.89 -2.37 8.46	45.24 -2.51 3.70	53.05 -4.19 18.27	48.40 -2.96 3.05	27.35 -1.65 0.74	31.27 -2.27 1.52	34.45 -2.28 1.88	27.88 -2.39 7.28	33.76 -2.15 0.23	35.43 -2.34 3.75
DUNKIRK___4 23566	15.55 -1.60 19.01	15.26 -2.23 18.33	11.02 -2.02 19.01	12.48 -1.88 17.37	12.46 -1.87 17.39	14.07 -1.88 18.57	17.17 -1.79 18.34	20.96 -1.46 18.70	37.21 -1.56 2.09	39.46 -1.69 0.56	33.55 -1.44 1.17	32.92 -1.24 0.00	35.34 -1.63 0.00	36.17 -1.98 1.28	35.89 -2.37 8.46	45.24 -2.51 3.70	53.05 -4.19 18.27	48.40 -2.96 3.05	27.35 -1.65 0.74	31.27 -2.27 1.52	34.45 -2.28 1.88	27.88 -2.39 7.28	33.76 -2.15 0.23	35.43 -2.34 3.75
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	39.49 3.11 -0.21	38.75 2.94 0.00	35.24 2.62 -0.57	34.21 2.48 0.00	34.23 2.50 0.00	37.51 2.77 -0.21	40.54 3.25 0.00	44.89 3.77 0.00	44.83 3.97 0.00	46.02 4.32 0.00	52.19 4.00 -12.03	53.52 4.03 -15.33	50.60 4.36 -9.27	65.58 4.44 -21.70	93.95 5.46 -41.77	72.50 5.88 -15.16	119.71 8.78 -35.43	101.23 5.97 -40.86	74.86 2.80 -42.32	61.76 3.19 -23.52	52.34 3.56 -10.17	42.48 3.55 -1.38	39.45 3.26 -0.05	44.62 3.11 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	39.27 2.89 -0.22	38.51 2.70 0.00	35.05 2.40 -0.61	34.00 2.28 0.00	34.01 2.28 0.00	37.29 2.55 -0.22	40.28 2.98 0.00	44.59 3.46 0.00	44.43 3.57 0.00	45.54 3.84 0.00	39.89 3.55 -0.18	50.80 3.66 -12.97	45.85 3.99 -4.89	65.38 4.05 -21.90	99.10 5.02 -47.36	74.19 5.54 -17.19	123.86 8.49 -39.86	96.00 5.73 -35.87	58.52 2.80 -25.98	53.61 3.16 -15.40	48.74 3.46 -6.67	42.37 3.36 -1.46	39.23 3.03 -0.06	44.44 2.92 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	39.61 3.24 -0.21	38.83 3.03 0.00	35.34 2.72 -0.57	34.30 2.58 0.00	34.31 2.59 0.00	37.60 2.87 -0.21	40.65 3.36 0.00	45.01 3.89 0.00	44.98 4.12 0.00	46.18 4.48 0.00	68.65 4.10 -28.39	58.99 4.10 -20.72	57.56 4.48 -16.11	68.90 4.50 -24.96	93.98 5.51 -41.74	69.40 6.34 -11.61	109.60 9.42 -24.68	97.45 6.45 -36.60	75.23 2.77 -42.72	61.74 3.18 -23.51	52.45 3.67 -10.17	42.65 3.72 -1.38	39.56 3.36 -0.05	44.53 3.02 0.00

E179THST_13_KV_LOAD 356214	39.85 3.48 -0.21	39.05 3.24 0.00	35.53 2.91 -0.57	34.49 2.76 0.00	34.49 2.77 0.00	37.80 3.07 -0.21	40.87 3.58 0.00	45.29 4.16 0.00	45.26 4.39 0.00	46.46 4.76 0.00	68.90 4.36 -28.39	59.23 4.34 -20.72	57.84 4.75 -16.11	69.19 4.79 -24.96	94.32 5.85 -41.74	69.79 6.72 -11.61	110.17 9.98 -24.68	97.85 6.85 -36.60	75.45 2.99 -42.72	61.98 3.42 -23.51	52.72 3.94 -10.17	42.90 3.97 -1.38	39.79 3.60 -0.05	44.79 3.27 0.00
EAST HAMPTON___GT 23717	45.52 3.23 -6.13	38.90 3.09 0.00	35.28 2.66 -0.57	34.19 2.46 0.00	34.47 2.75 0.00	37.87 3.14 -0.21	40.93 3.63 0.00	45.27 4.14 0.00	45.26 4.33 -0.06	46.73 4.37 -0.66	79.96 4.21 -39.60	61.45 3.79 -23.49	86.52 4.12 -45.43	104.60 4.33 -60.83	243.69 5.32 -191.65	436.99 5.39 -380.15	457.90 8.25 -374.14	407.48 5.31 -347.77	375.13 2.70 -342.69	104.87 3.67 -66.14	100.94 4.47 -57.86	100.28 4.13 -58.61	368.85 3.65 -329.06	45.19 3.68 0.00
EAST RIVER___6 23660	39.72 3.35 -0.21	38.95 3.15 0.00	35.42 2.80 -0.57	34.38 2.66 0.00	34.39 2.67 0.00	37.68 2.95 -0.21	40.77 3.47 0.00	45.15 4.02 0.00	45.16 4.30 0.00	46.43 4.72 0.00	70.15 4.35 -29.65	59.68 4.36 -21.15	58.30 4.69 -16.63	69.46 4.79 -25.23	94.39 5.89 -41.77	85.57 6.33 -27.79	153.65 9.42 -68.73	116.51 6.38 -55.73	75.23 2.91 -42.57	61.90 3.33 -23.52	52.52 3.74 -10.17	42.70 3.77 -1.38	39.63 3.44 -0.05	44.75 3.23 0.00
EAST RIVER___7 23524	39.72 3.35 -0.21	38.95 3.15 0.00	35.42 2.80 -0.57	34.38 2.66 0.00	34.39 2.67 0.00	37.68 2.95 -0.21	40.77 3.47 0.00	45.15 4.02 0.00	45.16 4.30 0.00	46.43 4.72 0.00	70.15 4.35 -29.65	59.68 4.36 -21.15	58.30 4.69 -16.63	69.46 4.79 -25.23	94.39 5.89 -41.77	85.57 6.33 -27.79	153.65 9.42 -68.73	116.51 6.38 -55.73	75.23 2.91 -42.57	61.90 3.33 -23.52	52.52 3.74 -10.17	42.70 3.77 -1.38	39.63 3.44 -0.05	44.75 3.23 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	39.35 2.98 -0.21	38.63 2.82 0.00	35.14 2.51 -0.57	34.11 2.38 0.00	34.12 2.40 0.00	37.39 2.66 -0.21	40.43 3.13 0.00	44.76 3.63 0.00	44.68 3.82 0.00	45.86 4.16 0.00	35.26 3.85 4.75	48.28 3.90 -10.22	43.60 4.21 -2.42	62.81 4.30 -19.08	95.41 5.30 -43.39	72.93 5.72 -15.75	120.73 8.57 -36.66	102.40 5.81 -42.19	74.53 2.73 -42.05	62.16 3.11 -24.00	52.45 3.46 -10.38	42.36 3.43 -1.39	39.33 3.14 -0.05	44.50 2.99 0.00
EAST_HAMPTON___DIESEL 23722	45.45 3.16 -6.13	38.82 3.02 0.00	35.22 2.59 -0.57	34.13 2.40 0.00	34.41 2.68 0.00	37.80 3.07 -0.21	40.86 3.56 0.00	45.18 4.06 0.00	45.18 4.25 -0.06	46.65 4.29 -0.66	79.89 4.14 -39.60	61.38 3.72 -23.49	86.45 4.05 -45.43	104.52 4.26 -60.83	243.60 5.23 -191.65	436.91 5.31 -380.15	457.77 8.13 -374.14	407.40 5.23 -347.77	375.09 2.66 -342.69	104.80 3.61 -66.14	100.88 4.41 -57.86	100.22 4.06 -58.61	368.80 3.60 -329.06	45.15 3.64 0.00
EAST_POINT___SOLAR 323840	38.19 1.83 -0.20	37.58 1.78 0.00	34.20 1.61 -0.55	33.37 1.65 0.00	33.39 1.66 0.00	36.56 1.83 -0.20	39.05 1.76 0.00	43.09 1.96 0.00	42.71 1.85 0.00	43.00 1.30 0.00	37.33 1.18 0.00	34.67 0.51 0.00	38.20 1.22 0.00	40.91 1.31 -0.17	48.15 1.42 0.00	52.63 1.18 0.00	80.40 1.10 -3.80	56.58 1.49 -0.68	30.92 1.18 0.00	36.70 1.64 0.00	40.65 2.03 -0.02	40.78 1.91 -1.32	37.97 1.78 -0.05	43.37 1.85 0.00
EAST_PULASKI___ESR 323781	34.74 -0.38 1.04	33.53 -0.52 1.75	29.40 -0.47 2.17	29.74 -0.35 1.64	29.74 -0.34 1.64	32.40 -0.39 1.74	35.10 -0.51 1.68	43.57 -0.59 -3.04	43.90 -0.55 -3.58	44.80 -0.50 -3.60	35.60 -0.53 0.03	31.91 -0.50 1.76	34.46 -0.68 1.83	36.38 -1.00 2.06	43.36 -1.28 2.09	47.95 -1.39 2.11	65.59 -2.07 7.85	50.32 -1.15 2.94	27.63 -0.46 1.65	33.02 -0.69 1.34	37.34 -0.71 0.55	34.98 -0.69 1.87	35.46 -0.63 0.05	40.98 -0.53 0.00
EAST_RIVER___1 323558	39.67 3.30 -0.21	38.91 3.11 0.00	35.41 2.79 -0.57	34.37 2.64 0.00	34.37 2.65 0.00	37.66 2.92 -0.21	40.73 3.44 0.00	45.11 3.99 0.00	45.11 4.25 0.00	46.35 4.64 0.00	70.09 4.28 -29.65	59.60 4.29 -21.15	58.23 4.62 -16.63	69.38 4.72 -25.23	94.28 5.79 -41.77	85.47 6.22 -27.79	153.49 9.26 -68.73	116.42 6.29 -55.73	75.19 2.87 -42.57	61.87 3.30 -23.52	52.48 3.70 -10.17	42.66 3.73 -1.38	39.59 3.40 -0.05	44.72 3.20 0.00
EAST_RIVER___2 323559	39.72 3.35 -0.21	38.95 3.15 0.00	35.42 2.80 -0.57	34.38 2.66 0.00	34.39 2.67 0.00	37.68 2.95 -0.21	40.77 3.47 0.00	45.15 4.02 0.00	45.16 4.30 0.00	46.43 4.72 0.00	70.15 4.35 -29.65	59.68 4.36 -21.15	58.30 4.69 -16.63	69.46 4.79 -25.23	94.39 5.89 -41.77	85.57 6.33 -27.79	153.65 9.42 -68.73	116.51 6.38 -55.73	75.23 2.91 -42.57	61.90 3.33 -23.52	52.52 3.74 -10.17	42.70 3.77 -1.38	39.63 3.44 -0.05	44.75 3.23 0.00
EAST___DELAWARE_HYD 23607	39.25 2.82 -0.26	38.60 2.79 0.00	35.26 2.49 -0.72	34.12 2.40 0.00	34.15 2.43 0.00	37.49 2.70 -0.26	40.43 3.13 0.00	44.76 3.63 0.00	44.55 3.69 0.00	45.63 3.92 0.00	39.21 3.62 0.56	37.64 3.67 0.19	40.65 3.91 0.23	42.64 3.09 -0.11	50.68 3.95 0.00	55.88 4.43 0.00	87.34 6.85 -4.98	54.72 4.55 4.23	30.82 2.13 1.05	36.73 1.68 0.00	40.62 1.98 -0.03	41.97 2.69 -1.74	38.55 2.35 -0.07	43.62 2.10 0.00
EIGHT_POINT___WT_PWR 323820	92.18 -2.31 -58.32	94.03 -2.20 -60.42	80.79 -2.12 -50.85	86.56 -2.37 -57.20	86.80 -2.15 -57.22	88.89 -2.46 -56.82	95.54 -2.20 -60.44	101.30 -1.88 -62.05	46.52 -1.55 -7.21	42.65 -1.41 -2.36	38.91 -1.12 -3.88	33.09 -1.08 0.00	35.32 -1.65 0.00	37.79 -2.13 -0.49	71.07 -2.57 -26.91	60.71 -2.51 -11.76	50.64 -3.41 21.45	44.81 -2.35 7.24	30.43 -1.18 -1.87	38.20 -1.68 -4.83	42.60 -1.56 -5.55	31.08 -1.63 4.84	34.19 -1.58 0.37	32.31 -1.91 7.30
ELBRIDGE_115KV_TB2 80188	35.71 -0.15 0.30	35.51 -0.30 0.00	30.97 -0.25 0.82	31.50 -0.23 0.00	31.49 -0.23 0.00	33.97 -0.26 0.30	37.12 -0.25 -0.08	42.85 -0.32 -2.04	42.63 -0.35 -2.12	43.57 -0.41 -2.28	36.46 -0.36 -0.67	33.80 -0.36 0.00	36.52 -0.46 0.00	38.53 -0.65 0.26	45.90 -0.83 0.00	50.51 -0.94 0.00	68.40 -1.38 5.73	52.47 -0.91 1.03	29.30 -0.45 0.00	34.47 -0.59 0.00	37.99 -0.59 0.03	34.98 -0.57 2.00	35.49 -0.57 0.08	40.12 -0.54 0.85
ELEC_TRO_TEK 24086	45.82 3.52 -6.13	39.11 3.30 0.00	35.49 2.87 -0.57	34.43 2.70 0.00	34.50 2.78 0.00	37.84 3.11 -0.21	40.95 3.65 0.00	45.33 4.20 0.00	45.31 4.39 -0.06	47.05 4.69 -0.66	113.83 4.31 -73.37	98.20 4.36 -59.68	175.15 4.75 -133.42	197.80 4.86 -153.50	306.99 5.93 -254.33	453.08 6.37 -395.25	476.23 9.49 -391.24	425.01 6.44 -364.16	404.82 3.15 -371.93	209.74 3.65 -171.04	165.87 4.04 -123.22	165.89 4.03 -124.32	395.35 3.65 -355.56	44.84 3.32 0.00
ELLENBURG_WT_PWR 323604	32.69 -1.35 2.12	30.35 -1.12 4.34	26.82 -1.14 4.09	26.53 -1.13 4.07	26.66 -0.99 4.07	29.75 -1.03 3.75	32.85 -1.03 3.42	36.26 -1.21 3.65	36.82 -1.03 3.01	37.05 -1.17 3.49	31.81 -1.30 3.05	29.56 -1.39 3.22	32.25 -1.37 3.35	34.83 -1.14 3.47	41.52 -1.38 3.83	46.20 -1.39 3.87	68.34 -2.19 4.97	48.92 -1.30 4.19	26.10 -0.62 3.02	32.22 -0.33 2.50	37.16 -0.12 1.33	35.93 -0.12 1.49	35.90 -0.23 0.00	41.24 -0.28 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	14.99 -1.84 19.33	14.83 -2.30 18.68	10.68 -2.15 19.22	11.98 -2.04 17.71	11.94 -2.06 17.73	13.44 -2.21 18.88	16.18 -2.39 18.72	19.75 -2.33 19.04	36.12 -2.67 2.07	38.35 -2.81 0.55	32.57 -2.43 1.15	31.95 -2.21 0.00	34.22 -2.76 0.00	35.14 -3.06 1.24	34.67 -3.69 8.37	43.91 -3.89 3.66	52.20 -5.79 17.51	47.25 -4.28 2.87	26.57 -2.44 0.73	30.38 -3.18 1.50	33.62 -3.13 1.85	27.46 -3.16 6.93	33.09 -2.83 0.22	35.06 -2.89 3.56
EMPIRE_CC_1 323656	37.20 1.03 0.00	37.08 1.28 0.00	33.26 1.21 0.00	32.91 1.18 0.00	32.88 1.15 0.00	35.75 1.22 0.00	38.58 1.28 0.00	42.38 1.25 0.00	42.05 1.18 0.00	43.01 1.31 0.00	37.33 1.18 0.00	35.32 1.16 0.00	38.20 1.22 0.00	40.53 1.10 0.00	48.16 1.44 0.00	52.89 1.44 0.00	77.61 2.10 0.00	59.33 1.27 -3.66	40.46 0.69 -10.03	41.50 0.83 -5.61	42.01 0.98 -2.42	38.54 1.00 0.00	37.21 1.07 0.00	42.55 1.04 0.00
EMPIRE_CC_2 323658	37.20 1.03 0.00	37.08 1.28 0.00	33.26 1.21 0.00	32.91 1.18 0.00	32.88 1.15 0.00	35.75 1.22 0.00	38.58 1.28 0.00	42.38 1.25 0.00	42.05 1.18 0.00	43.01 1.31 0.00	37.33 1.18 0.00	35.32 1.16 0.00	38.20 1.22 0.00	40.53 1.10 0.00	48.16 1.44 0.00	52.89 1.44 0.00	77.61 2.10 0.00	59.33 1.27 -3.66	40.46 0.69 -10.03	41.50 0.83 -5.61	42.01 0.98 -2.42	38.54 1.00 0.00	37.21 1.07 0.00	42.55 1.04 0.00
ENORWICH_115KV_TB1 80156	40.80 1.83 -2.80	39.96 1.67 -2.48	36.82 1.54 -3.24	35.78 1.71 -2.34	35.95 1.89 -2.34	39.48 2.22 -2.73	42.16 2.37 -2.49	46.72 2.34 -3.25	44.06 2.16 -1.04	44.51 1.91 -0.89	38.37 1.82 -0.39	35.77 1.61 0.00	38.35 1.38 0.00	41.44 1.63 -0.38	49.67 1.86 -1.09	54.04 2.11 -0.47	86.01 3.37 -7.13	53.59 2.99 3.81	20.43 1.73 11.04	31.06 1.92 5.91	38.78 2.55 2.37	42.20 2.07 -2.59	37.96 1.73 -0.09	44.10 1.33 -1.25
ERIE_ST__34_KV_TB1-2 80199	16.95 -1.50 17.72	16.80 -1.98 17.03	12.40 -1.87 17.79	13.81 -1.77 16.14	13.79 -1.77 16.17	15.31 -1.91 17.31	18.25 -2.05 17.00	21.86 -1.95 17.31	36.73 -2.21 1.92	38.78 -2.42 0.51	32.98 -2.11 1.07	32.23 -1.93 0.00	34.56 -2.41 0.00	35.53 -2.68 1.22	35.77 -3.18 7.77	44.65 -3.40 3.41	52.46 -5.24 17.81	47.62 -3.81 2.97	26.91 -2.15 0.68	30.83 -2.82 1.40	34.08 -2.80 1.73	27.70 -2.82 7.03	33.34 -2.57 0.23	35.23 -2.66 3.62
ERIE_WT_PWR 323693	15.42 -1.65 19.10	15.28 -2.09 18.43	11.00 -2.01 19.04	12.38 -1.88 17.47	12.29 -1.94 17.50	13.82 -2.05 18.65	16.71 -2.16 18.42	20.32 -2.03 18.77	36.46 -2.30 2.09	38.71 -2.44 0.56	32.92 -2.07 1.17	32.32 -1.85 0.00	34.59 -2.39 0.00	35.46 -2.71 1.26	34.94 -3.32 8.47	44.28 -3.47 3.71	52.22 -5.46 17.83	47.56 -3.88 2.96	26.89 -2.10 0.74	30.68 -2.85 1.52	33.91 -2.82 1.88	27.51 -2.91 7.12	33.34 -2.58 0.22	35.21 -2.65 3.65
ESPRGFLD_115KV_TB1 80157	37.52 1.02 -0.33	36.74 0.93 0.00	33.83 0.87 -0.92	32.67 0.94 0.00	32.69 0.97 0.00	35.89 1.04 -0.33	38.33 1.04 0.00	42.37 1.24 0.00	42.27 1.41 0.00	42.95 1.25 0.00	37.14 0.98 0.00	34.90 0.73 0.00	37.85 0.87 0.00	40.64 0.92 -0.28	47.73 1.01 0.00	52.50 1.04 0.00	83.58 1.71 -6.36	56.95 1.39 -1.15	30.59 0.85 0.00	36.10 1.05 0.00	39.91 1.27 -0.04	40.91 1.15 -2.22	37.27 1.04 -0.09	43.44 0.98 -0.95
ETNA_115_KV_TB1_REV_LBMP_C 345029	40.67 0.65 -3.85	40.76 0.43 -4.52	34.93 0.39 -2.49	36.40 0.43 -4.24	36.41 0.46 -4.22	38.79 0.56 -3.71	42.45 0.65 -4.50	47.52 0.75 -5.66	43.20 0.72 -1.62	43.70 0.66 -1.34	37.34 0.56 -0.62	34.62 0.46 0.00	37.39 0.41 0.00	39.38 0.31 0.37	48.98 0.29 -1.97	52.56 0.25 -0.86	65.38 0.43 10.55	50.13 0.42 4.69	29.61 0.25 0.38	35.70 0.28 -0.36	39.40 0.43 -0.36	34.39 0.33 3.48	36.27 0.28 0.15	39.67 0.21 2.05
ETNA____115KV_TB2 80207	40.67 0.65 -3.85	40.76 0.43 -4.52	34.93 0.39 -2.49	36.40 0.43 -4.24	36.41 0.46 -4.22	38.79 0.56 -3.71	42.45 0.65 -4.50	47.52 0.75 -5.66	43.20 0.72 -1.62	43.70 0.66 -1.34	37.34 0.56 -0.62	34.62 0.46 0.00	37.39 0.41 0.00	39.38 0.31 0.37	48.98 0.29 -1.97	52.56 0.25 -0.86	65.38 0.43 10.55	50.13 0.42 4.69	29.61 0.25 0.38	35.70 0.28 -0.36	39.40 0.43 -0.36	34.39 0.33 3.48	36.27 0.28 0.15	39.67 0.21 2.05
EUCLID__115KV_TB2 356179	35.55 -0.41 0.21	35.26 -0.54 0.00	31.01 -0.48 0.57	31.28 -0.45 0.00	31.27 -0.46 0.00	33.83 -0.48 0.21	36.78 -0.54 -0.03	41.40 -0.59 -0.86	41.15 -0.61 -0.89	42.00 -0.66 -0.96	35.85 -0.58 -0.28	33.59 -0.57 0.00	36.29 -0.69 0.00	38.38 -0.88 0.18	45.61 -1.11 0.00	50.22 -1.24 0.00	69.77 -1.76 3.97	52.47 -1.22 0.72	29.12 -0.62 0.00	34.26 -0.79 0.00	37.76 -0.82 0.02	35.32 -0.84 1.38	35.32 -0.76 0.05	40.78 -0.73 0.00
E_CANADA_CAP_HY 24051	37.53 1.13 -0.23	36.93 1.13 0.00	33.73 1.04 -0.64	32.81 1.08 0.00	32.80 1.07 0.00	35.90 1.14 -0.23	38.38 1.09 0.00	42.33 1.21 0.00	42.24 1.38 0.00	42.76 1.06 0.00	36.86 0.71 0.00	34.53 0.36 0.00	37.61 0.64 0.00	40.34 0.70 -0.20	47.34 0.62 0.00	51.96 0.51 0.00	80.84 0.87 -4.47	56.05 0.84 -0.81	30.42 0.68 0.00	36.05 0.99 0.00	39.85 1.22 -0.02	40.24 1.14 -1.56	37.31 1.11 -0.06	42.70 1.18 0.00
E_CANADA_MHWK_HY 24050	40.90 2.99 -1.75	42.39 3.01 -3.57	38.32 2.90 -3.37	37.90 2.82 -3.35	37.84 2.76 -3.35	40.56 2.89 -3.15	43.76 2.90 -3.57	48.20 3.27 -3.81	47.28 3.27 -3.14	48.60 3.06 -3.84	41.93 2.59 -3.19	39.52 2.00 -3.36	43.03 2.56 -3.50	45.72 2.66 -3.62	54.06 3.34 -4.00	58.41 2.91 -4.05	85.39 4.67 -5.22	61.94 3.15 -4.38	34.93 2.03 -3.16	40.31 2.67 -2.58	42.63 2.93 -1.10	41.58 2.80 -1.23	38.76 2.62 0.00	43.96 2.45 0.00
E_FISHKILL__LBMP 23776	38.84 2.48 -0.20	38.14 2.34 0.00	34.69 2.09 -0.55	33.73 2.00 0.00	33.74 2.02 0.00	36.96 2.24 -0.20	39.93 2.63 0.00	44.19 3.06 0.00	44.06 3.19 0.00	45.17 3.47 0.00	41.26 3.23 -1.88	41.03 3.28 -3.59	42.42 3.56 -1.89	48.57 3.62 -5.52	62.07 4.49 -10.86	60.26 4.86 -3.94	94.80 7.30 -12.00	74.81 4.92 -15.49	57.34 2.34 -25.26	52.08 2.65 -14.37	47.76 2.93 -6.23	41.77 2.89 -1.33	38.84 2.65 -0.05	44.04 2.53 0.00
FALCON__SEABRD_CC1 323796	33.31 -0.60 2.25	30.76 -0.44 4.61	27.19 -0.51 4.34	26.88 -0.53 4.32	27.00 -0.40 4.32	30.35 -0.22 3.96	33.75 -0.13 3.42	37.28 -0.20 3.65	37.83 -0.02 3.01	47.77 -0.05 -6.11	32.66 -0.45 3.05	30.21 -0.74 3.22	32.94 -0.69 3.35	35.72 -0.25 3.47	42.67 -0.23 3.83	47.41 -0.18 3.87	70.08 -0.45 4.97	50.04 -0.18 4.19	26.68 -0.04 3.02	33.06 0.52 2.51	38.04 0.84 1.41	36.73 0.77 1.59	36.61 0.48 0.00	42.00 0.49 0.00
FALCON__SEABRD_CC2 323797	33.31 -0.60 2.25	30.76 -0.44 4.61	27.19 -0.51 4.34	26.88 -0.53 4.32	27.00 -0.40 4.32	30.35 -0.22 3.96	33.75 -0.13 3.42	37.28 -0.20 3.65	37.83 -0.02 3.01	47.77 -0.05 -6.11	32.66 -0.45 3.05	30.21 -0.74 3.22	32.94 -0.69 3.35	35.72 -0.25 3.47	42.67 -0.23 3.83	47.41 -0.18 3.87	70.08 -0.45 4.97	50.04 -0.18 4.19	26.68 -0.04 3.02	33.06 0.52 2.51	38.04 0.84 1.41	36.73 0.77 1.59	36.61 0.48 0.00	42.00 0.49 0.00

FAR ROCKAWAY___4 23548	46.30 4.01 -6.13	39.54 3.74 0.00	35.88 3.26 -0.57	34.79 3.06 0.00	34.86 3.14 0.00	38.25 3.52 -0.21	41.40 4.11 0.00	45.85 4.72 0.00	45.86 4.94 -0.06	47.66 5.30 -0.66	159.12 4.90 -118.07	146.71 4.97 -107.58	292.32 5.43 -249.91	321.25 5.62 -276.19	390.86 6.83 -337.31	473.82 7.10 -415.25	499.78 10.39 -413.89	447.35 7.08 -385.87	444.09 3.70 -410.66	349.24 4.28 -309.91	253.06 4.70 -209.75	253.51 4.67 -211.30	431.02 4.24 -390.64	45.48 3.96 -0.01
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	39.69 3.32 -0.21	38.95 3.14 0.00	35.43 2.81 -0.57	34.39 2.66 0.00	34.40 2.67 0.00	37.68 2.94 -0.21	40.75 3.46 0.00	45.14 4.02 0.00	45.12 4.26 0.00	46.36 4.66 0.00	69.87 4.29 -29.42	59.54 4.30 -21.07	58.14 4.63 -16.54	69.35 4.73 -25.18	94.28 5.79 -41.76	82.78 6.23 -25.09	146.40 9.27 -61.62	113.25 6.30 -52.55	75.22 2.88 -42.60	61.88 3.31 -23.51	52.49 3.72 -10.17	42.67 3.74 -1.38	39.61 3.42 -0.05	44.74 3.22 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	39.69 3.32 -0.21	38.95 3.15 0.00	35.43 2.81 -0.57	34.39 2.66 0.00	34.40 2.67 0.00	37.68 2.94 -0.21	40.75 3.45 0.00	45.14 4.02 0.00	45.11 4.26 0.00	46.35 4.64 0.00	69.85 4.28 -29.42	59.53 4.30 -21.07	58.13 4.62 -16.54	69.33 4.72 -25.18	94.27 5.78 -41.76	82.78 6.23 -25.09	146.39 9.26 -61.62	113.25 6.29 -52.55	75.22 2.88 -42.60	61.88 3.31 -23.51	52.49 3.72 -10.17	42.68 3.75 -1.38	39.61 3.42 -0.05	44.74 3.23 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	39.66 3.29 -0.21	38.92 3.12 0.00	35.41 2.79 -0.57	34.37 2.64 0.00	34.37 2.65 0.00	37.66 2.93 -0.21	40.73 3.44 0.00	45.12 3.99 0.00	45.10 4.24 0.00	46.34 4.64 0.00	69.84 4.27 -29.42	59.52 4.28 -21.07	58.13 4.61 -16.54	69.32 4.71 -25.18	94.26 5.77 -41.76	82.75 6.20 -25.09	146.32 9.19 -61.62	113.20 6.25 -52.55	75.20 2.86 -42.60	61.85 3.29 -23.51	52.46 3.68 -10.17	42.64 3.71 -1.38	39.58 3.38 -0.05	44.70 3.19 0.00
FARRAGUT___LBMP 323566	39.62 3.25 -0.21	38.89 3.08 0.00	35.38 2.76 -0.57	34.34 2.61 0.00	34.35 2.63 0.00	37.62 2.89 -0.21	40.69 3.39 0.00	45.06 3.94 0.00	45.04 4.18 0.00	46.27 4.57 0.00	69.78 4.21 -29.42	59.46 4.23 -21.07	58.06 4.55 -16.54	69.25 4.64 -25.18	94.17 5.68 -41.76	82.67 6.12 -25.09	146.22 9.10 -61.62	113.13 6.17 -52.55	75.16 2.82 -42.60	61.81 3.24 -23.51	52.42 3.64 -10.17	42.60 3.67 -1.38	39.54 3.35 -0.05	44.66 3.15 0.00
FARRCKWY_69_KV_BK2 55825	46.30 4.01 -6.13	39.54 3.74 0.00	35.88 3.26 -0.57	34.79 3.06 0.00	34.86 3.14 0.00	38.25 3.52 -0.21	41.40 4.11 0.00	45.85 4.72 0.00	45.86 4.94 -0.06	47.66 5.30 -0.66	159.12 4.90 -118.07	146.71 4.97 -107.58	292.32 5.43 -249.91	321.25 5.62 -276.19	390.86 6.83 -337.31	473.82 7.10 -415.25	499.78 10.39 -413.89	447.35 7.08 -385.87	444.09 3.70 -410.66	349.24 4.28 -309.91	253.06 4.70 -209.75	253.51 4.67 -211.30	431.02 4.24 -390.64	45.48 3.96 -0.01
FENNER___WINDPWR 24204	39.37 0.63 -2.58	42.07 0.49 -5.76	37.24 0.42 -4.77	37.56 0.43 -5.40	37.62 0.49 -5.40	39.96 0.61 -4.83	43.75 0.70 -5.75	48.90 0.84 -6.94	47.60 0.84 -5.90	49.55 0.77 -7.07	42.11 0.58 -5.37	39.97 0.42 -5.39	42.87 0.29 -5.61	45.23 0.19 -5.60	53.23 0.10 -6.41	58.02 0.08 -6.48	79.61 0.32 -3.78	61.14 0.56 -6.18	35.20 0.40 -5.06	39.69 0.50 -4.13	41.00 0.65 -1.74	38.47 0.54 -0.39	36.61 0.53 0.06	42.05 0.54 0.00
FIBERTEK___ENERGY 23856	35.92 0.03 0.27	35.68 -0.13 0.00	31.20 -0.11 0.74	31.65 -0.08 0.00	31.64 -0.08 0.00	34.18 -0.07 0.27	37.30 -0.07 -0.07	42.97 -0.08 -1.93	42.75 -0.11 -2.00	43.67 -0.19 -2.15	36.62 -0.16 -0.63	33.98 -0.18 0.00	36.72 -0.25 0.00	38.75 -0.45 0.23	46.11 -0.61 0.00	50.75 -0.70 0.00	69.33 -1.01 5.17	52.83 -0.65 0.93	29.44 -0.30 0.00	34.64 -0.41 0.00	38.18 -0.40 0.03	35.32 -0.42 1.80	35.67 -0.40 0.07	40.46 -0.34 0.72
FITZPATRICK___ 23598	35.22 -0.95 0.00	34.77 -1.03 0.00	31.14 -0.91 0.00	30.85 -0.88 0.00	30.84 -0.89 0.00	33.56 -0.97 0.00	35.80 -1.11 0.39	29.38 -1.24 10.50	28.70 -1.26 10.90	28.70 -1.30 11.70	31.60 -1.14 3.42	33.07 -1.09 0.00	35.72 -1.26 0.00	37.99 -1.45 0.00	44.99 -1.74 0.00	49.54 -1.92 0.00	72.67 -2.84 0.00	52.41 -1.99 0.00	28.72 -1.02 0.00	33.79 -1.27 0.00	37.24 -1.37 0.00	36.21 -1.33 0.00	34.88 -1.25 0.00	40.27 -1.24 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	39.49 3.12 -0.20	38.74 2.93 0.00	35.21 2.60 -0.56	34.21 2.48 0.00	34.21 2.48 0.00	37.49 2.76 -0.20	40.52 3.22 0.00	44.88 3.76 0.00	44.77 3.91 0.00	45.91 4.21 0.00	40.49 3.89 -0.45	45.13 3.98 -6.99	44.02 4.33 -2.71	55.43 4.42 -11.59	76.93 5.46 -24.74	66.48 6.04 -8.98	107.23 9.17 -22.55	83.69 6.14 -23.14	55.20 3.02 -22.44	51.36 3.40 -12.90	47.91 3.72 -5.59	42.51 3.60 -1.37	39.46 3.27 -0.05	44.68 3.17 0.00
FORT ORANGE___ 23900	37.37 1.21 0.00	37.12 1.31 0.00	33.28 1.24 0.00	32.93 1.20 0.00	32.91 1.19 0.00	35.81 1.28 0.00	38.70 1.41 0.00	42.52 1.40 0.00	41.97 1.11 0.00	42.85 1.15 0.00	37.24 1.09 0.00	35.24 1.08 0.00	38.12 1.15 0.00	40.50 1.07 0.00	48.07 1.34 0.00	52.87 1.41 0.00	77.85 2.34 0.00	58.81 1.59 -2.82	31.11 0.79 -0.57	36.05 0.99 0.00	39.76 1.15 0.00	38.67 1.13 0.00	37.23 1.10 0.00	42.65 1.13 0.00
FORT_DRUM_COGEN 23780	17.92 -1.29 16.96	-0.59 -1.68 34.71	-2.22 -1.54 32.73	-2.38 -1.57 32.53	-2.36 -1.52 32.56	2.34 -1.51 30.67	-0.16 -1.42 36.03	2.17 -1.47 37.48	8.65 -1.54 30.68	2.23 -1.86 37.61	2.25 -2.05 31.85	-2.09 -2.26 34.00	-1.28 -2.87 35.39	-0.27 -3.09 36.62	2.62 -3.65 40.46	6.45 -4.11 40.90	18.29 -4.83 52.38	7.26 -2.93 44.21	-3.75 -1.55 31.94	7.61 -1.41 26.04	26.57 -1.42 10.62	24.14 -1.45 11.96	35.49 -0.65 0.00	41.34 -0.17 0.00
FOX_HILLS___ESR 323835	39.61 3.24 -0.21	38.82 3.01 0.00	35.37 2.75 -0.57	34.33 2.60 0.00	34.34 2.62 0.00	37.63 2.90 -0.21	40.71 3.42 0.00	45.05 3.93 0.00	45.06 4.20 0.00	46.34 4.64 0.00	69.23 4.47 -28.61	59.56 4.38 -21.02	58.33 4.82 -16.53	69.14 4.64 -25.06	94.00 5.53 -41.74	74.31 6.43 -16.42	113.76 9.56 -28.71	102.17 6.54 -41.22	75.19 2.73 -42.72	61.92 3.29 -23.58	52.73 3.79 -10.33	42.73 3.80 -1.38	39.63 3.44 -0.05	44.67 3.16 0.00
FPL_FAR_ROCK_GT1 24212	46.30 4.01 -6.13	39.53 3.72 0.00	35.88 3.26 -0.57	34.79 3.05 0.00	34.86 3.14 0.00	38.25 3.51 -0.21	41.40 4.10 0.00	45.84 4.72 0.00	45.87 4.94 -0.06	47.66 5.29 -0.66	159.12 4.90 -118.07	146.70 4.96 -107.58	292.31 5.43 -249.91	321.24 5.62 -276.19	390.87 6.84 -337.31	473.81 7.10 -415.25	499.79 10.39 -413.89	447.36 7.09 -385.87	444.09 3.69 -410.66	349.24 4.27 -309.91	253.06 4.71 -209.75	253.52 4.68 -211.30	431.01 4.23 -390.64	45.49 3.97 -0.01
FPL_FAR_ROCK_GT2 23815	46.30 4.01 -6.13	39.53 3.72 0.00	35.88 3.26 -0.57	34.79 3.05 0.00	34.86 3.14 0.00	38.25 3.51 -0.21	41.40 4.10 0.00	45.84 4.72 0.00	45.87 4.94 -0.06	47.66 5.29 -0.66	159.12 4.90 -118.07	146.70 4.96 -107.58	292.31 5.43 -249.91	321.24 5.62 -276.19	390.87 6.84 -337.31	473.81 7.10 -415.25	499.79 10.39 -413.89	447.36 7.09 -385.87	444.09 3.69 -410.66	349.24 4.27 -309.91	253.06 4.71 -209.75	253.52 4.68 -211.30	431.01 4.23 -390.64	45.49 3.97 -0.01



FRANKLIN_FALL_HYD 24054	30.56 -1.40 4.21	26.00 -1.20 8.61	22.73 -1.20 8.12	22.45 -1.20 8.07	22.55 -1.10 8.08	26.24 -1.13 7.16	33.06 -0.82 3.42	36.52 -0.96 3.65	37.19 -0.66 3.01	36.40 -0.85 4.46	32.11 -1.00 3.05	29.73 -1.22 3.22	32.37 -1.25 3.35	34.93 -1.04 3.47	41.54 -1.35 3.83	46.26 -1.32 3.87	68.30 -2.23 4.97	48.94 -1.28 4.19	26.26 -0.46 3.02	32.22 -0.19 2.64	35.60 -0.37 2.63	34.25 -0.33 2.97	35.73 -0.41 0.00	41.04 -0.47 0.00
FREEPORT_EQUS_GT1 23764	46.16 3.87 -6.13	39.38 3.57 0.00	35.72 3.10 -0.57	34.65 2.92 0.00	34.73 3.01 0.00	38.12 3.39 -0.21	41.25 3.95 0.00	45.67 4.55 0.00	45.67 4.75 -0.06	47.39 5.02 -0.66	109.95 4.48 -69.31	93.99 4.49 -55.34	164.82 4.98 -122.86	186.96 5.14 -142.39	299.82 6.29 -246.81	451.67 6.77 -393.44	474.85 10.16 -389.19	423.51 6.91 -362.19	401.59 3.42 -368.43	197.46 3.95 -158.45	158.29 4.30 -115.38	158.40 4.42 -116.43	392.51 3.99 -352.38	45.17 3.66 0.00
FREEPORT___CT2 23818	46.16 3.87 -6.13	39.38 3.57 0.00	35.72 3.10 -0.57	34.65 2.92 0.00	34.73 3.01 0.00	38.12 3.39 -0.21	41.25 3.95 0.00	45.67 4.55 0.00	45.67 4.75 -0.06	47.39 5.02 -0.66	109.95 4.48 -69.31	93.99 4.49 -55.34	164.82 4.98 -122.86	186.96 5.14 -142.39	299.82 6.29 -246.81	451.67 6.77 -393.44	474.85 10.16 -389.19	423.51 6.91 -362.19	401.59 3.42 -368.43	197.46 3.95 -158.45	158.29 4.30 -115.38	158.40 4.42 -116.43	392.51 3.99 -352.38	45.17 3.66 0.00
FRESHKLS_33_KV_LOAD 356253	39.69 3.32 -0.21	38.90 3.10 0.00	35.46 2.84 -0.57	34.42 2.69 0.00	34.41 2.68 0.00	37.72 2.99 -0.21	40.81 3.51 0.00	45.14 4.02 0.00	45.16 4.30 0.00	46.45 4.75 0.00	69.32 4.56 -28.61	59.62 4.45 -21.02	58.42 4.91 -16.53	69.18 4.68 -25.06	94.08 5.62 -41.74	74.46 6.58 -16.42	114.01 9.80 -28.71	102.37 6.74 -41.22	75.30 2.83 -42.72	62.07 3.43 -23.58	52.96 4.02 -10.33	42.92 3.99 -1.38	39.79 3.60 -0.05	44.81 3.30 0.00
FULTON COGEN____ 23766	34.45 -0.77 0.95	33.37 -0.89 1.55	29.24 -0.82 1.99	29.49 -0.79 1.45	29.48 -0.79 1.45	32.10 -0.86 1.57	34.82 -0.95 1.53	41.89 -1.03 -1.80	42.06 -1.05 -2.24	42.77 -1.12 -2.20	34.85 -0.98 0.32	31.63 -0.97 1.56	34.22 -1.12 1.63	36.20 -1.38 1.85	43.14 -1.72 1.86	47.71 -1.86 1.88	66.56 -2.69 6.25	49.87 -1.83 2.71	27.33 -0.94 1.47	32.71 -1.15 1.20	36.89 -1.22 0.49	34.50 -1.21 1.83	34.96 -1.13 0.05	40.39 -1.12 0.00
FULTON___LFGE 323630	38.12 1.77 -0.19	37.53 1.73 0.00	34.13 1.56 -0.52	33.31 1.58 0.00	33.30 1.58 0.00	36.44 1.72 -0.19	39.04 1.74 0.00	43.04 1.91 0.00	42.87 2.01 0.00	43.45 1.75 0.00	37.39 1.23 0.00	34.93 0.77 0.00	37.88 1.07 0.00	40.67 1.07 -0.16	47.84 1.11 0.00	52.45 0.99 0.00	81.00 1.86 -3.64	56.67 1.61 -0.66	30.93 1.19 0.00	36.68 1.62 0.00	40.54 1.91 -0.02	40.61 1.80 -1.27	37.87 1.69 -0.05	43.25 1.74 0.00
G.F.CEMENT___DRP 24184	38.90 2.73 0.00	38.54 2.73 0.00	34.49 2.44 0.00	34.10 2.37 0.00	34.11 2.39 0.00	37.32 2.80 0.00	40.51 3.22 0.00	44.67 3.54 0.00	44.23 3.36 0.00	45.46 3.75 0.00	39.12 2.97 0.00	36.89 2.73 0.00	39.86 2.89 0.00	42.16 2.73 0.00	49.95 3.22 0.00	55.12 3.66 0.00	81.08 5.58 0.00	61.08 4.21 -2.47	32.65 2.41 -0.50	37.82 2.77 0.00	41.72 3.11 0.00	40.64 3.10 0.00	38.95 2.82 0.00	44.49 2.98 0.00
GARDENVILLE___LBMP 24039	13.48 -1.77 20.91	13.32 -2.23 20.26	9.26 -2.08 20.71	10.55 -1.98 19.21	10.49 -1.99 19.24	11.96 -2.13 20.43	14.75 -2.26 20.28	18.28 -2.16 20.68	36.20 -2.35 2.32	38.59 -2.50 0.62	32.71 -2.15 1.29	32.22 -1.95 0.00	34.49 -2.49 0.00	35.33 -2.78 1.32	34.01 -3.35 9.37	43.83 -3.53 4.10	51.98 -5.48 18.04	47.52 -3.91 2.98	26.70 -2.22 0.82	30.46 -2.91 1.68	33.67 -2.87 2.07	27.34 -2.90 7.30	33.31 -2.60 0.23	35.11 -2.69 3.72
GARDNVLA_35_KV_LD 355827	16.10 -1.65 18.42	15.93 -2.13 17.75	11.63 -2.00 18.42	13.01 -1.90 16.82	12.95 -1.93 16.85	14.46 -2.07 17.99	17.35 -2.21 17.73	20.96 -2.10 18.06	36.58 -2.27 2.01	38.76 -2.42 0.53	32.96 -2.08 1.12	32.29 -1.88 0.00	34.57 -2.41 0.00	35.49 -2.70 1.24	35.32 -3.28 8.14	44.50 -3.40 3.56	52.46 -5.30 17.75	47.67 -3.78 2.96	26.88 -2.15 0.71	30.75 -2.84 1.47	34.01 -2.79 1.81	27.67 -2.83 7.05	33.39 -2.52 0.22	35.29 -2.59 3.63
GELCKHM___115KV_LOAD 80723	35.71 -0.22 0.23	35.43 -0.38 0.00	31.07 -0.34 0.64	31.42 -0.31 0.00	31.41 -0.31 0.00	33.97 -0.32 0.23	36.98 -0.36 -0.05	41.98 -0.38 -1.24	41.74 -0.41 -1.28	42.60 -0.48 -1.38	36.14 -0.42 -0.40	33.73 -0.43 0.00	36.43 -0.54 0.00	38.50 -0.74 0.20	45.77 -0.95 0.00	50.39 -1.07 0.00	69.55 -1.51 4.44	52.59 -1.01 0.80	29.24 -0.51 0.00	34.41 -0.64 0.00	37.93 -0.65 0.02	35.33 -0.67 1.55	35.47 -0.61 0.06	40.95 -0.56 0.00
GENERAL___MILLS 23808	15.37 -1.70 19.10	15.20 -2.17 18.43	10.98 -2.03 19.04	12.33 -1.93 17.47	12.27 -1.96 17.50	13.78 -2.09 18.65	16.63 -2.25 18.42	20.21 -2.14 18.77	36.44 -2.33 2.09	38.67 -2.48 0.56	32.85 -2.14 1.17	32.23 -1.94 0.00	34.51 -2.46 0.00	35.40 -2.77 1.26	34.92 -3.33 8.47	44.25 -3.49 3.71	52.25 -5.42 17.83	47.58 -3.87 2.96	26.80 -2.20 0.74	30.63 -2.90 1.52	33.89 -2.84 1.88	27.55 -2.87 7.12	33.35 -2.57 0.22	35.21 -2.65 3.65
GE_PLASTICS___DRP 24183	37.16 1.00 0.00	36.90 1.10 0.00	33.14 1.09 0.00	32.80 1.07 0.00	32.79 1.06 0.00	35.66 1.14 0.00	38.54 1.24 0.00	42.37 1.24 0.00	41.82 0.96 0.00	42.67 0.97 0.00	37.08 0.92 0.00	35.11 0.95 0.00	37.97 1.00 0.00	40.36 0.92 0.00	47.91 1.19 0.00	52.70 1.24 0.00	77.44 1.94 0.00	58.31 1.13 -2.77	30.85 0.55 -0.57	35.73 0.67 0.00	39.38 0.78 0.00	38.34 0.80 0.00	36.97 0.84 0.00	42.50 0.99 0.00
GILBOA___1 23756	37.67 1.27 -0.24	37.04 1.23 0.00	33.95 1.25 -0.65	33.06 1.33 0.00	33.06 1.33 0.00	36.13 1.37 -0.24	38.68 1.39 0.00	42.70 1.57 0.00	42.46 1.60 0.00	43.43 1.73 0.00	37.75 1.59 0.00	35.78 1.61 0.00	38.70 1.73 0.00	41.34 1.70 -0.20	48.88 2.16 0.00	53.75 2.29 0.00	83.28 3.25 -4.53	57.32 2.10 -0.82	30.75 1.00 0.00	36.25 1.19 0.00	39.98 1.35 -0.03	40.51 1.39 -1.58	37.50 1.30 -0.06	42.78 1.27 0.00
GILBOA___2 23757	37.67 1.27 -0.24	37.04 1.23 0.00	33.95 1.25 -0.65	33.06 1.33 0.00	33.06 1.33 0.00	36.13 1.37 -0.24	38.68 1.39 0.00	42.70 1.57 0.00	42.46 1.60 0.00	43.43 1.73 0.00	37.75 1.59 0.00	35.78 1.61 0.00	38.70 1.73 0.00	41.34 1.70 -0.20	48.88 2.16 0.00	53.75 2.29 0.00	83.28 3.25 -4.53	57.32 2.10 -0.82	30.75 1.00 0.00	36.25 1.19 0.00	39.98 1.35 -0.03	40.51 1.39 -1.58	37.50 1.30 -0.06	42.78 1.27 0.00
GILBOA___3 23758	37.67 1.27 -0.24	37.04 1.23 0.00	33.95 1.25 -0.65	33.06 1.33 0.00	33.06 1.33 0.00	36.13 1.37 -0.24	38.68 1.39 0.00	42.70 1.57 0.00	42.46 1.60 0.00	43.43 1.73 0.00	37.75 1.59 0.00	35.78 1.61 0.00	38.70 1.73 0.00	41.34 1.70 -0.20	48.88 2.16 0.00	53.75 2.29 0.00	83.28 3.25 -4.53	57.32 2.10 -0.82	30.75 1.00 0.00	36.25 1.19 0.00	39.98 1.35 -0.03	40.51 1.39 -1.58	37.50 1.30 -0.06	42.78 1.27 0.00

GILBOA___4 23759	37.67 1.27 -0.24	37.04 1.23 0.00	33.95 1.25 -0.65	33.06 1.33 0.00	33.06 1.33 0.00	36.13 1.37 -0.24	38.68 1.39 0.00	42.70 1.57 0.00	42.46 1.60 0.00	43.43 1.73 0.00	37.75 1.59 0.00	35.78 1.61 0.00	38.70 1.73 0.00	41.34 1.70 -0.20	48.88 2.16 0.00	53.75 2.29 0.00	83.28 3.25 -4.53	57.32 2.10 -0.82	30.75 1.00 0.00	36.25 1.19 0.00	39.98 1.35 -0.03	40.51 1.39 -1.58	37.50 1.30 -0.06	42.78 1.27 0.00
GILBOA____ 23599	37.67 1.27 -0.24	37.05 1.24 0.00	33.95 1.25 -0.65	33.06 1.33 0.00	33.06 1.33 0.00	36.13 1.37 -0.24	38.68 1.39 0.00	42.70 1.57 0.00	42.46 1.60 0.00	43.43 1.73 0.00	37.75 1.60 0.00	35.78 1.62 0.00	38.71 1.73 0.00	41.34 1.71 -0.20	48.88 2.15 0.00	53.76 2.30 0.00	83.29 3.26 -4.53	57.33 2.11 -0.82	30.76 1.01 0.00	36.25 1.19 0.00	39.98 1.35 -0.03	40.51 1.39 -1.58	37.50 1.30 -0.06	42.78 1.26 0.00
GINNA____ 23603	33.77 -1.91 0.48	33.64 -2.17 0.00	28.69 -2.02 1.33	29.74 -1.99 0.00	29.74 -1.99 0.00	31.92 -2.12 0.48	34.98 -2.31 0.00	38.59 -2.53 0.00	38.15 -2.71 0.00	38.88 -2.82 0.00	33.71 -2.45 0.00	31.84 -2.32 0.00	34.19 -2.78 0.00	35.94 -3.08 0.42	42.98 -3.75 0.00	47.50 -3.96 0.00	60.51 -5.73 9.26	48.66 -4.07 1.67	27.57 -2.18 0.00	32.36 -2.70 0.00	35.75 -2.81 0.05	31.48 -2.84 3.23	33.30 -2.72 0.13	36.60 -2.96 1.95
GLEN PARK____ 23778	18.90 -1.20 16.05	1.32 -1.63 32.86	-0.42 -1.49 30.98	-0.58 -1.51 30.80	-0.57 -1.47 30.82	4.04 -1.45 29.03	1.85 -1.34 34.11	4.37 -1.37 35.38	10.47 -1.46 28.93	4.44 -1.78 35.49	4.02 -2.02 30.12	-0.27 -2.25 32.18	0.56 -2.91 33.50	1.63 -3.14 34.67	4.72 -3.70 38.30	8.53 -4.21 38.72	21.02 -4.92 49.56	9.65 -2.90 41.86	-2.03 -1.53 30.24	9.03 -1.38 24.65	27.20 -1.36 10.05	24.82 -1.41 11.32	35.53 -0.61 0.00	41.36 -0.15 0.00
GLENDALE_27_KV_LOAD 356172	39.87 3.50 -0.21	39.09 3.29 0.00	35.56 2.94 -0.57	34.52 2.79 0.00	34.52 2.79 0.00	37.81 3.08 -0.21	40.91 3.62 0.00	45.35 4.22 0.00	45.35 4.49 0.00	46.59 4.89 0.00	69.05 4.51 -28.39	59.35 4.46 -20.72	57.90 4.82 -16.11	69.24 4.84 -24.96	94.37 5.91 -41.74	68.86 6.58 -10.82	109.29 9.79 -23.99	96.85 6.71 -35.74	75.44 2.98 -42.72	61.98 3.42 -23.51	52.65 3.88 -10.17	42.90 3.98 -1.38	39.81 3.62 -0.05	44.86 3.35 0.00
GLENWOOD_IC_1_G5 23712	45.90 3.60 -6.13	39.18 3.37 0.00	35.57 2.95 -0.57	34.52 2.79 0.00	34.57 2.85 0.00	37.91 3.17 -0.21	41.01 3.72 0.00	45.42 4.29 0.00	45.44 4.51 -0.06	47.22 4.86 -0.66	100.78 4.41 -60.22	84.08 4.33 -45.58	140.85 4.72 -99.16	161.69 4.84 -117.42	282.59 5.95 -229.92	447.25 6.42 -389.37	469.65 9.57 -384.58	418.66 6.47 -357.78	393.40 3.11 -360.55	168.79 3.55 -130.19	140.28 3.90 -97.77	140.14 3.86 -98.73	384.89 3.52 -345.24	45.00 3.49 0.00
GLENWOOD_IC_2_G1 23688	45.63 3.33 -6.13	38.93 3.13 0.00	35.39 2.77 -0.57	34.35 2.62 0.00	34.38 2.65 0.00	37.69 2.96 -0.21	40.76 3.46 0.00	45.12 4.00 0.00	45.12 4.20 -0.06	46.90 4.53 -0.66	88.56 4.18 -48.22	71.10 4.20 -32.73	109.44 4.57 -67.90	128.60 4.66 -84.50	260.11 5.73 -207.65	441.62 6.16 -384.00	463.22 9.21 -378.51	412.61 6.26 -351.95	382.89 2.99 -350.16	131.41 3.43 -92.93	116.98 3.81 -74.56	116.73 3.79 -75.39	375.41 3.45 -335.83	44.77 3.26 0.00
GLENWOOD_IC_3_G1 23689	45.63 3.33 -6.13	38.93 3.13 0.00	35.39 2.77 -0.57	34.35 2.62 0.00	34.38 2.65 0.00	37.69 2.96 -0.21	40.76 3.46 0.00	45.12 4.00 0.00	45.12 4.20 -0.06	46.90 4.53 -0.66	88.56 4.18 -48.22	71.10 4.20 -32.73	109.44 4.57 -67.90	128.60 4.66 -84.50	260.11 5.73 -207.65	441.62 6.16 -384.00	463.22 9.21 -378.51	412.61 6.26 -351.95	382.89 2.99 -350.16	131.41 3.43 -92.93	116.98 3.81 -74.56	116.73 3.79 -75.39	375.41 3.45 -335.83	44.77 3.26 0.00
GLENWOOD___4 23550	45.90 3.60 -6.13	39.18 3.37 0.00	35.57 2.95 -0.57	34.52 2.79 0.00	34.57 2.85 0.00	37.91 3.17 -0.21	41.01 3.72 0.00	45.42 4.29 0.00	45.44 4.51 -0.06	47.22 4.86 -0.66	100.81 4.44 -60.22	84.15 4.40 -45.58	140.94 4.80 -99.16	161.79 4.93 -117.42	282.70 6.06 -229.92	447.36 6.53 -389.37	469.83 9.75 -384.58	418.78 6.60 -357.78	393.47 3.18 -360.55	168.87 3.63 -130.19	140.37 3.99 -97.77	140.24 3.96 -98.73	384.98 3.60 -345.24	45.00 3.49 0.00
GLENWOOD___5 23614	45.90 3.60 -6.13	39.18 3.37 0.00	35.57 2.95 -0.57	34.52 2.79 0.00	34.57 2.85 0.00	37.91 3.17 -0.21	41.01 3.72 0.00	45.42 4.29 0.00	45.44 4.51 -0.06	47.22 4.86 -0.66	100.81 4.44 -60.22	84.15 4.40 -45.58	140.94 4.80 -99.16	161.79 4.93 -117.42	282.70 6.06 -229.92	447.36 6.53 -389.37	469.83 9.75 -384.58	418.78 6.60 -357.78	393.47 3.18 -360.55	168.87 3.63 -130.19	140.37 3.99 -97.77	140.24 3.96 -98.73	384.98 3.60 -345.24	45.00 3.49 0.00
GLOBAL GREEN_PORT_GT1 23814	45.94 3.65 -6.13	39.30 3.49 0.00	35.64 3.02 -0.57	34.55 2.82 0.00	34.82 3.10 0.00	38.26 3.53 -0.21	41.34 4.04 0.00	45.72 4.59 0.00	45.71 4.78 -0.06	47.20 4.84 -0.66	80.37 4.61 -39.60	61.83 4.17 -23.50	86.94 4.53 -45.43	105.04 4.76 -60.84	244.13 5.76 -191.65	437.07 5.46 -380.15	457.87 8.22 -374.14	407.53 5.36 -347.77	375.18 2.75 -342.69	105.24 4.03 -66.15	101.35 4.87 -57.87	100.68 4.51 -58.62	368.98 3.78 -329.06	45.01 3.50 0.00
GLOBE___DSASP 323697	18.98 -2.42 14.77	18.84 -2.83 14.14	14.51 -2.61 14.92	15.83 -2.50 13.41	15.80 -2.50 13.42	17.36 -2.74 14.43	19.97 -3.08 14.24	23.42 -3.22 14.48	35.51 -3.80 1.55	37.32 -3.96 0.41	31.87 -3.41 0.88	30.97 -3.18 0.02	33.15 -3.81 0.01	34.29 -4.10 1.05	35.55 -4.90 6.28	43.48 -5.22 2.75	51.90 -7.63 15.97	46.05 -5.70 2.66	25.94 -3.25 0.55	29.80 -4.10 1.15	33.12 -4.09 1.41	27.28 -4.10 6.16	32.29 -3.65 0.20	34.68 -3.61 3.23
GOETHSLN___LBMP 323567	39.52 3.15 -0.21	38.77 2.96 0.00	35.26 2.64 -0.57	34.22 2.49 0.00	34.22 2.49 0.00	37.49 2.76 -0.21	40.56 3.26 0.00	44.93 3.81 0.00	44.90 4.03 0.00	46.12 4.41 0.00	69.60 4.03 -29.42	59.32 4.08 -21.07	57.91 4.40 -16.54	69.10 4.49 -25.18	94.01 5.52 -41.76	82.41 5.86 -25.09	145.79 8.67 -61.62	112.87 5.91 -52.55	74.85 2.66 -42.45	61.64 3.07 -23.51	52.26 3.48 -10.17	42.45 3.52 -1.38	39.38 3.19 -0.05	44.49 2.98 0.00
GOLAH___69_KV_TB 1_2 80279	33.20 -0.35 2.61	33.02 -0.71 2.08	27.91 -0.75 3.39	29.05 -0.71 1.97	29.04 -0.70 1.98	31.22 -0.74 2.57	34.40 -0.83 2.07	38.20 -0.83 2.09	39.48 -1.16 0.22	40.39 -1.25 0.06	34.91 -1.12 0.13	33.05 -1.11 0.00	35.39 -1.58 0.00	37.10 -1.81 0.52	43.52 -2.29 0.91	48.75 -2.31 0.40	61.66 -3.23 10.61	50.22 -2.30 1.88	28.42 -1.24 0.08	33.28 -1.61 0.16	36.93 -1.43 0.25	32.28 -1.48 3.78	34.64 -1.36 0.14	37.94 -1.34 2.23
GOODYEAR_LAKE_HYD 323669	37.93 1.24 -0.52	36.92 1.12 0.00	34.53 1.04 -1.43	32.84 1.11 0.00	32.87 1.14 0.00	36.30 1.25 -0.52	38.63 1.34 0.00	42.74 1.59 -0.02	42.83 1.68 -0.29	43.72 1.70 -0.32	37.75 1.51 -0.09	35.50 1.34 0.00	38.38 1.41 0.00	41.29 1.41 -0.45	48.51 1.79 0.00	53.41 1.95 0.00	88.44 2.99 -9.94	54.51 2.14 2.04	22.40 1.13 8.47	31.71 1.31 4.66	38.16 1.51 1.96	42.40 1.39 -3.47	37.52 1.25 -0.14	44.22 1.15 -1.56

GOUDEY___7	38.53	35.95	37.61	31.95	31.99	36.81	37.71	42.43	42.23	43.09	36.96	34.76	37.57	41.56	47.26	52.01	113.63	57.79	21.50	30.57	37.01	50.69	36.76	48.70
345031	0.41	0.14	0.17	0.21	0.27	0.32	0.39	0.57	0.60	0.57	0.56	0.60	0.60	0.45	0.53	0.56	0.70	0.42	0.23	0.18	0.21	0.10	0.11	-0.08
	-1.96	0.00	-5.39	0.00	0.00	-1.96	-0.03	-0.74	-0.77	-0.83	-0.24	0.00	0.00	-1.68	0.00	0.00	-37.43	-2.97	8.47	4.66	1.81	-13.05	-0.51	-7.27
GOUDEY___8	38.53	35.95	37.61	31.95	31.99	36.81	37.71	42.43	42.23	43.09	36.96	34.76	37.57	41.56	47.26	52.01	113.63	57.79	21.50	30.57	37.01	50.69	36.76	48.70
23579	0.41	0.14	0.17	0.21	0.27	0.32	0.39	0.57	0.60	0.57	0.56	0.60	0.60	0.45	0.53	0.56	0.70	0.42	0.23	0.18	0.21	0.10	0.11	-0.08
	-1.96	0.00	-5.39	0.00	0.00	-1.96	-0.03	-0.74	-0.77	-0.83	-0.24	0.00	0.00	-1.68	0.00	0.00	-37.43	-2.97	8.47	4.66	1.81	-13.05	-0.51	-7.27
GOWANUS_GT1_1	39.71	38.94	35.45	34.40	34.41	37.70	40.79	45.18	45.16	46.43	69.26	59.60	58.32	69.26	94.14	74.34	113.79	102.20	75.22	61.92	52.71	42.75	39.67	44.72
24077	3.34	3.13	2.82	2.68	2.69	2.97	3.50	4.05	4.30	4.73	4.50	4.42	4.81	4.76	5.68	6.46	9.58	6.57	2.76	3.29	3.77	3.82	3.48	3.21
	-0.21	0.00	-0.57	0.00	0.00	-0.21	0.00	0.00	0.00	0.00	-28.61	-21.02	-16.53	-25.06	-41.74	-16.42	-28.71	-41.22	-42.72	-23.58	-10.33	-1.38	-0.05	0.00
GOWANUS_GT1_2	39.71	38.94	35.45	34.40	34.41	37.70	40.79	45.18	45.16	46.43	69.26	59.60	58.32	69.26	94.14	74.34	113.79	102.20	75.22	61.92	52.71	42.75	39.67	44.72
24078	3.34	3.13	2.82	2.68	2.69	2.97	3.50	4.05	4.30	4.73	4.50	4.42	4.81	4.76	5.68	6.46	9.58	6.57	2.76	3.29	3.77	3.82	3.48	3.21
	-0.21	0.00	-0.57	0.00	0.00	-0.21	0.00	0.00	0.00	0.00	-28.61	-21.02	-16.53	-25.06	-41.74	-16.42	-28.71	-41.22	-42.72	-23.58	-10.33	-1.38	-0.05	0.00
GOWANUS_GT1_3	39.71	38.94	35.45	34.40	34.41	37.70	40.79	45.18	45.16	46.43	69.26	59.60	58.32	69.26	94.14	74.34	113.79	102.20	75.22	61.92	52.71	42.75	39.67	44.72
24079	3.34	3.13	2.82	2.68	2.69	2.97	3.50	4.05	4.30	4.73	4.50	4.42	4.81	4.76	5.68	6.46	9.58	6.57	2.76	3.29	3.77	3.82	3.48	3.21
	-0.21	0.00	-0.57	0.00	0.00	-0.21	0.00	0.00	0.00	0.00	-28.61	-21.02	-16.53	-25.06	-41.74	-16.42	-28.71	-41.22	-42.72	-23.58	-10.33	-1.38	-0.05	0.00
GOWANUS_GT1_4	39.71	38.94	35.45	34.40	34.41	37.70	40.79	45.18	45.16	46.43	69.26	59.60	58.32	69.26	94.14	74.34	113.79	102.20	75.22	61.92	52.71	42.75	39.67	44.72
24080	3.34	3.13	2.82	2.68	2.69	2.97	3.50	4.05	4.30	4.73	4.50	4.42	4.81	4.76	5.68	6.46	9.58	6.57	2.76	3.29	3.77	3.82	3.48	3.21
	-0.21	0.00	-0.57	0.00	0.00	-0.21	0.00	0.00	0.00	0.00	-28.61	-21.02	-16.53	-25.06	-41.74	-16.42	-28.71	-41.22	-42.72	-23.58	-10.33	-1.38	-0.05	0.00
GOWANUS_GT1_5	39.71	38.94	35.45	34.40	34.41	37.70	40.79	45.18	45.16	46.43	69.26	59.60	58.32	69.26	94.14	74.34	113.79	102.20	75.22	61.92	52.71	42.75	39.67	44.72
24084	3.34	3.13	2.82	2.68	2.69	2.97	3.50	4.05	4.30	4.73	4.50	4.42	4.81	4.76	5.68	6.46	9.58	6.57	2.76	3.29	3.77	3.82	3.48	3.21
	-0.21	0.00	-0.57	0.00	0.00	-0.21	0.00	0.00	0.00	0.00	-28.61	-21.02	-16.53	-25.06	-41.74	-16.42	-28.71	-41.22	-42.72	-23.58	-10.33	-1.38	-0.05	0.00
GOWANUS_GT1_6	39.71	38.94	35.45	34.40	34.41	37.70	40.79	45.18	45.16	46.43	69.26	59.60	58.32	69.26	94.14	74.34	113.79	102.20	75.22	61.92	52.71	42.75	39.67	44.72
24111	3.34	3.13	2.82	2.68	2.69	2.97	3.50	4.05	4.30	4.73	4.50	4.42	4.81	4.76	5.68	6.46	9.58	6.57	2.76	3.29	3.77	3.82	3.48	3.21
	-0.21	0.00	-0.57	0.00	0.00	-0.21	0.00	0.00	0.00	0.00	-28.61	-21.02	-16.53	-25.06	-41.74	-16.42	-28.71	-41.22	-42.72	-23.58	-10.33	-1.38	-0.05	0.00
GOWANUS_GT1_7	39.71	38.94	35.45	34.40	34.41	37.70	40.79	45.18	45.16	46.43	69.26	59.60	58.32	69.26	94.14	74.34	113.79	102.20	75.22	61.92	52.71	42.75	39.67	44.72
24112	3.34	3.13	2.82	2.68	2.69	2.97	3.50	4.05	4.30	4.73	4.50	4.42	4.81	4.76	5.68	6.46	9.58	6.57	2.76	3.29	3.77	3.82	3.48	3.21
	-0.21	0.00	-0.57	0.00	0.00	-0.21	0.00	0.00	0.00	0.00	-28.61	-21.02	-16.53	-25.06	-41.74	-16.42	-28.71	-41.22	-42.72	-23.58	-10.33	-1.38	-0.05	0.00
GOWANUS_GT1_8	39.71	38.94	35.45	34.40	34.41	37.70	40.79	45.18	45.16	46.43	69.26	59.60	58.32	69.26	94.14	74.34	113.79	102.20	75.22	61.92	52.71	42.75	39.67	44.72
24113	3.34	3.13	2.82	2.68	2.69	2.97	3.50	4.05	4.30	4.73	4.50	4.42	4.81	4.76	5.68	6.46	9.58	6.57	2.76	3.29	3.77	3.82	3.48	3.21
	-0.21	0.00	-0.57	0.00	0.00	-0.21	0.00	0.00	0.00	0.00	-28.61	-21.02	-16.53	-25.06	-41.74	-16.42	-28.71	-41.22	-42.72	-23.58	-10.33	-1.38	-0.05	0.00
GOWANUS_GT2_1	39.71	38.90	35.42	34.38	34.39	37.68	40.76	45.13	45.14	46.40	69.25	59.58	58.35	69.23	94.11	74.34	113.79	102.18	75.20	61.82	52.54	42.73	39.66	44.70
24114	3.34	3.09	2.80	2.65	2.66	2.95	3.47	4.01	4.28	4.70	4.49	4.40	4.85	4.73	5.65	6.46	9.58	6.55	2.74	3.26	3.76	3.81	3.47	3.18
	-0.21	0.00	-0.57	0.00	0.00	-0.21	0.00	0.00	0.00	0.01	-28.61	-21.02	-16.53	-25.06	-41.74	-16.42	-28.71	-41.22	-42.72	-23.51	-10.17	-1.38	-0.05	0.00
GOWANUS_GT2_2	39.71	38.90	35.42	34.38	34.39	37.68	40.76	45.13	45.14	46.40	69.25	59.58	58.35	69.23	94.11	74.34	113.79	102.18	75.20	61.82	52.54	42.73	39.66	44.70
24115	3.34	3.09	2.80	2.65	2.66	2.95	3.47	4.01	4.28	4.70	4.49	4.40	4.85	4.73	5.65	6.46	9.58	6.55	2.74	3.26	3.76	3.81	3.47	3.18
	-0.21	0.00	-0.57	0.00	0.00	-0.21	0.00	0.00	0.00	0.01	-28.61	-21.02	-16.53	-25.06	-41.74	-16.42	-28.71	-41.22	-42.72	-23.51	-10.17	-1.38	-0.05	0.00
GOWANUS_GT2_3	39.71	38.90	35.42	34.38	34.39	37.68	40.76	45.13	45.14	46.40	69.25	59.58	58.35	69.23	94.11	74.34	113.79	102.18	75.20	61.82	52.54	42.73	39.66	44.70
24116	3.34	3.09	2.80	2.65	2.66	2.95	3.47	4.01	4.28	4.70	4.49	4.40	4.85	4.73	5.65	6.46	9.58	6.55	2.74	3.26	3.76	3.81	3.47	3.18
	-0.21	0.00	-0.57	0.00	0.00	-0.21	0.00	0.00	0.00	0.01	-28.61	-21.02	-16.53	-25.06	-41.74	-16.42	-28.71	-41.22	-42.72	-23.51	-10.17	-1.38	-0.05	0.00
GOWANUS_GT2_4	39.71	38.90	35.42	34.38	34.39	37.68	40.76	45.13	45.14	46.40	69.25	59.58	58.35	69.23	94.11	74.34	113.79	102.18	75.20	61.82	52.54	42.73	39.66	44.70
24117	3.34	3.09	2.80	2.65	2.66	2.95	3.47	4.01	4.28	4.70	4.49	4.40	4.85	4.73	5.65	6.46	9.58	6.55	2.74	3.26	3.76	3.81	3.47	3.18
	-0.21	0.00	-0.57	0.00	0.00	-0.21	0.00	0.00	0.00	0.01	-28.61	-21.02	-16.53	-25.06	-41.74	-16.42	-28.71	-41.22	-42.72	-23.51	-10.17	-1.38	-0.05	0.00

GOWANUS_GT2_5 24118	39.71 3.34 -0.21	38.90 3.09 0.00	35.42 2.80 -0.57	34.38 2.65 0.00	34.39 2.66 0.00	37.68 2.95 -0.21	40.76 3.47 0.00	45.13 4.01 0.00	45.14 4.28 0.00	46.40 4.70 0.01	69.25 4.49 -28.61	59.58 4.40 -21.02	58.35 4.85 -16.53	69.23 4.73 -25.06	94.11 5.65 -41.74	74.34 6.46 -16.42	113.79 9.58 -28.71	102.18 6.55 -41.22	75.20 2.74 -42.72	61.82 3.26 -23.51	52.54 3.76 -10.17	42.73 3.81 -1.38	39.66 3.47 -0.05	44.70 3.18 0.00
GOWANUS_GT2_6 24119	39.71 3.34 -0.21	38.90 3.09 0.00	35.42 2.80 -0.57	34.38 2.65 0.00	34.39 2.66 0.00	37.68 2.95 -0.21	40.76 3.47 0.00	45.13 4.01 0.00	45.14 4.28 0.00	46.40 4.70 0.01	69.25 4.49 -28.61	59.58 4.40 -21.02	58.35 4.85 -16.53	69.23 4.73 -25.06	94.11 5.65 -41.74	74.34 6.46 -16.42	113.79 9.58 -28.71	102.18 6.55 -41.22	75.20 2.74 -42.72	61.82 3.26 -23.51	52.54 3.76 -10.17	42.73 3.81 -1.38	39.66 3.47 -0.05	44.70 3.18 0.00
GOWANUS_GT2_7 24120	39.71 3.34 -0.21	38.90 3.09 0.00	35.42 2.80 -0.57	34.38 2.65 0.00	34.39 2.66 0.00	37.68 2.95 -0.21	40.76 3.47 0.00	45.13 4.01 0.00	45.14 4.28 0.00	46.40 4.70 0.01	69.25 4.49 -28.61	59.58 4.40 -21.02	58.35 4.85 -16.53	69.23 4.73 -25.06	94.11 5.65 -41.74	74.34 6.46 -16.42	113.79 9.58 -28.71	102.18 6.55 -41.22	75.20 2.74 -42.72	61.82 3.26 -23.51	52.54 3.76 -10.17	42.73 3.81 -1.38	39.66 3.47 -0.05	44.70 3.18 0.00
GOWANUS_GT2_8 24121	39.71 3.34 -0.21	38.90 3.09 0.00	35.42 2.80 -0.57	34.38 2.65 0.00	34.39 2.66 0.00	37.68 2.95 -0.21	40.76 3.47 0.00	45.13 4.01 0.00	45.14 4.28 0.00	46.40 4.70 0.01	69.25 4.49 -28.61	59.58 4.40 -21.02	58.35 4.85 -16.53	69.23 4.73 -25.06	94.11 5.65 -41.74	74.34 6.46 -16.42	113.79 9.58 -28.71	102.18 6.55 -41.22	75.20 2.74 -42.72	61.82 3.26 -23.51	52.54 3.76 -10.17	42.73 3.81 -1.38	39.66 3.47 -0.05	44.70 3.18 0.00
GOWANUS_GT3_1 24122	39.71 3.34 -0.21	38.92 3.11 0.00	35.44 2.82 -0.57	34.40 2.67 0.00	34.41 2.68 0.00	37.70 2.97 -0.21	40.79 3.50 0.00	45.17 4.04 0.00	45.16 4.30 0.00	46.43 4.73 0.00	69.28 4.51 -28.61	59.61 4.43 -21.02	58.38 4.88 -16.53	69.27 4.77 -25.06	94.14 5.68 -41.74	74.38 6.50 -16.42	113.86 9.65 -28.71	102.24 6.61 -41.22	75.23 2.76 -42.72	61.93 3.29 -23.58	52.72 3.78 -10.33	42.76 3.84 -1.38	39.67 3.48 -0.05	44.72 3.21 0.00
GOWANUS_GT3_2 24123	39.71 3.34 -0.21	38.92 3.11 0.00	35.44 2.82 -0.57	34.40 2.67 0.00	34.41 2.68 0.00	37.70 2.97 -0.21	40.79 3.50 0.00	45.17 4.04 0.00	45.16 4.30 0.00	46.43 4.73 0.00	69.28 4.51 -28.61	59.61 4.43 -21.02	58.38 4.88 -16.53	69.27 4.77 -25.06	94.14 5.68 -41.74	74.38 6.50 -16.42	113.86 9.65 -28.71	102.24 6.61 -41.22	75.23 2.76 -42.72	61.93 3.29 -23.58	52.72 3.78 -10.33	42.76 3.84 -1.38	39.67 3.48 -0.05	44.72 3.21 0.00
GOWANUS_GT3_3 24124	39.71 3.34 -0.21	38.92 3.11 0.00	35.44 2.82 -0.57	34.40 2.67 0.00	34.41 2.68 0.00	37.70 2.97 -0.21	40.79 3.50 0.00	45.17 4.04 0.00	45.16 4.30 0.00	46.43 4.73 0.00	69.28 4.51 -28.61	59.61 4.43 -21.02	58.38 4.88 -16.53	69.27 4.77 -25.06	94.14 5.68 -41.74	74.38 6.50 -16.42	113.86 9.65 -28.71	102.24 6.61 -41.22	75.23 2.76 -42.72	61.93 3.29 -23.58	52.72 3.78 -10.33	42.76 3.84 -1.38	39.67 3.48 -0.05	44.72 3.21 0.00
GOWANUS_GT3_4 24125	39.71 3.34 -0.21	38.92 3.11 0.00	35.44 2.82 -0.57	34.40 2.67 0.00	34.41 2.68 0.00	37.70 2.97 -0.21	40.79 3.50 0.00	45.17 4.04 0.00	45.16 4.30 0.00	46.43 4.73 0.00	69.28 4.51 -28.61	59.61 4.43 -21.02	58.38 4.88 -16.53	69.27 4.77 -25.06	94.14 5.68 -41.74	74.38 6.50 -16.42	113.86 9.65 -28.71	102.24 6.61 -41.22	75.23 2.76 -42.72	61.93 3.29 -23.58	52.72 3.78 -10.33	42.76 3.84 -1.38	39.67 3.48 -0.05	44.72 3.21 0.00
GOWANUS_GT3_5 24126	39.71 3.34 -0.21	38.92 3.11 0.00	35.44 2.82 -0.57	34.40 2.67 0.00	34.41 2.68 0.00	37.70 2.97 -0.21	40.79 3.50 0.00	45.17 4.04 0.00	45.16 4.30 0.00	46.43 4.73 0.00	69.28 4.51 -28.61	59.61 4.43 -21.02	58.38 4.88 -16.53	69.27 4.77 -25.06	94.14 5.68 -41.74	74.38 6.50 -16.42	113.86 9.65 -28.71	102.24 6.61 -41.22	75.23 2.76 -42.72	61.93 3.29 -23.58	52.72 3.78 -10.33	42.76 3.84 -1.38	39.67 3.48 -0.05	44.72 3.21 0.00
GOWANUS_GT3_6 24127	39.71 3.34 -0.21	38.92 3.11 0.00	35.44 2.82 -0.57	34.40 2.67 0.00	34.41 2.68 0.00	37.70 2.97 -0.21	40.79 3.50 0.00	45.17 4.04 0.00	45.16 4.30 0.00	46.43 4.73 0.00	69.28 4.51 -28.61	59.61 4.43 -21.02	58.38 4.88 -16.53	69.27 4.77 -25.06	94.14 5.68 -41.74	74.38 6.50 -16.42	113.86 9.65 -28.71	102.24 6.61 -41.22	75.23 2.76 -42.72	61.93 3.29 -23.58	52.72 3.78 -10.33	42.76 3.84 -1.38	39.67 3.48 -0.05	44.72 3.21 0.00
GOWANUS_GT3_7 24128	39.71 3.34 -0.21	38.92 3.11 0.00	35.44 2.82 -0.57	34.40 2.67 0.00	34.41 2.68 0.00	37.70 2.97 -0.21	40.79 3.50 0.00	45.17 4.04 0.00	45.16 4.30 0.00	46.43 4.73 0.00	69.28 4.51 -28.61	59.61 4.43 -21.02	58.38 4.88 -16.53	69.27 4.77 -25.06	94.14 5.68 -41.74	74.38 6.50 -16.42	113.86 9.65 -28.71	102.24 6.61 -41.22	75.23 2.76 -42.72	61.93 3.29 -23.58	52.72 3.78 -10.33	42.76 3.84 -1.38	39.67 3.48 -0.05	44.72 3.21 0.00
GOWANUS_GT3_8 24129	39.71 3.34 -0.21	38.92 3.11 0.00	35.44 2.82 -0.57	34.40 2.67 0.00	34.41 2.68 0.00	37.70 2.97 -0.21	40.79 3.50 0.00	45.17 4.04 0.00	45.16 4.30 0.00	46.43 4.73 0.00	69.28 4.51 -28.61	59.61 4.43 -21.02	58.38 4.88 -16.53	69.27 4.77 -25.06	94.14 5.68 -41.74	74.38 6.50 -16.42	113.86 9.65 -28.71	102.24 6.61 -41.22	75.23 2.76 -42.72	61.93 3.29 -23.58	52.72 3.78 -10.33	42.76 3.84 -1.38	39.67 3.48 -0.05	44.72 3.21 0.00
GOWANUS_GT4_1 24130	39.71 3.34 -0.21	38.91 3.10 0.00	35.43 2.81 -0.57	34.39 2.66 0.00	34.39 2.67 0.00	37.68 2.95 -0.21	40.77 3.48 0.00	45.14 4.01 0.00	45.13 4.27 0.00	46.40 4.69 0.00	69.24 4.47 -28.61	59.57 4.39 -21.02	58.29 4.78 -16.53	69.23 4.74 -25.06	94.12 5.65 -41.74	74.31 6.43 -16.42	113.75 9.54 -28.71	102.17 6.55 -41.22	75.20 2.74 -42.72	61.82 3.26 -23.51	52.52 3.75 -10.17	42.72 3.80 -1.38	39.66 3.46 -0.05	44.69 3.18 0.00
GOWANUS_GT4_2 24131	39.71 3.34 -0.21	38.91 3.10 0.00	35.43 2.81 -0.57	34.39 2.66 0.00	34.39 2.67 0.00	37.68 2.95 -0.21	40.77 3.48 0.00	45.14 4.01 0.00	45.13 4.27 0.00	46.40 4.69 0.00	69.24 4.47 -28.61	59.57 4.39 -21.02	58.29 4.78 -16.53	69.23 4.74 -25.06	94.12 5.65 -41.74	74.31 6.43 -16.42	113.75 9.54 -28.71	102.17 6.55 -41.22	75.20 2.74 -42.72	61.82 3.26 -23.51	52.52 3.75 -10.17	42.72 3.80 -1.38	39.66 3.46 -0.05	44.69 3.18 0.00
GOWANUS_GT4_3 24132	39.71 3.34 -0.21	38.91 3.10 0.00	35.43 2.81 -0.57	34.39 2.66 0.00	34.39 2.67 0.00	37.68 2.95 -0.21	40.77 3.48 0.00	45.14 4.01 0.00	45.13 4.27 0.00	46.40 4.69 0.00	69.24 4.47 -28.61	59.57 4.39 -21.02	58.29 4.78 -16.53	69.23 4.74 -25.06	94.12 5.65 -41.74	74.31 6.43 -16.42	113.75 9.54 -28.71	102.17 6.55 -41.22	75.20 2.74 -42.72	61.82 3.26 -23.51	52.52 3.75 -10.17	42.72 3.80 -1.38	39.66 3.46 -0.05	44.69 3.18 0.00

GOWANUS_GT4_4 24133	39.71 3.34 -0.21	38.91 3.10 0.00	35.43 2.81 -0.57	34.39 2.66 0.00	34.39 2.67 0.00	37.68 2.95 -0.21	40.77 3.48 0.00	45.14 4.01 0.00	45.13 4.27 0.00	46.40 4.69 0.00	69.24 4.47 -28.61	59.57 4.39 -21.02	58.29 4.78 -16.53	69.23 4.74 -25.06	94.12 5.65 -41.74	74.31 6.43 -16.42	113.75 9.54 -28.71	102.17 6.55 -41.22	75.20 2.74 -42.72	61.82 3.26 -23.51	52.52 3.75 -10.17	42.72 3.80 -1.38	39.66 3.46 -0.05	44.69 3.18 0.00
GOWANUS_GT4_5 24134	39.71 3.34 -0.21	38.91 3.10 0.00	35.43 2.81 -0.57	34.39 2.66 0.00	34.39 2.67 0.00	37.68 2.95 -0.21	40.77 3.48 0.00	45.14 4.01 0.00	45.13 4.27 0.00	46.40 4.69 0.00	69.24 4.47 -28.61	59.57 4.39 -21.02	58.29 4.78 -16.53	69.23 4.74 -25.06	94.12 5.65 -41.74	74.31 6.43 -16.42	113.75 9.54 -28.71	102.17 6.55 -41.22	75.20 2.74 -42.72	61.82 3.26 -23.51	52.52 3.75 -10.17	42.72 3.80 -1.38	39.66 3.46 -0.05	44.69 3.18 0.00
GOWANUS_GT4_6 24135	39.71 3.34 -0.21	38.91 3.10 0.00	35.43 2.81 -0.57	34.39 2.66 0.00	34.39 2.67 0.00	37.68 2.95 -0.21	40.77 3.48 0.00	45.14 4.01 0.00	45.13 4.27 0.00	46.40 4.69 0.00	69.24 4.47 -28.61	59.57 4.39 -21.02	58.29 4.78 -16.53	69.23 4.74 -25.06	94.12 5.65 -41.74	74.31 6.43 -16.42	113.75 9.54 -28.71	102.17 6.55 -41.22	75.20 2.74 -42.72	61.82 3.26 -23.51	52.52 3.75 -10.17	42.72 3.80 -1.38	39.66 3.46 -0.05	44.69 3.18 0.00
GOWANUS_GT4_7 24136	39.71 3.34 -0.21	38.91 3.10 0.00	35.43 2.81 -0.57	34.39 2.66 0.00	34.39 2.67 0.00	37.68 2.95 -0.21	40.77 3.48 0.00	45.14 4.01 0.00	45.13 4.27 0.00	46.40 4.69 0.00	69.24 4.47 -28.61	59.57 4.39 -21.02	58.29 4.78 -16.53	69.23 4.74 -25.06	94.12 5.65 -41.74	74.31 6.43 -16.42	113.75 9.54 -28.71	102.17 6.55 -41.22	75.20 2.74 -42.72	61.82 3.26 -23.51	52.52 3.75 -10.17	42.72 3.80 -1.38	39.66 3.46 -0.05	44.69 3.18 0.00
GOWANUS_GT4_8 24137	39.71 3.34 -0.21	38.91 3.10 0.00	35.43 2.81 -0.57	34.39 2.66 0.00	34.39 2.67 0.00	37.68 2.95 -0.21	40.77 3.48 0.00	45.14 4.01 0.00	45.13 4.27 0.00	46.40 4.69 0.00	69.24 4.47 -28.61	59.57 4.39 -21.02	58.29 4.78 -16.53	69.23 4.74 -25.06	94.12 5.65 -41.74	74.31 6.43 -16.42	113.75 9.54 -28.71	102.17 6.55 -41.22	75.20 2.74 -42.72	61.82 3.26 -23.51	52.52 3.75 -10.17	42.72 3.80 -1.38	39.66 3.46 -0.05	44.69 3.18 0.00
GREENBSH_115KV_TB3 55895	37.16 0.99 0.00	36.92 1.11 0.00	33.11 1.06 0.00	32.77 1.04 0.00	32.74 1.02 0.00	35.61 1.09 0.00	38.48 1.19 0.00	42.29 1.16 0.00	41.80 0.94 0.00	42.74 1.03 0.00	37.14 0.98 0.00	35.16 0.99 0.00	38.01 1.03 0.00	40.38 0.94 0.00	47.93 1.21 0.00	52.70 1.24 0.00	77.44 1.93 0.00	58.48 1.26 -2.82	30.94 0.62 -0.57	35.82 0.77 0.00	39.50 0.90 0.00	38.44 0.90 0.00	37.04 0.90 0.00	42.44 0.93 0.00
GREENDGE_115KV_TB5 80291	56.48 -0.12 -20.43	57.51 -0.42 -22.12	47.93 -0.41 -16.28	52.19 -0.41 -20.87	52.21 -0.34 -20.82	54.03 -0.32 -19.83	59.11 -0.20 -22.02	64.24 0.00 -23.12	44.01 0.02 -3.13	43.04 -0.05 -1.39	37.68 -0.03 -1.56	34.10 -0.07 0.00	36.78 -0.20 0.00	38.34 -0.56 0.53	55.74 -0.76 -9.77	54.87 -0.86 -4.27	50.73 -1.14 23.64	46.75 -0.77 6.88	29.79 -0.35 -0.39	36.28 -0.54 -1.76	40.11 -0.44 -1.95	29.73 -0.53 7.28	35.26 -0.53 0.35	33.75 -0.72 7.04
GREENIDGE___3 23582	56.48 -0.12 -20.43	57.51 -0.42 -22.12	47.93 -0.41 -16.28	52.19 -0.41 -20.87	52.21 -0.34 -20.82	54.03 -0.32 -19.83	59.11 -0.20 -22.02	64.24 0.00 -23.12	44.01 0.02 -3.13	43.04 -0.05 -1.39	37.68 -0.03 -1.56	34.10 -0.07 0.00	36.78 -0.20 0.00	38.34 -0.56 0.53	55.74 -0.76 -9.77	54.87 -0.86 -4.27	50.73 -1.14 23.64	46.75 -0.77 6.88	29.79 -0.35 -0.39	36.28 -0.54 -1.76	40.11 -0.44 -1.95	29.73 -0.53 7.28	35.26 -0.53 0.35	33.75 -0.72 7.04
GREENIDGE___4 23583	56.48 -0.11 -20.43	57.51 -0.41 -22.12	47.92 -0.41 -16.28	52.19 -0.41 -20.87	52.21 -0.34 -20.82	54.03 -0.32 -19.83	59.11 -0.20 -22.02	64.25 0.00 -23.12	44.00 0.01 -3.13	43.04 -0.05 -1.39	37.69 -0.03 -1.56	34.10 -0.07 0.00	36.78 -0.20 0.00	38.33 -0.57 0.53	55.73 -0.77 -9.77	54.85 -0.87 -4.27	50.70 -1.17 23.64	46.74 -0.79 6.88	29.80 -0.34 -0.39	36.28 -0.54 -1.76	40.11 -0.44 -1.95	29.71 -0.56 7.28	35.24 -0.55 0.35	33.75 -0.73 7.04
GREENLWN_69_KV_BK 3 55738	46.00 3.70 -6.13	39.29 3.48 0.00	35.63 3.01 -0.57	34.55 2.82 0.00	34.66 2.94 0.00	38.04 3.31 -0.21	41.16 3.86 0.00	45.49 4.36 0.00	45.40 4.47 -0.06	47.03 4.67 -0.66	81.41 4.32 -40.93	63.39 4.31 -24.92	90.54 4.67 -48.90	108.73 4.81 -64.48	246.70 5.86 -194.11	438.49 6.29 -380.74	459.74 9.42 -374.81	409.09 6.27 -348.41	376.67 3.09 -343.84	108.93 3.60 -70.27	103.11 4.06 -60.44	102.70 3.96 -61.20	369.77 3.53 -330.10	44.69 3.18 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	39.71 3.34 -0.21	38.94 3.13 0.00	35.45 2.82 -0.57	34.40 2.68 0.00	34.41 2.69 0.00	37.70 2.97 -0.21	40.79 3.50 0.00	45.18 4.05 0.00	45.16 4.30 0.00	46.43 4.73 0.00	69.26 4.50 -28.61	59.60 4.42 -21.02	58.32 4.81 -16.53	69.26 4.76 -25.06	94.14 5.68 -41.74	74.34 6.46 -16.42	113.79 9.58 -28.71	102.20 6.57 -41.22	75.22 2.76 -42.72	61.92 3.29 -23.58	52.71 3.77 -10.33	42.75 3.82 -1.38	39.67 3.48 -0.05	44.72 3.21 0.00
GRISSOM___SOLAR 323813	38.18 1.83 -0.18	37.60 1.79 0.00	34.17 1.62 -0.50	33.35 1.62 0.00	33.35 1.62 0.00	36.49 1.78 -0.18	39.10 1.81 0.00	43.08 1.96 0.00	42.88 2.02 0.00	43.51 1.81 0.00	37.42 1.27 0.00	34.99 0.83 0.00	37.83 0.85 0.00	40.64 1.05 -0.15	47.86 1.13 0.00	52.49 1.03 -3.48	80.92 1.94 -3.48	56.71 1.69 -0.63	30.97 1.23 0.00	36.72 1.67 0.00	40.58 1.96 -0.02	40.62 1.86 -1.21	37.92 1.73 -0.05	43.31 1.80 0.00
GROVEVILLE___HYD 323602	39.49 3.12 -0.20	38.74 2.93 0.00	35.21 2.60 -0.56	34.21 2.48 0.00	34.21 2.48 0.00	37.49 2.76 -0.20	40.52 3.22 0.00	44.88 3.76 0.00	44.77 3.91 0.00	45.91 4.21 0.00	40.49 3.89 -0.45	45.13 3.98 -6.99	44.02 4.33 -2.71	55.43 4.42 -11.59	76.93 5.46 -24.74	66.48 6.04 -8.98	107.23 9.17 -22.55	83.69 6.14 -23.14	55.20 3.02 -22.44	51.36 3.40 -12.90	47.91 3.72 -5.59	42.51 3.60 -1.37	39.46 3.27 -0.05	44.68 3.17 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	35.92 0.03 0.27	35.68 -0.13 0.00	31.20 -0.11 0.74	31.65 -0.08 0.00	31.64 -0.08 0.00	34.18 -0.07 0.27	37.30 -0.07 -0.07	42.97 -0.08 -1.93	42.75 -0.11 -2.00	43.67 -0.19 -2.15	36.62 -0.16 -0.63	33.98 -0.18 0.00	36.72 -0.25 0.00	38.75 -0.45 0.23	46.11 -0.61 0.00	50.75 -0.70 0.00	69.33 -1.01 5.17	52.83 -0.65 0.93	29.44 -0.30 0.00	34.64 -0.41 0.00	38.18 -0.40 0.03	35.32 -0.42 1.80	35.67 -0.40 0.07	40.46 -0.34 0.72
HAMLTNNY_34_KV_TB 80303	36.00 0.15 0.31	35.77 -0.03 0.00	31.16 -0.02 0.86	31.73 0.00 0.00	31.71 -0.01 0.00	34.22 0.01 0.31	37.38 0.02 -0.07	43.07 0.02 -1.93	42.81 -0.05 -2.00	43.72 -0.13 -2.15	36.67 -0.12 -0.63	34.00 -0.16 0.00	36.73 -0.25 0.00	38.70 -0.47 0.27	46.06 -0.67 0.00	50.75 -0.71 0.00	68.51 -1.00 5.99	52.72 -0.60 1.08	29.46 -0.28 0.00	34.67 -0.38 0.00	38.26 -0.32 0.03	35.13 -0.32 2.09	35.72 -0.34 0.08	40.30 -0.28 0.93

HAMPSHIRE___PAPER_HYD 323593	18.06 -1.68 16.42	0.41 -1.79 33.61	-1.30 -1.65 31.69	-1.45 -1.67 31.50	-1.43 -1.62 31.53	2.98 -1.75 29.79	-0.68 -1.92 36.05	0.96 -2.11 38.06	7.51 -2.08 31.27	1.18 -2.28 38.25	1.69 -2.43 32.04	-2.28 -2.45 33.99	-1.20 -2.79 35.38	-0.06 -2.88 36.62	2.84 -3.43 40.46	6.75 -3.81 40.90	17.91 -5.05 52.54	7.10 -3.09 44.21	-3.79 -1.59 31.94	7.49 -1.57 25.99	26.79 -1.53 10.29	24.43 -1.54 11.58	34.97 -1.17 0.00	40.62 -0.89 0.00
HARDSCRABBLE_WT_PWR 323673	40.19 2.28 -1.75	41.76 2.38 -3.57	37.77 2.35 -3.37	37.36 2.28 -3.35	37.26 2.18 -3.35	39.90 2.23 -3.15	42.99 2.13 -3.57	47.35 2.41 -3.81	46.50 2.50 -3.14	47.75 2.21 -3.84	41.13 1.79 -3.19	38.87 1.35 -3.36	42.40 1.92 -3.50	45.06 2.00 -3.62	53.12 2.39 -4.00	57.49 1.98 -4.05	84.04 3.32 -5.22	61.02 2.24 -4.38	34.40 1.50 -3.16	39.70 2.06 -2.58	41.95 2.25 -1.10	40.92 2.14 -1.23	38.14 2.01 0.00	43.34 1.83 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	39.34 2.95 -0.22	38.56 2.76 0.00	35.11 2.44 -0.62	34.03 2.30 0.00	34.04 2.32 0.00	37.33 2.58 -0.22	40.34 3.05 0.00	44.65 3.53 0.00	44.58 3.71 0.00	45.75 4.05 0.00	40.05 3.78 -0.12	77.99 3.90 -39.92	56.16 4.23 -14.96	111.25 4.36 -67.45	199.08 5.43 -146.93	110.74 5.95 -53.33	199.37 8.91 -114.95	187.43 6.02 -127.00	135.27 2.90 -102.62	97.28 3.27 -58.96	67.64 3.56 -25.47	42.48 3.44 -1.50	39.30 3.11 -0.06	44.51 3.00 0.00
HARSNRAD_115KV_TB1 81005	19.55 -1.94 14.67	19.37 -2.38 14.06	15.00 -2.24 14.81	16.27 -2.13 13.33	16.24 -2.13 13.35	17.86 -2.33 14.34	20.68 -2.64 13.97	24.24 -2.70 14.19	36.06 -3.26 1.54	37.84 -3.46 0.41	32.29 -3.01 0.86	31.35 -2.82 0.00	33.46 -3.52 0.00	34.66 -3.75 1.03	36.02 -4.47 6.24	43.98 -4.74 2.74	52.99 -6.92 15.60	46.64 -5.16 2.60	26.27 -2.93 0.55	30.21 -3.71 1.13	33.56 -3.65 1.40	27.89 -3.61 6.05	32.71 -3.23 0.20	35.07 -3.24 3.20
HARZA MOOSE___RIVER 24016	35.86 -0.30 0.00	35.24 -0.57 0.00	31.53 -0.52 0.00	31.20 -0.53 0.00	31.24 -0.48 0.00	34.13 -0.40 0.00	37.12 -0.20 -0.02	41.49 -0.14 -0.51	41.21 -0.18 -0.53	42.00 -0.27 -0.57	35.62 -0.70 -0.16	33.39 -0.77 0.00	35.94 -1.04 0.00	38.24 -1.19 0.00	45.26 -1.46 0.00	49.70 -1.76 0.00	73.74 -1.76 0.00	53.80 -0.60 0.00	29.50 -0.24 0.00	34.92 -0.13 0.00	38.47 -0.14 0.00	37.31 -0.24 0.00	36.30 0.16 0.00	42.05 0.53 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	35.74 -0.21 0.21	35.43 -0.37 0.00	31.14 -0.33 0.59	31.43 -0.31 0.00	31.42 -0.30 0.00	34.00 -0.31 0.21	36.98 -0.35 -0.04	41.81 -0.34 -1.03	41.56 -0.38 -1.07	42.42 -0.43 -1.15	36.12 -0.38 -0.34	33.78 -0.38 0.00	36.51 -0.47 0.00	38.59 -0.66 0.18	45.87 -0.85 0.00	50.49 -0.96 0.00	70.03 -1.39 4.08	52.72 -0.95 0.74	29.27 -0.47 0.00	34.44 -0.62 0.00	37.95 -0.64 0.02	35.46 -0.66 1.42	35.47 -0.61 0.06	40.92 -0.59 0.00
HELLGATE_13_KV_LD 55870	39.95 3.58 -0.21	39.18 3.38 0.00	35.65 3.02 -0.57	34.60 2.87 0.00	34.60 2.88 0.00	37.90 3.17 -0.21	41.01 3.72 0.00	45.46 4.34 0.00	45.44 4.58 0.00	46.69 4.98 0.00	69.13 4.58 -28.39	59.41 4.52 -20.72	58.00 4.92 -16.11	69.34 4.94 -24.96	94.49 6.02 -41.74	69.29 6.75 -11.08	109.85 10.02 -24.33	97.42 6.87 -36.14	75.51 3.05 -42.72	62.05 3.49 -23.51	52.76 3.99 -10.17	43.00 4.07 -1.38	39.88 3.69 -0.05	44.92 3.41 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	39.95 3.58 -0.21	39.18 3.38 0.00	35.65 3.02 -0.57	34.60 2.87 0.00	34.60 2.88 0.00	37.90 3.17 -0.21	41.01 3.72 0.00	45.46 4.34 0.00	45.44 4.58 0.00	46.69 4.98 0.00	69.13 4.58 -28.39	59.41 4.52 -20.72	58.00 4.92 -16.11	69.34 4.94 -24.96	94.49 6.02 -41.74	69.29 6.75 -11.08	109.85 10.02 -24.33	97.42 6.87 -36.14	75.51 3.05 -42.72	62.05 3.49 -23.51	52.76 3.99 -10.17	43.00 4.07 -1.38	39.88 3.69 -0.05	44.92 3.41 0.00
HEMPSTEAD____ 23647	45.90 3.60 -6.13	39.13 3.32 0.00	35.52 2.89 -0.57	34.45 2.72 0.00	34.53 2.80 0.00	37.87 3.14 -0.21	40.99 3.69 0.00	45.38 4.25 0.00	45.39 4.47 -0.06	47.13 4.77 -0.66	102.08 4.35 -61.57	85.55 4.35 -47.04	144.43 4.78 -102.68	165.47 4.90 -121.13	285.16 6.00 -232.43	447.89 6.46 -389.97	470.45 9.68 -385.27	419.37 6.53 -358.43	394.65 3.18 -361.72	173.11 3.66 -134.39	143.04 4.04 -100.39	142.96 4.05 -101.36	386.10 3.66 -346.30	44.90 3.38 0.00
HICKLING___1 23621	40.92 -0.33 -5.09	43.20 -0.74 -8.13	32.47 -0.63 -1.04	38.18 -0.60 -7.05	37.77 -0.50 -6.54	38.43 -0.49 -4.40	43.91 -0.43 -7.05	49.32 -0.15 -8.35	42.45 0.02 -1.56	42.64 -0.02 -0.96	36.87 0.11 -0.61	34.28 0.12 0.00	37.07 0.10 0.00	37.49 -0.33 1.62	49.25 -0.35 -2.87	52.31 -0.41 -1.26	35.08 -0.79 39.64	43.61 -0.66 10.14	29.12 -0.29 0.33	35.12 -0.56 -0.62	38.52 -0.63 -0.54	23.34 -0.76 13.44	34.91 -0.68 0.55	28.70 -1.06 11.76
HICKLING___2 23622	40.92 -0.33 -5.09	43.20 -0.74 -8.13	32.47 -0.63 -1.04	38.18 -0.60 -7.05	37.77 -0.50 -6.54	38.43 -0.49 -4.40	43.91 -0.43 -7.05	49.32 -0.15 -8.35	42.45 0.02 -1.56	42.64 -0.02 -0.96	36.87 0.11 -0.61	34.28 0.12 0.00	37.07 0.10 0.00	37.49 -0.33 1.62	49.25 -0.35 -2.87	52.31 -0.41 -1.26	35.08 -0.79 39.64	43.61 -0.66 10.14	29.12 -0.29 0.33	35.12 -0.56 -0.62	38.52 -0.63 -0.54	23.34 -0.76 13.44	34.91 -0.68 0.55	28.70 -1.06 11.76
HIGH FALLS___HY 23754	39.55 3.18 -0.22	38.78 2.98 0.00	35.27 2.63 -0.60	34.24 2.51 0.00	34.26 2.54 0.00	37.54 2.80 -0.22	40.57 3.27 0.00	44.97 3.84 0.00	44.79 3.93 0.00	45.87 4.17 0.00	40.18 3.79 -0.24	41.80 3.87 -3.77	42.87 4.38 -1.52	50.26 4.16 -6.67	66.04 5.26 -14.05	62.46 5.90 -5.10	99.28 9.06 -14.71	70.85 6.04 -10.41	32.73 2.99 0.00	38.32 3.27 0.00	42.25 3.62 -0.02	42.66 3.67 -1.44	39.47 3.28 -0.06	44.63 3.12 0.00
HIGH_RIVER___SOLAR 323847	37.64 1.48 0.00	37.26 1.45 0.00	33.39 1.34 0.00	33.09 1.36 0.00	33.07 1.34 0.00	35.98 1.46 0.00	38.78 1.48 0.00	42.69 1.57 0.00	42.49 1.63 0.00	43.22 1.52 0.00	37.30 1.14 0.00	35.01 0.85 0.00	37.88 0.91 0.00	40.40 0.96 0.00	47.83 1.10 0.00	52.48 1.02 0.00	77.47 1.96 0.00	55.97 1.56 0.00	30.77 1.03 0.00	36.42 1.36 0.00	40.19 1.58 0.00	39.07 1.53 0.00	37.57 1.43 0.00	42.99 1.48 0.00
HILLBURN___GT 23639	39.25 2.86 -0.22	38.49 2.68 0.00	35.04 2.38 -0.61	33.97 2.24 0.00	33.98 2.26 0.00	37.27 2.53 -0.22	40.30 3.01 0.00	44.60 3.48 0.00	44.52 3.66 0.00	45.69 3.99 0.00	39.06 3.71 0.81	70.25 3.80 -32.28	52.91 4.10 -11.83	98.55 4.22 -54.89	171.86 5.26 -119.88	100.64 5.67 -43.52	178.41 8.40 -94.51	166.50 5.71 -106.39	121.88 2.71 -89.43	89.39 3.11 -51.22	64.19 3.45 -22.13	42.38 3.37 -1.47	39.24 3.04 -0.06	44.44 2.93 0.00
HILLSIDE_115KV_TB1 80332	38.96 -0.52 -3.32	40.89 -0.98 -6.06	29.70 -0.80 1.54	36.61 -0.75 -5.62	36.61 -0.65 -5.53	36.96 -0.64 -3.08	42.56 -0.62 -5.88	47.46 -0.40 -6.73	41.99 -0.22 -1.35	42.31 -0.31 -0.92	36.57 -0.15 -0.57	34.08 -0.08 0.00	36.90 -0.08 0.00	36.96 -0.48 2.00	48.80 -0.47 -2.54	51.98 -0.59 -1.11	26.66 -1.23 47.61	41.72 -1.02 11.66	28.88 -0.48 0.38	34.76 -0.78 -0.48	37.98 -0.93 -0.30	20.14 -1.06 16.35	34.55 -0.93 0.66	25.77 -1.37 14.37

HISHELDN_WT_PWR 323625	-5.71 -2.00 39.87	-5.81 -2.34 39.27	-8.43 -2.20 38.28	-7.65 -2.14 37.24	-7.75 -2.16 37.31	-6.77 -2.35 38.95	-4.45 -2.38 39.37	-1.15 -2.20 40.08	34.12 -2.34 4.40	38.06 -2.47 1.17	31.61 -2.09 2.45	32.28 -1.89 0.00	34.59 -2.38 0.00	34.68 -2.80 1.95	25.52 -3.39 17.81	40.14 -3.53 7.79	48.20 -5.35 21.96	47.20 -3.83 3.38	26.14 -2.04 1.56	29.15 -2.72 3.19	32.06 -2.69 3.86	25.34 -2.74 9.46	33.41 -2.47 0.26	34.36 -2.61 4.53
HOLTSVILLE_IC_1 23690	46.21 3.91 -6.13	39.53 3.72 0.00	35.84 3.22 -0.57	34.75 3.02 0.00	34.93 3.20 0.00	38.35 3.62 -0.21	41.45 4.16 0.00	45.82 4.69 0.00	45.76 4.83 -0.06	47.31 4.95 -0.66	80.26 4.62 -39.48	61.94 4.40 -23.37	86.86 4.75 -45.14	104.82 4.86 -60.52	243.99 5.82 -191.44	437.71 6.16 -380.10	458.72 9.13 -374.08	408.20 6.08 -347.71	375.48 3.14 -342.59	104.61 3.76 -65.79	100.68 4.42 -57.65	100.16 4.23 -58.39	368.87 3.76 -328.97	44.98 3.48 0.00
HOLTSVILLE_IC_10 23699	46.40 4.11 -6.13	39.70 3.90 0.00	35.99 3.37 -0.57	34.90 3.17 0.00	35.08 3.36 0.00	38.52 3.79 -0.21	41.64 4.34 0.00	46.05 4.92 0.00	45.99 5.07 -0.06	47.54 5.19 -0.66	81.03 4.85 -40.03	62.73 4.62 -23.95	88.52 5.00 -46.55	106.58 5.14 -62.01	245.31 6.14 -192.44	438.34 6.54 -380.34	459.32 9.46 -374.36	408.61 6.24 -347.97	376.15 3.35 -343.06	106.53 4.01 -67.47	102.02 4.72 -58.69	101.47 4.47 -59.45	369.51 3.98 -329.40	45.23 3.72 0.00
HOLTSVILLE_IC_2 23691	46.21 3.91 -6.13	39.53 3.72 0.00	35.84 3.22 -0.57	34.75 3.02 0.00	34.93 3.20 0.00	38.35 3.62 -0.21	41.45 4.16 0.00	45.82 4.69 0.00	45.76 4.83 -0.06	47.31 4.95 -0.66	80.26 4.62 -39.48	61.94 4.40 -23.37	86.86 4.75 -45.14	104.82 4.86 -60.52	243.99 5.82 -191.44	437.71 6.16 -380.10	458.72 9.13 -374.08	408.20 6.08 -347.71	375.48 3.14 -342.59	104.61 3.76 -65.79	100.68 4.42 -57.65	100.16 4.23 -58.39	368.87 3.76 -328.97	44.98 3.48 0.00
HOLTSVILLE_IC_3 23692	46.21 3.91 -6.13	39.53 3.72 0.00	35.84 3.22 -0.57	34.75 3.02 0.00	34.93 3.20 0.00	38.35 3.62 -0.21	41.45 4.16 0.00	45.82 4.69 0.00	45.76 4.83 -0.06	47.31 4.95 -0.66	80.26 4.62 -39.48	61.94 4.40 -23.37	86.86 4.75 -45.14	104.82 4.86 -60.52	243.99 5.82 -191.44	437.71 6.16 -380.10	458.72 9.13 -374.08	408.20 6.08 -347.71	375.48 3.14 -342.59	104.61 3.76 -65.79	100.68 4.42 -57.65	100.16 4.23 -58.39	368.87 3.76 -328.97	44.98 3.48 0.00
HOLTSVILLE_IC_4 23693	46.21 3.91 -6.13	39.53 3.72 0.00	35.84 3.22 -0.57	34.75 3.02 0.00	34.93 3.20 0.00	38.35 3.62 -0.21	41.45 4.16 0.00	45.82 4.69 0.00	45.76 4.83 -0.06	47.31 4.95 -0.66	80.26 4.62 -39.48	61.94 4.40 -23.37	86.86 4.75 -45.14	104.82 4.86 -60.52	243.99 5.82 -191.44	437.71 6.16 -380.10	458.72 9.13 -374.08	408.20 6.08 -347.71	375.48 3.14 -342.59	104.61 3.76 -65.79	100.68 4.42 -57.65	100.16 4.23 -58.39	368.87 3.76 -328.97	44.98 3.48 0.00
HOLTSVILLE_IC_5 23694	46.21 3.91 -6.13	39.53 3.72 0.00	35.84 3.22 -0.57	34.75 3.02 0.00	34.93 3.20 0.00	38.35 3.62 -0.21	41.45 4.16 0.00	45.82 4.69 0.00	45.76 4.83 -0.06	47.31 4.95 -0.66	80.26 4.62 -39.48	61.94 4.40 -23.37	86.86 4.75 -45.14	104.82 4.86 -60.52	243.99 5.82 -191.44	437.71 6.16 -380.10	458.72 9.13 -374.08	408.20 6.08 -347.71	375.48 3.14 -342.59	104.61 3.76 -65.79	100.68 4.42 -57.65	100.16 4.23 -58.39	368.87 3.76 -328.97	44.98 3.48 0.00
HOLTSVILLE_IC_6 23695	46.40 4.11 -6.13	39.70 3.90 0.00	35.99 3.37 -0.57	34.90 3.17 0.00	35.08 3.36 0.00	38.52 3.79 -0.21	41.64 4.34 0.00	46.05 4.92 0.00	45.99 5.07 -0.06	47.54 5.19 -0.66	81.03 4.85 -40.03	62.73 4.62 -23.95	88.52 5.00 -46.55	106.58 5.14 -62.01	245.31 6.14 -192.44	438.34 6.54 -380.34	459.32 9.46 -374.36	408.61 6.24 -347.97	376.15 3.35 -343.06	106.53 4.01 -67.47	102.02 4.72 -58.69	101.47 4.47 -59.45	369.51 3.98 -329.40	45.23 3.72 0.00
HOLTSVILLE_IC_7 23696	46.40 4.11 -6.13	39.70 3.90 0.00	35.99 3.37 -0.57	34.90 3.17 0.00	35.08 3.36 0.00	38.52 3.79 -0.21	41.64 4.34 0.00	46.05 4.92 0.00	45.99 5.07 -0.06	47.54 5.19 -0.66	81.03 4.85 -40.03	62.73 4.62 -23.95	88.52 5.00 -46.55	106.58 5.14 -62.01	245.31 6.14 -192.44	438.34 6.54 -380.34	459.32 9.46 -374.36	408.61 6.24 -347.97	376.15 3.35 -343.06	106.53 4.01 -67.47	102.02 4.72 -58.69	101.47 4.47 -59.45	369.51 3.98 -329.40	45.23 3.72 0.00
HOLTSVILLE_IC_8 23697	46.40 4.11 -6.13	39.70 3.90 0.00	35.99 3.37 -0.57	34.90 3.17 0.00	35.08 3.36 0.00	38.52 3.79 -0.21	41.64 4.34 0.00	46.05 4.92 0.00	45.99 5.07 -0.06	47.54 5.19 -0.66	81.03 4.85 -40.03	62.73 4.62 -23.95	88.52 5.00 -46.55	106.58 5.14 -62.01	245.31 6.14 -192.44	438.34 6.54 -380.34	459.32 9.46 -374.36	408.61 6.24 -347.97	376.15 3.35 -343.06	106.53 4.01 -67.47	102.02 4.72 -58.69	101.47 4.47 -59.45	369.51 3.98 -329.40	45.23 3.72 0.00
HOLTSVILLE_IC_9 23698	46.40 4.11 -6.13	39.70 3.90 0.00	35.99 3.37 -0.57	34.90 3.17 0.00	35.08 3.36 0.00	38.52 3.79 -0.21	41.64 4.34 0.00	46.05 4.92 0.00	45.99 5.07 -0.06	47.54 5.19 -0.66	81.03 4.85 -40.03	62.73 4.62 -23.95	88.52 5.00 -46.55	106.58 5.14 -62.01	245.31 6.14 -192.44	438.34 6.54 -380.34	459.32 9.46 -374.36	408.61 6.24 -347.97	376.15 3.35 -343.06	106.53 4.01 -67.47	102.02 4.72 -58.69	101.47 4.47 -59.45	369.51 3.98 -329.40	45.23 3.72 0.00
HOMER_HL_115KV_TB2 355744	19.43 -1.18 15.55	19.38 -1.64 14.79	14.62 -1.49 15.94	16.37 -1.36 14.01	16.40 -1.31 14.02	17.98 -1.36 15.19	21.21 -1.31 14.77	24.94 -1.12 15.06	37.85 -1.34 1.68	39.73 -1.52 0.45	33.94 -1.28 0.93	33.00 -1.16 0.00	35.57 -1.40 0.00	36.48 -1.73 1.22	37.90 -2.05 6.78	46.09 -2.40 2.97	52.64 -3.88 18.98	48.20 -2.98 3.22	27.50 -1.65 0.60	31.71 -2.13 1.22	34.89 -2.19 1.53	27.92 -2.28 7.34	33.76 -2.14 0.24	35.33 -2.40 3.78
HOWARD_WT_PWR 323690	86.99 -2.27 -53.09	88.86 -2.14 -55.20	75.97 -2.07 -45.99	81.63 -2.33 -52.24	81.90 -2.08 -52.25	83.85 -2.39 -51.71	90.39 -2.10 -55.19	96.12 -1.74 -56.74	46.06 -1.46 -6.66	42.63 -1.29 -2.23	38.70 -1.02 -3.56	33.18 -0.98 0.00	35.41 -1.57 0.00	37.71 -2.02 -0.30	68.84 -2.45 -24.57	59.81 -2.38 -10.74	49.56 -3.19 22.74	44.78 -2.20 7.43	30.29 -1.11 -1.65	37.86 -1.60 -4.41	42.20 -1.46 -5.05	30.49 -1.54 5.52	34.26 -1.50 0.38	32.10 -1.83 7.58
HQ_GEN_CEDARS 23644	30.95 -0.89 4.32	26.23 -0.73 8.85	22.95 -0.76 8.34	22.67 -0.76 8.29	22.71 -0.72 8.30	25.85 -0.80 7.88	26.45 -0.92 9.93	29.43 -1.09 10.61	31.18 -0.94 8.74	29.95 -1.08 10.68	26.14 -1.16 8.86	23.59 -1.22 9.35	25.93 -1.31 9.74	28.26 -1.10 10.08	34.25 -1.35 11.13	38.82 -1.38 11.25	58.87 -2.18 14.46	41.02 -1.22 12.17	20.39 -0.55 8.79	27.46 -0.45 7.14	35.60 -0.30 2.71	34.18 -0.32 3.05	35.75 -0.39 0.00	41.16 -0.36 0.00
HQ_GEN_CEDARS_PROXY 323590	30.95 -0.89 4.32	26.23 -0.73 8.85	22.95 -0.76 8.34	22.67 -0.76 8.29	22.71 -0.72 8.30	24.93 -0.80 8.79	26.45 -0.92 9.93	29.43 -1.09 10.61	31.18 -0.93 8.74	29.95 -1.08 10.68	26.14 -1.16 8.86	23.59 -1.22 9.35	25.93 -1.31 9.74	28.27 -1.09 10.08	34.25 -1.35 11.13	38.84 -1.36 11.25	58.87 -2.17 14.46	41.03 -1.21 12.17	20.38 -0.57 8.79	27.46 -0.45 7.14	35.60 -0.30 2.71	34.18 -0.31 3.05	35.75 -0.39 0.00	41.16 -0.35 0.00

HQ_GEN_CHPE_PROXY 323851	39.84 3.20 -0.48	38.93 3.03 -0.10	35.35 2.73 -0.57	34.31 2.58 0.00	34.32 2.60 0.00	37.59 2.85 -0.21	40.63 3.34 0.00	44.99 3.86 0.00	44.97 4.10 0.00	46.20 4.49 0.00	69.05 4.14 -28.75	59.17 4.16 -20.85	57.71 4.48 -16.26	69.02 4.55 -25.04	94.05 5.57 -41.75	48.85 5.99 8.60	57.20 8.93 27.23	73.31 6.05 -12.86	81.43 2.78 -48.91	61.76 3.19 -23.51	52.36 3.59 -10.17	42.56 3.63 -1.38	39.50 3.31 -0.05	43.89 3.11 0.73
HQ_GEN_IMPORT 323601	36.16 -0.27 -0.27	35.71 -0.19 -0.10	31.83 -0.21 0.00	31.51 -0.23 0.00	31.50 -0.22 0.00	34.29 -0.24 0.00	37.05 -0.24 0.00	40.83 -0.29 0.00	40.58 -0.29 0.00	41.39 -0.31 0.00	35.87 -0.29 0.00	33.86 -0.30 0.00	36.70 -0.27 0.00	39.28 -0.16 0.00	46.49 -0.24 0.00	51.24 -0.22 0.00	75.14 -0.36 0.00	54.23 -0.17 0.00	35.89 -0.08 -6.23	35.01 -0.05 0.00	38.52 -0.09 0.00	37.45 -0.09 0.00	36.03 -0.11 0.00	40.66 -0.12 0.73
HQ_GEN_WHEEL 23651	36.16 -0.27 -0.27	35.71 -0.19 -0.10	31.83 -0.21 0.00	31.51 -0.23 0.00	31.50 -0.22 0.00	34.29 -0.24 0.00	37.05 -0.24 0.00	40.83 -0.29 0.00	40.58 -0.29 0.00	41.39 -0.31 0.00	35.87 -0.29 0.00	33.86 -0.30 0.00	36.70 -0.27 0.00	39.28 -0.16 0.00	46.49 -0.24 0.00	51.24 -0.22 0.00	75.14 -0.36 0.00	54.23 -0.17 0.00	35.89 -0.08 -6.23	35.01 -0.05 0.00	38.52 -0.09 0.00	37.45 -0.09 0.00	36.03 -0.11 0.00	40.66 -0.12 0.73
HUDSON_AVE_GT_3 23810	39.62 3.25 -0.21	38.89 3.08 0.00	35.38 2.76 -0.57	34.34 2.61 0.00	34.35 2.63 0.00	37.62 2.89 -0.21	40.69 3.39 0.00	45.06 3.94 0.00	45.04 4.18 0.00	46.27 4.57 0.00	69.78 4.21 -29.42	59.46 4.23 -21.07	58.06 4.55 -16.54	69.25 4.64 -25.18	94.17 5.68 -41.76	82.67 6.12 -25.09	146.22 9.10 -61.62	113.13 6.17 -52.55	75.16 2.82 -42.60	61.81 3.24 -23.51	52.42 3.64 -10.17	42.60 3.67 -1.38	39.54 3.35 -0.05	44.66 3.15 0.00
HUDSON_AVE_GT_4 23540	39.62 3.25 -0.21	38.89 3.08 0.00	35.38 2.76 -0.57	34.34 2.61 0.00	34.35 2.63 0.00	37.62 2.89 -0.21	40.69 3.39 0.00	45.06 3.94 0.00	45.04 4.18 0.00	46.27 4.57 0.00	69.78 4.21 -29.42	59.46 4.23 -21.07	58.06 4.55 -16.54	69.25 4.64 -25.18	94.17 5.68 -41.76	82.67 6.12 -25.09	146.22 9.10 -61.62	113.13 6.17 -52.55	75.16 2.82 -42.60	61.81 3.24 -23.51	52.42 3.64 -10.17	42.60 3.67 -1.38	39.54 3.35 -0.05	44.66 3.15 0.00
HUDSON_AVE_GT_5 23657	39.62 3.25 -0.21	38.89 3.08 0.00	35.38 2.76 -0.57	34.34 2.61 0.00	34.35 2.63 0.00	37.62 2.89 -0.21	40.69 3.39 0.00	45.06 3.94 0.00	45.04 4.18 0.00	46.27 4.57 0.00	69.78 4.21 -29.42	59.46 4.23 -21.07	58.06 4.55 -16.54	69.25 4.64 -25.18	94.17 5.68 -41.76	82.67 6.12 -25.09	146.22 9.10 -61.62	113.13 6.17 -52.55	75.16 2.82 -42.60	61.81 3.24 -23.51	52.42 3.64 -10.17	42.60 3.67 -1.38	39.54 3.35 -0.05	44.66 3.15 0.00
HUDSON_AVE_10 24168	39.56 3.19 -0.21	38.83 3.02 0.00	35.35 2.73 -0.57	34.30 2.57 0.00	34.30 2.57 0.00	37.55 2.82 -0.21	40.61 3.31 0.00	45.00 3.87 0.00	45.00 4.14 0.00	46.24 4.53 0.00	69.70 4.13 -29.42	59.41 4.17 -21.07	57.98 4.47 -16.54	69.19 4.58 -25.18	94.09 5.61 -41.76	82.55 6.00 -25.09	146.07 8.94 -61.62	112.99 6.03 -52.55	75.12 2.78 -42.60	61.75 3.18 -23.51	52.35 3.58 -10.17	42.56 3.63 -1.38	39.49 3.30 -0.05	44.58 3.06 0.00
HUDSON___115KV_TB 4 355613	37.92 1.75 0.00	37.61 1.80 0.00	33.72 1.67 0.00	33.37 1.64 0.00	33.35 1.63 0.00	36.29 1.77 0.00	39.24 1.94 0.00	43.14 2.01 0.00	42.42 1.56 0.00	43.18 1.48 0.00	37.57 1.41 0.00	35.54 1.37 0.00	38.45 1.47 0.00	40.91 1.47 0.00	48.47 1.74 0.00	53.42 1.96 0.00	79.00 3.49 0.00	59.60 2.38 -2.81	31.55 1.24 -0.57	36.59 1.53 0.00	40.36 1.75 0.00	39.20 1.65 0.00	37.70 1.56 0.00	43.17 1.66 0.00
HUNTER MOUNT___DRP 323613	38.02 1.86 0.00	37.70 1.89 0.00	33.81 1.76 0.00	33.46 1.73 0.00	33.45 1.73 0.00	36.42 1.89 0.00	39.38 2.09 0.00	43.33 2.21 0.00	42.60 1.74 0.00	43.33 1.62 0.00	37.73 1.57 0.00	35.67 1.50 0.00	38.58 1.60 0.00	41.05 1.61 0.00	48.65 1.92 0.00	53.48 2.02 0.00	79.22 3.72 0.00	59.78 2.55 -2.83	31.64 1.33 -0.58	36.68 1.63 0.00	40.45 1.85 0.00	39.27 1.73 0.00	37.76 1.63 0.00	43.28 1.77 0.00
HUNTINGTON_RES_REC 323705	46.21 3.91 -6.13	39.48 3.67 0.00	35.80 3.18 -0.57	34.71 2.98 0.00	34.85 3.13 0.00	38.25 3.51 -0.21	41.38 4.09 0.00	45.74 4.61 0.00	45.69 4.76 -0.06	47.29 4.93 -0.66	80.90 4.59 -40.15	62.74 4.49 -24.09	88.74 4.89 -46.87	106.83 5.05 -62.35	245.47 6.07 -192.67	438.40 6.55 -380.39	459.72 9.80 -374.42	408.92 6.48 -348.03	376.17 3.26 -343.17	106.75 3.84 -67.86	101.95 4.41 -58.93	101.45 4.21 -59.69	369.37 3.73 -329.49	44.95 3.44 0.00
HUNTLEY___63 23557	18.48 -1.22 16.47	18.32 -1.66 15.83	13.88 -1.64 16.54	15.21 -1.52 15.00	15.13 -1.56 15.03	16.75 -1.68 16.09	19.66 -1.87 15.77	23.33 -1.75 16.04	36.95 -2.15 1.77	38.92 -2.31 0.47	33.15 -2.02 0.99	32.34 -1.83 0.00	34.51 -2.47 0.00	35.65 -2.65 1.13	36.41 -3.16 7.16	44.97 -3.34 3.14	53.90 -5.02 16.58	47.99 -3.65 2.77	27.03 -2.09 0.63	30.98 -2.79 1.30	34.33 -2.68 1.60	28.34 -2.68 6.52	33.54 -2.39 0.21	35.73 -2.38 3.40
HUNTLEY___64 23558	18.48 -1.22 16.47	18.32 -1.66 15.83	13.88 -1.64 16.54	15.21 -1.52 15.00	15.13 -1.56 15.03	16.75 -1.68 16.09	19.66 -1.87 15.77	23.33 -1.75 16.04	36.95 -2.15 1.77	38.92 -2.31 0.47	33.15 -2.02 0.99	32.34 -1.83 0.00	34.51 -2.47 0.00	35.65 -2.65 1.13	36.41 -3.16 7.16	44.97 -3.34 3.14	53.90 -5.02 16.58	47.99 -3.65 2.77	27.03 -2.09 0.63	30.98 -2.79 1.30	34.33 -2.68 1.60	28.34 -2.68 6.52	33.54 -2.39 0.21	35.73 -2.38 3.40
HUNTLEY___65 23559	18.48 -1.22 16.47	18.32 -1.66 15.83	13.88 -1.64 16.54	15.21 -1.52 15.00	15.13 -1.56 15.03	16.75 -1.68 16.09	19.66 -1.87 15.77	23.33 -1.75 16.04	36.95 -2.15 1.77	38.92 -2.31 0.47	33.15 -2.02 0.99	32.34 -1.83 0.00	34.51 -2.47 0.00	35.65 -2.65 1.13	36.41 -3.16 7.16	44.97 -3.34 3.14	53.90 -5.02 16.58	47.99 -3.65 2.77	27.03 -2.09 0.63	30.98 -2.79 1.30	34.33 -2.68 1.60	28.34 -2.68 6.52	33.54 -2.39 0.21	35.73 -2.38 3.40
HUNTLEY___66 23560	18.48 -1.22 16.47	18.32 -1.66 15.83	13.88 -1.64 16.54	15.21 -1.52 15.00	15.13 -1.56 15.03	16.75 -1.68 16.09	19.66 -1.87 15.77	23.33 -1.75 16.04	36.95 -2.15 1.77	38.92 -2.31 0.47	33.15 -2.02 0.99	32.34 -1.83 0.00	34.51 -2.47 0.00	35.65 -2.65 1.13	36.41 -3.16 7.16	44.97 -3.34 3.14	53.90 -5.02 16.58	47.99 -3.65 2.77	27.03 -2.09 0.63	30.98 -2.79 1.30	34.33 -2.68 1.60	28.34 -2.68 6.52	33.54 -2.39 0.21	35.73 -2.38 3.40
HUNTLEY___67 23561	16.09 -2.07 18.00	15.94 -2.51 17.36	11.74 -2.33 17.97	13.04 -2.23 16.46	13.01 -2.23 16.48	14.52 -2.42 17.59	17.21 -2.67 17.41	20.76 -2.71 17.66	35.82 -3.20 1.84	37.87 -3.34 0.49	32.25 -2.88 1.03	31.51 -2.65 0.00	33.74 -3.24 0.00	34.73 -3.55 1.15	34.98 -4.30 7.45	43.70 -4.50 3.25	52.01 -6.46 17.04	46.72 -4.92 2.77	26.28 -2.81 0.65	30.13 -3.60 1.33	33.39 -3.56 1.66	27.38 -3.59 6.58	32.73 -3.20 0.21	34.85 -3.24 3.42



HUNTLEY___68 23562	16.09 -2.07 18.00	15.94 -2.51 17.36	11.74 -2.33 17.97	13.04 -2.23 16.46	13.01 -2.23 16.48	14.52 -2.42 17.59	17.21 -2.67 17.41	20.76 -2.71 17.66	35.82 -3.20 1.84	37.87 -3.34 0.49	32.25 -2.88 1.03	31.51 -2.65 0.00	33.74 -3.24 0.00	34.73 -3.55 1.15	34.98 -4.30 7.45	43.70 -4.50 3.25	52.01 -6.46 17.04	46.72 -4.92 2.77	26.28 -2.81 0.65	30.13 -3.60 1.33	33.39 -3.56 1.66	27.38 -3.59 6.58	32.73 -3.20 0.21	34.85 -3.24 3.42
HYLAND___LFGE 323620	85.95 0.81 -48.98	86.71 0.38 -50.52	75.30 0.21 -43.04	79.78 0.20 -47.85	79.87 0.24 -47.90	81.34 -0.94 -47.75	85.40 -2.48 -50.59	90.48 -2.42 -51.77	44.61 -2.14 -5.88	40.84 -2.68 -1.81	36.70 -2.66 -3.20	31.51 -2.66 0.00	33.78 -3.20 0.00	36.26 -3.74 -0.57	63.81 -5.47 -22.55	55.61 -5.70 -9.86	53.08 -7.95 14.47	45.63 -5.38 3.39	28.84 -2.88 -1.98	36.36 -2.73 -4.04	41.90 -1.37 -4.66	35.06 0.35 2.83	36.15 0.27 0.26	36.90 0.21 4.82
INDECK___CORINTH 23802	38.69 2.53 0.00	38.39 2.59 0.00	34.36 2.31 0.00	34.00 2.27 0.00	33.99 2.27 0.00	37.16 2.63 0.00	40.32 3.02 0.00	44.46 3.34 0.00	44.06 3.20 0.00	45.25 3.55 0.00	39.01 2.85 0.00	36.80 2.63 0.00	39.76 2.78 0.00	42.06 2.63 0.00	49.80 3.08 0.00	54.94 3.48 0.00	80.84 5.33 0.00	60.78 3.93 -2.44	32.47 2.23 -0.50	37.62 2.56 0.00	41.48 2.88 0.00	40.42 2.87 0.00	38.74 2.61 0.00	44.29 2.78 0.00
INDECK___ILION 23567	40.90 2.99 -1.75	42.39 3.01 -3.57	38.32 2.90 -3.37	37.90 2.82 -3.35	37.83 2.75 -3.35	40.56 2.89 -3.15	43.77 2.90 -3.57	48.21 3.27 -3.81	47.28 3.28 -3.14	48.59 3.05 -3.84	41.93 2.59 -3.19	39.53 2.00 -3.36	43.03 2.55 -3.50	45.72 2.66 -3.62	54.06 3.34 -4.00	58.42 2.92 -4.05	85.40 4.67 -5.22	61.93 3.15 -4.38	34.93 2.03 -3.16	40.31 2.67 -2.58	42.63 2.93 -1.10	41.58 2.80 -1.23	38.76 2.62 0.00	43.96 2.45 0.00
INDECK___OLEAN 23982	19.48 -1.13 15.55	19.43 -1.59 14.79	14.62 -1.49 15.94	16.39 -1.33 14.01	16.43 -1.28 14.02	18.00 -1.33 15.19	21.25 -1.27 14.77	25.00 -1.06 15.06	37.86 -1.33 1.68	39.75 -1.51 0.45	33.96 -1.26 0.93	33.03 -1.13 0.00	35.61 -1.36 0.00	36.51 -1.70 1.22	37.93 -2.02 6.78	46.10 -2.39 2.97	52.58 -3.94 18.98	48.19 -3.00 3.22	27.57 -1.58 0.60	31.74 -2.10 1.22	34.91 -2.17 1.53	27.88 -2.33 7.34	33.73 -2.16 0.24	35.32 -2.41 3.78
INDECK___OSWEGO 23783	34.37 -0.75 1.04	33.21 -0.84 1.75	29.12 -0.75 2.17	29.39 -0.70 1.64	29.37 -0.71 1.64	32.02 -0.77 1.74	34.72 -0.90 1.68	43.16 -1.00 -3.04	43.43 -1.01 -3.58	44.28 -1.03 -3.60	35.22 -0.91 0.03	31.53 -0.88 1.76	34.12 -1.03 1.83	36.10 -1.27 2.06	43.09 -1.54 2.09	47.65 -1.69 2.11	66.29 -2.49 6.73	49.77 -1.70 2.94	27.26 -0.83 1.65	32.64 -1.07 1.34	36.90 -1.15 0.55	34.54 -1.14 1.87	35.05 -1.04 0.05	40.51 -1.01 0.00
INDECK___YERKES 23781	18.59 -1.11 16.47	18.44 -1.53 15.83	13.93 -1.59 16.54	15.29 -1.44 15.00	15.21 -1.49 15.03	16.84 -1.59 16.09	19.77 -1.76 15.77	23.50 -1.59 16.04	37.03 -2.06 1.77	38.97 -2.26 0.47	33.23 -1.94 0.99	32.43 -1.74 0.00	34.62 -2.35 0.00	35.76 -2.55 1.13	36.52 -3.05 7.16	45.06 -3.26 3.14	53.92 -5.00 16.58	48.04 -3.60 2.77	27.18 -1.93 0.63	31.08 -2.68 1.30	34.40 -2.61 1.60	28.34 -2.68 6.52	33.55 -2.37 0.21	35.76 -2.35 3.40
INDIAN POINT_GT_1 24139	39.23 2.85 -0.21	38.50 2.69 0.00	35.02 2.40 -0.58	34.00 2.27 0.00	34.01 2.28 0.00	37.28 2.54 -0.21	40.29 3.00 0.00	44.60 3.47 0.00	44.51 3.64 0.00	45.66 3.96 0.00	36.28 3.68 3.56	49.96 3.74 -12.06	44.46 4.03 -3.45	65.32 4.13 -21.75	100.52 5.10 -48.70	74.65 5.52 -17.68	124.48 8.28 -40.70	106.68 5.64 -46.63	77.60 2.64 -45.21	63.88 3.01 -25.81	53.11 3.34 -11.16	42.25 3.30 -1.40	39.21 3.01 -0.05	44.39 2.88 0.00
INDIAN POINT_GT_2 23659	39.23 2.85 -0.21	38.50 2.69 0.00	35.02 2.40 -0.58	34.00 2.27 0.00	34.01 2.28 0.00	37.28 2.54 -0.21	40.29 3.00 0.00	44.60 3.47 0.00	44.51 3.64 0.00	45.66 3.96 0.00	36.28 3.68 3.56	49.96 3.74 -12.06	44.46 4.03 -3.45	65.32 4.13 -21.75	100.52 5.10 -48.70	74.65 5.52 -17.68	124.48 8.28 -40.70	106.68 5.64 -46.63	77.60 2.64 -45.21	63.88 3.01 -25.81	53.11 3.34 -11.16	42.25 3.30 -1.40	39.21 3.01 -0.05	44.39 2.88 0.00
INDIAN POINT_GT_3 24019	39.23 2.85 -0.21	38.50 2.69 0.00	35.02 2.40 -0.58	34.00 2.27 0.00	34.01 2.28 0.00	37.28 2.54 -0.21	40.29 3.00 0.00	44.60 3.47 0.00	44.51 3.64 0.00	45.66 3.96 0.00	36.28 3.68 3.56	49.96 3.74 -12.06	44.46 4.03 -3.45	65.32 4.13 -21.75	100.52 5.10 -48.70	74.65 5.52 -17.68	124.48 8.28 -40.70	106.68 5.64 -46.63	77.60 2.64 -45.21	63.88 3.01 -25.81	53.11 3.34 -11.16	42.25 3.30 -1.40	39.21 3.01 -0.05	44.39 2.88 0.00
INDIAN POINT___2 23530	39.20 2.82 -0.21	38.46 2.65 0.00	35.00 2.36 -0.59	33.96 2.23 0.00	33.97 2.24 0.00	37.25 2.51 -0.21	40.26 2.97 0.00	44.56 3.43 0.00	44.47 3.61 0.00	45.62 3.92 0.00	36.43 3.64 3.37	52.24 3.71 -14.37	45.35 4.00 -4.37	69.11 4.09 -25.59	108.78 5.07 -56.98	77.61 5.47 -20.68	130.73 8.22 -47.01	113.63 5.60 -53.63	82.78 2.62 -50.42	66.84 2.99 -28.80	54.39 3.32 -12.45	42.26 3.28 -1.43	39.17 2.98 -0.06	44.36 2.85 0.00
INDIAN POINT___3 23531	39.17 2.80 -0.21	38.45 2.64 0.00	34.98 2.35 -0.58	33.96 2.23 0.00	33.96 2.24 0.00	37.24 2.50 -0.21	40.24 2.95 0.00	44.54 3.41 0.00	44.43 3.57 0.00	45.58 3.88 0.00	36.51 3.62 3.27	50.11 3.69 -12.26	44.56 3.97 -3.62	65.49 4.06 -21.99	100.85 5.03 -49.10	74.71 5.43 -17.82	124.64 8.14 -41.00	106.90 5.53 -46.97	77.76 2.59 -45.43	63.94 2.95 -25.93	53.11 3.28 -11.22	42.20 3.25 -1.40	39.16 2.97 -0.05	44.35 2.83 0.00
INDIANHD_69_KV_BK1 55831	46.33 4.03 -6.13	39.60 3.80 0.00	35.89 3.27 -0.57	34.81 3.08 0.00	34.96 3.23 0.00	38.37 3.63 -0.21	41.50 4.20 0.00	45.90 4.77 0.00	45.85 4.93 -0.06	47.46 5.10 -0.66	81.01 4.75 -40.10	62.82 4.63 -24.03	88.75 5.04 -46.73	106.84 5.20 -62.21	245.52 6.22 -192.57	438.55 6.72 -380.37	459.91 10.01 -374.39	409.06 6.64 -348.01	376.23 3.36 -343.13	106.73 3.97 -67.69	102.02 4.58 -58.83	101.48 4.34 -59.59	369.46 3.86 -329.45	45.08 3.57 0.00
INGHAM_C_115KV_TB7 356103	40.90 2.99 -1.75	42.39 3.01 -3.57	38.32 2.90 -3.37	37.90 2.82 -3.35	37.83 2.75 -3.35	40.56 2.89 -3.15	43.77 2.90 -3.57	48.21 3.27 -3.81	47.28 3.28 -3.14	48.59 3.05 -3.84	41.93 2.59 -3.19	39.53 2.00 -3.36	43.03 2.55 -3.50	45.72 2.66 -3.62	54.06 3.34 -4.00	58.42 2.92 -4.05	85.40 4.67 -5.22	61.93 3.15 -4.38	34.93 2.03 -3.16	40.31 2.67 -2.58	42.63 2.93 -1.10	41.58 2.80 -1.23	38.76 2.62 0.00	43.96 2.45 0.00
IP CORINTH___1 23988	38.72 2.56 0.00	38.39 2.59 0.00	34.36 2.31 0.00	34.00 2.27 0.00	33.99 2.27 0.00	37.16 2.63 0.00	40.32 3.02 0.00	44.46 3.34 0.00	44.06 3.20 0.00	45.25 3.55 0.00	39.01 2.85 0.00	36.80 2.63 0.00	39.76 2.79 0.00	42.07 2.63 0.00	49.80 3.08 0.00	54.95 3.49 0.00	80.84 5.34 0.00	60.78 3.93 -2.44	32.47 2.23 -0.50	37.62 2.57 0.00	41.48 2.87 0.00	40.43 2.88 0.00	38.75 2.61 0.00	44.29 2.78 0.00

IP__TICONDEROGA 23804	39.93 3.77 0.00	39.43 3.62 0.00	35.18 3.14 0.00	34.74 3.01 0.00	34.81 3.08 0.00	38.47 3.95 0.00	42.05 4.75 0.00	46.47 5.35 0.00	45.90 5.04 0.00	47.50 5.80 0.00	40.22 4.06 0.00	37.69 3.53 0.00	40.80 3.82 0.00	42.88 3.45 0.00	51.08 4.35 0.00	56.48 5.02 0.00	83.27 7.77 0.00	62.89 6.02 -2.46	34.09 3.85 -0.50	39.36 4.31 0.00	43.57 4.96 0.00	42.53 4.99 0.00	40.56 4.42 0.00	46.11 4.59 0.00
ISLIP_RES_REC 323679	46.54 4.25 -6.13	39.84 4.03 0.00	36.11 3.49 -0.57	35.00 3.27 0.00	35.20 3.48 0.00	38.64 3.91 -0.21	41.78 4.48 0.00	46.21 5.09 0.00	46.19 5.26 -0.06	47.75 5.39 -0.66	81.60 5.04 -40.40	63.32 4.80 -24.35	89.70 5.21 -47.52	107.86 5.40 -63.03	246.31 6.45 -193.13	438.87 6.91 -380.50	460.09 10.04 -374.54	409.19 6.63 -348.16	376.67 3.54 -343.39	107.93 4.24 -68.63	102.98 4.96 -59.41	102.40 4.68 -60.17	369.98 4.15 -329.69	45.41 3.90 0.00
JAMAICA__27_KV_LOAD 355505	39.70 3.33 -0.21	38.97 3.16 0.00	35.53 2.91 -0.57	34.48 2.74 0.00	34.43 2.71 0.00	37.68 2.94 -0.21	40.69 3.39 0.00	45.13 4.00 0.00	45.20 4.34 0.00	46.41 4.70 0.00	69.71 4.14 -29.42	59.45 4.21 -21.07	57.98 4.47 -16.54	69.26 4.65 -25.18	94.14 5.65 -41.76	82.54 5.99 -25.09	146.08 8.95 -61.62	112.96 6.00 -52.55	75.18 2.84 -42.60	61.84 3.27 -23.51	52.50 3.72 -10.17	42.76 3.83 -1.38	39.68 3.49 -0.05	44.70 3.19 0.00
JANIS__SOLAR 323808	40.70 1.21 -3.33	40.19 0.99 -3.40	36.00 0.89 -3.06	35.92 0.99 -3.20	36.00 1.09 -3.18	39.06 1.30 -3.23	42.13 1.44 -3.40	46.93 1.47 -4.33	43.47 1.31 -1.30	43.91 1.11 -1.09	37.63 0.98 -0.49	35.01 0.84 0.00	37.54 0.57 0.00	40.15 0.62 -0.09	48.90 0.69 -1.48	52.90 0.80 -0.65	77.11 1.32 -0.28	51.71 1.30 4.00	21.85 0.83 8.72	31.42 0.96 4.59	38.21 1.38 1.78	38.89 1.10 -0.25	37.06 0.92 0.00	42.21 0.70 0.00
JARVIS____ 23743	38.17 0.26 -1.75	39.62 0.24 -3.57	35.66 0.23 -3.37	35.33 0.25 -3.35	35.32 0.23 -3.35	37.94 0.26 -3.15	41.15 0.28 -3.57	45.26 0.32 -3.81	44.33 0.33 -3.14	45.88 0.34 -3.84	39.63 0.29 -3.19	37.80 0.27 -3.36	40.77 0.29 -3.50	43.31 0.26 -3.62	51.05 0.32 -4.00	55.84 0.33 -4.05	81.21 0.49 -5.22	59.10 0.32 -4.38	33.08 0.17 -3.16	37.85 0.21 -2.58	39.94 0.24 -1.10	39.00 0.23 -1.23	36.38 0.24 0.00	41.76 0.25 0.00
JENNISON__1 23625	38.00 1.05 -0.78	36.72 0.91 0.00	35.03 0.84 -2.15	32.68 0.95 0.00	32.98 1.25 0.00	36.69 1.39 -0.78	38.75 1.43 -0.02	43.36 1.66 -0.58	42.94 1.47 -0.60	43.99 1.64 -0.65	37.69 1.54 0.01	32.62 1.50 3.04	37.05 1.27 1.20	36.52 1.49 4.40	37.57 1.83 10.98	49.53 2.06 3.99	85.54 3.40 -6.63	45.82 2.39 10.97	17.70 1.36 13.40	29.27 1.56 7.35	37.42 1.91 3.09	44.13 1.39 -5.20	37.58 1.23 -0.20	45.11 0.87 -2.72
JENNISON__2 23626	38.00 1.05 -0.78	36.72 0.91 0.00	35.03 0.84 -2.15	32.68 0.95 0.00	32.98 1.25 0.00	36.69 1.39 -0.78	38.75 1.43 -0.02	43.36 1.66 -0.58	42.94 1.47 -0.60	43.99 1.64 -0.65	37.69 1.54 0.01	32.62 1.50 3.04	37.05 1.27 1.20	36.52 1.49 4.40	37.57 1.83 10.98	49.53 2.06 3.99	85.54 3.40 -6.63	45.82 2.39 10.97	17.70 1.36 13.40	29.27 1.56 7.35	37.42 1.91 3.09	44.13 1.39 -5.20	37.58 1.23 -0.20	45.11 0.87 -2.72
JERICHO_RISE_WT_PWR 323719	31.93 -1.49 2.75	28.93 -1.25 5.63	25.49 -1.26 5.31	25.21 -1.24 5.27	25.32 -1.12 5.28	28.58 -1.17 4.78	32.73 -1.15 3.42	36.14 -1.34 3.65	36.68 -1.17 3.01	35.94 -1.30 4.46	31.74 -1.37 3.05	29.51 -1.43 3.22	32.18 -1.45 3.35	34.71 -1.25 3.47	41.37 -1.53 3.83	46.04 -1.54 3.87	68.13 -2.41 4.97	48.78 -1.44 4.19	26.04 -0.69 3.02	32.03 -0.48 2.54	36.62 -0.27 1.72	35.36 -0.24 1.94	35.80 -0.33 0.00	41.13 -0.39 0.00
KATONAH__115KV_46KV_TB4 355592	39.37 3.00 -0.20	38.64 2.83 0.00	35.12 2.51 -0.56	34.12 2.39 0.00	34.12 2.40 0.00	37.40 2.67 -0.20	40.43 3.14 0.00	44.76 3.64 0.00	44.69 3.83 0.00	45.86 4.16 0.00	41.08 3.88 -1.04	46.31 3.94 -8.21	44.63 4.29 -3.37	57.43 4.41 -13.58	81.00 5.43 -28.85	67.83 5.90 -10.47	109.96 8.85 -25.61	90.08 5.99 -29.68	65.10 2.82 -32.53	56.80 3.20 -18.55	50.15 3.52 -8.03	42.36 3.46 -1.35	39.35 3.16 -0.05	44.53 3.02 0.00
KCE_NY_1 323755	38.35 2.19 0.00	38.01 2.21 0.00	34.06 2.01 0.00	33.70 1.97 0.00	33.69 1.96 0.00	36.73 2.21 0.00	39.77 2.48 0.00	43.82 2.70 0.00	43.50 2.64 0.00	44.54 2.84 0.00	38.51 2.35 0.00	36.39 2.22 0.00	39.29 2.31 0.00	41.73 2.29 0.00	49.45 2.72 0.00	54.50 3.04 0.00	80.07 4.56 0.00	60.13 3.25 -2.48	32.02 1.77 -0.51	37.16 2.10 0.00	40.96 2.35 0.00	39.84 2.30 0.00	38.28 2.15 0.00	43.74 2.23 0.00
KCE_NY_6_ESR 323823	15.42 -1.65 19.10	15.28 -2.09 18.43	11.00 -2.01 19.04	12.38 -1.88 17.47	12.29 -1.94 17.50	13.82 -2.05 18.65	16.71 -2.16 18.42	20.32 -2.03 18.77	36.46 -2.30 2.09	38.71 -2.44 0.56	32.92 -2.07 1.17	32.32 -1.85 0.00	34.59 -2.39 0.00	35.46 -2.71 1.26	34.94 -3.32 8.47	44.28 -3.47 3.71	52.22 -5.46 17.83	47.56 -3.88 2.96	26.89 -2.10 0.74	30.68 -2.85 1.52	33.91 -2.82 1.88	27.51 -2.91 7.12	33.34 -2.58 0.22	35.21 -2.65 3.65
KEDC_PORT_JEFF_GT2 24210	46.33 4.03 -6.13	39.63 3.82 0.00	35.93 3.30 -0.57	34.83 3.09 0.00	35.02 3.29 0.00	38.44 3.71 -0.21	41.56 4.26 0.00	45.94 4.82 0.00	45.90 4.98 -0.06	47.47 5.11 -0.66	80.77 4.79 -39.83	62.46 4.56 -23.73	87.91 4.92 -46.02	105.85 4.96 -61.45	244.51 5.72 -192.07	437.80 6.10 -380.24	458.80 9.04 -374.25	408.25 5.97 -347.88	375.71 3.08 -342.89	105.61 3.71 -66.84	101.34 4.44 -58.30	100.78 4.19 -59.05	369.13 3.75 -329.24	45.06 3.55 0.00
KEDC_PORT_JEFF_GT3 24211	46.33 4.03 -6.13	39.63 3.82 0.00	35.93 3.30 -0.57	34.83 3.09 0.00	35.02 3.29 0.00	38.44 3.71 -0.21	41.56 4.26 0.00	45.94 4.82 0.00	45.90 4.98 -0.06	47.47 5.11 -0.66	80.77 4.79 -39.83	62.46 4.56 -23.73	87.91 4.92 -46.02	105.85 4.96 -61.45	244.51 5.72 -192.07	437.80 6.10 -380.24	458.80 9.04 -374.25	408.25 5.97 -347.88	375.71 3.08 -342.89	105.61 3.71 -66.84	101.34 4.44 -58.30	100.78 4.19 -59.05	369.13 3.75 -329.24	45.06 3.55 0.00
KEDC_GLWD_GT4 24219	45.90 3.60 -6.13	39.17 3.37 0.00	35.57 2.95 -0.57	34.52 2.79 0.00	34.57 2.85 0.00	37.90 3.17 -0.21	41.01 3.71 0.00	45.42 4.29 0.00	45.44 4.51 -0.06	47.22 4.86 -0.66	100.77 4.40 -60.22	84.07 4.32 -45.58	140.85 4.72 -99.16	161.68 4.83 -117.42	282.59 5.95 -229.92	447.23 6.40 -389.37	469.68 9.59 -384.58	418.66 6.48 -357.78	393.40 3.11 -360.55	168.79 3.55 -130.19	140.29 3.91 -97.77	140.15 3.88 -98.73	384.89 3.52 -345.24	45.01 3.49 0.00
KEDC_GLWD_GT5 24220	45.90 3.60 -6.13	39.17 3.37 0.00	35.57 2.95 -0.57	34.52 2.79 0.00	34.57 2.85 0.00	37.90 3.17 -0.21	41.01 3.71 0.00	45.42 4.29 0.00	45.44 4.51 -0.06	47.22 4.86 -0.66	100.77 4.40 -60.22	84.07 4.32 -45.58	140.85 4.72 -99.16	161.68 4.83 -117.42	282.59 5.95 -229.92	447.23 6.40 -389.37	469.68 9.59 -384.58	418.66 6.48 -357.78	393.40 3.11 -360.55	168.79 3.55 -130.19	140.29 3.91 -97.77	140.15 3.88 -98.73	384.89 3.52 -345.24	45.01 3.49 0.00

KENSICO____ 23655	39.35 2.98 -0.21	38.63 2.82 0.00	35.14 2.51 -0.57	34.11 2.38 0.00	34.12 2.40 0.00	37.39 2.66 -0.21	40.43 3.13 0.00	44.76 3.63 0.00	44.68 3.82 0.00	45.86 4.16 0.00	35.26 3.85 4.75	48.28 3.90 -10.22	43.60 4.21 -2.42	62.81 4.30 -19.08	95.41 5.30 -43.39	72.93 5.72 -15.75	120.73 8.57 -36.66	102.40 5.81 -42.19	74.53 2.73 -42.05	62.16 3.11 -24.00	52.45 3.46 -10.38	42.36 3.43 -1.39	39.33 3.14 -0.05	44.50 2.99 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	39.58 3.18 -0.24	38.82 3.01 0.00	35.37 2.66 -0.65	34.28 2.55 0.00	34.30 2.57 0.00	37.61 2.85 -0.24	40.61 3.31 0.00	44.98 3.85 0.00	44.77 3.91 0.00	45.85 4.14 0.00	40.19 3.77 -0.27	42.18 3.83 -4.18	42.93 4.29 -1.66	50.75 4.06 -7.25	67.13 5.12 -15.29	62.73 5.73 -5.55	100.33 8.80 -16.03	71.61 5.88 -11.33	32.67 2.93 0.00	38.22 3.16 0.00	42.16 3.53 -0.03	42.75 3.63 -1.58	39.43 3.23 -0.06	44.61 3.09 0.00
KIAC_JFK_GT1 23816	39.48 3.11 -0.21	38.75 2.94 0.00	35.32 2.70 -0.57	34.28 2.55 0.00	34.23 2.51 0.00	37.46 2.73 -0.21	40.38 3.08 0.00	44.83 3.70 0.00	44.92 4.06 0.00	46.13 4.43 0.00	69.48 3.90 -29.42	59.24 4.00 -21.07	57.74 4.23 -16.54	68.95 4.33 -25.18	93.81 5.32 -41.76	82.15 5.61 -25.09	145.53 8.40 -61.62	112.58 5.62 -52.55	74.96 2.62 -42.60	61.48 2.91 -23.51	52.11 3.33 -10.17	42.49 3.56 -1.38	39.43 3.24 -0.05	44.44 2.93 0.00
KIAC_JFK_GT2 23817	39.48 3.11 -0.21	38.75 2.94 0.00	35.32 2.70 -0.57	34.28 2.55 0.00	34.23 2.51 0.00	37.46 2.73 -0.21	40.38 3.08 0.00	44.83 3.70 0.00	44.92 4.06 0.00	46.13 4.43 0.00	69.48 3.90 -29.42	59.24 4.00 -21.07	57.74 4.23 -16.54	68.95 4.33 -25.18	93.81 5.32 -41.76	82.15 5.61 -25.09	145.53 8.40 -61.62	112.58 5.62 -52.55	74.96 2.62 -42.60	61.48 2.91 -23.51	52.11 3.33 -10.17	42.49 3.56 -1.38	39.43 3.24 -0.05	44.44 2.93 0.00
KIAC_JFK____ 323774	39.47 3.09 -0.21	38.74 2.93 0.00	35.32 2.70 -0.57	34.28 2.55 0.00	34.23 2.50 0.00	37.45 2.72 -0.21	40.37 3.07 0.00	44.82 3.70 0.00	44.92 4.06 0.00	46.13 4.43 0.00	69.48 3.91 -29.42	59.23 3.99 -21.07	57.74 4.23 -16.54	68.95 4.33 -25.18	93.81 5.32 -41.77	82.15 5.61 -25.09	145.55 8.43 -61.62	112.58 5.63 -52.55	74.97 2.62 -42.60	61.48 2.91 -23.51	52.13 3.35 -10.17	42.50 3.57 -1.38	39.43 3.24 -0.05	44.44 2.93 0.00
KINTIGH_24_KV_GSU 356498	23.65 -1.75 10.76	23.51 -2.11 10.18	18.93 -2.02 11.10	20.18 -1.90 9.65	20.16 -1.90 9.67	21.94 -2.06 10.52	24.76 -2.29 10.25	28.33 -2.37 10.43	36.93 -2.81 1.12	38.51 -2.90 0.30	33.07 -2.46 0.63	31.89 -2.27 0.00	34.20 -2.78 0.00	35.50 -3.08 0.86	38.42 -3.78 4.53	45.48 -4.00 1.97	55.79 -5.85 13.87	47.72 -4.35 2.34	26.96 -2.38 0.40	31.15 -3.10 0.80	34.50 -3.08 1.03	29.10 -3.18 5.27	33.13 -2.83 0.18	35.82 -2.87 2.82
KINTIGH____ 23543	23.56 -1.84 10.76	23.41 -2.21 10.18	18.89 -2.06 11.10	20.12 -1.96 9.65	20.10 -1.96 9.67	21.88 -2.13 10.52	24.66 -2.39 10.25	28.22 -2.48 10.43	36.90 -2.84 1.12	38.47 -2.94 0.30	33.00 -2.53 0.63	31.82 -2.34 0.00	34.10 -2.88 0.00	35.41 -3.16 0.86	38.34 -3.86 4.53	45.44 -4.04 1.97	55.77 -5.87 13.87	47.69 -4.38 2.34	26.84 -2.50 0.40	31.06 -3.19 0.80	34.46 -3.12 1.03	29.09 -3.19 5.27	33.12 -2.84 0.18	35.81 -2.88 2.82
KNTFSRNC_46_KV_46KV_LOAD 80397	33.17 -0.67 2.33	30.54 -0.50 4.76	26.97 -0.58 4.49	26.67 -0.59 4.47	26.79 -0.47 4.47	30.14 -0.30 4.09	33.65 -0.23 3.42	37.17 -0.30 3.65	37.60 -0.26 3.01	31.93 -0.30 9.47	32.46 -0.64 3.05	30.04 -0.90 3.22	32.75 -0.88 3.35	35.46 -0.51 3.47	42.38 -0.52 3.83	47.09 -0.49 3.87	69.66 -0.87 4.97	49.82 -0.39 4.19	26.59 -0.13 3.02	32.96 0.42 2.51	37.94 0.79 1.46	36.63 0.72 1.64	36.56 0.43 0.00	41.92 0.41 0.00
LACHUTE____HYDRO 323717	39.93 3.76 0.00	39.43 3.62 0.00	35.18 3.14 0.00	34.74 3.01 0.00	34.81 3.09 0.00	38.48 3.95 0.00	42.05 4.75 0.00	46.47 5.35 0.00	45.90 5.04 0.00	47.51 5.80 0.00	40.22 4.06 0.00	37.69 3.53 0.00	40.80 3.82 0.00	42.88 3.44 0.00	51.09 4.36 0.00	56.47 5.01 0.00	83.27 7.76 0.00	62.88 6.02 -2.46	34.10 3.86 -0.50	39.37 4.31 0.00	43.57 4.96 0.00	42.53 4.99 0.00	40.55 4.41 0.00	46.10 4.59 0.00
LAWRNCV_115KV_TB1 80681	27.15 -1.48 7.53	19.05 -1.34 15.41	16.20 -1.31 14.53	15.97 -1.32 14.45	16.00 -1.27 14.46	19.29 -1.45 13.78	17.51 -1.78 18.00	19.85 -2.04 19.24	23.09 -1.92 15.86	20.25 -2.09 19.36	17.95 -2.14 16.07	15.01 -2.19 16.97	16.94 -2.38 17.66	18.92 -2.24 18.28	23.83 -2.70 20.19	28.17 -2.87 20.41	45.03 -4.25 26.23	29.72 -2.62 22.07	12.48 -1.32 15.94	20.88 -1.25 12.93	32.83 -1.06 4.72	31.19 -1.04 5.31	35.10 -1.04 0.00	40.56 -0.96 0.00
LEDERLE____ 23769	39.39 3.01 -0.22	38.63 2.83 0.00	35.15 2.51 -0.60	34.10 2.37 0.00	34.11 2.38 0.00	37.41 2.66 -0.22	40.45 3.16 0.00	44.77 3.64 0.00	44.68 3.82 0.00	45.87 4.17 0.00	38.14 3.88 1.90	59.92 3.97 -21.78	48.83 4.28 -7.58	81.41 4.41 -37.57	134.72 5.47 -82.52	87.34 5.92 -29.95	150.69 8.88 -66.30	135.65 6.04 -75.20	99.08 2.86 -66.48	76.33 3.26 -38.02	58.63 3.59 -16.43	42.51 3.52 -1.45	39.39 3.19 -0.06	44.60 3.09 0.00
LIGHTHSE_115KV_TB6 355974	28.89 -0.82 6.45	21.90 -1.07 12.84	18.50 -0.96 12.59	18.75 -0.94 12.04	18.75 -0.93 12.05	22.05 -0.95 11.53	22.98 -0.99 13.32	27.35 -1.10 12.68	29.63 -1.13 10.11	27.87 -1.25 12.59	23.51 -1.23 11.42	20.32 -1.23 12.61	22.32 -1.53 13.13	23.94 -1.76 13.74	29.59 -2.13 15.01	33.89 -2.40 15.17	50.04 -3.04 22.43	35.26 -2.13 17.01	16.78 -1.11 11.85	24.17 -1.23 9.66	33.35 -1.31 3.94	30.64 -1.31 5.59	35.20 -0.89 0.05	40.84 -0.67 0.00
LINDEN COGEN____ 23786	39.51 3.13 -0.21	38.75 2.94 0.00	35.25 2.63 -0.57	34.20 2.47 0.00	34.21 2.48 0.00	37.48 2.74 -0.21	40.54 3.25 0.00	44.91 3.78 0.00	44.88 4.02 0.00	46.10 4.39 0.00	69.58 4.01 -29.42	59.29 4.06 -21.07	57.89 4.37 -16.54	69.08 4.47 -25.18	93.98 5.49 -41.77	82.40 5.85 -25.09	145.78 8.65 -61.62	112.85 5.90 -52.55	74.83 2.65 -42.44	61.63 3.06 -23.51	52.26 3.48 -10.17	42.44 3.52 -1.38	39.37 3.17 -0.05	44.48 2.96 0.00
LINDHRST_69_KV_BK1 356055	46.58 4.29 -6.13	39.81 4.00 0.00	36.10 3.47 -0.57	35.00 3.27 0.00	35.11 3.38 0.00	38.53 3.80 -0.21	41.72 4.43 0.00	46.21 5.08 0.00	46.17 5.25 -0.06	47.85 5.49 -0.66	89.43 5.05 -48.22	71.87 4.97 -32.73	110.31 5.43 -67.90	129.56 5.63 -84.50	261.23 6.85 -207.65	442.90 7.44 -384.00	465.18 11.17 -378.51	413.98 7.62 -351.95	383.78 3.88 -350.16	132.47 4.49 -92.93	118.17 5.01 -74.56	117.85 4.91 -75.39	376.39 4.42 -335.83	45.60 4.09 0.00
LIPA_MISC_IPP 23656	46.28 3.98 -6.13	39.64 3.83 0.00	35.93 3.31 -0.57	34.84 3.11 0.00	35.08 3.35 0.00	38.52 3.79 -0.21	41.59 4.29 0.00	45.98 4.85 0.00	45.89 4.97 -0.06	47.38 5.02 -0.66	80.45 4.73 -39.57	61.96 4.34 -23.46	86.98 4.66 -45.35	104.99 4.80 -60.75	244.10 5.78 -191.59	437.72 6.14 -380.13	458.80 9.17 -374.12	408.29 6.14 -347.75	375.57 3.17 -342.67	104.93 3.83 -66.04	101.04 4.63 -57.80	100.49 4.40 -58.55	369.09 3.91 -329.04	45.18 3.67 0.00

LISF__SOLAR 323691	46.36 4.06 -6.13	39.71 3.90 0.00	36.00 3.38 -0.57	34.90 3.17 0.00	35.14 3.42 0.00	38.59 3.86 -0.21	41.67 4.37 0.00	46.06 4.93 0.00	45.99 5.06 -0.06	47.45 5.08 -0.66	80.60 4.79 -39.67	62.11 4.38 -23.56	87.29 4.71 -45.61	105.32 4.86 -61.02	244.35 5.85 -191.77	437.86 6.23 -380.18	459.03 9.35 -374.17	408.50 6.30 -347.80	375.74 3.25 -342.75	105.33 3.93 -66.35	101.37 4.77 -58.00	100.81 4.52 -58.74	369.26 4.01 -329.11	45.29 3.78 0.00
LITTLE FALLS__HYD 24013	40.90 2.99 -1.75	42.39 3.01 -3.57	38.32 2.90 -3.37	37.90 2.82 -3.35	37.83 2.75 -3.35	40.56 2.89 -3.15	43.77 2.90 -3.57	48.21 3.27 -3.81	47.28 3.28 -3.14	48.59 3.05 -3.84	41.93 2.59 -3.19	39.53 2.00 -3.36	43.03 2.55 -3.50	45.72 2.66 -3.62	54.06 3.34 -4.00	58.42 2.92 -4.05	85.40 4.67 -5.22	61.93 3.15 -4.38	34.93 2.03 -3.16	40.31 2.67 -2.58	42.63 2.93 -1.10	41.58 2.80 -1.23	38.76 2.62 0.00	43.96 2.45 0.00
LITTLRIV_115KV_TB1 356100	27.00 -1.10 8.06	18.32 -1.00 16.49	15.50 -1.00 15.55	15.25 -1.03 15.46	15.32 -0.94 15.47	18.70 -1.08 14.75	16.61 -1.36 19.33	18.86 -1.61 20.65	22.30 -1.54 17.03	19.16 -1.76 20.78	16.94 -1.97 17.25	13.82 -2.13 18.21	15.69 -2.33 18.96	17.65 -2.16 19.62	22.46 -2.59 21.67	26.79 -2.75 21.91	43.23 -4.12 28.15	28.30 -2.42 23.69	11.43 -1.19 17.12	20.29 -0.89 13.88	32.98 -0.58 5.05	31.28 -0.59 5.68	35.52 -0.62 0.00	40.99 -0.52 0.00
LI_NEWBRDGE__DRP 323616	45.74 3.45 -6.13	39.03 3.22 0.00	35.42 2.80 -0.57	34.36 2.63 0.00	34.45 2.72 0.00	37.79 3.06 -0.21	40.89 3.59 0.00	45.23 4.10 0.00	45.19 4.26 -0.06	46.90 4.53 -0.66	76.03 4.18 -35.70	57.71 4.24 -19.31	76.83 4.59 -35.26	94.24 4.68 -50.12	236.82 5.69 -184.40	435.95 6.09 -378.40	456.76 9.09 -372.16	406.39 6.12 -345.87	372.07 3.01 -339.31	92.58 3.51 -54.01	92.84 3.92 -50.31	92.47 3.91 -51.02	365.67 3.54 -326.00	44.65 3.14 0.00
LOCKPORT_115KV_TB60_63_64 80432	20.48 -1.84 13.85	20.28 -2.29 13.23	15.85 -2.16 14.04	17.14 -2.05 12.54	17.11 -2.06 12.57	18.75 -2.24 13.53	21.63 -2.55 13.12	25.20 -2.60 13.32	36.20 -3.21 1.45	37.89 -3.42 0.38	32.36 -2.99 0.81	31.35 -2.82 0.00	33.45 -3.53 0.00	34.70 -3.74 1.00	36.44 -4.43 5.85	44.16 -4.73 2.57	53.28 -6.88 15.34	46.71 -5.12 2.57	26.33 -2.90 0.51	30.31 -3.68 1.07	33.67 -3.63 1.31	28.06 -3.56 5.93	32.75 -3.19 0.20	35.16 -3.20 3.15
LOCKPORT__CC1 323769	19.63 -1.86 14.67	19.46 -2.29 14.06	15.03 -2.21 14.81	16.32 -2.08 13.33	16.29 -2.09 13.35	17.92 -2.27 14.34	20.77 -2.55 13.97	24.38 -2.55 14.19	36.11 -3.21 1.54	37.86 -3.43 0.41	32.35 -2.95 0.86	31.42 -2.75 0.00	33.55 -3.42 0.00	34.73 -3.68 1.03	36.10 -4.39 6.24	44.01 -4.71 2.74	52.94 -6.96 15.60	46.64 -5.17 2.60	26.40 -2.79 0.55	30.29 -3.63 1.13	33.60 -3.62 1.40	27.85 -3.65 6.05	32.69 -3.25 0.20	35.06 -3.25 3.20
LOCKPORT__CC2 323770	19.63 -1.86 14.67	19.46 -2.29 14.06	15.03 -2.21 14.81	16.32 -2.08 13.33	16.29 -2.09 13.35	17.92 -2.27 14.34	20.77 -2.55 13.97	24.38 -2.55 14.19	36.11 -3.21 1.54	37.86 -3.43 0.41	32.35 -2.95 0.86	31.42 -2.75 0.00	33.55 -3.42 0.00	34.73 -3.68 1.03	36.10 -4.39 6.24	44.01 -4.71 2.74	52.94 -6.96 15.60	46.64 -5.17 2.60	26.40 -2.79 0.55	30.29 -3.63 1.13	33.60 -3.62 1.40	27.85 -3.65 6.05	32.69 -3.25 0.20	35.06 -3.25 3.20
LOCKPORT__CC3 323771	19.63 -1.86 14.67	19.46 -2.29 14.06	15.03 -2.21 14.81	16.32 -2.08 13.33	16.29 -2.09 13.35	17.92 -2.27 14.34	20.77 -2.55 13.97	24.38 -2.55 14.19	36.11 -3.21 1.54	37.86 -3.43 0.41	32.35 -2.95 0.86	31.42 -2.75 0.00	33.55 -3.42 0.00	34.73 -3.68 1.03	36.10 -4.39 6.24	44.01 -4.71 2.74	52.94 -6.96 15.60	46.64 -5.17 2.60	26.40 -2.79 0.55	30.29 -3.63 1.13	33.60 -3.62 1.40	27.85 -3.65 6.05	32.69 -3.25 0.20	35.06 -3.25 3.20
LOCUSVLY_69_KV_BK2 55797	46.14 3.85 -6.13	39.40 3.59 0.00	35.75 3.13 -0.57	34.68 2.95 0.00	34.76 3.03 0.00	38.11 3.37 -0.21	41.24 3.94 0.00	45.65 4.52 0.00	45.66 4.74 -0.06	47.44 5.08 -0.66	96.37 4.67 -55.54	79.41 4.67 -40.58	129.06 5.10 -86.99	149.29 5.25 -104.60	274.43 6.45 -221.25	445.72 6.98 -387.28	468.08 10.36 -382.22	416.92 7.01 -355.51	389.66 3.41 -356.50	154.63 3.89 -115.68	131.65 4.31 -88.73	131.41 4.23 -89.64	381.54 3.83 -341.58	45.15 3.63 0.00
LONG_LAKE_PHOENIX 24014	34.45 -0.77 0.95	33.37 -0.89 1.55	29.24 -0.82 1.99	29.49 -0.79 1.45	29.48 -0.79 1.45	32.10 -0.86 1.57	34.82 -0.95 1.53	41.89 -1.03 -1.80	42.06 -1.05 -2.24	42.77 -1.12 -2.20	34.85 -0.98 0.32	31.63 -0.97 1.56	34.22 -1.12 1.63	36.20 -1.38 1.85	43.14 -1.72 1.86	47.71 -1.86 1.88	66.56 -2.69 6.25	49.87 -1.83 2.71	27.33 -0.94 1.47	32.71 -1.15 1.20	36.89 -1.22 0.49	34.50 -1.21 1.83	34.96 -1.13 0.05	40.39 -1.12 0.00
LOVETT__3 23632	39.13 2.75 -0.22	38.42 2.61 0.00	34.96 2.32 -0.59	33.91 2.18 0.00	33.93 2.20 0.00	37.21 2.46 -0.22	40.20 2.91 0.00	44.48 3.35 0.00	44.38 3.52 0.00	45.52 3.82 0.00	37.36 3.57 2.37	55.46 3.65 -17.65	46.79 3.92 -5.90	74.21 4.01 -30.77	119.56 4.97 -67.87	81.45 5.36 -24.63	138.78 8.05 -55.23	122.71 5.47 -62.83	89.53 2.56 -57.23	70.68 2.91 -32.71	55.99 3.24 -14.14	42.19 3.22 -1.44	39.13 2.94 -0.06	44.33 2.81 0.00
LOVETT__4 23642	39.13 2.75 -0.22	38.42 2.61 0.00	34.96 2.32 -0.59	33.91 2.18 0.00	33.93 2.20 0.00	37.21 2.46 -0.22	40.20 2.91 0.00	44.48 3.35 0.00	44.38 3.52 0.00	45.52 3.82 0.00	37.36 3.57 2.37	55.46 3.65 -17.65	46.79 3.92 -5.90	74.21 4.01 -30.77	119.56 4.97 -67.87	81.45 5.36 -24.63	138.78 8.05 -55.23	122.71 5.47 -62.83	89.53 2.56 -57.23	70.68 2.91 -32.71	55.99 3.24 -14.14	42.19 3.22 -1.44	39.13 2.94 -0.06	44.33 2.81 0.00
LOVETT__5 23593	39.13 2.75 -0.22	38.42 2.61 0.00	34.96 2.32 -0.59	33.91 2.18 0.00	33.93 2.20 0.00	37.21 2.46 -0.22	40.20 2.91 0.00	44.48 3.35 0.00	44.38 3.52 0.00	45.52 3.82 0.00	37.36 3.57 2.37	55.46 3.65 -17.65	46.79 3.92 -5.90	74.21 4.01 -30.77	119.56 4.97 -67.87	81.45 5.36 -24.63	138.78 8.05 -55.23	122.71 5.47 -62.83	89.53 2.56 -57.23	70.68 2.91 -32.71	55.99 3.24 -14.14	42.19 3.22 -1.44	39.13 2.94 -0.06	44.33 2.81 0.00
LOWER RAQUET__HYD 24057	25.95 -1.67 8.55	16.76 -1.55 17.50	14.06 -1.49 16.50	13.82 -1.50 16.41	13.87 -1.44 16.42	17.20 -1.67 15.66	14.66 -2.07 20.57	16.80 -2.35 21.98	20.51 -2.23 18.12	17.16 -2.43 22.12	15.34 -2.45 18.36	12.28 -2.50 19.39	14.07 -2.73 20.18	15.95 -2.60 20.88	20.52 -3.14 23.07	24.78 -3.35 23.33	40.62 -4.92 29.97	26.12 -3.06 25.22	9.95 -1.57 18.22	18.78 -1.51 14.77	31.96 -1.29 5.35	30.24 -1.28 6.03	34.90 -1.24 0.00	40.38 -1.13 0.00
LOWER__HUDSON 24059	37.73 1.57 0.00	37.46 1.66 0.00	33.58 1.53 0.00	33.22 1.49 0.00	33.20 1.48 0.00	36.15 1.62 0.00	39.11 1.81 0.00	43.03 1.91 0.00	42.73 1.86 0.00	43.72 2.01 0.00	37.90 1.74 0.00	35.80 1.64 0.00	38.70 1.73 0.00	41.11 1.68 0.00	48.82 2.09 0.00	53.66 2.20 0.00	78.81 3.31 0.00	59.37 2.26 -2.71	31.50 1.20 -0.55	36.50 1.45 0.00	40.26 1.65 0.00	39.18 1.64 0.00	37.73 1.59 0.00	43.09 1.58 0.00

LOWVILLE_115KV_TB2 356335	73.88 -1.07 -38.78	113.80 -1.38 -79.37	105.66 -1.23 -74.83	104.88 -1.25 -74.39	105.00 -1.18 -74.46	103.25 -1.15 -69.88	115.68 -1.00 -79.39	125.53 -0.99 -85.40	110.31 -1.08 -70.53	126.51 -1.20 -86.01	105.55 -1.64 -71.03	107.35 -1.61 -74.79	112.92 -1.91 -77.85	117.84 -2.16 -80.56	133.17 -2.57 -89.01	138.42 -3.03 -89.99	188.18 -3.41 -116.09	149.97 -1.71 -97.28	99.18 -0.84 -70.28	91.62 -0.81 -57.38	61.99 -0.91 -24.28	63.89 -0.99 -27.34	35.78 -0.36 0.00	41.67 0.16 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	38.31 2.15 0.00	37.97 2.16 0.00	34.01 1.96 0.00	33.66 1.93 0.00	33.64 1.92 0.00	36.68 2.16 0.00	39.71 2.42 0.00	43.75 2.62 0.00	43.42 2.56 0.00	44.47 2.77 0.00	38.45 2.30 0.00	36.33 2.17 0.00	39.24 2.26 0.00	41.66 2.22 0.00	49.38 2.66 0.00	54.40 2.95 0.00	79.92 4.42 0.00	60.07 3.19 -2.48	31.99 1.74 -0.51	37.11 2.05 0.00	40.90 2.30 0.00	39.80 2.25 0.00	38.25 2.11 0.00	43.69 2.18 0.00
LUTHERNY_35_KV_BK2 355980	38.36 2.19 0.00	38.01 2.21 0.00	34.06 2.00 0.00	33.70 1.97 0.00	33.69 1.96 0.00	36.73 2.21 0.00	39.78 2.48 0.00	43.82 2.70 0.00	43.50 2.64 0.00	44.54 2.84 0.00	38.51 2.35 0.00	36.39 2.23 0.00	39.30 2.32 0.00	41.73 2.30 0.00	49.45 2.72 0.00	54.50 3.04 0.00	80.07 4.56 0.00	60.14 3.25 -2.48	32.02 1.77 -0.51	37.16 2.10 0.00	40.96 2.35 0.00	39.84 2.30 0.00	38.28 2.14 0.00	43.74 2.23 0.00
LWR__OSWEGATCHIE_HYD 23850	18.06 -1.68 16.42	0.41 -1.78 33.61	-1.29 -1.65 31.69	-1.45 -1.67 31.50	-1.43 -1.62 31.53	2.98 -1.75 29.79	-0.67 -1.92 36.05	0.96 -2.10 38.06	7.51 -2.08 31.27	1.18 -2.28 38.25	1.69 -2.43 32.04	-2.28 -2.46 33.99	-1.20 -2.79 35.38	-0.05 -2.87 36.62	2.84 -3.43 40.46	6.75 -3.81 40.90	17.89 -5.07 52.54	7.11 -3.09 44.21	-3.79 -1.59 31.94	7.49 -1.57 25.99	26.79 -1.53 10.29	24.42 -1.54 11.58	34.96 -1.17 0.00	40.62 -0.90 0.00
LYONS_FALL_HYD 23570	35.86 -0.30 0.00	35.24 -0.57 0.00	31.53 -0.52 0.00	31.19 -0.54 0.00	31.24 -0.48 0.00	34.13 -0.40 0.00	37.12 -0.20 -0.02	41.49 -0.14 -0.51	41.21 -0.18 -0.53	42.00 -0.27 -0.57	35.63 -0.70 -0.16	33.39 -0.77 0.00	35.93 -1.04 0.00	38.23 -1.21 0.00	45.26 -1.47 0.00	49.67 -1.79 0.00	73.75 -1.75 0.00	53.80 -0.60 0.00	29.51 -0.24 0.00	34.92 -0.14 0.00	38.47 -0.14 0.00	37.31 -0.24 0.00	36.30 0.16 0.00	42.04 0.53 0.00
MADISON__COUNTY_LFGE 323628	42.13 0.97 -4.99	46.82 0.79 -10.22	42.37 0.69 -9.63	41.98 0.68 -9.58	42.02 0.71 -9.59	44.40 0.88 -8.99	48.56 1.07 -10.20	53.80 1.23 -11.44	51.66 1.25 -9.55	54.48 1.21 -11.57	46.25 0.83 -9.27	44.37 0.61 -9.59	47.42 0.46 -9.98	50.20 0.43 -10.33	58.49 0.35 -11.41	63.30 0.30 -11.54	91.13 0.73 -14.89	67.90 1.02 -12.47	39.42 0.66 -9.01	43.27 0.85 -7.36	42.76 1.02 -3.13	41.95 0.88 -3.52	37.02 0.89 0.00	42.50 0.98 0.00
MALONE__115KV_TB1 356076	30.56 -1.40 4.21	26.00 -1.20 8.61	22.73 -1.20 8.12	22.45 -1.20 8.07	22.55 -1.10 8.08	26.24 -1.13 7.16	33.06 -0.82 3.42	36.52 -0.96 3.65	37.19 -0.66 3.01	36.40 -0.85 4.46	32.11 -1.00 3.05	29.73 -1.22 3.22	32.37 -1.25 3.35	34.93 -1.04 3.47	41.54 -1.35 3.83	46.26 -1.32 3.87	68.30 -2.23 4.97	48.94 -1.28 4.19	26.26 -0.46 3.02	32.22 -0.19 2.64	35.60 -0.37 2.63	34.25 -0.33 2.97	35.73 -0.41 0.00	41.04 -0.47 0.00
MAPLEWOD_115KV_TB3 80458	37.66 1.50 0.00	37.40 1.59 0.00	33.51 1.46 0.00	33.15 1.42 0.00	33.12 1.40 0.00	36.04 1.52 0.00	38.96 1.66 0.00	42.85 1.73 0.00	42.47 1.61 0.00	43.46 1.76 0.00	37.71 1.55 0.00	35.71 1.54 0.00	38.58 1.61 0.00	40.98 1.55 0.00	48.63 1.91 0.00	53.45 1.99 0.00	78.51 3.01 0.00	59.25 2.08 -2.77	31.37 1.07 -0.57	36.31 1.25 0.00	40.04 1.44 0.00	38.95 1.41 0.00	37.49 1.36 0.00	42.89 1.38 0.00
MAPLE_RIDGE_WT_1 323574	35.34 -0.83 0.00	34.77 -1.04 0.00	31.10 -0.95 0.00	30.79 -0.94 0.00	30.76 -0.96 0.00	33.49 -1.03 0.00	36.24 -1.05 0.00	40.15 -0.97 0.00	39.86 -1.01 0.00	40.63 -1.07 0.00	35.15 -1.01 0.00	33.17 -1.00 0.00	35.88 -1.10 0.00	38.39 -1.05 0.00	45.58 -1.15 0.00	50.42 -1.04 0.00	74.17 -1.33 0.00	53.48 -0.92 0.00	29.23 -0.51 0.00	34.54 -0.52 0.00	38.07 -0.54 0.00	37.01 -0.53 0.00	35.77 -0.37 0.00	41.27 -0.24 0.00
MAPLE_RIDGE_WT_2 323611	35.34 -0.83 0.00	34.77 -1.04 0.00	31.10 -0.95 0.00	30.79 -0.94 0.00	30.76 -0.96 0.00	33.49 -1.03 0.00	36.24 -1.05 0.00	40.15 -0.97 0.00	39.86 -1.01 0.00	40.63 -1.07 0.00	35.15 -1.01 0.00	33.17 -1.00 0.00	35.88 -1.10 0.00	38.39 -1.05 0.00	45.58 -1.15 0.00	50.42 -1.04 0.00	74.17 -1.33 0.00	53.48 -0.92 0.00	29.23 -0.51 0.00	34.54 -0.52 0.00	38.07 -0.54 0.00	37.01 -0.53 0.00	35.77 -0.37 0.00	41.27 -0.24 0.00
MARBLE_RIVER_WT_PWR 323696	32.64 -1.42 2.10	30.29 -1.21 4.31	26.78 -1.21 4.06	26.49 -1.20 4.04	26.61 -1.08 4.04	29.67 -1.13 3.72	32.73 -1.15 3.42	36.13 -1.35 3.65	36.67 -1.18 3.01	36.73 -1.30 3.67	31.73 -1.38 3.05	29.50 -1.44 3.22	32.17 -1.46 3.35	34.73 -1.24 3.47	41.39 -1.51 3.83	46.06 -1.53 3.87	68.17 -2.36 4.97	48.80 -1.42 4.19	26.04 -0.69 3.02	32.10 -0.45 2.50	37.04 -0.24 1.32	35.83 -0.23 1.48	35.80 -0.34 0.00	41.13 -0.38 0.00
MARSHVLE_115KV_TB1 80742	37.69 1.30 -0.22	37.10 1.29 0.00	33.84 1.17 -0.62	32.95 1.22 0.00	32.94 1.22 0.00	36.05 1.30 -0.22	38.56 1.26 0.00	42.53 1.41 0.00	42.40 1.54 0.00	42.90 1.20 0.00	37.01 0.85 0.00	34.63 0.46 0.00	37.74 0.77 0.00	40.47 0.84 -0.19	47.51 0.78 0.00	52.13 0.67 0.00	80.87 1.09 -4.27	56.22 1.05 -0.77	30.56 0.82 0.00	36.22 1.16 0.00	40.04 1.41 -0.02	40.36 1.32 -1.49	37.47 1.27 -0.06	42.86 1.35 0.00
MARSH_HILL_WT_PWR 323713	92.18 -2.31 -58.32	94.03 -2.20 -60.42	80.79 -2.12 -50.85	86.56 -2.37 -57.20	86.80 -2.15 -57.22	88.89 -2.46 -56.82	95.54 -2.20 -60.44	101.30 -1.88 -62.05	46.52 -1.55 -7.21	42.65 -1.41 -2.36	38.91 -1.12 -3.88	33.09 -1.08 0.00	35.32 -1.65 0.00	37.79 -2.13 -0.49	71.07 -2.57 -26.91	60.71 -2.51 -11.76	50.64 -3.41 21.45	44.81 -2.35 7.24	30.43 -1.18 -1.87	38.20 -1.68 -4.83	42.60 -1.56 -5.55	31.08 -1.63 4.84	34.19 -1.58 0.37	32.31 -1.91 7.30
MCINTYRE_115KV_TB2 80467	28.32 -0.58 7.26	20.48 -0.46 14.86	17.51 -0.53 14.01	17.24 -0.56 13.93	17.32 -0.46 13.94	20.71 -0.53 13.28	19.28 -0.69 17.33	21.70 -0.91 18.51	24.71 -0.89 15.26	21.97 -1.10 18.63	19.21 -1.48 15.46	16.14 -1.69 16.33	18.14 -1.84 17.00	20.23 -1.61 17.59	25.37 -1.92 19.43	29.80 -2.01 19.65	47.15 -3.11 25.24	31.52 -1.65 21.24	13.63 -0.77 15.34	22.35 -0.27 12.44	34.15 0.09 4.55	32.50 0.07 5.12	36.11 -0.03 0.00	41.55 0.04 0.00
MECO____69_KV_BK1 80468	38.56 2.21 -0.19	37.95 2.15 0.00	34.50 1.92 -0.52	33.66 1.93 0.00	33.67 1.94 0.00	36.85 2.14 -0.19	39.51 2.22 0.00	43.56 2.44 0.00	43.42 2.56 0.00	44.06 2.36 0.00	37.88 1.72 0.00	35.25 1.08 0.00	38.18 1.20 0.00	41.03 1.43 -0.16	48.20 1.48 0.00	52.79 1.33 -3.64	81.97 2.83 -0.66	57.32 2.26 -0.66	31.32 1.57 0.00	37.13 2.08 0.00	41.01 2.39 -0.02	41.06 2.25 -1.27	38.26 2.07 -0.05	43.66 2.15 0.00

MENANDS__115KV_TB5 355628	37.41 1.24 0.00	37.18 1.37 0.00	33.34 1.28 0.00	32.97 1.24 0.00	32.94 1.22 0.00	35.84 1.32 0.00	38.74 1.44 0.00	42.60 1.47 0.00	42.19 1.33 0.00	43.17 1.47 0.00	37.50 1.34 0.00	35.48 1.32 0.00	38.37 1.40 0.00	40.75 1.32 0.00	48.37 1.64 0.00	53.17 1.71 0.00	78.08 2.58 0.00	58.92 1.72 -2.79	31.18 0.86 -0.57	36.09 1.03 0.00	39.80 1.19 0.00	38.72 1.18 0.00	37.29 1.15 0.00	42.68 1.16 0.00
MG INDUSTRY__DRP 24185	37.34 1.17 0.00	37.07 1.26 0.00	33.26 1.21 0.00	32.93 1.20 0.00	32.93 1.21 0.00	35.82 1.30 0.00	38.66 1.37 0.00	42.51 1.38 0.00	42.00 1.13 0.00	42.87 1.17 0.00	37.23 1.07 0.00	35.24 1.08 0.00	38.05 1.07 0.00	40.43 1.00 0.00	48.00 1.28 0.00	52.89 1.44 0.00	77.85 2.35 0.00	58.63 1.45 -2.78	31.08 0.77 -0.57	36.01 0.95 0.00	39.69 1.08 0.00	38.60 1.06 0.00	37.20 1.07 0.00	42.69 1.19 0.00
MID__OSWEGATCHIE_HYD 23849	18.06 -1.68 16.42	0.41 -1.78 33.61	-1.29 -1.65 31.69	-1.45 -1.67 31.50	-1.43 -1.62 31.53	2.98 -1.75 29.79	-0.67 -1.92 36.05	0.96 -2.10 38.06	7.51 -2.08 31.27	1.18 -2.28 38.25	1.69 -2.43 32.04	-2.28 -2.46 33.99	-1.20 -2.79 35.38	-0.05 -2.87 36.62	2.84 -3.43 40.46	6.75 -3.81 40.90	17.89 -5.07 52.54	7.11 -3.09 44.21	-3.79 -1.59 31.94	7.49 -1.57 25.99	26.79 -1.53 10.29	24.42 -1.54 11.58	34.96 -1.17 0.00	40.62 -0.90 0.00
MID__RAQUETTE_HYD 23851	25.95 -1.66 8.55	16.76 -1.55 17.50	14.06 -1.49 16.50	13.82 -1.50 16.41	13.87 -1.44 16.42	17.20 -1.66 15.66	14.66 -2.06 20.57	16.79 -2.35 21.98	20.51 -2.23 18.12	17.16 -2.43 22.12	15.34 -2.45 18.36	12.28 -2.50 19.39	14.07 -2.73 20.18	15.94 -2.61 20.88	20.52 -3.13 23.07	24.77 -3.36 23.33	40.61 -4.93 29.97	26.12 -3.06 25.22	9.96 -1.57 18.22	18.78 -1.50 14.77	31.96 -1.29 5.35	30.23 -1.29 6.03	34.90 -1.24 0.00	40.38 -1.13 0.00
MILLIKEN__1 23584	40.07 0.70 -3.21	40.10 0.48 -3.82	34.47 0.44 -1.98	35.78 0.47 -3.58	35.78 0.50 -3.56	38.19 0.57 -3.09	41.80 0.69 -3.81	46.97 0.76 -5.08	43.27 0.72 -1.69	43.82 0.65 -1.47	37.34 0.56 -0.63	34.62 0.46 0.00	37.39 0.42 0.00	39.39 0.30 0.35	48.64 0.25 -1.66	52.37 0.19 -0.73	66.13 0.36 9.73	50.56 0.40 4.25	29.64 0.25 0.35	35.63 0.27 -0.30	39.34 0.43 -0.30	34.66 0.34 3.23	36.28 0.28 0.14	39.91 0.25 1.85
MILLIKEN__2 23585	40.07 0.70 -3.21	40.10 0.48 -3.82	34.47 0.44 -1.98	35.78 0.47 -3.58	35.78 0.50 -3.56	38.19 0.57 -3.09	41.80 0.69 -3.81	46.97 0.76 -5.08	43.27 0.72 -1.69	43.82 0.65 -1.47	37.34 0.56 -0.63	34.62 0.46 0.00	37.39 0.42 0.00	39.39 0.30 0.35	48.64 0.25 -1.66	52.37 0.19 -0.73	66.13 0.36 9.73	50.56 0.40 4.25	29.64 0.25 0.35	35.63 0.27 -0.30	39.34 0.43 -0.30	34.66 0.34 3.23	36.28 0.28 0.14	39.91 0.25 1.85
MILLIKEN__DIESEL 23629	40.07 0.70 -3.21	40.10 0.48 -3.82	34.47 0.44 -1.98	35.78 0.47 -3.58	35.78 0.50 -3.56	38.19 0.57 -3.09	41.80 0.69 -3.81	46.97 0.76 -5.08	43.27 0.72 -1.69	43.82 0.65 -1.47	37.34 0.56 -0.63	34.62 0.46 0.00	37.39 0.42 0.00	39.39 0.30 0.35	48.64 0.25 -1.66	52.37 0.19 -0.73	66.13 0.36 9.73	50.56 0.40 4.25	29.64 0.25 0.35	35.63 0.27 -0.30	39.34 0.43 -0.30	34.66 0.34 3.23	36.28 0.28 0.14	39.91 0.25 1.85
MILLSEAT__LFGE 323607	23.76 -0.85 11.56	23.52 -1.33 10.96	18.81 -1.37 11.87	20.08 -1.26 10.39	20.06 -1.25 10.41	21.88 -1.34 11.30	24.91 -1.51 10.87	28.70 -1.39 11.03	37.59 -2.07 1.20	39.06 -2.33 0.32	33.48 -2.01 0.67	32.16 -2.00 0.00	34.20 -2.77 0.00	35.51 -3.03 0.90	38.31 -3.58 4.85	45.63 -3.70 2.13	55.53 -5.60 14.38	48.10 -3.88 2.43	27.31 -2.01 0.43	31.51 -2.66 0.88	35.00 -2.51 1.10	29.52 -2.54 5.49	33.67 -2.29 0.18	36.28 -2.26 2.96
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	39.26 2.88 -0.21	38.53 2.72 0.00	35.05 2.43 -0.58	34.03 2.30 0.00	34.04 2.31 0.00	37.31 2.57 -0.21	40.33 3.03 0.00	44.64 3.51 0.00	44.55 3.68 0.00	45.70 4.00 0.00	36.25 3.72 3.62	49.25 3.77 -11.31	44.20 4.07 -3.16	64.13 4.17 -20.52	97.90 5.14 -46.04	73.73 5.56 -16.71	122.51 8.34 -38.67	104.45 5.66 -44.39	75.94 2.66 -43.54	62.93 3.02 -24.85	52.72 3.36 -10.75	42.27 3.33 -1.39	39.23 3.04 -0.05	44.43 2.91 0.00
MILLWOOD_13_KV_LOAD 356217	39.36 2.99 -0.21	38.63 2.83 0.00	35.14 2.51 -0.58	34.10 2.38 0.00	34.12 2.40 0.00	37.40 2.66 -0.21	40.43 3.13 0.00	44.76 3.63 0.00	44.66 3.80 0.00	45.83 4.13 0.00	36.37 3.83 3.62	49.36 3.88 -11.31	44.33 4.20 -3.16	64.27 4.31 -20.52	98.08 5.31 -46.04	73.95 5.78 -16.71	122.82 8.65 -38.67	104.70 5.91 -44.39	76.05 2.77 -43.54	63.06 3.15 -24.85	52.85 3.50 -10.75	42.38 3.45 -1.39	39.34 3.15 -0.05	44.53 3.01 0.00
MODEL_CITY_ENERGY 24167	19.38 -2.12 14.66	19.23 -2.54 14.04	14.81 -2.43 14.82	16.12 -2.30 13.31	16.09 -2.31 13.33	17.68 -2.52 14.33	20.61 -2.83 13.85	24.20 -2.89 14.04	35.68 -3.66 1.52	37.35 -3.95 0.40	31.91 -3.40 0.84	30.99 -3.18 0.00	33.12 -3.85 0.00	34.33 -4.07 1.03	35.78 -4.80 6.14	43.53 -5.22 2.70	51.99 -7.74 15.77	45.97 -5.80 2.63	26.05 -3.15 0.54	29.88 -4.05 1.13	33.14 -4.09 1.38	27.39 -4.07 6.09	32.28 -3.66 0.20	34.61 -3.67 3.23
MODERN_LFGE__ 323580	19.38 -2.12 14.66	19.23 -2.54 14.04	14.81 -2.43 14.82	16.12 -2.30 13.31	16.09 -2.31 13.33	17.68 -2.52 14.33	20.61 -2.83 13.85	24.20 -2.89 14.04	35.68 -3.66 1.52	37.35 -3.95 0.40	31.91 -3.40 0.84	30.99 -3.18 0.00	33.12 -3.85 0.00	34.33 -4.07 1.03	35.78 -4.80 6.14	43.53 -5.22 2.70	51.99 -7.74 15.77	45.97 -5.80 2.63	26.05 -3.15 0.54	29.88 -4.05 1.13	33.14 -4.09 1.38	27.39 -4.07 6.09	32.28 -3.66 0.20	34.61 -3.67 3.23
MOHAWK_PAPER__DRP 24187	37.66 1.50 0.00	37.40 1.59 0.00	33.51 1.46 0.00	33.15 1.42 0.00	33.12 1.40 0.00	36.04 1.52 0.00	38.96 1.66 0.00	42.85 1.73 0.00	42.47 1.61 0.00	43.46 1.76 0.00	37.71 1.55 0.00	35.71 1.54 0.00	38.58 1.61 0.00	40.98 1.55 0.00	48.63 1.91 0.00	53.45 1.99 0.00	78.51 3.01 0.00	59.25 2.08 -2.77	31.37 1.07 -0.57	36.31 1.25 0.00	40.04 1.44 0.00	38.95 1.41 0.00	37.49 1.36 0.00	42.89 1.38 0.00
MOHICAN__35_KV_115KV_LD 80490	38.90 2.73 0.00	38.54 2.73 0.00	34.49 2.44 0.00	34.10 2.37 0.00	34.11 2.39 0.00	37.32 2.80 0.00	40.51 3.22 0.00	44.67 3.54 0.00	44.23 3.36 0.00	45.46 3.75 0.00	39.12 2.97 0.00	36.89 2.73 0.00	39.86 2.89 0.00	42.16 2.73 0.00	49.95 3.22 0.00	55.12 3.66 0.00	81.08 5.58 0.00	61.08 4.21 -2.47	32.65 2.41 -0.50	37.82 2.77 0.00	41.72 3.11 0.00	40.64 3.10 0.00	38.95 2.82 0.00	44.49 2.98 0.00
MONGAUP__HYD 23641	39.11 2.71 -0.23	38.46 2.65 0.00	35.04 2.35 -0.64	33.96 2.23 0.00	34.08 2.36 0.00	37.26 2.50 -0.23	40.20 2.91 0.00	44.34 3.22 0.00	43.84 2.97 0.00	44.52 2.82 0.00	32.81 2.62 5.97	-26.33 2.75 63.24	14.82 3.26 25.41	-61.71 3.23 104.38	-175.11 4.07 225.91	-25.96 4.59 82.00	-82.58 7.64 165.72	-150.67 5.23 210.30	-140.22 2.72 172.68	-59.37 3.13 97.56	-0.02 3.46 42.09	42.39 3.30 -1.55	39.16 2.96 -0.06	44.36 2.85 0.00

MONTAUK___DIESEL 23721	45.53 3.24 -6.13	38.91 3.10 0.00	35.28 2.66 -0.57	34.20 2.46 0.00	34.47 2.75 0.00	37.88 3.14 -0.21	40.94 3.64 0.00	45.28 4.15 0.00	45.26 4.33 -0.06	46.74 4.38 -0.66	79.97 4.21 -39.60	61.46 3.81 -23.49	86.53 4.13 -45.43	104.60 4.33 -60.83	243.69 5.32 -191.65	437.00 5.40 -380.15	457.87 8.23 -374.14	407.48 5.31 -347.77	375.14 2.71 -342.69	104.87 3.67 -66.14	100.94 4.47 -57.86	100.28 4.12 -58.61	368.85 3.65 -329.06	45.17 3.66 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	16.33 -2.01 17.83	15.91 -2.78 17.12	11.59 -2.51 17.95	13.33 -2.18 16.22	13.35 -2.14 16.24	15.22 -1.89 17.42	18.85 -1.33 17.11	23.04 -0.63 17.45	38.27 -0.64 1.95	40.48 -0.71 0.52	34.54 -0.52 1.09	33.79 -0.38 0.00	36.28 -0.70 0.00	37.11 -1.06 1.26	37.46 -1.38 7.88	46.57 -1.44 3.45	54.22 -2.83 18.46	49.39 -1.92 3.09	28.00 -1.05 0.69	32.04 -1.60 1.42	35.29 -1.56 1.76	28.50 -1.77 7.28	34.22 -1.68 0.23	35.92 -1.85 3.75
MORRIS_RIDGE___SOLAR 323848	-31.99 -1.82 66.34	-32.05 -2.06 65.80	-32.70 -1.92 62.83	-32.61 -1.93 62.41	-32.66 -1.86 62.52	-32.32 -2.06 64.79	-30.73 -2.06 65.97	-27.51 -1.87 66.76	32.16 -1.78 6.93	38.35 -1.82 1.53	30.64 -1.55 3.97	32.74 -1.43 0.00	35.16 -1.81 0.00	34.25 -2.34 2.85	14.15 -2.89 29.69	35.54 -2.94 12.98	43.49 -4.30 27.72	45.04 -3.04 6.32	25.11 -1.55 3.08	27.68 -2.07 5.31	30.21 -2.02 6.38	22.88 -2.04 12.62	33.95 -1.89 0.30	33.62 -2.16 5.74
MORTIMER_115KV_TB3 55949	35.12 -0.51 0.54	34.95 -0.85 0.00	29.71 -0.86 1.48	30.93 -0.80 0.00	30.92 -0.80 0.00	33.13 -0.86 0.54	36.33 -0.98 -0.02	40.13 -1.01 -0.02	39.60 -1.26 0.00	40.37 -1.33 0.00	34.96 -1.20 0.00	33.04 -1.13 0.00	35.44 -1.53 0.00	37.25 -1.73 0.46	44.56 -2.17 -0.01	49.27 -2.19 0.00	62.12 -3.13 10.26	50.31 -2.25 1.85	28.49 -1.25 0.00	33.43 -1.63 0.00	37.05 -1.50 0.05	32.42 -1.55 3.57	34.58 -1.41 0.14	37.90 -1.42 2.19
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	39.57 3.20 -0.21	38.84 3.03 0.00	35.34 2.72 -0.57	34.31 2.58 0.00	34.32 2.60 0.00	37.59 2.86 -0.21	40.65 3.35 0.00	45.00 3.88 0.00	44.96 4.09 0.00	46.17 4.47 -27.22	67.50 4.13 -20.33	58.64 4.15 -15.61	57.06 4.47 -24.72	68.70 4.56 -41.71	94.02 5.59 -11.58	69.06 6.02 -26.00	110.48 8.97 -36.62	97.11 6.09 -42.85	75.41 2.81 -23.50	61.77 3.22 -10.16	52.37 3.60 -1.38	42.55 3.62 -0.05	39.50 3.31 -0.05	44.64 3.13 0.00
MUNSVILLE_WIND_PWR 323609	40.93 1.96 -2.80	40.11 1.82 -2.48	36.96 1.67 -3.24	35.95 1.88 -2.34	36.10 2.04 -2.34	39.69 2.43 -2.73	42.36 2.58 -2.49	46.83 2.46 -3.25	44.19 2.29 -1.04	44.53 1.93 -0.89	38.43 1.89 -0.39	35.81 1.65 0.00	38.44 1.46 0.00	41.54 1.72 -0.38	49.74 1.92 -1.09	54.09 2.16 -0.47	86.12 3.48 -7.13	53.80 3.21 3.81	20.56 1.85 11.04	31.17 2.03 5.91	38.96 2.73 2.37	42.35 2.21 -2.59	38.07 1.84 -0.09	44.15 1.38 -1.25
N SALMON___HYD 24042	30.56 -1.40 4.21	25.99 -1.20 8.61	22.73 -1.20 8.12	22.45 -1.20 8.07	22.55 -1.10 8.08	26.24 -1.12 7.16	33.06 -0.82 3.42	36.52 -0.96 3.65	37.19 -0.66 3.01	36.40 -0.85 4.46	32.11 -1.00 3.05	29.73 -1.22 3.22	32.37 -1.25 3.35	34.94 -1.03 3.47	41.54 -1.36 3.83	46.27 -1.31 3.87	68.30 -2.23 4.97	48.95 -1.27 4.19	26.25 -0.46 3.02	32.22 -0.19 2.64	35.60 -0.37 2.63	34.25 -0.33 2.97	35.73 -0.41 0.00	41.05 -0.46 0.00
N.AKRON__115KV_KNAPP 355671	22.57 -1.13 12.46	22.33 -1.61 11.86	17.76 -1.56 12.73	19.01 -1.47 11.24	19.00 -1.47 11.26	20.76 -1.58 12.18	23.73 -1.81 11.76	27.42 -1.77 11.93	37.20 -2.37 1.30	38.76 -2.59 0.34	33.14 -2.29 0.72	31.93 -2.23 0.00	33.96 -3.02 0.00	35.28 -3.21 0.94	37.68 -3.80 5.25	45.20 -3.95 2.30	54.91 -5.83 14.76	47.75 -4.17 2.49	26.97 -2.32 0.46	31.13 -2.97 0.96	34.61 -2.81 1.18	29.11 -2.78 5.66	33.46 -2.49 0.19	36.01 -2.47 3.04
N.BELMOR_69_KV_BK1 55787	46.10 3.80 -6.13	39.34 3.53 0.00	35.68 3.06 -0.57	34.61 2.88 0.00	34.69 2.96 0.00	38.06 3.33 -0.21	41.19 3.89 0.00	45.60 4.47 0.00	45.59 4.67 -0.06	47.31 4.95 -0.66	105.01 4.48 -64.37	88.70 4.49 -50.04	151.91 4.94 -109.99	173.36 5.10 -128.82	290.60 6.24 -237.63	449.42 6.73 -391.23	472.28 10.08 -386.69	421.05 6.85 -359.80	397.28 3.39 -364.15	182.07 3.92 -143.10	148.70 4.28 -105.82	148.70 4.34 -106.82	388.57 3.93 -348.50	45.09 3.58 0.00
N.E._GEN_SANDY PD 24062	106.59 1.76 -68.68	79.74 1.86 -42.08	83.39 1.69 -49.65	79.25 1.64 -45.88	44.93 1.63 -11.57	44.42 1.80 -8.10	46.25 2.05 -6.91	43.78 2.21 -0.45	49.87 2.22 -6.79	55.70 2.40 -11.60	38.27 2.12 0.00	36.22 2.05 0.00	39.22 2.24 0.00	42.34 2.21 -0.70	53.36 2.81 -3.82	57.88 3.01 -3.41	80.40 4.47 -0.43	60.92 2.90 -3.62	57.49 1.45 -26.30	68.26 1.71 -31.49	73.97 1.95 -33.41	51.84 1.95 -12.34	72.42 1.89 -34.39	52.34 1.82 -9.01
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	39.25 2.87 -0.22	38.52 2.71 0.00	35.05 2.41 -0.60	34.00 2.27 0.00	34.00 2.28 0.00	37.29 2.55 -0.22	40.31 3.01 0.00	44.60 3.47 0.00	44.50 3.63 0.00	45.66 3.96 0.00	37.78 3.70 2.08	58.10 3.80 -20.14	47.98 4.09 -6.91	78.50 4.21 -34.86	128.63 5.22 -76.68	84.95 5.65 -27.83	145.89 8.49 -61.89	130.47 5.76 -70.30	95.29 2.70 -62.84	74.05 3.07 -35.93	57.54 3.40 -15.53	42.33 3.35 -1.44	39.24 3.05 -0.06	44.46 2.94 0.00
N.QUEENS_27_KV_LOAD 356247	39.61 3.24 -0.21	38.83 3.03 0.00	35.35 2.73 -0.57	34.30 2.57 0.00	34.31 2.58 0.00	37.61 2.88 -0.21	40.62 3.33 0.00	44.99 3.87 0.00	44.98 4.12 0.00	46.19 4.49 0.00	68.73 4.19 -28.39	59.07 4.18 -20.72	57.67 4.59 -16.11	68.99 4.59 -24.96	93.98 5.52 -41.74	68.70 6.32 -10.92	108.89 9.37 -24.01	97.43 6.43 -36.59	75.20 2.75 -42.71	61.69 3.14 -23.50	52.42 3.65 -10.16	42.66 3.73 -1.38	39.61 3.42 -0.05	44.57 3.05 0.00
N.TROY___115KV_TB1 355778	37.74 1.58 0.00	37.46 1.66 0.00	33.57 1.52 0.00	33.22 1.49 0.00	33.20 1.47 0.00	36.15 1.62 0.00	39.11 1.81 0.00	43.04 1.91 0.00	42.73 1.87 0.00	43.71 2.01 0.00	37.90 1.74 0.00	35.80 1.64 0.00	38.71 1.73 0.00	41.12 1.68 0.00	48.82 2.09 0.00	53.66 2.21 0.00	78.81 3.30 0.00	59.38 2.27 -2.71	31.49 1.20 -0.55	36.50 1.44 0.00	40.26 1.65 0.00	39.18 1.63 0.00	37.73 1.59 0.00	43.09 1.58 0.00
NARROWS_GT1_1 24228	39.71 3.34 -0.21	38.92 3.11 0.00	35.44 2.82 -0.57	34.40 2.67 0.00	34.41 2.68 0.00	37.70 2.97 -0.21	40.79 3.50 0.00	45.17 4.04 0.00	45.16 4.30 0.00	46.43 4.73 0.00	69.28 4.51 -28.61	59.61 4.43 -21.02	58.38 4.88 -16.53	69.27 4.77 -25.06	94.14 5.68 -41.74	74.38 6.50 -16.42	113.86 9.65 -28.71	102.24 6.61 -41.22	75.23 2.76 -42.72	61.93 3.29 -23.58	52.72 3.78 -10.33	42.76 3.84 -1.38	39.67 3.48 -0.05	44.72 3.21 0.00
NARROWS_GT1_2 24229	39.71 3.34 -0.21	38.92 3.11 0.00	35.44 2.82 -0.57	34.40 2.67 0.00	34.41 2.68 0.00	37.70 2.97 -0.21	40.79 3.50 0.00	45.17 4.04 0.00	45.16 4.30 0.00	46.43 4.73 0.00	69.28 4.51 -28.61	59.61 4.43 -21.02	58.38 4.88 -16.53	69.27 4.77 -25.06	94.14 5.68 -41.74	74.38 6.50 -16.42	113.86 9.65 -28.71	102.24 6.61 -41.22	75.23 2.76 -42.72	61.93 3.29 -23.58	52.72 3.78 -10.33	42.76 3.84 -1.38	39.67 3.48 -0.05	44.72 3.21 0.00

NARROWS_GT1_3 24230	39.71 3.34 -0.21	38.92 3.11 0.00	35.44 2.82 -0.57	34.40 2.67 0.00	34.41 2.68 0.00	37.70 2.97 -0.21	40.79 3.50 0.00	45.17 4.04 0.00	45.16 4.30 0.00	46.43 4.73 0.00	69.28 4.51 -28.61	59.61 4.43 -21.02	58.38 4.88 -16.53	69.27 4.77 -25.06	94.14 5.68 -41.74	74.38 6.50 -16.42	113.86 9.65 -28.71	102.24 6.61 -41.22	75.23 2.76 -42.72	61.93 3.29 -23.58	52.72 3.78 -10.33	42.76 3.84 -1.38	39.67 3.48 -0.05	44.72 3.21 0.00
NARROWS_GT1_4 24231	39.71 3.34 -0.21	38.92 3.11 0.00	35.44 2.82 -0.57	34.40 2.67 0.00	34.41 2.68 0.00	37.70 2.97 -0.21	40.79 3.50 0.00	45.17 4.04 0.00	45.16 4.30 0.00	46.43 4.73 0.00	69.28 4.51 -28.61	59.61 4.43 -21.02	58.38 4.88 -16.53	69.27 4.77 -25.06	94.14 5.68 -41.74	74.38 6.50 -16.42	113.86 9.65 -28.71	102.24 6.61 -41.22	75.23 2.76 -42.72	61.93 3.29 -23.58	52.72 3.78 -10.33	42.76 3.84 -1.38	39.67 3.48 -0.05	44.72 3.21 0.00
NARROWS_GT1_5 24232	39.71 3.34 -0.21	38.92 3.11 0.00	35.44 2.82 -0.57	34.40 2.67 0.00	34.41 2.68 0.00	37.70 2.97 -0.21	40.79 3.50 0.00	45.17 4.04 0.00	45.16 4.30 0.00	46.43 4.73 0.00	69.28 4.51 -28.61	59.61 4.43 -21.02	58.38 4.88 -16.53	69.27 4.77 -25.06	94.14 5.68 -41.74	74.38 6.50 -16.42	113.86 9.65 -28.71	102.24 6.61 -41.22	75.23 2.76 -42.72	61.93 3.29 -23.58	52.72 3.78 -10.33	42.76 3.84 -1.38	39.67 3.48 -0.05	44.72 3.21 0.00
NARROWS_GT1_6 24233	39.71 3.34 -0.21	38.92 3.11 0.00	35.44 2.82 -0.57	34.40 2.67 0.00	34.41 2.68 0.00	37.70 2.97 -0.21	40.79 3.50 0.00	45.17 4.04 0.00	45.16 4.30 0.00	46.43 4.73 0.00	69.28 4.51 -28.61	59.61 4.43 -21.02	58.38 4.88 -16.53	69.27 4.77 -25.06	94.14 5.68 -41.74	74.38 6.50 -16.42	113.86 9.65 -28.71	102.24 6.61 -41.22	75.23 2.76 -42.72	61.93 3.29 -23.58	52.72 3.78 -10.33	42.76 3.84 -1.38	39.67 3.48 -0.05	44.72 3.21 0.00
NARROWS_GT1_7 24234	39.71 3.34 -0.21	38.92 3.11 0.00	35.44 2.82 -0.57	34.40 2.67 0.00	34.41 2.68 0.00	37.70 2.97 -0.21	40.79 3.50 0.00	45.17 4.04 0.00	45.16 4.30 0.00	46.43 4.73 0.00	69.28 4.51 -28.61	59.61 4.43 -21.02	58.38 4.88 -16.53	69.27 4.77 -25.06	94.14 5.68 -41.74	74.38 6.50 -16.42	113.86 9.65 -28.71	102.24 6.61 -41.22	75.23 2.76 -42.72	61.93 3.29 -23.58	52.72 3.78 -10.33	42.76 3.84 -1.38	39.67 3.48 -0.05	44.72 3.21 0.00
NARROWS_GT1_8 24235	39.71 3.34 -0.21	38.92 3.11 0.00	35.44 2.82 -0.57	34.40 2.67 0.00	34.41 2.68 0.00	37.70 2.97 -0.21	40.79 3.50 0.00	45.17 4.04 0.00	45.16 4.30 0.00	46.43 4.73 0.00	69.28 4.51 -28.61	59.61 4.43 -21.02	58.38 4.88 -16.53	69.27 4.77 -25.06	94.14 5.68 -41.74	74.38 6.50 -16.42	113.86 9.65 -28.71	102.24 6.61 -41.22	75.23 2.76 -42.72	61.93 3.29 -23.58	52.72 3.78 -10.33	42.76 3.84 -1.38	39.67 3.48 -0.05	44.72 3.21 0.00
NARROWS_GT2_1 24236	39.71 3.34 -0.21	38.92 3.11 0.00	35.44 2.82 -0.57	34.40 2.67 0.00	34.41 2.68 0.00	37.70 2.97 -0.21	40.79 3.50 0.00	45.17 4.04 0.00	45.16 4.30 0.00	46.43 4.73 0.00	69.28 4.51 -28.61	59.61 4.43 -21.02	58.38 4.88 -16.53	69.27 4.77 -25.06	94.14 5.68 -41.74	74.38 6.50 -16.42	113.86 9.65 -28.71	102.24 6.61 -41.22	75.23 2.76 -42.72	61.93 3.29 -23.58	52.72 3.78 -10.33	42.76 3.84 -1.38	39.67 3.48 -0.05	44.72 3.21 0.00
NARROWS_GT2_2 24237	39.71 3.34 -0.21	38.92 3.11 0.00	35.44 2.82 -0.57	34.40 2.67 0.00	34.41 2.68 0.00	37.70 2.97 -0.21	40.79 3.50 0.00	45.17 4.04 0.00	45.16 4.30 0.00	46.43 4.73 0.00	69.28 4.51 -28.61	59.61 4.43 -21.02	58.38 4.88 -16.53	69.27 4.77 -25.06	94.14 5.68 -41.74	74.38 6.50 -16.42	113.86 9.65 -28.71	102.24 6.61 -41.22	75.23 2.76 -42.72	61.93 3.29 -23.58	52.72 3.78 -10.33	42.76 3.84 -1.38	39.67 3.48 -0.05	44.72 3.21 0.00
NARROWS_GT2_3 24238	39.71 3.34 -0.21	38.92 3.11 0.00	35.44 2.82 -0.57	34.40 2.67 0.00	34.41 2.68 0.00	37.70 2.97 -0.21	40.79 3.50 0.00	45.17 4.04 0.00	45.16 4.30 0.00	46.43 4.73 0.00	69.28 4.51 -28.61	59.61 4.43 -21.02	58.38 4.88 -16.53	69.27 4.77 -25.06	94.14 5.68 -41.74	74.38 6.50 -16.42	113.86 9.65 -28.71	102.24 6.61 -41.22	75.23 2.76 -42.72	61.93 3.29 -23.58	52.72 3.78 -10.33	42.76 3.84 -1.38	39.67 3.48 -0.05	44.72 3.21 0.00
NARROWS_GT2_4 24239	39.71 3.34 -0.21	38.92 3.11 0.00	35.44 2.82 -0.57	34.40 2.67 0.00	34.41 2.68 0.00	37.70 2.97 -0.21	40.79 3.50 0.00	45.17 4.04 0.00	45.16 4.30 0.00	46.43 4.73 0.00	69.28 4.51 -28.61	59.61 4.43 -21.02	58.38 4.88 -16.53	69.27 4.77 -25.06	94.14 5.68 -41.74	74.38 6.50 -16.42	113.86 9.65 -28.71	102.24 6.61 -41.22	75.23 2.76 -42.72	61.93 3.29 -23.58	52.72 3.78 -10.33	42.76 3.84 -1.38	39.67 3.48 -0.05	44.72 3.21 0.00
NARROWS_GT2_5 24240	39.71 3.34 -0.21	38.92 3.11 0.00	35.44 2.82 -0.57	34.40 2.67 0.00	34.41 2.68 0.00	37.70 2.97 -0.21	40.79 3.50 0.00	45.17 4.04 0.00	45.16 4.30 0.00	46.43 4.73 0.00	69.28 4.51 -28.61	59.61 4.43 -21.02	58.38 4.88 -16.53	69.27 4.77 -25.06	94.14 5.68 -41.74	74.38 6.50 -16.42	113.86 9.65 -28.71	102.24 6.61 -41.22	75.23 2.76 -42.72	61.93 3.29 -23.58	52.72 3.78 -10.33	42.76 3.84 -1.38	39.67 3.48 -0.05	44.72 3.21 0.00
NARROWS_GT2_6 24241	39.71 3.34 -0.21	38.92 3.11 0.00	35.44 2.82 -0.57	34.40 2.67 0.00	34.41 2.68 0.00	37.70 2.97 -0.21	40.79 3.50 0.00	45.17 4.04 0.00	45.16 4.30 0.00	46.43 4.73 0.00	69.28 4.51 -28.61	59.61 4.43 -21.02	58.38 4.88 -16.53	69.27 4.77 -25.06	94.14 5.68 -41.74	74.38 6.50 -16.42	113.86 9.65 -28.71	102.24 6.61 -41.22	75.23 2.76 -42.72	61.93 3.29 -23.58	52.72 3.78 -10.33	42.76 3.84 -1.38	39.67 3.48 -0.05	44.72 3.21 0.00
NARROWS_GT2_7 24242	39.71 3.34 -0.21	38.92 3.11 0.00	35.44 2.82 -0.57	34.40 2.67 0.00	34.41 2.68 0.00	37.70 2.97 -0.21	40.79 3.50 0.00	45.17 4.04 0.00	45.16 4.30 0.00	46.43 4.73 0.00	69.28 4.51 -28.61	59.61 4.43 -21.02	58.38 4.88 -16.53	69.27 4.77 -25.06	94.14 5.68 -41.74	74.38 6.50 -16.42	113.86 9.65 -28.71	102.24 6.61 -41.22	75.23 2.76 -42.72	61.93 3.29 -23.58	52.72 3.78 -10.33	42.76 3.84 -1.38	39.67 3.48 -0.05	44.72 3.21 0.00
NARROWS_GT2_8 24243	39.71 3.34 -0.21	38.92 3.11 0.00	35.44 2.82 -0.57	34.40 2.67 0.00	34.41 2.68 0.00	37.70 2.97 -0.21	40.79 3.50 0.00	45.17 4.04 0.00	45.16 4.30 0.00	46.43 4.73 0.00	69.28 4.51 -28.61	59.61 4.43 -21.02	58.38 4.88 -16.53	69.27 4.77 -25.06	94.14 5.68 -41.74	74.38 6.50 -16.42	113.86 9.65 -28.71	102.24 6.61 -41.22	75.23 2.76 -42.72	61.93 3.29 -23.58	52.72 3.78 -10.33	42.76 3.84 -1.38	39.67 3.48 -0.05	44.72 3.21 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	38.02 1.86 0.00	37.70 1.89 0.00	33.81 1.76 0.00	33.46 1.73 0.00	33.45 1.73 0.00	36.42 1.89 0.00	39.38 2.09 0.00	43.33 2.21 0.00	42.60 1.74 0.00	43.33 1.62 0.00	37.73 1.57 0.00	35.67 1.50 0.00	38.58 1.60 0.00	41.05 1.61 0.00	48.65 1.92 0.00	53.48 2.02 0.00	79.22 3.72 0.00	59.78 2.55 -2.83	31.64 1.33 -0.58	36.68 1.63 0.00	40.45 1.85 0.00	39.27 1.73 0.00	37.76 1.63 0.00	43.28 1.77 0.00



NCHELSEA_115KV_TR2 355582	39.42 3.05 -0.21	38.68 2.87 0.00	35.17 2.55 -0.57	34.16 2.43 0.00	34.17 2.45 0.00	37.44 2.71 -0.21	40.46 3.17 0.00	44.80 3.68 0.00	44.71 3.84 0.00	45.83 4.12 0.00	40.45 3.82 -0.48	45.52 3.91 -7.45	44.12 4.26 -2.89	56.12 4.34 -12.34	78.48 5.36 -26.38	66.96 5.92 -9.58	108.30 8.99 -23.81	84.44 6.03 -24.01	54.90 2.96 -22.20	51.18 3.34 -12.79	47.79 3.65 -5.54	42.46 3.54 -1.37	39.40 3.21 -0.05	44.62 3.11 0.00
NEG CAPITAL___MECHNVIL 23645	38.37 2.20 0.00	38.03 2.22 0.00	34.07 2.02 0.00	33.71 1.98 0.00	33.69 1.97 0.00	36.72 2.20 0.00	39.76 2.46 0.00	43.81 2.69 0.00	43.49 2.63 0.00	44.57 2.87 0.00	38.55 2.40 0.00	36.43 2.27 0.00	39.35 2.38 0.00	41.79 2.35 0.00	49.54 2.81 0.00	54.55 3.09 0.00	80.13 4.62 0.00	60.26 3.30 -2.55	32.04 1.78 -0.52	37.16 2.10 0.00	40.96 2.36 0.00	39.84 2.29 0.00	38.29 2.15 0.00	43.73 2.21 0.00
NEG CENTRAL_HIGH_ACRES 23767	34.77 -0.93 0.47	34.61 -1.20 0.00	29.62 -1.14 1.30	30.63 -1.10 0.00	30.61 -1.12 0.00	32.89 -1.16 0.47	36.02 -1.28 0.00	39.77 -1.35 0.00	39.31 -1.56 0.00	40.07 -1.63 0.00	34.74 -1.42 0.00	32.82 -1.35 0.00	35.32 -1.66 0.00	37.10 -1.94 0.40	44.31 -2.41 0.00	48.93 -2.53 0.00	62.91 -3.59 9.00	50.21 -2.57 1.62	28.39 -1.35 0.00	33.32 -1.74 0.00	36.82 -1.74 0.05	32.61 -1.80 3.14	34.30 -1.71 0.12	37.83 -1.82 1.86
NEG CENTRAL___DRP 24199	40.56 0.13 -4.27	40.61 -0.11 -4.92	34.81 -0.12 -2.88	36.25 -0.11 -4.63	36.26 -0.08 -4.62	38.61 -0.05 -4.13	42.26 0.03 -4.93	47.47 0.13 -6.22	42.77 0.09 -1.82	43.19 -0.04 -1.52	36.83 -0.03 -0.70	34.11 -0.06 0.00	36.82 -0.16 0.00	38.65 -0.43 0.35	48.29 -0.60 -2.17	51.69 -0.72 -0.95	64.18 -0.93 10.39	51.88 -0.58 1.95	29.67 -0.26 -0.19	35.05 -0.40 -0.39	38.68 -0.33 -0.40	33.77 -0.37 3.41	35.60 -0.39 0.15	38.62 -0.45 2.44
NEG CENTRAL___INDECK 23768	85.63 0.25 -49.21	86.45 -0.11 -50.75	75.06 -0.23 -43.25	79.57 -0.24 -48.08	79.66 -0.19 -48.12	81.69 -0.81 -47.98	86.52 -1.60 -50.83	91.55 -1.59 -52.01	45.08 -1.69 -5.91	41.35 -2.17 -1.82	37.26 -2.11 -3.22	32.10 -2.06 0.00	34.42 -2.56 0.00	37.00 -3.01 -0.57	65.22 -4.17 -22.66	56.99 -4.37 -9.90	55.02 -6.00 14.49	46.90 -4.10 3.40	29.56 -2.17 -1.99	36.74 -2.38 -4.06	42.02 -1.27 -4.68	34.39 -0.33 2.83	35.55 -0.34 0.26	36.28 -0.40 4.83
NEG CENTRAL___SENECA 23627	43.22 0.12 -6.93	43.44 -0.18 -7.82	36.83 -0.20 -4.98	38.90 -0.20 -7.37	38.94 -0.14 -7.35	41.14 -0.10 -6.71	45.08 0.00 -7.79	49.93 0.19 -8.62	42.60 0.17 -1.57	42.80 0.11 -0.99	36.95 0.09 -0.70	34.21 0.05 0.00	36.92 -0.06 0.00	38.61 -0.40 0.43	49.61 -0.57 -3.45	52.32 -0.64 -1.51	61.01 -0.80 13.69	51.31 -0.50 2.59	29.83 -0.22 -0.30	35.31 -0.37 -0.62	39.01 -0.25 -0.66	32.77 -0.35 4.43	35.58 -0.37 0.20	37.44 -0.52 3.55
NEG CENTRAL___STATE_STREET 24147	38.04 0.36 -1.52	37.95 0.19 -1.96	32.90 0.18 -0.66	33.77 0.20 -1.84	33.75 0.20 -1.83	36.17 0.18 -1.46	39.61 0.32 -1.99	44.96 0.23 -3.61	42.92 0.16 -1.90	43.64 0.07 -1.87	36.87 0.07 -0.65	34.17 0.01 0.00	36.91 -0.07 0.00	38.88 -0.27 0.29	47.18 -0.41 -0.86	51.29 -0.54 -0.37	67.38 -0.68 7.44	52.71 -0.32 1.37	29.68 -0.14 -0.07	35.00 -0.21 -0.16	38.61 -0.14 -0.14	34.96 -0.07 2.51	35.86 -0.18 0.10	40.04 -0.09 1.39
NEG MILLWOOD___DRP 24198	39.51 3.15 -0.20	38.77 2.97 0.00	35.24 2.63 -0.56	34.23 2.51 0.00	34.23 2.51 0.00	37.52 2.79 -0.20	40.56 3.27 0.00	44.94 3.81 0.00	44.87 4.00 0.00	46.03 4.33 0.00	41.19 4.02 -1.02	45.31 4.08 -7.06	44.33 4.44 -2.91	55.54 4.55 -11.55	76.73 5.59 -24.41	66.43 6.11 -8.86	107.12 9.34 -22.27	85.30 6.31 -24.58	59.17 3.05 -26.38	53.48 3.43 -15.00	48.85 3.75 -6.49	42.56 3.66 -1.35	39.51 3.32 -0.05	44.71 3.20 0.00
NEG NORTH_FLCN_SEA 23793	33.31 -0.60 2.25	30.77 -0.43 4.61	27.19 -0.51 4.34	26.89 -0.53 4.32	27.00 -0.40 4.32	30.35 -0.22 3.96	33.75 -0.13 3.42	37.28 -0.20 3.65	37.83 -0.03 3.01	47.77 -0.05 -6.11	32.66 -0.45 3.05	30.21 -0.74 3.22	32.94 -0.69 3.35	35.71 -0.26 3.47	42.67 -0.23 3.83	47.39 -0.19 3.87	70.05 -0.48 4.97	50.04 -0.18 4.19	26.69 -0.03 3.02	33.07 0.52 2.51	38.04 0.84 1.41	36.73 0.77 1.59	36.61 0.47 0.00	42.00 0.49 0.00
NEG NORTH_KES_CHATEGAY 23792	32.04 -1.39 2.74	29.03 -1.17 5.61	25.59 -1.17 5.29	25.31 -1.17 5.25	25.42 -1.05 5.26	28.69 -1.08 4.76	32.84 -1.04 3.42	36.26 -1.22 3.65	36.77 -1.08 3.01	35.86 -1.26 4.59	31.75 -1.36 3.05	29.52 -1.42 3.22	32.18 -1.44 3.35	34.72 -1.24 3.47	41.37 -1.52 3.83	46.03 -1.55 3.87	68.13 -2.40 4.97	48.79 -1.43 4.19	26.05 -0.67 3.02	32.09 -0.42 2.54	36.73 -0.16 1.72	35.48 -0.14 1.93	35.89 -0.25 0.00	41.21 -0.30 0.00
NEG NORTH___ALICE_FALLS 23915	33.17 -0.67 2.33	30.54 -0.50 4.76	26.97 -0.58 4.49	26.67 -0.59 4.47	26.79 -0.47 4.47	30.14 -0.30 4.09	33.65 -0.23 3.42	37.17 -0.30 3.65	37.60 -0.26 3.01	31.93 -0.30 9.47	32.46 -0.64 3.05	30.04 -0.90 3.22	32.75 -0.88 3.35	35.46 -0.51 3.47	42.38 -0.52 3.83	47.09 -0.49 3.87	69.66 -0.87 4.97	49.82 -0.39 4.19	26.59 -0.13 3.02	32.96 0.42 2.51	37.94 0.79 1.46	36.63 0.72 1.64	36.56 0.43 0.00	41.92 0.41 0.00
NEG NORTH___LWR_SARANAC 23913	33.17 -0.67 2.33	30.54 -0.50 4.76	26.97 -0.58 4.49	26.67 -0.59 4.47	26.79 -0.47 4.47	30.14 -0.30 4.09	33.65 -0.23 3.42	37.17 -0.30 3.65	37.60 -0.26 3.01	31.93 -0.30 9.47	32.46 -0.64 3.05	30.04 -0.90 3.22	32.75 -0.88 3.35	35.46 -0.51 3.47	42.38 -0.52 3.83	47.09 -0.49 3.87	69.66 -0.87 4.97	49.82 -0.39 4.19	26.59 -0.13 3.02	32.96 0.42 2.51	37.94 0.79 1.46	36.63 0.72 1.64	36.56 0.43 0.00	41.92 0.41 0.00
NEG NORTH___PLATTSBURG 23628	33.16 -0.67 2.33	30.54 -0.50 4.76	26.97 -0.59 4.49	26.67 -0.59 4.47	26.79 -0.46 4.47	30.14 -0.30 4.09	33.65 -0.23 3.42	37.17 -0.31 3.65	37.61 -0.25 3.01	31.93 -0.30 9.47	32.46 -0.64 3.05	30.04 -0.90 3.22	32.75 -0.88 3.35	35.47 -0.50 3.47	42.38 -0.52 3.83	47.10 -0.48 3.87	69.69 -0.84 4.97	49.83 -0.39 4.19	26.58 -0.13 3.02	32.96 0.42 2.51	37.94 0.79 1.46	36.63 0.72 1.64	36.57 0.43 0.00	41.92 0.41 0.00
NEG WEST_LEA_LOCKPORT 23791	19.55 -1.94 14.67	19.37 -2.38 14.06	15.00 -2.24 14.81	16.27 -2.13 13.33	16.24 -2.13 13.35	17.86 -2.33 14.34	20.68 -2.64 13.97	24.24 -2.70 14.19	36.06 -3.26 1.54	37.84 -3.46 0.41	32.29 -3.01 0.86	31.35 -2.82 0.00	33.46 -3.52 0.00	34.66 -3.75 1.03	36.02 -4.47 6.24	43.98 -4.74 2.74	52.99 -6.92 15.60	46.64 -5.16 2.60	26.27 -2.93 0.55	30.21 -3.71 1.13	33.56 -3.65 1.40	27.89 -3.61 6.05	32.71 -3.23 0.20	35.07 -3.24 3.20
NEG WEST___LANCASTER 23811	17.53 -1.72 16.91	17.43 -2.19 16.19	12.91 -2.03 17.11	14.46 -1.92 15.34	14.45 -1.91 15.36	15.95 -2.05 16.52	18.91 -2.22 16.17	22.46 -2.18 16.48	36.58 -2.44 1.83	38.52 -2.69 0.49	32.80 -2.33 1.02	32.01 -2.16 0.00	34.38 -2.59 0.00	35.31 -2.90 1.23	35.92 -3.39 7.41	44.57 -3.65 3.25	51.52 -5.61 18.37	47.17 -4.15 3.09	26.76 -2.33 0.65	30.72 -3.00 1.34	33.88 -3.07 1.66	27.30 -3.06 7.19	33.06 -2.85 0.23	34.84 -2.98 3.70

NEG_PENN_ALLEGHNY 23528	38.32 0.40 -1.77	35.93 0.12 0.00	37.05 0.14 -4.86	31.93 0.20 0.00	31.97 0.25 0.00	36.59 0.30 -1.77	37.69 0.37 -0.03	42.43 0.56 -0.74	42.23 0.60 -0.77	43.10 0.57 -0.83	36.96 0.56 -0.24	34.77 0.60 0.00	37.59 0.62 0.00	41.39 0.45 -1.51	47.26 0.53 0.00	52.00 0.54 0.00	109.86 0.66 -33.70	57.10 0.41 -2.28	21.47 0.23 8.50	30.55 0.16 4.67	36.97 0.20 1.83	49.36 0.07 -11.75	36.67 0.07 -0.46	47.95 -0.12 -6.56
NEG___GEN_MONROE 24207	33.20 -0.35 2.61	33.02 -0.71 2.08	27.91 -0.75 3.39	29.05 -0.71 1.97	29.04 -0.70 1.98	31.22 -0.74 2.57	34.40 -0.83 2.07	38.20 -0.83 2.09	39.48 -1.16 0.22	40.39 -1.25 0.06	34.91 -1.12 0.13	33.05 -1.11 0.00	35.39 -1.58 0.00	37.10 -1.81 0.52	43.52 -2.29 0.91	48.75 -2.31 0.40	61.66 -3.23 10.61	50.22 -2.30 1.88	28.42 -1.24 0.08	33.28 -1.61 0.16	36.93 -1.43 0.25	32.28 -1.48 3.78	34.64 -1.36 0.14	37.94 -1.34 2.23
NEPA___ENERGY 23901	17.49 -1.29 17.39	17.15 -1.99 16.66	12.71 -1.76 17.57	14.32 -1.62 15.79	14.35 -1.57 15.81	15.99 -1.54 16.99	19.16 -1.46 16.67	22.98 -1.14 17.00	37.81 -1.15 1.90	39.90 -1.30 0.51	34.03 -1.07 1.06	33.29 -0.88 0.00	35.86 -1.11 0.00	36.68 -1.50 1.26	37.34 -1.70 7.68	46.25 -1.85 3.36	53.55 -3.30 18.65	48.88 -2.39 3.14	27.78 -1.29 0.67	31.82 -1.86 1.38	34.91 -1.98 1.72	28.06 -2.16 7.33	33.99 -1.91 0.24	35.46 -2.23 3.82
NEVERSINK___HYD 23608	39.34 2.91 -0.26	38.71 2.91 0.00	35.37 2.60 -0.73	34.23 2.50 0.00	34.26 2.54 0.00	37.61 2.82 -0.26	40.55 3.26 0.00	44.89 3.77 0.00	44.68 3.82 0.00	45.77 4.07 0.00	39.32 3.75 0.57	37.75 3.78 0.19	40.75 4.01 0.24	42.64 3.09 -0.11	50.68 3.95 0.00	55.88 4.43 0.00	87.39 6.85 -5.03	54.29 4.55 4.66	30.77 2.17 1.14	36.98 1.92 0.00	40.91 2.28 -0.03	42.37 3.07 -1.76	38.92 2.71 -0.07	44.05 2.54 0.00
NEWKRMKL_115KV_TB1 55635	37.29 1.13 0.00	37.04 1.23 0.00	33.21 1.16 0.00	32.86 1.13 0.00	32.84 1.12 0.00	35.73 1.21 0.00	38.61 1.32 0.00	42.44 1.32 0.00	41.99 1.13 0.00	42.96 1.26 0.00	37.32 1.16 0.00	35.33 1.16 0.00	38.19 1.21 0.00	40.56 1.13 0.00	48.13 1.40 0.00	52.93 1.47 0.00	77.77 2.27 0.00	58.67 1.51 -2.75	31.07 0.76 -0.56	35.96 0.90 0.00	39.65 1.04 0.00	38.57 1.03 0.00	37.14 1.00 0.00	42.53 1.02 0.00
NEWTON___FALLS_HYD 23847	18.06 -1.68 16.42	0.41 -1.78 33.61	-1.29 -1.65 31.69	-1.45 -1.67 31.50	-1.43 -1.62 31.53	2.98 -1.75 29.79	-0.67 -1.92 36.05	0.96 -2.10 38.06	7.51 -2.08 31.27	1.18 -2.28 38.25	1.69 -2.43 32.04	-2.28 -2.46 33.99	-1.20 -2.79 35.38	-0.05 -2.87 36.62	2.84 -3.43 40.46	6.75 -3.81 40.90	17.89 -5.07 52.54	7.11 -3.09 44.21	-3.79 -1.59 31.94	7.49 -1.57 25.99	26.79 -1.53 10.29	24.42 -1.54 11.58	34.96 -1.17 0.00	40.62 -0.90 0.00
NGRID_A1_DSASP 323792	19.01 -2.37 14.78	18.87 -2.78 14.15	14.54 -2.57 14.94	15.85 -2.46 13.42	15.83 -2.46 13.44	17.39 -2.69 14.44	20.01 -3.04 14.25	23.46 -3.17 14.49	35.59 -3.72 1.55	37.41 -3.88 0.41	31.94 -3.34 0.88	31.04 -3.11 0.02	33.23 -3.73 0.01	34.36 -4.03 1.05	35.62 -4.82 6.29	43.58 -5.13 2.75	52.05 -7.48 15.97	46.16 -5.59 2.66	26.00 -3.19 0.55	29.87 -4.03 1.15	33.19 -4.01 1.41	27.35 -4.03 6.16	32.35 -3.59 0.20	34.73 -3.55 3.23
NGRID_A2_DSASP 323793	19.01 -2.37 14.78	18.87 -2.78 14.15	14.54 -2.57 14.94	15.85 -2.46 13.42	15.83 -2.46 13.44	17.39 -2.69 14.44	20.01 -3.04 14.25	23.46 -3.17 14.49	35.59 -3.72 1.55	37.41 -3.88 0.41	31.94 -3.34 0.88	31.04 -3.11 0.02	33.23 -3.73 0.01	34.36 -4.03 1.05	35.62 -4.82 6.29	43.58 -5.13 2.75	52.05 -7.48 15.97	46.16 -5.59 2.66	26.00 -3.19 0.55	29.87 -4.03 1.15	33.19 -4.01 1.41	27.35 -4.03 6.16	32.35 -3.59 0.20	34.73 -3.55 3.23
NGRID_A4_DSASP 323807	19.01 -2.37 14.78	18.87 -2.78 14.15	14.54 -2.57 14.94	15.85 -2.46 13.42	15.83 -2.46 13.44	17.39 -2.69 14.44	20.01 -3.04 14.25	23.46 -3.17 14.49	35.59 -3.72 1.55	37.41 -3.88 0.41	31.94 -3.34 0.88	31.04 -3.11 0.02	33.23 -3.73 0.01	34.36 -4.03 1.05	35.62 -4.82 6.29	43.58 -5.13 2.75	52.05 -7.48 15.97	46.16 -5.59 2.66	26.00 -3.19 0.55	29.87 -4.03 1.15	33.19 -4.01 1.41	27.35 -4.03 6.16	32.35 -3.59 0.20	34.73 -3.55 3.23
NIAGARA_115E_LBMP 323715	18.78 -2.33 15.06	18.64 -2.74 14.43	14.25 -2.60 15.20	15.58 -2.47 13.68	15.55 -2.47 13.70	17.10 -2.71 14.71	20.04 -3.04 14.21	23.60 -3.13 14.40	35.36 -3.95 1.55	37.03 -4.26 0.41	31.62 -3.67 0.86	30.74 -3.43 0.00	32.87 -4.10 0.00	34.07 -4.32 1.05	35.37 -5.07 6.28	43.14 -5.54 2.77	51.32 -8.21 15.98	45.55 -6.19 2.66	25.81 -3.38 0.55	29.59 -4.30 1.16	32.80 -4.40 1.41	27.03 -4.34 6.17	32.03 -3.91 0.20	34.31 -3.93 3.27
NIAGARA_115W_LBMP 323714	19.06 -2.34 14.77	18.93 -2.73 14.14	14.55 -2.58 14.92	15.87 -2.45 13.41	15.85 -2.45 13.42	17.42 -2.68 14.43	20.06 -3.00 14.24	23.52 -3.12 14.48	35.52 -3.79 1.55	37.34 -3.95 0.41	31.93 -3.35 0.88	31.04 -3.11 0.02	33.24 -3.72 0.01	34.35 -4.04 1.05	35.59 -4.86 6.28	43.50 -5.20 2.75	51.88 -7.65 15.97	46.06 -5.70 2.66	26.07 -3.12 0.55	29.88 -4.03 1.15	33.15 -4.05 1.41	27.25 -4.13 6.16	32.27 -3.67 0.20	34.66 -3.62 3.23
NIAGARA_230_LBMP 323716	19.18 -2.33 14.65	19.05 -2.72 14.03	14.66 -2.57 14.82	15.99 -2.44 13.30	15.97 -2.44 13.32	17.53 -2.67 14.32	20.17 -3.00 14.13	23.63 -3.12 14.38	35.65 -3.66 1.54	37.48 -3.81 0.41	32.06 -3.23 0.86	31.18 -2.98 0.00	33.39 -3.59 0.00	34.47 -3.93 1.04	35.71 -4.77 6.25	43.69 -5.04 2.72	52.31 -7.40 15.80	46.25 -5.53 2.62	26.16 -3.03 0.55	30.03 -3.92 1.11	33.28 -3.93 1.40	27.43 -4.01 6.10	32.38 -3.56 0.20	34.71 -3.59 3.22
NIAGARA___115KV_198_GIBSON 55903	18.98 -2.42 14.77	18.84 -2.83 14.14	14.51 -2.61 14.92	15.83 -2.50 13.41	15.80 -2.50 13.42	17.36 -2.74 14.43	19.97 -3.08 14.24	23.42 -3.22 14.48	35.51 -3.80 1.55	37.32 -3.96 0.41	31.87 -3.41 0.88	30.97 -3.18 0.02	33.15 -3.81 0.01	34.29 -4.10 1.05	35.55 -4.90 6.28	43.48 -5.22 2.75	51.90 -7.63 15.97	46.05 -5.70 2.66	25.94 -3.25 0.55	29.80 -4.10 1.15	33.12 -4.09 1.41	27.28 -4.10 6.16	32.29 -3.65 0.20	34.68 -3.61 3.23
NIAGARA____ 23760	19.10 -2.33 14.73	18.98 -2.72 14.10	14.59 -2.57 14.89	15.92 -2.44 13.38	15.89 -2.44 13.39	17.46 -2.67 14.39	20.15 -3.00 14.15	23.61 -3.12 14.39	35.65 -3.66 1.55	37.48 -3.81 0.41	32.06 -3.23 0.86	31.18 -2.98 0.00	33.38 -3.59 0.00	34.47 -3.93 1.04	35.70 -4.77 6.26	43.68 -5.04 2.73	52.25 -7.40 15.86	46.24 -5.53 2.64	26.16 -3.03 0.55	30.02 -3.92 1.12	33.28 -3.93 1.40	27.41 -4.01 6.12	32.37 -3.56 0.20	34.70 -3.59 3.23
NINE_MILE_1 23575	35.22 -0.95 0.00	34.77 -1.03 0.00	31.13 -0.91 0.00	30.84 -0.89 0.00	30.83 -0.90 0.00	33.55 -0.97 0.00	35.79 -1.11 0.39	29.25 -1.24 10.63	28.57 -1.26 11.04	28.55 -1.30 11.85	31.55 -1.14 3.46	33.07 -1.09 0.00	35.72 -1.26 0.00	37.99 -1.45 0.00	44.99 -1.74 0.00	49.54 -1.92 0.00	72.66 -2.85 0.00	52.41 -2.00 0.00	28.72 -1.02 0.00	33.78 -1.28 0.00	37.23 -1.37 0.00	36.21 -1.34 0.00	34.88 -1.25 0.00	40.27 -1.24 0.00

NINE_MILE_2 23744	35.22 -0.95 0.00	34.77 -1.03 0.00	31.14 -0.91 0.00	30.85 -0.88 0.00	30.84 -0.89 0.00	33.56 -0.97 0.00	35.79 -1.11 0.40	29.09 -1.24 10.79	28.40 -1.26 11.20	28.38 -1.30 12.02	31.50 -1.14 3.52	33.07 -1.09 0.00	35.72 -1.26 0.00	37.99 -1.45 0.00	44.99 -1.74 0.00	49.54 -1.92 0.00	72.67 -2.84 0.00	52.41 -2.00 0.00	28.72 -1.02 0.00	33.79 -1.27 0.00	37.24 -1.37 0.00	36.21 -1.34 0.00	34.88 -1.25 0.00	40.27 -1.24 0.00
NM_CAPITAL___DRP 24208	37.33 1.17 0.00	37.09 1.29 0.00	33.27 1.22 0.00	32.90 1.17 0.00	32.88 1.16 0.00	35.77 1.25 0.00	38.66 1.37 0.00	42.49 1.37 0.00	42.08 1.21 0.00	43.05 1.34 0.00	37.39 1.23 0.00	35.39 1.23 0.00	38.27 1.29 0.00	40.64 1.21 0.00	48.23 1.51 0.00	53.04 1.58 0.00	77.91 2.41 0.00	58.80 1.58 -2.82	31.11 0.79 -0.57	36.01 0.95 0.00	39.71 1.10 0.00	38.65 1.10 0.00	37.22 1.08 0.00	42.60 1.08 0.00
NM_CENTRAL___DRP 24181	35.78 -0.17 0.21	35.47 -0.33 0.00	31.17 -0.30 0.58	31.46 -0.27 0.00	31.45 -0.28 0.00	34.04 -0.28 0.21	37.02 -0.32 -0.04	41.86 -0.30 -1.04	41.61 -0.33 -1.08	42.47 -0.39 -1.16	36.14 -0.35 -0.34	33.81 -0.36 0.00	36.52 -0.45 0.00	38.62 -0.64 0.18	45.88 -0.84 0.00	50.51 -0.94 0.00	70.13 -1.35 4.02	52.77 -0.91 0.73	29.30 -0.45 0.00	34.47 -0.58 0.00	37.98 -0.60 0.02	35.51 -0.63 1.40	35.51 -0.57 0.05	40.97 -0.54 0.00
NM_FRONTIER___DRP 24179	18.98 -2.42 14.77	18.84 -2.83 14.14	14.51 -2.61 14.92	15.83 -2.50 13.41	15.80 -2.50 13.42	17.36 -2.74 14.43	19.97 -3.08 14.24	23.42 -3.22 14.48	35.51 -3.80 1.55	37.32 -3.96 0.41	31.87 -3.41 0.88	30.97 -3.18 0.02	33.15 -3.81 0.01	34.29 -4.10 1.05	35.55 -4.90 6.28	43.48 -5.22 2.75	51.90 -7.63 15.97	46.05 -5.70 2.66	25.94 -3.25 0.55	29.80 -4.10 1.15	33.12 -4.09 1.41	27.28 -4.10 6.16	32.29 -3.65 0.20	34.68 -3.61 3.23
NM_ST_REGIS___HYD 24053	26.91 -1.60 7.66	18.68 -1.45 15.67	15.85 -1.42 14.78	15.62 -1.42 14.69	15.67 -1.35 14.70	20.27 -1.44 12.81	33.16 -0.72 3.42	36.63 -0.85 3.65	37.29 -0.57 3.01	36.49 -0.76 4.46	32.18 -0.93 3.05	29.73 -1.21 3.22	32.37 -1.25 3.35	34.93 -1.04 3.47	41.56 -1.34 3.83	46.30 -1.29 3.87	68.30 -2.23 4.97	48.95 -1.27 4.19	26.30 -0.42 3.02	31.98 -0.19 2.88	32.78 -1.03 4.80	31.14 -1.01 5.40	35.14 -1.00 0.00	40.59 -0.92 0.00
NORTHPORT___1 23551	45.98 3.68 -6.13	39.28 3.47 0.00	35.63 3.01 -0.57	34.55 2.82 0.00	34.67 2.95 0.00	38.05 3.32 -0.21	41.17 3.87 0.00	45.47 4.34 0.00	45.36 4.44 -0.06	46.92 4.56 -0.66	79.10 4.21 -38.74	60.86 4.13 -22.57	84.62 4.46 -43.18	102.45 4.54 -58.47	242.27 5.50 -190.05	437.09 5.88 -379.76	458.01 8.80 -373.70	407.62 5.86 -347.35	374.60 2.92 -341.95	101.96 3.44 -63.46	98.74 3.94 -56.20	98.32 3.84 -56.93	367.93 3.41 -328.38	44.62 3.10 0.00
NORTHPORT___2 23552	45.98 3.68 -6.13	39.28 3.47 0.00	35.63 3.01 -0.57	34.55 2.82 0.00	34.67 2.95 0.00	38.05 3.32 -0.21	41.17 3.87 0.00	45.47 4.34 0.00	45.36 4.44 -0.06	46.92 4.56 -0.66	79.10 4.21 -38.74	60.86 4.13 -22.57	84.62 4.46 -43.18	102.45 4.54 -58.47	242.27 5.50 -190.05	437.09 5.88 -379.76	458.01 8.80 -373.70	407.62 5.86 -347.35	374.60 2.92 -341.95	101.96 3.44 -63.46	98.74 3.94 -56.20	98.32 3.84 -56.93	367.93 3.41 -328.38	44.62 3.10 0.00
NORTHPORT___3 23553	45.96 3.67 -6.13	39.25 3.44 0.00	35.61 2.99 -0.57	34.53 2.80 0.00	34.65 2.92 0.00	38.02 3.29 -0.21	41.14 3.84 0.00	45.43 4.30 0.00	45.32 4.40 -0.06	46.89 4.52 -0.66	79.16 4.17 -38.83	60.95 4.11 -22.67	84.86 4.45 -43.43	102.71 4.54 -58.73	242.45 5.50 -190.22	437.15 5.88 -379.80	458.07 8.82 -373.75	407.68 5.88 -347.39	374.67 2.90 -342.03	102.23 3.41 -63.76	98.89 3.91 -56.38	98.48 3.81 -57.12	367.99 3.39 -328.46	44.59 3.08 0.00
NORTHPORT___4 23650	45.96 3.67 -6.13	39.25 3.44 0.00	35.61 2.99 -0.57	34.53 2.80 0.00	34.65 2.92 0.00	38.02 3.29 -0.21	41.14 3.84 0.00	45.43 4.30 0.00	45.32 4.40 -0.06	46.89 4.52 -0.66	79.16 4.17 -38.83	60.95 4.11 -22.67	84.86 4.45 -43.43	102.71 4.54 -58.73	242.45 5.50 -190.22	437.15 5.88 -379.80	458.07 8.82 -373.75	407.68 5.88 -347.39	374.67 2.90 -342.03	102.23 3.41 -63.76	98.89 3.91 -56.38	98.48 3.81 -57.12	367.99 3.39 -328.46	44.59 3.08 0.00
NORTHPORT___IC 23718	45.98 3.68 -6.13	39.29 3.48 0.00	35.63 3.01 -0.57	34.56 2.83 0.00	34.68 2.95 0.00	38.06 3.32 -0.21	41.18 3.88 0.00	45.48 4.35 0.00	45.36 4.43 -0.06	46.92 4.56 -0.66	79.10 4.21 -38.74	60.87 4.14 -22.57	84.62 4.46 -43.18	102.46 4.55 -58.47	242.27 5.50 -190.05	437.11 5.89 -379.76	458.00 8.79 -373.70	407.61 5.86 -347.35	374.60 2.92 -341.95	101.96 3.44 -63.46	98.73 3.93 -56.20	98.30 3.82 -56.93	367.93 3.41 -328.38	44.59 3.08 0.00
NORTH___COUNTRY_ESR 323785	31.93 -1.49 2.75	28.93 -1.25 5.63	25.49 -1.26 5.31	25.21 -1.24 5.27	25.32 -1.12 5.28	28.58 -1.17 4.78	32.73 -1.15 3.42	36.14 -1.34 3.65	36.68 -1.17 3.01	35.94 -1.30 4.46	31.74 -1.37 3.05	29.51 -1.43 3.22	32.18 -1.45 3.35	34.71 -1.25 3.47	41.37 -1.53 3.83	46.04 -1.54 3.87	68.13 -2.41 4.97	48.78 -1.44 4.19	26.04 -0.69 3.02	32.03 -0.48 2.54	36.62 -0.27 1.72	35.36 -0.24 1.94	35.80 -0.33 0.00	41.13 -0.39 0.00
NPX_GEN_1385_PROXY 323591	45.98 3.68 -6.13	39.28 3.47 0.00	35.63 3.01 -0.57	34.55 2.82 0.00	34.67 2.95 0.00	37.14 3.32 0.71	41.17 3.87 0.00	45.47 4.34 0.00	45.36 4.44 -0.06	46.92 4.56 -0.66	79.10 4.21 -38.74	60.86 4.13 -22.57	84.62 4.46 -43.18	102.45 4.54 -58.47	242.27 5.50 -190.05	437.09 5.88 -379.76	458.01 8.80 -373.70	407.62 5.86 -347.35	374.60 2.92 -341.95	101.96 3.44 -63.46	98.74 3.94 -56.20	98.32 3.84 -56.93	367.93 3.41 -328.38	44.62 3.10 0.00
NPX_GEN_CSC 323557	46.21 3.92 -6.13	39.64 3.83 0.00	35.93 3.31 -0.57	34.84 3.11 0.00	35.14 3.42 0.00	37.67 3.85 0.71	41.60 4.30 0.00	45.99 4.86 0.00	45.93 5.01 -0.06	47.32 4.96 -0.66	80.49 4.76 -39.57	61.77 4.14 -23.47	86.77 4.44 -45.36	104.78 4.58 -60.76	243.87 5.54 -191.60	437.46 5.87 -380.13	458.44 8.81 -374.13	408.04 5.88 -347.75	375.44 3.03 -342.67	104.80 3.68 -66.06	101.07 4.65 -57.81	100.51 4.41 -58.56	369.07 3.89 -329.04	45.15 3.64 0.00
NSINS_S_GLNS_FALLS 23858	38.88 2.71 0.00	38.53 2.72 0.00	34.48 2.43 0.00	34.10 2.37 0.00	34.10 2.38 0.00	37.29 2.77 0.00	40.47 3.18 0.00	44.63 3.51 0.00	44.22 3.35 0.00	45.43 3.73 0.00	39.12 2.97 0.00	36.89 2.73 0.00	39.87 2.90 0.00	42.17 2.73 0.00	49.95 3.22 0.00	55.13 3.67 0.00	81.12 5.62 0.00	61.04 4.18 -2.46	32.62 2.38 -0.50	37.79 2.73 0.00	41.67 3.06 0.00	40.60 3.05 0.00	38.92 2.78 0.00	44.45 2.94 0.00
NUCOR_STEEL___DRP 24197	36.15 0.34 0.35	35.98 0.18 0.00	31.25 0.17 0.97	31.93 0.19 0.00	31.91 0.19 0.00	34.32 0.15 0.35	37.67 0.30 -0.06	43.04 0.18 -1.73	42.76 0.09 -1.80	43.64 0.01 -1.93	36.73 0.01 -0.56	34.13 -0.04 0.00	36.86 -0.11 0.00	38.82 -0.31 0.30	46.28 -0.45 0.00	50.87 -0.59 0.00	67.99 -0.76 6.76	52.81 -0.38 1.22	29.57 -0.18 0.00	34.81 -0.25 0.00	38.38 -0.18 0.04	35.09 -0.10 2.36	35.84 -0.21 0.09	40.29 -0.09 1.13

NUMBER_THREE_WT_PWR 323818	4.38 -1.18 30.60	-28.32 -1.51 62.62	-28.32 -1.33 59.04	-28.32 -1.36 58.69	-28.32 -1.30 58.74	-22.03 -1.27 55.28	-28.32 -1.13 64.49	-28.32 -1.14 68.31	-16.55 -1.23 56.18	-28.32 -1.35 68.68	-22.96 -1.74 57.38	-28.32 -1.69 60.80	-28.32 -2.01 63.28	-28.32 -2.27 65.49	-28.32 -2.69 72.35	-24.89 -3.20 73.14	-22.15 -3.60 94.05	-26.55 -1.89 79.07	-28.32 -0.93 57.13	-12.45 -0.93 46.58	18.41 -1.04 19.16	14.87 -1.11 21.57	35.69 -0.45 0.00	41.60 0.09 0.00
NYISO_LBMP_REFERENCE 24008	36.16 0.00 0.00	35.81 0.00 0.00	32.05 0.00 0.00	31.73 0.00 0.00	31.72 0.00 0.00	34.53 0.00 0.00	37.30 0.00 0.00	41.13 0.00 0.00	40.86 0.00 0.00	41.70 0.00 0.00	36.15 0.00 0.00	34.16 0.00 0.00	36.98 0.00 0.00	39.44 0.00 0.00	46.73 0.00 0.00	51.46 0.00 0.00	75.50 0.00 0.00	54.40 0.00 0.00	29.74 0.00 0.00	35.06 0.00 0.00	38.61 0.00 0.00	37.54 0.00 0.00	36.14 0.00 0.00	41.51 0.00 0.00
NYPA_BRENTWD____GT 24164	46.43 4.14 -6.13	39.69 3.88 0.00	35.99 3.37 -0.57	34.90 3.17 0.00	35.04 3.31 0.00	38.46 3.72 -0.21	41.63 4.33 0.00	46.03 4.90 0.00	45.97 5.05 -0.06	47.56 5.20 -0.66	81.91 4.82 -40.94	63.79 4.70 -24.93	90.90 5.00 -48.93	109.01 5.05 -64.52	246.94 6.08 -194.14	438.76 6.56 -380.75	460.20 9.87 -374.82	409.41 6.59 -348.42	376.95 3.35 -343.86	109.29 3.92 -70.31	103.55 4.49 -60.46	103.17 4.40 -61.22	370.19 3.94 -330.11	45.12 3.61 0.00
NYPA_GOWANUS____GT5 24156	39.71 3.34 -0.21	38.92 3.11 0.00	35.44 2.82 -0.57	34.40 2.67 0.00	34.41 2.68 0.00	37.70 2.97 -0.21	40.79 3.50 0.00	45.17 4.04 0.00	45.16 4.30 0.00	46.43 4.73 0.00	69.28 4.51 -28.61	59.61 4.43 -21.02	58.38 4.88 -16.53	69.27 4.77 -25.06	94.13 5.66 -41.74	74.38 6.50 -16.42	113.81 9.60 -28.71	102.21 6.59 -41.22	75.21 2.75 -42.72	61.91 3.28 -23.58	52.71 3.77 -10.33	42.76 3.84 -1.38	39.67 3.48 -0.05	44.72 3.21 0.00
NYPA_GOWANUS____GT6 24157	39.71 3.34 -0.21	38.92 3.11 0.00	35.44 2.82 -0.57	34.40 2.67 0.00	34.41 2.68 0.00	37.70 2.97 -0.21	40.79 3.50 0.00	45.17 4.04 0.00	45.16 4.30 0.00	46.43 4.73 0.00	69.28 4.51 -28.61	59.61 4.43 -21.02	58.38 4.88 -16.53	69.27 4.77 -25.06	94.13 5.66 -41.74	74.38 6.50 -16.42	113.81 9.60 -28.71	102.21 6.59 -41.22	75.21 2.75 -42.72	61.91 3.28 -23.58	52.71 3.77 -10.33	42.76 3.84 -1.38	39.67 3.48 -0.05	44.72 3.21 0.00
NYPA_HARLEM__RVR__GT1 24160	39.54 3.17 -0.21	38.71 2.91 0.00	35.29 2.67 -0.57	34.24 2.51 0.00	34.25 2.52 0.00	37.54 2.80 -0.21	40.56 3.26 0.00	44.91 3.78 0.00	44.90 4.04 0.00	46.10 4.39 0.00	68.61 4.07 -28.39	58.96 4.07 -20.72	57.57 4.49 -16.11	68.83 4.43 -24.96	93.84 5.38 -41.74	68.02 6.26 -10.31	108.21 9.29 -23.42	97.36 6.35 -36.60	75.11 2.67 -42.70	61.60 3.05 -23.49	52.34 3.57 -10.16	42.58 3.65 -1.38	39.54 3.35 -0.05	44.47 2.96 0.00
NYPA_HARLEM__RVR__GT2 24161	39.54 3.17 -0.21	38.71 2.91 0.00	35.29 2.67 -0.57	34.24 2.51 0.00	34.25 2.52 0.00	37.54 2.80 -0.21	40.56 3.26 0.00	44.91 3.78 0.00	44.90 4.04 0.00	46.10 4.39 0.00	68.61 4.07 -28.39	58.96 4.07 -20.72	57.57 4.49 -16.11	68.83 4.43 -24.96	93.84 5.38 -41.74	68.02 6.26 -10.31	108.21 9.29 -23.42	97.36 6.35 -36.60	75.11 2.67 -42.70	61.60 3.05 -23.49	52.34 3.57 -10.16	42.58 3.65 -1.38	39.54 3.35 -0.05	44.47 2.96 0.00
NYPA_KENT____GT 24152	39.67 3.31 -0.21	38.90 3.09 0.00	35.41 2.79 -0.57	34.38 2.65 0.00	34.38 2.65 0.00	37.66 2.93 -0.21	40.74 3.45 0.00	45.12 4.00 0.00	45.12 4.26 0.00	46.39 4.68 0.00	69.18 4.39 -28.64	59.63 4.33 -21.14	58.41 4.73 -16.71	69.20 4.66 -25.11	94.07 5.61 -41.74	66.27 6.32 -8.49	104.65 9.39 -19.76	92.69 6.42 -31.87	75.20 2.74 -42.72	61.72 3.20 -23.46	52.36 3.68 -10.07	42.71 3.78 -1.38	39.63 3.44 -0.05	44.67 3.16 0.00
NYPA_POUCH1____GT 24155	39.61 3.24 -0.21	38.82 3.01 0.00	35.37 2.75 -0.57	34.33 2.60 0.00	34.34 2.62 0.00	37.63 2.90 -0.21	40.71 3.42 0.00	45.05 3.93 0.00	45.06 4.20 0.00	46.34 4.64 0.00	69.23 4.47 -28.61	59.56 4.38 -21.02	58.33 4.82 -16.53	69.14 4.64 -25.06	94.00 5.53 -41.74	74.31 6.43 -16.42	113.76 9.56 -28.71	102.17 6.54 -41.22	75.19 2.73 -42.72	61.92 3.29 -23.58	52.73 3.79 -10.33	42.73 3.80 -1.38	39.63 3.44 -0.05	44.67 3.16 0.00
NYPA_VERNON____GT2 24162	39.65 3.28 -0.21	38.88 3.07 0.00	35.39 2.78 -0.57	34.35 2.62 0.00	34.36 2.63 0.00	37.63 2.90 -0.21	40.70 3.40 0.00	45.09 3.96 0.00	45.08 4.21 0.00	46.32 4.62 0.00	68.81 4.26 -28.39	59.06 4.22 -20.68	57.60 4.59 -16.04	68.93 4.55 -24.95	94.01 5.55 -41.74	66.47 6.20 -8.82	104.99 9.22 -20.27	94.23 6.28 -33.54	75.20 2.74 -42.72	61.70 3.15 -23.49	52.37 3.62 -10.14	42.67 3.73 -1.38	39.59 3.40 -0.05	44.64 3.12 0.00
NYPA_VERNON____GT3 24163	39.65 3.28 -0.21	38.88 3.07 0.00	35.39 2.78 -0.57	34.35 2.62 0.00	34.36 2.63 0.00	37.63 2.90 -0.21	40.70 3.40 0.00	45.09 3.96 0.00	45.08 4.21 0.00	46.32 4.62 0.00	68.81 4.26 -28.39	59.06 4.22 -20.68	57.60 4.59 -16.04	68.93 4.55 -24.95	94.01 5.55 -41.74	66.47 6.20 -8.82	104.99 9.22 -20.27	94.23 6.28 -33.54	75.20 2.74 -42.72	61.70 3.15 -23.49	52.37 3.62 -10.14	42.67 3.73 -1.38	39.59 3.40 -0.05	44.64 3.12 0.00
NYPA__ASTORIA_CC1 323568	39.61 3.24 -0.21	38.84 3.03 0.00	35.35 2.73 -0.57	34.31 2.58 0.00	34.32 2.60 0.00	37.59 2.85 -0.21	40.65 3.35 0.00	45.02 3.90 0.00	45.03 4.16 0.00	46.26 4.56 0.00	68.75 4.20 -28.39	59.04 4.15 -20.72	57.59 4.51 -16.11	68.87 4.47 -24.96	93.92 5.46 -41.74	68.41 6.13 -10.83	108.63 9.12 -24.01	96.38 6.23 -35.74	75.15 2.69 -42.72	61.66 3.10 -23.51	52.34 3.57 -10.17	42.62 3.69 -1.38	39.55 3.36 -0.05	44.56 3.05 0.00
NYPA__ASTORIA_CC2 323569	39.61 3.24 -0.21	38.84 3.03 0.00	35.35 2.73 -0.57	34.31 2.58 0.00	34.32 2.60 0.00	37.59 2.85 -0.21	40.65 3.35 0.00	45.02 3.90 0.00	45.03 4.16 0.00	46.26 4.56 0.00	68.75 4.20 -28.39	59.04 4.15 -20.72	57.59 4.51 -16.11	68.87 4.47 -24.96	93.92 5.46 -41.74	68.41 6.13 -10.83	108.63 9.12 -24.01	96.38 6.23 -35.74	75.15 2.69 -42.72	61.66 3.10 -23.51	52.34 3.57 -10.17	42.62 3.69 -1.38	39.55 3.36 -0.05	44.56 3.05 0.00
NYPA__HOLTSVILL 23794	46.21 3.91 -6.13	39.51 3.71 0.00	35.83 3.21 -0.57	34.74 3.01 0.00	34.92 3.19 0.00	38.33 3.60 -0.21	41.45 4.15 0.00	45.81 4.68 0.00	45.75 4.82 -0.06	47.30 4.94 -0.66	80.25 4.61 -39.48	61.93 4.39 -23.37	86.86 4.75 -45.14	104.81 4.86 -60.52	243.98 5.81 -191.44	437.70 6.15 -380.10	458.70 9.12 -374.08	408.19 6.07 -347.71	375.47 3.13 -342.59	104.60 3.75 -65.79	100.66 4.41 -57.65	100.15 4.21 -58.39	368.86 3.75 -328.97	44.98 3.47 0.00
NYPA__HELLGATE_GT1 24158	39.54 3.17 -0.21	38.72 2.91 0.00	35.29 2.67 -0.57	34.24 2.51 0.00	34.25 2.52 0.00	37.54 2.80 -0.21	40.56 3.26 0.00	44.91 3.78 0.00	44.90 4.04 0.00	46.10 4.39 0.00	68.63 4.09 -28.39	58.98 4.09 -20.72	57.59 4.51 -16.11	68.85 4.45 -24.96	93.84 5.38 -41.74	69.27 6.26 -11.55	109.41 9.29 -24.62	97.36 6.35 -36.60	75.13 2.67 -42.72	61.61 3.05 -23.50	52.35 3.57 -10.17	42.58 3.65 -1.38	39.54 3.35 -0.05	44.47 2.96 0.00

NYPA_____HELLGATE_GT2 24159	39.54	38.72	35.29	34.24	34.25	37.54	40.56	44.91	44.90	46.10	68.63	58.98	57.59	68.85	93.84	69.27	109.41	97.36	75.13	61.61	52.35	42.58	39.54	44.47
	3.17	2.91	2.67	2.51	2.52	2.80	3.26	3.78	4.04	4.39	4.09	4.09	4.51	4.45	5.38	6.26	9.29	6.35	2.67	3.05	3.57	3.65	3.35	2.96
	-0.21	0.00	-0.57	0.00	0.00	-0.21	0.00	0.00	0.00	0.00	-28.39	-20.72	-16.11	-24.96	-41.74	-11.55	-24.62	-36.60	-42.72	-23.50	-10.17	-1.38	-0.05	0.00
NYS_BARGE___HYD 23848	20.56	20.38	15.89	17.19	17.16	18.80	21.72	25.36	36.26	37.91	32.42	31.42	33.54	34.78	36.53	44.21	53.23	46.68	26.45	30.38	33.70	28.02	32.72	35.14
	-1.76	-2.19	-2.13	-2.00	-2.00	-2.19	-2.45	-2.45	-3.15	-3.41	-2.93	-2.74	-3.43	-3.65	-4.34	-4.67	-6.93	-5.15	-2.78	-3.61	-3.59	-3.60	-3.22	-3.22
	13.85	13.23	14.04	12.54	12.57	13.53	13.12	13.32	1.45	0.38	0.81	0.00	0.00	1.00	5.85	2.57	15.34	2.57	0.51	1.07	1.31	5.93	0.20	3.15
OAK ORCHARD___HYD 24046	35.15	35.00	29.74	30.95	30.95	33.16	36.37	40.17	39.60	40.37	35.00	33.08	35.50	37.28	44.59	49.29	62.12	50.30	28.56	33.46	37.08	32.41	34.57	37.89
	-0.47	-0.80	-0.83	-0.78	-0.77	-0.83	-0.94	-0.97	-1.26	-1.33	-1.16	-1.08	-1.48	-1.69	-2.15	-2.17	-3.13	-2.26	-1.18	-1.59	-1.48	-1.56	-1.43	-1.42
	0.54	0.00	1.48	0.00	0.00	0.54	-0.02	-0.02	0.00	0.00	0.00	0.00	0.00	0.46	-0.01	0.00	10.26	1.85	0.00	0.00	0.05	3.57	0.14	2.19
OAKDALE___35_KV_LOAD 356122	38.44	35.88	37.51	31.88	31.94	36.73	37.61	42.31	42.11	42.98	36.88	34.71	37.53	41.52	47.19	51.93	113.22	57.56	21.29	30.42	36.89	50.52	36.68	49.12
	0.33	0.07	0.10	0.15	0.21	0.26	0.29	0.48	0.51	0.49	0.49	0.55	0.55	0.42	0.47	0.48	0.56	0.32	0.18	0.11	0.13	0.02	0.03	-0.16
	-1.95	0.00	-5.35	0.00	0.00	-1.95	-0.03	-0.71	-0.74	-0.79	-0.23	0.00	0.00	-1.66	0.00	0.00	-37.15	-2.84	8.63	4.74	1.85	-12.95	-0.51	-7.76
OCC_CHEM___DRP 24175	19.01	18.87	14.54	15.85	15.83	17.39	20.01	23.46	35.59	37.41	31.94	31.04	33.23	34.36	35.62	43.58	52.05	46.16	26.00	29.87	33.19	27.35	32.35	34.73
	-2.37	-2.78	-2.57	-2.46	-2.46	-2.69	-3.04	-3.17	-3.72	-3.88	-3.34	-3.11	-3.73	-4.03	-4.82	-5.13	-7.48	-5.59	-3.19	-4.03	-4.01	-4.03	-3.59	-3.55
	14.78	14.15	14.94	13.42	13.44	14.44	14.25	14.49	1.55	0.41	0.88	0.02	0.01	1.05	6.29	2.75	15.97	2.66	0.55	1.15	1.41	6.16	0.20	3.23
OH_GEN_PROXY 24063	20.63	20.51	16.00	17.37	17.35	18.04	21.68	25.18	35.97	37.69	32.29	31.32	33.54	34.67	36.52	44.18	52.86	46.51	26.34	30.29	33.57	27.73	32.48	34.81
	-2.26	-2.65	-2.51	-2.37	-2.37	-2.59	-2.89	-3.00	-3.50	-3.65	-3.09	-2.85	-3.43	-3.77	-4.58	-4.83	-7.09	-5.29	-2.91	-3.76	-3.77	-3.86	-3.46	-3.52
	13.28	12.64	13.54	11.99	12.00	13.89	12.72	12.95	1.39	0.37	0.78	0.00	0.00	1.00	5.63	2.45	15.56	2.60	0.49	1.00	1.27	5.96	0.20	3.18
OLIN_CORP_DRP 24177	18.42	18.27	13.95	15.27	15.24	16.78	19.62	23.09	35.29	37.06	31.61	30.74	32.85	34.02	35.14	43.10	51.36	45.64	25.72	29.55	32.81	27.05	32.11	34.36
	-2.40	-2.82	-2.62	-2.51	-2.51	-2.75	-3.13	-3.29	-3.98	-4.22	-3.66	-3.42	-4.12	-4.35	-5.13	-5.51	-8.00	-6.08	-3.46	-4.32	-4.35	-4.25	-3.83	-3.85
	15.35	14.72	15.48	13.95	13.97	15.00	14.55	14.75	1.59	0.42	0.89	0.00	0.00	1.07	6.45	2.84	16.14	2.69	0.57	1.19	1.44	6.25	0.20	3.30
OLIN_CORP_DSASP 323712	19.01	18.87	14.54	15.85	15.83	17.39	20.01	23.46	35.59	37.41	31.94	31.04	33.23	34.36	35.62	43.58	52.05	46.16	26.00	29.87	33.19	27.35	32.35	34.73
	-2.37	-2.78	-2.57	-2.46	-2.46	-2.69	-3.04	-3.17	-3.72	-3.88	-3.34	-3.11	-3.73	-4.03	-4.82	-5.13	-7.48	-5.59	-3.19	-4.03	-4.01	-4.03	-3.59	-3.55
	14.78	14.15	14.94	13.42	13.44	14.44	14.25	14.49	1.55	0.41	0.88	0.02	0.01	1.05	6.29	2.75	15.97	2.66	0.55	1.15	1.41	6.16	0.20	3.23
ONEIDA_HERK_LFGE 323681	52.37	68.57	62.93	62.41	62.48	63.51	70.43	77.04	70.62	77.81	65.45	64.82	68.64	72.11	82.71	87.62	122.73	94.71	58.96	59.08	48.99	49.08	36.63	42.31
	0.14	-0.10	-0.11	-0.13	-0.07	0.04	0.26	0.36	0.34	0.27	-0.18	-0.31	-0.56	-0.67	-0.86	-1.09	-0.83	0.04	0.12	0.27	0.32	0.21	0.49	0.80
	-16.06	-32.87	-30.99	-30.81	-30.84	-28.94	-32.87	-35.56	-29.42	-35.84	-29.47	-30.96	-32.23	-33.35	-36.85	-37.25	-48.06	-40.27	-29.09	-23.75	-10.06	-11.32	0.00	0.00
ONEIDA___115KV_TB4 55905	42.13	46.82	42.37	41.98	42.02	44.40	48.56	53.80	51.66	54.48	46.25	44.37	47.42	50.20	58.49	63.30	91.13	67.90	39.42	43.27	42.76	41.95	37.02	42.50
	0.97	0.79	0.69	0.68	0.71	0.88	1.07	1.23	1.25	1.21	0.83	0.61	0.46	0.43	0.35	0.30	0.73	1.02	0.66	0.85	1.02	0.88	0.89	0.98
	-4.99	-10.22	-9.63	-9.58	-9.59	-8.99	-10.20	-11.44	-9.55	-11.57	-9.27	-9.59	-9.98	-10.33	-11.41	-11.54	-14.89	-12.47	-9.01	-7.36	-3.13	-3.52	0.00	0.00
ONONDAGA_REF_OCCRA 23987	36.01	35.72	31.29	31.68	31.68	34.25	37.32	42.40	42.16	43.03	36.49	34.05	36.80	38.88	46.24	50.87	69.89	53.04	29.51	34.73	38.27	35.53	35.75	41.20
	0.09	-0.08	-0.07	-0.05	-0.05	-0.03	-0.03	0.02	-0.01	-0.08	-0.08	-0.11	-0.18	-0.34	-0.49	-0.59	-0.85	-0.51	-0.24	-0.33	-0.31	-0.35	-0.33	-0.31
	0.25	0.00	0.69	0.00	0.00	0.25	-0.05	-1.26	-1.31	-1.40	-0.41	0.00	0.00	0.21	0.00	0.00	4.76	0.86	0.00	0.00	0.03	1.66	0.07	0.00
ONONDAGA___COGEN 23986	35.92	35.68	31.20	31.65	31.64	34.18	37.30	42.97	42.75	43.67	36.62	33.98	36.72	38.75	46.11	50.75	69.33	52.83	29.44	34.64	38.18	35.32	35.67	40.46
	0.03	-0.13	-0.11	-0.08	-0.08	-0.07	-0.07	-0.08	-0.11	-0.19	-0.16	-0.18	-0.25	-0.45	-0.61	-0.70	-1.01	-0.65	-0.30	-0.41	-0.40	-0.42	-0.40	-0.34
	0.27	0.00	0.74	0.00	0.00	0.27	-0.07	-1.93	-2.00	-2.15	-0.63	0.00	0.00	0.23	0.00	0.00	5.17	0.93	0.00	0.00	0.03	1.80	0.07	0.72
ONTARIO___LFGE 23819	43.23	43.45	36.83	38.90	38.94	41.14	45.09	49.93	42.59	42.80	36.95	34.22	36.92	38.60	49.60	52.30	60.98	51.30	29.84	35.31	39.01	32.75	35.56	37.44
	0.13	-0.18	-0.20	-0.20	-0.14	-0.10	0.00	0.19	0.16	0.11	0.09	0.06	-0.06	-0.40	-0.57	-0.66	-0.83	-0.51	-0.21	-0.37	-0.26	-0.36	-0.38	-0.53
	-6.93	-7.82	-4.98	-7.37	-7.35	-6.71	-7.79	-8.62	-1.57	-0.99	-0.70	0.00	0.00	0.43	-3.45	-1.51	13.69	2.59	-0.30	-0.62	-0.66	4.43	0.20	3.55
ORANGEVILLE_WT_PWR 323706	-13.35	-13.44	-15.47	-14.89	-14.98	-14.20	-12.07	-8.59	33.71	38.29	31.35	32.39	34.72	34.52	22.22	38.79	46.82	47.23	25.96	28.69	31.50	24.62	33.54	34.13
	-2.05	-2.36	-2.20	-2.16	-2.17	-2.36	-2.37	-2.16	-2.22	-2.34	-1.97	-1.78	-2.25	-2.71	-3.29	-3.39	-5.08	-3.62	-1.92	-2.57	-2.53	-2.56	-2.33	-2.50
	47.46	46.88	45.32	44.46	44.54	46.36	47.00	47.55	4.93	1.07	2.83	0.00	0.00	2.21	21.22	9.27	23.61	3.56	1.86	3.80	4.58	10.37	0.27	4.88
ORANGEVILLE___ESR 323794	-13.35	-13.44	-15.47	-14.89	-14.98	-14.20	-12.07	-8.59	33.71	38.29	31.35	32.39	34.72	34.52	22.22	38.79	46.82	47.23	25.96	28.69	31.50	24.62	33.54	34.13
	-2.05	-2.36	-2.20	-2.16	-2.17	-2.36	-2.37	-2.16	-2.22	-2.34	-1.97	-1.78	-2.25	-2.71	-3.29	-3.39	-5.08	-3.62	-1.92	-2.57	-2.53	-2.56	-2.33	-2.50
	47.46	46.88	45.32	44.46	44.54	46.36	47.00	47.55	4.93	1.07	2.83	0.00	0.00	2.21	21.22	9.27	23.61	3.56	1.86	3.80	4.58	10.37	0.27	4.88

OSWEGATCHIE___HYD 24044	18.06 -1.68 16.42	0.41 -1.79 33.61	-1.30 -1.65 31.69	-1.45 -1.67 31.50	-1.43 -1.62 31.53	2.98 -1.75 29.79	-0.68 -1.92 36.05	0.96 -2.11 38.06	7.51 -2.08 31.27	1.18 -2.28 38.25	1.69 -2.43 32.04	-2.28 -2.45 33.99	-1.20 -2.79 35.38	-0.06 -2.88 36.62	2.84 -3.43 40.46	6.75 -3.81 40.90	17.91 -5.05 52.54	7.10 -3.09 44.21	-3.79 -1.59 31.94	7.49 -1.57 25.99	26.79 -1.53 10.29	24.43 -1.54 11.58	34.97 -1.17 0.00	40.62 -0.89 0.00
OSWEGO___5 23606	35.47 -0.69 0.00	35.01 -0.79 0.00	31.35 -0.70 0.00	31.06 -0.67 0.00	31.05 -0.68 0.00	33.79 -0.73 0.00	36.76 -0.83 -0.30	48.19 -0.92 -7.98	48.20 -0.94 -8.29	49.61 -0.99 -8.90	37.89 -0.87 -2.60	33.33 -0.83 0.00	36.00 -0.97 0.00	38.29 -1.15 0.00	45.33 -1.40 0.00	49.91 -1.55 0.00	73.24 -2.27 0.00	52.81 -1.59 0.00	28.93 -0.81 0.00	34.04 -1.01 0.00	37.52 -1.09 0.00	36.48 -1.07 0.00	35.14 -1.00 0.00	40.53 -0.98 0.00
OSWEGO___6 23613	35.47 -0.69 0.00	35.01 -0.79 0.00	31.35 -0.70 0.00	31.06 -0.67 0.00	31.05 -0.68 0.00	33.79 -0.73 0.00	36.76 -0.83 -0.30	48.19 -0.92 -7.98	48.20 -0.94 -8.29	49.61 -0.99 -8.90	37.89 -0.87 -2.60	33.33 -0.83 0.00	36.00 -0.97 0.00	38.29 -1.15 0.00	45.33 -1.40 0.00	49.91 -1.55 0.00	73.24 -2.27 0.00	52.81 -1.59 0.00	28.93 -0.81 0.00	34.04 -1.01 0.00	37.52 -1.09 0.00	36.48 -1.07 0.00	35.14 -1.00 0.00	40.53 -0.98 0.00
OUTOKUMPU-AB___DRP 24206	18.48 -1.22 16.47	18.32 -1.66 15.83	13.88 -1.64 16.54	15.21 -1.52 15.00	15.13 -1.56 15.03	16.75 -1.68 16.09	19.66 -1.87 15.77	23.33 -1.75 16.04	36.95 -2.15 1.77	38.92 -2.31 0.47	33.15 -2.02 0.99	32.34 -1.83 0.00	34.51 -2.47 0.00	35.65 -2.65 1.13	36.41 -3.16 7.16	44.97 -3.34 3.14	53.90 -5.02 16.58	47.99 -3.65 2.77	27.03 -2.09 0.63	30.98 -2.79 1.30	34.33 -2.68 1.60	28.34 -2.68 6.52	33.54 -2.39 0.21	35.73 -2.38 3.40
OXBOW___BTM 323836	19.39 -1.99 14.78	19.25 -2.40 14.15	14.83 -2.29 14.94	16.15 -2.17 13.42	16.12 -2.16 13.44	17.72 -2.36 14.44	20.41 -2.63 14.25	23.92 -2.71 14.49	35.95 -3.36 1.55	37.79 -3.50 0.41	32.31 -2.96 0.88	31.40 -2.74 0.02	33.63 -3.33 0.01	34.77 -3.62 1.05	36.05 -4.39 6.29	44.02 -4.68 2.75	52.69 -6.84 15.97	46.62 -5.13 2.66	26.39 -2.80 0.55	30.24 -3.66 1.15	33.55 -3.65 1.41	27.65 -3.74 6.16	32.63 -3.31 0.20	35.05 -3.23 3.23
OXBOW___ 24026	19.31 -2.07 14.78	19.17 -2.48 14.15	14.79 -2.32 14.94	16.10 -2.21 13.42	16.07 -2.21 13.44	17.66 -2.42 14.44	20.33 -2.72 14.25	23.81 -2.82 14.49	35.94 -3.36 1.55	37.78 -3.51 0.41	32.26 -3.02 0.88	31.34 -2.81 0.02	33.54 -3.42 0.01	34.70 -3.69 1.05	36.02 -4.42 6.29	44.00 -4.70 2.75	52.69 -6.83 15.97	46.63 -5.12 2.66	26.27 -2.93 0.55	30.17 -3.74 1.15	33.52 -3.68 1.41	27.67 -3.71 6.16	32.65 -3.29 0.20	35.06 -3.22 3.23
OXY_CHEM_DSASP 323612	19.01 -2.37 14.78	18.87 -2.78 14.15	14.54 -2.57 14.94	15.85 -2.46 13.42	15.83 -2.46 13.44	17.39 -2.69 14.44	20.01 -3.04 14.25	23.46 -3.17 14.49	35.59 -3.72 1.55	37.41 -3.88 0.41	31.94 -3.34 0.88	31.04 -3.11 0.02	33.23 -3.73 0.01	34.36 -4.03 1.05	35.62 -4.82 6.29	43.58 -5.13 2.75	52.05 -7.48 15.97	46.16 -5.59 2.66	26.00 -3.19 0.55	29.87 -4.03 1.15	33.19 -4.01 1.41	27.35 -4.03 6.16	32.35 -3.59 0.20	34.73 -3.55 3.23
OZONE_PARK_ESR 323760	40.02 3.65 -0.21	39.27 3.46 0.00	35.70 3.08 -0.57	34.64 2.91 0.00	34.65 2.92 0.00	37.95 3.22 -0.21	41.07 3.77 0.00	45.52 4.40 0.00	45.49 4.63 0.00	46.75 5.04 0.00	70.21 4.63 -29.42	59.88 4.64 -21.07	58.51 5.00 -16.54	69.75 5.13 -25.18	94.78 6.29 -41.76	83.37 6.82 -25.09	147.29 10.16 -61.62	113.91 6.95 -52.55	75.58 3.23 -42.60	62.27 3.70 -23.51	52.92 4.15 -10.17	43.09 4.16 -1.38	39.99 3.80 -0.05	45.15 3.64 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	19.01 -2.37 14.78	18.87 -2.78 14.15	14.54 -2.57 14.94	15.85 -2.46 13.42	15.83 -2.46 13.44	17.39 -2.69 14.44	20.01 -3.04 14.25	23.46 -3.17 14.49	35.59 -3.72 1.55	37.41 -3.88 0.41	31.94 -3.34 0.88	31.04 -3.11 0.02	33.23 -3.73 0.01	34.36 -4.03 1.05	35.62 -4.82 6.29	43.58 -5.13 2.75	52.05 -7.48 15.97	46.16 -5.59 2.66	26.00 -3.19 0.55	29.87 -4.03 1.15	33.19 -4.01 1.41	27.35 -4.03 6.16	32.35 -3.59 0.20	34.73 -3.55 3.23
PACKARD___115KV_DUPONT_184 80571	19.09 -2.29 14.78	18.96 -2.69 14.15	14.57 -2.54 14.94	15.90 -2.41 13.42	15.87 -2.41 13.44	17.44 -2.64 14.44	20.09 -2.95 14.25	23.57 -3.06 14.49	35.60 -3.70 1.55	37.43 -3.86 0.41	31.99 -3.28 0.88	31.10 -3.04 0.02	33.32 -3.65 0.01	34.43 -3.96 1.05	35.66 -4.78 6.29	43.59 -5.12 2.75	52.03 -7.50 15.97	46.16 -5.59 2.66	26.13 -3.06 0.55	29.95 -3.96 1.15	33.22 -3.98 1.41	27.32 -4.06 6.16	32.33 -3.61 0.20	34.72 -3.57 3.23
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	39.61 3.24 -0.21	38.83 3.03 0.00	35.34 2.72 -0.57	34.30 2.58 0.00	34.31 2.59 0.00	37.60 2.87 -0.21	40.65 3.36 0.00	45.01 3.89 0.00	44.98 4.12 0.00	46.18 4.48 0.00	68.65 4.10 -28.39	58.99 4.10 -20.72	57.56 4.48 -16.11	68.90 4.50 -24.96	93.98 5.51 -41.74	69.42 6.36 -11.61	109.61 9.43 -24.68	97.46 6.45 -36.60	75.24 2.78 -42.72	61.74 3.18 -23.51	52.45 3.67 -10.17	42.65 3.72 -1.38	39.56 3.36 -0.05	44.53 3.02 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	40.47 4.10 -0.21	39.70 3.90 0.00	36.12 3.50 -0.57	35.08 3.35 0.00	35.10 3.37 0.00	38.45 3.72 -0.21	41.58 4.29 0.00	46.03 4.91 0.00	45.99 5.12 0.00	47.20 5.50 0.00	69.52 4.97 -28.39	59.85 4.96 -20.72	58.51 5.42 -16.11	69.85 5.45 -24.96	95.08 6.61 -41.74	70.66 7.59 -11.61	111.38 11.20 -24.68	98.73 7.73 -36.60	75.87 3.41 -42.72	62.42 3.86 -23.51	53.19 4.41 -10.17	43.40 4.47 -1.38	40.32 4.13 -0.05	45.40 3.88 0.00
PATROON___115KV_TB1 80586	37.41 1.25 0.00	37.16 1.35 0.00	33.31 1.26 0.00	32.96 1.23 0.00	32.94 1.21 0.00	35.84 1.31 0.00	38.73 1.44 0.00	42.59 1.46 0.00	42.16 1.30 0.00	43.13 1.43 0.00	37.48 1.33 0.00	35.47 1.30 0.00	38.34 1.36 0.00	40.72 1.29 0.00	48.31 1.58 0.00	53.13 1.68 0.00	78.07 2.57 0.00	58.86 1.72 -2.73	31.17 0.87 -0.56	36.08 1.02 0.00	39.77 1.16 0.00	38.69 1.15 0.00	37.24 1.10 0.00	42.65 1.14 0.00
PATTRSNVILLE___SOLAR 323815	37.60 1.44 0.00	37.21 1.41 0.00	33.35 1.31 0.00	33.05 1.32 0.00	33.03 1.31 0.00	35.95 1.42 0.00	38.78 1.49 0.00	42.71 1.59 0.00	42.51 1.65 0.00	43.31 1.61 0.00	37.41 1.26 0.00	35.24 1.08 0.00	38.14 1.17 0.00	40.62 1.18 0.00	48.11 1.38 0.00	52.83 1.37 0.00	77.83 2.32 0.00	56.16 1.76 0.00	30.79 1.05 0.00	36.39 1.33 0.00	40.14 1.53 0.00	39.03 1.49 0.00	37.53 1.39 0.00	42.94 1.43 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	17.03 -1.61 17.53	16.89 -2.08 16.83	12.47 -1.95 17.63	13.93 -1.84 15.95	13.90 -1.85 15.98	15.42 -1.99 17.12	18.35 -2.14 16.80	21.94 -2.07 17.11	36.63 -2.33 1.90	38.65 -2.54 0.51	32.87 -2.22 1.06	32.12 -2.05 0.00	34.45 -2.52 0.00	35.40 -2.81 1.22	35.71 -3.32 7.69	44.54 -3.55 3.37	52.09 -5.47 17.94	47.39 -4.01 3.00	26.81 -2.26 0.67	30.74 -2.93 1.39	33.95 -2.94 1.71	27.54 -2.94 7.07	33.21 -2.70 0.23	35.06 -2.81 3.64

PAWLING_115_KV_BK3_REV_LBMP_H 345028	39.51 3.15 -0.20	38.77 2.97 0.00	35.24 2.63 -0.56	34.23 2.51 0.00	34.23 2.51 0.00	37.52 2.79 -0.20	40.56 3.27 0.00	44.94 3.81 0.00	44.87 4.00 0.00	46.03 4.33 0.00	41.19 4.02 -1.02	45.31 4.08 -7.06	44.33 4.44 -2.91	55.54 4.55 -11.55	76.73 5.59 -24.41	66.43 6.11 -8.86	107.12 9.34 -22.27	85.30 6.31 -24.58	59.03 3.05 -26.24	53.48 3.43 -15.00	48.85 3.75 -6.49	42.56 3.66 -1.35	39.51 3.32 -0.05	44.71 3.20 0.00
PEEKSKILL____ 23653	39.22 2.85 -0.21	38.49 2.68 0.00	35.02 2.39 -0.58	33.99 2.26 0.00	34.00 2.28 0.00	37.27 2.54 -0.21	40.28 2.99 0.00	44.59 3.46 0.00	44.51 3.65 0.00	45.66 3.96 0.00	36.28 3.68 3.56	49.96 3.74 -12.06	44.47 4.04 -3.45	65.31 4.12 -21.75	100.53 5.10 -48.70	74.65 5.51 -17.68	124.49 8.29 -40.70	106.68 5.64 -46.63	77.60 2.64 -45.21	63.88 3.01 -25.81	53.12 3.35 -11.16	42.26 3.31 -1.40	39.21 3.01 -0.05	44.39 2.88 0.00
PGE MADISON__WINDPWR 24146	40.93 1.96 -2.80	40.11 1.82 -2.48	36.97 1.68 -3.24	35.96 1.89 -2.34	36.11 2.05 -2.34	39.69 2.43 -2.73	42.37 2.58 -2.49	46.84 2.46 -3.25	44.19 2.30 -1.04	44.53 1.93 -0.89	38.43 1.89 -0.39	35.81 1.65 0.00	38.44 1.46 0.00	41.54 1.73 -0.38	49.74 1.93 -1.09	54.11 2.18 -0.47	86.15 3.51 -7.13	53.81 3.22 3.81	20.56 1.85 11.04	31.17 2.04 5.91	38.96 2.73 2.37	42.36 2.23 -2.59	38.08 1.85 -0.09	44.14 1.38 -1.25
PIERCEFIELD____HYD 23852	25.95 -1.66 8.55	16.76 -1.55 17.50	14.06 -1.49 16.50	13.82 -1.50 16.41	13.87 -1.44 16.42	17.20 -1.66 15.66	14.66 -2.06 20.57	16.79 -2.35 21.98	20.51 -2.23 18.12	17.16 -2.43 22.12	15.34 -2.45 18.36	12.28 -2.50 19.39	14.07 -2.73 20.18	15.94 -2.61 20.88	20.52 -3.13 23.07	24.77 -3.36 23.33	40.61 -4.93 29.97	26.12 -3.06 25.22	9.96 -1.57 18.22	18.78 -1.50 14.77	31.96 -1.29 5.35	30.23 -1.29 6.03	34.90 -1.24 0.00	40.38 -1.13 0.00
PINELAWN_CC_I 323563	46.24 3.94 -6.13	39.48 3.67 0.00	35.81 3.19 -0.57	34.73 3.00 0.00	34.83 3.11 0.00	38.25 3.51 -0.21	41.39 4.10 0.00	45.81 4.69 0.00	45.76 4.83 -0.06	47.40 5.04 -0.66	89.04 4.67 -48.22	71.48 4.59 -32.73	109.87 4.99 -67.90	129.07 5.14 -84.50	260.64 6.26 -207.65	442.25 6.79 -384.00	464.34 10.33 -378.51	413.31 6.95 -351.95	383.41 3.51 -350.16	132.06 4.07 -92.93	117.73 4.57 -74.56	117.41 4.48 -75.39	375.97 4.01 -335.83	45.19 3.67 0.00
PJM_GEN_HTP_PROXY 323702	39.87 3.23 -0.48	38.96 3.05 -0.10	35.35 2.73 -0.57	34.30 2.58 0.00	34.31 2.59 0.00	37.59 2.85 -0.21	40.67 3.37 0.00	45.05 3.93 0.00	45.03 4.17 0.00	46.27 4.56 0.00	71.37 4.23 -30.99	60.00 4.23 -21.60	58.73 4.56 -17.20	69.61 4.66 -25.52	94.25 5.72 -41.80	81.32 6.15 -23.72	142.64 9.14 -58.00	111.54 6.18 -50.95	81.20 2.82 -48.64	61.81 3.23 -23.52	52.41 3.63 -10.17	42.59 3.66 -1.38	39.54 3.34 -0.05	43.93 3.15 0.73
PJM_GEN_KEystone 24065	32.61 0.70 4.25	32.06 0.39 4.14	27.61 0.33 4.77	28.04 0.31 4.00	28.07 0.35 4.00	30.56 0.45 4.41	33.72 0.65 4.23	37.74 0.93 4.31	41.33 0.94 0.48	42.63 1.05 0.13	37.53 1.06 -0.31	44.35 1.20 -8.98	41.72 1.22 -3.53	55.06 1.11 -14.51	78.63 1.45 -30.46	63.87 1.50 -10.91	95.13 2.16 -17.47	83.69 1.33 -27.96	63.33 0.49 -33.10	50.62 0.41 -15.16	46.00 0.52 -6.87	35.36 0.42 2.61	36.42 0.37 0.09	36.01 -0.16 5.34
PJM_GEN_NEPTUNE_PROXY 323594	45.99 3.42 -6.40	39.09 3.19 -0.10	35.39 2.77 -0.57	34.33 2.60 0.00	34.42 2.69 0.00	37.76 3.03 -0.21	40.85 3.55 0.00	45.19 4.06 0.00	45.18 4.25 -0.06	46.86 4.50 -0.66	76.01 4.16 -35.70	57.67 4.20 -19.31	76.80 4.57 -35.26	94.20 4.65 -50.12	236.79 5.66 -184.40	435.90 6.04 -378.40	456.71 9.04 -372.16	406.37 6.10 -345.87	378.27 2.99 -345.54	92.55 3.48 -54.01	92.81 3.90 -50.31	92.46 3.90 -51.02	365.65 3.52 -326.00	43.92 3.14 0.73
PJM_GEN_VFT_PROXY 323633	39.78 3.13 -0.48	38.84 2.94 -0.10	35.25 2.63 -0.57	34.20 2.47 0.00	34.21 2.48 0.00	37.48 2.74 -0.21	40.54 3.25 0.00	44.91 3.78 0.00	44.88 4.02 0.00	46.10 4.39 0.00	69.58 4.01 -29.42	59.29 4.06 -21.07	57.89 4.37 -16.54	69.08 4.47 -25.18	93.98 5.49 -41.77	82.40 5.85 -25.09	145.78 8.65 -61.62	112.85 5.90 -52.55	81.06 2.65 -48.67	61.63 3.06 -23.51	52.26 3.48 -10.17	42.44 3.52 -1.38	39.37 3.17 -0.05	43.74 2.96 0.73
PLATSBURG_115KV_PMLD1 355749	33.30 -0.62 2.25	30.75 -0.45 4.60	27.18 -0.53 4.34	26.87 -0.55 4.31	26.99 -0.42 4.32	30.32 -0.25 3.96	33.71 -0.17 3.42	37.26 -0.22 3.65	37.79 -0.06 3.01	47.73 -0.09 -6.11	32.63 -0.48 3.05	30.18 -0.77 3.22	32.91 -0.71 3.35	35.68 -0.28 3.47	42.62 -0.28 3.83	47.37 -0.22 3.87	70.03 -0.50 4.97	50.03 -0.19 4.19	26.67 -0.05 3.02	33.05 0.50 2.51	38.01 0.81 1.41	36.70 0.74 1.59	36.59 0.45 0.00	41.97 0.45 0.00
PLEASANTVLY____LBMP 24000	38.81 2.45 -0.19	38.13 2.32 0.00	34.66 2.08 -0.53	33.72 1.99 0.00	33.72 2.00 0.00	36.94 2.22 -0.19	39.91 2.61 0.00	44.16 3.04 0.00	44.05 3.19 0.00	45.15 3.45 0.00	39.63 3.20 -0.27	41.67 3.25 -4.25	42.18 3.54 -1.67	50.23 3.59 -7.21	66.44 4.45 -15.27	61.83 4.83 -5.54	97.98 7.27 -15.20	77.52 4.89 -18.23	55.30 2.33 -23.22	50.86 2.64 -13.17	47.22 2.90 -5.71	41.71 2.88 -1.29	38.81 2.63 -0.05	44.03 2.52 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	39.45 3.08 -0.21	38.73 2.92 0.00	35.21 2.59 -0.57	34.19 2.46 0.00	34.20 2.47 0.00	37.48 2.75 -0.21	40.52 3.23 0.00	44.87 3.74 0.00	44.80 3.94 0.00	45.99 4.28 0.00	58.09 3.97 -17.97	54.01 4.01 -15.83	52.52 4.34 -11.21	64.32 4.45 -20.43	88.60 5.47 -36.40	70.60 5.92 -13.21	115.75 8.89 -31.36	96.88 6.03 -36.44	70.99 2.83 -38.41	60.19 3.22 -21.91	51.66 3.57 -9.48	42.45 3.53 -1.38	39.43 3.23 -0.05	44.61 3.09 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	39.45 3.08 -0.21	38.73 2.92 0.00	35.21 2.59 -0.57	34.19 2.46 0.00	34.20 2.47 0.00	37.48 2.75 -0.21	40.52 3.23 0.00	44.87 3.74 0.00	44.80 3.94 0.00	45.99 4.28 0.00	58.09 3.97 -17.97	54.01 4.01 -15.83	52.52 4.34 -11.21	64.32 4.45 -20.43	88.60 5.47 -36.40	70.60 5.92 -13.21	115.75 8.89 -31.36	96.88 6.03 -36.44	70.99 2.83 -38.41	60.19 3.22 -21.91	51.66 3.57 -9.48	42.45 3.53 -1.38	39.43 3.23 -0.05	44.61 3.09 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	39.12 2.75 -0.20	38.41 2.60 0.00	34.91 2.32 -0.54	33.95 2.22 0.00	33.95 2.22 0.00	37.19 2.47 -0.20	40.17 2.87 0.00	44.47 3.35 0.00	44.39 3.53 0.00	45.48 3.78 0.00	40.00 3.49 -0.35	43.24 3.57 -5.51	42.93 3.86 -2.10	52.23 3.89 -8.91	70.50 4.82 -18.96	63.67 5.33 -6.88	101.59 8.05 -18.04	79.13 5.38 -19.35	51.35 2.65 -18.96	48.81 2.99 -10.77	46.56 3.28 -4.67	42.06 3.21 -1.31	39.11 2.92 -0.05	44.34 2.83 0.00
POLETTI____ 23519	39.57 3.20 -0.21	38.85 3.04 0.00	35.35 2.73 -0.57	34.32 2.59 0.00	34.33 2.61 0.00	37.59 2.86 -0.21	40.65 3.35 0.00	45.01 3.88 0.00	44.96 4.10 0.00	46.20 4.49 0.00	69.06 4.15 -28.75	59.18 4.17 -20.85	57.72 4.48 -16.26	69.04 4.56 -25.04	94.05 5.58 -41.75	48.86 6.00 8.60	57.18 8.91 27.23	73.31 6.04 -12.86	75.20 2.78 -42.68	61.76 3.19 -23.51	52.36 3.59 -10.17	42.55 3.62 -1.38	39.50 3.31 -0.05	44.62 3.11 0.00

POMONA___ESR 323819	39.24 2.86 -0.22	38.51 2.70 0.00	35.05 2.41 -0.60	34.00 2.27 0.00	34.00 2.27 0.00	37.29 2.55 -0.22	40.30 3.01 0.00	44.59 3.46 0.00	44.50 3.64 0.00	45.67 3.96 0.00	37.78 3.71 2.08	58.09 3.79 -20.14	47.98 4.09 -6.91	78.49 4.19 -34.86	128.63 5.22 -76.68	84.94 5.65 -27.83	145.89 8.49 -61.89	130.47 5.77 -70.30	95.28 2.70 -62.84	74.05 3.07 -35.93	57.55 3.41 -15.53	42.35 3.36 -1.44	39.24 3.05 -0.06	44.45 2.94 0.00
PORT_JEFF_3 23555	46.26 3.97 -6.13	39.57 3.76 0.00	35.87 3.25 -0.57	34.78 3.05 0.00	34.96 3.23 0.00	38.38 3.65 -0.21	41.50 4.20 0.00	45.88 4.75 0.00	45.82 4.89 -0.06	47.38 5.02 -0.66	80.41 4.69 -39.57	62.10 4.47 -23.46	87.14 4.81 -45.36	105.06 4.87 -60.76	244.00 5.68 -191.60	437.62 6.03 -380.13	458.59 8.96 -374.13	408.10 5.94 -347.75	375.47 3.06 -342.67	104.79 3.68 -66.05	100.78 4.36 -57.81	100.22 4.12 -58.56	368.84 3.66 -329.04	44.95 3.44 0.00
PORT_JEFF_4 23616	46.26 3.97 -6.13	39.57 3.76 0.00	35.87 3.25 -0.57	34.78 3.05 0.00	34.96 3.23 0.00	38.38 3.65 -0.21	41.50 4.20 0.00	45.88 4.75 0.00	45.82 4.89 -0.06	47.38 5.02 -0.66	80.41 4.69 -39.57	62.10 4.47 -23.46	87.14 4.81 -45.36	105.06 4.87 -60.76	244.00 5.68 -191.60	437.62 6.03 -380.13	458.59 8.96 -374.13	408.10 5.94 -347.75	375.47 3.06 -342.67	104.79 3.68 -66.05	100.78 4.36 -57.81	100.22 4.12 -58.56	368.84 3.66 -329.04	44.95 3.44 0.00
PORT_JEFF_IC 23713	46.33 4.04 -6.13	39.64 3.83 0.00	35.93 3.30 -0.57	34.83 3.10 0.00	35.01 3.29 0.00	38.45 3.71 -0.21	41.56 4.26 0.00	45.96 4.83 0.00	45.89 4.97 -0.06	47.48 5.12 -0.66	80.77 4.79 -39.83	62.47 4.57 -23.73	87.91 4.92 -46.02	105.86 4.97 -61.45	244.52 5.73 -192.07	437.81 6.11 -380.24	458.80 9.04 -374.25	408.26 5.98 -347.88	375.70 3.07 -342.89	105.61 3.71 -66.84	101.34 4.43 -58.30	100.77 4.17 -59.05	369.13 3.75 -329.24	45.04 3.53 0.00
PPL PILGRIM_ST_GT1 24216	46.43 4.14 -6.13	39.69 3.88 0.00	35.99 3.37 -0.57	34.90 3.17 0.00	35.04 3.31 0.00	38.46 3.72 -0.21	41.63 4.33 0.00	46.03 4.90 0.00	45.97 5.05 -0.06	47.56 5.20 -0.66	81.91 4.82 -40.94	63.79 4.70 -24.93	90.90 5.00 -48.93	109.01 5.05 -64.52	246.94 6.08 -194.14	438.76 6.56 -380.75	460.20 9.87 -374.82	409.41 6.59 -348.42	376.95 3.35 -343.86	109.29 3.92 -70.31	103.55 4.49 -60.46	103.17 4.40 -61.22	370.19 3.94 -330.11	45.12 3.61 0.00
PPL PILGRIM_ST_GT2 24217	46.43 4.14 -6.13	39.69 3.88 0.00	35.99 3.37 -0.57	34.90 3.17 0.00	35.04 3.31 0.00	38.46 3.72 -0.21	41.63 4.33 0.00	46.03 4.90 0.00	45.97 5.05 -0.06	47.56 5.20 -0.66	81.91 4.82 -40.94	63.79 4.70 -24.93	90.90 5.00 -48.93	109.01 5.05 -64.52	246.94 6.08 -194.14	438.76 6.56 -380.75	460.20 9.87 -374.82	409.41 6.59 -348.42	376.95 3.35 -343.86	109.29 3.92 -70.31	103.55 4.49 -60.46	103.17 4.40 -61.22	370.19 3.94 -330.11	45.12 3.61 0.00
PPL_SHRM_GT3 24213	46.26 3.96 -6.13	39.66 3.85 0.00	35.96 3.33 -0.57	34.87 3.14 0.00	35.17 3.45 0.00	38.61 3.88 -0.21	41.63 4.33 0.00	46.02 4.89 0.00	45.96 5.04 -0.06	47.36 5.00 -0.66	80.61 4.77 -39.69	61.93 4.17 -23.59	87.13 4.49 -45.67	105.17 4.64 -61.09	244.17 5.63 -191.82	437.61 5.96 -380.19	458.67 8.98 -374.19	408.25 6.04 -347.81	375.61 3.09 -342.77	105.24 3.76 -66.43	101.36 4.71 -58.05	100.80 4.46 -58.80	369.20 3.93 -329.13	45.18 3.67 0.00
PPL_SHRM_GT4 24214	46.26 3.96 -6.13	39.66 3.85 0.00	35.96 3.33 -0.57	34.87 3.14 0.00	35.17 3.45 0.00	38.61 3.88 -0.21	41.63 4.33 0.00	46.02 4.89 0.00	45.96 5.04 -0.06	47.36 5.00 -0.66	80.61 4.77 -39.69	61.93 4.17 -23.59	87.13 4.49 -45.67	105.17 4.64 -61.09	244.17 5.63 -191.82	437.61 5.96 -380.19	458.67 8.98 -374.19	408.25 6.04 -347.81	375.61 3.09 -342.77	105.24 3.76 -66.43	101.36 4.71 -58.05	100.80 4.46 -58.80	369.20 3.93 -329.13	45.18 3.67 0.00
PROJECT___ORANGE 1 24174	35.80 -0.15 0.21	35.50 -0.31 0.00	31.19 -0.27 0.58	31.48 -0.25 0.00	31.47 -0.26 0.00	34.06 -0.25 0.21	37.05 -0.28 -0.04	41.89 -0.27 -1.04	41.63 -0.30 -1.08	42.50 -0.36 -1.15	36.18 -0.32 -0.34	33.84 -0.33 0.00	36.56 -0.42 0.00	38.65 -0.61 0.18	45.93 -0.79 0.00	50.56 -0.89 0.00	70.19 -1.27 4.04	52.81 -0.86 0.73	29.32 -0.43 0.00	34.49 -0.56 0.00	38.00 -0.58 0.02	35.53 -0.61 1.41	35.52 -0.56 0.05	40.98 -0.53 0.00
PROJECT___ORANGE 2 24166	35.80 -0.15 0.21	35.50 -0.31 0.00	31.19 -0.27 0.58	31.48 -0.25 0.00	31.47 -0.26 0.00	34.06 -0.25 0.21	37.05 -0.28 -0.04	41.89 -0.27 -1.04	41.63 -0.30 -1.08	42.50 -0.36 -1.15	36.18 -0.32 -0.34	33.84 -0.33 0.00	36.56 -0.42 0.00	38.65 -0.61 0.18	45.93 -0.79 0.00	50.56 -0.89 0.00	70.19 -1.27 4.04	52.81 -0.86 0.73	29.32 -0.43 0.00	34.49 -0.56 0.00	38.00 -0.58 0.02	35.53 -0.61 1.41	35.52 -0.56 0.05	40.98 -0.53 0.00
PUCKETT___SOLAR 323809	38.26 0.67 -1.42	36.25 0.45 0.00	36.38 0.42 -3.91	32.22 0.49 0.00	32.35 0.63 0.00	36.66 0.72 -1.42	38.10 0.78 -0.03	42.75 0.94 -0.69	42.44 0.86 -0.72	43.34 0.87 -0.77	37.15 0.77 -0.23	34.96 0.80 0.00	37.69 0.72 0.00	41.31 0.66 -1.22	47.55 0.83 0.00	52.45 1.00 0.00	104.07 1.45 -27.12	55.77 0.99 -0.38	20.32 0.60 10.03	30.20 0.65 5.51	37.21 0.83 2.23	47.58 0.58 -9.46	37.03 0.52 -0.37	47.04 0.29 -5.23
PYRITES___HYD 24023	27.38 -0.87 7.91	18.85 -0.76 16.19	15.99 -0.80 15.27	15.73 -0.82 15.18	15.81 -0.73 15.19	19.22 -0.83 14.48	17.27 -1.06 18.96	19.58 -1.28 20.26	22.92 -1.24 16.70	19.83 -1.49 20.39	17.45 -1.78 16.92	14.30 -2.00 17.87	16.19 -2.18 18.60	18.19 -2.00 19.25	23.07 -2.40 21.27	27.42 -2.54 21.50	44.05 -3.84 27.62	28.96 -2.20 23.24	11.90 -1.05 16.79	20.81 -0.63 13.62	33.37 -0.28 4.95	31.67 -0.30 5.58	35.78 -0.36 0.00	41.25 -0.27 0.00
QUAKERRD_115KV_BK1 80622	34.50 -1.18 0.48	34.37 -1.43 0.00	29.37 -1.35 1.33	30.43 -1.30 0.00	30.42 -1.31 0.00	32.65 -1.39 0.48	35.75 -1.54 0.00	39.46 -1.66 0.00	39.05 -1.82 0.00	39.81 -1.90 0.00	34.49 -1.67 0.00	32.58 -1.58 0.00	35.03 -1.95 0.00	36.83 -2.19 0.42	44.03 -2.70 0.00	48.63 -2.82 0.00	62.19 -4.06 9.26	49.85 -2.89 1.67	28.16 -1.58 0.00	33.08 -1.98 0.00	36.58 -1.98 0.05	32.31 -2.01 3.23	34.11 -1.90 0.13	37.57 -2.00 1.95
QUENSBRY_115KV_TB8 356137	39.05 2.89 0.00	38.68 2.88 0.00	34.62 2.57 0.00	34.22 2.49 0.00	34.23 2.50 0.00	37.50 2.98 0.00	40.75 3.45 0.00	44.95 3.83 0.00	44.50 3.63 0.00	45.78 4.07 0.00	39.36 3.20 0.00	37.10 2.93 0.00	40.10 3.12 0.00	42.35 2.91 0.00	50.20 3.47 0.00	55.43 3.97 0.00	81.59 6.08 0.00	61.43 4.57 -2.46	32.87 2.63 -0.50	38.05 2.99 0.00	41.95 3.35 0.00	40.87 3.32 0.00	39.13 3.00 0.00	44.69 3.18 0.00
RAMAPO___LBMP 323565	39.08 2.69 -0.22	38.34 2.53 0.00	34.90 2.25 -0.60	33.84 2.11 0.00	33.85 2.13 0.00	37.13 2.39 -0.22	40.13 2.84 0.00	44.40 3.28 0.00	44.30 3.44 0.00	45.44 3.74 0.00	37.59 3.48 2.05	55.14 3.58 -17.41	46.72 3.84 -5.90	73.62 3.95 -30.25	118.21 4.90 -66.58	80.90 5.28 -24.17	137.79 7.96 -54.32	121.53 5.43 -61.69	88.55 2.54 -56.27	70.11 2.89 -32.16	55.71 3.21 -13.90	42.15 3.15 -1.46	39.06 2.86 -0.06	44.25 2.74 0.00



RANKINE_____	15.37	15.20	10.98	12.33	12.27	13.78	16.63	20.21	36.44	38.67	32.85	32.23	34.51	35.40	34.92	44.25	52.25	47.58	26.80	30.63	33.89	27.55	33.35	35.21
23646	-1.70	-2.17	-2.03	-1.93	-1.96	-2.09	-2.25	-2.14	-2.33	-2.48	-2.14	-1.94	-2.46	-2.77	-3.33	-3.49	-5.42	-3.87	-2.20	-2.90	-2.84	-2.87	-2.57	-2.65
	19.10	18.43	19.04	17.47	17.50	18.65	18.42	18.77	2.09	0.56	1.17	0.00	0.00	1.26	8.47	3.71	17.83	2.96	0.74	1.52	1.88	7.12	0.22	3.65
RAVENSWOOD_GT2_1	39.57	38.85	35.35	34.32	34.33	37.59	40.65	45.01	44.96	46.20	68.73	59.06	57.58	68.96	94.05	60.20	87.08	102.93	75.24	61.77	52.37	42.56	39.49	44.62
24244	3.20	3.04	2.73	2.59	2.61	2.86	3.36	3.88	4.10	4.49	4.15	4.16	4.48	4.56	5.58	6.02	8.95	6.11	2.78	3.21	3.60	3.63	3.30	3.11
	-0.21	0.00	-0.57	0.00	0.00	-0.21	0.00	0.00	0.00	0.00	-28.43	-20.74	-16.12	-24.97	-41.74	-2.72	-2.63	-42.42	-42.72	-23.51	-10.17	-1.38	-0.05	0.00
RAVENSWOOD_GT2_2	39.57	38.85	35.35	34.32	34.33	37.59	40.65	45.01	44.96	46.20	68.73	59.06	57.58	68.96	94.05	60.20	87.08	102.93	75.24	61.77	52.37	42.56	39.49	44.62
24245	3.20	3.04	2.73	2.59	2.61	2.86	3.36	3.88	4.10	4.49	4.15	4.16	4.48	4.56	5.58	6.02	8.95	6.11	2.78	3.21	3.60	3.63	3.30	3.11
	-0.21	0.00	-0.57	0.00	0.00	-0.21	0.00	0.00	0.00	0.00	-28.43	-20.74	-16.12	-24.97	-41.74	-2.72	-2.63	-42.42	-42.72	-23.51	-10.17	-1.38	-0.05	0.00
RAVENSWOOD_GT2_3	39.60	38.87	35.38	34.34	34.35	37.61	40.66	45.02	44.99	46.23	68.75	59.09	57.60	69.00	94.09	62.32	92.62	89.16	75.27	61.78	52.37	42.56	39.52	44.65
24246	3.23	3.06	2.76	2.61	2.63	2.88	3.37	3.89	4.13	4.52	4.17	4.19	4.51	4.60	5.62	6.07	9.02	6.12	2.81	3.22	3.60	3.64	3.33	3.14
	-0.21	0.00	-0.57	0.00	0.00	-0.21	0.00	0.00	0.00	0.00	-28.42	-20.73	-16.12	-24.97	-41.74	-4.80	-8.10	-28.64	-42.72	-23.51	-10.17	-1.38	-0.05	0.00
RAVENSWOOD_GT2_4	39.60	38.87	35.38	34.34	34.35	37.61	40.66	45.02	44.99	46.23	68.75	59.09	57.60	69.00	94.09	62.32	92.62	89.16	75.27	61.78	52.37	42.56	39.52	44.65
24247	3.23	3.06	2.76	2.61	2.63	2.88	3.37	3.89	4.13	4.52	4.17	4.19	4.51	4.60	5.62	6.07	9.02	6.12	2.81	3.22	3.60	3.64	3.33	3.14
	-0.21	0.00	-0.57	0.00	0.00	-0.21	0.00	0.00	0.00	0.00	-28.42	-20.73	-16.12	-24.97	-41.74	-4.80	-8.10	-28.64	-42.72	-23.51	-10.17	-1.38	-0.05	0.00
RAVENSWOOD_GT3_1	39.59	38.85	35.36	34.32	34.34	37.61	40.66	45.01	44.98	46.20	68.66	59.05	57.56	68.97	94.06	75.54	127.51	104.74	75.24	61.77	52.37	42.56	39.50	44.63
24248	3.21	3.05	2.74	2.59	2.61	2.88	3.36	3.88	4.12	4.50	4.15	4.17	4.49	4.57	5.60	6.06	9.01	6.12	2.78	3.21	3.60	3.63	3.31	3.11
	-0.21	0.00	-0.57	0.00	0.00	-0.21	0.00	0.00	0.00	0.00	-28.36	-20.71	-16.09	-24.96	-41.74	-18.03	-43.00	-44.22	-42.72	-23.51	-10.17	-1.38	-0.05	0.00
RAVENSWOOD_GT3_2	39.59	38.85	35.36	34.32	34.34	37.61	40.66	45.01	44.98	46.20	68.66	59.05	57.56	68.97	94.06	75.54	127.51	104.74	75.24	61.77	52.37	42.56	39.50	44.63
24249	3.21	3.05	2.74	2.59	2.61	2.88	3.36	3.88	4.12	4.50	4.15	4.17	4.49	4.57	5.60	6.06	9.01	6.12	2.78	3.21	3.60	3.63	3.31	3.11
	-0.21	0.00	-0.57	0.00	0.00	-0.21	0.00	0.00	0.00	0.00	-28.36	-20.71	-16.09	-24.96	-41.74	-18.03	-43.00	-44.22	-42.72	-23.51	-10.17	-1.38	-0.05	0.00
RAVENSWOOD_GT3_3	39.66	38.93	35.42	34.38	34.39	37.67	40.74	45.10	45.08	46.31	68.78	59.14	57.66	69.07	94.19	72.80	120.10	101.49	75.32	61.84	52.45	42.64	39.57	44.69
24250	3.29	3.12	2.80	2.65	2.66	2.94	3.44	3.98	4.22	4.61	4.25	4.26	4.59	4.67	5.73	6.19	9.19	6.25	2.86	3.28	3.68	3.71	3.38	3.18
	-0.21	0.00	-0.57	0.00	0.00	-0.21	0.00	0.00	0.00	0.00	-28.37	-20.72	-16.10	-24.96	-41.74	-15.15	-35.41	-40.83	-42.72	-23.51	-10.17	-1.38	-0.05	0.00
RAVENSWOOD_GT3_4	39.66	38.93	35.42	34.38	34.39	37.67	40.74	45.10	45.08	46.31	68.78	59.14	57.66	69.07	94.19	72.80	120.10	101.49	75.32	61.84	52.45	42.64	39.57	44.69
24251	3.29	3.12	2.80	2.65	2.66	2.94	3.44	3.98	4.22	4.61	4.25	4.26	4.59	4.67	5.73	6.19	9.19	6.25	2.86	3.28	3.68	3.71	3.38	3.18
	-0.21	0.00	-0.57	0.00	0.00	-0.21	0.00	0.00	0.00	0.00	-28.37	-20.72	-16.10	-24.96	-41.74	-15.15	-35.41	-40.83	-42.72	-23.51	-10.17	-1.38	-0.05	0.00
RAVENSWOOD_GT_1	39.65	38.90	35.40	34.35	34.36	37.64	40.70	45.10	45.08	46.32	68.80	59.06	57.58	68.94	94.01	66.44	104.96	94.22	75.20	61.70	52.35	42.65	39.59	44.63
23729	3.28	3.10	2.78	2.62	2.63	2.90	3.41	3.97	4.22	4.62	4.26	4.22	4.56	4.56	5.55	6.17	9.18	6.27	2.74	3.15	3.61	3.72	3.39	3.12
	-0.21	0.00	-0.57	0.00	0.00	-0.21	0.00	0.00	0.00	0.00	-28.39	-20.68	-16.04	-24.95	-41.74	-8.82	-20.27	-33.54	-42.72	-23.49	-10.14	-1.38	-0.05	0.00
RAVENSWOOD_GT_10	39.57	38.85	35.35	34.32	34.33	37.59	40.65	45.01	44.96	46.19	68.73	59.06	57.58	68.97	94.05	61.00	89.21	87.61	75.25	61.76	52.36	42.54	39.50	44.63
24258	3.20	3.04	2.73	2.59	2.60	2.86	3.36	3.88	4.10	4.49	4.15	4.16	4.48	4.57	5.59	6.02	8.95	6.07	2.79	3.20	3.59	3.61	3.31	3.12
	-0.21	0.00	-0.57	0.00	0.00	-0.21	0.00	0.00	0.00	0.00	-28.43	-20.74	-16.12	-24.97	-41.74	-3.53	-4.75	-27.14	-42.72	-23.51	-10.17	-1.38	-0.05	0.00
RAVENSWOOD_GT_11	39.57	38.85	35.35	34.32	34.33	37.59	40.65	45.01	44.96	46.19	68.73	59.06	57.58	68.97	94.05	61.00	89.21	87.61	75.25	61.76	52.36	42.54	39.50	44.63
24259	3.20	3.04	2.73	2.59	2.60	2.86	3.36	3.88	4.10	4.49	4.15	4.16	4.48	4.57	5.59	6.02	8.95	6.07	2.79	3.20	3.59	3.61	3.31	3.12
	-0.21	0.00	-0.57	0.00	0.00	-0.21	0.00	0.00	0.00	0.00	-28.43	-20.74	-16.12	-24.97	-41.74	-3.53	-4.75	-27.14	-42.72	-23.51	-10.17	-1.38	-0.05	0.00
RAVENSWOOD_GT_4	39.59	38.87	35.37	34.32	34.34	37.60	40.65	45.02	44.99	46.22	68.72	59.10	57.65	68.96	94.02	69.41	109.66	97.35	75.22	61.75	52.39	42.57	39.52	44.62
24252	3.22	3.06	2.75	2.59	2.61	2.87	3.36	3.89	4.12	4.52	4.17	4.16	4.50	4.55	5.55	6.06	9.02	6.13	2.76	3.18	3.58	3.64	3.33	3.10
	-0.21	0.00	-0.57	0.00	0.00	-0.21	0.00	0.00	0.00	0.00	-28.40	-20.77	-16.18	-24.98	-41.74	-11.89	-25.14	-36.81	-42.72	-23.52	-10.19	-1.38	-0.05	0.00
RAVENSWOOD_GT_5	39.59	38.87	35.37	34.32	34.34	37.60	40.65	45.02	44.99	46.22	68.72	59.10	57.65	68.96	94.02	69.41	109.66	97.35	75.22	61.75	52.39	42.57	39.52	44.62
24254	3.22	3.06	2.75	2.59	2.61	2.87	3.36	3.89	4.12	4.52	4.17	4.16	4.50	4.55	5.55	6.06	9.02	6.13	2.76	3.18	3.58	3.64	3.33	3.10
	-0.21	0.00	-0.57	0.00	0.00	-0.21	0.00	0.00	0.00	0.00	-28.40	-20.77	-16.18	-24.98	-41.74	-11.89	-25.14	-36.81	-42.72	-23.52	-10.19	-1.38	-0.05	0.00
RAVENSWOOD_GT_6	39.59	38.87	35.37	34.32	34.34	37.60	40.65	45.02	44.99	46.22	68.72	59.10	57.65	68.96	94.02	69.41	109.66	97.35	75.22	61.75	52.39	42.57	39.52	44.62
24253	3.22	3.06	2.75	2.59	2.61	2.87	3.36	3.89	4.12	4.52	4.17	4.16	4.50	4.55	5.55	6.06	9.02	6.13	2.76	3.18	3.58	3.64	3.33	3.10
	-0.21	0.00	-0.57	0.00	0.00	-0.21	0.00	0.00	0.00	0.00	-28.40	-20.77	-16.18	-24.98	-41.74	-11.89	-25.14	-36.81	-42.72	-23.52	-10.19	-1.38	-0.05	0.00

RAVENSWOOD_GT_7 24255	39.59 3.22 -0.21	38.87 3.06 0.00	35.37 2.75 -0.57	34.32 2.59 0.00	34.34 2.61 0.00	37.60 2.87 -0.21	40.65 3.36 0.00	45.02 3.89 0.00	44.99 4.12 0.00	46.22 4.52 0.00	68.72 4.17 -28.40	59.10 4.16 -20.77	57.65 4.50 -16.18	68.96 4.55 -24.98	94.02 5.55 -41.74	69.41 6.06 -11.89	109.66 9.02 -25.14	97.35 6.13 -36.81	75.22 2.76 -42.72	61.75 3.18 -23.52	52.39 3.58 -10.19	42.57 3.64 -1.38	39.52 3.33 -0.05	44.62 3.10 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	39.57 3.20 -0.21	38.85 3.04 0.00	35.35 2.73 -0.57	34.32 2.59 0.00	34.33 2.60 0.00	37.59 2.86 -0.21	40.65 3.36 0.00	45.01 3.88 0.00	44.96 4.10 0.00	46.19 4.49 0.00	68.73 4.15 -28.43	59.06 4.16 -20.74	57.58 4.48 -16.12	68.97 4.57 -24.97	94.05 5.59 -41.74	61.00 6.02 -3.53	89.21 8.95 -4.75	87.61 6.07 -27.14	75.25 2.79 -42.72	61.76 3.20 -23.51	52.36 3.59 -10.17	42.54 3.61 -1.38	39.50 3.31 -0.05	44.63 3.12 0.00
RAVENSWOOD_GT_9 24257	39.57 3.20 -0.21	38.85 3.04 0.00	35.35 2.73 -0.57	34.32 2.59 0.00	34.33 2.60 0.00	37.59 2.86 -0.21	40.65 3.36 0.00	45.01 3.88 0.00	44.96 4.10 0.00	46.19 4.49 0.00	68.73 4.15 -28.43	59.06 4.16 -20.74	57.58 4.48 -16.12	68.97 4.57 -24.97	94.05 5.59 -41.74	61.00 6.02 -3.53	89.21 8.95 -4.75	87.61 6.07 -27.14	75.25 2.79 -42.72	61.76 3.20 -23.51	52.36 3.59 -10.17	42.54 3.61 -1.38	39.50 3.31 -0.05	44.63 3.12 0.00
RAVENSWOOD___1 23533	39.64 3.27 -0.21	38.87 3.06 0.00	35.38 2.76 -0.57	34.35 2.62 0.00	34.35 2.63 0.00	37.62 2.89 -0.21	40.69 3.39 0.00	45.07 3.94 0.00	45.06 4.20 0.00	46.30 4.60 0.00	68.80 4.25 -28.39	59.10 4.21 -20.72	57.65 4.57 -16.11	68.94 4.54 -24.96	94.01 5.55 -41.74	68.45 6.17 -10.82	108.70 9.21 -23.98	96.41 6.28 -35.73	75.20 2.74 -42.72	61.71 3.15 -23.51	52.39 3.62 -10.17	42.65 3.72 -1.38	39.57 3.38 -0.05	44.62 3.10 0.00
RAVENSWOOD___2 23534	39.57 3.20 -0.21	38.80 2.99 0.00	35.33 2.70 -0.57	34.29 2.56 0.00	34.28 2.56 0.00	37.44 2.71 -0.21	40.42 3.13 0.00	44.79 3.66 0.00	44.78 3.92 0.00	46.01 4.31 0.00	68.54 4.00 -28.39	58.83 3.94 -20.72	57.42 4.34 -16.11	68.65 4.25 -24.96	93.64 5.17 -41.74	68.11 5.81 -10.85	108.27 8.70 -24.06	96.08 5.91 -35.77	74.96 2.50 -42.72	61.46 2.89 -23.51	52.13 3.36 -10.17	42.51 3.59 -1.38	39.50 3.31 -0.05	44.50 2.99 0.00
RAVENSWOOD___3 23535	39.58 3.20 -0.21	38.84 3.03 0.00	35.35 2.73 -0.57	34.31 2.59 0.00	34.32 2.60 0.00	37.59 2.86 -0.21	40.65 3.35 0.00	45.00 3.88 0.00	44.98 4.12 0.00	46.20 4.50 0.00	68.69 4.15 -28.39	59.05 4.16 -20.73	57.57 4.49 -16.11	68.96 4.56 -24.97	94.05 5.59 -41.74	68.02 6.03 -10.53	107.69 8.97 -23.22	95.89 6.09 -35.39	75.25 2.79 -42.72	61.76 3.20 -23.51	52.38 3.60 -10.17	42.57 3.64 -1.38	39.50 3.31 -0.05	44.62 3.11 0.00
RAVENSWOOD___4 23820	39.63 3.26 -0.21	38.86 3.06 0.00	35.38 2.76 -0.57	34.33 2.60 0.00	34.35 2.62 0.00	37.60 2.87 -0.21	40.68 3.38 0.00	45.05 3.92 0.00	45.04 4.18 0.00	46.28 4.58 0.00	68.78 4.24 -28.40	59.12 4.19 -20.76	57.70 4.56 -16.16	68.95 4.54 -24.98	94.00 5.54 -41.74	70.39 6.17 -12.77	112.38 9.19 -27.68	98.54 6.27 -37.86	75.19 2.73 -42.72	61.72 3.15 -23.52	52.41 3.61 -10.19	42.64 3.71 -1.38	39.56 3.37 -0.05	44.60 3.09 0.00
RCPL_TRUST___DRP 24196	39.97 3.60 -0.21	39.21 3.41 0.00	35.64 3.02 -0.57	34.60 2.87 0.00	34.61 2.89 0.00	37.92 3.19 -0.21	41.06 3.76 0.00	45.56 4.44 0.00	45.60 4.73 0.00	46.89 5.18 0.00	71.92 4.77 -30.99	60.50 4.73 -21.60	59.27 5.09 -17.20	70.16 5.21 -25.51	94.89 6.36 -41.80	82.03 6.85 -23.72	143.68 10.17 -58.00	112.29 6.93 -50.95	75.31 3.16 -42.42	62.16 3.57 -23.52	52.76 3.98 -10.17	42.95 4.02 -1.38	39.90 3.71 -0.05	45.01 3.49 0.00
RED___ROCHESTER 323720	35.52 -0.11 0.53	35.33 -0.48 0.00	30.03 -0.55 1.47	31.22 -0.51 0.00	31.23 -0.50 0.00	33.47 -0.52 0.53	36.72 -0.59 -0.01	40.54 -0.60 -0.01	39.97 -0.89 0.00	40.74 -0.96 0.00	35.31 -0.84 0.00	33.39 -0.78 0.00	35.80 -1.18 0.00	37.62 -1.36 0.46	45.00 -1.73 -0.01	49.74 -1.72 0.00	62.84 -2.48 10.18	50.79 -1.77 1.84	28.83 -0.91 0.00	33.78 -1.28 0.00	37.40 -1.15 0.05	32.75 -1.25 3.55	34.85 -1.15 0.14	38.20 -1.14 2.17
REGAN___SOLAR 323812	38.43 2.08 -0.18	37.83 2.02 0.00	34.39 1.82 -0.51	33.56 1.83 0.00	33.57 1.84 0.00	36.72 2.01 -0.18	39.36 2.06 0.00	43.35 2.23 0.00	43.20 2.34 0.00	43.84 2.14 0.00	37.69 1.53 0.00	34.99 0.83 0.00	37.76 0.78 0.00	40.72 1.12 -0.16	47.91 1.19 0.00	52.43 0.97 0.00	81.40 2.37 -3.52	57.05 2.01 -0.63	31.18 1.44 0.00	36.99 1.93 0.00	40.87 2.24 -0.02	40.89 2.12 -1.23	38.14 1.96 -0.05	43.54 2.03 0.00
RENSSELAER___COGEN 23796	37.15 0.99 0.00	36.91 1.10 0.00	33.11 1.06 0.00	32.76 1.03 0.00	32.74 1.02 0.00	35.61 1.09 0.00	38.48 1.18 0.00	42.29 1.16 0.00	41.80 0.94 0.00	42.74 1.03 0.00	37.13 0.98 0.00	35.15 0.98 0.00	38.00 1.03 0.00	40.37 0.94 0.00	47.93 1.20 0.00	52.68 1.23 0.00	77.43 1.93 0.00	58.48 1.26 -2.82	30.94 0.62 -0.57	35.82 0.77 0.00	39.50 0.89 0.00	38.44 0.90 0.00	37.03 0.89 0.00	42.44 0.93 0.00
REPUBLIC_115KV_BARTNBRK 55605	40.17 4.01 0.00	39.67 3.86 0.00	35.39 3.34 0.00	34.94 3.21 0.00	35.02 3.30 0.00	38.70 4.18 0.00	42.31 5.01 0.00	46.76 5.64 0.00	46.23 5.37 0.00	47.86 6.16 0.00	40.52 4.36 0.00	37.95 3.79 0.00	41.05 4.07 0.00	43.14 3.70 0.00	51.37 4.65 0.00	56.81 5.35 0.00	83.81 8.31 0.00	63.36 6.49 -2.46	34.35 4.11 -0.50	39.66 4.60 0.00	43.92 5.31 0.00	42.85 5.30 0.00	40.83 4.70 0.00	46.42 4.91 0.00
REVERE_CPPR_DRP 24186	45.96 1.13 -8.66	54.43 0.90 -17.73	49.52 0.76 -16.71	49.08 0.74 -16.61	49.13 0.78 -16.63	51.13 1.00 -15.60	56.28 1.28 -17.71	62.02 1.46 -19.43	58.49 1.49 -16.13	62.76 1.44 -19.62	53.02 0.90 -15.96	51.44 0.60 -16.67	54.71 0.38 -17.35	57.73 0.33 -17.96	66.81 0.24 -19.84	71.69 0.18 -20.06	102.22 0.83 -25.89	77.40 1.31 -21.69	46.25 0.84 -15.67	48.96 1.11 -12.79	45.33 1.30 -5.42	44.80 1.15 -6.11	37.32 1.18 0.00	42.91 1.40 0.00
REYNLDPA_13_KV_LD 356490	32.88 -0.57 2.71	29.74 -0.51 5.56	26.24 -0.57 5.24	25.96 -0.56 5.21	26.00 -0.51 5.21	29.05 -0.56 4.92	30.83 -0.59 5.88	34.12 -0.72 6.28	35.12 -0.56 5.18	34.70 -0.68 6.32	30.14 -0.77 5.25	27.80 -0.82 5.54	30.35 -0.86 5.77	32.84 -0.63 5.97	39.31 -0.82 6.60	44.04 -0.75 6.67	65.48 -1.46 8.56	46.59 -0.61 7.21	24.36 -0.17 5.21	30.66 -0.15 4.24	36.87 -0.04 1.70	35.58 -0.05 1.91	35.99 -0.15 0.00	41.33 -0.19 0.00
REYNOLDS_115KV_TB3 80639	37.40 1.23 0.00	37.18 1.38 0.00	33.34 1.28 0.00	32.98 1.25 0.00	32.95 1.22 0.00	35.85 1.33 0.00	38.73 1.44 0.00	42.58 1.46 0.00	42.21 1.34 0.00	43.18 1.47 0.00	37.50 1.34 0.00	35.49 1.33 0.00	38.37 1.39 0.00	40.75 1.31 0.00	48.39 1.66 0.00	53.19 1.73 0.00	78.10 2.60 0.00	58.98 1.70 -2.87	31.18 0.85 -0.58	36.08 1.03 0.00	39.80 1.19 0.00	38.73 1.19 0.00	37.32 1.18 0.00	42.69 1.17 0.00

RIVERBAY____ 323610	40.47 4.10 -0.21	39.70 3.90 0.00	36.12 3.50 -0.57	35.08 3.35 0.00	35.10 3.37 0.00	38.45 3.72 -0.21	41.58 4.29 0.00	46.03 4.91 0.00	45.99 5.12 0.00	47.20 5.50 0.00	69.52 4.97 -28.39	59.85 4.96 -20.72	58.51 5.42 -16.11	69.85 5.45 -24.96	95.08 6.61 -41.74	70.66 7.59 -11.61	111.38 11.20 -24.68	98.73 7.73 -36.60	75.87 3.41 -42.72	62.42 3.86 -23.51	53.19 4.41 -10.17	43.40 4.47 -1.38	40.32 4.13 -0.05	45.40 3.88 0.00
RIVERSDE_115KV_TB3 55908	37.33 1.17 0.00	37.09 1.29 0.00	33.27 1.22 0.00	32.90 1.17 0.00	32.88 1.16 0.00	35.77 1.25 0.00	38.66 1.37 0.00	42.49 1.37 0.00	42.08 1.21 0.00	43.05 1.34 0.00	37.39 1.23 0.00	35.39 1.23 0.00	38.27 1.29 0.00	40.64 1.21 0.00	48.23 1.51 0.00	53.04 1.58 0.00	77.91 2.41 0.00	58.80 1.58 -2.82	31.11 0.79 -0.57	36.01 0.95 0.00	39.71 1.10 0.00	38.65 1.10 0.00	37.22 1.08 0.00	42.60 1.08 0.00
ROARING__BROOK_WT_PWR 323790	35.34 -0.83 0.00	34.77 -1.04 0.00	31.10 -0.95 0.00	30.79 -0.94 0.00	30.76 -0.96 0.00	33.49 -1.03 0.00	36.24 -1.05 0.00	40.15 -0.97 0.00	39.86 -1.01 0.00	40.63 -1.07 0.00	35.15 -1.01 0.00	33.17 -1.00 0.00	35.88 -1.10 0.00	38.39 -1.05 0.00	45.58 -1.15 0.00	50.42 -1.04 0.00	74.17 -1.33 0.00	53.48 -0.92 0.00	29.23 -0.51 0.00	34.54 -0.52 0.00	38.07 -0.54 0.00	37.01 -0.53 0.00	35.77 -0.37 0.00	41.27 -0.24 0.00
ROCHESRG_115KV_T4 355643	32.79 -0.72 2.65	32.63 -1.04 2.14	27.65 -1.01 3.39	28.73 -0.96 2.03	28.72 -0.96 2.04	30.89 -1.03 2.61	33.98 -1.17 2.15	37.72 -1.22 2.18	39.16 -1.47 0.23	40.11 -1.54 0.06	34.67 -1.35 0.13	32.90 -1.27 0.00	35.30 -1.68 0.00	37.04 -1.89 0.51	43.43 -2.35 0.95	48.63 -2.41 0.41	61.83 -3.44 10.23	50.10 -2.50 1.81	28.28 -1.38 0.08	33.09 -1.80 0.17	36.66 -1.69 0.25	32.15 -1.74 3.66	34.41 -1.59 0.14	37.78 -1.60 2.13
ROCHESTER_9_IC 23652	35.27 -0.35 0.54	35.10 -0.70 0.00	29.85 -0.73 1.47	31.05 -0.68 0.00	31.05 -0.68 0.00	33.28 -0.71 0.54	36.49 -0.82 -0.01	40.30 -0.84 -0.02	39.78 -1.09 0.00	40.54 -1.16 0.00	35.12 -1.04 0.00	33.19 -0.98 0.00	35.59 -1.39 0.00	37.41 -1.56 0.46	44.75 -1.98 -0.01	49.48 -1.98 0.00	62.45 -2.83 10.23	50.54 -2.02 1.84	28.61 -1.13 0.00	33.57 -1.49 0.00	37.20 -1.35 0.05	32.57 -1.41 3.56	34.69 -1.31 0.14	38.03 -1.29 2.19
ROCKVIEW_13_KV_LD 356306	39.68 3.30 -0.21	38.93 3.12 0.00	35.40 2.78 -0.57	34.35 2.62 0.00	34.36 2.64 0.00	37.66 2.92 -0.21	40.73 3.43 0.00	45.10 3.98 0.00	45.05 4.18 0.00	46.24 4.54 0.00	52.40 4.21 -12.03	53.73 4.24 -15.33	50.84 4.60 -9.27	65.85 4.71 -21.70	94.25 5.76 -41.77	72.86 6.24 -15.16	120.25 9.31 -35.43	101.61 6.35 -40.86	75.06 3.00 -42.32	61.99 3.42 -23.52	52.57 3.79 -10.17	42.69 3.76 -1.38	39.64 3.44 -0.05	44.81 3.29 0.00
ROME____115KV_TB2 80656	45.96 1.13 -8.66	54.43 0.90 -17.73	49.52 0.76 -16.71	49.08 0.74 -16.61	49.13 0.78 -16.63	51.13 1.00 -15.60	56.28 1.28 -17.71	62.02 1.46 -19.43	58.49 1.49 -16.13	62.76 1.44 -19.62	53.02 0.90 -15.96	51.44 0.60 -16.67	54.71 0.38 -17.35	57.73 0.33 -17.96	66.81 0.24 -19.84	71.69 0.18 -20.06	102.22 0.83 -25.89	77.40 1.31 -21.69	46.25 0.84 -15.67	48.96 1.11 -12.79	45.33 1.30 -5.42	44.80 1.15 -6.11	37.32 1.18 0.00	42.91 1.40 0.00
ROSETON__1 23587	38.77 2.40 -0.21	38.07 2.27 0.00	34.66 2.04 -0.57	33.68 1.95 0.00	33.69 1.96 0.00	36.91 2.18 -0.21	39.85 2.56 0.00	44.08 2.96 0.00	43.96 3.10 0.00	45.06 3.36 0.00	39.96 3.12 -0.69	37.57 3.18 -0.23	40.71 3.45 -0.29	43.25 3.50 -0.31	51.09 4.36 0.00	56.17 4.71 0.00	86.57 7.12 -3.95	67.00 4.78 -7.81	1.14 2.28 30.88	18.09 2.58 19.55	33.05 2.87 8.42	41.74 2.82 -1.38	38.77 2.58 -0.05	43.97 2.46 0.00
ROSETON__2 23588	38.77 2.40 -0.21	38.07 2.27 0.00	34.66 2.04 -0.57	33.68 1.95 0.00	33.69 1.96 0.00	36.91 2.18 -0.21	39.85 2.56 0.00	44.08 2.96 0.00	43.96 3.10 0.00	45.06 3.36 0.00	39.96 3.12 -0.69	37.57 3.18 -0.23	40.71 3.45 -0.29	43.25 3.50 -0.31	51.09 4.36 0.00	56.17 4.71 0.00	86.57 7.12 -3.95	67.00 4.78 -7.81	1.14 2.28 30.88	18.09 2.58 19.55	33.05 2.87 8.42	41.74 2.82 -1.38	38.77 2.58 -0.05	43.97 2.46 0.00
ROTTDRAM_115KV_TB3 80664	37.49 1.32 0.00	37.11 1.31 0.00	33.26 1.21 0.00	32.94 1.21 0.00	32.93 1.21 0.00	35.84 1.31 0.00	38.73 1.44 0.00	42.68 1.56 0.00	42.43 1.57 0.00	43.35 1.65 0.00	37.56 1.41 0.00	35.52 1.36 0.00	38.40 1.43 0.00	40.85 1.41 0.00	48.44 1.72 0.00	53.28 1.83 0.00	78.26 2.76 0.00	58.66 1.94 -2.31	31.24 1.03 -0.47	36.28 1.23 0.00	40.01 1.40 0.00	38.92 1.37 0.00	37.43 1.30 0.00	42.82 1.31 0.00
RUSSELL__1 23602	35.48 -0.15 0.53	35.28 -0.53 0.00	30.01 -0.57 1.47	31.20 -0.54 0.00	31.20 -0.52 0.00	33.45 -0.55 0.53	36.67 -0.64 -0.01	40.50 -0.64 -0.01	39.97 -0.89 0.00	40.73 -0.97 0.00	35.28 -0.88 0.00	33.34 -0.82 0.00	35.75 -1.23 0.00	37.59 -1.39 0.46	44.97 -1.76 -0.01	49.72 -1.74 0.00	62.84 -2.48 10.18	50.80 -1.77 1.84	28.76 -0.98 0.00	33.74 -1.32 0.00	37.39 -1.17 0.05	32.75 -1.24 3.55	34.86 -1.14 0.14	38.21 -1.13 2.17
RUSSELL__2 23532	35.48 -0.15 0.53	35.28 -0.53 0.00	30.01 -0.57 1.47	31.20 -0.54 0.00	31.20 -0.52 0.00	33.45 -0.55 0.53	36.67 -0.64 -0.01	40.50 -0.64 -0.01	39.97 -0.89 0.00	40.73 -0.97 0.00	35.28 -0.88 0.00	33.34 -0.82 0.00	35.75 -1.23 0.00	37.59 -1.39 0.46	44.97 -1.76 -0.01	49.72 -1.74 0.00	62.84 -2.48 10.18	50.80 -1.77 1.84	28.76 -0.98 0.00	33.74 -1.32 0.00	37.39 -1.17 0.05	32.75 -1.24 3.55	34.86 -1.14 0.14	38.21 -1.13 2.17
RUSSELL__3 23549	35.48 -0.15 0.53	35.28 -0.53 0.00	30.01 -0.57 1.47	31.20 -0.54 0.00	31.20 -0.52 0.00	33.45 -0.55 0.53	36.67 -0.64 -0.01	40.50 -0.64 -0.01	39.97 -0.89 0.00	40.73 -0.97 0.00	35.28 -0.88 0.00	33.34 -0.82 0.00	35.75 -1.23 0.00	37.59 -1.39 0.46	44.97 -1.76 -0.01	49.72 -1.74 0.00	62.84 -2.48 10.18	50.80 -1.77 1.84	28.76 -0.98 0.00	33.74 -1.32 0.00	37.39 -1.17 0.05	32.75 -1.24 3.55	34.86 -1.14 0.14	38.21 -1.13 2.17
RUSSELL__4 23556	35.48 -0.15 0.53	35.28 -0.53 0.00	30.01 -0.57 1.47	31.20 -0.54 0.00	31.20 -0.52 0.00	33.45 -0.55 0.53	36.67 -0.64 -0.01	40.50 -0.64 -0.01	39.97 -0.89 0.00	40.73 -0.97 0.00	35.28 -0.88 0.00	33.34 -0.82 0.00	35.75 -1.23 0.00	37.59 -1.39 0.46	44.97 -1.76 -0.01	49.72 -1.74 0.00	62.84 -2.48 10.18	50.80 -1.77 1.84	28.76 -0.98 0.00	33.74 -1.32 0.00	37.39 -1.17 0.05	32.75 -1.24 3.55	34.86 -1.14 0.14	38.21 -1.13 2.17
RUSSELL__STATION 23914	35.48 -0.15 0.53	35.28 -0.53 0.00	30.01 -0.57 1.47	31.20 -0.54 0.00	31.20 -0.52 0.00	33.45 -0.55 0.53	36.67 -0.64 -0.01	40.50 -0.64 -0.01	39.97 -0.89 0.00	40.73 -0.97 0.00	35.28 -0.88 0.00	33.34 -0.82 0.00	35.75 -1.23 0.00	37.59 -1.39 0.46	44.97 -1.76 -0.01	49.72 -1.74 0.00	62.84 -2.48 10.18	50.80 -1.77 1.84	28.76 -0.98 0.00	33.74 -1.32 0.00	37.39 -1.17 0.05	32.75 -1.24 3.55	34.86 -1.14 0.14	38.21 -1.13 2.17

S SALMON___HYD 24043	28.89 -0.82 6.45	21.90 -1.07 12.84	18.50 -0.95 12.59	18.75 -0.94 12.04	18.75 -0.93 12.05	22.06 -0.95 11.53	22.98 -0.99 13.32	27.35 -1.09 12.68	29.63 -1.13 10.11	27.87 -1.25 12.59	23.51 -1.23 11.42	20.32 -1.23 12.61	22.32 -1.53 13.13	23.94 -1.75 13.74	29.59 -2.13 15.01	33.88 -2.40 15.17	50.03 -3.05 22.43	35.26 -2.13 17.01	16.78 -1.11 11.85	24.17 -1.22 9.66	33.35 -1.31 3.94	30.64 -1.32 5.59	35.20 -0.89 0.05	40.84 -0.67 0.00
S.PERRY___115KV_TB1 80734	85.59 0.21 -49.21	86.40 -0.16 -50.75	75.05 -0.24 -43.25	79.55 -0.26 -48.08	79.64 -0.21 -48.12	81.67 -0.83 -47.98	86.48 -1.64 -50.83	91.50 -1.64 -52.01	45.07 -1.70 -5.91	41.33 -2.19 -1.82	37.23 -2.14 -3.22	32.07 -2.10 0.00	34.38 -2.59 0.00	36.98 -3.02 -0.57	65.19 -4.19 -22.66	56.97 -4.39 -9.90	55.04 -5.97 14.49	46.97 -4.04 3.40	29.50 -2.23 -1.99	36.71 -2.41 -4.06	42.01 -1.29 -4.68	34.42 -0.29 2.83	35.56 -0.32 0.26	36.29 -0.39 4.83
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	16.22 -1.98 17.96	16.06 -2.42 17.32	11.85 -2.27 17.94	13.16 -2.15 16.42	13.11 -2.16 16.45	14.63 -2.34 17.55	17.34 -2.58 17.38	20.89 -2.61 17.62	35.93 -3.09 1.84	37.99 -3.22 0.49	32.34 -2.79 1.03	31.60 -2.57 0.00	33.83 -3.14 0.00	34.83 -3.46 1.15	35.10 -4.17 7.45	43.83 -4.37 3.25	52.20 -6.28 17.02	46.84 -4.79 2.77	26.36 -2.73 0.65	30.22 -3.51 1.33	33.50 -3.46 1.66	27.49 -3.48 6.58	32.83 -3.10 0.21	34.95 -3.15 3.42
SAWYER___23_KV_LOAD 55526	16.22 -1.98 17.96	16.06 -2.42 17.32	11.85 -2.27 17.94	13.16 -2.15 16.42	13.11 -2.16 16.45	14.63 -2.34 17.55	17.34 -2.58 17.38	20.89 -2.61 17.62	35.93 -3.09 1.84	37.99 -3.22 0.49	32.34 -2.79 1.03	31.60 -2.57 0.00	33.83 -3.14 0.00	34.83 -3.46 1.15	35.10 -4.17 7.45	43.83 -4.37 3.25	52.20 -6.28 17.02	46.84 -4.79 2.77	26.36 -2.73 0.65	30.22 -3.51 1.33	33.50 -3.46 1.66	27.49 -3.48 6.58	32.83 -3.10 0.21	34.95 -3.15 3.42
SELKIRK___I 23801	37.33 1.17 0.00	37.06 1.26 0.00	33.26 1.21 0.00	32.93 1.20 0.00	32.93 1.21 0.00	35.82 1.30 0.00	38.66 1.37 0.00	42.51 1.38 0.00	42.00 1.14 0.00	42.87 1.17 0.00	37.22 1.07 0.00	35.23 1.07 0.00	38.04 1.07 0.00	40.42 0.99 0.00	48.00 1.27 0.00	52.89 1.43 0.00	77.85 2.35 0.00	58.63 1.45 -2.78	31.08 0.77 -0.57	36.00 0.95 0.00	39.68 1.08 0.00	38.61 1.06 0.00	37.20 1.06 0.00	42.70 1.19 0.00
SELKIRK___II 23799	37.16 1.00 0.00	36.90 1.09 0.00	33.14 1.09 0.00	32.80 1.07 0.00	32.78 1.06 0.00	35.66 1.13 0.00	38.53 1.23 0.00	42.36 1.24 0.00	41.82 0.96 0.00	42.67 0.97 0.00	37.07 0.92 0.00	35.10 0.94 0.00	37.97 0.99 0.00	40.36 0.92 0.00	47.91 1.19 0.00	52.69 1.24 0.00	77.45 1.94 0.00	58.31 1.13 -2.77	30.85 0.54 -0.57	35.72 0.67 0.00	39.39 0.78 0.00	38.34 0.80 0.00	36.98 0.84 0.00	42.50 0.99 0.00
SENECA OSWGO___HYD 24041	34.45 -0.76 0.95	33.38 -0.88 1.55	29.24 -0.82 1.99	29.49 -0.79 1.45	29.48 -0.79 1.45	32.11 -0.85 1.57	34.82 -0.95 1.53	41.90 -1.02 -1.80	42.05 -1.05 -2.24	42.77 -1.12 -2.20	34.86 -0.98 0.32	31.64 -0.96 1.56	34.23 -1.12 1.63	36.20 -1.39 1.85	43.14 -1.72 1.86	47.71 -1.87 1.88	66.56 -2.69 6.25	49.87 -1.83 2.71	27.34 -0.93 1.47	32.72 -1.14 1.20	36.89 -1.22 0.49	34.50 -1.21 1.83	34.95 -1.13 0.05	40.40 -1.12 0.00
SENECA___115KV_TB3 355854	15.49 -1.58 19.10	15.34 -2.04 18.43	11.05 -1.96 19.04	12.41 -1.85 17.47	12.36 -1.87 17.50	13.87 -2.00 18.65	16.76 -2.12 18.42	20.37 -1.98 18.77	36.52 -2.25 2.09	38.75 -2.40 0.56	32.95 -2.04 1.17	32.34 -1.83 0.00	34.64 -2.34 0.00	35.51 -2.66 1.26	35.03 -3.23 8.47	44.35 -3.39 3.71	52.33 -5.35 17.83	47.64 -3.80 2.96	26.95 -2.05 0.74	30.74 -2.79 1.52	33.97 -2.76 1.88	27.58 -2.84 7.12	33.37 -2.54 0.22	35.26 -2.60 3.65
SENECA___ENERGY 23797	39.17 -0.03 -3.04	39.14 -0.26 -3.59	33.67 -0.27 -1.89	34.85 -0.27 -3.38	34.86 -0.24 -3.37	37.23 -0.23 -2.93	40.75 -0.16 -3.61	46.08 -0.10 -5.05	42.58 -0.14 -1.86	43.02 -0.36 -1.67	36.52 -0.31 -0.68	33.85 -0.31 0.00	36.53 -0.45 0.00	38.40 -0.71 0.32	47.39 -0.92 -1.58	51.14 -1.01 -0.69	65.00 -1.44 9.07	51.74 -0.97 1.69	29.41 -0.47 -0.14	34.69 -0.66 -0.29	38.28 -0.62 -0.29	33.91 -0.64 3.01	35.37 -0.64 0.13	38.85 -0.70 1.97
SHOEMAKER___GT 23640	38.79 2.40 -0.23	38.05 2.24 0.00	34.69 2.00 -0.64	33.63 1.90 0.00	33.64 1.92 0.00	36.90 2.14 -0.23	39.79 2.50 0.00	43.99 2.87 0.00	43.80 2.94 0.00	44.82 3.11 0.00	33.07 2.89 5.97	-26.09 2.99 63.24	14.84 3.27 25.41	-61.66 3.28 104.38	-175.04 4.14 225.91	-26.01 4.54 82.00	-83.18 7.04 165.72	-151.15 4.75 210.30	-140.62 2.32 172.68	-59.87 2.64 97.56	-0.58 2.90 42.09	41.89 2.80 -1.55	38.72 2.52 -0.06	43.91 2.40 0.00
SHOEMAKR_138KV_BK 111 55601	38.78 2.39 -0.23	38.05 2.24 0.00	34.69 2.00 -0.64	33.63 1.90 0.00	33.63 1.91 0.00	36.89 2.13 -0.23	39.79 2.49 0.00	44.00 2.88 0.00	43.82 2.95 0.00	44.87 3.16 0.00	31.18 2.94 7.92	-57.93 3.05 95.14	2.37 3.31 37.91	-114.71 3.34 157.48	-290.18 4.20 341.10	-67.77 4.59 123.82	-169.92 7.03 252.45	-254.86 4.75 314.01	-224.80 2.31 256.86	-107.77 2.62 145.44	-21.28 2.87 62.76	41.88 2.78 -1.56	38.71 2.51 -0.06	43.90 2.39 0.00
SHOREHAM_IC_1 23715	46.26 3.96 -6.13	39.66 3.85 0.00	35.96 3.33 -0.57	34.87 3.14 0.00	35.17 3.45 0.00	38.61 3.88 -0.21	41.63 4.33 0.00	46.02 4.89 0.00	45.96 5.04 -0.06	47.36 5.00 -0.66	80.61 4.77 -39.69	61.93 4.17 -23.59	87.13 4.49 -45.67	105.17 4.64 -61.09	244.17 5.63 -191.82	437.61 5.96 -380.19	458.67 8.98 -374.19	408.25 6.04 -347.81	375.61 3.09 -342.77	105.24 3.76 -66.43	101.36 4.71 -58.05	100.80 4.46 -58.80	369.20 3.93 -329.13	45.18 3.67 0.00
SHOREHAM_IC_2 23716	46.26 3.96 -6.13	39.66 3.85 0.00	35.96 3.33 -0.57	34.87 3.14 0.00	35.17 3.45 0.00	38.61 3.88 -0.21	41.63 4.33 0.00	46.02 4.89 0.00	45.96 5.04 -0.06	47.36 5.00 -0.66	80.61 4.77 -39.69	61.93 4.17 -23.59	87.13 4.49 -45.67	105.17 4.64 -61.09	244.17 5.63 -191.82	437.61 5.96 -380.19	458.67 8.98 -374.19	408.25 6.04 -347.81	375.61 3.09 -342.77	105.24 3.76 -66.43	101.36 4.71 -58.05	100.80 4.46 -58.80	369.20 3.93 -329.13	45.18 3.67 0.00
SISSONVILLE____ 23735	25.95 -1.66 8.55	16.76 -1.55 17.50	14.06 -1.49 16.50	13.82 -1.50 16.41	13.87 -1.44 16.42	17.20 -1.66 15.66	14.66 -2.06 20.57	16.79 -2.35 21.98	20.51 -2.23 18.12	17.16 -2.43 22.12	15.34 -2.45 18.36	12.28 -2.50 19.39	14.07 -2.73 20.18	15.94 -2.61 20.88	20.52 -3.13 23.07	24.77 -3.36 23.33	40.61 -4.93 29.97	26.12 -3.06 25.22	9.96 -1.57 18.22	18.78 -1.50 14.77	31.96 -1.29 5.35	30.23 -1.29 6.03	34.90 -1.24 0.00	40.38 -1.13 0.00
SITHE_IND_GS1 24169	35.22 -0.95 0.00	34.77 -1.03 0.00	31.14 -0.91 0.00	30.85 -0.87 0.00	30.84 -0.89 0.00	33.56 -0.97 0.00	35.81 -1.11 0.37	29.95 -1.25 9.92	29.29 -1.27 10.30	29.32 -1.32 11.06	31.76 -1.16 3.24	33.05 -1.11 0.00	35.70 -1.28 0.00	37.96 -1.48 0.00	44.95 -1.78 0.00	49.50 -1.96 0.00	72.60 -2.91 0.00	52.36 -2.04 0.00	28.70 -1.04 0.00	33.77 -1.29 0.00	37.22 -1.39 0.00	36.18 -1.37 0.00	34.86 -1.27 0.00	40.29 -1.22 0.00

SITHE_IND_GS2 24170	35.22 -0.95 0.00	34.77 -1.03 0.00	31.14 -0.91 0.00	30.85 -0.87 0.00	30.84 -0.89 0.00	33.56 -0.97 0.00	35.81 -1.11 0.37	29.95 -1.25 9.92	29.29 -1.27 10.30	29.32 -1.32 11.06	31.76 -1.16 3.24	33.05 -1.11 0.00	35.70 -1.28 0.00	37.96 -1.48 0.00	44.95 -1.78 0.00	49.50 -1.96 0.00	72.60 -2.91 0.00	52.36 -2.04 0.00	28.70 -1.04 0.00	33.77 -1.29 0.00	37.22 -1.39 0.00	36.18 -1.37 0.00	34.86 -1.27 0.00	40.29 -1.22 0.00
SITHE_IND_GS3 24171	35.22 -0.95 0.00	34.77 -1.03 0.00	31.14 -0.91 0.00	30.85 -0.87 0.00	30.84 -0.89 0.00	33.56 -0.97 0.00	35.81 -1.11 0.37	29.95 -1.25 9.92	29.29 -1.27 10.30	29.32 -1.32 11.06	31.76 -1.16 3.24	33.05 -1.11 0.00	35.70 -1.28 0.00	37.96 -1.48 0.00	44.95 -1.78 0.00	49.50 -1.96 0.00	72.60 -2.91 0.00	52.36 -2.04 0.00	28.70 -1.04 0.00	33.77 -1.29 0.00	37.22 -1.39 0.00	36.18 -1.37 0.00	34.86 -1.27 0.00	40.29 -1.22 0.00
SITHE_IND_GS4 24172	35.22 -0.95 0.00	34.77 -1.03 0.00	31.14 -0.91 0.00	30.85 -0.87 0.00	30.84 -0.89 0.00	33.56 -0.97 0.00	35.81 -1.11 0.37	29.95 -1.25 9.92	29.29 -1.27 10.30	29.32 -1.32 11.06	31.76 -1.16 3.24	33.05 -1.11 0.00	35.70 -1.28 0.00	37.96 -1.48 0.00	44.95 -1.78 0.00	49.50 -1.96 0.00	72.60 -2.91 0.00	52.36 -2.04 0.00	28.70 -1.04 0.00	33.77 -1.29 0.00	37.22 -1.39 0.00	36.18 -1.37 0.00	34.86 -1.27 0.00	40.29 -1.22 0.00
SITHE___BATAVIA 24024	25.93 -0.36 9.88	25.67 -0.84 9.29	20.84 -0.93 10.28	22.08 -0.84 8.81	22.07 -0.82 8.83	24.00 -0.86 9.66	27.09 -0.99 9.22	30.94 -0.83 9.35	38.36 -1.49 1.01	39.70 -1.73 0.27	34.10 -1.49 0.57	32.60 -1.56 0.00	34.64 -2.34 0.00	36.01 -2.60 0.83	39.55 -3.07 4.11	46.52 -3.13 1.81	57.07 -4.76 13.67	48.91 -3.17 2.33	27.81 -1.57 0.36	32.17 -2.13 0.75	35.77 -1.91 0.94	30.43 -1.95 5.17	34.20 -1.76 0.18	36.96 -1.72 2.83
SITHE___INDEPEND 23800	35.21 -0.95 0.00	34.77 -1.04 0.00	31.13 -0.91 0.00	30.85 -0.88 0.00	30.83 -0.89 0.00	33.56 -0.97 0.00	35.81 -1.11 0.37	29.95 -1.25 9.92	29.29 -1.26 10.30	29.32 -1.32 11.06	31.76 -1.16 3.24	33.04 -1.12 0.00	35.70 -1.28 0.00	37.96 -1.48 0.00	44.95 -1.78 0.00	49.50 -1.96 0.00	72.60 -2.90 0.00	52.36 -2.04 0.00	28.70 -1.04 0.00	33.76 -1.29 0.00	37.22 -1.39 0.00	36.18 -1.36 0.00	34.87 -1.27 0.00	40.29 -1.22 0.00
SITHE___MASSENA 23902	31.66 -0.79 3.71	27.57 -0.64 7.60	24.21 -0.68 7.17	23.93 -0.68 7.13	23.96 -0.63 7.13	27.08 -0.69 6.76	28.12 -0.78 8.40	31.22 -0.93 8.97	32.69 -0.78 7.40	31.76 -0.91 9.03	27.65 -1.01 7.50	25.19 -1.07 7.91	27.59 -1.15 8.24	29.99 -0.92 8.52	36.16 -1.15 9.42	40.81 -1.13 9.52	61.41 -1.86 12.23	43.11 -1.00 10.29	21.86 -0.45 7.43	28.69 -0.32 6.04	36.10 -0.18 2.32	34.72 -0.20 2.62	35.85 -0.28 0.00	41.26 -0.25 0.00
SITHE___OGDNSBRG 24021	28.89 -0.60 6.67	21.67 -0.48 13.66	18.63 -0.54 12.88	18.37 -0.56 12.80	18.44 -0.48 12.81	21.79 -0.54 12.20	20.76 -0.69 15.84	23.29 -0.90 16.93	26.05 -0.86 13.95	23.60 -1.06 17.04	20.60 -1.41 14.14	17.64 -1.60 14.93	19.70 -1.73 15.54	21.84 -1.51 16.08	27.14 -1.82 17.77	31.60 -1.89 17.96	49.49 -2.93 23.08	33.44 -1.54 19.42	14.99 -0.72 14.03	23.41 -0.26 11.38	34.49 0.06 4.18	32.88 0.04 4.70	36.08 -0.06 0.00	41.52 0.00 0.00
SITHE___STERLING 23777	42.13 0.97 -4.99	46.82 0.79 -10.22	42.37 0.69 -9.63	41.98 0.68 -9.58	42.02 0.71 -9.59	44.40 0.88 -8.99	48.56 1.07 -10.20	53.80 1.23 -11.44	51.65 1.24 -9.55	54.48 1.20 -11.57	46.25 0.83 -9.27	44.36 0.61 -9.59	47.42 0.46 -9.98	50.19 0.43 -10.33	58.48 0.34 -11.41	63.28 0.29 -11.54	91.11 0.72 -14.89	67.88 1.01 -12.47	39.42 0.67 -9.01	43.26 0.85 -7.36	42.75 1.02 -3.13	41.95 0.88 -3.52	37.02 0.88 0.00	42.50 0.99 0.00
SLEIGHT__34_KV_TB1 80719	35.31 -0.40 0.46	35.14 -0.67 0.00	30.16 -0.64 1.25	31.11 -0.62 0.00	31.11 -0.62 0.00	33.46 -0.61 0.46	36.66 -0.64 -0.02	40.85 -0.69 -0.42	40.43 -0.86 -0.43	41.21 -0.95 -0.46	35.45 -0.85 -0.14	33.32 -0.85 0.00	35.89 -1.08 0.00	37.67 -1.37 0.39	44.99 -1.73 0.00	49.62 -1.83 0.00	64.32 -2.49 8.70	51.10 -1.74 1.57	28.81 -0.93 0.00	33.87 -1.18 0.00	37.44 -1.12 0.05	33.35 -1.16 3.03	34.88 -1.14 0.12	38.59 -1.16 1.76
SOUTH CAIRO___GT 23612	38.44 2.27 0.00	38.07 2.26 0.00	34.13 2.08 0.00	33.78 2.05 0.00	33.78 2.05 0.00	36.79 2.27 0.00	39.79 2.49 0.00	43.82 2.70 0.00	42.98 2.11 0.00	43.60 1.89 0.00	38.03 1.88 0.00	35.94 1.78 0.00	38.87 1.90 0.00	41.39 1.96 0.00	48.97 2.25 0.00	53.77 2.32 0.00	79.99 4.49 0.00	60.40 3.17 -2.83	31.99 1.67 -0.58	37.10 2.04 0.00	40.94 2.34 0.00	39.72 2.17 0.00	38.15 2.01 0.00	43.70 2.18 0.00
SOUTH HAMPTN___IC 23720	46.20 3.90 -6.13	39.58 3.77 0.00	35.89 3.27 -0.57	34.80 3.07 0.00	35.07 3.35 0.00	38.52 3.79 -0.21	41.59 4.29 0.00	45.98 4.85 0.00	45.93 5.01 -0.06	47.39 5.03 -0.66	80.54 4.79 -39.60	61.95 4.29 -23.49	87.03 4.63 -45.42	105.09 4.82 -60.83	244.22 5.85 -191.64	437.77 6.17 -380.14	458.98 9.34 -374.14	408.40 6.23 -347.77	375.64 3.21 -342.69	105.17 3.98 -66.13	101.33 4.86 -57.86	100.72 4.57 -58.61	369.24 4.05 -329.06	45.42 3.91 0.00
SOUTHDOW__115KV_TB1 355954	18.12 -0.99 17.05	17.77 -1.72 16.32	13.20 -1.59 17.27	14.90 -1.37 15.46	14.92 -1.32 15.48	16.75 -1.12 16.65	20.32 -0.66 16.31	24.46 -0.03 16.63	38.86 -0.15 1.86	40.98 -0.23 0.49	34.99 -0.14 1.03	34.12 -0.04 0.00	36.64 -0.33 0.00	37.55 -0.64 1.25	38.33 -0.90 7.51	47.23 -0.94 3.28	54.87 -2.00 18.64	49.86 -1.40 3.14	28.32 -0.77 0.66	32.48 -1.22 1.35	35.78 -1.15 1.68	28.92 -1.33 7.30	34.65 -1.25 0.24	36.35 -1.41 3.76
SOUTHOLD_69_KV_BK 2 55809	45.94 3.65 -6.13	39.31 3.50 0.00	35.65 3.02 -0.57	34.56 2.82 0.00	34.83 3.10 0.00	38.27 3.53 -0.21	41.35 4.05 0.00	45.73 4.60 0.00	45.70 4.78 -0.06	47.21 4.85 -0.66	80.37 4.61 -39.60	61.84 4.18 -23.50	86.95 4.54 -45.43	105.04 4.77 -60.84	244.14 5.76 -191.65	437.07 5.47 -380.15	457.85 8.21 -374.14	407.52 5.35 -347.77	375.18 2.74 -342.69	105.24 4.04 -66.15	101.34 4.86 -57.87	100.67 4.51 -58.62	368.98 3.78 -329.06	44.98 3.47 0.00
SOUTHOLD___IC 23719	45.94 3.65 -6.13	39.30 3.49 0.00	35.64 3.02 -0.57	34.55 2.82 0.00	34.82 3.10 0.00	38.26 3.53 -0.21	41.34 4.04 0.00	45.72 4.59 0.00	45.71 4.78 -0.06	47.20 4.84 -0.66	80.37 4.61 -39.60	61.83 4.17 -23.50	86.94 4.53 -45.43	105.04 4.76 -60.84	244.13 5.76 -191.65	437.07 5.46 -380.15	457.87 8.22 -374.14	407.53 5.36 -347.77	375.18 2.75 -342.69	105.24 4.03 -66.15	101.35 4.87 -57.87	100.68 4.51 -58.62	368.98 3.78 -329.06	45.01 3.50 0.00
SOUTH_FORK_WT_PWR 323839	45.45 3.16 -6.13	38.82 3.02 0.00	35.22 2.59 -0.57	34.13 2.40 0.00	34.41 2.68 0.00	37.80 3.07 -0.21	40.86 3.56 0.00	45.18 4.06 0.00	45.18 4.25 -0.06	46.65 4.29 -0.66	79.89 4.14 -39.60	61.38 3.72 -23.49	86.45 4.05 -45.43	104.52 4.26 -60.83	243.60 5.23 -191.65	436.91 5.31 -380.15	457.77 8.13 -374.14	407.40 5.23 -347.77	375.09 2.66 -342.69	104.80 3.61 -66.14	100.88 4.41 -57.86	100.22 4.06 -58.61	368.80 3.60 -329.06	45.15 3.64 0.00

SPIERFLS_115KV_TB 1 80737	38.72 2.56 0.00	38.39 2.59 0.00	34.36 2.31 0.00	33.99 2.27 0.00	33.99 2.27 0.00	37.16 2.63 0.00	40.32 3.02 0.00	44.46 3.34 0.00	44.06 3.20 0.00	45.25 3.55 0.00	39.01 2.85 0.00	36.80 2.64 0.00	39.76 2.79 0.00	42.07 2.63 0.00	49.80 3.08 0.00	54.95 3.49 0.00	80.84 5.34 0.00	60.78 3.93 -2.44	32.47 2.23 -0.50	37.62 2.57 0.00	41.48 2.87 0.00	40.43 2.88 0.00	38.75 2.61 0.00	44.29 2.78 0.00
ST LAWRENCE____ 23600	32.82 -0.96 2.39	30.10 -0.83 4.88	26.61 -0.84 4.60	26.32 -0.83 4.57	26.36 -0.78 4.58	29.36 -0.85 4.31	31.36 -0.89 5.05	34.68 -1.05 5.39	35.52 -0.89 4.45	35.27 -1.01 5.43	30.63 -1.02 4.50	28.34 -1.06 4.76	30.91 -1.11 4.95	33.39 -0.92 5.12	39.90 -1.16 5.66	44.61 -1.13 5.72	66.38 -1.77 7.35	47.22 -1.00 6.19	24.78 -0.49 4.47	30.96 -0.45 3.65	36.76 -0.35 1.49	35.51 -0.35 1.69	35.70 -0.43 0.00	41.05 -0.46 0.00
STATE_CA_115KV_115_LB 55624	37.42 1.26 0.00	37.16 1.36 0.00	33.31 1.26 0.00	32.96 1.23 0.00	32.94 1.22 0.00	35.84 1.31 0.00	38.73 1.44 0.00	42.59 1.46 0.00	42.16 1.30 0.00	43.14 1.44 0.00	37.48 1.33 0.00	35.48 1.32 0.00	38.34 1.37 0.00	40.73 1.29 0.00	48.31 1.59 0.00	53.14 1.68 0.00	78.07 2.57 0.00	58.86 1.73 -2.72	31.17 0.87 -0.55	36.08 1.03 0.00	39.77 1.16 0.00	38.69 1.15 0.00	37.24 1.10 0.00	42.65 1.14 0.00
STATE_ST_34_KV_LOAD 55959	38.04 0.36 -1.52	37.95 0.19 -1.96	32.90 0.18 -0.66	33.77 0.20 -1.84	33.75 0.20 -1.83	36.17 0.18 -1.46	39.61 0.32 -1.99	44.96 0.23 -3.61	42.92 0.16 -1.90	43.64 0.07 -1.87	36.87 0.07 -0.65	34.17 0.01 0.00	36.91 -0.07 0.00	38.88 -0.27 0.29	47.18 -0.41 -0.86	51.29 -0.54 -0.37	67.38 -0.68 7.44	52.71 -0.32 1.37	29.68 -0.14 -0.07	35.00 -0.21 -0.16	38.61 -0.14 -0.14	34.96 -0.07 2.51	35.86 -0.18 0.10	40.04 -0.09 1.39
STATION 5_MISC_HYD 23604	35.32 -0.31 0.54	35.15 -0.65 0.00	29.87 -0.71 1.47	31.07 -0.66 0.00	31.08 -0.64 0.00	33.30 -0.68 0.54	36.53 -0.78 -0.01	40.34 -0.80 -0.02	39.78 -1.08 0.00	40.54 -1.16 0.00	35.15 -1.01 0.00	33.22 -0.94 0.00	35.63 -1.34 0.00	37.44 -1.53 0.46	44.78 -1.96 -0.01	49.50 -1.97 0.00	62.45 -2.82 10.23	50.52 -2.04 1.84	28.68 -1.06 0.00	33.60 -1.45 0.00	37.22 -1.34 0.05	32.56 -1.42 3.56	34.69 -1.31 0.14	38.03 -1.30 2.19
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	35.42 -0.22 0.51	35.29 -0.51 0.00	30.11 -0.52 1.42	31.23 -0.50 0.00	31.24 -0.48 0.00	33.53 -0.48 0.51	36.80 -0.51 -0.02	41.10 -0.48 -0.46	40.73 -0.61 -0.47	41.53 -0.69 -0.51	35.70 -0.61 -0.15	33.57 -0.59 0.00	36.12 -0.86 0.00	37.90 -1.09 0.44	45.32 -1.41 0.00	50.01 -1.45 0.00	63.69 -1.99 9.83	51.24 -1.39 1.77	29.00 -0.74 0.00	34.07 -0.99 0.00	37.65 -0.91 0.05	33.15 -0.97 3.43	35.08 -0.93 0.13	38.44 -0.96 2.11
STA_56_34_KV_BUS2_REV_LBMP_B 345033	35.07 -0.57 0.52	34.92 -0.89 0.00	29.73 -0.89 1.43	30.88 -0.85 0.00	30.88 -0.85 0.00	33.11 -0.90 0.52	36.31 -1.00 -0.01	40.09 -1.05 -0.01	39.60 -1.27 0.00	40.37 -1.34 0.00	34.96 -1.19 0.00	33.05 -1.12 0.00	35.47 -1.51 0.00	37.28 -1.71 0.44	44.61 -2.13 -0.01	49.29 -2.17 0.00	62.53 -3.07 9.90	50.40 -2.22 1.79	28.52 -1.22 0.00	33.46 -1.59 0.00	37.05 -1.50 0.05	32.54 -1.56 3.45	34.55 -1.45 0.14	37.93 -1.47 2.11
STA_56____34_KV_BUS2 355983	35.07 -0.57 0.52	34.92 -0.89 0.00	29.73 -0.89 1.43	30.88 -0.85 0.00	30.88 -0.85 0.00	33.11 -0.90 0.52	36.31 -1.00 -0.01	40.09 -1.05 -0.01	39.60 -1.27 0.00	40.37 -1.34 0.00	34.96 -1.19 0.00	33.05 -1.12 0.00	35.47 -1.51 0.00	37.28 -1.71 0.44	44.61 -2.13 -0.01	49.29 -2.17 0.00	62.53 -3.07 9.90	50.40 -2.22 1.79	28.52 -1.22 0.00	33.46 -1.59 0.00	37.05 -1.50 0.05	32.54 -1.56 3.45	34.55 -1.45 0.14	37.93 -1.47 2.11
STA_67____115KV_BK2 355882	35.20 -0.43 0.54	35.03 -0.78 0.00	29.78 -0.79 1.48	30.99 -0.74 0.00	30.99 -0.74 0.00	33.21 -0.78 0.54	36.41 -0.90 -0.01	40.22 -0.93 -0.02	39.69 -1.17 0.00	40.46 -1.25 0.00	35.05 -1.11 0.00	33.11 -1.05 0.00	35.52 -1.46 0.00	37.34 -1.64 0.46	44.66 -2.08 -0.01	49.37 -2.08 0.00	62.28 -2.98 10.24	50.43 -2.13 1.85	28.55 -1.19 0.00	33.50 -1.56 0.00	37.12 -1.43 0.05	32.49 -1.49 3.57	34.64 -1.36 0.14	37.97 -1.35 2.19
STA_7____115KV_9TRANS 80674	35.48 -0.15 0.53	35.28 -0.53 0.00	30.01 -0.57 1.47	31.20 -0.54 0.00	31.20 -0.52 0.00	33.45 -0.55 0.53	36.67 -0.64 -0.01	40.50 -0.64 -0.01	39.97 -0.89 0.00	40.73 -0.97 0.00	35.28 -0.88 0.00	33.34 -0.82 0.00	35.75 -1.23 0.00	37.59 -1.39 0.46	44.97 -1.76 -0.01	49.72 -1.74 0.00	62.84 -2.48 10.18	50.80 -1.77 1.84	28.76 -0.98 0.00	33.74 -1.32 0.00	37.39 -1.17 0.05	32.75 -1.24 3.55	34.86 -1.14 0.14	38.21 -1.13 2.17
STA_82____115KV_TB1 80780	35.11 -0.52 0.54	34.95 -0.86 0.00	29.71 -0.86 1.48	30.92 -0.81 0.00	30.92 -0.81 0.00	33.12 -0.87 0.54	36.33 -0.98 -0.01	40.11 -1.03 -0.02	39.60 -1.27 0.00	40.36 -1.35 0.00	34.96 -1.20 0.00	33.03 -1.13 0.00	35.44 -1.53 0.00	37.24 -1.74 0.46	44.56 -2.17 -0.01	49.26 -2.21 0.00	62.12 -3.13 10.25	50.29 -2.26 1.85	28.49 -1.25 0.00	33.43 -1.63 0.00	37.04 -1.51 0.05	32.42 -1.56 3.57	34.58 -1.42 0.14	37.89 -1.43 2.19
STEEL____WIND 323596	15.42 -1.65 19.10	15.28 -2.09 18.43	11.00 -2.01 19.04	12.38 -1.88 17.47	12.29 -1.94 17.50	13.82 -2.05 18.65	16.71 -2.16 18.42	20.32 -2.03 18.77	36.46 -2.30 2.09	38.71 -2.44 0.56	32.92 -2.07 1.17	32.32 -1.85 0.00	34.59 -2.39 0.00	35.46 -2.71 1.26	34.94 -3.32 8.47	44.28 -3.47 3.71	52.22 -5.46 17.83	47.56 -3.88 2.96	26.89 -2.10 0.74	30.68 -2.85 1.52	33.91 -2.82 1.88	27.51 -2.91 7.12	33.34 -2.58 0.22	35.21 -2.65 3.65
STEPHTWN_115KV_BK_2 55603	37.47 1.30 0.00	37.22 1.41 0.00	33.37 1.32 0.00	33.00 1.27 0.00	32.98 1.26 0.00	35.90 1.38 0.00	38.82 1.52 0.00	42.67 1.54 0.00	42.17 1.30 0.00	43.12 1.42 0.00	37.45 1.29 0.00	35.42 1.26 0.00	38.36 1.38 0.00	40.73 1.29 0.00	48.36 1.63 0.00	53.17 1.71 0.00	78.17 2.66 0.00	59.01 1.79 -2.82	31.23 0.91 -0.57	36.15 1.10 0.00	39.87 1.26 0.00	38.76 1.21 0.00	37.31 1.18 0.00	42.73 1.22 0.00
STEBEN_REC_LFGE 323667	71.83 -1.76 -37.42	73.62 -1.72 -39.53	61.79 -1.67 -31.41	67.20 -1.89 -37.36	67.39 -1.66 -37.33	69.01 -1.90 -36.39	75.15 -1.60 -39.45	80.69 -1.24 -40.81	44.86 -0.99 -5.00	42.68 -0.86 -1.84	38.11 -0.66 -2.61	33.50 -0.66 0.00	35.80 -1.17 0.00	37.60 -1.58 0.25	62.28 -1.98 -17.53	57.23 -1.89 -7.66	46.46 -2.42 26.63	44.72 -1.71 7.97	29.87 -0.90 -1.02	36.91 -1.30 -3.15	41.06 -1.11 -3.56	28.84 -1.14 7.56	34.55 -1.18 0.41	31.61 -1.49 8.42
STILLWATER____SOLAR 323814	38.29 2.13 0.00	37.95 2.15 0.00	34.00 1.95 0.00	33.65 1.92 0.00	33.63 1.91 0.00	36.67 2.15 0.00	39.71 2.41 0.00	43.73 2.61 0.00	43.38 2.52 0.00	44.45 2.75 0.00	38.41 2.26 0.00	36.30 2.13 0.00	39.18 2.21 0.00	41.60 2.16 0.00	49.32 2.60 0.00	54.33 2.88 0.00	79.83 4.32 0.00	60.05 3.14 -2.51	31.97 1.72 -0.51	37.09 2.04 0.00	40.90 2.29 0.00	39.80 2.25 0.00	38.24 2.10 0.00	43.68 2.17 0.00

STONY___BROOK 24151	46.37 4.08 -6.13	39.66 3.85 0.00	35.96 3.33 -0.57	34.86 3.13 0.00	35.04 3.31 0.00	38.46 3.72 -0.21	41.59 4.29 0.00	45.99 4.86 0.00	45.95 5.03 -0.06	47.55 5.20 -0.66	80.91 4.86 -39.89	62.62 4.65 -23.81	88.21 5.04 -46.19	106.21 5.14 -61.64	244.93 6.01 -192.19	438.18 6.44 -380.28	459.34 9.55 -374.29	408.61 6.30 -347.91	375.94 3.25 -342.95	106.00 3.90 -67.05	101.63 4.59 -58.43	101.06 4.33 -59.18	369.29 3.86 -329.29	45.14 3.63 0.00
STURGEON_POOL_HYD 23609	38.96 2.59 -0.20	38.25 2.45 0.00	34.80 2.18 -0.56	33.83 2.10 0.00	33.82 2.10 0.00	37.04 2.31 -0.20	39.99 2.70 0.00	44.26 3.13 0.00	44.13 3.27 0.00	45.25 3.54 0.00	39.65 3.27 -0.23	41.04 3.37 -3.51	42.19 3.79 -1.43	49.55 3.81 -6.30	64.80 4.80 -13.28	61.47 5.19 -4.82	97.25 7.86 -13.89	72.39 5.21 -12.78	32.85 2.51 -0.60	37.87 2.81 0.00	41.70 3.08 -0.02	41.93 3.04 -1.36	38.94 2.75 -0.05	44.13 2.62 0.00
ST_LAW_115_BK7_LBMP 345037	32.44 -1.01 2.71	29.39 -0.86 5.56	25.94 -0.87 5.24	25.65 -0.87 5.21	25.69 -0.82 5.21	28.71 -0.90 4.92	30.46 -0.95 5.88	33.72 -1.12 6.28	34.72 -0.96 5.18	34.30 -1.08 6.32	29.81 -1.09 5.25	27.49 -1.14 5.54	30.01 -1.19 5.77	32.48 -0.99 5.97	38.90 -1.23 6.60	43.58 -1.21 6.67	65.04 -1.90 8.56	46.12 -1.08 7.21	24.00 -0.53 5.21	30.32 -0.49 4.24	36.51 -0.39 1.70	35.24 -0.40 1.91	35.66 -0.48 0.00	41.00 -0.51 0.00
ST_LAW_115_BK8_LBMP 345038	32.44 -1.01 2.71	29.39 -0.86 5.56	25.94 -0.87 5.24	25.65 -0.87 5.21	25.69 -0.82 5.21	28.71 -0.90 4.92	30.46 -0.95 5.88	33.72 -1.12 6.28	34.72 -0.96 5.18	34.30 -1.08 6.32	29.81 -1.09 5.25	27.49 -1.14 5.54	30.01 -1.19 5.77	32.48 -0.99 5.97	38.90 -1.23 6.60	43.58 -1.21 6.67	65.04 -1.90 8.56	46.12 -1.08 7.21	24.00 -0.53 5.21	30.32 -0.49 4.24	36.51 -0.39 1.70	35.24 -0.40 1.91	35.66 -0.48 0.00	41.00 -0.51 0.00
ST_LAW_230_BK5_LBMP 345035	33.09 -0.96 2.11	30.65 -0.83 4.33	27.13 -0.84 4.08	26.84 -0.83 4.05	26.88 -0.78 4.06	29.86 -0.85 3.81	32.04 -0.89 4.37	35.41 -1.05 4.67	36.12 -0.89 3.85	36.00 -1.01 4.70	31.23 -1.02 3.90	28.98 -1.06 4.12	31.58 -1.11 4.29	34.08 -0.92 4.43	40.66 -1.16 4.90	45.38 -1.13 4.95	67.37 -1.77 6.36	48.05 -1.00 5.36	25.38 -0.49 3.87	31.45 -0.45 3.16	36.93 -0.35 1.32	35.70 -0.35 1.49	35.70 -0.43 0.00	41.05 -0.46 0.00
ST_LAW_230_BK6_LBMP 345036	33.09 -0.96 2.11	30.65 -0.83 4.33	27.13 -0.84 4.08	26.84 -0.83 4.05	26.88 -0.78 4.06	29.86 -0.85 3.81	32.04 -0.89 4.37	35.41 -1.05 4.67	36.12 -0.89 3.85	36.00 -1.01 4.70	31.23 -1.02 3.90	28.98 -1.06 4.12	31.58 -1.11 4.29	34.08 -0.92 4.43	40.66 -1.16 4.90	45.38 -1.13 4.95	67.37 -1.77 6.36	48.05 -1.00 5.36	25.38 -0.49 3.87	31.45 -0.45 3.16	36.93 -0.35 1.32	35.70 -0.35 1.49	35.70 -0.43 0.00	41.05 -0.46 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	39.01 2.62 -0.23	38.25 2.45 0.00	34.85 2.17 -0.62	33.78 2.05 0.00	33.79 2.07 0.00	37.06 2.31 -0.23	40.02 2.73 0.00	44.28 3.15 0.00	44.16 3.30 0.00	45.28 3.58 0.00	40.02 3.34 -0.52	80.86 3.44 -43.26	57.01 3.72 -16.33	116.17 3.80 -72.94	210.20 4.74 -158.73	114.23 5.15 -57.62	207.14 7.77 -123.87	195.68 5.27 -136.00	140.64 2.52 -108.37	100.23 2.85 -62.32	68.66 3.13 -26.93	42.10 3.05 -1.51	38.95 2.75 -0.06	44.15 2.64 0.00
SWANROAD_115KV_TB1 355699	19.12 -2.29 14.75	18.96 -2.72 14.12	14.61 -2.54 14.91	15.91 -2.43 13.39	15.89 -2.43 13.41	17.45 -2.66 14.41	20.34 -3.02 13.94	23.84 -3.16 14.12	35.46 -3.87 1.53	37.17 -4.14 0.41	31.72 -3.59 0.85	30.78 -3.38 0.00	32.89 -4.09 0.00	34.10 -4.30 1.04	35.50 -5.06 6.17	43.28 -5.45 2.72	51.79 -7.90 15.82	45.79 -5.98 2.64	25.79 -3.41 0.54	29.66 -4.26 1.14	32.94 -4.28 1.38	27.27 -4.16 6.11	32.18 -3.76 0.20	34.50 -3.78 3.24
SYNERGY___BIOGAS 323694	25.85 -0.43 9.88	25.58 -0.93 9.29	20.82 -0.95 10.28	22.04 -0.88 8.81	22.02 -0.87 8.83	23.96 -0.90 9.66	27.01 -1.07 9.22	30.82 -0.95 9.35	38.32 -1.53 1.01	39.69 -1.74 0.27	34.04 -1.55 0.57	32.55 -1.62 0.00	34.57 -2.41 0.00	35.94 -2.67 0.83	39.49 -3.13 4.11	46.49 -3.16 1.81	57.11 -4.73 13.67	48.93 -3.14 2.33	27.69 -1.69 0.36	32.11 -2.19 0.75	35.73 -1.94 0.94	30.45 -1.92 5.17	34.21 -1.75 0.18	36.97 -1.71 2.83
SYRACUSE___ENERGY_ST1 323597	35.92 0.03 0.27	35.68 -0.13 0.00	31.20 -0.11 0.74	31.65 -0.08 0.00	31.64 -0.08 0.00	34.18 -0.07 0.27	37.30 -0.07 0.07	42.97 -0.08 -1.93	42.75 -0.11 -2.00	43.67 -0.19 -2.15	36.62 -0.16 -0.63	33.98 -0.18 0.00	36.72 -0.25 0.00	38.75 -0.45 0.23	46.11 -0.61 0.00	50.75 -0.70 0.00	69.33 -1.01 5.17	52.83 -0.65 0.93	29.44 -0.30 0.00	34.64 -0.41 0.00	38.18 -0.40 0.03	35.32 -0.42 1.80	35.67 -0.40 0.07	40.46 -0.34 0.72
SYRACUSE___ENERGY_ST2 323598	35.92 0.03 0.27	35.68 -0.13 0.00	31.20 -0.11 0.74	31.65 -0.08 0.00	31.64 -0.08 0.00	34.18 -0.07 0.27	37.30 -0.07 -0.07	42.97 -0.08 -1.93	42.75 -0.11 -2.00	43.67 -0.19 -2.15	36.62 -0.16 -0.63	33.98 -0.18 0.00	36.72 -0.25 0.00	38.75 -0.45 0.23	46.11 -0.61 0.00	50.75 -0.70 0.00	69.33 -1.01 5.17	52.83 -0.65 0.93	29.44 -0.30 0.00	34.64 -0.41 0.00	38.18 -0.40 0.03	35.32 -0.42 1.80	35.67 -0.40 0.07	40.46 -0.34 0.72
SYRACUSE___POWER 24017	35.96 0.04 0.24	35.68 -0.12 0.00	31.27 -0.11 0.67	31.64 -0.09 0.00	31.64 -0.09 0.00	34.21 -0.07 0.24	37.28 -0.07 -0.05	42.35 -0.05 -1.27	42.12 -0.06 -1.31	42.99 -0.12 -1.41	36.45 -0.12 -0.41	34.01 -0.15 0.00	36.76 -0.21 0.00	38.84 -0.39 0.21	46.17 -0.55 0.00	50.81 -0.65 0.00	69.90 -0.93 4.68	52.97 -0.59 0.84	29.47 -0.27 0.00	34.68 -0.37 0.00	38.22 -0.36 0.03	35.53 -0.39 1.63	35.71 -0.37 0.06	41.17 -0.35 0.00
TALLMAN__138KV_BK151 55660	39.22 2.84 -0.22	38.48 2.67 0.00	35.01 2.36 -0.60	33.95 2.22 0.00	33.96 2.23 0.00	37.26 2.51 -0.22	40.27 2.97 0.00	44.56 3.44 0.00	44.47 3.61 0.00	45.64 3.94 0.00	38.37 3.67 1.46	64.03 3.78 -26.09	50.36 4.06 -9.32	88.30 4.18 -44.69	149.80 5.19 -97.88	92.59 5.60 -35.53	161.81 8.41 -77.90	148.42 5.72 -88.30	108.81 2.68 -76.39	81.81 3.06 -43.70	60.87 3.37 -18.89	42.31 3.31 -1.46	39.20 3.01 -0.06	44.41 2.90 0.00
TEALLAVE_115KV_TB7 355573	35.78 -0.17 0.21	35.47 -0.33 0.00	31.17 -0.30 0.58	31.46 -0.27 0.00	31.45 -0.28 0.00	34.04 -0.28 0.21	37.02 -0.32 -0.04	41.86 -0.30 -1.04	41.61 -0.33 -1.08	42.47 -0.39 -1.16	36.14 -0.35 -0.34	33.81 -0.36 0.00	36.52 -0.45 0.00	38.62 -0.64 0.18	45.88 -0.84 0.00	50.51 -0.94 0.00	70.13 -1.35 4.02	52.77 -0.91 0.73	29.30 -0.45 0.00	34.47 -0.58 0.00	37.98 -0.60 0.02	35.51 -0.63 1.40	35.51 -0.57 0.05	40.97 -0.54 0.00
TELGRAPH_34_KV_EAST 80808	22.60 -1.32 12.24	22.38 -1.79 11.63	17.83 -1.71 12.51	19.09 -1.61 11.03	19.07 -1.61 11.05	20.83 -1.74 11.96	23.77 -1.99 11.54	27.42 -1.99 11.71	37.02 -2.57 1.27	38.58 -2.79 0.34	33.00 -2.45 0.71	31.83 -2.33 0.00	33.90 -3.08 0.00	35.24 -3.26 0.93	37.70 -3.88 5.15	45.13 -4.06 2.26	54.91 -5.93 14.66	47.58 -4.35 2.47	26.86 -2.43 0.45	31.01 -3.11 0.94	34.47 -2.98 1.16	28.98 -2.95 5.62	33.30 -2.65 0.19	35.86 -2.64 3.02

TEMPLE___115KV_TB 2 55572	35.80 -0.15 0.21	35.50 -0.31 0.00	31.19 -0.27 0.58	31.48 -0.25 0.00	31.47 -0.26 0.00	34.06 -0.25 0.21	37.05 -0.28 -0.04	41.89 -0.27 -1.04	41.63 -0.30 -1.08	42.50 -0.36 -1.15	36.18 -0.32 -0.34	33.84 -0.33 0.00	36.56 -0.42 0.00	38.65 -0.61 0.18	45.93 -0.79 0.00	50.56 -0.89 0.00	70.19 -1.27 4.04	52.81 -0.86 0.73	29.32 -0.43 0.00	34.49 -0.56 0.00	38.00 -0.58 0.02	35.53 -0.61 1.41	35.52 -0.56 0.05	40.98 -0.53 0.00
TIANA___69_KV_BK 1 55817	46.31 4.01 -6.13	39.68 3.88 0.00	35.98 3.35 -0.57	34.88 3.15 0.00	35.15 3.43 0.00	38.60 3.87 -0.21	41.68 4.38 0.00	46.08 4.95 0.00	46.02 5.09 -0.06	47.48 5.12 -0.66	80.61 4.86 -39.60	62.03 4.37 -23.50	87.11 4.70 -45.43	105.16 4.88 -60.84	244.29 5.92 -191.65	437.87 6.27 -380.15	459.08 9.43 -374.14	408.50 6.33 -347.77	375.70 3.26 -342.69	105.22 4.02 -66.14	101.37 4.90 -57.87	100.78 4.62 -58.62	369.29 4.09 -329.06	45.39 3.88 0.00
TILDEN___115KV_TB1 80814	35.96 0.04 0.24	35.68 -0.12 0.00	31.27 -0.11 0.67	31.64 -0.09 0.00	31.64 -0.09 0.00	34.21 -0.07 0.24	37.28 -0.07 -0.05	42.35 -0.05 -1.27	42.12 -0.06 -1.31	42.99 -0.12 -1.41	36.45 -0.12 -0.41	34.01 -0.15 0.00	36.76 -0.21 0.00	38.84 -0.39 0.21	46.17 -0.55 0.00	50.81 -0.65 0.00	69.90 -0.93 4.68	52.97 -0.59 0.84	29.47 -0.27 0.00	34.68 -0.37 0.00	38.22 -0.36 0.03	35.53 -0.39 1.63	35.71 -0.37 0.06	41.17 -0.35 0.00
TRIGEN___CC 323695	45.82 3.52 -6.13	39.11 3.30 0.00	35.49 2.87 -0.57	34.43 2.70 0.00	34.50 2.78 0.00	37.84 3.11 -0.21	40.95 3.65 0.00	45.33 4.20 0.00	45.31 4.39 -0.06	47.05 4.69 -0.66	113.83 4.31 -73.37	98.20 4.36 -59.68	175.15 4.75 -133.42	197.80 4.86 -153.50	306.99 5.93 -254.33	453.08 6.37 -395.25	476.23 9.49 -391.24	425.01 6.44 -364.16	404.82 3.15 -371.93	209.74 3.65 -171.04	165.87 4.04 -123.22	165.89 4.03 -124.32	395.35 3.65 -355.56	44.84 3.32 0.00
TRINITY___115KV___ 4 BK 55933	37.24 1.08 0.00	36.99 1.18 0.00	33.18 1.12 0.00	32.83 1.09 0.00	32.80 1.07 0.00	35.67 1.15 0.00	38.55 1.25 0.00	42.37 1.25 0.00	41.92 1.25 0.00	42.89 1.19 0.00	37.26 1.10 0.00	35.27 1.11 0.00	38.13 1.15 0.00	40.50 1.06 0.00	48.07 1.35 0.00	52.86 1.40 0.00	77.65 2.15 0.00	58.63 1.42 -2.80	31.02 0.71 -0.57	35.91 0.86 0.00	39.61 1.00 0.00	38.54 1.00 0.00	37.11 0.98 0.00	42.49 0.99 0.00
UNION___PROCESSING_DRP 323587	35.12 -0.51 0.54	34.95 -0.85 0.00	29.71 -0.86 1.48	30.93 -0.80 0.00	30.92 -0.80 0.00	33.13 -0.86 0.54	36.33 -0.98 -0.02	40.13 -1.01 -0.02	39.60 -1.26 0.00	40.37 -1.33 0.00	34.96 -1.20 0.00	33.04 -1.13 0.00	35.44 -1.53 0.00	37.25 -1.73 0.46	44.56 -2.17 -0.01	49.27 -2.19 0.00	62.12 -3.13 10.26	50.31 -2.25 1.85	28.49 -1.25 0.00	33.43 -1.63 0.00	37.05 -1.50 0.05	32.42 -1.55 3.57	34.58 -1.41 0.14	37.90 -1.42 2.19
UPPER HUDSON___HYD 24058	38.72 2.56 0.00	38.39 2.59 0.00	34.36 2.31 0.00	34.00 2.27 0.00	33.99 2.27 0.00	37.16 2.63 0.00	40.32 3.02 0.00	44.46 3.34 0.00	44.06 3.20 0.00	45.25 3.55 0.00	39.01 2.85 0.00	36.80 2.63 0.00	39.76 2.78 0.00	42.06 2.63 0.00	49.80 3.08 0.00	54.94 3.48 0.00	80.84 5.33 0.00	60.78 3.93 -2.44	32.47 2.23 -0.50	37.62 2.56 0.00	41.48 2.88 0.00	40.42 2.87 0.00	38.74 2.61 0.00	44.29 2.78 0.00
UPPER RAQUET___HYD 24056	25.95 -1.67 8.55	16.76 -1.55 17.50	14.06 -1.49 16.50	13.82 -1.50 16.41	13.87 -1.44 16.42	17.20 -1.67 15.66	14.66 -2.07 20.57	16.80 -2.35 21.98	20.51 -2.23 18.12	17.16 -2.43 22.12	15.34 -2.45 18.36	12.28 -2.50 19.39	14.07 -2.73 20.18	15.95 -2.60 20.88	20.52 -3.14 23.07	24.78 -3.35 23.33	40.62 -4.92 29.97	26.12 -3.06 25.22	9.95 -1.57 18.22	18.78 -1.51 14.77	31.96 -1.29 5.35	30.24 -1.28 6.03	34.90 -1.24 0.00	40.38 -1.13 0.00
VALLEY44_115KV_TB2 355964	19.24 -1.27 15.65	19.19 -1.73 14.89	14.44 -1.58 16.03	16.17 -1.46 14.10	16.19 -1.41 14.12	17.75 -1.48 15.29	20.93 -1.49 14.87	24.60 -1.36 15.16	37.62 -1.55 1.69	39.52 -1.73 0.45	33.72 -1.50 0.94	32.81 -1.36 0.00	35.34 -1.64 0.00	36.24 -1.97 1.22	37.57 -2.33 6.82	45.79 -2.68 2.99	52.33 -4.24 18.93	47.96 -3.23 3.21	27.35 -1.80 0.60	31.52 -2.31 1.23	34.70 -2.37 1.54	27.78 -2.43 7.33	33.62 -2.27 0.24	35.23 -2.52 3.77
VALLEY___115KV_TB 1-4 80826	39.79 1.87 -1.75	41.31 1.93 -3.57	37.31 1.88 -3.37	36.92 1.84 -3.35	36.84 1.76 -3.35	39.47 1.80 -3.15	42.62 1.76 -3.57	46.93 2.00 -3.81	46.07 2.06 -3.14	47.40 1.86 -3.84	40.86 1.51 -3.19	38.67 1.15 -3.36	42.06 1.59 -3.50	44.71 1.65 -3.62	52.71 1.98 -4.00	57.19 1.68 -4.05	83.49 2.76 -5.22	60.65 1.87 -4.38	34.14 1.23 -3.16	39.31 1.67 -2.58	41.52 1.82 -1.10	40.52 1.74 -1.23	37.77 1.63 0.00	43.03 1.52 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	38.31 1.53 -0.62	37.25 1.45 0.00	35.07 1.31 -1.71	33.20 1.47 0.00	33.13 1.41 0.00	36.67 1.53 -0.62	38.88 1.58 -0.01	43.42 1.94 -0.36	43.20 1.96 -0.37	44.16 2.06 -0.40	38.10 1.82 -0.12	35.62 1.45 0.00	38.52 1.55 0.00	41.38 1.42 -0.53	48.98 2.25 0.00	53.99 2.53 0.00	91.29 3.94 -11.85	54.15 2.72 2.97	19.75 1.41 11.41	30.42 1.63 6.27	37.79 1.82 2.64	43.40 1.72 -4.13	37.86 1.56 -0.16	44.91 1.49 -1.91
VISCHER___FERRY HYD 24020	37.73 1.57 0.00	37.46 1.66 0.00	33.58 1.53 0.00	33.22 1.49 0.00	33.20 1.48 0.00	36.15 1.62 0.00	39.11 1.81 0.00	43.03 1.91 0.00	42.73 1.86 0.00	43.72 2.01 0.00	37.90 1.74 0.00	35.80 1.64 0.00	38.70 1.73 0.00	41.11 1.68 0.00	48.82 2.09 0.00	53.66 2.20 0.00	78.81 3.31 0.00	59.37 2.26 -2.71	31.50 1.20 -0.55	36.50 1.45 0.00	40.26 1.65 0.00	39.18 1.64 0.00	37.73 1.59 0.00	43.09 1.58 0.00
V_A_10_SYNC_DSASP 323832	23.56 -1.84 10.76	23.41 -2.21 10.18	18.89 -2.06 11.10	20.12 -1.96 9.65	20.10 -1.96 9.67	21.88 -2.13 10.52	24.66 -2.39 10.25	28.22 -2.48 10.43	36.90 -2.84 1.12	38.47 -2.94 0.30	33.00 -2.53 0.63	31.82 -2.34 0.00	34.10 -2.88 0.00	35.41 -3.16 0.86	38.34 -3.86 4.53	45.44 -4.04 1.97	55.77 -5.87 13.87	47.69 -4.38 2.34	26.84 -2.50 0.40	31.06 -3.19 0.80	34.46 -3.12 1.03	29.09 -3.19 5.27	33.12 -2.84 0.18	35.81 -2.88 2.82
V_CMM_10_SYNC_DSASP 323787	32.65 -0.80 2.71	29.56 -0.69 5.56	26.09 -0.72 5.24	25.80 -0.72 5.21	25.85 -0.66 5.21	28.89 -0.73 4.92	30.65 -0.77 5.88	33.92 -0.93 6.28	34.92 -0.76 5.18	34.50 -0.88 6.32	29.98 -0.93 5.25	27.64 -0.98 5.54	30.18 -1.03 5.77	32.64 -0.82 5.97	39.10 -1.03 6.60	43.78 -1.01 6.67	65.25 -1.69 8.56	46.35 -0.85 7.21	24.18 -0.35 5.21	30.49 -0.32 4.24	36.69 -0.21 1.70	35.40 -0.23 1.91	35.83 -0.31 0.00	41.16 -0.35 0.00
V_CMP_10_SYNC_DSASP 323788	33.30 -0.62 2.25	30.75 -0.45 4.60	27.18 -0.53 4.34	26.87 -0.55 4.31	26.99 -0.42 4.32	30.32 -0.25 3.96	33.71 -0.17 3.42	37.26 -0.22 3.65	37.79 -0.06 3.01	47.73 -0.09 -6.11	32.63 -0.48 3.05	30.18 -0.77 3.22	32.91 -0.71 3.35	35.68 -0.28 3.47	42.62 -0.28 3.83	47.37 -0.22 3.87	70.03 -0.50 4.97	50.03 -0.19 4.19	26.67 -0.05 3.02	33.05 0.50 2.51	38.01 0.81 1.41	36.70 0.74 1.59	36.59 0.45 0.00	41.97 0.45 0.00



V_D_10_SYNC_DSASP 323841	31.73 -0.79 3.65	27.73 -0.62 7.46	24.35 -0.67 7.03	24.07 -0.67 6.99	24.11 -0.62 7.00	27.21 -0.68 6.63	28.31 -0.77 8.22	31.42 -0.92 8.78	32.85 -0.77 7.24	31.96 -0.90 8.84	27.82 -1.00 7.34	25.36 -1.05 7.75	27.79 -1.12 8.06	30.18 -0.91 8.34	36.38 -1.13 9.22	41.01 -1.12 9.32	61.69 -1.84 11.98	43.35 -0.98 10.08	22.03 -0.43 7.28	28.82 -0.32 5.92	36.15 -0.17 2.28	34.78 -0.19 2.57	35.87 -0.26 0.00	41.26 -0.25 0.00
V_E_10_SYNC_DSASP 323830	40.93 1.96 -2.80	40.11 1.82 -2.48	36.97 1.68 -3.24	35.96 1.89 -2.34	36.11 2.05 -2.34	39.69 2.43 -2.73	42.37 2.58 -2.49	46.84 2.46 -3.25	44.19 2.30 -1.04	44.53 1.93 -0.89	38.43 1.89 -0.39	35.81 1.65 0.00	38.44 1.46 0.00	41.54 1.73 -0.38	49.74 1.93 -1.09	54.11 2.18 -0.47	86.15 3.51 -7.13	53.81 3.22 3.81	20.56 1.85 11.04	31.17 2.04 5.91	38.96 2.73 2.37	42.36 2.23 -2.59	38.08 1.85 -0.09	44.14 1.38 -1.25
V_F_30_NSYNC___DSASP 323816	38.31 2.15 0.00	37.97 2.16 0.00	34.01 1.96 0.00	33.66 1.93 0.00	33.64 1.92 0.00	36.68 2.16 0.00	39.71 2.42 0.00	43.75 2.62 0.00	43.42 2.56 0.00	44.47 2.77 0.00	38.45 2.30 0.00	36.33 2.17 0.00	39.24 2.26 0.00	41.66 2.22 0.00	49.38 2.66 0.00	54.40 2.95 0.00	79.92 4.42 0.00	60.07 3.19 -2.48	31.99 1.74 -0.51	37.11 2.05 0.00	40.90 2.30 0.00	39.80 2.25 0.00	38.25 2.11 0.00	43.69 2.18 0.00
V_F_30_SYNC_DSASP 323786	37.41 1.25 0.00	37.16 1.35 0.00	33.31 1.26 0.00	32.96 1.23 0.00	32.94 1.21 0.00	35.84 1.31 0.00	38.73 1.44 0.00	42.59 1.46 0.00	42.16 1.30 0.00	43.13 1.43 0.00	37.48 1.33 0.00	35.47 1.30 0.00	38.34 1.36 0.00	40.72 1.29 0.00	48.31 1.58 0.00	53.13 1.68 0.00	78.07 2.57 0.00	58.86 1.72 -2.73	31.17 0.87 -0.56	36.08 1.02 0.00	39.77 1.16 0.00	38.69 1.15 0.00	37.24 1.10 0.00	42.65 1.14 0.00
V_XM_10_SYNC_DSASP 323789	33.30 -0.62 2.25	30.75 -0.45 4.60	27.18 -0.53 4.34	26.87 -0.55 4.31	26.99 -0.42 4.32	30.32 -0.25 3.96	33.71 -0.17 3.42	37.26 -0.22 3.65	37.79 -0.06 3.01	47.73 -0.09 -6.11	32.63 -0.48 3.05	30.18 -0.77 3.22	32.91 -0.71 3.35	35.68 -0.28 3.47	42.62 -0.28 3.83	47.37 -0.22 3.87	70.03 -0.50 4.97	50.03 -0.19 4.19	26.67 -0.05 3.02	33.05 0.50 2.51	38.01 0.81 1.41	36.70 0.74 1.59	36.59 0.45 0.00	41.97 0.45 0.00
W.BABYLN_69_KV_BK1 56697	46.62 4.32 -6.13	39.86 4.05 0.00	36.14 3.52 -0.57	35.04 3.31 0.00	35.16 3.43 0.00	38.59 3.86 -0.21	41.80 4.50 0.00	46.26 5.13 0.00	46.21 5.29 -0.06	47.87 5.51 -0.66	89.46 5.08 -48.22	71.89 5.00 -32.73	110.29 5.41 -67.90	129.53 6.80 -84.50	261.18 7.37 -207.65	442.83 7.37 -384.00	465.10 7.53 -378.51	413.88 3.85 -351.95	383.75 4.47 -350.16	132.46 5.03 -92.93	118.19 4.90 -74.56	117.84 4.41 -75.39	376.37 4.41 -335.83	45.57 4.06 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	39.34 2.96 -0.22	38.60 2.80 0.00	35.12 2.48 -0.60	34.07 2.33 0.00	34.08 2.36 0.00	37.37 2.63 -0.22	40.41 3.12 0.00	44.73 3.60 0.00	44.63 3.77 0.00	45.81 4.11 0.00	37.86 3.83 2.12	57.79 3.92 -19.71	47.93 4.22 -6.74	77.92 4.34 -34.15	127.27 5.40 -75.15	84.57 5.83 -27.28	144.98 8.75 -60.73	129.34 5.96 -68.97	94.37 2.81 -61.82	73.60 3.20 -35.35	57.42 3.53 -15.28	42.45 3.46 -1.44	39.35 3.15 -0.06	44.56 3.04 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	39.70 3.33 -0.21	38.96 3.16 0.00	35.43 2.81 -0.57	34.39 2.66 0.00	34.40 2.67 0.00	37.68 2.95 -0.21	40.78 3.48 0.00	45.20 4.07 0.00	45.19 4.33 0.00	46.43 4.73 0.00	71.52 4.37 -30.99	60.13 4.37 -21.60	58.88 4.70 -17.20	69.76 4.81 -25.51	94.40 5.87 -41.80	81.51 6.34 -23.72	142.92 9.41 -58.00	111.74 6.38 -50.95	75.06 2.91 -42.42	61.90 3.32 -23.52	52.50 3.72 -10.17	42.68 3.75 -1.38	39.63 3.44 -0.05	44.75 3.24 0.00
W50THST__13_KV_LOAD 356117	39.98 3.61 -0.21	39.21 3.41 0.00	35.66 3.04 -0.57	34.60 2.88 0.00	34.62 2.90 0.00	37.93 3.20 -0.21	41.07 3.78 0.00	45.57 4.44 0.00	45.60 4.73 0.00	46.89 5.18 0.00	71.91 4.76 -30.99	60.50 4.73 -21.60	59.27 5.09 -17.20	70.16 5.21 -25.51	94.88 6.35 -41.80	82.03 6.85 -23.72	143.68 10.17 -58.00	112.29 6.93 -50.95	75.31 3.15 -42.42	62.16 3.58 -23.52	52.77 3.99 -10.17	42.95 4.02 -1.38	39.91 3.71 -0.05	45.02 3.51 0.00
WADING RIVER_IC_1 23522	46.22 3.92 -6.13	39.65 3.84 0.00	35.94 3.31 -0.57	34.85 3.12 0.00	35.15 3.43 0.00	38.59 3.86 -0.21	41.60 4.31 0.00	46.00 4.87 0.00	45.93 5.01 -0.06	47.33 4.97 -0.66	80.49 4.77 -39.57	61.76 4.13 -23.46	86.76 4.43 -45.36	104.77 4.58 -60.76	243.84 5.52 -191.59	437.45 5.86 -380.13	458.43 8.81 -374.13	408.04 5.88 -347.75	375.44 3.03 -342.67	104.79 3.69 -66.05	101.08 4.66 -57.81	100.52 4.42 -58.56	369.08 3.91 -329.04	45.16 3.65 0.00
WADING RIVER_IC_2 23547	46.22 3.92 -6.13	39.65 3.84 0.00	35.94 3.31 -0.57	34.85 3.12 0.00	35.15 3.43 0.00	38.59 3.86 -0.21	41.60 4.31 0.00	46.00 4.87 0.00	45.93 5.01 -0.06	47.33 4.97 -0.66	80.49 4.77 -39.57	61.76 4.13 -23.46	86.76 4.43 -45.36	104.77 4.58 -60.76	243.84 5.52 -191.59	437.45 5.86 -380.13	458.43 8.81 -374.13	408.04 5.88 -347.75	375.44 3.03 -342.67	104.79 3.69 -66.05	101.08 4.66 -57.81	100.52 4.42 -58.56	369.08 3.91 -329.04	45.16 3.65 0.00
WADING RIVER_IC_3 23601	46.22 3.92 -6.13	39.65 3.84 0.00	35.94 3.31 -0.57	34.85 3.12 0.00	35.15 3.43 0.00	38.59 3.86 -0.21	41.60 4.31 0.00	46.00 4.87 0.00	45.93 5.01 -0.06	47.33 4.97 -0.66	80.49 4.77 -39.57	61.76 4.13 -23.46	86.76 4.43 -45.36	104.77 4.58 -60.76	243.84 5.52 -191.59	437.45 5.86 -380.13	458.43 8.81 -374.13	408.04 5.88 -347.75	375.44 3.03 -342.67	104.79 3.69 -66.05	101.08 4.66 -57.81	100.52 4.42 -58.56	369.08 3.91 -329.04	45.16 3.65 0.00
WALDENNY_12_KV_BK2 80841	15.93 -1.60 18.63	15.76 -2.07 17.97	11.50 -1.95 18.60	12.83 -1.86 17.03	12.79 -1.87 17.06	14.32 -2.00 18.20	17.18 -2.18 17.94	20.78 -2.07 18.27	36.52 -2.32 2.03	38.69 -2.47 0.54	32.89 -2.14 1.13	32.23 -1.94 0.00	34.49 -2.48 0.00	35.44 -2.76 1.24	35.20 -3.31 8.22	44.37 -3.48 3.60	52.54 -5.34 17.62	47.61 -3.86 2.93	26.81 -2.21 0.72	30.66 -2.91 1.48	33.95 -2.84 1.82	27.67 -2.86 7.01	33.36 -2.56 0.22	35.28 -2.62 3.61
WALDEN___HYDRO 24148	39.30 2.91 -0.22	38.53 2.73 0.00	35.08 2.43 -0.61	34.03 2.30 0.00	34.03 2.30 0.00	37.31 2.57 -0.22	40.31 3.01 0.00	44.61 3.49 0.00	44.46 3.60 0.00	45.56 3.86 0.00	39.89 3.56 -0.18	50.82 3.68 -12.97	45.88 4.02 -4.89	65.39 4.07 -21.90	99.13 5.05 -47.36	74.22 5.57 -17.19	123.94 8.57 -39.86	96.06 5.78 -35.87	58.55 2.84 -25.98	53.65 3.20 -15.40	48.77 3.50 -6.67	42.41 3.40 -1.46	39.26 3.07 -0.06	44.46 2.95 0.00
WARRENSBURG____ 23737	38.72 2.56 0.00	38.39 2.59 0.00	34.36 2.31 0.00	33.99 2.27 0.00	33.99 2.27 0.00	37.16 2.63 0.00	40.32 3.02 0.00	44.46 3.34 0.00	44.06 3.20 0.00	45.25 3.55 0.00	39.01 2.85 0.00	36.80 2.64 0.00	39.76 2.79 0.00	42.07 2.63 0.00	49.80 3.08 0.00	54.95 3.49 0.00	80.84 5.34 0.00	60.78 3.93 -2.44	32.47 2.23 -0.50	37.62 2.57 0.00	41.48 2.87 0.00	40.43 2.88 0.00	38.75 2.61 0.00	44.29 2.78 0.00

WATERSIDE___6 8 9 23538	39.63 3.27 -0.21	38.88 3.07 0.00	35.38 2.76 -0.57	34.34 2.61 0.00	34.35 2.63 0.00	37.61 2.88 -0.21	40.68 3.38 0.00	45.06 3.93 0.00	45.04 4.18 0.00	46.28 4.58 0.00	68.79 4.24 -28.40	59.12 4.19 -20.76	57.68 4.54 -16.16	68.95 4.54 -24.98	94.01 5.54 -41.74	70.37 6.15 -12.77	112.33 9.15 -27.68	98.51 6.24 -37.86	75.19 2.73 -42.72	61.72 3.15 -23.52	52.39 3.60 -10.19	42.63 3.70 -1.38	39.55 3.36 -0.05	44.59 3.08 0.00
WATKINRD_115KV_LN8_ILLION 55919	40.90 2.99 -1.75	42.39 3.01 -3.57	38.32 2.90 -3.37	37.90 2.82 -3.35	37.83 2.75 -3.35	40.56 2.89 -3.15	43.77 2.90 -3.57	48.21 3.27 -3.81	47.28 3.28 -3.14	48.59 3.05 -3.84	41.93 2.59 -3.19	39.53 2.00 -3.36	43.03 2.55 -3.50	45.72 2.66 -3.62	54.06 3.34 -4.00	58.42 2.92 -4.05	85.40 4.67 -5.22	61.93 3.15 -4.38	34.93 2.03 -3.16	40.31 2.67 -2.58	42.63 2.93 -1.10	41.58 2.80 -1.23	38.76 2.62 0.00	43.96 2.45 0.00
WDELAWARE___HYD 323627	39.24 2.81 -0.26	38.60 2.79 0.00	35.26 2.49 -0.72	34.12 2.39 0.00	34.14 2.42 0.00	37.48 2.70 -0.26	40.42 3.13 0.00	44.75 3.63 0.00	44.54 3.68 0.00	45.62 3.92 0.00	39.21 3.62 0.57	37.64 3.66 0.19	40.65 3.91 0.24	42.60 3.06 -0.11	50.64 3.92 0.00	55.87 4.41 0.00	87.28 6.79 -4.99	54.61 4.52 4.31	30.80 2.11 1.06	36.75 1.69 0.00	40.65 2.01 -0.03	42.02 2.73 -1.74	38.59 2.38 -0.07	43.66 2.15 0.00
WEST BABYLON___IC 23714	46.62 4.32 -6.13	39.86 4.05 0.00	36.14 3.52 -0.57	35.04 3.31 0.00	35.16 3.43 0.00	38.59 3.86 -0.21	41.80 4.50 0.00	46.26 5.13 0.00	46.21 5.29 -0.06	47.87 5.51 -0.66	89.46 5.08 -48.22	71.89 5.00 -32.73	110.29 5.41 -67.90	129.53 5.59 -84.50	261.18 6.80 -207.65	442.83 7.37 -384.00	465.10 11.09 -378.51	413.88 7.53 -351.95	383.75 3.85 -350.16	132.46 4.47 -92.93	118.19 5.03 -74.56	117.84 4.90 -75.39	376.37 4.41 -335.83	45.57 4.06 0.00
WEST CANADA___HYD 24049	38.17 0.26 -1.75	39.62 0.24 -3.57	35.66 0.23 -3.37	35.33 0.25 -3.35	35.32 0.23 -3.35	37.94 0.26 -3.15	41.15 0.28 -3.57	45.26 0.32 -3.81	44.33 0.33 -3.14	45.88 0.34 -3.84	39.63 0.29 -3.19	37.80 0.27 -3.36	40.77 0.29 -3.50	43.31 0.26 -3.62	51.05 0.32 -4.00	55.84 0.33 -4.05	81.21 0.49 -5.22	59.10 0.32 -4.38	33.08 0.17 -3.16	37.85 0.21 -2.58	39.94 0.24 -1.10	39.00 0.23 -1.23	36.38 0.24 0.00	41.76 0.25 0.00
WESTERN_NY_WIND 24143	25.05 -0.49 10.62	24.79 -0.99 10.03	20.05 -1.01 10.98	21.28 -0.94 9.51	21.26 -0.93 9.53	23.17 -0.97 10.38	26.21 -1.14 9.95	30.01 -1.02 10.09	38.16 -1.61 1.09	39.58 -1.84 0.29	33.93 -1.61 0.61	32.48 -1.68 0.00	34.49 -2.48 0.00	35.83 -2.74 0.86	39.09 -3.20 4.43	46.27 -3.24 1.95	56.65 -4.87 13.98	48.78 -3.25 2.37	27.61 -1.75 0.39	31.97 -2.27 0.81	35.58 -2.02 1.01	30.23 -2.00 5.31	34.14 -1.82 0.18	36.84 -1.78 2.89
WESTOVER___LESR 323668	38.53 0.41 -1.96	35.95 0.14 0.00	37.61 0.17 -5.39	31.95 0.21 0.00	31.99 0.27 0.00	36.81 0.32 -1.96	37.71 0.39 -0.03	42.43 0.57 -0.74	42.23 0.60 -0.77	43.09 0.57 -0.83	36.96 0.56 -0.24	34.76 0.60 0.00	37.57 0.60 0.00	41.56 0.45 -1.68	47.26 0.53 0.00	52.01 0.56 0.00	113.63 0.70 -37.43	57.79 0.42 -2.97	21.50 0.23 8.47	30.57 0.18 4.66	37.01 0.21 1.81	50.69 0.10 -13.05	36.76 0.11 -0.51	48.70 -0.08 -7.27
WETHRSFD_WT_PWR 323626	-15.35 -2.05 49.46	-15.42 -2.34 48.89	-17.32 -2.19 47.18	-16.79 -2.16 46.36	-16.88 -2.15 46.45	-16.14 -2.35 48.31	-14.06 -2.35 49.01	-10.60 -2.14 49.59	33.54 -2.18 5.15	38.29 -2.29 1.12	31.27 -1.94 2.95	32.42 -1.75 0.00	34.76 -2.21 0.00	34.48 -2.68 2.28	21.36 -3.25 22.11	38.44 -3.35 9.67	46.44 -5.02 24.05	45.05 -3.57 5.79	25.47 -1.89 2.39	28.59 -2.51 3.96	31.35 -2.48 4.77	24.43 -2.51 10.61	33.58 -2.28 0.27	34.07 -2.47 4.97
WHAVSTOR_138KV_BK127 55557	39.14 2.76 -0.22	38.42 2.62 0.00	34.97 2.32 -0.59	33.92 2.19 0.00	33.93 2.21 0.00	37.21 2.47 -0.22	40.22 2.92 0.00	44.48 3.35 0.00	44.38 3.51 0.00	45.52 3.82 0.00	37.49 3.58 2.24	56.43 3.66 -18.60	47.20 3.93 -6.29	75.79 4.02 -32.33	122.94 4.99 -71.22	82.69 5.38 -25.85	141.38 8.11 -57.77	125.59 5.51 -65.67	91.67 2.57 -59.36	71.91 2.93 -33.93	56.52 3.24 -14.67	42.21 3.23 -1.44	39.14 2.94 -0.06	44.34 2.82 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	39.14 2.76 -0.22	38.42 2.62 0.00	34.97 2.32 -0.59	33.92 2.19 0.00	33.93 2.21 0.00	37.21 2.47 -0.22	40.22 2.92 0.00	44.48 3.35 0.00	44.38 3.51 0.00	45.52 3.82 0.00	37.49 3.58 2.24	56.43 3.66 -18.60	47.20 3.93 -6.29	75.79 4.02 -32.33	122.94 4.99 -71.22	82.69 5.38 -25.85	141.38 8.11 -57.77	125.59 5.51 -65.67	91.67 2.57 -59.36	71.91 2.93 -33.93	56.52 3.24 -14.67	42.21 3.23 -1.44	39.14 2.94 -0.06	44.34 2.82 0.00
WHITEHAL_115KV_TB1 80871	39.36 3.20 0.00	38.90 3.09 0.00	34.73 2.67 0.00	34.28 2.55 0.00	34.33 2.60 0.00	37.95 3.43 0.00	41.49 4.20 0.00	45.85 4.73 0.00	45.23 4.37 0.00	46.72 5.02 0.00	39.65 3.50 0.00	37.21 3.05 0.00	40.30 3.32 0.00	42.37 2.93 0.00	50.54 3.81 0.00	55.81 4.36 0.00	82.21 6.70 0.00	61.98 5.11 -2.46	33.48 3.24 -0.50	38.65 3.59 0.00	42.72 4.11 0.00	41.74 4.20 0.00	39.86 3.72 0.00	45.32 3.81 0.00
WHITEPLN_13_KV_LOAD 356215	39.81 3.43 -0.21	39.04 3.24 0.00	35.48 2.86 -0.57	34.44 2.71 0.00	34.45 2.73 0.00	37.77 3.03 -0.21	40.86 3.57 0.00	45.31 4.18 0.00	45.25 4.38 0.00	46.45 4.74 0.00	35.80 4.40 4.75	48.82 4.43 -10.22	44.20 4.81 -2.42	63.48 4.96 -19.08	96.23 6.11 -43.39	73.89 6.68 -15.75	122.15 9.98 -36.66	103.39 6.80 -42.19	75.02 3.23 -42.05	62.72 3.67 -24.00	53.02 4.03 -10.38	42.88 3.95 -1.39	39.78 3.58 -0.05	44.98 3.47 0.00
WM_FLOYD_69_KV_BK2 356380	46.42 4.13 -6.13	39.78 3.97 0.00	36.05 3.43 -0.57	34.95 3.22 0.00	35.19 3.46 0.00	38.63 3.90 -0.21	41.73 4.43 0.00	46.14 5.01 0.00	46.06 5.13 -0.06	47.53 5.17 -0.66	80.74 4.86 -39.73	62.26 4.46 -23.63	87.54 4.79 -45.77	105.60 4.97 -61.19	244.59 5.98 -191.89	438.04 6.38 -380.20	459.26 9.55 -374.20	408.67 6.43 -347.83	375.88 3.33 -342.81	105.64 4.04 -66.54	101.59 4.86 -58.12	101.01 4.60 -58.87	369.39 4.09 -329.16	45.35 3.84 0.00
WOODARD__115KV_TB2 355635	35.69 -0.24 0.23	35.42 -0.38 0.00	31.09 -0.34 0.62	31.41 -0.32 0.00	31.40 -0.33 0.00	33.97 -0.33 0.23	36.97 -0.38 -0.05	42.13 -0.38 -1.39	41.89 -0.41 -1.44	42.78 -0.48 -1.55	36.19 -0.42 -0.45	33.73 -0.43 0.00	36.46 -0.52 0.00	38.53 -0.71 0.19	45.81 -0.92 0.00	50.43 -1.03 0.00	69.70 -1.47 4.33	52.64 -0.99 0.78	29.25 -0.49 0.00	34.42 -0.63 0.00	37.92 -0.66 0.02	35.36 -0.68 1.51	35.45 -0.62 0.06	40.93 -0.58 0.00
YORK___WARBASSE 23770	39.71 3.34 -0.21	38.94 3.13 0.00	35.45 2.82 -0.57	34.40 2.68 0.00	34.41 2.69 0.00	37.70 2.97 -0.21	40.79 3.50 0.00	45.18 4.05 0.00	45.16 4.30 0.00	46.43 4.73 0.00	69.26 4.50 -28.61	59.60 4.42 -21.02	58.32 4.81 -16.53	69.26 4.76 -25.06	94.14 5.68 -41.74	74.34 6.46 -16.42	113.79 9.58 -28.71	102.20 6.57 -41.22	75.22 2.76 -42.72	61.92 3.29 -23.58	52.71 3.77 -10.33	42.75 3.82 -1.38	39.67 3.48 -0.05	44.72 3.21 0.00