

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

02/01/2024

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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	24.06	24.13	24.74	27.38	27.18	33.81	41.80	48.59	109.68	55.72	36.22	41.91	36.85	35.69	38.07	39.02	38.87	40.64	63.34	37.96	31.54	26.04	30.43	27.19
24138	1.22	1.19	1.21	1.33	1.38	1.75	2.27	2.92	6.84	3.31	2.18	2.39	2.14	2.02	2.28	2.25	2.15	2.57	4.14	2.21	1.79	1.45	1.55	1.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	24.07	24.13	24.76	27.41	27.21	33.83	41.79	48.56	109.58	55.66	36.18	41.86	36.81	35.65	37.99	38.96	38.83	40.60	63.27	37.95	31.54	26.03	30.42	27.18
24260	1.23	1.19	1.24	1.36	1.41	1.76	2.25	2.88	6.74	3.25	2.14	2.35	2.09	1.98	2.21	2.19	2.10	2.53	4.06	2.20	1.78	1.43	1.54	1.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	24.07	24.13	24.76	27.41	27.21	33.83	41.79	48.56	109.58	55.66	36.18	41.86	36.81	35.65	37.99	38.96	38.83	40.60	63.27	37.95	31.54	26.03	30.42	27.18
24261	1.23	1.19	1.24	1.36	1.41	1.76	2.25	2.88	6.74	3.25	2.14	2.35	2.09	1.98	2.21	2.19	2.10	2.53	4.06	2.20	1.78	1.43	1.54	1.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	23.68	23.90	24.53	27.17	26.95	33.65	41.54	48.29	109.18	55.70	36.17	41.91	36.92	35.65	37.83	38.88	38.80	40.45	62.60	37.66	31.51	26.01	30.56	27.24
24011	0.84	0.96	1.00	1.12	1.14	1.58	2.01	2.62	6.33	3.28	2.13	2.39	2.21	1.98	2.05	2.11	2.08	2.39	3.40	1.91	1.75	1.42	1.69	1.33
	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	23.72	23.99	24.61	27.27	27.05	33.87	41.78	48.59	109.87	56.05	36.43	42.19	37.20	35.92	38.18	39.24	39.14	40.82	63.02	37.92	31.77	26.23	30.79	27.41
23798	0.88	1.05	1.09	1.23	1.24	1.80	2.25	2.91	7.03	3.64	2.39	2.67	2.49	2.26	2.40	2.47	2.42	2.76	3.82	2.17	2.01	1.63	1.91	1.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	23.68	23.90	24.53	27.17	26.95	33.65	41.54	48.29	109.18	55.70	36.17	42.86	37.12	35.69	37.83	38.88	38.80	40.45	62.60	37.66	31.51	26.01	30.56	27.24
24028	0.84	0.96	1.00	1.12	1.14	1.58	2.01	2.62	6.33	3.28	2.13	2.39	2.21	1.98	2.05	2.11	2.08	2.39	3.40	1.91	1.75	1.42	1.69	1.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.95	-0.20	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	24.11	24.22	24.87	27.57	27.34	33.81	41.57	48.20	108.62	55.26	35.80	41.37	36.47	35.25	37.56	38.54	38.23	39.82	61.68	37.14	31.27	25.89	30.38	27.18
23527	1.27	1.28	1.34	1.52	1.53	1.74	2.04	2.52	5.78	2.85	1.75	1.86	1.76	1.58	1.78	1.77	1.51	1.75	2.47	1.39	1.51	1.29	1.51	1.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	23.04	23.09	23.70	26.25	26.03	32.29	39.79	46.17	104.02	52.94	34.33	39.74	34.99	33.86	36.02	36.98	36.85	38.41	59.66	35.93	29.99	24.82	29.10	26.07
24190	0.20	0.15	0.17	0.20	0.22	0.23	0.26	0.50	1.18	0.52	0.29	0.23	0.28	0.19	0.23	0.20	0.13	0.34	0.46	0.18	0.24	0.22	0.23	0.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	23.10	23.29	23.89	26.50	26.19	32.59	40.19	46.38	104.34	53.40	34.66	40.34	35.37	34.27	36.31	37.34	37.28	38.26	59.39	36.02	29.97	24.76	29.17	26.23
355683	0.26	0.35	0.37	0.45	0.38	0.52	0.66	0.71	1.49	0.99	0.62	0.82	0.66	0.61	0.53	0.57	0.56	0.19	0.19	0.27	0.21	0.16	0.30	0.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	23.51	23.59	24.21	26.82	26.60	33.00	40.69	47.20	106.33	54.07	35.06	40.60	35.74	34.53	36.71	37.71	37.67	39.29	60.98	36.76	30.65	25.34	29.77	26.67
323833	0.67	0.65	0.68	0.78	0.80	0.93	1.16	1.53	3.48	1.66	1.02	1.08	1.03	0.86	0.93	0.94	0.95	1.23	1.78	1.01	0.90	0.74	0.89	0.76
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	23.50	23.58	24.20	26.81	26.59	32.99	40.68	47.20	106.26	54.05	35.05	40.59	35.73	34.52	36.70	37.70	37.66	39.27	60.94	36.75	30.63	25.34	29.75	26.66
323834	0.66	0.64	0.67	0.77	0.79	0.92	1.14	1.52	3.41	1.64	1.01	1.07	1.02	0.85	0.92	0.92	0.94	1.20	1.73	1.00	0.88	0.74	0.87	0.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	23.04	23.09	23.70	26.25	26.03	32.29	39.79	46.17	104.02	52.94	34.33	39.74	34.99	33.86	36.02	36.98	36.85	38.41	59.66	35.93	29.99	24.82	29.10	26.07
23571	0.20	0.15	0.17	0.20	0.22	0.23	0.26	0.50	1.18	0.52	0.29	0.23	0.28	0.19	0.23	0.20	0.13	0.34	0.46	0.18	0.24	0.22	0.23	0.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	23.04 0.20 0.00	23.09 0.15 0.00	23.70 0.17 0.00	26.25 0.20 0.00	26.03 0.22 0.00	32.29 0.23 0.00	39.79 0.26 0.00	46.17 0.50 0.00	104.02 1.18 0.00	52.94 0.52 0.00	34.33 0.29 0.00	39.74 0.23 0.00	34.99 0.28 0.00	33.86 0.19 0.00	36.02 0.23 0.00	36.98 0.20 0.00	36.85 0.13 0.00	38.41 0.34 0.00	59.66 0.46 0.00	35.93 0.18 0.00	29.99 0.24 0.00	24.82 0.22 0.00	29.10 0.23 0.00	26.07 0.16 0.00
ALBANY___3 23573	23.04 0.20 0.00	23.09 0.15 0.00	23.70 0.17 0.00	26.25 0.20 0.00	26.03 0.22 0.00	32.29 0.23 0.00	39.79 0.26 0.00	46.17 0.50 0.00	104.02 1.18 0.00	52.94 0.52 0.00	34.33 0.29 0.00	39.74 0.23 0.00	34.99 0.28 0.00	33.86 0.19 0.00	36.02 0.23 0.00	36.98 0.20 0.00	36.85 0.13 0.00	38.41 0.34 0.00	59.66 0.46 0.00	35.93 0.18 0.00	29.99 0.24 0.00	24.82 0.22 0.00	29.10 0.23 0.00	26.07 0.16 0.00
ALBANY___4 23574	23.04 0.20 0.00	23.09 0.15 0.00	23.70 0.17 0.00	26.25 0.20 0.00	26.03 0.22 0.00	32.29 0.23 0.00	39.79 0.26 0.00	46.17 0.50 0.00	104.02 1.18 0.00	52.94 0.52 0.00	34.33 0.29 0.00	39.74 0.23 0.00	34.99 0.28 0.00	33.86 0.19 0.00	36.02 0.23 0.00	36.98 0.20 0.00	36.85 0.13 0.00	38.41 0.34 0.00	59.66 0.46 0.00	35.93 0.18 0.00	29.99 0.24 0.00	24.82 0.22 0.00	29.10 0.23 0.00	26.07 0.16 0.00
ALBANY___LFGE 323615	23.26 0.42 0.00	23.31 0.37 0.00	23.92 0.40 0.00	26.51 0.46 0.00	26.29 0.48 0.00	32.62 0.55 0.00	40.20 0.66 0.00	46.67 0.99 0.00	105.18 2.34 0.00	53.51 1.09 0.00	34.72 0.67 0.00	40.19 0.67 0.00	35.39 0.68 0.00	34.24 0.57 0.00	36.42 0.64 0.00	37.40 0.63 0.00	37.28 0.56 0.00	38.85 0.78 0.00	60.32 1.12 0.00	36.34 0.59 0.00	30.32 0.56 0.00	25.08 0.48 0.00	29.40 0.53 0.00	26.33 0.42 0.00
ALCOA_PA_115KV_PL-6C 55860	23.17 0.33 0.00	23.44 0.50 0.00	24.04 0.51 0.00	26.68 0.63 0.00	26.35 0.54 0.00	32.81 0.74 0.00	40.41 0.88 0.00	46.66 0.98 0.00	105.02 2.18 0.00	53.87 1.46 0.00	34.89 0.85 0.00	40.70 1.18 0.00	35.59 0.88 0.00	34.53 0.86 0.00	36.53 0.74 0.00	37.56 0.79 0.00	37.45 0.73 0.00	38.41 0.34 0.00	59.61 0.41 0.00	36.16 0.41 0.00	30.08 0.32 0.00	24.85 0.24 0.00	29.36 0.48 0.00	26.42 0.52 0.00
ALCOA_RYNLDS___DRP 24188	23.17 0.33 0.00	23.44 0.50 0.00	24.04 0.51 0.00	26.68 0.63 0.00	26.35 0.54 0.00	32.81 0.74 0.00	40.41 0.88 0.00	46.66 0.98 0.00	105.02 2.18 0.00	53.87 1.46 0.00	34.89 0.85 0.00	40.70 1.18 0.00	35.59 0.88 0.00	34.53 0.86 0.00	36.53 0.74 0.00	37.56 0.79 0.00	37.45 0.73 0.00	38.41 0.34 0.00	59.61 0.41 0.00	36.16 0.41 0.00	30.08 0.32 0.00	24.85 0.24 0.00	29.36 0.48 0.00	26.42 0.52 0.00
ALCOA___DSASP 323711	23.17 0.33 0.00	23.44 0.50 0.00	24.04 0.51 0.00	26.68 0.63 0.00	26.35 0.55 0.00	32.81 0.74 0.00	40.41 0.88 0.00	46.66 0.98 0.00	105.02 2.18 0.00	53.87 1.46 0.00	34.89 0.85 0.00	40.70 1.18 0.00	35.59 0.88 0.00	34.53 0.86 0.00	36.53 0.74 0.00	37.56 0.79 0.00	37.46 0.73 0.00	38.41 0.34 0.00	59.62 0.42 0.00	36.16 0.41 0.00	30.08 0.32 0.00	24.85 0.25 0.00	29.36 0.48 0.00	26.42 0.52 0.00
ALLEGHENY___COGEN 23514	22.14 -0.70 0.00	22.05 -0.89 0.00	22.57 -0.96 0.00	25.05 -1.00 0.00	24.92 -0.89 0.00	31.00 -1.06 0.00	27.25 -1.14 11.13	30.77 -1.03 13.87	100.65 -2.06 0.13	49.30 -1.39 1.72	33.38 -0.66 0.00	38.75 -0.77 0.00	33.99 -0.72 0.00	32.81 -0.85 0.00	35.10 -0.68 0.00	36.38 -0.40 0.00	36.64 -0.09 0.00	38.45 0.37 0.00	59.47 0.26 0.00	35.82 0.07 0.00	29.58 -0.18 0.00	24.41 -0.19 0.00	28.90 0.03 0.00	26.00 0.09 0.00
ALTAMONT_115KV_TB 2 55880	23.31 0.47 0.00	23.40 0.45 0.00	24.00 0.48 0.00	26.59 0.54 0.00	26.37 0.56 0.00	32.71 0.65 0.00	40.32 0.79 0.00	46.80 1.13 0.00	105.42 2.57 0.00	53.63 1.21 0.00	34.80 0.75 0.00	40.30 0.79 0.00	35.46 0.75 0.00	34.28 0.61 0.00	36.47 0.69 0.00	37.47 0.69 0.00	37.36 0.64 0.00	38.93 0.86 0.00	60.49 1.28 0.00	36.44 0.68 0.00	30.38 0.62 0.00	25.12 0.52 0.00	29.46 0.59 0.00	26.39 0.48 0.00
ALTONA_WT_PWR 323606	23.46 0.62 0.00	23.76 0.82 0.00	24.39 0.86 0.00	27.12 1.07 0.00	26.57 0.76 0.00	32.97 0.90 0.00	40.75 1.22 0.00	47.41 1.74 0.00	106.44 3.59 0.00	54.31 1.89 0.00	35.29 1.25 0.00	41.04 1.53 0.00	36.03 1.32 0.00	34.85 1.18 0.00	37.07 1.28 0.00	38.24 1.47 0.00	38.22 1.50 0.00	39.38 1.31 0.00	61.02 1.82 0.00	36.92 1.17 0.00	30.86 1.10 0.00	25.50 0.89 0.00	29.96 1.09 0.00	27.07 1.16 0.00
AMERICAN_REF_FUEL 24010	20.17 -2.67 0.00	20.03 -2.91 0.00	20.54 -2.99 0.00	22.84 -3.21 0.00	22.63 -3.18 0.00	28.32 -3.75 0.00	28.36 -4.71 6.46	31.84 -5.76 8.08	88.94 -13.83 0.07	40.92 -7.40 4.09	29.61 -4.43 0.00	34.43 -5.08 0.00	30.21 -4.50 0.00	29.10 -4.57 0.00	30.97 -4.81 0.00	32.05 -4.72 0.00	32.25 -4.47 0.00	33.95 -4.12 0.00	52.17 -7.03 0.00	31.44 -4.31 0.00	26.01 -3.75 0.00	21.56 -3.04 0.00	25.82 -3.05 0.00	23.55 -2.36 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	20.87 -1.97 0.00	20.65 -2.29 0.00	21.18 -2.34 0.00	23.54 -2.51 0.00	23.35 -2.45 0.00	29.34 -2.73 0.00	27.90 -3.46 8.17	31.56 -3.87 10.24	94.59 -8.16 0.09	42.77 -4.76 4.89	31.43 -2.62 0.00	36.69 -2.83 0.00	31.95 -2.76 0.00	30.90 -2.77 0.00	33.14 -2.64 0.00	34.37 -2.40 0.00	34.34 -2.39 0.00	36.21 -1.86 0.00	56.32 -2.88 0.00	33.92 -1.83 0.00	28.02 -1.73 0.00	23.17 -1.43 0.00	27.66 -1.21 0.00	24.97 -0.93 0.00
ARTHUR KILL_GT_1 23520	23.97 1.13 0.00	24.07 1.12 0.00	24.65 1.13 0.00	27.30 1.25 0.00	27.11 1.30 0.00	33.70 1.64 0.00	41.60 2.07 0.00	56.58 2.55 -8.36	108.85 6.00 -0.01	55.24 2.83 0.00	35.86 1.81 0.00	176.29 2.09 -134.69	46.11 1.79 -9.61	81.16 1.67 -45.82	262.51 2.00 -224.73	38.75 1.98 0.00	38.61 1.88 0.00	40.37 2.30 0.00	63.06 3.85 -0.01	52.42 2.05 -14.62	54.58 1.65 -23.17	104.47 1.36 -78.51	53.26 1.41 -22.97	27.14 1.22 -0.01
ARTHUR_KILL_2 23512	23.91 1.07 0.00	24.00 1.06 0.00	24.59 1.07 0.00	27.22 1.18 0.00	27.04 1.23 0.00	33.60 1.54 0.00	41.46 1.93 0.00	56.44 2.40 -8.36	108.53 5.68 -0.01	55.09 2.68 0.00	35.75 1.71 0.00	176.17 1.97 -134.69	46.02 1.69 -9.61	81.07 1.58 -45.82	262.40 1.89 -224.73	38.65 1.87 0.00	38.50 1.78 0.00	40.24 2.17 0.00	62.87 3.67 -0.01	52.31 1.93 -14.62	54.49 1.56 -23.17	104.39 1.28 -78.51	53.17 1.32 -22.97	27.06 1.14 -0.01
ARTHUR_KILL_3 23513	23.85 1.01 0.00	23.93 0.99 0.00	24.55 1.02 0.00	27.18 1.13 0.00	26.98 1.18 0.00	33.52 1.45 0.00	41.38 1.85 0.00	56.43 2.40 -8.36	108.47 5.63 -0.01	55.07 2.66 0.00	35.76 1.71 0.00	176.49 1.83 -135.15	45.96 1.65 -9.61	81.58 1.55 -46.36	264.15 1.76 -226.61	38.51 1.73 0.00	38.36 1.63 0.00	40.12 2.04 0.00	62.58 3.38 -0.01	52.14 1.77 -14.62	54.35 1.43 -23.17	104.27 1.16 -78.51	45.12 1.24 -15.01	26.94 1.02 -0.01

ARTHUR_KILL_COGEN 323718	23.97 1.13 0.00	24.07 1.12 0.00	24.65 1.13 0.00	27.30 1.25 0.00	27.11 1.30 0.00	33.70 1.64 0.00	41.60 2.07 0.00	56.58 2.55 -8.36	108.85 6.00 -0.01	55.24 2.83 0.00	35.86 1.81 0.00	176.29 2.09 -134.69	46.11 1.79 -9.61	81.16 1.67 -45.82	262.51 2.00 -224.73	38.75 1.98 0.00	38.61 1.88 0.00	40.37 2.30 0.00	63.06 3.85 -0.01	52.42 2.05 -14.62	54.58 1.65 -23.17	104.47 1.36 -78.51	53.26 1.41 -22.97	27.14 1.22 -0.01
ASHOKAN____ 23654	24.09 1.25 0.00	24.14 1.20 0.00	24.76 1.24 0.00	27.44 1.39 0.00	27.24 1.44 0.00	33.88 1.82 0.00	41.95 2.42 0.00	48.79 3.12 0.00	110.05 7.21 0.00	55.98 3.57 0.00	36.28 2.24 0.00	42.00 2.48 0.00	36.95 2.24 0.00	35.70 2.03 0.00	37.82 2.04 0.00	38.82 2.05 0.00	38.85 2.12 0.00	40.72 2.65 0.00	63.17 3.96 0.00	38.02 2.27 0.00	31.59 1.84 0.00	26.05 1.45 0.00	30.50 1.63 0.00	27.28 1.37 0.00
ASTORIA_EAST_ENERGY_CC1 323581	23.92 1.08 0.00	24.10 1.16 0.00	24.64 1.12 0.00	27.30 1.25 0.00	27.09 1.28 0.00	33.62 1.55 0.00	41.48 1.95 0.00	48.15 2.48 0.00	108.69 5.85 0.00	55.21 2.79 0.00	35.90 1.86 0.00	41.52 2.01 0.00	36.52 1.81 0.00	35.36 1.69 0.00	37.70 1.91 0.00	38.61 1.84 0.00	38.41 1.68 0.00	40.21 2.14 0.00	62.81 3.61 0.00	37.66 1.91 0.00	31.33 1.57 0.00	25.92 1.32 0.00	30.24 1.37 0.00	27.07 1.16 0.00
ASTORIA_EAST_ENERGY_CC2 323582	23.92 1.08 0.00	24.10 1.15 0.00	24.64 1.11 0.00	27.29 1.24 0.00	27.09 1.28 0.00	33.62 1.55 0.00	41.48 1.95 0.00	48.15 2.48 0.00	108.69 5.85 0.00	55.21 2.79 0.00	35.90 1.86 0.00	41.52 2.01 0.00	36.52 1.81 0.00	35.36 1.69 0.00	37.70 1.91 0.00	38.61 1.84 0.00	38.41 1.68 0.00	40.21 2.14 0.00	62.81 3.61 0.00	37.66 1.91 0.00	31.33 1.57 0.00	25.92 1.32 0.00	30.24 1.37 0.00	27.07 1.17 0.00
ASTORIA_GT2_1 24094	23.94 1.10 0.00	24.10 1.15 0.00	24.65 1.12 0.00	27.31 1.26 0.00	27.10 1.29 0.00	33.63 1.56 0.00	41.51 1.97 0.00	48.18 2.50 0.00	108.76 5.92 0.00	55.25 2.84 0.00	35.92 1.88 0.00	41.56 2.05 0.00	36.54 1.83 0.00	35.38 1.72 0.00	37.71 1.93 0.00	38.63 1.86 0.00	38.42 1.70 0.00	40.23 2.16 0.00	62.83 3.63 0.00	37.68 1.93 0.00	31.34 1.59 0.00	25.93 1.33 0.00	30.26 1.39 0.00	27.08 1.18 0.00
ASTORIA_GT2_2 24095	23.94 1.10 0.00	24.10 1.15 0.00	24.65 1.12 0.00	27.31 1.26 0.00	27.10 1.29 0.00	33.63 1.56 0.00	41.51 1.97 0.00	48.18 2.50 0.00	108.76 5.92 0.00	55.25 2.84 0.00	35.92 1.88 0.00	41.56 2.05 0.00	36.54 1.83 0.00	35.38 1.72 0.00	37.71 1.93 0.00	38.63 1.86 0.00	38.42 1.70 0.00	40.23 2.16 0.00	62.83 3.63 0.00	37.68 1.93 0.00	31.34 1.59 0.00	25.93 1.33 0.00	30.26 1.39 0.00	27.08 1.18 0.00
ASTORIA_GT2_3 24096	23.94 1.10 0.00	24.10 1.15 0.00	24.65 1.12 0.00	27.31 1.26 0.00	27.10 1.29 0.00	33.63 1.56 0.00	41.51 1.97 0.00	48.18 2.50 0.00	108.76 5.92 0.00	55.25 2.84 0.00	35.92 1.88 0.00	41.56 2.05 0.00	36.54 1.83 0.00	35.38 1.72 0.00	37.71 1.93 0.00	38.63 1.86 0.00	38.42 1.70 0.00	40.23 2.16 0.00	62.83 3.63 0.00	37.68 1.93 0.00	31.34 1.59 0.00	25.93 1.33 0.00	30.26 1.39 0.00	27.08 1.18 0.00
ASTORIA_GT2_4 24097	23.94 1.10 0.00	24.10 1.15 0.00	24.65 1.12 0.00	27.31 1.26 0.00	27.10 1.29 0.00	33.63 1.56 0.00	41.51 1.97 0.00	48.18 2.50 0.00	108.76 5.92 0.00	55.25 2.84 0.00	35.92 1.88 0.00	41.56 2.05 0.00	36.54 1.83 0.00	35.38 1.72 0.00	37.71 1.93 0.00	38.63 1.86 0.00	38.42 1.70 0.00	40.23 2.16 0.00	62.83 3.63 0.00	37.68 1.93 0.00	31.34 1.59 0.00	25.93 1.33 0.00	30.26 1.39 0.00	27.08 1.18 0.00
ASTORIA_GT3_1 24098	23.94 1.10 0.00	24.10 1.15 0.00	24.65 1.12 0.00	27.31 1.26 0.00	27.10 1.29 0.00	33.63 1.56 0.00	41.51 1.97 0.00	48.18 2.50 0.00	108.76 5.92 0.00	55.25 2.84 0.00	35.92 1.88 0.00	41.56 2.05 0.00	36.54 1.83 0.00	35.38 1.72 0.00	37.71 1.93 0.00	38.63 1.86 0.00	38.42 1.70 0.00	40.23 2.16 0.00	62.83 3.63 0.00	37.68 1.93 0.00	31.34 1.59 0.00	25.93 1.33 0.00	30.26 1.39 0.00	27.08 1.18 0.00
ASTORIA_GT3_2 24099	23.94 1.10 0.00	24.10 1.15 0.00	24.65 1.12 0.00	27.31 1.26 0.00	27.10 1.29 0.00	33.63 1.56 0.00	41.51 1.97 0.00	48.18 2.50 0.00	108.76 5.92 0.00	55.25 2.84 0.00	35.92 1.88 0.00	41.56 2.05 0.00	36.54 1.83 0.00	35.38 1.72 0.00	37.71 1.93 0.00	38.63 1.86 0.00	38.42 1.70 0.00	40.23 2.16 0.00	62.83 3.63 0.00	37.68 1.93 0.00	31.34 1.59 0.00	25.93 1.33 0.00	30.26 1.39 0.00	27.08 1.18 0.00
ASTORIA_GT3_3 24100	23.94 1.10 0.00	24.10 1.15 0.00	24.65 1.12 0.00	27.31 1.26 0.00	27.10 1.29 0.00	33.63 1.56 0.00	41.51 1.97 0.00	48.18 2.50 0.00	108.76 5.92 0.00	55.25 2.84 0.00	35.92 1.88 0.00	41.56 2.05 0.00	36.54 1.83 0.00	35.38 1.72 0.00	37.71 1.93 0.00	38.63 1.86 0.00	38.42 1.70 0.00	40.23 2.16 0.00	62.83 3.63 0.00	37.68 1.93 0.00	31.34 1.59 0.00	25.93 1.33 0.00	30.26 1.39 0.00	27.08 1.18 0.00
ASTORIA_GT3_4 24101	23.94 1.10 0.00	24.10 1.15 0.00	24.65 1.12 0.00	27.31 1.26 0.00	27.10 1.29 0.00	33.63 1.56 0.00	41.51 1.97 0.00	48.18 2.50 0.00	108.76 5.92 0.00	55.25 2.84 0.00	35.92 1.88 0.00	41.56 2.05 0.00	36.54 1.83 0.00	35.38 1.72 0.00	37.71 1.93 0.00	38.63 1.86 0.00	38.42 1.70 0.00	40.23 2.16 0.00	62.83 3.63 0.00	37.68 1.93 0.00	31.34 1.59 0.00	25.93 1.33 0.00	30.26 1.39 0.00	27.08 1.18 0.00
ASTORIA_GT4_1 24102	23.94 1.10 0.00	24.10 1.15 0.00	24.65 1.12 0.00	27.31 1.26 0.00	27.10 1.29 0.00	33.63 1.56 0.00	41.51 1.97 0.00	48.18 2.50 0.00	108.76 5.92 0.00	55.25 2.84 0.00	35.92 1.88 0.00	41.56 2.05 0.00	36.54 1.83 0.00	35.38 1.72 0.00	37.71 1.93 0.00	38.63 1.86 0.00	38.42 1.70 0.00	40.23 2.16 0.00	62.83 3.63 0.00	37.68 1.93 0.00	31.34 1.59 0.00	25.93 1.33 0.00	30.26 1.39 0.00	27.08 1.18 0.00
ASTORIA_GT4_2 24103	23.94 1.10 0.00	24.10 1.15 0.00	24.65 1.12 0.00	27.31 1.26 0.00	27.10 1.29 0.00	33.63 1.56 0.00	41.51 1.97 0.00	48.18 2.50 0.00	108.76 5.92 0.00	55.25 2.84 0.00	35.92 1.88 0.00	41.56 2.05 0.00	36.54 1.83 0.00	35.38 1.72 0.00	37.71 1.93 0.00	38.63 1.86 0.00	38.42 1.70 0.00	40.23 2.16 0.00	62.83 3.63 0.00	37.68 1.93 0.00	31.34 1.59 0.00	25.93 1.33 0.00	30.26 1.39 0.00	27.08 1.18 0.00
ASTORIA_GT4_3 24104	23.94 1.10 0.00	24.10 1.15 0.00	24.65 1.12 0.00	27.31 1.26 0.00	27.10 1.29 0.00	33.63 1.56 0.00	41.51 1.97 0.00	48.18 2.50 0.00	108.76 5.92 0.00	55.25 2.84 0.00	35.92 1.88 0.00	41.56 2.05 0.00	36.54 1.83 0.00	35.38 1.72 0.00	37.71 1.93 0.00	38.63 1.86 0.00	38.42 1.70 0.00	40.23 2.16 0.00	62.83 3.63 0.00	37.68 1.93 0.00	31.34 1.59 0.00	25.93 1.33 0.00	30.26 1.39 0.00	27.08 1.18 0.00

ASTORIA_GT4_4 24105	23.94 1.10 0.00	24.10 1.15 0.00	24.65 1.12 0.00	27.31 1.26 0.00	27.10 1.29 0.00	33.63 1.56 0.00	41.51 1.97 0.00	48.18 2.50 0.00	108.76 5.92 0.00	55.25 2.84 0.00	35.92 1.88 0.00	41.56 2.05 0.00	36.54 1.83 0.00	35.38 1.72 0.00	37.71 1.93 0.00	38.63 1.86 0.00	38.42 1.70 0.00	40.23 2.16 0.00	62.83 3.63 0.00	37.68 1.93 0.00	31.34 1.59 0.00	25.93 1.33 0.00	30.26 1.39 0.00	27.08 1.18 0.00
ASTORIA_GT_1 23523	23.97 1.13 0.00	24.15 1.20 0.00	24.68 1.16 0.00	27.34 1.30 0.00	27.13 1.32 0.00	33.68 1.62 0.00	41.57 2.04 0.00	48.26 2.58 0.00	108.97 6.13 0.00	55.34 2.93 0.00	35.99 1.95 0.00	41.63 2.12 0.00	36.61 1.91 0.00	35.45 1.78 0.00	37.78 2.00 0.00	38.71 1.94 0.00	38.51 1.78 0.00	40.32 2.25 0.00	62.96 3.76 0.00	37.75 2.00 0.00	31.41 1.65 0.00	25.98 1.38 0.00	30.32 1.45 0.00	27.13 1.23 0.00
ASTORIA_GT_10 24110	23.94 1.10 0.00	24.02 1.08 0.00	24.61 1.09 0.00	27.22 1.17 0.00	27.03 1.22 0.00	33.59 1.52 0.00	41.49 1.96 0.00	48.22 2.54 0.00	108.84 6.00 0.00	55.28 2.87 0.00	35.92 1.88 0.00	41.58 2.07 0.00	36.54 1.83 0.00	35.40 1.73 0.00	37.74 1.96 0.00	38.68 1.90 0.00	38.51 1.79 0.00	40.29 2.22 0.00	62.82 3.62 0.00	37.67 1.92 0.00	31.31 1.55 0.00	25.87 1.27 0.00	30.20 1.32 0.00	27.01 1.10 0.00
ASTORIA_GT_11 24225	23.94 1.10 0.00	24.02 1.08 0.00	24.61 1.09 0.00	27.22 1.17 0.00	27.03 1.22 0.00	33.59 1.52 0.00	41.49 1.96 0.00	48.22 2.54 0.00	108.84 6.00 0.00	55.28 2.87 0.00	35.92 1.88 0.00	41.58 2.07 0.00	36.54 1.83 0.00	35.40 1.73 0.00	37.74 1.96 0.00	38.68 1.90 0.00	38.51 1.79 0.00	40.29 2.22 0.00	62.82 3.62 0.00	37.67 1.92 0.00	31.31 1.55 0.00	25.87 1.27 0.00	30.20 1.32 0.00	27.01 1.10 0.00
ASTORIA_GT_12 24226	23.94 1.10 0.00	24.02 1.08 0.00	24.61 1.09 0.00	27.22 1.17 0.00	27.03 1.22 0.00	33.59 1.52 0.00	41.49 1.96 0.00	48.22 2.54 0.00	108.84 6.00 0.00	55.28 2.87 0.00	35.92 1.88 0.00	41.58 2.07 0.00	36.54 1.83 0.00	35.40 1.73 0.00	37.74 1.96 0.00	38.68 1.90 0.00	38.51 1.79 0.00	40.29 2.22 0.00	62.82 3.62 0.00	37.67 1.92 0.00	31.31 1.55 0.00	25.87 1.27 0.00	30.20 1.32 0.00	27.01 1.10 0.00
ASTORIA_GT_13 24227	23.94 1.10 0.00	24.02 1.08 0.00	24.61 1.09 0.00	27.22 1.17 0.00	27.03 1.22 0.00	33.59 1.52 0.00	41.49 1.96 0.00	48.22 2.54 0.00	108.84 6.00 0.00	55.28 2.87 0.00	35.92 1.88 0.00	41.58 2.07 0.00	36.54 1.83 0.00	35.40 1.73 0.00	37.74 1.96 0.00	38.68 1.90 0.00	38.51 1.79 0.00	40.29 2.22 0.00	62.82 3.62 0.00	37.67 1.92 0.00	31.31 1.55 0.00	25.87 1.27 0.00	30.20 1.32 0.00	27.01 1.10 0.00
ASTORIA_GT_5 24106	23.97 1.13 0.00	24.14 1.19 0.00	24.68 1.16 0.00	27.34 1.30 0.00	27.13 1.33 0.00	33.68 1.62 0.00	41.57 2.03 0.00	48.26 2.59 0.00	108.97 6.13 0.00	55.35 2.94 0.00	36.00 1.95 0.00	41.64 2.12 0.00	36.61 1.90 0.00	35.45 1.78 0.00	37.79 2.01 0.00	38.71 1.94 0.00	38.51 1.78 0.00	40.32 2.25 0.00	62.96 3.76 0.00	37.75 2.00 0.00	31.40 1.64 0.00	25.98 1.38 0.00	30.32 1.45 0.00	27.13 1.23 0.00
ASTORIA_GT_7 24107	23.97 1.13 0.00	24.14 1.19 0.00	24.68 1.16 0.00	27.34 1.30 0.00	27.13 1.33 0.00	33.68 1.62 0.00	41.57 2.03 0.00	48.26 2.59 0.00	108.97 6.13 0.00	55.35 2.94 0.00	36.00 1.95 0.00	41.64 2.12 0.00	36.61 1.90 0.00	35.45 1.78 0.00	37.79 2.01 0.00	38.71 1.94 0.00	38.51 1.78 0.00	40.32 2.25 0.00	62.96 3.76 0.00	37.75 2.00 0.00	31.40 1.64 0.00	25.98 1.38 0.00	30.32 1.45 0.00	27.13 1.23 0.00
ASTORIA_GT_8 24108	23.97 1.13 0.00	24.14 1.19 0.00	24.68 1.16 0.00	27.34 1.30 0.00	27.13 1.33 0.00	33.68 1.62 0.00	41.57 2.03 0.00	48.26 2.59 0.00	108.97 6.13 0.00	55.35 2.94 0.00	36.00 1.95 0.00	41.64 2.12 0.00	36.61 1.90 0.00	35.45 1.78 0.00	37.79 2.01 0.00	38.71 1.94 0.00	38.51 1.78 0.00	40.32 2.25 0.00	62.96 3.76 0.00	37.75 2.00 0.00	31.40 1.64 0.00	25.98 1.38 0.00	30.32 1.45 0.00	27.13 1.23 0.00
ASTORIA___2 24149	23.93 1.09 0.00	24.11 1.16 0.00	24.65 1.12 0.00	27.31 1.26 0.00	27.10 1.29 0.00	33.63 1.57 0.00	41.50 1.97 0.00	48.18 2.50 0.00	108.76 5.92 0.00	55.24 2.82 0.00	35.92 1.88 0.00	41.55 2.04 0.00	36.54 1.83 0.00	35.38 1.71 0.00	37.71 1.92 0.00	38.63 1.86 0.00	38.42 1.70 0.00	40.23 2.16 0.00	62.83 3.63 0.00	37.68 1.92 0.00	31.35 1.59 0.00	25.93 1.33 0.00	30.26 1.39 0.00	27.08 1.18 0.00
ASTORIA___3 23516	23.93 1.09 0.00	24.03 1.09 0.00	24.61 1.08 0.00	27.22 1.17 0.00	27.03 1.22 0.00	33.59 1.52 0.00	41.49 1.96 0.00	48.22 2.54 0.00	108.84 5.99 0.00	55.29 2.87 0.00	35.92 1.87 0.00	41.57 2.06 0.00	36.55 1.84 0.00	35.39 1.72 0.00	37.74 1.95 0.00	38.67 1.90 0.00	38.51 1.79 0.00	40.28 2.22 0.00	62.82 3.62 0.00	37.67 1.92 0.00	31.31 1.55 0.00	25.87 1.27 0.00	30.20 1.32 0.00	27.00 1.09 0.00
ASTORIA___4 23517	23.94 1.10 0.00	24.02 1.08 0.00	24.61 1.09 0.00	27.22 1.17 0.00	27.03 1.22 0.00	33.59 1.52 0.00	41.49 1.96 0.00	48.22 2.54 0.00	108.84 6.00 0.00	55.28 2.87 0.00	35.92 1.88 0.00	41.58 2.07 0.00	36.54 1.83 0.00	35.40 1.73 0.00	37.74 1.96 0.00	38.68 1.90 0.00	38.51 1.79 0.00	40.29 2.22 0.00	62.82 3.62 0.00	37.67 1.92 0.00	31.31 1.55 0.00	25.87 1.27 0.00	30.20 1.32 0.00	27.01 1.10 0.00
ASTORIA___5 23518	23.93 1.09 0.00	24.03 1.09 0.00	24.61 1.08 0.00	27.22 1.17 0.00	27.03 1.22 0.00	33.59 1.52 0.00	41.49 1.96 0.00	48.22 2.54 0.00	108.84 5.99 0.00	55.29 2.87 0.00	35.92 1.88 0.00	41.57 2.06 0.00	36.55 1.84 0.00	35.40 1.73 0.00	37.74 1.95 0.00	38.67 1.90 0.00	38.51 1.79 0.00	40.29 2.22 0.00	62.82 3.62 0.00	37.67 1.92 0.00	31.31 1.55 0.00	25.87 1.27 0.00	30.20 1.32 0.00	27.00 1.09 0.00
AST_ENERGY_2_CC3 323677	23.89 1.05 0.00	23.99 1.05 0.00	24.60 1.08 0.00	27.23 1.18 0.00	27.04 1.23 0.00	33.59 1.52 0.00	41.47 1.93 0.00	48.12 2.45 0.00	108.58 5.74 0.00	55.16 2.74 0.00	35.84 1.79 0.00	41.43 1.92 0.00	36.45 1.74 0.00	35.31 1.64 0.00	37.63 1.85 0.00	38.60 1.83 0.00	38.46 1.73 0.00	40.20 2.13 0.00	62.71 3.50 0.00	37.60 1.84 0.00	31.26 1.50 0.00	25.82 1.22 0.00	30.17 1.29 0.00	26.97 1.06 0.00
AST_ENERGY_2_CC4 323678	23.89 1.05 0.00	23.99 1.05 0.00	24.60 1.08 0.00	27.23 1.18 0.00	27.04 1.23 0.00	33.59 1.52 0.00	41.47 1.93 0.00	48.12 2.45 0.00	108.58 5.74 0.00	55.16 2.74 0.00	35.84 1.79 0.00	41.43 1.92 0.00	36.45 1.74 0.00	35.31 1.64 0.00	37.63 1.85 0.00	38.60 1.83 0.00	38.46 1.73 0.00	40.20 2.13 0.00	62.71 3.50 0.00	37.60 1.84 0.00	31.26 1.50 0.00	25.82 1.22 0.00	30.17 1.29 0.00	26.97 1.06 0.00

ATHENS_STG_1 23668	23.48 0.64 0.00	23.58 0.64 0.00	24.20 0.67 0.00	26.80 0.76 0.00	26.57 0.77 0.00	32.96 0.89 0.00	40.64 1.11 0.00	47.08 1.41 0.00	106.07 3.23 0.00	53.92 1.50 0.00	34.99 0.95 0.00	40.51 1.00 0.00	35.63 0.92 0.00	34.49 0.82 0.00	36.71 0.93 0.00	37.68 0.91 0.00	37.57 0.85 0.00	39.20 1.13 0.00	60.95 1.75 0.00	36.68 0.93 0.00	30.57 0.81 0.00	25.26 0.66 0.00	29.59 0.72 0.00	26.51 0.60 0.00
ATHENS_STG_2 23670	23.48 0.64 0.00	23.58 0.64 0.00	24.20 0.67 0.00	26.80 0.76 0.00	26.57 0.77 0.00	32.96 0.89 0.00	40.64 1.11 0.00	47.08 1.41 0.00	106.07 3.23 0.00	53.92 1.50 0.00	34.99 0.95 0.00	40.51 1.00 0.00	35.63 0.92 0.00	34.49 0.82 0.00	36.71 0.93 0.00	37.68 0.91 0.00	37.57 0.85 0.00	39.20 1.13 0.00	60.95 1.75 0.00	36.68 0.93 0.00	30.57 0.81 0.00	25.26 0.66 0.00	29.59 0.72 0.00	26.51 0.60 0.00
ATHENS_STG_3 23677	23.48 0.64 0.00	23.58 0.64 0.00	24.20 0.67 0.00	26.80 0.76 0.00	26.57 0.77 0.00	32.96 0.89 0.00	40.64 1.11 0.00	47.08 1.41 0.00	106.07 3.23 0.00	53.92 1.50 0.00	34.99 0.95 0.00	40.51 1.00 0.00	35.63 0.92 0.00	34.49 0.82 0.00	36.71 0.93 0.00	37.68 0.91 0.00	37.57 0.85 0.00	39.20 1.13 0.00	60.95 1.75 0.00	36.68 0.93 0.00	30.57 0.81 0.00	25.26 0.66 0.00	29.59 0.72 0.00	26.51 0.60 0.00
AUBURN___LFGE 323710	22.56 -0.28 0.00	22.55 -0.39 0.00	23.13 -0.39 0.00	25.61 -0.44 0.00	25.30 -0.51 0.00	31.60 -0.46 0.00	41.47 -0.52 -2.46	48.84 -0.64 -3.81	101.53 -1.35 -0.04	53.03 -0.87 -1.49	33.55 -0.50 0.00	38.94 -0.57 0.00	34.22 -0.49 0.00	33.21 -0.46 0.00	35.29 -0.50 0.00	36.30 -0.48 0.00	36.31 -0.42 0.00	37.90 -0.16 0.00	59.09 -0.11 0.00	35.60 -0.15 0.00	29.53 -0.23 0.00	24.42 -0.17 0.00	28.56 -0.31 0.00	25.61 -0.30 0.00
BABYLON_RES_REC 323704	24.39 1.55 0.00	24.49 1.55 0.00	25.11 1.59 0.00	48.49 1.84 -20.59	27.59 1.78 0.00	38.81 2.12 -4.62	101.34 3.03 -58.77	66.01 3.70 -16.64	110.30 7.46 0.00	55.81 3.40 0.00	36.42 2.37 0.00	41.96 2.45 0.00	37.07 2.33 -0.03	38.02 2.39 -1.97	40.81 2.71 -2.32	41.93 2.72 -2.43	39.25 2.53 0.00	41.04 2.97 0.00	63.88 4.68 0.00	38.25 2.50 0.00	38.09 2.18 -6.15	26.29 1.69 0.00	30.77 1.90 0.00	27.48 1.57 0.00
BABYLON__69_KV_BK2 356345	24.64 1.80 0.00	24.72 1.78 0.00	25.36 1.84 0.00	48.77 2.12 -20.59	27.87 2.06 0.00	39.15 2.47 -4.62	101.85 3.55 -58.77	66.57 4.25 -16.64	111.42 8.58 0.00	56.33 3.92 0.00	36.74 2.69 0.00	42.35 2.84 0.00	37.37 2.63 -0.03	38.37 2.74 -1.97	41.20 3.10 -2.32	42.34 3.13 -2.43	39.66 2.94 0.00	41.50 3.43 0.00	64.57 5.37 0.00	38.67 2.91 0.00	38.45 2.55 -6.15	26.57 1.97 0.00	31.07 2.20 0.00	27.76 1.85 0.00
BALL_HILL_WT_PWR 323825	20.91 -1.93 0.00	20.72 -2.22 0.00	21.26 -2.26 0.00	23.62 -2.43 0.00	23.40 -2.40 0.00	29.30 -2.77 0.00	28.28 -3.56 7.69	31.92 -4.13 9.63	93.73 -9.03 0.09	42.36 -5.14 4.91	31.06 -2.98 0.00	36.27 -3.24 0.00	31.71 -3.00 0.00	30.67 -3.00 0.00	32.71 -3.07 0.00	33.86 -2.91 0.00	33.97 -2.76 0.00	35.71 -2.36 0.00	55.29 -3.91 0.00	33.28 -2.48 0.00	27.49 -2.27 0.00	22.75 -1.85 0.00	27.17 -1.71 0.00	24.59 -1.32 0.00
BARON_WINDS___WT_PWR 323822	21.33 -1.51 0.00	21.25 -1.69 0.00	21.76 -1.76 0.00	24.14 -1.91 0.00	23.95 -1.86 0.00	29.63 -2.44 0.00	21.93 -3.05 14.55	24.41 -3.23 18.03	96.19 -6.49 0.16	35.36 -3.71 13.35	31.85 -2.20 0.00	37.28 -2.23 0.00	32.73 -1.98 0.00	31.72 -1.95 0.00	33.89 -1.89 0.00	35.11 -1.67 0.00	35.18 -1.54 0.00	36.77 -1.30 0.00	57.07 -2.13 0.00	34.37 -1.39 0.00	28.43 -1.33 0.00	23.51 -1.09 0.00	27.95 -0.92 0.00	25.17 -0.74 0.00
BARRETT_IC_1 23704	24.18 1.34 0.00	24.33 1.39 0.00	24.94 1.42 0.00	48.23 1.59 -20.59	27.38 1.57 0.00	38.55 1.87 -4.62	100.60 2.30 -58.77	65.16 2.85 -16.64	108.41 5.56 0.00	54.93 2.52 0.00	36.08 2.03 0.00	41.64 2.13 0.00	36.82 2.08 -0.03	37.69 2.06 -1.97	40.35 2.25 -2.32	41.40 2.19 -2.43	38.71 1.99 0.00	40.46 2.39 0.00	62.90 3.70 0.00	37.72 1.97 0.00	37.68 1.78 -6.15	25.97 1.37 0.00	30.40 1.53 0.00	27.19 1.28 0.00
BARRETT_IC_10 23701	24.18 1.34 0.00	24.33 1.39 0.00	24.94 1.42 0.00	48.23 1.59 -20.59	27.38 1.57 0.00	38.55 1.87 -4.62	100.60 2.30 -58.77	65.16 2.85 -16.64	108.41 5.56 0.00	54.93 2.52 0.00	36.08 2.03 0.00	41.64 2.13 0.00	36.82 2.08 -0.03	37.69 2.06 -1.97	40.35 2.25 -2.32	41.40 2.19 -2.43	38.71 1.99 0.00	40.46 2.39 0.00	62.90 3.70 0.00	37.72 1.97 0.00	37.68 1.78 -6.15	25.97 1.37 0.00	30.40 1.53 0.00	27.19 1.28 0.00
BARRETT_IC_11 23702	24.18 1.34 0.00	24.33 1.39 0.00	24.94 1.42 0.00	48.23 1.59 -20.59	27.38 1.57 0.00	38.55 1.87 -4.62	100.60 2.30 -58.77	65.16 2.85 -16.64	108.41 5.56 0.00	54.93 2.52 0.00	36.08 2.03 0.00	41.64 2.13 0.00	36.82 2.08 -0.03	37.69 2.06 -1.97	40.35 2.25 -2.32	41.40 2.19 -2.43	38.71 1.99 0.00	40.46 2.39 0.00	62.90 3.70 0.00	37.72 1.97 0.00	37.68 1.78 -6.15	25.97 1.37 0.00	30.40 1.53 0.00	27.19 1.28 0.00
BARRETT_IC_12 23703	24.18 1.34 0.00	24.33 1.39 0.00	24.94 1.42 0.00	48.23 1.59 -20.59	27.38 1.57 0.00	38.55 1.87 -4.62	100.60 2.30 -58.77	65.16 2.85 -16.64	108.41 5.56 0.00	54.93 2.52 0.00	36.08 2.03 0.00	41.64 2.13 0.00	36.82 2.08 -0.03	37.69 2.06 -1.97	40.35 2.25 -2.32	41.40 2.19 -2.43	38.71 1.99 0.00	40.46 2.39 0.00	62.90 3.70 0.00	37.72 1.97 0.00	37.68 1.78 -6.15	25.97 1.37 0.00	30.40 1.53 0.00	27.19 1.28 0.00
BARRETT_IC_2 23705	24.18 1.34 0.00	24.33 1.39 0.00	24.94 1.42 0.00	48.23 1.59 -20.59	27.38 1.57 0.00	38.55 1.87 -4.62	100.60 2.30 -58.77	65.16 2.85 -16.64	108.41 5.56 0.00	54.93 2.52 0.00	36.08 2.03 0.00	41.64 2.13 0.00	36.82 2.08 -0.03	37.69 2.06 -1.97	40.35 2.25 -2.32	41.40 2.19 -2.43	38.71 1.99 0.00	40.46 2.39 0.00	62.90 3.70 0.00	37.72 1.97 0.00	37.68 1.78 -6.15	25.97 1.37 0.00	30.40 1.53 0.00	27.19 1.28 0.00
BARRETT_IC_3 23706	24.18 1.34 0.00	24.33 1.39 0.00	24.94 1.42 0.00	48.23 1.59 -20.59	27.38 1.57 0.00	38.55 1.87 -4.62	100.60 2.30 -58.77	65.16 2.85 -16.64	108.41 5.56 0.00	54.93 2.52 0.00	36.08 2.03 0.00	41.64 2.13 0.00	36.82 2.08 -0.03	37.69 2.06 -1.97	40.35 2.25 -2.32	41.40 2.19 -2.43	38.71 1.99 0.00	40.46 2.39 0.00	62.90 3.70 0.00	37.72 1.97 0.00	37.68 1.78 -6.15	25.97 1.37 0.00	30.40 1.53 0.00	27.19 1.28 0.00
BARRETT_IC_4 23707	24.18 1.34 0.00	24.33 1.39 0.00	24.94 1.42 0.00	48.23 1.59 -20.59	27.38 1.57 0.00	38.55 1.87 -4.62	100.60 2.30 -58.77	65.16 2.85 -16.64	108.41 5.56 0.00	54.93 2.52 0.00	36.08 2.03 0.00	41.64 2.13 0.00	36.82 2.08 -0.03	37.69 2.06 -1.97	40.35 2.25 -2.32	41.40 2.19 -2.43	38.71 1.99 0.00	40.46 2.39 0.00	62.90 3.70 0.00	37.72 1.97 0.00	37.68 1.78 -6.15	25.97 1.37 0.00	30.40 1.53 0.00	27.19 1.28 0.00

BARRETT_IC_5 23708	24.18 1.34 0.00	24.33 1.39 0.00	24.94 1.42 0.00	48.23 1.59 -20.59	27.38 1.57 0.00	38.55 1.87 -4.62	100.60 2.30 -58.77	65.16 2.85 -16.64	108.41 5.56 0.00	54.93 2.52 0.00	36.08 2.03 0.00	41.64 2.13 0.00	36.82 2.08 -0.03	37.69 2.06 -1.97	40.35 2.25 -2.32	41.40 2.19 -2.43	38.71 1.99 0.00	40.46 2.39 0.00	62.90 3.70 0.00	37.72 1.97 0.00	37.68 1.78 -6.15	25.97 1.37 0.00	30.40 1.53 0.00	27.19 1.28 0.00
BARRETT_IC_6 23709	24.18 1.34 0.00	24.33 1.39 0.00	24.94 1.42 0.00	48.23 1.59 -20.59	27.38 1.57 0.00	38.55 1.87 -4.62	100.60 2.30 -58.77	65.16 2.85 -16.64	108.41 5.56 0.00	54.93 2.52 0.00	36.08 2.03 0.00	41.64 2.13 0.00	36.82 2.08 -0.03	37.69 2.06 -1.97	40.35 2.25 -2.32	41.40 2.19 -2.43	38.71 1.99 0.00	40.46 2.39 0.00	62.90 3.70 0.00	37.72 1.97 0.00	37.68 1.78 -6.15	25.97 1.37 0.00	30.40 1.53 0.00	27.19 1.28 0.00
BARRETT_IC_7 23710	24.19 1.35 0.00	24.31 1.37 0.00	24.94 1.42 0.00	48.23 1.59 -20.59	27.38 1.57 0.00	38.55 1.87 -4.62	100.60 2.30 -58.77	65.16 2.84 -16.64	108.39 5.55 0.00	54.93 2.52 0.00	36.09 2.04 0.00	41.65 2.13 0.00	36.82 2.08 -0.03	37.69 2.06 -1.97	40.35 2.25 -2.32	41.40 2.19 -2.43	38.71 1.99 0.00	40.45 2.39 0.00	62.89 3.69 0.00	37.72 1.97 0.00	37.68 1.77 -6.15	25.97 1.37 0.00	30.40 1.53 0.00	27.18 1.28 0.00
BARRETT_IC_8 23711	24.18 1.34 0.00	24.33 1.39 0.00	24.94 1.42 0.00	48.23 1.59 -20.59	27.38 1.57 0.00	38.55 1.87 -4.62	100.60 2.30 -58.77	65.16 2.85 -16.64	108.41 5.56 0.00	54.93 2.52 0.00	36.08 2.03 0.00	41.64 2.13 0.00	36.82 2.08 -0.03	37.69 2.06 -1.97	40.35 2.25 -2.32	41.40 2.19 -2.43	38.71 1.99 0.00	40.46 2.39 0.00	62.90 3.70 0.00	37.72 1.97 0.00	37.68 1.78 -6.15	25.97 1.37 0.00	30.40 1.53 0.00	27.19 1.28 0.00
BARRETT_IC_9 23700	24.18 1.34 0.00	24.33 1.39 0.00	24.94 1.42 0.00	48.23 1.59 -20.59	27.38 1.57 0.00	38.55 1.87 -4.62	100.60 2.30 -58.77	65.16 2.85 -16.64	108.41 5.56 0.00	54.93 2.52 0.00	36.08 2.03 0.00	41.64 2.13 0.00	36.82 2.08 -0.03	37.69 2.06 -1.97	40.35 2.25 -2.32	41.40 2.19 -2.43	38.71 1.99 0.00	40.46 2.39 0.00	62.90 3.70 0.00	37.72 1.97 0.00	37.68 1.78 -6.15	25.97 1.37 0.00	30.40 1.53 0.00	27.19 1.28 0.00
BARRETT___1 23545	24.18 1.34 0.00	24.33 1.39 0.00	24.94 1.42 0.00	48.23 1.59 -20.59	27.38 1.57 0.00	38.55 1.87 -4.62	100.60 2.30 -58.77	65.16 2.85 -16.64	108.41 5.56 0.00	54.93 2.52 0.00	36.08 2.03 0.00	41.64 2.13 0.00	36.82 2.08 -0.03	37.69 2.06 -1.97	40.35 2.25 -2.32	41.40 2.19 -2.43	38.71 1.99 0.00	40.46 2.39 0.00	62.90 3.70 0.00	37.72 1.97 0.00	37.68 1.78 -6.15	25.97 1.37 0.00	30.40 1.53 0.00	27.19 1.28 0.00
BARRETT___2 23546	24.18 1.34 0.00	24.33 1.39 0.00	24.94 1.42 0.00	48.23 1.59 -20.59	27.38 1.57 0.00	38.55 1.87 -4.62	100.60 2.30 -58.77	65.16 2.85 -16.64	108.41 5.56 0.00	54.93 2.52 0.00	36.08 2.03 0.00	41.64 2.13 0.00	36.82 2.08 -0.03	37.69 2.06 -1.97	40.35 2.25 -2.32	41.40 2.19 -2.43	38.71 1.99 0.00	40.46 2.39 0.00	62.90 3.70 0.00	37.72 1.97 0.00	37.68 1.78 -6.15	25.97 1.37 0.00	30.40 1.53 0.00	27.19 1.28 0.00
BATAVIA__115KV_TB1 55881	21.23 -1.61 0.00	21.15 -1.78 0.00	21.64 -1.88 0.00	24.05 -2.00 0.00	23.86 -1.95 0.00	29.92 -2.14 0.00	31.25 -2.63 5.66	35.48 -3.16 7.03	95.22 -7.56 0.06	44.82 -4.18 3.41	31.67 -2.38 0.00	36.78 -2.73 0.00	32.30 -2.41 0.00	31.15 -2.52 0.00	33.19 -2.60 0.00	34.29 -2.49 0.00	34.48 -2.24 0.00	36.25 -1.82 0.00	55.80 -3.40 0.00	33.58 -2.17 0.00	27.75 -2.01 0.00	22.94 -1.66 0.00	27.30 -1.58 0.00	24.75 -1.16 0.00
BAYONEEC___CTG1 323682	23.92 1.07 0.00	24.00 1.06 0.00	24.61 1.09 0.00	27.25 1.20 0.00	27.06 1.25 0.00	33.62 1.55 0.00	41.50 1.97 0.00	48.19 2.51 0.00	108.76 5.91 0.00	55.24 2.82 0.00	35.88 1.83 0.00	41.50 1.99 0.00	36.49 1.78 0.00	35.35 1.69 0.00	37.68 1.90 0.00	38.65 1.87 0.00	38.49 1.77 0.00	40.25 2.17 0.00	62.80 3.60 0.00	37.65 1.90 0.00	31.30 1.54 0.00	25.84 1.25 0.00	30.21 1.33 0.00	27.01 1.10 0.00
BAYONEEC___CTG10 323750	23.92 1.07 0.00	24.00 1.06 0.00	24.61 1.09 0.00	27.25 1.20 0.00	27.06 1.25 0.00	33.62 1.55 0.00	41.50 1.97 0.00	48.19 2.51 0.00	108.76 5.91 0.00	55.24 2.82 0.00	35.88 1.83 0.00	41.50 1.99 0.00	36.49 1.78 0.00	35.35 1.69 0.00	37.68 1.90 0.00	38.65 1.87 0.00	38.49 1.77 0.00	40.25 2.17 0.00	62.80 3.60 0.00	37.65 1.90 0.00	31.30 1.54 0.00	25.84 1.25 0.00	30.21 1.33 0.00	27.01 1.10 0.00
BAYONEEC___CTG2 323683	23.92 1.07 0.00	24.00 1.06 0.00	24.61 1.09 0.00	27.25 1.20 0.00	27.06 1.25 0.00	33.62 1.55 0.00	41.50 1.97 0.00	48.19 2.51 0.00	108.76 5.91 0.00	55.24 2.82 0.00	35.88 1.83 0.00	41.50 1.99 0.00	36.49 1.78 0.00	35.35 1.69 0.00	37.68 1.90 0.00	38.65 1.87 0.00	38.49 1.77 0.00	40.25 2.17 0.00	62.80 3.60 0.00	37.65 1.90 0.00	31.30 1.54 0.00	25.84 1.25 0.00	30.21 1.33 0.00	27.01 1.10 0.00
BAYONEEC___CTG3 323684	23.92 1.07 0.00	24.00 1.06 0.00	24.61 1.09 0.00	27.25 1.20 0.00	27.06 1.25 0.00	33.62 1.55 0.00	41.50 1.97 0.00	48.19 2.51 0.00	108.76 5.91 0.00	55.24 2.82 0.00	35.88 1.83 0.00	41.50 1.99 0.00	36.49 1.78 0.00	35.35 1.69 0.00	37.68 1.90 0.00	38.65 1.87 0.00	38.49 1.77 0.00	40.25 2.17 0.00	62.80 3.60 0.00	37.65 1.90 0.00	31.30 1.54 0.00	25.84 1.25 0.00	30.21 1.33 0.00	27.01 1.10 0.00
BAYONEEC___CTG4 323685	23.92 1.07 0.00	24.00 1.06 0.00	24.61 1.09 0.00	27.25 1.20 0.00	27.06 1.25 0.00	33.62 1.55 0.00	41.50 1.97 0.00	48.19 2.51 0.00	108.76 5.91 0.00	55.24 2.82 0.00	35.88 1.83 0.00	41.50 1.99 0.00	36.49 1.78 0.00	35.35 1.69 0.00	37.68 1.90 0.00	38.65 1.87 0.00	38.49 1.77 0.00	40.25 2.17 0.00	62.80 3.60 0.00	37.65 1.90 0.00	31.30 1.54 0.00	25.84 1.25 0.00	30.21 1.33 0.00	27.01 1.10 0.00
BAYONEEC___CTG5 323686	23.92 1.07 0.00	24.00 1.06 0.00	24.61 1.09 0.00	27.25 1.20 0.00	27.06 1.25 0.00	33.62 1.55 0.00	41.50 1.97 0.00	48.19 2.51 0.00	108.76 5.91 0.00	55.24 2.82 0.00	35.88 1.83 0.00	41.50 1.99 0.00	36.49 1.78 0.00	35.35 1.69 0.00	37.68 1.90 0.00	38.65 1.87 0.00	38.49 1.77 0.00	40.25 2.17 0.00	62.80 3.60 0.00	37.65 1.90 0.00	31.30 1.54 0.00	25.84 1.25 0.00	30.21 1.33 0.00	27.01 1.10 0.00
BAYONEEC___CTG6 323687	23.92 1.07 0.00	24.00 1.06 0.00	24.61 1.09 0.00	27.25 1.20 0.00	27.06 1.25 0.00	33.62 1.55 0.00	41.50 1.97 0.00	48.19 2.51 0.00	108.76 5.91 0.00	55.24 2.82 0.00	35.88 1.83 0.00	41.50 1.99 0.00	36.49 1.78 0.00	35.35 1.69 0.00	37.68 1.90 0.00	38.65 1.87 0.00	38.49 1.77 0.00	40.25 2.17 0.00	62.80 3.60 0.00	37.65 1.90 0.00	31.30 1.54 0.00	25.84 1.25 0.00	30.21 1.33 0.00	27.01 1.10 0.00

BAYONEEC___CTG7 323688	23.92 1.07 0.00	24.00 1.06 0.00	24.61 1.09 0.00	27.25 1.20 0.00	27.06 1.25 0.00	33.62 1.55 0.00	41.50 1.97 0.00	48.19 2.51 0.00	108.76 5.91 0.00	55.24 2.82 0.00	35.88 1.83 0.00	41.50 1.99 0.00	36.49 1.78 0.00	35.35 1.69 0.00	37.68 1.90 0.00	38.65 1.87 0.00	38.49 1.77 0.00	40.25 2.17 0.00	62.80 3.60 0.00	37.65 1.90 0.00	31.30 1.54 0.00	25.84 1.25 0.00	30.21 1.33 0.00	27.01 1.10 0.00
BAYONEEC___CTG8 323689	23.92 1.07 0.00	24.00 1.06 0.00	24.61 1.09 0.00	27.25 1.20 0.00	27.06 1.25 0.00	33.62 1.55 0.00	41.50 1.97 0.00	48.19 2.51 0.00	108.76 5.91 0.00	55.24 2.82 0.00	35.88 1.83 0.00	41.50 1.99 0.00	36.49 1.78 0.00	35.35 1.69 0.00	37.68 1.90 0.00	38.65 1.87 0.00	38.49 1.77 0.00	40.25 2.17 0.00	62.80 3.60 0.00	37.65 1.90 0.00	31.30 1.54 0.00	25.84 1.25 0.00	30.21 1.33 0.00	27.01 1.10 0.00
BAYONEEC___CTG9 323749	23.92 1.07 0.00	24.00 1.06 0.00	24.61 1.09 0.00	27.25 1.20 0.00	27.06 1.25 0.00	33.62 1.55 0.00	41.50 1.97 0.00	48.19 2.51 0.00	108.76 5.91 0.00	55.24 2.82 0.00	35.88 1.83 0.00	41.50 1.99 0.00	36.49 1.78 0.00	35.35 1.69 0.00	37.68 1.90 0.00	38.65 1.87 0.00	38.49 1.77 0.00	40.25 2.17 0.00	62.80 3.60 0.00	37.65 1.90 0.00	31.30 1.54 0.00	25.84 1.25 0.00	30.21 1.33 0.00	27.01 1.10 0.00
BEACON___LESR 323632	23.47 0.62 0.00	23.51 0.56 0.00	24.14 0.61 0.00	26.77 0.72 0.00	26.57 0.76 0.00	32.95 0.89 0.00	40.62 1.09 0.00	47.17 1.49 0.00	106.18 3.33 0.00	54.04 1.63 0.00	35.01 0.96 0.00	40.54 1.03 0.00	35.67 0.96 0.00	34.53 0.86 0.00	36.73 0.94 0.00	37.68 0.91 0.00	37.62 0.90 0.00	39.21 1.15 0.00	60.99 1.79 0.00	36.68 0.93 0.00	30.57 0.81 0.00	25.28 0.69 0.00	29.64 0.77 0.00	26.51 0.60 0.00
BEAVER RIVER___HYD 24048	22.28 -0.56 0.00	22.43 -0.51 0.00	23.06 -0.46 0.00	25.36 -0.68 0.00	25.16 -0.65 0.00	31.50 -0.57 0.00	38.92 -0.61 0.00	45.13 -0.54 0.00	102.24 -0.61 0.00	52.36 -0.06 0.00	33.86 -0.18 0.00	39.38 -0.13 0.00	34.70 -0.01 0.00	33.75 0.08 0.00	35.77 -0.01 0.00	36.88 0.11 0.00	36.93 0.21 0.00	38.46 0.39 0.00	59.66 0.46 0.00	36.09 0.34 0.00	29.97 0.21 0.00	24.71 0.11 0.00	28.94 0.07 0.00	25.95 0.04 0.00
BEEBEE_GT_13 23619	21.45 -1.39 0.00	21.44 -1.51 0.00	21.94 -1.59 0.00	24.33 -1.72 0.00	24.13 -1.68 0.00	30.16 -1.91 0.00	32.94 -2.41 4.18	37.70 -2.84 5.13	96.37 -6.42 0.05	46.85 -3.55 2.01	32.00 -2.05 0.00	37.17 -2.34 0.00	32.64 -2.07 0.00	31.55 -2.12 0.00	33.56 -2.22 0.00	34.62 -2.16 0.00	34.74 -1.98 0.00	36.39 -1.68 0.00	56.24 -2.96 0.00	33.86 -1.90 0.00	28.03 -1.73 0.00	23.19 -1.42 0.00	27.42 -1.45 0.00	24.74 -1.17 0.00
BENSHRST_27_KV_BENSHRST_1 355998	24.18 1.33 0.00	24.23 1.29 0.00	24.83 1.31 0.00	27.48 1.43 0.00	27.29 1.49 0.00	33.94 1.87 0.00	41.93 2.40 0.00	57.06 3.03 -8.36	109.98 7.13 -0.01	55.86 3.45 0.00	36.29 2.25 0.00	176.73 2.54 -134.69	46.62 2.21 -9.70	81.68 2.10 -45.91	262.88 2.37 -224.73	39.13 2.35 0.00	38.98 2.26 0.00	40.74 2.67 0.00	63.58 4.37 -0.01	52.75 2.38 -14.62	54.85 1.92 -23.17	104.68 1.57 -78.51	53.52 1.68 -22.97	27.34 1.42 -0.01
BETHLEHEM___GRP 23843	23.04 0.20 0.00	23.09 0.15 0.00	23.70 0.17 0.00	26.25 0.20 0.00	26.03 0.22 0.00	32.29 0.23 0.00	39.79 0.26 0.00	46.17 0.50 0.00	104.02 1.18 0.00	52.94 0.52 0.00	34.33 0.29 0.00	39.74 0.23 0.00	34.99 0.28 0.00	33.86 0.19 0.00	36.02 0.23 0.00	36.98 0.20 0.00	36.85 0.13 0.00	38.41 0.34 0.00	59.66 0.46 0.00	35.93 0.18 0.00	29.99 0.24 0.00	24.82 0.22 0.00	29.10 0.23 0.00	26.07 0.16 0.00
BETHLEHEM___GS1 323560	23.04 0.20 0.00	23.09 0.15 0.00	23.70 0.18 0.00	26.25 0.20 0.00	26.03 0.23 0.00	32.30 0.23 0.00	39.79 0.26 0.00	46.18 0.50 0.00	104.02 1.18 0.00	52.94 0.53 0.00	34.33 0.29 0.00	39.74 0.23 0.00	34.99 0.28 0.00	33.86 0.19 0.00	36.02 0.23 0.00	36.98 0.20 0.00	36.86 0.13 0.00	38.41 0.34 0.00	59.64 0.44 0.00	35.93 0.18 0.00	29.99 0.24 0.00	24.82 0.22 0.00	29.11 0.24 0.00	26.07 0.16 0.00
BETHLEHEM___GS2 323561	23.04 0.20 0.00	23.09 0.15 0.00	23.70 0.18 0.00	26.25 0.20 0.00	26.03 0.23 0.00	32.30 0.23 0.00	39.79 0.26 0.00	46.18 0.50 0.00	104.02 1.18 0.00	52.94 0.53 0.00	34.33 0.29 0.00	39.74 0.23 0.00	34.99 0.28 0.00	33.86 0.19 0.00	36.02 0.23 0.00	36.98 0.20 0.00	36.86 0.13 0.00	38.41 0.34 0.00	59.64 0.44 0.00	35.93 0.18 0.00	29.99 0.24 0.00	24.82 0.22 0.00	29.11 0.24 0.00	26.07 0.16 0.00
BETHLEHEM___GS3 323562	23.04 0.20 0.00	23.09 0.15 0.00	23.70 0.18 0.00	26.25 0.20 0.00	26.03 0.23 0.00	32.30 0.23 0.00	39.79 0.26 0.00	46.18 0.50 0.00	104.02 1.18 0.00	52.94 0.53 0.00	34.33 0.29 0.00	39.74 0.23 0.00	34.99 0.28 0.00	33.86 0.19 0.00	36.02 0.23 0.00	36.98 0.20 0.00	36.86 0.13 0.00	38.41 0.34 0.00	59.64 0.44 0.00	35.93 0.18 0.00	29.99 0.24 0.00	24.82 0.22 0.00	29.11 0.24 0.00	26.07 0.16 0.00
BETHLEHEM___STEEL 23779	20.91 -1.93 0.00	20.81 -2.13 0.00	21.29 -2.23 0.00	23.66 -2.38 0.00	23.45 -2.36 0.00	29.34 -2.73 0.00	28.65 -3.49 7.40	32.27 -4.16 9.25	93.32 -9.44 0.08	42.36 -5.27 4.78	30.99 -3.05 0.00	36.12 -3.39 0.00	31.67 -3.04 0.00	30.58 -3.09 0.00	32.58 -3.20 0.00	33.70 -3.07 0.00	33.89 -2.83 0.00	35.63 -2.45 0.00	54.98 -4.22 0.00	33.10 -2.65 0.00	27.37 -2.39 0.00	22.66 -1.94 0.00	27.07 -1.80 0.00	24.55 -1.36 0.00
BETHLHEM_115KV_TB1 79974	23.10 0.26 0.00	23.16 0.21 0.00	23.77 0.24 0.00	26.33 0.28 0.00	26.11 0.30 0.00	32.38 0.32 0.00	39.90 0.37 0.00	46.31 0.63 0.00	104.29 1.45 0.00	53.07 0.66 0.00	34.42 0.38 0.00	39.86 0.34 0.00	35.08 0.37 0.00	33.94 0.27 0.00	36.11 0.33 0.00	37.06 0.29 0.00	36.96 0.23 0.00	38.52 0.45 0.00	59.83 0.63 0.00	36.04 0.29 0.00	30.08 0.32 0.00	24.88 0.28 0.00	29.18 0.30 0.00	26.14 0.23 0.00
BETHPAGE_CC_5 323564	24.32 1.48 0.00	24.42 1.48 0.00	25.04 1.52 0.00	48.38 1.74 -20.59	27.51 1.70 0.00	38.72 2.04 -4.62	101.13 2.83 -58.77	65.76 3.44 -16.64	109.90 7.06 0.00	55.69 3.27 0.00	36.35 2.31 0.00	41.92 2.40 0.00	37.04 2.30 -0.03	37.94 2.30 -1.97	40.70 2.60 -2.32	41.78 2.58 -2.43	39.12 2.40 0.00	40.89 2.82 0.00	63.60 4.40 0.00	38.13 2.38 0.00	37.98 2.08 -6.15	26.22 1.62 0.00	30.68 1.81 0.00	27.41 1.50 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	21.04 -1.80 0.00	20.93 -2.01 0.00	21.41 -2.11 0.00	23.80 -2.25 0.00	23.58 -2.23 0.00	29.52 -2.55 0.00	28.78 -3.25 7.51	32.42 -3.87 9.39	93.96 -8.80 0.09	42.69 -4.95 4.78	31.20 -2.84 0.00	36.39 -3.12 0.00	31.89 -2.82 0.00	30.81 -2.86 0.00	32.83 -2.95 0.00	33.96 -2.81 0.00	34.15 -2.58 0.00	35.88 -2.19 0.00	55.36 -3.85 0.00	33.33 -2.43 0.00	27.56 -2.20 0.00	22.82 -1.78 0.00	27.25 -1.63 0.00	24.70 -1.21 0.00

BINGHAMTON___COGEN 23790	22.54 -0.30 0.00	22.56 -0.38 0.00	23.14 -0.39 0.00	25.60 -0.45 0.00	25.38 -0.42 0.00	31.57 -0.50 0.00	38.62 -0.63 0.29	43.21 -0.60 1.87	101.81 -1.01 0.02	50.86 -0.82 0.74	33.57 -0.47 0.00	39.05 -0.46 0.00	34.27 -0.44 0.00	33.29 -0.37 0.00	35.39 -0.39 0.00	36.43 -0.35 0.00	36.43 -0.29 0.00	38.02 -0.05 0.00	59.09 -0.11 0.00	35.54 -0.21 0.00	29.50 -0.26 0.00	24.37 -0.23 0.00	28.69 -0.18 0.00	25.72 -0.18 0.00
BIXINCNT_115KV_LOAD 355685	21.18 -1.66 0.00	20.90 -2.04 0.00	21.52 -2.01 0.00	23.88 -2.16 0.00	23.60 -2.20 0.00	29.55 -2.51 0.00	28.34 -3.00 8.19	32.03 -3.37 10.28	95.36 -7.39 0.09	43.23 -4.40 4.79	31.65 -2.39 0.00	37.22 -2.29 0.00	32.53 -2.19 0.00	31.50 -2.17 0.00	33.78 -2.00 0.00	35.03 -1.74 0.00	35.18 -1.54 0.00	36.70 -1.37 0.00	56.71 -2.49 0.00	34.15 -1.60 0.00	28.33 -1.43 0.00	23.48 -1.12 0.00	28.00 -0.87 0.00	25.35 -0.55 0.00
BLACK RIVER___HYD 24047	22.05 -0.79 0.00	22.16 -0.79 0.00	22.78 -0.74 0.00	25.05 -1.00 0.00	24.90 -0.91 0.00	31.16 -0.91 0.00	38.49 -1.04 0.00	44.64 -1.03 0.00	101.35 -1.50 0.00	51.86 -0.55 0.00	33.50 -0.55 0.00	38.96 -0.55 0.00	34.42 -0.29 0.00	33.38 -0.28 0.00	35.46 -0.32 0.00	36.65 -0.12 0.00	36.83 0.12 0.00	38.53 0.46 0.00	59.75 0.55 0.00	36.10 0.34 0.00	29.96 0.20 0.00	24.68 0.08 0.00	28.85 -0.02 0.00	25.80 -0.10 0.00
BLACKRVR_115KV_TB2 79977	22.05 -0.79 0.00	22.15 -0.79 0.00	22.78 -0.74 0.00	25.05 -1.00 0.00	24.90 -0.91 0.00	31.16 -0.91 0.00	38.49 -1.04 0.00	44.64 -1.03 0.00	101.35 -1.50 0.00	51.86 -0.55 0.00	33.50 -0.55 0.00	38.97 -0.55 0.00	34.42 -0.29 0.00	33.38 -0.28 0.00	35.46 -0.32 0.00	36.65 -0.12 0.00	36.83 0.11 0.00	38.53 0.46 0.00	59.75 0.55 0.00	36.10 0.34 0.00	29.96 0.20 0.00	24.68 0.08 0.00	28.85 -0.02 0.00	25.80 -0.10 0.00
BLISS_WT_PWR 323608	21.09 -1.75 0.00	20.70 -2.24 0.00	21.39 -2.14 0.00	23.73 -2.31 0.00	23.44 -2.37 0.00	29.36 -2.70 0.00	28.15 -3.19 8.19	31.86 -3.54 10.28	95.04 -7.71 0.09	43.03 -4.60 4.79	31.57 -2.47 0.00	37.21 -2.30 0.00	32.46 -2.25 0.00	31.45 -2.22 0.00	33.80 -1.98 0.00	35.07 -1.70 0.00	35.21 -1.51 0.00	36.71 -1.36 0.00	56.66 -2.54 0.00	34.15 -1.60 0.00	28.36 -1.40 0.00	23.49 -1.11 0.00	28.03 -0.84 0.00	25.39 -0.52 0.00
BLUESTONE___WT_PWR 323821	23.89 1.05 0.00	23.89 0.95 0.00	24.48 0.96 0.00	27.09 1.04 0.00	26.90 1.10 0.00	33.59 1.52 0.00	45.56 2.01 -4.02	47.43 1.76 0.00	107.00 4.16 0.00	54.41 1.99 0.00	35.40 1.35 0.00	41.12 1.61 0.00	35.99 1.29 0.00	34.81 1.14 0.00	37.25 1.47 0.00	38.69 1.92 0.00	38.76 2.04 0.00	40.57 2.50 0.00	63.01 3.81 0.00	37.90 2.15 0.00	31.37 1.62 0.00	25.65 1.05 0.00	30.20 1.32 0.00	27.03 1.12 0.00
BLUE_CIRC_CHEM_DRP 24182	23.36 0.52 0.00	23.44 0.49 0.00	24.05 0.53 0.00	26.64 0.59 0.00	26.42 0.62 0.00	32.77 0.70 0.00	40.38 0.85 0.00	46.85 1.17 0.00	105.50 2.66 0.00	53.68 1.26 0.00	34.82 0.78 0.00	40.32 0.81 0.00	35.49 0.78 0.00	34.31 0.64 0.00	36.48 0.70 0.00	37.47 0.69 0.00	37.39 0.67 0.00	38.97 0.90 0.00	60.49 1.29 0.00	36.47 0.72 0.00	30.42 0.66 0.00	25.15 0.55 0.00	29.53 0.65 0.00	26.47 0.56 0.00
BOC_GAS_DRP 24189	23.24 0.39 0.00	23.32 0.38 0.00	23.93 0.41 0.00	26.51 0.46 0.00	26.28 0.47 0.00	32.60 0.53 0.00	40.17 0.64 0.00	46.59 0.91 0.00	104.98 2.13 0.00	53.39 0.97 0.00	34.65 0.60 0.00	40.12 0.61 0.00	35.29 0.58 0.00	34.14 0.47 0.00	36.32 0.54 0.00	37.29 0.52 0.00	37.19 0.47 0.00	38.75 0.68 0.00	60.20 1.00 0.00	36.28 0.53 0.00	30.25 0.49 0.00	25.00 0.40 0.00	29.33 0.46 0.00	26.29 0.38 0.00
BOONVILLE_115KV_TB1 79983	22.97 0.13 0.00	23.06 0.12 0.00	23.67 0.15 0.00	26.10 0.06 0.00	25.89 0.08 0.00	32.32 0.26 0.00	39.95 0.42 0.00	46.25 0.58 0.00	104.48 1.63 0.00	53.31 0.90 0.00	34.59 0.54 0.00	40.14 0.63 0.00	35.32 0.61 0.00	34.35 0.68 0.00	36.47 0.69 0.00	37.52 0.75 0.00	37.55 0.83 0.00	39.12 1.05 0.00	60.73 1.53 0.00	36.68 0.92 0.00	30.47 0.71 0.00	25.15 0.55 0.00	29.46 0.58 0.00	26.38 0.47 0.00
BORALEX_4TH_BRANCH 23824	24.11 1.27 0.00	24.22 1.28 0.00	24.87 1.35 0.00	27.57 1.53 0.00	27.34 1.53 0.00	33.81 1.74 0.00	41.57 2.04 0.00	48.20 2.53 0.00	108.63 5.78 0.00	55.26 2.85 0.00	35.80 1.76 0.00	41.37 1.86 0.00	36.47 1.76 0.00	35.25 1.58 0.00	37.56 1.78 0.00	38.54 1.77 0.00	38.23 1.51 0.00	39.82 1.75 0.00	61.68 2.47 0.00	37.14 1.39 0.00	31.27 1.51 0.00	25.89 1.29 0.00	30.38 1.51 0.00	27.18 1.28 0.00
BOWLINE___1 23526	23.76 0.92 0.00	23.85 0.91 0.00	24.48 0.96 0.00	27.13 1.08 0.00	26.91 1.10 0.00	33.41 1.34 0.00	41.28 1.75 0.00	47.90 2.23 0.00	107.85 5.01 0.00	54.74 2.33 0.00	35.50 1.46 0.00	41.07 1.56 0.00	36.10 1.39 0.00	35.02 1.35 0.00	37.31 1.53 0.00	38.29 1.52 0.00	38.18 1.46 0.00	39.93 1.86 0.00	62.22 3.02 0.00	37.37 1.62 0.00	31.06 1.31 0.00	25.63 1.03 0.00	30.01 1.13 0.00	26.88 0.97 0.00
BOWLINE___2 23595	23.75 0.91 0.00	23.85 0.91 0.00	24.48 0.96 0.00	27.13 1.08 0.00	26.91 1.10 0.00	33.41 1.34 0.00	41.28 1.75 0.00	47.90 2.23 0.00	107.85 5.01 0.00	54.74 2.33 0.00	35.50 1.46 0.00	41.07 1.56 0.00	36.10 1.39 0.00	35.02 1.35 0.00	37.31 1.53 0.00	38.29 1.52 0.00	38.18 1.46 0.00	39.93 1.86 0.00	62.22 3.02 0.00	37.37 1.62 0.00	31.06 1.31 0.00	25.63 1.03 0.00	30.01 1.13 0.00	26.88 0.97 0.00
BRADY___115KV_TB2 356060	23.30 0.46 0.00	23.58 0.64 0.00	24.19 0.67 0.00	26.84 0.79 0.00	26.53 0.72 0.00	33.08 1.02 0.00	40.85 1.32 0.00	47.28 1.60 0.00	106.35 3.51 0.00	54.57 2.16 0.00	35.30 1.25 0.00	41.19 1.67 0.00	36.03 1.32 0.00	34.96 1.29 0.00	36.97 1.19 0.00	38.03 1.26 0.00	37.88 1.16 0.00	38.82 0.75 0.00	60.19 0.99 0.00	36.52 0.76 0.00	30.36 0.60 0.00	25.05 0.45 0.00	29.59 0.72 0.00	26.66 0.75 0.00
BRANSCOMB___SOLAR 323811	23.68 0.84 0.00	23.83 0.90 0.00	24.45 0.93 0.00	27.10 1.05 0.00	26.87 1.06 0.00	33.45 1.38 0.00	41.24 1.71 0.00	47.92 2.24 0.00	108.13 5.29 0.00	55.07 2.66 0.00	35.75 1.71 0.00	41.40 1.89 0.00	36.46 1.75 0.00	35.21 1.54 0.00	37.40 1.61 0.00	38.44 1.66 0.00	38.33 1.61 0.00	39.95 1.89 0.00	61.92 2.72 0.00	37.28 1.53 0.00	31.16 1.40 0.00	25.74 1.15 0.00	30.22 1.34 0.00	26.99 1.09 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	24.59 1.75 0.00	24.67 1.73 0.00	25.30 1.78 0.00	48.72 2.07 -20.59	27.81 2.01 0.00	39.04 2.36 -4.62	101.75 3.45 -58.77	66.41 4.09 -16.64	111.03 8.18 0.00	56.07 3.66 0.00	36.59 2.55 0.00	42.23 2.72 0.00	37.25 2.51 -0.03	38.25 2.62 -1.97	41.09 2.99 -2.32	42.20 3.00 -2.43	39.50 2.78 0.00	41.31 3.24 0.00	64.27 5.07 0.00	38.48 2.73 0.00	38.28 2.37 -6.15	26.45 1.85 0.00	30.98 2.10 0.00	27.69 1.78 0.00



BRISTLHL_115KV_TB1 79998	22.03 -0.81 0.00	22.08 -0.86 0.00	22.62 -0.91 0.00	25.00 -1.05 0.00	24.81 -1.00 0.00	30.86 -1.21 0.00	38.05 -1.49 0.00	44.02 -1.65 0.00	99.19 -3.65 0.00	50.46 -1.95 0.00	32.81 -1.23 0.00	38.08 -1.43 0.00	33.48 -1.23 0.00	32.49 -1.18 0.00	34.53 -1.25 0.00	35.54 -1.24 0.00	35.53 -1.19 0.00	37.04 -1.03 0.00	57.50 -1.70 0.00	34.66 -1.09 0.00	28.82 -0.94 0.00	23.82 -0.78 0.00	27.92 -0.95 0.00	25.05 -0.86 0.00
BROOKHAVEN___DRP 24191	24.43 1.59 0.00	24.54 1.60 0.00	25.20 1.68 0.00	48.62 1.97 -20.59	27.68 1.87 0.00	38.88 2.19 -4.62	101.78 3.48 -58.77	66.25 3.93 -16.64	110.28 7.43 0.00	55.63 3.22 0.00	36.42 2.37 0.00	41.70 2.18 0.00	36.78 2.04 -0.03	37.83 2.19 -1.97	40.80 2.70 -2.32	41.82 2.62 -2.43	39.06 2.34 0.00	40.87 2.80 0.00	63.63 4.43 0.00	37.97 2.22 0.00	38.03 2.12 -6.15	26.23 1.63 0.00	30.69 1.82 0.00	27.46 1.55 0.00
BROOKLYN_NAVY_YARD 23515	23.92 1.08 0.00	24.02 1.07 0.00	24.62 1.09 0.00	27.25 1.20 0.00	27.06 1.25 0.00	33.63 1.56 0.00	41.53 2.00 0.00	48.23 2.56 0.00	108.89 6.05 0.00	55.29 2.88 0.00	35.93 1.89 0.00	41.55 2.03 0.00	36.53 1.82 0.00	35.39 1.72 0.00	37.74 1.96 0.00	38.70 1.92 0.00	38.54 1.82 0.00	40.31 2.24 0.00	62.87 3.67 0.00	37.70 1.95 0.00	31.33 1.57 0.00	25.87 1.27 0.00	30.24 1.36 0.00	27.03 1.13 0.00
BROOKLYN___ARMY_DRP 323595	24.06 1.22 0.00	24.13 1.19 0.00	24.72 1.20 0.00	27.36 1.32 0.00	27.17 1.37 0.00	33.78 1.72 0.00	41.73 2.20 0.00	56.80 2.77 -8.36	109.38 6.53 -0.01	55.56 3.15 0.00	36.09 2.04 0.00	176.49 2.30 -134.69	46.41 2.01 -9.70	81.48 1.90 -45.91	262.67 2.16 -224.73	38.90 2.12 0.00	38.74 2.02 0.00	40.50 2.43 0.00	63.19 3.99 -0.01	52.52 2.15 -14.62	54.67 1.74 -23.17	104.54 1.42 -78.51	53.35 1.51 -22.97	27.20 1.28 -0.01
BROOKVLE_69_KV_TB1 55790	24.42 1.58 0.00	24.49 1.55 0.00	25.13 1.61 0.00	48.47 1.83 -20.59	27.61 1.81 0.00	38.89 2.20 -4.62	101.29 2.99 -58.77	65.97 3.65 -16.64	110.36 7.51 0.00	56.02 3.61 0.00	36.57 2.53 0.00	42.22 2.70 0.00	37.29 2.55 -0.03	38.13 2.50 -1.97	40.88 2.77 -2.32	41.96 2.76 -2.43	39.24 2.52 0.00	40.91 2.84 0.00	63.63 4.43 0.00	38.18 2.43 0.00	38.09 2.19 -6.15	26.35 1.75 0.00	30.80 1.93 0.00	27.52 1.61 0.00
BROOME_2_LFGE 323671	22.55 -0.29 0.00	22.56 -0.38 0.00	23.14 -0.39 0.00	25.60 -0.45 0.00	25.38 -0.42 0.00	31.57 -0.50 0.00	38.61 -0.63 0.29	43.20 -0.61 1.87	101.82 -1.01 0.02	50.86 -0.82 0.74	33.57 -0.47 0.00	39.05 -0.46 0.00	34.27 -0.44 0.00	33.30 -0.37 0.00	35.39 -0.39 0.00	36.43 -0.35 0.00	36.44 -0.29 0.00	38.03 -0.04 0.00	59.09 -0.11 0.00	35.54 -0.21 0.00	29.50 -0.26 0.00	24.37 -0.23 0.00	28.69 -0.18 0.00	25.72 -0.18 0.00
BROOME___LFGE 323600	22.55 -0.29 0.00	22.56 -0.38 0.00	23.14 -0.39 0.00	25.60 -0.45 0.00	25.38 -0.42 0.00	31.57 -0.50 0.00	38.61 -0.63 0.29	43.20 -0.61 1.87	101.82 -1.01 0.02	50.86 -0.82 0.74	33.57 -0.47 0.00	39.05 -0.46 0.00	34.27 -0.44 0.00	33.30 -0.37 0.00	35.39 -0.39 0.00	36.43 -0.35 0.00	36.44 -0.29 0.00	38.03 -0.04 0.00	59.09 -0.11 0.00	35.54 -0.21 0.00	29.50 -0.26 0.00	24.37 -0.23 0.00	28.69 -0.18 0.00	25.72 -0.18 0.00
BROWNFLS_115KV_TB_3_5 80003	22.36 -0.48 0.00	22.59 -0.35 0.00	23.20 -0.32 0.00	25.62 -0.42 0.00	25.36 -0.44 0.00	31.70 -0.37 0.00	39.27 -0.27 0.00	45.55 -0.13 0.00	102.88 0.04 0.00	52.77 0.36 0.00	34.12 0.08 0.00	39.76 0.25 0.00	34.91 0.20 0.00	33.92 0.25 0.00	35.87 0.09 0.00	36.92 0.15 0.00	36.79 0.06 0.00	37.98 -0.09 0.00	58.91 -0.29 0.00	35.67 -0.08 0.00	29.65 -0.11 0.00	24.45 -0.15 0.00	28.76 -0.11 0.00	25.87 -0.04 0.00
BROWNSV1_27_KV_LOAD 356125	24.16 1.31 0.00	24.22 1.28 0.00	24.85 1.33 0.00	27.49 1.44 0.00	27.30 1.49 0.00	33.95 1.88 0.00	41.94 2.41 0.00	48.73 3.05 0.00	109.95 7.11 0.00	55.85 3.44 0.00	36.28 2.24 0.00	41.99 2.47 0.00	36.92 2.21 0.00	35.76 2.09 0.00	38.11 2.33 0.00	39.10 2.33 0.00	38.96 2.24 0.00	40.74 2.67 0.00	63.53 4.33 0.00	38.10 2.35 0.00	31.65 1.90 0.00	26.14 1.54 0.00	30.53 1.66 0.00	27.29 1.38 0.00
BURROWS___LYONSDAL 23803	22.81 -0.04 0.00	22.91 -0.03 0.00	23.53 0.00 0.00	25.92 -0.13 0.00	25.70 -0.10 0.00	32.12 0.05 0.00	39.69 0.15 0.00	45.96 0.28 0.00	103.93 1.09 0.00	53.07 0.66 0.00	34.41 0.36 0.00	39.94 0.43 0.00	35.18 0.47 0.00	34.22 0.55 0.00	36.32 0.54 0.00	37.38 0.61 0.00	37.42 0.70 0.00	39.00 0.93 0.00	60.54 1.33 0.00	36.57 0.82 0.00	30.39 0.63 0.00	25.07 0.47 0.00	29.36 0.49 0.00	26.30 0.39 0.00
CAITHNESS_CC_1 323624	24.40 1.56 0.00	24.53 1.59 0.00	25.17 1.64 0.00	48.57 1.92 -20.59	27.63 1.83 0.00	38.83 2.15 -4.62	101.69 3.39 -58.77	66.18 3.87 -16.64	110.15 7.31 0.00	55.60 3.18 0.00	36.38 2.33 0.00	41.70 2.18 0.00	36.78 2.04 -0.03	37.82 2.18 -1.97	40.76 2.66 -2.32	41.79 2.58 -2.43	39.04 2.32 0.00	40.84 2.77 0.00	63.59 4.39 0.00	37.97 2.22 0.00	37.99 2.09 -6.15	26.20 1.60 0.00	30.68 1.81 0.00	27.44 1.53 0.00
CALPINE BETH_PAGE_GT4 24209	24.28 1.44 0.00	24.35 1.41 0.00	24.98 1.46 0.00	48.32 1.67 -20.59	27.44 1.64 0.00	38.65 1.96 -4.62	101.02 2.72 -58.77	65.63 3.32 -16.64	109.66 6.81 0.00	55.58 3.17 0.00	36.28 2.24 0.00	41.84 2.33 0.00	36.98 2.24 -0.03	37.86 2.23 -1.97	40.61 2.51 -2.32	41.70 2.49 -2.43	39.04 2.32 0.00	40.79 2.72 0.00	63.44 4.24 0.00	38.06 2.30 0.00	37.92 2.01 -6.15	26.17 1.57 0.00	30.62 1.74 0.00	27.35 1.44 0.00
CALPINE_BETH_PAGE_GT_4 323586	24.27 1.43 0.00	24.37 1.43 0.00	24.98 1.46 0.00	48.32 1.67 -20.59	27.44 1.64 0.00	38.65 1.97 -4.62	101.02 2.72 -58.77	65.64 3.32 -16.64	109.65 6.81 0.00	55.58 3.16 0.00	36.28 2.23 0.00	41.84 2.32 0.00	36.98 2.24 -0.03	37.86 2.23 -1.97	40.61 2.51 -2.32	41.70 2.49 -2.43	39.04 2.32 0.00	40.79 2.72 0.00	63.46 4.25 0.00	38.06 2.30 0.00	37.92 2.02 -6.15	26.17 1.57 0.00	30.62 1.75 0.00	27.35 1.44 0.00
CALPINE_BP_GT1 23823	24.27 1.43 0.00	24.37 1.43 0.00	24.98 1.46 0.00	48.32 1.67 -20.59	27.44 1.64 0.00	38.65 1.97 -4.62	101.02 2.72 -58.77	65.64 3.32 -16.64	109.65 6.81 0.00	55.58 3.16 0.00	36.28 2.23 0.00	41.84 2.32 0.00	36.98 2.24 -0.03	37.86 2.23 -1.97	40.61 2.51 -2.32	41.70 2.49 -2.43	39.04 2.32 0.00	40.79 2.72 0.00	63.46 4.25 0.00	38.06 2.30 0.00	37.92 2.02 -6.15	26.17 1.57 0.00	30.62 1.75 0.00	27.35 1.44 0.00
CALSPAN___DRP 24200	20.91 -1.93 0.00	20.81 -2.13 0.00	21.29 -2.23 0.00	23.66 -2.38 0.00	23.45 -2.36 0.00	29.34 -2.73 0.00	28.65 -3.49 7.40	32.27 -4.16 9.25	93.32 -9.44 0.08	42.36 -5.27 4.78	30.99 -3.05 0.00	36.12 -3.39 0.00	31.67 -3.04 0.00	30.58 -3.09 0.00	32.58 -3.20 0.00	33.70 -3.07 0.00	33.89 -2.83 0.00	35.63 -2.45 0.00	54.98 -4.22 0.00	33.10 -2.65 0.00	27.37 -2.39 0.00	22.66 -1.94 0.00	27.07 -1.80 0.00	24.55 -1.36 0.00

CALVERTON___SOLAR 323806	24.47 1.62 0.00	24.61 1.67 0.00	25.26 1.73 0.00	48.69 2.05 -20.59	27.74 1.93 0.00	38.95 2.27 -4.62	101.89 3.59 -58.77	66.37 4.05 -16.64	110.55 7.70 0.00	55.74 3.32 0.00	36.49 2.44 0.00	41.72 2.21 0.00	36.80 2.06 -0.03	37.86 2.22 -1.97	40.88 2.78 -2.32	41.90 2.69 -2.43	39.13 2.41 0.00	40.94 2.87 0.00	63.76 4.56 0.00	38.02 2.27 0.00	38.10 2.19 -6.15	26.27 1.67 0.00	30.74 1.87 0.00	27.51 1.60 0.00
CANDIGU_WT_PWR 323617	21.33 -1.51 0.00	21.25 -1.69 0.00	21.76 -1.76 0.00	24.14 -1.91 0.00	23.95 -1.86 0.00	29.63 -2.44 0.00	21.93 -3.05 14.55	24.41 -3.23 18.03	96.19 -6.49 0.16	35.36 -3.71 13.35	31.85 -2.20 0.00	37.28 -2.23 0.00	32.73 -1.98 0.00	31.72 -1.95 0.00	33.89 -1.89 0.00	35.11 -1.67 0.00	35.18 -1.54 0.00	36.77 -1.30 0.00	57.07 -2.13 0.00	34.37 -1.39 0.00	28.43 -1.33 0.00	23.51 -1.09 0.00	27.95 -0.92 0.00	25.17 -0.74 0.00
CARR STREET_E_SYR 24060	22.18 -0.66 0.00	22.22 -0.72 0.00	22.77 -0.76 0.00	25.17 -0.87 0.00	24.96 -0.84 0.00	31.05 -1.02 0.00	38.19 -1.34 0.00	44.20 -1.48 0.00	99.63 -3.22 0.00	50.65 -1.77 0.00	32.95 -1.10 0.00	38.24 -1.27 0.00	33.60 -1.11 0.00	32.61 -1.06 0.00	34.67 -1.11 0.00	35.67 -1.10 0.00	35.66 -1.07 0.00	37.17 -0.90 0.00	57.69 -1.51 0.00	34.77 -0.98 0.00	28.90 -0.86 0.00	23.89 -0.71 0.00	28.02 -0.85 0.00	25.14 -0.76 0.00
CARTHAGE___PAPER 23857	22.36 -0.48 0.00	22.50 -0.44 0.00	23.13 -0.39 0.00	25.45 -0.60 0.00	25.26 -0.55 0.00	31.63 -0.44 0.00	39.09 -0.44 0.00	45.34 -0.33 0.00	102.76 -0.08 0.00	52.61 0.19 0.00	34.01 -0.04 0.00	39.54 0.03 0.00	34.89 0.18 0.00	33.88 0.21 0.00	35.95 0.17 0.00	37.12 0.35 0.00	37.24 0.52 0.00	38.84 0.77 0.00	60.25 1.05 0.00	36.42 0.67 0.00	30.23 0.47 0.00	24.91 0.30 0.00	29.15 0.28 0.00	26.10 0.19 0.00
CASSADAGA_WT_PWR 323784	21.20 -1.64 0.00	20.99 -1.95 0.00	21.51 -2.02 0.00	23.93 -2.12 0.00	23.73 -2.08 0.00	29.80 -2.27 0.00	28.46 -2.81 8.26	32.31 -3.01 10.36	96.46 -6.29 0.09	43.77 -3.76 4.89	32.01 -2.03 0.00	37.35 -2.16 0.00	32.59 -2.12 0.00	31.55 -2.12 0.00	33.76 -2.03 0.00	34.99 -1.79 0.00	35.00 -1.73 0.00	36.84 -1.23 0.00	57.24 -1.96 0.00	34.45 -1.30 0.00	28.43 -1.33 0.00	23.52 -1.08 0.00	28.05 -0.83 0.00	25.32 -0.59 0.00
CE_DUNWOOD___DRP 24194	23.89 1.05 0.00	23.97 1.03 0.00	24.60 1.07 0.00	27.25 1.20 0.00	27.03 1.22 0.00	33.57 1.51 0.00	41.48 1.95 0.00	48.14 2.46 0.00	108.39 5.54 0.00	55.04 2.63 0.00	35.74 1.70 0.00	41.34 1.83 0.00	36.36 1.65 0.00	35.24 1.57 0.00	37.55 1.77 0.00	38.52 1.75 0.00	38.39 1.67 0.00	40.16 2.09 0.00	62.54 3.34 0.00	37.55 1.80 0.00	31.23 1.47 0.00	25.78 1.19 0.00	30.16 1.28 0.00	27.00 1.08 0.00
CE_MILLWOOD___DRP 24193	23.86 1.03 0.00	23.93 0.99 0.00	24.57 1.04 0.00	27.21 1.16 0.00	26.99 1.19 0.00	33.53 1.46 0.00	41.43 1.90 0.00	48.06 2.38 0.00	108.25 5.41 0.00	54.94 2.53 0.00	35.67 1.63 0.00	41.27 1.76 0.00	36.29 1.58 0.00	35.18 1.52 0.00	37.49 1.70 0.00	38.46 1.68 0.00	38.33 1.61 0.00	40.09 2.02 0.00	62.45 3.25 0.00	37.50 1.74 0.00	31.18 1.42 0.00	25.74 1.14 0.00	30.11 1.24 0.00	26.96 1.05 0.00
CE_NYC2_DRP 24202	23.96 1.12 0.00	24.03 1.09 0.00	24.63 1.11 0.00	27.25 1.20 0.00	27.06 1.25 0.00	33.63 1.56 0.00	41.54 2.01 0.00	48.26 2.59 0.00	108.94 6.10 0.00	55.34 2.93 0.00	35.96 1.92 0.00	41.63 2.11 0.00	36.58 1.87 0.00	35.44 1.77 0.00	37.78 2.00 0.00	38.71 1.94 0.00	38.55 1.83 0.00	40.33 2.26 0.00	62.89 3.68 0.00	37.72 1.96 0.00	31.34 1.58 0.00	25.89 1.30 0.00	30.23 1.35 0.00	27.04 1.13 0.00
CE_NYC_DRP 24195	23.94 1.10 0.00	24.02 1.07 0.00	24.64 1.11 0.00	27.27 1.22 0.00	27.08 1.28 0.00	33.66 1.59 0.00	41.55 2.02 0.00	48.25 2.58 0.00	108.89 6.05 0.00	55.32 2.90 0.00	35.94 1.90 0.00	41.57 2.06 0.00	36.55 1.85 0.00	35.41 1.74 0.00	37.74 1.96 0.00	38.71 1.94 0.00	38.56 1.84 0.00	40.32 2.25 0.00	62.88 3.67 0.00	37.70 1.95 0.00	31.33 1.57 0.00	25.87 1.27 0.00	30.25 1.37 0.00	27.04 1.14 0.00
CHAFFEE___LFGE 323603	21.04 -1.80 0.00	20.88 -2.06 0.00	21.41 -2.12 0.00	23.78 -2.26 0.00	23.57 -2.23 0.00	29.50 -2.56 0.00	28.47 -3.26 7.80	32.00 -3.90 9.77	93.85 -8.90 0.09	42.65 -4.98 4.79	31.16 -2.88 0.00	36.33 -3.18 0.00	31.83 -2.88 0.00	30.75 -2.92 0.00	32.74 -3.04 0.00	33.87 -2.90 0.00	34.06 -2.67 0.00	35.81 -2.26 0.00	55.21 -3.99 0.00	33.25 -2.51 0.00	27.47 -2.29 0.00	22.74 -1.85 0.00	27.16 -1.71 0.00	24.63 -1.28 0.00
CHATEAUG_35_KV_LOAD 355732	23.38 0.54 0.00	23.65 0.71 0.00	24.29 0.77 0.00	27.03 0.98 0.00	26.51 0.71 0.00	32.96 0.89 0.00	40.78 1.25 0.00	47.30 1.62 0.00	106.23 3.38 0.00	54.17 1.76 0.00	35.22 1.18 0.00	41.00 1.49 0.00	35.97 1.26 0.00	34.77 1.10 0.00	36.96 1.18 0.00	38.17 1.40 0.00	38.17 1.45 0.00	39.30 1.23 0.00	60.91 1.71 0.00	36.87 1.11 0.00	30.79 1.03 0.00	25.41 0.81 0.00	29.88 1.01 0.00	26.97 1.06 0.00
CHATEAUG_WT_PWR 323614	23.33 0.49 0.00	23.61 0.67 0.00	24.24 0.71 0.00	26.96 0.91 0.00	26.44 0.63 0.00	32.83 0.76 0.00	40.59 1.06 0.00	47.14 1.47 0.00	105.88 3.04 0.00	54.00 1.59 0.00	35.10 1.06 0.00	40.85 1.34 0.00	35.85 1.15 0.00	34.67 1.00 0.00	36.87 1.09 0.00	38.05 1.28 0.00	38.03 1.31 0.00	39.18 1.12 0.00	60.75 1.55 0.00	36.75 1.00 0.00	30.69 0.94 0.00	25.36 0.76 0.00	29.81 0.94 0.00	26.91 1.00 0.00
CHAT_HIGH_FALL_HYD 323578	23.38 0.54 0.00	23.65 0.71 0.00	24.29 0.77 0.00	27.03 0.98 0.00	26.51 0.71 0.00	32.96 0.89 0.00	40.78 1.25 0.00	47.30 1.62 0.00	106.23 3.38 0.00	54.17 1.76 0.00	35.22 1.18 0.00	41.00 1.49 0.00	35.97 1.26 0.00	34.77 1.10 0.00	36.96 1.18 0.00	38.17 1.40 0.00	38.17 1.45 0.00	39.30 1.23 0.00	60.91 1.71 0.00	36.87 1.11 0.00	30.79 1.03 0.00	25.41 0.81 0.00	29.88 1.01 0.00	26.97 1.06 0.00
CHAUTAUQUA___LFGE 323629	21.00 -1.84 0.00	20.79 -2.15 0.00	21.33 -2.19 0.00	23.71 -2.34 0.00	23.49 -2.31 0.00	29.47 -2.60 0.00	28.25 -3.33 7.95	31.91 -3.81 9.96	94.58 -8.17 0.09	42.78 -4.74 4.90	31.36 -2.68 0.00	36.60 -2.91 0.00	31.95 -2.76 0.00	30.93 -2.74 0.00	33.02 -2.77 0.00	34.20 -2.58 0.00	34.27 -2.45 0.00	36.07 -1.99 0.00	55.93 -3.27 0.00	33.65 -2.10 0.00	27.80 -1.96 0.00	23.00 -1.60 0.00	27.45 -1.42 0.00	24.82 -1.09 0.00
CHERRYST_13_KV_LD 356241	24.01 1.17 0.00	24.08 1.13 0.00	24.70 1.18 0.00	27.34 1.29 0.00	27.15 1.34 0.00	33.75 1.69 0.00	41.68 2.14 0.00	48.40 2.72 0.00	109.23 6.39 0.00	55.49 3.08 0.00	36.06 2.01 0.00	41.71 2.20 0.00	36.68 1.97 0.00	35.53 1.86 0.00	37.87 2.09 0.00	38.84 2.06 0.00	38.69 1.97 0.00	40.46 2.39 0.00	63.07 3.87 0.00	37.81 2.06 0.00	31.42 1.66 0.00	25.95 1.35 0.00	30.33 1.46 0.00	27.11 1.20 0.00

CHESTROR_138KV_BK263 355645	23.67 0.83 0.00	23.74 0.80 0.00	24.37 0.84 0.00	27.00 0.95 0.00	26.77 0.97 0.00	33.25 1.18 0.00	41.07 1.54 0.00	47.62 1.95 0.00	107.24 4.40 0.00	54.46 2.05 0.00	35.33 1.28 0.00	40.88 1.37 0.00	35.93 1.22 0.00	34.84 1.17 0.00	37.11 1.33 0.00	38.10 1.33 0.00	38.01 1.29 0.00	39.74 1.67 0.00	61.87 2.67 0.00	37.18 1.43 0.00	30.92 1.16 0.00	25.53 0.93 0.00	29.87 1.00 0.00	26.76 0.85 0.00
CH_MIDHUDSON___DRP 24192	23.90 1.06 0.00	23.96 1.02 0.00	24.58 1.05 0.00	27.22 1.17 0.00	27.00 1.19 0.00	33.57 1.51 0.00	41.47 1.93 0.00	48.09 2.42 0.00	108.31 5.46 0.00	55.02 2.61 0.00	35.71 1.66 0.00	41.31 1.80 0.00	36.33 1.62 0.00	35.20 1.54 0.00	37.45 1.66 0.00	38.43 1.66 0.00	38.33 1.61 0.00	40.11 2.04 0.00	62.39 3.19 0.00	37.50 1.74 0.00	31.20 1.45 0.00	25.76 1.16 0.00	30.14 1.26 0.00	26.98 1.07 0.00
CH_MISC_IPPS 23765	24.03 1.19 0.00	24.09 1.15 0.00	24.71 1.19 0.00	27.37 1.32 0.00	27.15 1.34 0.00	33.77 1.70 0.00	41.74 2.21 0.00	48.44 2.77 0.00	109.08 6.24 0.00	55.39 2.98 0.00	35.95 1.91 0.00	41.59 2.08 0.00	36.56 1.85 0.00	35.43 1.76 0.00	37.70 1.91 0.00	38.69 1.92 0.00	38.61 1.89 0.00	40.41 2.34 0.00	62.88 3.68 0.00	37.79 2.04 0.00	31.43 1.67 0.00	25.93 1.33 0.00	30.33 1.45 0.00	27.14 1.24 0.00
CH_RES_BVR_FALLS 23983	22.81 -0.03 0.00	22.97 0.03 0.00	23.54 0.01 0.00	26.08 0.03 0.00	25.77 -0.03 0.00	32.08 0.01 0.00	39.55 0.02 0.00	45.68 0.00 0.00	102.80 -0.04 0.00	52.53 0.12 0.00	34.11 0.06 0.00	39.69 0.18 0.00	34.89 0.18 0.00	33.84 0.17 0.00	35.86 0.08 0.00	36.88 0.11 0.00	36.88 0.15 0.00	38.04 -0.03 0.00	59.11 -0.10 0.00	35.80 0.05 0.00	29.81 0.05 0.00	24.63 0.03 0.00	28.98 0.11 0.00	26.03 0.12 0.00
CH_RES_NIAGARA 23895	20.02 -2.82 0.00	19.89 -3.05 0.00	20.40 -3.13 0.00	22.68 -3.37 0.00	22.47 -3.34 0.00	28.13 -3.94 0.00	28.04 -5.11 6.37	31.38 -6.35 7.94	88.11 -14.66 0.07	40.57 -7.84 4.01	29.35 -4.69 0.00	34.12 -5.39 0.00	29.95 -4.76 0.00	28.84 -4.83 0.00	30.69 -5.09 0.00	31.75 -5.02 0.00	31.95 -4.77 0.00	33.64 -4.43 0.00	51.68 -7.53 0.00	31.13 -4.62 0.00	25.77 -3.99 0.00	21.37 -3.23 0.00	25.61 -3.27 0.00	23.37 -2.54 0.00
CH_RES_SYRACUSE 23985	22.39 -0.45 0.00	22.42 -0.52 0.00	22.98 -0.54 0.00	25.41 -0.64 0.00	25.19 -0.62 0.00	31.34 -0.72 0.00	38.65 -0.88 0.00	44.72 -0.95 0.00	100.86 -1.98 0.00	51.27 -1.14 0.00	33.34 -0.70 0.00	38.71 -0.80 0.00	34.01 -0.70 0.00	33.01 -0.66 0.00	35.09 -0.70 0.00	36.09 -0.68 0.00	36.09 -0.63 0.00	37.63 -0.44 0.00	58.46 -0.74 0.00	35.23 -0.52 0.00	29.27 -0.49 0.00	24.20 -0.40 0.00	28.36 -0.51 0.00	25.44 -0.47 0.00
CLINTON_WT_PWR 323605	23.33 0.49 0.00	23.61 0.67 0.00	24.24 0.71 0.00	26.96 0.91 0.00	26.44 0.63 0.00	32.83 0.76 0.00	40.59 1.06 0.00	47.14 1.47 0.00	105.88 3.04 0.00	54.00 1.59 0.00	35.10 1.06 0.00	40.85 1.34 0.00	35.85 1.15 0.00	34.67 1.00 0.00	36.87 1.09 0.00	38.05 1.28 0.00	38.03 1.31 0.00	39.18 1.12 0.00	60.75 1.55 0.00	36.75 1.00 0.00	30.69 0.94 0.00	25.36 0.76 0.00	29.81 0.94 0.00	26.91 1.00 0.00
CLINTON___LFGE 323618	23.69 0.85 0.00	23.99 1.05 0.00	24.61 1.08 0.00	27.35 1.30 0.00	26.80 0.99 0.00	33.23 1.16 0.00	41.13 1.60 0.00	47.92 2.24 0.00	107.56 4.71 0.00	54.85 2.43 0.00	35.65 1.60 0.00	41.43 1.92 0.00	36.36 1.66 0.00	35.16 1.50 0.00	37.42 1.64 0.00	38.59 1.82 0.00	38.58 1.86 0.00	39.80 1.73 0.00	61.66 2.46 0.00	37.30 1.55 0.00	31.15 1.40 0.00	25.73 1.13 0.00	30.21 1.34 0.00	27.28 1.37 0.00
COBBLENY_34_KV_TB1 80064	21.02 -1.82 0.00	20.92 -2.02 0.00	21.41 -2.12 0.00	23.79 -2.26 0.00	23.57 -2.23 0.00	29.50 -2.57 0.00	28.46 -3.27 7.80	32.00 -3.91 9.77	93.85 -8.90 0.09	42.63 -4.99 4.79	31.15 -2.89 0.00	36.31 -3.20 0.00	31.84 -2.87 0.00	30.75 -2.92 0.00	32.74 -3.04 0.00	33.87 -2.90 0.00	34.06 -2.67 0.00	35.80 -2.27 0.00	55.23 -3.97 0.00	33.25 -2.51 0.00	27.48 -2.27 0.00	22.75 -1.85 0.00	27.16 -1.71 0.00	24.63 -1.28 0.00
COFFEEN___115KV_TB3 355620	22.13 -0.71 0.00	22.24 -0.70 0.00	22.86 -0.66 0.00	25.14 -0.91 0.00	24.99 -0.81 0.00	31.29 -0.78 0.00	38.69 -0.84 0.00	44.90 -0.77 0.00	101.93 -0.91 0.00	52.12 -0.29 0.00	33.67 -0.38 0.00	39.15 -0.36 0.00	34.59 -0.12 0.00	33.54 -0.12 0.00	35.64 -0.15 0.00	36.83 0.06 0.00	37.03 0.30 0.00	38.77 0.70 0.00	60.11 0.91 0.00	36.31 0.56 0.00	30.12 0.36 0.00	24.80 0.20 0.00	28.98 0.10 0.00	25.89 -0.02 0.00
COLDSPRG_115KV_BK1 355956	21.83 -1.01 0.00	21.70 -1.23 0.00	22.22 -1.30 0.00	24.69 -1.36 0.00	24.48 -1.33 0.00	30.64 -1.43 0.00	29.01 -1.76 8.76	32.80 -1.87 11.00	98.84 -3.90 0.10	45.02 -2.54 4.86	32.68 -1.37 0.00	38.20 -1.31 0.00	33.44 -1.27 0.00	32.37 -1.30 0.00	34.54 -1.24 0.00	35.72 -1.05 0.00	35.80 -0.93 0.00	37.56 -0.51 0.00	58.33 -0.88 0.00	35.04 -0.71 0.00	28.89 -0.87 0.00	23.91 -0.69 0.00	28.50 -0.37 0.00	25.72 -0.19 0.00
COLONIE_LFGE___ 323577	23.58 0.74 0.00	23.69 0.75 0.00	24.31 0.79 0.00	26.95 0.90 0.00	26.71 0.91 0.00	33.16 1.09 0.00	40.84 1.31 0.00	47.39 1.72 0.00	106.80 3.95 0.00	54.37 1.95 0.00	35.25 1.21 0.00	40.81 1.29 0.00	35.93 1.22 0.00	34.73 1.06 0.00	36.93 1.15 0.00	37.93 1.16 0.00	37.77 1.05 0.00	39.37 1.30 0.00	61.05 1.85 0.00	36.78 1.03 0.00	30.77 1.01 0.00	25.44 0.84 0.00	29.85 0.98 0.00	26.72 0.81 0.00
COOPERNY_115KV_TB1 80082	23.43 0.59 0.00	23.51 0.57 0.00	24.13 0.60 0.00	26.72 0.68 0.00	26.50 0.69 0.00	32.90 0.83 0.00	40.62 1.09 0.00	47.07 1.39 0.00	106.02 3.18 0.00	53.85 1.44 0.00	34.94 0.90 0.00	40.48 0.96 0.00	35.55 0.84 0.00	34.48 0.81 0.00	36.71 0.93 0.00	37.70 0.93 0.00	37.63 0.91 0.00	39.27 1.20 0.00	61.13 1.92 0.00	36.78 1.02 0.00	30.58 0.82 0.00	25.26 0.66 0.00	29.58 0.71 0.00	26.52 0.61 0.00
COPENHAGEN_WT_PWR 323753	21.86 -0.98 0.00	21.97 -0.97 0.00	22.61 -0.91 0.00	24.83 -1.22 0.00	24.70 -1.10 0.00	30.89 -1.18 0.00	38.09 -1.44 0.00	44.16 -1.52 0.00	100.36 -2.49 0.00	51.41 -1.00 0.00	33.16 -0.88 0.00	38.60 -0.91 0.00	34.16 -0.55 0.00	33.10 -0.57 0.00	35.18 -0.60 0.00	36.39 -0.39 0.00	36.59 -0.14 0.00	38.29 0.22 0.00	59.40 0.20 0.00	35.88 0.13 0.00	29.79 0.04 0.00	24.55 -0.05 0.00	28.72 -0.15 0.00	25.68 -0.22 0.00
CORNELL_____ 23752	22.92 0.08 0.00	22.94 -0.01 0.00	23.49 -0.03 0.00	25.99 -0.05 0.00	25.78 -0.03 0.00	32.13 0.05 -0.01	73.46 0.18 -33.75	92.35 0.63 -46.05	104.86 1.59 -0.42	71.40 0.55 -18.44	34.47 0.42 0.00	40.00 0.49 0.00	35.14 0.43 0.00	34.11 0.44 0.00	36.15 0.37 0.00	37.16 0.38 0.00	37.19 0.47 0.00	38.83 0.76 0.00	60.36 1.16 0.00	36.35 0.60 0.00	30.16 0.40 0.00	24.89 0.29 0.00	29.19 0.32 0.00	26.16 0.25 0.00

CORONA_69_KV_TB1 355595	24.25 1.41 0.00	24.38 1.44 0.00	25.00 1.48 0.00	48.32 1.68 -20.59	27.47 1.67 0.00	38.70 2.01 -4.62	100.94 2.64 -58.77	65.52 3.21 -16.64	109.47 6.62 0.00	55.51 3.09 0.00	36.24 2.20 0.00	41.85 2.34 0.00	36.96 2.22 -0.03	37.80 2.16 -1.97	40.44 2.33 -2.32	41.57 2.36 -2.43	38.97 2.25 0.00	40.75 2.68 0.00	63.36 4.16 0.00	38.02 2.27 0.00	37.89 1.99 -6.15	26.14 1.54 0.00	30.58 1.70 0.00	27.33 1.42 0.00
CORTLAND_115KV_TB3 80093	22.76 -0.09 0.00	22.79 -0.16 0.00	23.35 -0.18 0.00	25.82 -0.22 0.00	25.62 -0.19 0.00	31.89 -0.18 0.00	48.50 -0.16 -9.12	58.40 0.03 -12.69	103.26 0.30 -0.12	57.40 -0.06 -5.05	34.04 0.00 0.00	39.53 0.01 0.00	34.73 0.02 0.00	33.72 0.05 0.00	35.81 0.03 0.00	36.83 0.05 0.00	36.84 0.12 0.00	38.43 0.36 0.00	59.70 0.50 0.00	35.94 0.19 0.00	29.85 0.09 0.00	24.66 0.06 0.00	28.93 0.06 0.00	25.93 0.02 0.00
COXSACKIE___GT 23611	24.24 1.40 0.00	24.28 1.34 0.00	24.91 1.39 0.00	27.60 1.55 0.00	27.42 1.61 0.00	34.06 1.99 0.00	42.16 2.63 0.00	49.11 3.44 0.00	110.94 8.10 0.00	56.48 4.07 0.00	36.57 2.52 0.00	42.31 2.80 0.00	37.21 2.51 0.00	35.98 2.32 0.00	38.12 2.33 0.00	39.11 2.34 0.00	39.25 2.52 0.00	41.12 3.05 0.00	63.68 4.48 0.00	38.36 2.61 0.00	31.89 2.13 0.00	26.28 1.68 0.00	30.84 1.97 0.00	27.59 1.68 0.00
CPV_VALLEY___CC1 323721	23.49 0.65 0.00	23.58 0.64 0.00	24.19 0.67 0.00	26.80 0.75 0.00	26.57 0.77 0.00	32.99 0.92 0.00	40.74 1.20 0.00	47.22 1.55 0.00	106.37 3.53 0.00	54.02 1.61 0.00	35.04 1.00 0.00	40.56 1.05 0.00	35.65 0.94 0.00	34.57 0.90 0.00	36.82 1.04 0.00	37.81 1.03 0.00	37.70 0.98 0.00	39.39 1.32 0.00	61.34 2.14 0.00	36.86 1.11 0.00	30.66 0.91 0.00	25.33 0.73 0.00	29.64 0.77 0.00	26.56 0.66 0.00
CPV_VALLEY___CC2 323722	23.49 0.65 0.00	23.58 0.64 0.00	24.19 0.67 0.00	26.80 0.75 0.00	26.57 0.77 0.00	32.99 0.92 0.00	40.74 1.20 0.00	47.22 1.55 0.00	106.37 3.53 0.00	54.02 1.61 0.00	35.04 1.00 0.00	40.56 1.05 0.00	35.65 0.94 0.00	34.57 0.90 0.00	36.82 1.04 0.00	37.81 1.03 0.00	37.70 0.98 0.00	39.39 1.32 0.00	61.34 2.14 0.00	36.86 1.11 0.00	30.66 0.91 0.00	25.33 0.73 0.00	29.64 0.77 0.00	26.56 0.66 0.00
CRESCENT___HYD 24018	23.58 0.74 0.00	23.69 0.75 0.00	24.31 0.79 0.00	26.95 0.90 0.00	26.71 0.91 0.00	33.16 1.09 0.00	40.84 1.31 0.00	47.39 1.72 0.00	106.80 3.95 0.00	54.37 1.95 0.00	35.25 1.21 0.00	40.81 1.29 0.00	35.93 1.22 0.00	34.73 1.06 0.00	36.93 1.15 0.00	37.93 1.16 0.00	37.77 1.05 0.00	39.37 1.30 0.00	61.05 1.85 0.00	36.78 1.03 0.00	30.77 1.01 0.00	25.44 0.84 0.00	29.85 0.98 0.00	26.72 0.81 0.00
CRICKET___VALLEY_CC1 323756	23.75 0.91 0.00	23.81 0.86 0.00	24.41 0.89 0.00	27.02 0.97 0.00	26.81 1.00 0.00	33.36 1.29 0.00	41.17 1.64 0.00	47.73 2.05 0.00	107.48 4.63 0.00	54.58 2.17 0.00	35.39 1.35 0.00	40.93 1.41 0.00	36.03 1.32 0.00	34.89 1.22 0.00	37.14 1.36 0.00	38.08 1.30 0.00	37.95 1.23 0.00	39.74 1.67 0.00	61.76 2.56 0.00	37.12 1.37 0.00	30.93 1.18 0.00	25.55 0.95 0.00	29.90 1.02 0.00	26.78 0.87 0.00
CRICKET___VALLEY_CC2 323757	23.75 0.91 0.00	23.81 0.86 0.00	24.41 0.89 0.00	27.02 0.97 0.00	26.81 1.00 0.00	33.36 1.29 0.00	41.17 1.64 0.00	47.73 2.05 0.00	107.48 4.63 0.00	54.58 2.17 0.00	35.39 1.35 0.00	40.93 1.41 0.00	36.03 1.32 0.00	34.89 1.22 0.00	37.14 1.36 0.00	38.08 1.30 0.00	37.95 1.23 0.00	39.74 1.67 0.00	61.76 2.56 0.00	37.12 1.37 0.00	30.93 1.18 0.00	25.55 0.95 0.00	29.90 1.02 0.00	26.78 0.87 0.00
CRICKET___VALLEY_CC3 323758	23.75 0.91 0.00	23.81 0.86 0.00	24.41 0.89 0.00	27.02 0.97 0.00	26.81 1.00 0.00	33.36 1.29 0.00	41.17 1.64 0.00	47.73 2.05 0.00	107.48 4.63 0.00	54.58 2.17 0.00	35.39 1.35 0.00	40.93 1.41 0.00	36.03 1.32 0.00	34.89 1.22 0.00	37.14 1.36 0.00	38.08 1.30 0.00	37.95 1.23 0.00	39.74 1.67 0.00	61.76 2.56 0.00	37.12 1.37 0.00	30.93 1.18 0.00	25.55 0.95 0.00	29.90 1.02 0.00	26.78 0.87 0.00
CRUCIBLE_METL_DRP 24180	22.39 -0.45 0.00	22.42 -0.52 0.00	22.98 -0.54 0.00	25.41 -0.64 0.00	25.19 -0.62 0.00	31.34 -0.72 0.00	38.65 -0.88 0.00	44.73 -0.95 0.00	100.86 -1.98 0.00	51.27 -1.14 0.00	33.34 -0.71 0.00	38.71 -0.80 0.00	34.01 -0.70 0.00	33.01 -0.65 0.00	35.09 -0.70 0.00	36.09 -0.68 0.00	36.09 -0.64 0.00	37.62 -0.45 0.00	58.46 -0.75 0.00	35.23 -0.52 0.00	29.28 -0.48 0.00	24.21 -0.40 0.00	28.36 -0.51 0.00	25.44 -0.47 0.00
DAHOWA___HYDRO 323763	23.69 0.85 0.00	23.87 0.93 0.00	24.48 0.96 0.00	27.13 1.08 0.00	26.91 1.11 0.00	33.52 1.46 0.00	41.35 1.82 0.00	48.06 2.38 0.00	108.50 5.66 0.00	55.28 2.87 0.00	35.89 1.84 0.00	41.56 2.05 0.00	36.61 1.90 0.00	35.35 1.68 0.00	37.54 1.75 0.00	38.58 1.81 0.00	38.48 1.75 0.00	40.12 2.05 0.00	62.15 2.95 0.00	37.41 1.66 0.00	31.27 1.52 0.00	25.83 1.23 0.00	30.33 1.46 0.00	27.07 1.17 0.00
DANC___LFGE 323619	21.87 -0.97 0.00	21.95 -0.99 0.00	22.56 -0.97 0.00	24.83 -1.22 0.00	24.68 -1.13 0.00	30.81 -1.26 0.00	37.99 -1.54 0.00	44.01 -1.67 0.00	99.71 -3.14 0.00	50.93 -1.49 0.00	32.96 -1.09 0.00	38.32 -1.20 0.00	33.82 -0.88 0.00	32.79 -0.88 0.00	34.86 -0.93 0.00	35.97 -0.80 0.00	36.09 -0.63 0.00	37.73 -0.34 0.00	58.56 -0.64 0.00	35.34 -0.42 0.00	29.35 -0.41 0.00	24.22 -0.38 0.00	28.34 -0.53 0.00	25.37 -0.54 0.00
DANSKAMMER___1 23586	24.03 1.19 0.00	24.09 1.15 0.00	24.71 1.19 0.00	27.37 1.32 0.00	27.15 1.34 0.00	33.77 1.70 0.00	41.74 2.21 0.00	48.44 2.77 0.00	109.08 6.24 0.00	55.39 2.98 0.00	35.95 1.91 0.00	41.59 2.08 0.00	36.56 1.85 0.00	35.43 1.76 0.00	37.70 1.91 0.00	38.69 1.92 0.00	38.61 1.89 0.00	40.41 2.34 0.00	62.88 3.68 0.00	37.79 2.04 0.00	31.43 1.67 0.00	25.93 1.33 0.00	30.33 1.45 0.00	27.14 1.24 0.00
DANSKAMMER___2 23589	24.03 1.19 0.00	24.09 1.15 0.00	24.71 1.19 0.00	27.37 1.32 0.00	27.15 1.34 0.00	33.77 1.70 0.00	41.74 2.21 0.00	48.44 2.77 0.00	109.08 6.24 0.00	55.39 2.98 0.00	35.95 1.91 0.00	41.59 2.08 0.00	36.56 1.85 0.00	35.43 1.76 0.00	37.70 1.91 0.00	38.69 1.92 0.00	38.61 1.89 0.00	40.41 2.34 0.00	62.88 3.68 0.00	37.79 2.04 0.00	31.43 1.67 0.00	25.93 1.33 0.00	30.33 1.45 0.00	27.14 1.24 0.00
DANSKAMMER___3 23590	24.03 1.19 0.00	24.09 1.15 0.00	24.71 1.19 0.00	27.37 1.32 0.00	27.15 1.34 0.00	33.77 1.70 0.00	41.74 2.21 0.00	48.44 2.77 0.00	109.08 6.24 0.00	55.39 2.98 0.00	35.95 1.91 0.00	41.59 2.08 0.00	36.56 1.85 0.00	35.43 1.76 0.00	37.70 1.91 0.00	38.69 1.92 0.00	38.61 1.89 0.00	40.41 2.34 0.00	62.88 3.68 0.00	37.79 2.04 0.00	31.43 1.67 0.00	25.93 1.33 0.00	30.33 1.45 0.00	27.14 1.24 0.00

DANSKAMMER___4 23591	24.03 1.19 0.00	24.09 1.15 0.00	24.71 1.19 0.00	27.37 1.32 0.00	27.15 1.34 0.00	33.77 1.70 0.00	41.74 2.21 0.00	48.44 2.77 0.00	109.08 6.24 0.00	55.39 2.98 0.00	35.95 1.91 0.00	41.59 2.08 0.00	36.56 1.85 0.00	35.43 1.76 0.00	37.70 1.91 0.00	38.69 1.92 0.00	38.61 1.89 0.00	40.41 2.34 0.00	62.88 3.68 0.00	37.79 2.04 0.00	31.43 1.67 0.00	25.93 1.33 0.00	30.33 1.45 0.00	27.14 1.24 0.00
DANSKAMMER___DIESEL 23592	24.03 1.19 0.00	24.09 1.15 0.00	24.71 1.19 0.00	27.37 1.32 0.00	27.15 1.35 0.00	33.77 1.70 0.00	41.74 2.21 0.00	48.44 2.76 0.00	109.08 6.24 0.00	55.40 2.98 0.00	35.96 1.91 0.00	41.60 2.09 0.00	36.56 1.86 0.00	35.43 1.76 0.00	37.69 1.91 0.00	38.70 1.92 0.00	38.61 1.89 0.00	40.41 2.34 0.00	62.88 3.68 0.00	37.79 2.04 0.00	31.43 1.67 0.00	25.93 1.33 0.00	30.32 1.45 0.00	27.14 1.24 0.00
DARBY___SOLAR 323810	23.67 0.83 0.00	23.83 0.90 0.00	24.45 0.93 0.00	27.10 1.05 0.00	26.87 1.06 0.00	33.46 1.39 0.00	41.27 1.73 0.00	47.92 2.25 0.00	108.16 5.32 0.00	55.12 2.70 0.00	35.78 1.73 0.00	41.44 1.92 0.00	36.49 1.78 0.00	35.24 1.57 0.00	37.43 1.65 0.00	38.47 1.69 0.00	38.36 1.63 0.00	39.98 1.91 0.00	61.97 2.77 0.00	37.29 1.54 0.00	31.18 1.43 0.00	25.76 1.16 0.00	30.24 1.36 0.00	27.01 1.11 0.00
DASHVILLE___HYD 23610	23.86 1.02 0.00	23.93 0.99 0.00	24.55 1.02 0.00	27.19 1.14 0.00	26.97 1.17 0.00	33.51 1.45 0.00	41.42 1.89 0.00	48.05 2.37 0.00	108.18 5.34 0.00	54.96 2.54 0.00	35.66 1.62 0.00	41.26 1.75 0.00	36.25 1.54 0.00	35.12 1.45 0.00	37.38 1.59 0.00	38.35 1.58 0.00	38.26 1.54 0.00	40.05 1.98 0.00	62.34 3.14 0.00	37.46 1.71 0.00	31.15 1.39 0.00	25.70 1.10 0.00	30.06 1.18 0.00	26.90 1.00 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	24.93 2.09 0.00	25.04 2.10 0.00	25.72 2.20 0.00	49.21 2.57 -20.59	28.26 2.46 0.00	39.64 2.95 -4.62	102.77 4.48 -58.77	67.41 5.09 -16.64	112.75 9.90 0.00	56.77 4.36 0.00	37.07 3.03 0.00	42.36 2.85 0.00	37.33 2.59 -0.03	38.36 2.73 -1.97	41.48 3.38 -2.32	42.55 3.35 -2.43	39.82 3.10 0.00	41.69 3.62 0.00	64.76 5.56 0.00	38.60 2.85 0.00	38.55 2.65 -6.15	26.66 2.06 0.00	31.17 2.29 0.00	27.93 2.03 0.00
DELAWARE___LFGE 323621	23.38 0.54 0.00	23.47 0.53 0.00	24.07 0.55 0.00	26.65 0.60 0.00	26.42 0.61 0.00	32.84 0.77 0.00	40.54 1.01 0.00	46.82 1.14 0.00	105.47 2.63 0.00	53.62 1.21 0.00	34.85 0.81 0.00	40.42 0.90 0.00	35.50 0.79 0.00	34.43 0.76 0.00	36.68 0.90 0.00	37.74 0.96 0.00	37.70 0.98 0.00	39.31 1.25 0.00	61.11 1.91 0.00	36.80 1.05 0.00	30.57 0.81 0.00	25.24 0.64 0.00	29.59 0.72 0.00	26.52 0.61 0.00
DERFIELD_115KV_TB7 355931	22.86 0.02 0.00	22.94 0.00 0.00	23.53 0.00 0.00	26.05 0.00 0.00	25.83 0.02 0.00	32.07 0.00 0.00	39.55 0.02 0.00	45.68 0.00 0.00	102.91 0.07 0.00	52.40 -0.01 0.00	34.02 -0.03 0.00	39.47 -0.05 0.00	34.68 -0.03 0.00	33.67 0.00 0.00	35.82 0.03 0.00	36.79 0.02 0.00	36.73 0.01 0.00	38.18 0.11 0.00	59.37 0.17 0.00	35.82 0.07 0.00	29.82 0.06 0.00	24.65 0.05 0.00	28.90 0.03 0.00	25.91 0.01 0.00
DOGLEVILLE___HYD 23807	23.05 0.20 0.00	23.10 0.15 0.00	23.71 0.19 0.00	26.25 0.20 0.00	26.05 0.24 0.00	32.27 0.20 0.00	39.91 0.38 0.00	46.44 0.76 0.00	105.15 2.31 0.00	53.34 0.93 0.00	34.57 0.53 0.00	39.95 0.43 0.00	35.06 0.35 0.00	33.94 0.27 0.00	36.10 0.32 0.00	37.02 0.25 0.00	36.81 0.09 0.00	38.54 0.47 0.00	60.01 0.81 0.00	36.06 0.31 0.00	30.11 0.35 0.00	24.89 0.29 0.00	29.14 0.26 0.00	26.01 0.10 0.00
DUNKIRK___115KV_TB_200 55889	20.98 -1.86 0.00	20.82 -2.12 0.00	21.33 -2.19 0.00	23.70 -2.34 0.00	23.49 -2.32 0.00	29.44 -2.63 0.00	28.25 -3.36 7.92	31.89 -3.87 9.92	94.43 -8.32 0.09	42.67 -4.83 4.90	31.28 -2.77 0.00	36.51 -3.00 0.00	31.90 -2.81 0.00	30.87 -2.80 0.00	32.95 -2.83 0.00	34.11 -2.66 0.00	34.21 -2.51 0.00	35.98 -2.09 0.00	55.78 -3.42 0.00	33.55 -2.21 0.00	27.72 -2.04 0.00	22.93 -1.66 0.00	27.38 -1.49 0.00	24.75 -1.15 0.00
DUNKIRK___1 23563	20.98 -1.86 0.00	20.82 -2.12 0.00	21.33 -2.19 0.00	23.70 -2.34 0.00	23.49 -2.32 0.00	29.44 -2.63 0.00	28.25 -3.36 7.92	31.89 -3.87 9.92	94.43 -8.32 0.09	42.67 -4.83 4.90	31.28 -2.77 0.00	36.51 -3.00 0.00	31.90 -2.81 0.00	30.87 -2.80 0.00	32.95 -2.83 0.00	34.11 -2.66 0.00	34.21 -2.51 0.00	35.98 -2.09 0.00	55.78 -3.42 0.00	33.55 -2.21 0.00	27.72 -2.04 0.00	22.93 -1.66 0.00	27.38 -1.49 0.00	24.75 -1.15 0.00
DUNKIRK___2 23564	20.98 -1.86 0.00	20.82 -2.12 0.00	21.33 -2.19 0.00	23.70 -2.34 0.00	23.49 -2.32 0.00	29.44 -2.63 0.00	28.25 -3.36 7.92	31.89 -3.87 9.92	94.43 -8.32 0.09	42.67 -4.83 4.90	31.28 -2.77 0.00	36.51 -3.00 0.00	31.90 -2.81 0.00	30.87 -2.80 0.00	32.95 -2.83 0.00	34.11 -2.66 0.00	34.21 -2.51 0.00	35.98 -2.09 0.00	55.78 -3.42 0.00	33.55 -2.21 0.00	27.72 -2.04 0.00	22.93 -1.66 0.00	27.38 -1.49 0.00	24.75 -1.15 0.00
DUNKIRK___3 23565	20.97 -1.87 0.00	20.83 -2.11 0.00	21.34 -2.19 0.00	23.70 -2.34 0.00	23.48 -2.33 0.00	29.39 -2.68 0.00	28.31 -3.44 7.78	31.96 -3.96 9.75	94.23 -8.53 0.09	42.57 -4.94 4.90	31.17 -2.87 0.00	36.40 -3.11 0.00	31.83 -2.88 0.00	30.82 -2.84 0.00	32.85 -2.93 0.00	34.00 -2.77 0.00	34.11 -2.61 0.00	35.85 -2.23 0.00	55.56 -3.65 0.00	33.40 -2.35 0.00	27.60 -2.16 0.00	22.84 -1.76 0.00	27.27 -1.61 0.00	24.66 -1.25 0.00
DUNKIRK___4 23566	20.96 -1.88 0.00	20.84 -2.10 0.00	21.33 -2.20 0.00	23.70 -2.34 0.00	23.49 -2.32 0.00	29.42 -2.64 0.00	28.46 -3.38 7.69	32.13 -3.93 9.62	94.15 -8.60 0.09	42.55 -4.93 4.93	31.21 -2.84 0.00	36.42 -3.10 0.00	31.86 -2.85 0.00	30.81 -2.86 0.00	32.86 -2.92 0.00	34.02 -2.76 0.00	34.13 -2.59 0.00	35.90 -2.17 0.00	55.57 -3.63 0.00	33.44 -2.31 0.00	27.63 -2.13 0.00	22.87 -1.73 0.00	27.29 -1.58 0.00	24.71 -1.20 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	23.96 1.12 0.00	24.02 1.08 0.00	24.64 1.12 0.00	27.30 1.25 0.00	27.08 1.27 0.00	33.64 1.58 0.00	41.56 2.03 0.00	48.23 2.55 0.00	108.66 5.82 0.00	55.15 2.74 0.00	35.83 1.79 0.00	41.46 1.95 0.00	36.45 1.74 0.00	35.34 1.67 0.00	37.65 1.87 0.00	38.62 1.84 0.00	38.48 1.76 0.00	40.25 2.18 0.00	62.70 3.50 0.00	37.64 1.89 0.00	31.31 1.55 0.00	25.84 1.24 0.00	30.23 1.36 0.00	27.04 1.14 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	23.87 1.03 0.00	23.94 1.00 0.00	24.56 1.04 0.00	27.21 1.16 0.00	26.99 1.19 0.00	33.54 1.48 0.00	41.47 1.93 0.00	48.10 2.43 0.00	108.35 5.51 0.00	55.02 2.60 0.00	35.70 1.65 0.00	41.30 1.79 0.00	36.28 1.57 0.00	35.17 1.50 0.00	37.44 1.65 0.00	38.43 1.66 0.00	38.35 1.63 0.00	40.12 2.05 0.00	62.46 3.25 0.00	37.53 1.78 0.00	31.22 1.46 0.00	25.76 1.16 0.00	30.13 1.26 0.00	26.98 1.07 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	23.86 1.02 0.00	23.98 1.04 0.00	24.55 1.03 0.00	27.19 1.14 0.00	26.99 1.18 0.00	33.53 1.46 0.00	41.41 1.88 0.00	48.13 2.45 0.00	108.66 5.81 0.00	55.17 2.76 0.00	35.85 1.80 0.00	41.46 1.95 0.00	36.44 1.73 0.00	35.29 1.62 0.00	37.62 1.84 0.00	38.55 1.78 0.00	38.37 1.65 0.00	40.17 2.10 0.00	62.65 3.45 0.00	37.58 1.83 0.00	31.25 1.49 0.00	25.82 1.22 0.00	30.13 1.26 0.00	26.97 1.06 0.00
E179THST_13_KV_LOAD 356214	23.95 1.11 0.00	24.07 1.12 0.00	24.63 1.11 0.00	27.28 1.23 0.00	27.08 1.27 0.00	33.65 1.58 0.00	41.57 2.04 0.00	48.34 2.66 0.00	109.10 6.25 0.00	55.40 2.98 0.00	36.00 1.95 0.00	41.65 2.14 0.00	36.61 1.89 0.00	35.45 1.78 0.00	37.78 2.00 0.00	38.72 1.95 0.00	38.55 1.83 0.00	40.37 2.30 0.00	62.95 3.74 0.00	37.76 2.01 0.00	31.38 1.62 0.00	25.93 1.33 0.00	30.27 1.40 0.00	27.08 1.17 0.00
EAST HAMPTON___GT 23717	25.14 2.30 0.00	25.27 2.33 0.00	25.94 2.42 0.00	49.46 2.82 -20.59	28.50 2.70 0.00	39.96 3.27 -4.62	103.18 4.88 -58.77	67.88 5.56 -16.64	113.77 10.92 0.00	57.24 4.82 0.00	37.31 3.26 0.00	42.60 3.09 0.00	37.53 2.79 -0.03	38.58 2.94 -1.97	41.72 3.62 -2.32	42.83 3.63 -2.43	40.12 3.39 0.00	41.97 3.90 0.00	65.06 5.86 0.00	38.79 3.04 0.00	38.67 2.76 -6.15	26.77 2.17 0.00	31.31 2.43 0.00	28.11 2.20 0.00
EAST RIVER___6 23660	23.96 1.12 0.00	24.05 1.11 0.00	24.66 1.14 0.00	27.30 1.25 0.00	27.11 1.30 0.00	33.70 1.63 0.00	41.55 2.02 0.00	48.23 2.56 0.00	108.88 6.04 0.00	55.32 2.91 0.00	35.94 1.90 0.00	41.58 2.07 0.00	36.57 1.86 0.00	35.42 1.75 0.00	37.76 1.98 0.00	38.73 1.96 0.00	38.60 1.87 0.00	40.35 2.29 0.00	62.93 3.73 0.00	37.72 1.97 0.00	31.35 1.59 0.00	25.88 1.28 0.00	30.25 1.38 0.00	27.03 1.12 0.00
EAST RIVER___7 23524	23.96 1.12 0.00	24.05 1.11 0.00	24.66 1.14 0.00	27.30 1.25 0.00	27.11 1.30 0.00	33.70 1.63 0.00	41.55 2.02 0.00	48.23 2.56 0.00	108.88 6.04 0.00	55.32 2.91 0.00	35.94 1.90 0.00	41.58 2.07 0.00	36.57 1.86 0.00	35.42 1.75 0.00	37.76 1.98 0.00	38.73 1.96 0.00	38.60 1.87 0.00	40.35 2.29 0.00	62.93 3.73 0.00	37.72 1.97 0.00	31.35 1.59 0.00	25.88 1.28 0.00	30.25 1.38 0.00	27.03 1.12 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	23.89 1.05 0.00	23.97 1.03 0.00	24.60 1.07 0.00	27.25 1.20 0.00	27.03 1.22 0.00	33.57 1.51 0.00	41.48 1.95 0.00	48.14 2.46 0.00	108.39 5.54 0.00	55.04 2.63 0.00	35.74 1.70 0.00	41.34 1.83 0.00	36.36 1.65 0.00	35.24 1.57 0.00	37.55 1.77 0.00	38.52 1.75 0.00	38.39 1.67 0.00	40.16 2.09 0.00	62.54 3.34 0.00	37.55 1.80 0.00	31.23 1.47 0.00	25.78 1.19 0.00	30.16 1.28 0.00	27.00 1.08 0.00
EAST_HAMPTON___DIESEL 23722	25.14 2.30 0.00	25.27 2.33 0.00	25.95 2.42 0.00	49.47 2.82 -20.59	28.50 2.70 0.00	39.96 3.27 -4.62	103.18 4.88 -58.77	67.87 5.56 -16.64	113.77 10.92 0.00	57.23 4.81 0.00	37.30 3.26 0.00	42.59 3.08 0.00	37.52 2.78 -0.03	38.56 2.92 -1.97	41.71 3.61 -2.32	42.81 3.61 -2.43	40.10 3.38 0.00	41.95 3.88 0.00	65.01 5.81 0.00	38.76 3.00 0.00	38.65 2.74 -6.15	26.75 2.16 0.00	31.29 2.42 0.00	28.11 2.20 0.00
EAST_PULASKI___ESR 323781	21.96 -0.88 0.00	22.02 -0.92 0.00	22.58 -0.95 0.00	24.91 -1.13 0.00	24.74 -1.07 0.00	30.82 -1.25 0.00	38.02 -1.52 0.00	44.01 -1.66 0.00	99.38 -3.46 0.00	50.63 -1.78 0.00	32.86 -1.19 0.00	38.17 -1.35 0.00	33.59 -1.12 0.00	32.59 -1.08 0.00	34.64 -1.14 0.00	35.69 -1.09 0.00	35.73 -0.99 0.00	37.29 -0.78 0.00	57.89 -1.31 0.00	34.91 -0.84 0.00	29.01 -0.75 0.00	23.96 -0.64 0.00	28.07 -0.81 0.00	25.15 -0.75 0.00
EAST_RIVER___1 323558	23.94 1.10 0.00	24.03 1.08 0.00	24.64 1.11 0.00	27.27 1.23 0.00	27.08 1.28 0.00	33.66 1.59 0.00	41.55 2.02 0.00	48.25 2.58 0.00	108.89 6.04 0.00	55.31 2.90 0.00	35.94 1.89 0.00	41.57 2.05 0.00	36.55 1.84 0.00	35.41 1.74 0.00	37.74 1.96 0.00	38.71 1.94 0.00	38.57 1.84 0.00	40.31 2.25 0.00	62.87 3.67 0.00	37.70 1.94 0.00	31.33 1.57 0.00	25.87 1.28 0.00	30.25 1.38 0.00	27.04 1.14 0.00
EAST_RIVER___2 323559	23.96 1.12 0.00	24.05 1.11 0.00	24.66 1.14 0.00	27.30 1.25 0.00	27.11 1.30 0.00	33.70 1.63 0.00	41.55 2.02 0.00	48.23 2.56 0.00	108.88 6.04 0.00	55.32 2.91 0.00	35.94 1.90 0.00	41.58 2.07 0.00	36.57 1.86 0.00	35.42 1.75 0.00	37.76 1.98 0.00	38.73 1.96 0.00	38.60 1.87 0.00	40.35 2.29 0.00	62.93 3.73 0.00	37.72 1.97 0.00	31.35 1.59 0.00	25.88 1.28 0.00	30.25 1.38 0.00	27.03 1.12 0.00
EAST___DELAWARE_HYD 23607	23.69 0.85 0.00	23.77 0.82 0.00	24.37 0.85 0.00	27.01 0.96 0.00	26.80 1.00 0.00	33.34 1.27 0.00	41.28 1.75 0.00	47.91 2.23 0.00	107.87 5.03 0.00	54.85 2.44 0.00	35.55 1.50 0.00	41.11 1.59 0.00	35.40 0.69 0.00	34.07 0.40 0.00	36.29 0.51 0.00	37.27 0.49 0.00	37.23 0.51 0.00	38.95 0.88 0.00	60.63 1.43 0.00	36.55 0.80 0.00	31.06 1.31 0.00	25.61 1.01 0.00	29.93 1.06 0.00	26.79 0.88 0.00
EIGHT_POINT___WT_PWR 323820	21.06 -1.78 0.00	21.27 -1.67 0.01	21.65 -1.87 0.00	24.06 -1.99 0.00	24.03 -1.78 0.00	29.13 -2.93 0.00	17.52 -3.59 18.42	18.79 -3.74 23.15	95.30 -7.33 0.21	43.26 -3.69 5.46	31.92 -2.13 0.00	37.37 -2.14 0.00	32.87 -1.84 0.00	31.68 -1.99 0.00	34.02 -1.76 0.00	35.38 -1.39 0.00	35.46 -1.26 0.00	37.03 -1.04 0.00	57.52 -1.68 0.00	34.65 -1.10 0.00	28.68 -1.08 0.00	23.78 -0.82 0.00	28.29 -0.58 0.00	25.50 -0.41 0.00
ELBRIDGE_115KV_TB2 80188	22.28 -0.56 0.00	22.31 -0.63 0.00	22.87 -0.65 0.00	25.29 -0.75 0.00	25.05 -0.76 0.00	31.20 -0.87 0.00	38.47 -1.06 0.00	44.48 -1.19 0.00	100.25 -2.59 0.00	50.94 -1.47 0.00	33.15 -0.90 0.00	38.47 -1.04 0.00	33.80 -0.91 0.00	32.81 -0.86 0.00	34.87 -0.91 0.00	35.87 -0.90 0.00	35.86 -0.86 0.00	37.39 -0.68 0.00	58.15 -1.05 0.00	35.04 -0.71 0.00	29.11 -0.65 0.00	24.08 -0.52 0.00	28.21 -0.66 0.00	25.31 -0.60 0.00
ELEC_TRO_TEK 24086	24.21 1.37 0.00	24.29 1.35 0.00	24.91 1.39 0.00	48.23 1.59 -20.59	27.38 1.57 0.00	38.57 1.89 -4.62	100.87 2.57 -58.77	65.44 3.13 -16.64	109.40 6.55 0.00	55.45 3.04 0.00	36.20 2.15 0.00	41.76 2.25 0.00	36.87 2.13 -0.03	37.73 2.10 -1.97	40.46 2.36 -2.32	41.53 2.32 -2.43	38.88 2.15 0.00	40.63 2.57 0.00	63.22 4.02 0.00	37.91 2.16 0.00	37.81 1.90 -6.15	26.08 1.48 0.00	30.52 1.65 0.00	27.28 1.37 0.00
ELLENBURG_WT_PWR 323604	23.33 0.49 0.00	23.61 0.67 0.00	24.24 0.71 0.00	26.96 0.91 0.00	26.44 0.63 0.00	32.83 0.76 0.00	40.59 1.06 0.00	47.14 1.47 0.00	105.88 3.04 0.00	54.00 1.59 0.00	35.10 1.06 0.00	40.85 1.34 0.00	35.85 1.15 0.00	34.67 1.00 0.00	36.87 1.09 0.00	38.05 1.28 0.00	38.03 1.31 0.00	39.18 1.12 0.00	60.75 1.55 0.00	36.75 1.00 0.00	30.69 0.94 0.00	25.36 0.76 0.00	29.81 0.94 0.00	26.91 1.00 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	20.73 -2.12 0.00	20.65 -2.29 0.00	21.12 -2.41 0.00	23.48 -2.57 0.00	23.26 -2.54 0.00	29.11 -2.95 0.00	28.54 -3.80 7.20	32.13 -4.57 8.98	92.33 -10.43 0.08	41.93 -5.75 4.73	30.67 -3.37 0.00	35.74 -3.77 0.00	31.33 -3.38 0.00	30.24 -3.43 0.00	32.22 -3.57 0.00	33.33 -3.45 0.00	33.51 -3.21 0.00	35.23 -2.84 0.00	54.34 -4.87 0.00	32.71 -3.04 0.00	27.05 -2.71 0.00	22.40 -2.20 0.00	26.77 -2.10 0.00	24.30 -1.61 0.00
EMPIRE_CC_1 323656	23.40 0.56 0.00	23.50 0.56 0.00	24.13 0.60 0.00	26.74 0.70 0.00	26.52 0.71 0.00	32.87 0.80 0.00	40.33 0.79 0.00	46.75 1.08 0.00	105.30 2.45 0.00	53.58 1.17 0.00	34.73 0.68 0.00	40.16 0.65 0.00	35.39 0.68 0.00	34.20 0.53 0.00	36.34 0.56 0.00	37.31 0.54 0.00	37.14 0.41 0.00	38.70 0.63 0.00	60.06 0.86 0.00	36.28 0.52 0.00	30.34 0.59 0.00	25.11 0.52 0.00	29.56 0.68 0.00	26.48 0.57 0.00
EMPIRE_CC_2 323658	23.40 0.56 0.00	23.50 0.56 0.00	24.13 0.60 0.00	26.74 0.70 0.00	26.52 0.71 0.00	32.87 0.80 0.00	40.33 0.79 0.00	46.75 1.08 0.00	105.30 2.45 0.00	53.58 1.17 0.00	34.73 0.68 0.00	40.16 0.65 0.00	35.39 0.68 0.00	34.20 0.53 0.00	36.34 0.56 0.00	37.31 0.54 0.00	37.14 0.41 0.00	38.70 0.63 0.00	60.06 0.86 0.00	36.28 0.52 0.00	30.34 0.59 0.00	25.11 0.52 0.00	29.56 0.68 0.00	26.48 0.57 0.00
ENORWICH_115KV_TB1 80156	24.27 1.43 0.00	24.24 1.29 0.00	24.82 1.29 0.00	27.46 1.41 0.00	27.31 1.51 0.00	34.18 2.11 0.00	57.82 3.12 -15.17	89.90 6.47 -37.75	117.37 14.18 -0.35	73.81 6.27 -15.13	38.04 3.99 0.00	44.03 4.52 0.00	38.74 4.03 0.00	37.57 3.90 0.00	38.90 3.12 0.00	39.60 2.83 0.00	39.74 3.02 0.00	41.57 3.50 0.00	64.48 5.28 0.00	38.77 3.02 0.00	32.11 2.35 0.00	26.37 1.77 0.00	30.95 2.08 0.00	27.65 1.75 0.00
ERIE_ST__34_KV_TB1-2 80199	21.33 -1.51 0.00	21.23 -1.71 0.00	21.73 -1.79 0.00	24.15 -1.90 0.00	23.93 -1.87 0.00	29.93 -2.13 0.00	29.44 -2.69 7.40	33.20 -3.22 9.26	95.39 -7.36 0.08	43.55 -4.20 4.67	31.64 -2.41 0.00	36.91 -2.60 0.00	32.36 -2.35 0.00	31.25 -2.42 0.00	33.29 -2.49 0.00	34.43 -2.35 0.00	34.62 -2.11 0.00	36.35 -1.72 0.00	56.10 -3.10 0.00	33.75 -2.01 0.00	27.89 -1.87 0.00	23.09 -1.51 0.00	27.56 -1.31 0.00	24.96 -0.95 0.00
ERIE_WT_PWR 323693	20.93 -1.91 0.00	20.77 -2.17 0.00	21.29 -2.23 0.00	23.65 -2.39 0.00	23.44 -2.36 0.00	29.36 -2.71 0.00	28.65 -3.49 7.40	32.27 -4.16 9.25	93.31 -9.44 0.08	42.37 -5.26 4.78	31.01 -3.04 0.00	36.15 -3.36 0.00	31.67 -3.04 0.00	30.58 -3.09 0.00	32.60 -3.18 0.00	33.70 -3.07 0.00	33.91 -2.81 0.00	35.66 -2.41 0.00	55.00 -4.20 0.00	33.14 -2.62 0.00	27.37 -2.39 0.00	22.67 -1.93 0.00	27.08 -1.79 0.00	24.56 -1.35 0.00
ESPRGFLD_115KV_TB1 80157	23.78 0.94 0.00	23.88 0.94 0.00	24.46 0.94 0.00	27.06 1.02 0.00	26.84 1.03 0.00	33.53 1.46 0.00	41.54 2.00 0.00	47.91 2.23 0.00	107.50 4.65 0.00	54.78 2.37 0.00	35.66 1.62 0.00	41.44 1.93 0.00	36.39 1.68 0.00	35.36 1.69 0.00	37.58 1.80 0.00	38.67 1.90 0.00	38.76 2.03 0.00	40.38 2.31 0.00	62.76 3.56 0.00	37.86 2.11 0.00	31.30 1.54 0.00	25.86 1.26 0.00	30.28 1.40 0.00	27.16 1.25 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	22.89 0.05 0.00	22.92 -0.03 -0.01	23.47 -0.05 0.00	25.98 -0.07 0.00	25.75 -0.05 0.00	32.11 0.03 -0.01	66.85 0.14 -27.18	84.01 0.58 -37.75	104.68 1.49 -0.35	68.03 0.48 -15.13	34.41 0.37 0.00	39.95 0.43 0.00	35.09 0.38 0.00	34.07 0.40 0.00	36.10 0.32 0.00	37.10 0.32 0.00	37.13 0.40 0.00	38.76 0.69 0.00	60.25 1.05 0.00	36.28 0.53 0.00	30.10 0.35 0.00	24.85 0.25 0.00	29.14 0.27 0.00	26.11 0.20 0.00
ETNA____115KV_TB2 80207	22.89 0.05 0.00	22.92 -0.03 -0.01	23.47 -0.05 0.00	25.98 -0.07 0.00	25.75 -0.05 0.00	32.11 0.03 -0.01	66.85 0.14 -27.18	84.01 0.58 -37.75	104.68 1.49 -0.35	68.03 0.48 -15.13	34.41 0.37 0.00	39.95 0.43 0.00	35.09 0.38 0.00	34.07 0.40 0.00	36.10 0.32 0.00	37.10 0.32 0.00	37.13 0.40 0.00	38.76 0.69 0.00	60.25 1.05 0.00	36.28 0.53 0.00	30.10 0.35 0.00	24.85 0.25 0.00	29.14 0.27 0.00	26.11 0.20 0.00
EUCLID___115KV_TB2 356179	22.12 -0.72 0.00	22.17 -0.77 0.00	22.71 -0.81 0.00	25.11 -0.94 0.00	24.90 -0.90 0.00	30.98 -1.09 0.00	38.17 -1.37 0.00	44.15 -1.53 0.00	99.48 -3.36 0.00	50.60 -1.82 0.00	32.92 -1.13 0.00	38.20 -1.31 0.00	33.56 -1.15 0.00	32.58 -1.09 0.00	34.64 -1.15 0.00	35.62 -1.16 0.00	35.62 -1.11 0.00	37.12 -0.95 0.00	57.63 -1.57 0.00	34.73 -1.02 0.00	28.87 -0.89 0.00	23.88 -0.72 0.00	28.01 -0.87 0.00	25.13 -0.78 0.00
E_CANADA_CAP_HY 24051	23.99 1.15 0.00	24.10 1.16 0.00	24.69 1.16 0.00	27.31 1.26 0.00	27.08 1.27 0.00	33.88 1.81 0.00	41.98 2.45 0.00	48.34 2.66 0.00	108.23 5.39 0.00	55.21 2.80 0.00	35.96 1.92 0.00	41.79 2.27 0.00	36.71 2.00 0.00	35.62 1.95 0.00	37.84 2.06 0.00	38.95 2.18 0.00	38.99 2.27 0.00	40.54 2.47 0.00	62.98 3.78 0.00	38.05 2.30 0.00	31.47 1.71 0.00	26.11 1.51 0.00	30.56 1.69 0.00	27.41 1.50 0.00
E_CANADA_MHWK_HY 24050	23.05 0.20 0.00	23.10 0.15 0.00	23.71 0.19 0.00	26.25 0.20 0.00	26.05 0.24 0.00	32.27 0.20 0.00	39.91 0.38 0.00	46.44 0.76 0.00	105.15 2.31 0.00	53.34 0.93 0.00	34.57 0.53 0.00	39.95 0.43 0.00	35.06 0.35 0.00	33.94 0.27 0.00	36.10 0.32 0.00	37.02 0.25 0.00	36.81 0.09 0.00	38.54 0.47 0.00	60.01 0.81 0.00	36.06 0.31 0.00	30.11 0.35 0.00	24.89 0.29 0.00	29.14 0.26 0.00	26.01 0.10 0.00
E_FISHKILL___LBMP 23776	23.77 0.93 0.00	23.84 0.90 0.00	24.46 0.94 0.00	27.09 1.04 0.00	26.87 1.07 0.00	33.38 1.32 0.00	41.22 1.69 0.00	47.81 2.13 0.00	107.65 4.81 0.00	54.69 2.28 0.00	35.49 1.45 0.00	41.06 1.54 0.00	36.12 1.41 0.00	35.00 1.33 0.00	37.26 1.48 0.00	38.24 1.46 0.00	38.11 1.39 0.00	39.85 1.78 0.00	62.00 2.80 0.00	37.26 1.51 0.00	31.02 1.26 0.00	25.61 1.01 0.00	29.97 1.10 0.00	26.84 0.93 0.00
FALCON___SEABRD_CC1 323796	23.64 0.80 0.00	23.95 1.01 0.00	24.57 1.04 0.00	27.30 1.25 0.00	26.73 0.92 0.00	33.05 0.98 0.00	40.83 1.30 0.00	47.64 1.96 0.00	106.96 4.12 0.00	54.58 2.16 0.00	35.48 1.43 0.00	41.20 1.69 0.00	36.19 1.48 0.00	35.00 1.33 0.00	37.25 1.47 0.00	38.41 1.63 0.00	38.37 1.65 0.00	39.55 1.49 0.00	61.30 2.09 0.00	37.08 1.32 0.00	31.00 1.25 0.00	25.62 1.02 0.00	30.08 1.21 0.00	27.23 1.33 0.00
FALCON___SEABRD_CC2 323797	23.64 0.80 0.00	23.95 1.01 0.00	24.57 1.04 0.00	27.30 1.25 0.00	26.73 0.92 0.00	33.05 0.98 0.00	40.83 1.30 0.00	47.64 1.96 0.00	106.96 4.12 0.00	54.58 2.16 0.00	35.48 1.43 0.00	41.20 1.69 0.00	36.19 1.48 0.00	35.00 1.33 0.00	37.25 1.47 0.00	38.41 1.63 0.00	38.37 1.65 0.00	39.55 1.49 0.00	61.30 2.09 0.00	37.08 1.32 0.00	31.00 1.25 0.00	25.62 1.02 0.00	30.08 1.21 0.00	27.23 1.33 0.00

FAR ROCKAWAY___4 23548	24.28 1.44 0.00	24.54 1.59 0.00	25.18 1.66 0.00	48.51 1.87 -20.59	27.66 1.86 0.00	38.96 2.27 -4.62	101.12 2.81 -58.77	65.68 3.36 -16.64	109.68 6.84 0.00	55.62 3.20 0.00	36.30 2.26 0.00	41.93 2.42 0.00	37.03 2.29 -0.03	37.85 2.21 -1.97	40.24 2.14 -2.32	41.54 2.33 -2.43	39.09 2.36 0.00	40.89 2.82 0.00	63.53 4.33 0.00	38.14 2.39 0.00	37.98 2.08 -6.15	26.21 1.61 0.00	30.63 1.76 0.00	27.37 1.46 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	23.96 1.12 0.00	24.03 1.09 0.00	24.66 1.13 0.00	27.31 1.25 0.00	27.10 1.30 0.00	33.67 1.60 0.00	41.58 2.05 0.00	48.29 2.61 0.00	108.99 6.14 0.00	55.36 2.94 0.00	35.98 1.93 0.00	41.60 2.08 0.00	36.57 1.87 0.00	35.43 1.76 0.00	37.77 1.99 0.00	38.73 1.96 0.00	38.58 1.86 0.00	40.34 2.28 0.00	62.91 3.71 0.00	37.73 1.98 0.00	31.36 1.60 0.00	25.89 1.30 0.00	30.26 1.39 0.00	27.06 1.15 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	23.98 1.14 0.00	24.04 1.10 0.00	24.66 1.14 0.00	27.31 1.26 0.00	27.11 1.30 0.00	33.69 1.63 0.00	41.61 2.08 0.00	48.32 2.65 0.00	109.05 6.21 0.00	55.38 2.97 0.00	35.98 1.94 0.00	41.62 2.11 0.00	36.60 1.89 0.00	35.45 1.78 0.00	37.78 2.00 0.00	38.76 1.98 0.00	38.60 1.88 0.00	40.37 2.30 0.00	62.96 3.76 0.00	37.76 2.01 0.00	31.38 1.63 0.00	25.91 1.31 0.00	30.28 1.40 0.00	27.07 1.16 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	23.95 1.11 0.00	24.02 1.08 0.00	24.64 1.12 0.00	27.28 1.23 0.00	27.08 1.28 0.00	33.66 1.59 0.00	41.57 2.04 0.00	48.27 2.59 0.00	108.95 6.10 0.00	55.33 2.92 0.00	35.95 1.90 0.00	41.58 2.07 0.00	36.56 1.85 0.00	35.42 1.75 0.00	37.75 1.97 0.00	38.72 1.95 0.00	38.57 1.85 0.00	40.33 2.26 0.00	62.89 3.69 0.00	37.71 1.96 0.00	31.34 1.59 0.00	25.89 1.29 0.00	30.24 1.37 0.00	27.04 1.14 0.00
FARRAGUT___LBMP 323566	23.94 1.10 0.00	24.01 1.06 0.00	24.63 1.11 0.00	27.26 1.21 0.00	27.07 1.26 0.00	33.63 1.57 0.00	41.53 2.00 0.00	48.23 2.55 0.00	108.85 6.00 0.00	55.28 2.87 0.00	35.91 1.87 0.00	41.54 2.03 0.00	36.52 1.81 0.00	35.38 1.72 0.00	37.71 1.93 0.00	38.68 1.91 0.00	38.53 1.81 0.00	40.29 2.22 0.00	62.83 3.63 0.00	37.68 1.93 0.00	31.32 1.56 0.00	25.86 1.26 0.00	30.22 1.35 0.00	27.03 1.12 0.00
FENNER___WINDPWR 24204	22.99 0.15 0.00	23.06 0.11 0.00	23.62 0.10 0.00	26.13 0.08 0.00	25.92 0.12 0.00	32.33 0.26 0.00	45.13 0.42 -5.18	53.54 0.62 -7.25	104.45 1.54 -0.07	55.91 0.65 -2.84	34.49 0.45 0.00	40.00 0.49 0.00	35.15 0.44 0.00	34.16 0.49 0.00	36.30 0.52 0.00	37.33 0.56 0.00	37.34 0.61 0.00	38.87 0.80 0.00	60.33 1.13 0.00	36.37 0.62 0.00	30.22 0.47 0.00	24.98 0.38 0.00	29.28 0.40 0.00	26.22 0.31 0.00
FIBERTEK___ENERGY 23856	22.39 -0.45 0.00	22.42 -0.52 0.00	22.98 -0.54 0.00	25.41 -0.64 0.00	25.19 -0.62 0.00	31.34 -0.72 0.00	38.65 -0.88 0.00	44.73 -0.95 0.00	100.86 -1.98 0.00	51.27 -1.14 0.00	33.34 -0.71 0.00	38.71 -0.80 0.00	34.01 -0.70 0.00	33.01 -0.65 0.00	35.09 -0.70 0.00	36.09 -0.68 0.00	36.09 -0.64 0.00	37.62 -0.45 0.00	58.46 -0.75 0.00	35.23 -0.52 0.00	29.28 -0.48 0.00	24.21 -0.40 0.00	28.36 -0.51 0.00	25.44 -0.47 0.00
FITZPATRICK___ 23598	21.87 -0.97 0.00	21.93 -1.01 0.00	22.47 -1.05 0.00	24.84 -1.21 0.00	24.63 -1.18 0.00	30.62 -1.45 0.00	37.74 -1.79 0.00	43.62 -2.05 0.00	98.25 -4.59 0.00	50.00 -2.41 0.00	32.52 -1.53 0.00	37.74 -1.78 0.00	33.15 -1.56 0.00	32.17 -1.50 0.00	34.20 -1.58 0.00	35.17 -1.60 0.00	35.16 -1.57 0.00	36.60 -1.47 0.00	56.83 -2.38 0.00	34.27 -1.49 0.00	28.50 -1.26 0.00	23.59 -1.01 0.00	27.66 -1.21 0.00	24.83 -1.08 0.00
FLOWRFLD_69_KV_BK1 356044	24.49 1.65 0.00	24.58 1.64 0.00	25.22 1.70 0.00	48.62 1.98 -20.59	27.68 1.87 0.00	38.87 2.19 -4.62	101.63 3.33 -58.77	66.23 3.91 -16.64	110.53 7.68 0.00	55.87 3.46 0.00	36.55 2.51 0.00	42.01 2.50 0.00	37.06 2.33 -0.03	38.09 2.46 -1.97	40.96 2.85 -2.32	42.03 2.83 -2.43	39.22 2.50 0.00	41.04 2.97 0.00	63.92 4.72 0.00	38.21 2.46 0.00	38.14 2.24 -6.15	26.35 1.75 0.00	30.83 1.95 0.00	27.55 1.64 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	24.06 1.22 0.00	24.12 1.18 0.00	24.75 1.22 0.00	27.42 1.37 0.00	27.19 1.39 0.00	33.82 1.76 0.00	41.82 2.29 0.00	48.52 2.84 0.00	109.28 6.44 0.00	55.50 3.09 0.00	36.02 1.98 0.00	41.68 2.16 0.00	36.64 1.92 0.00	35.49 1.83 0.00	37.77 1.98 0.00	38.77 1.99 0.00	38.68 1.96 0.00	40.49 2.42 0.00	62.99 3.79 0.00	37.85 2.10 0.00	31.48 1.73 0.00	25.98 1.38 0.00	30.38 1.50 0.00	27.19 1.28 0.00
FORT ORANGE___ 23900	23.15 0.31 0.00	23.22 0.27 0.00	23.82 0.29 0.00	26.40 0.36 0.00	26.19 0.38 0.00	32.49 0.42 0.00	40.05 0.52 0.00	46.50 0.82 0.00	104.77 1.93 0.00	53.31 0.90 0.00	34.56 0.51 0.00	40.01 0.50 0.00	35.21 0.50 0.00	34.07 0.40 0.00	36.21 0.43 0.00	37.18 0.41 0.00	37.08 0.36 0.00	38.65 0.58 0.00	59.99 0.79 0.00	36.19 0.44 0.00	30.20 0.44 0.00	24.98 0.38 0.00	29.45 0.58 0.00	26.39 0.48 0.00
FORT_DRUM_COGEN 23780	22.06 -0.78 0.00	22.18 -0.76 0.00	22.80 -0.72 0.00	25.07 -0.98 0.00	24.92 -0.89 0.00	31.18 -0.88 0.00	38.53 -1.01 0.00	44.68 -0.99 0.00	101.41 -1.43 0.00	51.91 -0.51 0.00	33.52 -0.52 0.00	39.00 -0.52 0.00	34.45 -0.26 0.00	33.41 -0.26 0.00	35.49 -0.29 0.00	36.68 -0.09 0.00	36.84 0.12 0.00	38.52 0.45 0.00	59.75 0.55 0.00	36.10 0.34 0.00	29.96 0.20 0.00	24.68 0.08 0.00	28.86 -0.01 0.00	25.81 -0.09 0.00
FOX_HILLS___ESR 323835	24.01 1.17 0.00	24.07 1.13 0.00	24.67 1.14 0.00	27.31 1.26 0.00	27.12 1.32 0.00	33.72 1.66 0.00	41.63 2.10 0.00	56.66 2.62 -8.36	109.05 6.20 -0.01	55.35 2.94 0.00	35.93 1.89 0.00	176.36 2.16 -134.69	46.22 1.86 -9.65	81.29 1.76 -45.86	262.57 2.06 -224.73	38.80 2.03 0.00	38.66 1.93 0.00	40.39 2.32 0.00	63.06 3.86 -0.01	52.44 2.07 -14.62	54.58 1.65 -23.17	104.49 1.37 -78.51	53.28 1.44 -22.97	27.15 1.23 -0.01
FPL_FAR_ROCK_GT1 24212	24.28 1.44 0.00	24.55 1.61 0.00	25.18 1.66 0.00	48.51 1.87 -20.59	27.66 1.86 0.00	38.96 2.27 -4.62	101.12 2.81 -58.77	65.68 3.36 -16.64	109.68 6.84 0.00	55.60 3.19 0.00	36.29 2.25 0.00	41.93 2.41 0.00	37.04 2.30 -0.03	37.85 2.21 -1.97	40.24 2.14 -2.32	41.54 2.33 -2.43	39.09 2.36 0.00	40.88 2.82 0.00	63.55 4.35 0.00	38.14 2.39 0.00	37.99 2.08 -6.15	26.21 1.61 0.00	30.64 1.76 0.00	27.37 1.46 0.00
FPL_FAR_ROCK_GT2 23815	24.28 1.44 0.00	24.55 1.61 0.00	25.18 1.66 0.00	48.51 1.87 -20.59	27.66 1.86 0.00	38.96 2.27 -4.62	101.12 2.81 -58.77	65.68 3.36 -16.64	109.68 6.84 0.00	55.60 3.19 0.00	36.29 2.25 0.00	41.93 2.41 0.00	37.04 2.30 -0.03	37.85 2.21 -1.97	40.24 2.14 -2.32	41.54 2.33 -2.43	39.09 2.36 0.00	40.88 2.82 0.00	63.55 4.35 0.00	38.14 2.39 0.00	37.99 2.08 -6.15	26.21 1.61 0.00	30.64 1.76 0.00	27.37 1.46 0.00



FRANKLIN_FALL_HYD 24054	23.47 0.63 0.00	23.74 0.80 0.00	24.37 0.85 0.00	27.11 1.06 0.00	26.62 0.81 0.00	33.17 1.10 0.00	41.14 1.61 0.00	47.73 2.05 0.00	107.28 4.43 0.00	54.80 2.38 0.00	35.58 1.53 0.00	41.47 1.96 0.00	36.35 1.64 0.00	35.17 1.51 0.00	37.31 1.53 0.00	38.49 1.72 0.00	38.43 1.71 0.00	39.52 1.45 0.00	61.23 2.04 0.00	37.07 1.32 0.00	30.91 1.15 0.00	25.50 0.90 0.00	30.00 1.13 0.00	27.06 1.16 0.00
FREEPORT_EQUS_GT1 23764	24.34 1.50 0.00	24.44 1.50 0.00	25.06 1.54 0.00	48.39 1.75 -20.59	27.53 1.73 0.00	38.78 2.09 -4.62	101.00 2.70 -58.77	65.62 3.31 -16.64	109.89 7.05 0.00	55.70 3.28 0.00	36.36 2.31 0.00	41.96 2.44 0.00	37.09 2.35 -0.03	37.95 2.31 -1.97	40.71 2.61 -2.32	41.77 2.57 -2.43	39.14 2.42 0.00	40.84 2.77 0.00	63.62 4.41 0.00	38.20 2.45 0.00	38.02 2.12 -6.15	26.25 1.65 0.00	30.71 1.83 0.00	27.43 1.52 0.00
FREEPORT___CT2 23818	24.34 1.50 0.00	24.44 1.50 0.00	25.06 1.54 0.00	48.39 1.75 -20.59	27.53 1.73 0.00	38.78 2.09 -4.62	101.00 2.70 -58.77	65.62 3.31 -16.64	109.89 7.05 0.00	55.70 3.28 0.00	36.36 2.31 0.00	41.96 2.44 0.00	37.09 2.35 -0.03	37.95 2.31 -1.97	40.71 2.61 -2.32	41.77 2.57 -2.43	39.14 2.42 0.00	40.84 2.77 0.00	63.62 4.41 0.00	38.20 2.45 0.00	38.02 2.12 -6.15	26.25 1.65 0.00	30.71 1.83 0.00	27.43 1.52 0.00
FRESHKLS_33_KV_LOAD 356253	23.98 1.14 0.00	24.06 1.11 0.00	24.65 1.13 0.00	27.30 1.25 0.00	27.11 1.31 0.00	33.70 1.64 0.00	41.60 2.07 0.00	56.59 2.55 -8.36	108.85 6.00 -0.01	55.25 2.83 0.00	35.86 1.81 0.00	176.30 2.10 -134.69	46.11 1.79 -9.61	81.16 1.67 -45.82	262.51 2.00 -224.73	38.75 1.98 0.00	38.61 1.88 0.00	40.37 2.30 0.00	63.06 3.85 -0.01	52.43 2.05 -14.62	54.58 1.65 -23.17	104.47 1.36 -78.51	53.25 1.41 -22.97	27.14 1.22 -0.01
FULTON COGEN____ 23766	22.03 -0.81 0.00	22.08 -0.86 0.00	22.62 -0.91 0.00	25.00 -1.05 0.00	24.81 -1.00 0.00	30.86 -1.21 0.00	38.05 -1.49 0.00	44.02 -1.65 0.00	99.19 -3.65 0.00	50.46 -1.95 0.00	32.81 -1.23 0.00	38.08 -1.43 0.00	33.48 -1.23 0.00	32.49 -1.18 0.00	34.53 -1.25 0.00	35.54 -1.24 0.00	35.53 -1.19 0.00	37.04 -1.03 0.00	57.50 -1.70 0.00	34.66 -1.09 0.00	28.82 -0.94 0.00	23.82 -0.78 0.00	27.92 -0.95 0.00	25.05 -0.86 0.00
FULTON___LFGE 323630	24.93 2.09 0.00	24.99 2.05 0.00	25.59 2.07 0.00	28.31 2.26 0.00	28.11 2.31 0.00	35.22 3.16 0.00	43.86 4.32 0.00	50.87 5.19 0.00	114.15 11.31 0.00	57.98 5.57 0.00	37.74 3.69 0.00	43.72 4.21 0.00	38.38 3.67 0.00	37.11 3.45 0.00	39.48 3.70 0.00	40.80 4.03 0.00	41.00 4.27 0.00	42.88 4.81 0.00	66.57 7.37 0.00	40.11 4.36 0.00	33.17 3.41 0.00	27.34 2.75 0.00	31.96 3.08 0.00	28.52 2.62 0.00
G.F.CEMENT___DRP 24184	23.68 0.84 0.00	23.90 0.96 0.00	24.53 1.00 0.00	27.17 1.12 0.00	26.95 1.14 0.00	33.65 1.58 0.00	41.54 2.01 0.00	48.29 2.62 0.00	109.18 6.33 0.00	55.70 3.28 0.00	36.17 2.13 0.00	41.91 2.39 0.00	36.92 2.21 0.00	35.65 1.98 0.00	37.83 2.05 0.00	38.88 2.11 0.00	38.80 2.08 0.00	40.45 2.39 0.00	62.60 3.40 0.00	37.66 1.91 0.00	31.51 1.75 0.00	26.01 1.42 0.00	30.56 1.69 0.00	27.24 1.33 0.00
GARDENVILLE___LBMP 24039	20.83 -2.01 0.00	20.73 -2.21 0.00	21.21 -2.31 0.00	23.58 -2.47 0.00	23.36 -2.45 0.00	29.23 -2.83 0.00	28.41 -3.63 7.50	31.98 -4.34 9.36	92.91 -9.85 0.09	41.94 -5.47 5.00	30.85 -3.19 0.00	35.96 -3.55 0.00	31.54 -3.18 0.00	30.45 -3.22 0.00	32.44 -3.34 0.00	33.57 -3.21 0.00	33.74 -2.98 0.00	35.46 -2.61 0.00	54.74 -4.46 0.00	32.96 -2.79 0.00	27.25 -2.51 0.00	22.57 -2.03 0.00	26.96 -1.92 0.00	24.45 -1.46 0.00
GARDNVLA_35_KV_LD 355827	20.94 -1.90 0.00	20.84 -2.10 0.00	21.32 -2.21 0.00	23.69 -2.36 0.00	23.48 -2.33 0.00	29.39 -2.68 0.00	28.74 -3.43 7.36	32.38 -4.09 9.20	93.51 -9.25 0.08	42.52 -5.18 4.70	31.06 -2.99 0.00	36.20 -3.32 0.00	31.73 -2.98 0.00	30.64 -3.03 0.00	32.65 -3.14 0.00	33.77 -3.00 0.00	33.96 -2.76 0.00	35.70 -2.37 0.00	55.10 -4.10 0.00	33.16 -2.59 0.00	27.42 -2.33 0.00	22.70 -1.90 0.00	27.11 -1.76 0.00	24.58 -1.32 0.00
GELCKHM___115KV_LOAD 80723	22.23 -0.61 0.00	22.27 -0.67 0.00	22.82 -0.70 0.00	25.23 -0.82 0.00	25.01 -0.79 0.00	31.12 -0.95 0.00	38.36 -1.17 0.00	44.38 -1.29 0.00	100.05 -2.80 0.00	50.87 -1.54 0.00	33.09 -0.95 0.00	38.41 -1.11 0.00	33.74 -0.97 0.00	32.75 -0.92 0.00	34.82 -0.97 0.00	35.81 -0.97 0.00	35.81 -0.92 0.00	37.32 -0.75 0.00	57.97 -1.23 0.00	34.93 -0.82 0.00	29.04 -0.72 0.00	24.01 -0.59 0.00	28.15 -0.72 0.00	25.26 -0.65 0.00
GENERAL___MILLS 23808	20.91 -1.93 0.00	20.81 -2.13 0.00	21.29 -2.23 0.00	23.66 -2.38 0.00	23.45 -2.36 0.00	29.34 -2.73 0.00	28.65 -3.49 7.40	32.27 -4.16 9.25	93.32 -9.44 0.08	42.36 -5.27 4.78	30.99 -3.05 0.00	36.12 -3.39 0.00	31.67 -3.04 0.00	30.58 -3.09 0.00	32.58 -3.20 0.00	33.70 -3.07 0.00	33.89 -2.83 0.00	35.63 -2.45 0.00	54.98 -4.22 0.00	33.10 -2.65 0.00	27.37 -2.39 0.00	22.66 -1.94 0.00	27.07 -1.80 0.00	24.55 -1.36 0.00
GE_PLASTICS___DRP 24183	23.25 0.41 0.00	23.32 0.38 0.00	23.93 0.41 0.00	26.51 0.46 0.00	26.29 0.48 0.00	32.61 0.54 0.00	40.19 0.65 0.00	46.63 0.95 0.00	105.01 2.17 0.00	53.44 1.03 0.00	34.66 0.62 0.00	40.13 0.62 0.00	35.32 0.61 0.00	34.16 0.49 0.00	36.34 0.55 0.00	37.30 0.53 0.00	37.20 0.48 0.00	38.77 0.70 0.00	60.21 1.01 0.00	36.28 0.53 0.00	30.26 0.51 0.00	25.03 0.43 0.00	29.37 0.50 0.00	26.31 0.41 0.00
GILBOA___1 23756	23.31 0.47 0.00	23.47 0.53 0.00	24.07 0.55 0.00	26.66 0.61 0.00	26.43 0.62 0.00	32.71 0.64 0.00	40.33 0.80 0.00	46.73 1.05 0.00	105.28 2.44 0.00	53.53 1.11 0.00	34.75 0.70 0.00	40.25 0.74 0.00	35.40 0.68 0.00	34.28 0.61 0.00	36.47 0.69 0.00	37.45 0.68 0.00	37.36 0.63 0.00	38.94 0.87 0.00	60.51 1.31 0.00	36.46 0.71 0.00	30.37 0.61 0.00	25.10 0.50 0.00	29.43 0.55 0.00	26.37 0.46 0.00
GILBOA___2 23757	23.31 0.47 0.00	23.47 0.53 0.00	24.07 0.55 0.00	26.66 0.61 0.00	26.43 0.62 0.00	32.71 0.64 0.00	40.33 0.80 0.00	46.73 1.05 0.00	105.28 2.44 0.00	53.53 1.11 0.00	34.75 0.70 0.00	40.25 0.74 0.00	35.40 0.68 0.00	34.28 0.61 0.00	36.47 0.69 0.00	37.45 0.68 0.00	37.36 0.63 0.00	38.94 0.87 0.00	60.51 1.31 0.00	36.46 0.71 0.00	30.37 0.61 0.00	25.10 0.50 0.00	29.43 0.55 0.00	26.37 0.46 0.00
GILBOA___3 23758	23.31 0.47 0.00	23.47 0.53 0.00	24.07 0.55 0.00	26.66 0.61 0.00	26.43 0.62 0.00	32.71 0.64 0.00	40.33 0.80 0.00	46.73 1.05 0.00	105.28 2.44 0.00	53.53 1.11 0.00	34.75 0.70 0.00	40.25 0.74 0.00	35.40 0.68 0.00	34.28 0.61 0.00	36.47 0.69 0.00	37.45 0.68 0.00	37.36 0.63 0.00	38.94 0.87 0.00	60.51 1.31 0.00	36.46 0.71 0.00	30.37 0.61 0.00	25.10 0.50 0.00	29.43 0.55 0.00	26.37 0.46 0.00

GILBOA___4 23759	23.31 0.47 0.00	23.47 0.53 0.00	24.07 0.55 0.00	26.66 0.61 0.00	26.43 0.62 0.00	32.71 0.64 0.00	40.33 0.80 0.00	46.73 1.05 0.00	105.28 2.44 0.00	53.53 1.11 0.00	34.75 0.70 0.00	40.25 0.74 0.00	35.40 0.68 0.00	34.28 0.61 0.00	36.47 0.69 0.00	37.45 0.68 0.00	37.36 0.63 0.00	38.94 0.87 0.00	60.51 1.31 0.00	36.46 0.71 0.00	30.37 0.61 0.00	25.10 0.50 0.00	29.43 0.55 0.00	26.37 0.46 0.00
GILBOA____ 23599	23.31 0.47 0.00	23.47 0.52 0.00	24.07 0.55 0.00	26.66 0.61 0.00	26.43 0.62 0.00	32.71 0.64 0.00	40.33 0.80 0.00	46.73 1.05 0.00	105.29 2.44 0.00	53.53 1.11 0.00	34.75 0.71 0.00	40.25 0.74 0.00	35.40 0.68 0.00	34.28 0.61 0.00	36.47 0.69 0.00	37.45 0.68 0.00	37.36 0.63 0.00	38.94 0.87 0.00	60.51 1.31 0.00	36.46 0.71 0.00	30.37 0.61 0.00	25.10 0.50 0.00	29.43 0.55 0.00	26.37 0.46 0.00
GINNA____ 23603	20.67 -2.18 0.00	20.64 -2.31 0.00	21.14 -2.38 0.00	23.43 -2.61 0.00	23.25 -2.56 0.00	29.05 -3.01 0.00	31.99 -3.72 3.83	36.71 -4.31 4.66	93.09 -9.71 0.04	45.42 -5.16 1.83	30.89 -3.16 0.00	35.85 -3.66 0.00	31.49 -3.22 0.00	30.48 -3.19 0.00	32.41 -3.37 0.00	33.40 -3.37 0.00	33.50 -3.23 0.00	35.06 -3.01 0.00	54.23 -4.97 0.00	32.64 -3.11 0.00	27.05 -2.71 0.00	22.35 -2.25 0.00	26.36 -2.52 0.00	23.75 -2.17 0.00
GLEN PARK____ 23778	22.06 -0.78 0.00	22.17 -0.77 0.00	22.79 -0.73 0.00	25.06 -0.99 0.00	24.92 -0.89 0.00	31.19 -0.88 0.00	38.56 -0.97 0.00	44.73 -0.94 0.00	101.57 -1.28 0.00	51.96 -0.46 0.00	33.56 -0.49 0.00	39.04 -0.48 0.00	34.48 -0.23 0.00	33.45 -0.22 0.00	35.53 -0.26 0.00	36.72 -0.05 0.00	36.91 0.19 0.00	38.63 0.57 0.00	59.92 0.72 0.00	36.19 0.44 0.00	30.02 0.27 0.00	24.72 0.12 0.00	28.89 0.01 0.00	25.82 -0.09 0.00
GLENDALE_27_KV_LOAD 356172	24.05 1.21 0.00	24.12 1.18 0.00	24.72 1.20 0.00	27.35 1.30 0.00	27.16 1.35 0.00	33.76 1.69 0.00	41.72 2.18 0.00	48.48 2.80 0.00	109.41 6.57 0.00	55.59 3.17 0.00	36.12 2.08 0.00	41.83 2.31 0.00	36.76 2.05 0.00	35.60 1.93 0.00	37.96 2.18 0.00	38.90 2.13 0.00	38.74 2.02 0.00	40.53 2.46 0.00	63.20 4.00 0.00	37.89 2.14 0.00	31.49 1.73 0.00	26.02 1.42 0.00	30.37 1.49 0.00	27.16 1.25 0.00
GLENWOOD_IC_1_G5 23712	24.34 1.50 0.00	24.42 1.48 0.00	25.05 1.53 0.00	48.38 1.74 -20.59	27.53 1.73 0.00	38.77 2.08 -4.62	101.14 2.84 -58.77	65.76 3.45 -16.64	109.80 6.96 0.00	55.82 3.41 0.00	36.43 2.39 0.00	42.06 2.54 0.00	37.14 2.40 -0.03	37.99 2.35 -1.97	40.72 2.62 -2.32	41.80 2.60 -2.43	39.02 2.30 0.00	40.64 2.57 0.00	63.23 4.02 0.00	37.92 2.17 0.00	37.92 2.01 -6.15	26.25 1.65 0.00	30.71 1.84 0.00	27.43 1.52 0.00
GLENWOOD_IC_2_G1 23688	24.27 1.42 0.00	24.37 1.43 0.00	24.98 1.46 0.00	48.30 1.66 -20.59	27.45 1.64 0.00	38.68 1.99 -4.62	100.99 2.69 -58.77	65.60 3.29 -16.64	109.63 6.79 0.00	55.63 3.21 0.00	36.30 2.25 0.00	41.90 2.38 0.00	37.00 2.26 -0.03	37.85 2.21 -1.97	40.57 2.47 -2.32	41.64 2.43 -2.43	38.98 2.26 0.00	40.71 2.65 0.00	63.36 4.16 0.00	37.99 2.24 0.00	37.90 1.99 -6.15	26.17 1.57 0.00	30.61 1.74 0.00	27.36 1.45 0.00
GLENWOOD_IC_3_G1 23689	24.27 1.42 0.00	24.37 1.43 0.00	24.98 1.46 0.00	48.30 1.66 -20.59	27.45 1.64 0.00	38.68 1.99 -4.62	100.99 2.69 -58.77	65.60 3.29 -16.64	109.63 6.79 0.00	55.63 3.21 0.00	36.30 2.25 0.00	41.90 2.38 0.00	37.00 2.26 -0.03	37.85 2.21 -1.97	40.57 2.47 -2.32	41.64 2.43 -2.43	38.98 2.26 0.00	40.71 2.65 0.00	63.36 4.16 0.00	37.99 2.24 0.00	37.90 1.99 -6.15	26.17 1.57 0.00	30.61 1.74 0.00	27.36 1.45 0.00
GLENWOOD___4 23550	24.34 1.50 0.00	24.42 1.48 0.00	25.05 1.53 0.00	48.38 1.74 -20.59	27.53 1.73 0.00	38.77 2.08 -4.62	101.14 2.84 -58.77	65.77 3.45 -16.64	109.89 7.05 0.00	55.82 3.41 0.00	36.43 2.39 0.00	42.06 2.54 0.00	37.14 2.40 -0.03	37.99 2.35 -1.97	40.72 2.62 -2.32	41.81 2.60 -2.43	39.06 2.34 0.00	40.74 2.67 0.00	63.39 4.19 0.00	38.01 2.26 0.00	37.96 2.06 -6.15	26.25 1.65 0.00	30.71 1.84 0.00	27.43 1.52 0.00
GLENWOOD___5 23614	24.34 1.50 0.00	24.42 1.48 0.00	25.05 1.53 0.00	48.38 1.74 -20.59	27.53 1.73 0.00	38.77 2.08 -4.62	101.14 2.84 -58.77	65.77 3.45 -16.64	109.89 7.05 0.00	55.82 3.41 0.00	36.43 2.39 0.00	42.06 2.54 0.00	37.14 2.40 -0.03	37.99 2.35 -1.97	40.72 2.62 -2.32	41.81 2.60 -2.43	39.06 2.34 0.00	40.74 2.67 0.00	63.39 4.19 0.00	38.01 2.26 0.00	37.96 2.06 -6.15	26.25 1.65 0.00	30.71 1.84 0.00	27.43 1.52 0.00
GLOBAL GREEN_PORT_GT1 23814	25.09 2.25 0.00	25.21 2.27 0.00	25.89 2.36 0.00	49.39 2.75 -20.59	28.45 2.64 0.00	39.87 3.19 -4.62	103.08 4.78 -58.77	67.78 5.46 -16.64	113.57 10.72 0.00	57.13 4.72 0.00	37.26 3.21 0.00	42.58 3.07 0.00	37.53 2.79 -0.03	38.57 2.93 -1.97	41.71 3.61 -2.32	42.81 3.60 -2.43	40.09 3.36 0.00	41.97 3.90 0.00	65.13 5.93 0.00	38.82 3.07 0.00	38.71 2.81 -6.15	26.79 2.19 0.00	31.32 2.45 0.00	28.09 2.18 0.00
GLOBE___DSASP 323697	19.95 -2.89 0.00	19.89 -3.05 0.00	20.35 -3.18 0.00	22.63 -3.42 0.00	22.42 -3.39 0.00	28.06 -4.00 0.00	27.98 -5.19 6.36	31.30 -6.45 7.92	87.87 -14.90 0.07	40.43 -8.00 3.99	29.25 -4.79 0.00	34.01 -5.50 0.00	29.87 -4.84 0.00	28.77 -4.90 0.00	30.60 -5.18 0.00	31.67 -5.10 0.00	31.87 -4.85 0.00	33.53 -4.54 0.00	51.56 -7.65 0.00	31.06 -4.69 0.00	25.71 -4.05 0.00	21.32 -3.28 0.00	25.55 -3.33 0.00	23.31 -2.60 0.00
GOETHSLN___LBMP 323567	23.85 1.02 0.00	23.92 0.97 0.00	24.54 1.02 0.00	27.18 1.12 0.00	26.98 1.18 0.00	33.51 1.45 0.00	41.37 1.84 0.00	48.05 2.38 0.00	108.42 5.57 0.00	55.05 2.64 0.00	35.75 1.70 0.00	39.48 1.82 1.86	35.94 1.63 0.40	35.12 1.54 0.09	37.53 1.75 0.00	38.49 1.72 0.00	38.35 1.62 0.00	40.11 2.04 0.00	62.55 3.35 0.00	37.52 1.76 0.00	31.17 1.41 0.00	25.75 1.15 0.00	30.10 1.22 0.00	26.92 1.01 0.00
GOLAH___69_KV_TB 1_2 80279	21.49 -1.35 0.00	21.46 -1.48 0.00	21.96 -1.56 0.00	24.37 -1.68 0.00	24.17 -1.64 0.00	30.24 -1.83 0.00	32.93 -2.29 4.31	37.67 -2.71 5.29	96.56 -6.23 0.05	46.72 -3.46 2.23	32.06 -1.98 0.00	37.24 -2.28 0.00	32.70 -2.01 0.00	31.60 -2.07 0.00	33.62 -2.17 0.00	34.69 -2.09 0.00	34.83 -1.89 0.00	36.52 -1.55 0.00	56.42 -2.78 0.00	33.95 -1.80 0.00	28.10 -1.66 0.00	23.23 -1.37 0.00	27.50 -1.37 0.00	24.84 -1.07 0.00
GOODYEAR_LAKE_HYD 323669	23.59 0.75 0.00	23.68 0.73 0.00	24.27 0.74 0.00	26.86 0.81 0.00	26.64 0.83 0.00	33.18 1.11 0.00	41.03 1.49 0.00	47.39 1.71 0.00	106.66 3.82 0.00	54.25 1.84 0.00	35.28 1.23 0.00	40.95 1.43 0.00	35.95 1.25 0.00	34.90 1.23 0.00	37.15 1.37 0.00	38.22 1.45 0.00	38.24 1.52 0.00	39.89 1.82 0.00	62.00 2.80 0.00	37.34 1.59 0.00	30.96 1.20 0.00	25.54 0.94 0.00	29.92 1.05 0.00	26.82 0.91 0.00

GOUDEY___7 235031	22.54 -0.30 0.00	22.55 -0.39 0.00	23.12 -0.40 0.00	25.59 -0.46 0.00	25.37 -0.44 0.00	31.55 -0.52 0.00	37.40 -0.65 1.48	42.58 -0.64 2.46	101.81 -1.01 0.02	50.58 -0.86 0.97	33.54 -0.51 0.00	39.03 -0.48 0.00	34.24 -0.47 0.00	33.29 -0.38 0.00	35.37 -0.42 0.00	36.41 -0.36 0.00	36.42 -0.31 0.00	38.00 -0.06 0.00	59.08 -0.13 0.00	35.53 -0.23 0.00	29.48 -0.28 0.00	24.36 -0.25 0.00	28.68 -0.20 0.00	25.72 -0.19 0.00
GOUDEY___7 23579	22.56 -0.28 0.00	22.57 -0.37 0.00	23.14 -0.39 0.00	25.60 -0.45 0.00	25.39 -0.42 0.00	31.58 -0.49 0.00	37.43 -0.62 1.48	42.62 -0.59 2.46	101.89 -0.93 0.02	50.63 -0.82 0.97	33.57 -0.47 0.00	39.07 -0.44 0.00	34.27 -0.44 0.00	33.30 -0.36 0.00	35.40 -0.38 0.00	36.44 -0.34 0.00	36.45 -0.27 0.00	38.04 -0.03 0.00	59.13 -0.07 0.00	35.56 -0.20 0.00	29.51 -0.25 0.00	24.38 -0.22 0.00	28.71 -0.17 0.00	25.74 -0.17 0.00
GOUDEY___8 23580	22.54 -0.30 0.00	22.55 -0.39 0.00	23.12 -0.40 0.00	25.59 -0.46 0.00	25.37 -0.44 0.00	31.55 -0.52 0.00	37.40 -0.65 1.48	42.58 -0.64 2.46	101.81 -1.01 0.02	50.58 -0.86 0.97	33.54 -0.51 0.00	39.03 -0.48 0.00	34.24 -0.47 0.00	33.29 -0.38 0.00	35.37 -0.42 0.00	36.41 -0.36 0.00	36.42 -0.31 0.00	38.00 -0.06 0.00	59.08 -0.13 0.00	35.53 -0.23 0.00	29.48 -0.28 0.00	24.36 -0.25 0.00	28.68 -0.20 0.00	25.72 -0.19 0.00
GOWANUS_GT1_1 24077	24.06 1.22 0.00	24.13 1.19 0.00	24.72 1.20 0.00	27.36 1.32 0.00	27.17 1.37 0.00	33.78 1.72 0.00	41.73 2.20 0.00	56.80 2.77 -8.36	109.38 6.53 -0.01	55.56 3.15 0.00	36.09 2.04 0.00	176.49 2.30 -134.69	46.41 2.01 -9.70	81.48 1.90 -45.91	262.67 2.16 -224.73	38.90 2.12 0.00	38.74 2.02 0.00	40.50 2.43 0.00	63.19 3.99 -0.01	52.52 2.15 -14.62	54.67 1.74 -23.17	104.54 1.42 -78.51	53.35 1.51 -22.97	27.20 1.28 -0.01
GOWANUS_GT1_2 24078	24.06 1.22 0.00	24.13 1.19 0.00	24.72 1.20 0.00	27.36 1.32 0.00	27.17 1.37 0.00	33.78 1.72 0.00	41.73 2.20 0.00	56.80 2.77 -8.36	109.38 6.53 -0.01	55.56 3.15 0.00	36.09 2.04 0.00	176.49 2.30 -134.69	46.41 2.01 -9.70	81.48 1.90 -45.91	262.67 2.16 -224.73	38.90 2.12 0.00	38.74 2.02 0.00	40.50 2.43 0.00	63.19 3.99 -0.01	52.52 2.15 -14.62	54.67 1.74 -23.17	104.54 1.42 -78.51	53.35 1.51 -22.97	27.20 1.28 -0.01
GOWANUS_GT1_3 24079	24.06 1.22 0.00	24.13 1.19 0.00	24.72 1.20 0.00	27.36 1.32 0.00	27.17 1.37 0.00	33.78 1.72 0.00	41.73 2.20 0.00	56.80 2.77 -8.36	109.38 6.53 -0.01	55.56 3.15 0.00	36.09 2.04 0.00	176.49 2.30 -134.69	46.41 2.01 -9.70	81.48 1.90 -45.91	262.67 2.16 -224.73	38.90 2.12 0.00	38.74 2.02 0.00	40.50 2.43 0.00	63.19 3.99 -0.01	52.52 2.15 -14.62	54.67 1.74 -23.17	104.54 1.42 -78.51	53.35 1.51 -22.97	27.20 1.28 -0.01
GOWANUS_GT1_4 24080	24.06 1.22 0.00	24.13 1.19 0.00	24.72 1.20 0.00	27.36 1.32 0.00	27.17 1.37 0.00	33.78 1.72 0.00	41.73 2.20 0.00	56.80 2.77 -8.36	109.38 6.53 -0.01	55.56 3.15 0.00	36.09 2.04 0.00	176.49 2.30 -134.69	46.41 2.01 -9.70	81.48 1.90 -45.91	262.67 2.16 -224.73	38.90 2.12 0.00	38.74 2.02 0.00	40.50 2.43 0.00	63.19 3.99 -0.01	52.52 2.15 -14.62	54.67 1.74 -23.17	104.54 1.42 -78.51	53.35 1.51 -22.97	27.20 1.28 -0.01
GOWANUS_GT1_5 24084	24.06 1.22 0.00	24.13 1.19 0.00																						

GOWANUS_GT2_5 24118	24.05 1.21 0.00	24.13 1.19 0.00	24.72 1.20 0.00	27.36 1.32 0.00	27.17 1.37 0.00	33.78 1.72 0.00	41.73 2.20 0.00	56.80 2.77 -8.36	109.39 6.54 -0.01	55.56 3.15 0.00	36.08 2.04 0.00	176.49 2.29 -134.69	46.41 2.01 -9.70	81.48 1.90 -45.91	262.67 2.16 -224.73	38.90 2.12 0.00	38.74 2.02 0.00	40.50 2.43 0.00	63.21 4.01 -0.01	52.52 2.15 -14.62	54.67 1.74 -23.17	104.54 1.43 -78.51	53.35 1.51 -22.97	27.20 1.28 -0.01
GOWANUS_GT2_6 24119	24.05 1.21 0.00	24.13 1.19 0.00	24.72 1.20 0.00	27.36 1.32 0.00	27.17 1.37 0.00	33.78 1.72 0.00	41.73 2.20 0.00	56.80 2.77 -8.36	109.39 6.54 -0.01	55.56 3.15 0.00	36.08 2.04 0.00	176.49 2.29 -134.69	46.41 2.01 -9.70	81.48 1.90 -45.91	262.67 2.16 -224.73	38.90 2.12 0.00	38.74 2.02 0.00	40.50 2.43 0.00	63.21 4.01 -0.01	52.52 2.15 -14.62	54.67 1.74 -23.17	104.54 1.43 -78.51	53.35 1.51 -22.97	27.20 1.28 -0.01
GOWANUS_GT2_7 24120	24.05 1.21 0.00	24.13 1.19 0.00	24.72 1.20 0.00	27.36 1.32 0.00	27.17 1.37 0.00	33.78 1.72 0.00	41.73 2.20 0.00	56.80 2.77 -8.36	109.39 6.54 -0.01	55.56 3.15 0.00	36.08 2.04 0.00	176.49 2.29 -134.69	46.41 2.01 -9.70	81.48 1.90 -45.91	262.67 2.16 -224.73	38.90 2.12 0.00	38.74 2.02 0.00	40.50 2.43 0.00	63.21 4.01 -0.01	52.52 2.15 -14.62	54.67 1.74 -23.17	104.54 1.43 -78.51	53.35 1.51 -22.97	27.20 1.28 -0.01
GOWANUS_GT2_8 24121	24.05 1.21 0.00	24.13 1.19 0.00	24.72 1.20 0.00	27.36 1.32 0.00	27.17 1.37 0.00	33.78 1.72 0.00	41.73 2.20 0.00	56.80 2.77 -8.36	109.39 6.54 -0.01	55.56 3.15 0.00	36.08 2.04 0.00	176.49 2.29 -134.69	46.41 2.01 -9.70	81.48 1.90 -45.91	262.67 2.16 -224.73	38.90 2.12 0.00	38.74 2.02 0.00	40.50 2.43 0.00	63.21 4.01 -0.01	52.52 2.15 -14.62	54.67 1.74 -23.17	104.54 1.43 -78.51	53.35 1.51 -22.97	27.20 1.28 -0.01
GOWANUS_GT3_1 24122	24.05 1.21 0.00	24.13 1.19 0.00	24.72 1.20 0.00	27.36 1.32 0.00	27.17 1.37 0.00	33.78 1.72 0.00	41.73 2.20 0.00	56.80 2.77 -8.36	109.39 6.54 -0.01	55.56 3.15 0.00	36.08 2.04 0.00	176.49 2.29 -134.69	46.41 2.01 -9.70	81.48 1.90 -45.91	262.67 2.16 -224.73	38.90 2.12 0.00	38.74 2.02 0.00	40.50 2.43 0.00	63.21 4.01 -0.01	52.52 2.15 -14.62	54.67 1.74 -23.17	104.54 1.43 -78.51	53.35 1.51 -22.97	27.20 1.28 -0.01
GOWANUS_GT3_2 24123	24.05 1.21 0.00	24.13 1.19 0.00	24.72 1.20 0.00	27.36 1.32 0.00	27.17 1.37 0.00	33.78 1.72 0.00	41.73 2.20 0.00	56.80 2.77 -8.36	109.39 6.54 -0.01	55.56 3.15 0.00	36.08 2.04 0.00	176.49 2.29 -134.69	46.41 2.01 -9.70	81.48 1.90 -45.91	262.67 2.16 -224.73	38.90 2.12 0.00	38.74 2.02 0.00	40.50 2.43 0.00	63.21 4.01 -0.01	52.52 2.15 -14.62	54.67 1.74 -23.17	104.54 1.43 -78.51	53.35 1.51 -22.97	27.20 1.28 -0.01
GOWANUS_GT3_3 24124	24.05 1.21 0.00	24.13 1.19 0.00	24.72 1.20 0.00	27.36 1.32 0.00	27.17 1.37 0.00	33.78 1.72 0.00	41.73 2.20 0.00	56.80 2.77 -8.36	109.39 6.54 -0.01	55.56 3.15 0.00	36.08 2.04 0.00	176.49 2.29 -134.69	46.41 2.01 -9.70	81.48 1.90 -45.91	262.67 2.16 -224.73	38.90 2.12 0.00	38.74 2.02 0.00	40.50 2.43 0.00	63.21 4.01 -0.01	52.52 2.15 -14.62	54.67 1.74 -23.17	104.54 1.43 -78.51	53.35 1.51 -22.97	27.20 1.28 -0.01
GOWANUS_GT3_4 24125	24.05 1.21 0.00	24.13 1.19 0.00																						

GOWANUS_GT4_4 24133	24.06 1.22 0.00	24.13 1.19 0.00	24.72 1.20 0.00	27.36 1.32 0.00	27.17 1.37 0.00	33.78 1.72 0.00	41.73 2.20 0.00	56.80 2.77 -8.36	109.38 6.53 -0.01	55.56 3.15 0.00	36.09 2.04 0.00	176.49 2.30 -134.69	46.41 2.01 -9.70	81.48 1.90 -45.91	262.67 2.16 -224.73	38.90 2.12 0.00	38.74 2.02 0.00	40.50 2.43 0.00	63.19 3.99 -0.01	52.52 2.15 -14.62	54.67 1.74 -23.17	104.54 1.42 -78.51	53.35 1.51 -22.97	27.20 1.28 -0.01
GOWANUS_GT4_5 24134	24.06 1.22 0.00	24.13 1.19 0.00	24.72 1.20 0.00	27.36 1.32 0.00	27.17 1.37 0.00	33.78 1.72 0.00	41.73 2.20 0.00	56.80 2.77 -8.36	109.38 6.53 -0.01	55.56 3.15 0.00	36.09 2.04 0.00	176.49 2.30 -134.69	46.41 2.01 -9.70	81.48 1.90 -45.91	262.67 2.16 -224.73	38.90 2.12 0.00	38.74 2.02 0.00	40.50 2.43 0.00	63.19 3.99 -0.01	52.52 2.15 -14.62	54.67 1.74 -23.17	104.54 1.42 -78.51	53.35 1.51 -22.97	27.20 1.28 -0.01
GOWANUS_GT4_6 24135	24.06 1.22 0.00	24.13 1.19 0.00	24.72 1.20 0.00	27.36 1.32 0.00	27.17 1.37 0.00	33.78 1.72 0.00	41.73 2.20 0.00	56.80 2.77 -8.36	109.38 6.53 -0.01	55.56 3.15 0.00	36.09 2.04 0.00	176.49 2.30 -134.69	46.41 2.01 -9.70	81.48 1.90 -45.91	262.67 2.16 -224.73	38.90 2.12 0.00	38.74 2.02 0.00	40.50 2.43 0.00	63.19 3.99 -0.01	52.52 2.15 -14.62	54.67 1.74 -23.17	104.54 1.42 -78.51	53.35 1.51 -22.97	27.20 1.28 -0.01
GOWANUS_GT4_7 24136	24.06 1.22 0.00	24.13 1.19 0.00	24.72 1.20 0.00	27.36 1.32 0.00	27.17 1.37 0.00	33.78 1.72 0.00	41.73 2.20 0.00	56.80 2.77 -8.36	109.38 6.53 -0.01	55.56 3.15 0.00	36.09 2.04 0.00	176.49 2.30 -134.69	46.41 2.01 -9.70	81.48 1.90 -45.91	262.67 2.16 -224.73	38.90 2.12 0.00	38.74 2.02 0.00	40.50 2.43 0.00	63.19 3.99 -0.01	52.52 2.15 -14.62	54.67 1.74 -23.17	104.54 1.42 -78.51	53.35 1.51 -22.97	27.20 1.28 -0.01
GOWANUS_GT4_8 24137	24.06 1.22 0.00	24.13 1.19 0.00	24.72 1.20 0.00	27.36 1.32 0.00	27.17 1.37 0.00	33.78 1.72 0.00	41.73 2.20 0.00	56.80 2.77 -8.36	109.38 6.53 -0.01	55.56 3.15 0.00	36.09 2.04 0.00	176.49 2.30 -134.69	46.41 2.01 -9.70	81.48 1.90 -45.91	262.67 2.16 -224.73	38.90 2.12 0.00	38.74 2.02 0.00	40.50 2.43 0.00	63.19 3.99 -0.01	52.52 2.15 -14.62	54.67 1.74 -23.17	104.54 1.42 -78.51	53.35 1.51 -22.97	27.20 1.28 -0.01
GREENBSH_115KV_TB3 55895	23.15 0.31 0.00	23.21 0.27 0.00	23.82 0.30 0.00	26.40 0.35 0.00	26.18 0.37 0.00	32.48 0.41 0.00	40.00 0.46 0.00	46.42 0.74 0.00	104.57 1.72 0.00	53.21 0.80 0.00	34.51 0.47 0.00	39.95 0.44 0.00	35.17 0.46 0.00	34.01 0.34 0.00	36.17 0.39 0.00	37.14 0.36 0.00	37.03 0.31 0.00	38.59 0.52 0.00	59.94 0.74 0.00	36.11 0.35 0.00	30.14 0.38 0.00	24.94 0.34 0.00	29.26 0.39 0.00	26.22 0.31 0.00
GREENDGE_115KV_TB5 80291	22.10 -0.74 0.00	22.07 -0.86 0.01	22.60 -0.92 0.00	25.05 -1.00 0.00	24.86 -0.94 0.00	30.82 -1.25 0.01	16.00 -1.54 21.99	16.51 -1.45 27.72	99.43 -3.16 0.25	41.17 -1.91 9.34	33.07 -0.97 0.00	38.35 -1.16 0.00	33.78 -0.93 0.00	32.82 -0.85 0.00	34.77 -1.02 0.00	35.82 -0.95 0.00	35.90 -0.82 0.00	37.57 -0.50 0.00	58.31 -0.89 0.00	35.09 -0.66 0.00	29.19 -0.57 0.00	24.14 -0.46 0.00	28.47 -0.41 0.00	25.57 -0.34 0.00
GREENIDGE___3 23582	22.10 -0.74 0.00	22.07 -0.86 0.01	22.60 -0.92 0.00	25.05 -1.00 0.00	24.86 -0.94 0.00	30.82 -1.25 0.01	16.00 -1.54 21.99	16.51 -1.45 27.72	99.43 -3.16 0.25	41.17 -1.91 9.34	33.07 -0.97 0.00	38.35 -1.16 0.00	33.78 -0.93 0.00	32.82 -0.85 0.00	34.77 -1.02 0.00	35.82 -0.95 0.00	35.90 -0.82 0.00	37.57 -0.50 0.00	58.31 -0.89 0.00	35.09 -0.66 0.00	29.19 -0.57 0.00	24.14 -0.46 0.00	28.47 -0.41 0.00	25.57 -0.34 0.00
GREENIDGE___4 23583	22.10 -0.74 0.00	22.06 -0.88 0.01	22.60 -0.92 0.00	25.05 -1.00 0.00	24.86 -0.95 0.00	30.82 -1.25 0.01	15.98 -1.55 21.99	16.51 -1.45 27.72	99.43 -3.16 0.25	41.16 -1.91 9.34	33.08 -0.97 0.00	38.36 -1.15 0.00	33.77 -0.94 0.00	32.82 -0.85 0.00	34.77 -1.01 0.00	35.81 -0.96 0.00	35.90 -0.82 0.00	37.57 -0.50 0.00	58.29 -0.91 0.00	35.09 -0.66 0.00	29.18 -0.57 0.00	24.14 -0.46 0.00	28.46 -0.41 0.00	25.57 -0.34 0.00
GREENLWN_69_KV_BK 3 55738	24.23 1.39 0.00	24.31 1.36 0.00	24.93 1.41 0.00	48.30 1.66 -20.59	27.37 1.56 0.00	38.43 1.75 -4.62	100.85 2.55 -58.77	65.41 3.09 -16.64	108.99 6.14 0.00	55.22 2.80 0.00	36.16 2.12 0.00	41.63 2.12 0.00	36.80 2.06 -0.03	37.71 2.08 -1.97	40.44 2.33 -2.32	41.49 2.29 -2.43	38.78 2.05 0.00	40.50 2.44 0.00	62.98 3.78 0.00	37.76 2.01 0.00	37.67 1.76 -6.15	26.00 1.40 0.00	30.47 1.60 0.00	27.25 1.34 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	24.06 1.22 0.00	24.13 1.19 0.00	24.72 1.20 0.00	27.36 1.32 0.00	27.17 1.37 0.00	33.78 1.72 0.00	41.73 2.20 0.00	56.80 2.77 -8.36	109.38 6.53 -0.01	55.56 3.15 0.00	36.09 2.04 0.00	176.49 2.30 -134.69	46.41 2.01 -9.70	81.48 1.90 -45.91	262.67 2.16 -224.73	38.90 2.12 0.00	38.74 2.02 0.00	40.50 2.43 0.00	63.19 3.99 -0.01	52.52 2.15 -14.62	54.67 1.74 -23.17	104.54 1.42 -78.51	53.35 1.51 -22.97	27.20 1.28 -0.01
GRISSOM___SOLAR 323813	24.93 2.09 0.00	24.99 2.05 0.00	25.59 2.07 0.00	28.31 2.26 0.00	28.11 2.31 0.00	35.22 3.16 0.00	43.86 4.32 0.00	50.87 5.19 0.00	114.15 11.31 0.00	57.98 5.57 0.00	37.74 3.69 0.00	43.72 4.21 0.00	38.38 3.67 0.00	37.11 3.45 0.00	39.48 3.70 0.00	40.80 4.03 0.00	41.00 4.27 0.00	42.88 4.81 0.00	66.57 7.37 0.00	40.11 4.36 0.00	33.17 3.41 0.00	27.34 2.75 0.00	31.96 3.08 0.00	28.52 2.62 0.00
GROVEVILLE___HYD 323602	24.06 1.22 0.00	24.12 1.18 0.00	24.75 1.22 0.00	27.42 1.37 0.00	27.19 1.39 0.00	33.82 1.76 0.00	41.82 2.29 0.00	48.52 2.84 0.00	109.28 6.44 0.00	55.50 3.09 0.00	36.02 1.98 0.00	41.68 2.16 0.00	36.64 1.92 0.00	35.49 1.83 0.00	37.77 1.98 0.00	38.77 1.99 0.00	38.68 1.96 0.00	40.49 2.42 0.00	62.99 3.79 0.00	37.85 2.10 0.00	31.48 1.73 0.00	25.98 1.38 0.00	30.38 1.50 0.00	27.19 1.28 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	22.39 -0.45 0.00	22.42 -0.52 0.00	22.98 -0.54 0.00	25.41 -0.64 0.00	25.19 -0.62 0.00	31.34 -0.72 0.00	38.65 -0.88 0.00	44.73 -0.95 0.00	100.86 -1.98 0.00	51.27 -1.14 0.00	33.34 -0.71 0.00	38.71 -0.80 0.00	34.01 -0.70 0.00	33.01 -0.65 0.00	35.09 -0.70 0.00	36.09 -0.68 0.00	36.09 -0.64 0.00	37.62 -0.45 0.00	58.46 -0.75 0.00	35.23 -0.52 0.00	29.28 -0.48 0.00	24.21 -0.40 0.00	28.36 -0.51 0.00	25.44 -0.47 0.00
HAMLTNNY_34_KV_TB 80303	22.40 -0.44 0.00	22.42 -0.52 0.00	22.98 -0.54 0.00	25.41 -0.64 0.00	25.19 -0.62 0.00	31.37 -0.70 0.00	38.70 -0.83 0.00	44.76 -0.92 0.00	100.87 -1.97 0.00	51.25 -1.17 0.00	33.35 -0.69 0.00	38.70 -0.81 0.00	34.00 -0.71 0.00	33.00 -0.67 0.00	35.09 -0.69 0.00	36.10 -0.67 0.00	36.10 -0.63 0.00	37.65 -0.41 0.00	58.54 -0.67 0.00	35.28 -0.48 0.00	29.30 -0.46 0.00	24.22 -0.38 0.00	28.38 -0.49 0.00	25.46 -0.45 0.00

HAMPSHIRE___PAPER_HYD 323593	22.36 -0.48 0.00	22.59 -0.35 0.00	23.20 -0.32 0.00	25.63 -0.42 0.00	25.36 -0.44 0.00	31.70 -0.37 0.00	39.27 -0.26 0.00	45.55 -0.12 0.00	102.88 0.04 0.00	52.76 0.35 0.00	34.12 0.08 0.00	39.76 0.25 0.00	34.92 0.20 0.00	33.92 0.26 0.00	35.87 0.09 0.00	36.92 0.15 0.00	36.79 0.06 0.00	37.98 -0.09 0.00	58.91 -0.28 0.00	35.67 -0.08 0.00	29.65 -0.11 0.00	24.45 -0.15 0.00	28.76 -0.11 0.00	25.87 -0.04 0.00
HARDSCRABBLE_WT_PWR 323673	23.01 0.17 0.00	23.06 0.12 0.00	23.67 0.15 0.00	26.21 0.16 0.00	26.00 0.19 0.00	32.23 0.16 0.00	39.87 0.34 0.00	46.35 0.67 0.00	104.77 1.92 0.00	53.19 0.78 0.00	34.50 0.46 0.00	39.89 0.38 0.00	35.02 0.31 0.00	33.91 0.24 0.00	36.07 0.29 0.00	36.95 0.18 0.00	36.77 0.05 0.00	38.47 0.40 0.00	59.93 0.73 0.00	36.04 0.29 0.00	30.06 0.31 0.00	24.85 0.25 0.00	29.10 0.23 0.00	26.01 0.10 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	23.87 1.03 0.00	23.94 1.00 0.00	24.57 1.05 0.00	27.23 1.18 0.00	27.00 1.20 0.00	33.55 1.48 0.00	41.48 1.95 0.00	48.15 2.48 0.00	108.47 5.62 0.00	55.08 2.66 0.00	35.72 1.68 0.00	41.34 1.83 0.00	36.32 1.61 0.00	35.22 1.56 0.00	37.52 1.74 0.00	38.51 1.73 0.00	38.42 1.70 0.00	40.21 2.14 0.00	62.60 3.40 0.00	37.61 1.85 0.00	31.24 1.49 0.00	25.78 1.18 0.00	30.16 1.29 0.00	27.01 1.10 0.00
HARSNRAD_115KV_TB1 81005	20.47 -2.37 0.00	20.40 -2.54 0.00	20.87 -2.66 0.00	23.20 -2.84 0.00	22.99 -2.81 0.00	28.79 -3.27 0.00	29.16 -4.14 6.24	32.85 -5.05 7.77	90.84 -11.93 0.07	42.00 -6.48 3.94	30.21 -3.84 0.00	35.14 -4.37 0.00	30.85 -3.86 0.00	29.73 -3.93 0.00	31.66 -4.12 0.00	32.75 -4.02 0.00	32.94 -3.78 0.00	34.66 -3.40 0.00	53.36 -5.84 0.00	32.13 -3.62 0.00	26.57 -3.18 0.00	22.01 -2.59 0.00	26.32 -2.55 0.00	23.97 -1.94 0.00
HARZA MOOSE___RIVER 24016	22.81 -0.04 0.00	22.91 -0.03 0.00	23.53 0.00 0.00	25.92 -0.13 0.00	25.70 -0.10 0.00	32.12 0.05 0.00	39.69 0.15 0.00	45.96 0.28 0.00	103.93 1.09 0.00	53.07 0.66 0.00	34.41 0.36 0.00	39.94 0.43 0.00	35.18 0.47 0.00	34.22 0.55 0.00	36.32 0.54 0.00	37.38 0.61 0.00	37.42 0.70 0.00	39.00 0.93 0.00	60.54 1.33 0.00	36.57 0.82 0.00	30.39 0.63 0.00	25.07 0.47 0.00	29.36 0.49 0.00	26.30 0.39 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	22.21 -0.63 0.00	22.25 -0.69 0.00	22.79 -0.73 0.00	25.20 -0.85 0.00	24.99 -0.81 0.00	31.09 -0.97 0.00	38.30 -1.23 0.00	44.33 -1.35 0.00	99.91 -2.93 0.00	50.78 -1.63 0.00	33.04 -1.01 0.00	38.36 -1.16 0.00	33.70 -1.01 0.00	32.71 -0.96 0.00	34.78 -1.00 0.00	35.77 -1.01 0.00	35.76 -0.97 0.00	37.27 -0.80 0.00	57.87 -1.33 0.00	34.87 -0.88 0.00	28.99 -0.77 0.00	23.96 -0.64 0.00	28.11 -0.77 0.00	25.22 -0.69 0.00
HELLGATE_13_KV_LD 55870	23.94 1.10 0.00	24.02 1.08 0.00	24.61 1.09 0.00	27.23 1.18 0.00	27.04 1.23 0.00	33.60 1.53 0.00	41.50 1.97 0.00	48.23 2.55 0.00	108.87 6.02 0.00	55.30 2.89 0.00	35.94 1.90 0.00	41.59 2.08 0.00	36.55 1.84 0.00	35.40 1.73 0.00	37.74 1.96 0.00	38.68 1.91 0.00	38.52 1.80 0.00	40.30 2.23 0.00	62.83 3.63 0.00	37.68 1.93 0.00	31.31 1.56 0.00	25.87 1.27 0.00	30.20 1.33 0.00	27.01 1.11 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	23.94 1.10 0.00	24.02 1.08 0.00	24.61 1.09 0.00	27.23 1.18 0.00	27.04 1.23 0.00	33.60 1.53 0.00	41.50 1.97 0.00	48.23 2.55 0.00	108.87 6.02 0.00	55.30 2.89 0.00	35.94 1.90 0.00	41.59 2.08 0.00	36.55 1.84 0.00	35.40 1.73 0.00	37.74 1.96 0.00	38.68 1.91 0.00	38.52 1.80 0.00	40.30 2.23 0.00	62.83 3.63 0.00	37.68 1.93 0.00	31.31 1.56 0.00	25.87 1.27 0.00	30.20 1.33 0.00	27.01 1.11 0.00
HEMPSTEAD___ 23647	24.25 1.41 0.00	24.35 1.41 0.00	24.96 1.44 0.00	48.29 1.65 -20.59	27.43 1.62 0.00	38.64 1.95 -4.62	100.96 2.66 -58.77	65.56 3.25 -16.64	109.54 6.70 0.00	55.56 3.15 0.00	36.27 2.23 0.00	41.86 2.34 0.00	36.97 2.23 -0.03	37.84 2.20 -1.97	40.58 2.48 -2.32	41.66 2.46 -2.43	38.97 2.25 0.00	40.69 2.62 0.00	63.34 4.14 0.00	37.98 2.23 0.00	37.87 1.97 -6.15	26.15 1.55 0.00	30.59 1.72 0.00	27.32 1.42 0.00
HEWLETT__69_KV_BK3 55828	24.26 1.42 0.00	24.45 1.51 0.00	25.08 1.55 0.00	48.40 1.75 -20.59	27.55 1.74 0.00	38.80 2.12 -4.62	101.00 2.69 -58.77	65.58 3.26 -16.64	109.53 6.68 0.00	55.54 3.13 0.00	36.26 2.22 0.00	41.87 2.36 0.00	36.98 2.24 -0.03	37.81 2.18 -1.97	40.35 2.25 -2.32	41.54 2.34 -2.43	39.01 2.29 0.00	40.81 2.74 0.00	63.42 4.21 0.00	38.06 2.31 0.00	37.96 2.05 -6.15	26.17 1.57 0.00	30.60 1.72 0.00	27.34 1.43 0.00
HICKLING___1 23621	22.01 -0.83 0.00	21.95 -0.98 0.01	22.51 -1.02 0.00	24.92 -1.13 0.00	24.72 -1.08 0.00	30.72 -1.34 0.01	16.17 -1.68 21.68	16.62 -1.65 27.40	99.68 -2.91 0.25	40.13 -2.00 10.28	32.89 -1.15 0.00	38.42 -1.09 0.00	33.69 -1.02 0.00	32.75 -0.92 0.00	34.81 -0.97 0.00	35.92 -0.86 0.00	35.99 -0.74 0.00	37.61 -0.46 0.00	58.44 -0.76 0.00	35.12 -0.63 0.00	29.08 -0.67 0.00	24.02 -0.58 0.00	28.44 -0.43 0.00	25.54 -0.37 0.00
HICKLING___2 23622	22.01 -0.83 0.00	21.95 -0.98 0.01	22.51 -1.02 0.00	24.92 -1.13 0.00	24.72 -1.08 0.00	30.72 -1.34 0.01	16.17 -1.68 21.68	16.62 -1.65 27.40	99.68 -2.91 0.25	40.13 -2.00 10.28	32.89 -1.15 0.00	38.42 -1.09 0.00	33.69 -1.02 0.00	32.75 -0.92 0.00	34.81 -0.97 0.00	35.92 -0.86 0.00	35.99 -0.74 0.00	37.61 -0.46 0.00	58.44 -0.76 0.00	35.12 -0.63 0.00	29.08 -0.67 0.00	24.02 -0.58 0.00	28.44 -0.43 0.00	25.54 -0.37 0.00
HIGH FALLS___HY 23754	24.12 1.28 0.00	24.19 1.25 0.00	24.81 1.29 0.00	27.49 1.45 0.00	27.27 1.47 0.00	33.93 1.87 0.00	42.00 2.47 0.00	48.75 3.07 0.00	109.73 6.88 0.00	55.70 3.28 0.00	36.15 2.11 0.00	41.80 2.29 0.00	36.50 1.79 0.00	35.31 1.64 0.00	37.60 1.82 0.00	38.64 1.87 0.00	38.59 1.87 0.00	40.43 2.36 0.00	62.94 3.74 0.00	37.85 2.09 0.00	31.61 1.85 0.00	26.06 1.46 0.00	30.44 1.56 0.00	27.25 1.34 0.00
HILLBURN___GT 23639	23.83 0.99 0.00	23.91 0.97 0.00	24.55 1.02 0.00	27.20 1.15 0.00	26.98 1.18 0.00	33.50 1.44 0.00	41.42 1.89 0.00	48.14 2.46 0.00	108.39 5.54 0.00	55.01 2.59 0.00	35.66 1.62 0.00	41.27 1.76 0.00	36.26 1.55 0.00	35.19 1.52 0.00	37.48 1.70 0.00	38.42 1.65 0.00	38.30 1.58 0.00	40.08 2.01 0.00	62.46 3.26 0.00	37.52 1.76 0.00	31.16 1.40 0.00	25.72 1.12 0.00	30.09 1.22 0.00	26.95 1.05 0.00
HILLSIDE_115KV_TB1 80332	21.91 -0.92 0.00	21.86 -1.08 0.01	22.42 -1.10 0.00	24.82 -1.23 0.00	24.60 -1.21 0.00	30.58 -1.48 0.00	16.81 -1.89 20.83	17.20 -1.93 26.55	99.12 -3.48 0.24	40.00 -2.32 10.09	32.64 -1.40 0.00	38.13 -1.39 0.00	33.42 -1.29 0.00	32.53 -1.14 0.00	34.51 -1.27 0.00	35.55 -1.22 0.00	35.60 -1.13 0.00	37.20 -0.87 0.00	57.82 -1.38 0.00	34.71 -1.04 0.00	28.77 -0.99 0.00	23.78 -0.82 0.00	28.14 -0.74 0.00	25.23 -0.68 0.00

HISHELDN_WT_PWR 323625	20.73 -2.11 0.00	20.56 -2.37 0.00	21.05 -2.48 0.00	23.38 -2.67 0.00	23.19 -2.62 0.00	28.89 -3.18 0.00	26.04 -3.98 9.51	29.25 -4.58 11.85	92.61 -10.12 0.11	39.13 -5.63 7.65	30.73 -3.32 0.00	35.91 -3.60 0.00	31.55 -3.17 0.00	30.45 -3.22 0.00	32.57 -3.22 0.00	33.73 -3.05 0.00	33.82 -2.90 0.00	35.49 -2.58 0.00	54.95 -4.25 0.00	33.17 -2.58 0.00	27.45 -2.31 0.00	22.73 -1.87 0.00	27.12 -1.75 0.00	24.57 -1.34 0.00
HOLTSVILLE_IC_1 23690	24.44 1.60 0.00	24.56 1.62 0.00	25.19 1.67 0.00	48.59 1.94 -20.59	27.66 1.86 0.00	38.87 2.18 -4.62	101.64 3.34 -58.77	66.18 3.86 -16.64	110.32 7.48 0.00	55.74 3.32 0.00	36.45 2.41 0.00	41.86 2.35 0.00	36.93 2.19 -0.03	37.95 2.31 -1.97	40.83 2.73 -2.32	41.90 2.69 -2.43	39.16 2.44 0.00	40.96 2.88 0.00	63.77 4.56 0.00	38.11 2.36 0.00	38.06 2.15 -6.15	26.26 1.66 0.00	30.76 1.88 0.00	27.50 1.59 0.00
HOLTSVILLE_IC_10 23699	24.53 1.69 0.00	24.66 1.72 0.00	25.29 1.77 0.00	48.71 2.06 -20.59	27.78 1.97 0.00	39.01 2.32 -4.62	101.86 3.55 -58.77	66.43 4.12 -16.64	110.91 8.06 0.00	56.00 3.58 0.00	36.62 2.57 0.00	42.03 2.52 0.00	37.07 2.33 -0.03	38.11 2.47 -1.97	41.02 2.92 -2.32	42.10 2.89 -2.43	39.35 2.62 0.00	41.17 3.09 0.00	64.12 4.92 0.00	38.30 2.54 0.00	38.21 2.31 -6.15	26.39 1.79 0.00	30.89 2.01 0.00	27.62 1.71 0.00
HOLTSVILLE_IC_2 23691	24.44 1.60 0.00	24.56 1.62 0.00	25.19 1.67 0.00	48.59 1.94 -20.59	27.66 1.86 0.00	38.87 2.18 -4.62	101.64 3.34 -58.77	66.18 3.86 -16.64	110.32 7.48 0.00	55.74 3.32 0.00	36.45 2.41 0.00	41.86 2.35 0.00	36.93 2.19 -0.03	37.95 2.31 -1.97	40.83 2.73 -2.32	41.90 2.69 -2.43	39.16 2.44 0.00	40.96 2.88 0.00	63.77 4.56 0.00	38.11 2.36 0.00	38.06 2.15 -6.15	26.26 1.66 0.00	30.76 1.88 0.00	27.50 1.59 0.00
HOLTSVILLE_IC_3 23692	24.44 1.60 0.00	24.56 1.62 0.00	25.19 1.67 0.00	48.59 1.94 -20.59	27.66 1.86 0.00	38.87 2.18 -4.62	101.64 3.34 -58.77	66.18 3.86 -16.64	110.32 7.48 0.00	55.74 3.32 0.00	36.45 2.41 0.00	41.86 2.35 0.00	36.93 2.19 -0.03	37.95 2.31 -1.97	40.83 2.73 -2.32	41.90 2.69 -2.43	39.16 2.44 0.00	40.96 2.88 0.00	63.77 4.56 0.00	38.11 2.36 0.00	38.06 2.15 -6.15	26.26 1.66 0.00	30.76 1.88 0.00	27.50 1.59 0.00
HOLTSVILLE_IC_4 23693	24.44 1.60 0.00	24.56 1.62 0.00	25.19 1.67 0.00	48.59 1.94 -20.59	27.66 1.86 0.00	38.87 2.18 -4.62	101.64 3.34 -58.77	66.18 3.86 -16.64	110.32 7.48 0.00	55.74 3.32 0.00	36.45 2.41 0.00	41.86 2.35 0.00	36.93 2.19 -0.03	37.95 2.31 -1.97	40.83 2.73 -2.32	41.90 2.69 -2.43	39.16 2.44 0.00	40.96 2.88 0.00	63.77 4.56 0.00	38.11 2.36 0.00	38.06 2.15 -6.15	26.26 1.66 0.00	30.76 1.88 0.00	27.50 1.59 0.00
HOLTSVILLE_IC_5 23694	24.44 1.60 0.00	24.56 1.62 0.00	25.19 1.67 0.00	48.59 1.94 -20.59	27.66 1.86 0.00	38.87 2.18 -4.62	101.64 3.34 -58.77	66.18 3.86 -16.64	110.32 7.48 0.00	55.74 3.32 0.00	36.45 2.41 0.00	41.86 2.35 0.00	36.93 2.19 -0.03	37.95 2.31 -1.97	40.83 2.73 -2.32	41.90 2.69 -2.43	39.16 2.44 0.00	40.96 2.88 0.00	63.77 4.56 0.00	38.11 2.36 0.00	38.06 2.15 -6.15	26.26 1.66 0.00	30.76 1.88 0.00	27.50 1.59 0.00
HOLTSVILLE_IC_6 23695	24.53 1.69 0.00	24.66 1.72 0.00	25.29 1.77 0.00	48.71 2.06 -20.59	27.78 1.97 0.00	39.01 2.32 -4.62	101.86 3.55 -58.77	66.43 4.12 -16.64	110.91 8.06 0.00	56.00 3.58 0.00	36.62 2.57 0.00	42.03 2.52 0.00	37.07 2.33 -0.03	38.11 2.47 -1.97	41.02 2.92 -2.32	42.10 2.89 -2.43	39.35 2.62 0.00	41.17 3.09 0.00	64.12 4.92 0.00	38.30 2.54 0.00	38.21 2.31 -6.15	26.39 1.79 0.00	30.89 2.01 0.00	27.62 1.71 0.00
HOLTSVILLE_IC_7 23696	24.53 1.69 0.00	24.66 1.72 0.00	25.29 1.77 0.00	48.71 2.06 -20.59	27.78 1.97 0.00	39.01 2.32 -4.62	101.86 3.55 -58.77	66.43 4.12 -16.64	110.91 8.06 0.00	56.00 3.58 0.00	36.62 2.57 0.00	42.03 2.52 0.00	37.07 2.33 -0.03	38.11 2.47 -1.97	41.02 2.92 -2.32	42.10 2.89 -2.43	39.35 2.62 0.00	41.17 3.09 0.00	64.12 4.92 0.00	38.30 2.54 0.00	38.21 2.31 -6.15	26.39 1.79 0.00	30.89 2.01 0.00	27.62 1.71 0.00
HOLTSVILLE_IC_8 23697	24.53 1.69 0.00	24.66 1.72 0.00	25.29 1.77 0.00	48.71 2.06 -20.59	27.78 1.97 0.00	39.01 2.32 -4.62	101.86 3.55 -58.77	66.43 4.12 -16.64	110.91 8.06 0.00	56.00 3.58 0.00	36.62 2.57 0.00	42.03 2.52 0.00	37.07 2.33 -0.03	38.11 2.47 -1.97	41.02 2.92 -2.32	42.10 2.89 -2.43	39.35 2.62 0.00	41.17 3.09 0.00	64.12 4.92 0.00	38.30 2.54 0.00	38.21 2.31 -6.15	26.39 1.79 0.00	30.89 2.01 0.00	27.62 1.71 0.00
HOLTSVILLE_IC_9 23698	24.53 1.69 0.00	24.66 1.72 0.00	25.29 1.77 0.00	48.71 2.06 -20.59	27.78 1.97 0.00	39.01 2.32 -4.62	101.86 3.55 -58.77	66.43 4.12 -16.64	110.91 8.06 0.00	56.00 3.58 0.00	36.62 2.57 0.00	42.03 2.52 0.00	37.07 2.33 -0.03	38.11 2.47 -1.97	41.02 2.92 -2.32	42.10 2.89 -2.43	39.35 2.62 0.00	41.17 3.09 0.00	64.12 4.92 0.00	38.30 2.54 0.00	38.21 2.31 -6.15	26.39 1.79 0.00	30.89 2.01 0.00	27.62 1.71 0.00
HOMER_HL_115KV_TB2 355744	21.71 -1.13 0.00	21.63 -1.31 0.00	22.16 -1.36 0.00	24.63 -1.42 0.00	24.37 -1.43 0.00	30.34 -1.72 0.00	28.14 -2.20 9.20	31.58 -2.54 11.56	97.08 -5.65 0.11	44.19 -3.39 4.83	32.05 -2.00 0.00	37.58 -1.93 0.00	33.02 -1.68 0.00	31.96 -1.71 0.00	34.04 -1.74 0.00	35.17 -1.60 0.00	35.29 -1.43 0.00	36.87 -1.19 0.00	57.28 -1.92 0.00	34.37 -1.38 0.00	28.32 -1.44 0.00	23.50 -1.10 0.00	28.05 -0.82 0.00	25.34 -0.56 0.00
HOWARD_WT_PWR 323690	21.09 -1.75 0.00	21.27 -1.66 0.01	21.65 -1.87 0.00	24.07 -1.98 0.00	24.04 -1.77 0.00	29.16 -2.90 0.00	15.91 -3.53 20.09	16.72 -3.67 25.29	95.42 -7.19 0.23	42.15 -3.65 6.60	31.93 -2.11 0.00	37.40 -2.11 0.00	32.88 -1.83 0.00	31.71 -1.96 0.00	34.07 -1.71 0.00	35.43 -1.34 0.00	35.52 -1.20 0.00	37.11 -0.96 0.00	57.62 -1.58 0.00	34.69 -1.06 0.00	28.72 -1.04 0.00	23.81 -0.79 0.00	28.32 -0.55 0.00	25.53 -0.37 0.00
HQ_GEN_CEDARS 23644	23.13 0.29 0.00	23.45 0.50 0.00	24.05 0.53 0.00	26.68 0.63 0.00	26.36 0.55 0.00	32.83 0.77 0.00	40.40 0.87 0.00	46.66 0.98 0.00	105.04 2.20 0.00	53.99 1.58 0.00	34.90 0.86 0.00	40.78 1.27 0.00	35.60 0.89 0.00	34.57 0.90 0.00	36.52 0.74 0.00	37.55 0.78 0.00	37.42 0.70 0.00	38.36 0.29 0.00	59.50 0.30 0.00	36.10 0.35 0.00	30.04 0.28 0.00	24.81 0.21 0.00	29.37 0.50 0.00	26.44 0.54 0.00
HQ_GEN_CEDARS_PROXY 323590	23.15 0.29 -0.02	23.45 0.50 0.00	24.05 0.53 0.00	26.68 0.63 0.00	26.36 0.56 0.00	32.83 0.77 0.00	40.40 0.87 0.00	46.66 0.98 0.00	105.04 2.20 0.00	53.99 1.58 0.00	34.90 0.86 0.00	40.78 1.27 0.00	35.60 0.89 0.00	34.57 0.90 0.00	36.53 0.74 0.00	37.55 0.78 0.00	37.42 0.70 0.00	38.36 0.29 0.00	59.50 0.30 0.00	36.10 0.35 0.00	30.04 0.28 0.00	24.81 0.21 0.00	29.37 0.50 0.00	26.45 0.54 0.00

HQ_GEN_IMPORT 323601	23.03 0.19 0.00	23.17 0.23 0.00	23.76 0.24 0.00	26.35 0.30 0.00	26.07 0.26 0.00	32.40 0.34 0.00	39.95 0.41 0.00	45.86 0.41 0.23	103.69 0.84 0.00	53.02 0.61 0.00	34.42 0.38 0.00	40.04 0.53 0.00	34.80 0.41 0.31	38.01 0.38 -3.96	36.13 0.35 0.00	37.13 0.36 0.00	37.08 0.36 0.00	32.32 0.06 5.81	59.35 0.14 0.00	35.97 0.22 0.00	29.93 0.18 0.00	24.74 0.14 0.00	29.09 0.22 0.00	26.14 0.23 0.00
HQ_GEN_WHEEL 23651	23.03 0.19 0.00	23.17 0.23 0.00	23.76 0.24 0.00	26.35 0.30 0.00	26.07 0.26 0.00	32.40 0.34 0.00	39.95 0.41 0.00	45.86 0.41 0.23	103.69 0.84 0.00	53.02 0.61 0.00	34.42 0.38 0.00	40.04 0.53 0.00	34.80 0.41 0.31	38.01 0.38 -3.96	36.13 0.35 0.00	37.13 0.36 0.00	37.08 0.36 0.00	32.32 0.06 5.81	59.35 0.14 0.00	35.97 0.22 0.00	29.93 0.18 0.00	24.74 0.14 0.00	29.09 0.22 0.00	26.14 0.23 0.00
HUDSON AVE_GT_3 23810	23.98 1.14 0.00	24.05 1.11 0.00	24.67 1.14 0.00	27.31 1.26 0.00	27.11 1.31 0.00	33.69 1.63 0.00	41.61 2.08 0.00	48.33 2.66 0.00	109.07 6.22 0.00	55.41 2.99 0.00	36.01 1.96 0.00	41.64 2.12 0.00	36.61 1.90 0.00	35.46 1.80 0.00	37.81 2.02 0.00	38.77 2.00 0.00	38.62 1.90 0.00	40.39 2.32 0.00	62.97 3.76 0.00	37.77 2.02 0.00	31.38 1.63 0.00	25.92 1.32 0.00	30.29 1.42 0.00	27.08 1.17 0.00
HUDSON AVE_GT_4 23540	23.98 1.14 0.00	24.05 1.11 0.00	24.67 1.14 0.00	27.31 1.26 0.00	27.11 1.31 0.00	33.69 1.63 0.00	41.61 2.08 0.00	48.33 2.66 0.00	109.07 6.22 0.00	55.41 2.99 0.00	36.01 1.96 0.00	41.64 2.12 0.00	36.61 1.90 0.00	35.46 1.80 0.00	37.81 2.02 0.00	38.77 2.00 0.00	38.62 1.90 0.00	40.39 2.32 0.00	62.97 3.76 0.00	37.77 2.02 0.00	31.38 1.63 0.00	25.92 1.32 0.00	30.29 1.42 0.00	27.08 1.17 0.00
HUDSON AVE_GT_5 23657	23.98 1.14 0.00	24.05 1.11 0.00	24.67 1.14 0.00	27.31 1.26 0.00	27.11 1.31 0.00	33.69 1.63 0.00	41.61 2.08 0.00	48.33 2.66 0.00	109.07 6.22 0.00	55.41 2.99 0.00	36.01 1.96 0.00	41.64 2.12 0.00	36.61 1.90 0.00	35.46 1.80 0.00	37.81 2.02 0.00	38.77 2.00 0.00	38.62 1.90 0.00	40.39 2.32 0.00	62.97 3.76 0.00	37.77 2.02 0.00	31.38 1.63 0.00	25.92 1.32 0.00	30.29 1.42 0.00	27.08 1.17 0.00
HUDSON_AVE_10 24168	23.93 1.09 0.00	24.01 1.06 0.00	24.62 1.09 0.00	27.25 1.20 0.00	27.06 1.25 0.00	33.63 1.56 0.00	41.54 2.00 0.00	48.24 2.56 0.00	108.89 6.05 0.00	55.30 2.89 0.00	35.94 1.90 0.00	41.55 2.04 0.00	36.54 1.83 0.00	35.39 1.72 0.00	37.74 1.96 0.00	38.70 1.92 0.00	38.54 1.82 0.00	40.31 2.24 0.00	62.85 3.65 0.00	37.71 1.95 0.00	31.33 1.57 0.00	25.87 1.27 0.00	30.24 1.37 0.00	27.04 1.13 0.00
HUDSON___115KV_TB 4 355613	23.59 0.75 0.00	23.64 0.70 0.00	24.26 0.74 0.00	26.89 0.84 0.00	26.68 0.88 0.00	33.12 1.05 0.00	40.88 1.35 0.00	47.51 1.84 0.00	107.13 4.29 0.00	54.51 2.09 0.00	35.34 1.29 0.00	40.90 1.39 0.00	36.00 1.29 0.00	34.81 1.15 0.00	36.96 1.18 0.00	37.94 1.17 0.00	37.92 1.19 0.00	39.59 1.52 0.00	61.44 2.23 0.00	37.04 1.29 0.00	30.87 1.11 0.00	25.49 0.89 0.00	29.98 1.11 0.00	26.84 0.93 0.00
HUNTER MOUNT___DRP 323613	23.77 0.93 0.00	23.82 0.88 0.00	24.44 0.92 0.00	27.09 1.04 0.00	26.88 1.08 0.00	33.37 1.30 0.00	41.22 1.69 0.00	47.94 2.26 0.00	108.13 5.29 0.00	55.05 2.63 0.00	35.68 1.63 0.00	41.29 1.78 0.00	36.36 1.65 0.00	35.14 1.48 0.00	37.28 1.50 0.00	38.26 1.49 0.00	38.28 1.55 0.00	39.99 1.93 0.00	62.02 2.81 0.00	37.38 1.63 0.00	31.13 1.37 0.00	25.71 1.11 0.00	30.19 1.32 0.00	27.02 1.11 0.00
HUNTINGTON_RES_REC 323705	24.36 1.52 0.00	24.47 1.53 0.00	25.09 1.56 0.00	48.47 1.82 -20.59	27.50 1.69 0.00	38.62 1.93 -4.62	101.21 2.91 -58.77	65.79 3.47 -16.64	109.62 6.78 0.00	55.47 3.06 0.00	36.30 2.26 0.00	41.74 2.23 0.00	36.88 2.14 -0.03	37.84 2.21 -1.97	40.64 2.54 -2.32	41.73 2.52 -2.43	38.97 2.25 0.00	40.75 2.68 0.00	63.44 4.23 0.00	37.96 2.21 0.00	37.88 1.98 -6.15	26.15 1.55 0.00	30.62 1.75 0.00	27.38 1.47 0.00
HUNTLEY___63 23557	20.63 -2.21 0.00	20.55 -2.39 0.00	21.03 -2.49 0.00	23.38 -2.67 0.00	23.16 -2.64 0.00	29.01 -3.05 0.00	29.02 -3.90 6.62	32.62 -4.81 8.25	91.59 -11.18 0.08	42.14 -6.08 4.19	30.48 -3.56 0.00	35.45 -4.06 0.00	31.12 -3.58 0.00	30.01 -3.66 0.00	31.96 -3.83 0.00	33.05 -3.72 0.00	33.23 -3.49 0.00	34.96 -3.11 0.00	53.83 -5.37 0.00	32.42 -3.34 0.00	26.81 -2.94 0.00	22.20 -2.40 0.00	26.55 -2.33 0.00	24.15 -1.76 0.00
HUNTLEY___64 23558	20.63 -2.21 0.00	20.55 -2.39 0.00	21.03 -2.49 0.00	23.38 -2.67 0.00	23.16 -2.64 0.00	29.01 -3.05 0.00	29.02 -3.90 6.62	32.62 -4.81 8.25	91.59 -11.18 0.08	42.14 -6.08 4.19	30.48 -3.56 0.00	35.45 -4.06 0.00	31.12 -3.58 0.00	30.01 -3.66 0.00	31.96 -3.83 0.00	33.05 -3.72 0.00	33.23 -3.49 0.00	34.96 -3.11 0.00	53.83 -5.37 0.00	32.42 -3.34 0.00	26.81 -2.94 0.00	22.20 -2.40 0.00	26.55 -2.33 0.00	24.15 -1.76 0.00
HUNTLEY___65 23559	20.63 -2.21 0.00	20.55 -2.39 0.00	21.03 -2.49 0.00	23.38 -2.67 0.00	23.16 -2.64 0.00	29.01 -3.05 0.00	29.02 -3.90 6.62	32.62 -4.81 8.25	91.59 -11.18 0.08	42.14 -6.08 4.19	30.48 -3.56 0.00	35.45 -4.06 0.00	31.12 -3.58 0.00	30.01 -3.66 0.00	31.96 -3.83 0.00	33.05 -3.72 0.00	33.23 -3.49 0.00	34.96 -3.11 0.00	53.83 -5.37 0.00	32.42 -3.34 0.00	26.81 -2.94 0.00	22.20 -2.40 0.00	26.55 -2.33 0.00	24.15 -1.76 0.00
HUNTLEY___66 23560	20.63 -2.21 0.00	20.55 -2.39 0.00	21.03 -2.49 0.00	23.38 -2.67 0.00	23.16 -2.64 0.00	29.01 -3.05 0.00	29.02 -3.90 6.62	32.62 -4.81 8.25	91.59 -11.18 0.08	42.14 -6.08 4.19	30.48 -3.56 0.00	35.45 -4.06 0.00	31.12 -3.58 0.00	30.01 -3.66 0.00	31.96 -3.83 0.00	33.05 -3.72 0.00	33.23 -3.49 0.00	34.96 -3.11 0.00	53.83 -5.37 0.00	32.42 -3.34 0.00	26.81 -2.94 0.00	22.20 -2.40 0.00	26.55 -2.33 0.00	24.15 -1.76 0.00
HUNTLEY___67 23561	20.55 -2.29 0.00	20.48 -2.46 0.00	20.95 -2.58 0.00	23.29 -2.76 0.00	23.07 -2.73 0.00	28.88 -3.19 0.00	28.50 -4.11 6.92	32.06 -4.98 8.63	91.32 -11.44 0.08	41.66 -6.27 4.49	30.36 -3.69 0.00	35.34 -4.17 0.00	30.99 -3.72 0.00	29.89 -3.78 0.00	31.83 -3.96 0.00	32.93 -3.84 0.00	33.13 -3.60 0.00	34.83 -3.24 0.00	53.66 -5.54 0.00	32.31 -3.44 0.00	26.73 -3.03 0.00	22.15 -2.45 0.00	26.48 -2.40 0.00	24.06 -1.85 0.00
HUNTLEY___68 23562	20.55 -2.29 0.00	20.48 -2.46 0.00	20.95 -2.58 0.00	23.29 -2.76 0.00	23.07 -2.73 0.00	28.88 -3.19 0.00	28.50 -4.11 6.92	32.06 -4.98 8.63	91.32 -11.44 0.08	41.66 -6.27 4.49	30.36 -3.69 0.00	35.34 -4.17 0.00	30.99 -3.72 0.00	29.89 -3.78 0.00	31.83 -3.96 0.00	32.93 -3.84 0.00	33.13 -3.60 0.00	34.83 -3.24 0.00	53.66 -5.54 0.00	32.31 -3.44 0.00	26.73 -3.03 0.00	22.15 -2.45 0.00	26.48 -2.40 0.00	24.06 -1.85 0.00



HYLAND___LFGE 323620	22.24 -0.60 0.00	22.14 -0.80 0.00	22.66 -0.87 0.00	25.15 -0.90 0.00	25.02 -0.78 0.00	31.14 -0.92 0.00	27.44 -0.95 11.13	31.04 -0.77 13.87	101.23 -1.48 0.13	49.56 -1.13 1.72	33.54 -0.51 0.00	38.90 -0.61 0.00	34.13 -0.58 0.00	32.94 -0.73 0.00	35.26 -0.53 0.00	36.54 -0.24 0.00	36.82 0.10 0.00	38.66 0.59 0.00	59.78 0.58 0.00	36.03 0.27 0.00	29.74 -0.01 0.00	24.54 -0.06 0.00	29.04 0.17 0.00	26.13 0.22 0.00
INDECK___CORINTH 23802	23.50 0.66 0.00	23.76 0.82 0.00	24.37 0.85 0.00	27.00 0.95 0.00	26.78 0.98 0.00	33.43 1.36 0.00	41.27 1.74 0.00	48.00 2.33 0.00	108.61 5.77 0.00	55.43 3.02 0.00	36.01 1.97 0.00	41.73 2.22 0.00	36.74 2.03 0.00	35.47 1.80 0.00	37.59 1.80 0.00	38.64 1.87 0.00	38.55 1.83 0.00	40.21 2.14 0.00	62.22 3.02 0.00	37.45 1.69 0.00	31.30 1.54 0.00	25.85 1.25 0.00	30.41 1.53 0.00	27.10 1.19 0.00
INDECK___ILION 23567	22.99 0.15 0.00	23.06 0.12 0.00	23.66 0.13 0.00	26.19 0.14 0.00	25.97 0.17 0.00	32.23 0.17 0.00	39.81 0.28 0.00	46.12 0.45 0.00	104.07 1.23 0.00	52.90 0.49 0.00	34.33 0.29 0.00	39.75 0.24 0.00	34.93 0.22 0.00	33.87 0.20 0.00	36.03 0.24 0.00	36.98 0.21 0.00	36.87 0.15 0.00	38.45 0.38 0.00	59.81 0.61 0.00	36.03 0.27 0.00	30.02 0.27 0.00	24.82 0.22 0.00	29.08 0.21 0.00	26.02 0.11 0.00
INDECK___OLEAN 23982	21.73 -1.11 0.00	21.58 -1.35 0.00	22.17 -1.36 0.00	24.63 -1.42 0.00	24.38 -1.43 0.00	30.35 -1.72 0.00	28.13 -2.21 9.20	31.58 -2.54 11.56	97.09 -5.65 0.11	44.19 -3.39 4.83	32.06 -1.98 0.00	37.60 -1.92 0.00	33.02 -1.68 0.00	31.96 -1.71 0.00	34.04 -1.74 0.00	35.17 -1.61 0.00	35.29 -1.43 0.00	36.88 -1.19 0.00	57.27 -1.93 0.00	34.37 -1.38 0.00	28.31 -1.45 0.00	23.50 -1.10 0.00	28.05 -0.82 0.00	25.35 -0.56 0.00
INDECK___OSWEGO 23783	21.93 -0.90 0.00	21.98 -0.96 0.00	22.53 -0.99 0.00	24.89 -1.16 0.00	24.69 -1.11 0.00	30.71 -1.36 0.00	37.86 -1.66 0.00	43.79 -1.88 0.00	98.74 -4.11 0.00	50.23 -2.18 0.00	32.65 -1.39 0.00	37.90 -1.61 0.00	33.31 -1.40 0.00	32.33 -1.33 0.00	34.38 -1.41 0.00	35.36 -1.41 0.00	35.36 -1.36 0.00	36.86 -1.21 0.00	57.26 -1.94 0.00	34.52 -1.24 0.00	28.70 -1.06 0.00	23.74 -0.87 0.00	27.81 -1.06 0.00	24.95 -0.96 0.00
INDECK___YERKES 23781	20.68 -2.16 0.00	20.54 -2.40 0.00	21.06 -2.46 0.00	23.40 -2.64 0.00	23.19 -2.61 0.00	29.05 -3.02 0.00	29.06 -3.86 6.62	32.66 -4.76 8.25	91.67 -11.10 0.08	42.21 -6.01 4.19	30.53 -3.51 0.00	35.51 -4.00 0.00	31.16 -3.55 0.00	30.05 -3.62 0.00	31.99 -3.79 0.00	33.09 -3.69 0.00	33.26 -3.46 0.00	35.02 -3.05 0.00	53.87 -5.33 0.00	32.46 -3.29 0.00	26.83 -2.93 0.00	22.21 -2.39 0.00	26.58 -2.30 0.00	24.17 -1.74 0.00
INDIAN POINT_GT_1 24139	23.84 1.00 0.00	23.91 0.96 0.00	24.54 1.01 0.00	27.18 1.13 0.00	26.96 1.16 0.00	33.49 1.43 0.00	41.38 1.85 0.00	48.01 2.33 0.00	108.15 5.31 0.00	54.89 2.47 0.00	35.62 1.58 0.00	41.22 1.70 0.00	36.24 1.53 0.00	35.13 1.47 0.00	37.44 1.65 0.00	38.41 1.64 0.00	38.28 1.56 0.00	40.05 1.98 0.00	62.39 3.19 0.00	37.46 1.71 0.00	31.15 1.39 0.00	25.71 1.11 0.00	30.08 1.21 0.00	26.93 1.02 0.00
INDIAN POINT_GT_2 23659	23.84 1.00 0.00	23.91 0.96 0.00	24.54 1.01 0.00	27.18 1.13 0.00	26.96 1.16 0.00	33.49 1.43 0.00	41.38 1.85 0.00	48.01 2.33 0.00	108.15 5.31 0.00	54.89 2.47 0.00	35.62 1.58 0.00	41.22 1.70 0.00	36.24 1.53 0.00	35.13 1.47 0.00	37.44 1.65 0.00	38.41 1.64 0.00	38.28 1.56 0.00	40.05 1.98 0.00	62.39 3.19 0.00	37.46 1.71 0.00	31.15 1.39 0.00	25.71 1.11 0.00	30.08 1.21 0.00	26.93 1.02 0.00
INDIAN POINT_GT_3 24019	23.84 1.00 0.00	23.91 0.96 0.00	24.54 1.01 0.00	27.18 1.13 0.00	26.96 1.16 0.00	33.49 1.43 0.00	41.38 1.85 0.00	48.01 2.33 0.00	108.15 5.31 0.00	54.89 2.47 0.00	35.62 1.58 0.00	41.22 1.70 0.00	36.24 1.53 0.00	35.13 1.47 0.00	37.44 1.65 0.00	38.41 1.64 0.00	38.28 1.56 0.00	40.05 1.98 0.00	62.39 3.19 0.00	37.46 1.71 0.00	31.15 1.39 0.00	25.71 1.11 0.00	30.08 1.21 0.00	26.93 1.02 0.00
INDIAN POINT___2 23530	23.80 0.96 0.00	23.88 0.94 0.00	24.52 0.99 0.00	27.15 1.10 0.00	26.93 1.13 0.00	33.46 1.39 0.00	41.34 1.81 0.00	47.96 2.28 0.00	108.00 5.15 0.00	54.81 2.40 0.00	35.57 1.52 0.00	41.14 1.63 0.00	36.17 1.46 0.00	35.08 1.42 0.00	37.38 1.59 0.00	38.36 1.58 0.00	38.24 1.51 0.00	39.99 1.92 0.00	62.32 3.12 0.00	37.41 1.66 0.00	31.10 1.34 0.00	25.68 1.08 0.00	30.04 1.17 0.00	26.90 1.00 0.00
INDIAN POINT___3 23531	23.82 0.97 0.00	23.89 0.95 0.00	24.53 1.00 0.00	27.18 1.12 0.00	26.95 1.14 0.00	33.47 1.40 0.00	41.35 1.82 0.00	47.98 2.30 0.00	108.06 5.21 0.00	54.84 2.43 0.00	35.59 1.55 0.00	41.18 1.66 0.00	36.20 1.49 0.00	35.10 1.43 0.00	37.40 1.62 0.00	38.37 1.60 0.00	38.25 1.53 0.00	40.01 1.94 0.00	62.34 3.14 0.00	37.43 1.67 0.00	31.12 1.36 0.00	25.69 1.09 0.00	30.06 1.19 0.00	26.92 1.01 0.00
INGHAM_C_115KV_TB7 356103	23.05 0.20 0.00	23.09 0.15 0.00	23.71 0.19 0.00	26.25 0.20 0.00	26.05 0.24 0.00	32.27 0.20 0.00	39.91 0.38 0.00	46.44 0.76 0.00	105.15 2.31 0.00	53.34 0.93 0.00	34.57 0.53 0.00	39.95 0.43 0.00	35.06 0.35 0.00	33.94 0.27 0.00	36.10 0.32 0.00	37.02 0.25 0.00	36.81 0.09 0.00	38.54 0.47 0.00	60.01 0.81 0.00	36.06 0.31 0.00	30.11 0.35 0.00	24.89 0.29 0.00	29.14 0.26 0.00	26.01 0.10 0.00
IP CORINTH___1 23988	23.53 0.68 0.00	23.76 0.82 0.00	24.37 0.85 0.00	27.00 0.95 0.00	26.78 0.98 0.00	33.43 1.36 0.00	41.27 1.74 0.00	48.01 2.33 0.00	108.61 5.77 0.00	55.43 3.02 0.00	36.01 1.97 0.00	41.74 2.22 0.00	36.74 2.03 0.00	35.46 1.80 0.00	37.59 1.81 0.00	38.64 1.87 0.00	38.55 1.83 0.00	40.21 2.14 0.00	62.22 3.02 0.00	37.45 1.69 0.00	31.30 1.54 0.00	25.85 1.25 0.00	30.41 1.53 0.00	27.10 1.19 0.00
IP___TICONDEROGA 23804	24.11 1.27 0.00	24.47 1.52 0.00	25.12 1.59 0.00	27.85 1.80 0.00	27.61 1.80 0.00	34.81 2.74 0.00	42.89 3.36 0.00	49.85 4.17 0.00	112.77 9.93 0.00	57.50 5.08 0.00	37.43 3.39 0.00	43.34 3.83 0.00	38.27 3.57 0.00	36.94 3.27 0.00	39.46 3.68 0.00	40.57 3.79 0.00	40.45 3.73 0.00	42.23 4.16 0.00	64.87 5.67 0.00	38.98 3.23 0.00	32.84 3.08 0.00	27.11 2.51 0.00	31.69 2.82 0.00	28.11 2.20 0.00
ISLIP_RES_REC 323679	24.65 1.81 0.00	24.76 1.82 0.00	25.40 1.88 0.00	48.83 2.18 -20.59	27.90 2.09 0.00	39.19 2.50 -4.62	102.09 3.79 -58.77	66.71 4.40 -16.64	111.53 8.69 0.00	56.31 3.90 0.00	36.81 2.77 0.00	42.24 2.72 0.00	37.24 2.51 -0.03	38.30 2.67 -1.97	41.25 3.15 -2.32	42.34 3.13 -2.43	39.59 2.87 0.00	41.44 3.38 0.00	64.55 5.35 0.00	38.54 2.78 0.00	38.40 2.49 -6.15	26.54 1.94 0.00	31.02 2.15 0.00	27.72 1.81 0.00

JAMAICA__27_KV_LOAD 355505	24.12 1.28 0.00	24.19 1.25 0.00	24.80 1.28 0.00	27.50 1.45 0.00	27.30 1.49 0.00	33.86 1.79 0.00	41.85 2.31 0.00	48.59 2.92 0.00	109.84 6.99 0.00	55.71 3.30 0.00	36.25 2.21 0.00	41.88 2.37 0.00	36.80 2.09 0.00	35.64 1.97 0.00	38.03 2.25 0.00	38.99 2.22 0.00	38.86 2.14 0.00	40.64 2.57 0.00	63.40 4.20 0.00	38.04 2.28 0.00	31.61 1.85 0.00	26.09 1.49 0.00	30.52 1.64 0.00	27.28 1.37 0.00
JANIS__SOLAR 323808	23.57 0.73 0.00	23.55 0.60 -0.01	24.11 0.59 0.00	26.68 0.63 0.00	26.50 0.70 0.00	33.12 1.04 0.00	61.72 1.60 -20.58	86.92 3.49 -37.75	110.88 7.69 -0.35	70.89 3.34 -15.13	36.19 2.15 0.00	41.94 2.43 0.00	36.87 2.16 0.00	35.79 2.12 0.00	37.48 1.70 0.00	38.33 1.56 0.00	38.46 1.73 0.00	40.20 2.13 0.00	62.43 3.23 0.00	37.56 1.81 0.00	31.13 1.38 0.00	25.63 1.03 0.00	30.06 1.19 0.00	26.90 0.99 0.00
JARVIS____ 23743	22.86 0.02 0.00	22.94 0.00 0.00	23.53 0.00 0.00	26.05 0.00 0.00	25.83 0.02 0.00	32.07 0.00 0.00	39.55 0.01 0.00	45.68 0.00 0.00	102.91 0.07 0.00	52.40 -0.01 0.00	34.02 -0.03 0.00	39.47 -0.05 0.00	34.68 -0.03 0.00	33.67 0.00 0.00	35.82 0.03 0.00	36.79 0.02 0.00	36.73 0.01 0.00	38.18 0.11 0.00	59.37 0.17 0.00	35.82 0.07 0.00	29.82 0.06 0.00	24.65 0.05 0.00	28.90 0.03 0.00	25.91 0.01 0.00
JENNISON____1 23625	23.76 0.92 0.00	23.77 0.83 0.00	24.36 0.83 0.00	26.96 0.91 0.00	26.77 0.96 0.00	33.41 1.34 0.00	45.32 1.76 -4.02	47.12 1.45 0.00	106.33 3.48 0.00	54.05 1.64 0.00	35.17 1.12 0.00	40.85 1.34 0.00	35.80 1.09 0.00	34.68 1.01 0.00	37.16 1.38 0.00	38.55 1.78 0.00	38.65 1.93 0.00	40.40 2.33 0.00	62.75 3.55 0.00	37.74 1.98 0.00	31.26 1.50 0.00	25.65 1.05 0.00	30.15 1.28 0.00	26.99 1.08 0.00
JENNISON____2 23626	23.76 0.92 0.00	23.77 0.83 0.00	24.36 0.83 0.00	26.96 0.91 0.00	26.77 0.96 0.00	33.41 1.34 0.00	45.32 1.76 -4.02	47.12 1.45 0.00	106.33 3.48 0.00	54.05 1.64 0.00	35.17 1.12 0.00	40.85 1.34 0.00	35.80 1.09 0.00	34.68 1.01 0.00	37.16 1.38 0.00	38.55 1.78 0.00	38.65 1.93 0.00	40.40 2.33 0.00	62.75 3.55 0.00	37.74 1.98 0.00	31.26 1.50 0.00	25.65 1.05 0.00	30.15 1.28 0.00	26.99 1.08 0.00
JERICOHO_RISE_WT_PWR 323719	23.30 0.46 0.00	23.56 0.62 0.00	24.21 0.68 0.00	26.94 0.89 0.00	26.42 0.61 0.00	32.83 0.77 0.00	40.62 1.09 0.00	47.11 1.43 0.00	105.81 2.97 0.00	53.96 1.55 0.00	35.08 1.04 0.00	40.85 1.34 0.00	35.84 1.14 0.00	34.65 0.98 0.00	36.84 1.06 0.00	38.03 1.26 0.00	38.02 1.30 0.00	39.14 1.08 0.00	60.67 1.46 0.00	36.71 0.96 0.00	30.65 0.90 0.00	25.32 0.72 0.00	29.79 0.91 0.00	26.88 0.97 0.00
KATONAH__115KV_46KV_TB4 355592	23.98 1.14 0.00	24.04 1.10 0.00	24.66 1.14 0.00	27.31 1.26 0.00	27.10 1.29 0.00	33.70 1.63 0.00	41.65 2.11 0.00	48.31 2.64 0.00	108.79 5.95 0.00	55.25 2.83 0.00	35.88 1.84 0.00	41.49 1.98 0.00	36.50 1.79 0.00	35.37 1.70 0.00	37.65 1.86 0.00	38.62 1.85 0.00	38.52 1.80 0.00	40.32 2.25 0.00	62.76 3.56 0.00	37.69 1.94 0.00	31.36 1.60 0.00	25.87 1.28 0.00	30.26 1.39 0.00	27.07 1.16 0.00
KCE_NY_1 323755	23.76 0.92 0.00	23.90 0.96 0.00	24.51 0.99 0.00	27.18 1.13 0.00	26.93 1.12 0.00	33.54 1.48 0.00	41.31 1.78 0.00	48.02 2.34 0.00	108.36 5.52 0.00	55.21 2.80 0.00	35.86 1.81 0.00	41.52 2.01 0.00	36.56 1.85 0.00	35.30 1.63 0.00	37.49 1.71 0.00	38.52 1.75 0.00	38.40 1.68 0.00	40.02 1.95 0.00	62.13 2.93 0.00	37.33 1.59 0.00	31.19 1.43 0.00	25.76 1.16 0.00	30.25 1.37 0.00	27.02 1.11 0.00
KCE_NY_6_ESR 323823	20.93 -1.91 0.00	20.77 -2.17 0.00	21.29 -2.23 0.00	23.65 -2.39 0.00	23.44 -2.36 0.00	29.36 -2.71 0.00	28.65 -3.49 7.40	32.27 -4.16 9.25	93.31 -9.44 0.08	42.37 -5.26 4.78	31.01 -3.04 0.00	36.15 -3.36 0.00	31.67 -3.04 0.00	30.58 -3.09 0.00	32.60 -3.18 0.00	33.70 -3.07 0.00	33.91 -2.81 0.00	35.66 -2.41 0.00	55.00 -4.20 0.00	33.14 -2.62 0.00	27.37 -2.39 0.00	22.67 -1.93 0.00	27.08 -1.79 0.00	24.56 -1.35 0.00
KEDC PORT_JEFF_GT2 24210	24.50 1.66 0.00	24.63 1.68 0.00	25.25 1.73 0.00	48.66 2.02 -20.59	27.72 1.92 0.00	38.95 2.26 -4.62	101.75 3.45 -58.77	66.33 4.01 -16.64	110.68 7.83 0.00	55.89 3.48 0.00	36.56 2.52 0.00	41.98 2.47 0.00	37.03 2.29 -0.03	38.07 2.43 -1.97	40.97 2.87 -2.32	42.03 2.82 -2.43	39.17 2.45 0.00	40.99 2.91 0.00	63.83 4.63 0.00	38.15 2.40 0.00	38.18 2.27 -6.15	26.36 1.76 0.00	30.85 1.98 0.00	27.58 1.67 0.00
KEDC PORT_JEFF_GT3 24211	24.50 1.66 0.00	24.63 1.68 0.00	25.25 1.73 0.00	48.66 2.02 -20.59	27.72 1.92 0.00	38.95 2.26 -4.62	101.75 3.45 -58.77	66.33 4.01 -16.64	110.68 7.83 0.00	55.89 3.48 0.00	36.56 2.52 0.00	41.98 2.47 0.00	37.03 2.29 -0.03	38.07 2.43 -1.97	40.97 2.87 -2.32	42.03 2.82 -2.43	39.17 2.45 0.00	40.99 2.91 0.00	63.83 4.63 0.00	38.15 2.40 0.00	38.18 2.27 -6.15	26.36 1.76 0.00	30.85 1.98 0.00	27.58 1.67 0.00
KEDC_GLWD_GT4 24219	24.34 1.49 0.00	24.44 1.50 0.00	25.05 1.53 0.00	48.38 1.74 -20.59	27.53 1.73 0.00	38.77 2.09 -4.62	101.13 2.83 -58.77	65.76 3.45 -16.64	109.80 6.96 0.00	55.82 3.41 0.00	36.43 2.38 0.00	42.06 2.54 0.00	37.14 2.40 -0.03	37.99 2.35 -1.97	40.72 2.62 -2.32	41.80 2.60 -2.43	39.02 2.30 0.00	40.64 2.57 0.00	63.24 4.04 0.00	37.92 2.17 0.00	37.92 2.02 -6.15	26.26 1.66 0.00	30.71 1.84 0.00	27.43 1.52 0.00
KEDC_GLWD_GT5 24220	24.34 1.49 0.00	24.44 1.50 0.00	25.05 1.53 0.00	48.38 1.74 -20.59	27.53 1.73 0.00	38.77 2.09 -4.62	101.13 2.83 -58.77	65.76 3.45 -16.64	109.80 6.96 0.00	55.82 3.41 0.00	36.43 2.38 0.00	42.06 2.54 0.00	37.14 2.40 -0.03	37.99 2.35 -1.97	40.72 2.62 -2.32	41.80 2.60 -2.43	39.02 2.30 0.00	40.64 2.57 0.00	63.24 4.04 0.00	37.92 2.17 0.00	37.92 2.02 -6.15	26.26 1.66 0.00	30.71 1.84 0.00	27.43 1.52 0.00
KENSICO____ 23655	23.89 1.05 0.00	23.97 1.03 0.00	24.60 1.07 0.00	27.25 1.20 0.00	27.03 1.22 0.00	33.57 1.51 0.00	41.48 1.95 0.00	48.14 2.46 0.00	108.39 5.54 0.00	55.04 2.63 0.00	35.74 1.70 0.00	41.34 1.83 0.00	36.36 1.65 0.00	35.24 1.57 0.00	37.55 1.77 0.00	38.52 1.75 0.00	38.39 1.67 0.00	40.16 2.09 0.00	62.54 3.34 0.00	37.55 1.80 0.00	31.23 1.47 0.00	25.78 1.19 0.00	30.16 1.28 0.00	27.00 1.08 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	24.12 1.29 0.00	24.19 1.24 0.00	24.81 1.29 0.00	27.49 1.44 0.00	27.27 1.47 0.00	33.93 1.87 0.00	42.00 2.46 0.00	48.75 3.08 0.00	109.80 6.95 0.00	55.73 3.32 0.00	36.17 2.13 0.00	41.83 2.31 0.00	36.48 1.77 0.00	35.27 1.60 0.00	37.55 1.77 0.00	38.59 1.82 0.00	38.55 1.83 0.00	40.38 2.31 0.00	62.82 3.62 0.00	37.79 2.03 0.00	31.62 1.87 0.00	26.07 1.47 0.00	30.46 1.59 0.00	27.26 1.35 0.00

KIAC_JFK_GT1 23816	24.04 1.19 0.00	24.11 1.17 0.00	24.73 1.21 0.00	27.41 1.36 0.00	27.21 1.41 0.00	33.76 1.69 0.00	41.69 2.16 0.00	48.42 2.75 0.00	109.40 6.56 0.00	55.52 3.11 0.00	36.11 2.07 0.00	41.74 2.22 0.00	36.67 1.96 0.00	35.52 1.85 0.00	37.90 2.12 0.00	38.85 2.08 0.00	38.71 1.99 0.00	40.49 2.42 0.00	63.16 3.96 0.00	37.92 2.16 0.00	31.50 1.74 0.00	26.00 1.41 0.00	30.40 1.53 0.00	27.18 1.28 0.00
KIAC_JFK_GT2 23817	24.04 1.19 0.00	24.11 1.17 0.00	24.73 1.21 0.00	27.41 1.36 0.00	27.21 1.41 0.00	33.76 1.69 0.00	41.69 2.16 0.00	48.42 2.75 0.00	109.40 6.56 0.00	55.52 3.11 0.00	36.11 2.07 0.00	41.74 2.22 0.00	36.67 1.96 0.00	35.52 1.85 0.00	37.90 2.12 0.00	38.85 2.08 0.00	38.71 1.99 0.00	40.49 2.42 0.00	63.16 3.96 0.00	37.92 2.16 0.00	31.50 1.74 0.00	26.00 1.41 0.00	30.40 1.53 0.00	27.18 1.28 0.00
KIAC_JFK____ 323774	24.03 1.19 0.00	24.12 1.18 0.00	24.73 1.21 0.00	27.41 1.36 0.00	27.21 1.41 0.00	33.75 1.69 0.00	41.69 2.16 0.00	48.43 2.75 0.00	109.41 6.57 0.00	55.51 3.10 0.00	36.11 2.07 0.00	41.73 2.22 0.00	36.67 1.96 0.00	35.52 1.85 0.00	37.90 2.12 0.00	38.86 2.08 0.00	38.72 2.00 0.00	40.48 2.42 0.00	63.16 3.96 0.00	37.92 2.16 0.00	31.50 1.74 0.00	26.00 1.41 0.00	30.41 1.53 0.00	27.18 1.27 0.00
KINTIGH____ 23543	20.63 -2.21 0.00	20.60 -2.34 0.00	21.07 -2.45 0.00	23.41 -2.63 0.00	23.20 -2.60 0.00	29.01 -3.06 0.00	30.36 -3.97 5.20	34.45 -4.78 6.44	91.85 -10.93 0.06	43.37 -5.94 3.10	30.51 -3.53 0.00	35.48 -4.04 0.00	31.15 -3.56 0.00	30.05 -3.62 0.00	31.98 -3.81 0.00	33.03 -3.74 0.00	33.20 -3.53 0.00	34.85 -3.22 0.00	53.77 -5.43 0.00	32.37 -3.39 0.00	26.79 -2.97 0.00	22.19 -2.41 0.00	26.43 -2.45 0.00	23.97 -1.93 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	23.69 0.85 0.00	23.99 1.05 0.00	24.61 1.08 0.00	27.35 1.30 0.00	26.80 0.99 0.00	33.24 1.17 0.00	41.13 1.60 0.00	47.92 2.24 0.00	107.56 4.72 0.00	54.86 2.44 0.00	35.65 1.60 0.00	41.43 1.92 0.00	36.36 1.66 0.00	35.16 1.50 0.00	37.42 1.64 0.00	38.59 1.82 0.00	38.58 1.86 0.00	39.80 1.73 0.00	61.66 2.46 0.00	37.30 1.55 0.00	31.15 1.40 0.00	25.73 1.13 0.00	30.21 1.33 0.00	27.28 1.37 0.00
LACHUTE____HYDRO 323717	24.11 1.27 0.00	24.47 1.53 0.00	25.12 1.59 0.00	27.85 1.80 0.00	27.61 1.80 0.00	34.81 2.75 0.00	42.89 3.35 0.00	49.85 4.17 0.00	112.77 9.93 0.00	57.50 5.08 0.00	37.43 3.39 0.00	43.35 3.84 0.00	38.28 3.57 0.00	36.94 3.27 0.00	39.46 3.68 0.00	40.57 3.79 0.00	40.45 3.73 0.00	42.23 4.16 0.00	64.87 5.66 0.00	38.98 3.23 0.00	32.84 3.08 0.00	27.11 2.51 0.00	31.69 2.81 0.00	28.11 2.20 0.00
LAWRNCALV_115KV_TB1 80681	22.85 0.01 0.00	23.17 0.22 0.00	23.77 0.24 0.00	26.36 0.32 0.00	26.04 0.23 0.00	32.48 0.41 0.00	40.22 0.69 0.00	46.62 0.95 0.00	104.98 2.14 0.00	53.95 1.54 0.00	34.89 0.84 0.00	40.74 1.22 0.00	35.59 0.89 0.00	34.56 0.89 0.00	36.47 0.68 0.00	37.48 0.71 0.00	37.18 0.46 0.00	38.03 -0.04 0.00	58.96 -0.24 0.00	35.77 0.02 0.00	29.76 0.00 0.00	24.56 -0.04 0.00	29.04 0.17 0.00	26.22 0.31 0.00
LEDERLE____ 23769	23.88 1.04 0.00	23.96 1.01 0.00	24.60 1.08 0.00	27.26 1.21 0.00	27.04 1.23 0.00	33.59 1.52 0.00	41.52 1.99 0.00	48.22 2.55 0.00	108.59 5.75 0.00	55.12 2.71 0.00	35.75 1.70 0.00	41.35 1.84 0.00	36.34 1.63 0.00	35.26 1.59 0.00	37.56 1.77 0.00	38.52 1.74 0.00	38.41 1.69 0.00	40.19 2.12 0.00	62.63 3.43 0.00	37.62 1.86 0.00	31.24 1.49 0.00	25.78 1.18 0.00	30.17 1.29 0.00	27.02 1.11 0.00
LIGHTHSE_115KV_TB6 355974	21.91 -0.93 0.00	21.98 -0.96 0.00	22.55 -0.97 0.00	24.87 -1.18 0.00	24.69 -1.11 0.00	30.78 -1.28 0.00	37.97 -1.57 0.00	43.96 -1.71 0.00	99.32 -3.52 0.00	50.62 -1.79 0.00	32.84 -1.21 0.00	38.15 -1.37 0.00	33.59 -1.12 0.00	32.58 -1.09 0.00	34.64 -1.14 0.00	35.70 -1.08 0.00	35.76 -0.96 0.00	37.33 -0.74 0.00	57.95 -1.25 0.00	34.95 -0.80 0.00	29.04 -0.72 0.00	23.98 -0.62 0.00	28.09 -0.79 0.00	25.16 -0.74 0.00
LINDEN COGEN____ 23786	23.84 1.00 0.00	23.92 0.98 0.00	24.53 1.00 0.00	27.16 1.11 0.00	26.96 1.16 0.00	33.49 1.43 0.00	41.35 1.82 0.00	48.03 2.36 0.00	108.37 5.53 0.00	55.02 2.61 0.00	35.73 1.68 0.00	39.44 1.79 1.86	35.92 1.61 0.40	35.10 1.52 0.09	37.51 1.73 0.00	38.47 1.70 0.00	38.32 1.60 0.00	40.08 2.01 0.00	62.52 3.32 0.00	37.49 1.74 0.00	31.16 1.40 0.00	25.74 1.14 0.00	30.08 1.21 0.00	26.91 1.00 0.00
LINDHRST_69_KV_BK1 356055	24.52 1.68 0.00	24.60 1.66 0.00	25.23 1.71 0.00	48.61 1.97 -20.59	27.72 1.92 0.00	38.98 2.30 -4.62	101.56 3.26 -58.77	66.25 3.94 -16.64	110.84 8.00 0.00	56.09 3.68 0.00	36.60 2.55 0.00	42.18 2.67 0.00	37.25 2.51 -0.03	38.21 2.57 -1.97	41.01 2.91 -2.32	42.12 2.91 -2.43	39.46 2.74 0.00	41.27 3.20 0.00	64.20 5.00 0.00	38.48 2.73 0.00	38.26 2.36 -6.15	26.44 1.84 0.00	30.93 2.06 0.00	27.63 1.72 0.00
LIPA_MISC_IPP 23656	24.43 1.59 0.00	24.54 1.60 0.00	25.20 1.68 0.00	48.62 1.97 -20.59	27.68 1.87 0.00	38.88 2.19 -4.62	101.78 3.48 -58.77	66.25 3.93 -16.64	110.28 7.43 0.00	55.63 3.22 0.00	36.42 2.37 0.00	41.70 2.18 0.00	36.78 2.04 -0.03	37.83 2.19 -1.97	40.80 2.70 -2.32	41.82 2.62 -2.43	39.06 2.34 0.00	40.87 2.80 0.00	63.63 4.43 0.00	37.97 2.22 0.00	38.03 2.12 -6.15	26.23 1.63 0.00	30.69 1.82 0.00	27.46 1.55 0.00
LISF__SOLAR 323691	24.46 1.62 0.00	24.59 1.65 0.00	25.24 1.71 0.00	48.66 2.01 -20.59	27.71 1.91 0.00	38.93 2.24 -4.62	101.85 3.55 -58.77	66.33 4.02 -16.64	110.46 7.62 0.00	55.69 3.27 0.00	36.45 2.40 0.00	41.71 2.20 0.00	36.79 2.06 -0.03	37.85 2.22 -1.97	40.85 2.75 -2.32	41.89 2.68 -2.43	39.13 2.41 0.00	40.94 2.87 0.00	63.76 4.56 0.00	38.04 2.29 0.00	38.08 2.17 -6.15	26.27 1.67 0.00	30.74 1.87 0.00	27.51 1.60 0.00
LITTLE FALLS____HYD 24013	23.05 0.20 0.00	23.09 0.15 0.00	23.71 0.19 0.00	26.25 0.20 0.00	26.05 0.24 0.00	32.27 0.20 0.00	39.91 0.38 0.00	46.44 0.76 0.00	105.15 2.31 0.00	53.34 0.93 0.00	34.57 0.53 0.00	39.95 0.43 0.00	35.06 0.35 0.00	33.94 0.27 0.00	36.10 0.32 0.00	37.02 0.25 0.00	36.81 0.09 0.00	38.54 0.47 0.00	60.01 0.81 0.00	36.06 0.31 0.00	30.11 0.35 0.00	24.89 0.29 0.00	29.14 0.26 0.00	26.01 0.10 0.00
LITTLRIV_115KV_TB1 356100	23.14 0.30 0.00	23.45 0.50 0.00	24.05 0.53 0.00	26.69 0.64 0.00	26.37 0.57 0.00	32.94 0.87 0.00	40.86 1.32 0.00	47.41 1.73 0.00	106.70 3.85 0.00	54.80 2.39 0.00	35.42 1.37 0.00	41.36 1.84 0.00	36.18 1.47 0.00	35.13 1.47 0.00	37.10 1.31 0.00	38.16 1.38 0.00	37.85 1.13 0.00	38.68 0.61 0.00	59.96 0.76 0.00	36.38 0.63 0.00	30.24 0.48 0.00	24.94 0.34 0.00	29.46 0.59 0.00	26.59 0.68 0.00

LI_NEWBRDGE___DRP 323616	24.13 1.29 0.00	24.22 1.28 0.00	24.85 1.33 0.00	48.16 1.52 -20.59	27.30 1.49 0.00	38.47 1.78 -4.62	100.75 2.45 -58.77	65.30 2.99 -16.64	108.97 6.13 0.00	55.24 2.82 0.00	36.06 2.01 0.00	41.59 2.08 0.00	36.72 1.99 -0.03	37.61 1.97 -1.97	40.32 2.21 -2.32	41.39 2.18 -2.43	38.73 2.01 0.00	40.48 2.41 0.00	62.99 3.79 0.00	37.77 2.02 0.00	37.68 1.77 -6.15	25.98 1.38 0.00	30.41 1.54 0.00	27.19 1.28 0.00
LOCKPORT_115KV_TB60_63_64 80432	20.49 -2.35 0.00	20.42 -2.52 0.00	20.89 -2.63 0.00	23.23 -2.82 0.00	23.01 -2.79 0.00	28.83 -3.24 0.00	29.35 -4.06 6.12	33.08 -4.96 7.63	90.94 -11.83 0.07	42.18 -6.41 3.82	30.24 -3.80 0.00	35.17 -4.34 0.00	30.88 -3.83 0.00	29.77 -3.90 0.00	31.69 -4.09 0.00	32.78 -3.99 0.00	32.97 -3.75 0.00	34.70 -3.37 0.00	53.38 -5.82 0.00	32.16 -3.60 0.00	26.59 -3.17 0.00	22.02 -2.57 0.00	26.34 -2.54 0.00	23.97 -1.94 0.00
LOCKPORT___CC1 323769	20.50 -2.34 0.00	20.35 -2.59 0.00	20.87 -2.65 0.00	23.21 -2.84 0.00	22.99 -2.81 0.00	28.80 -3.27 0.00	29.15 -4.15 6.24	32.85 -5.05 7.77	90.84 -11.93 0.07	42.01 -6.46 3.94	30.22 -3.82 0.00	35.16 -4.36 0.00	30.84 -3.86 0.00	29.73 -3.94 0.00	31.66 -4.12 0.00	32.75 -4.02 0.00	32.95 -3.78 0.00	34.67 -3.40 0.00	53.32 -5.88 0.00	32.13 -3.62 0.00	26.56 -3.20 0.00	22.00 -2.60 0.00	26.32 -2.55 0.00	23.96 -1.94 0.00
LOCKPORT___CC2 323770	20.50 -2.34 0.00	20.35 -2.59 0.00	20.87 -2.65 0.00	23.21 -2.84 0.00	22.99 -2.81 0.00	28.80 -3.27 0.00	29.15 -4.15 6.24	32.85 -5.05 7.77	90.84 -11.93 0.07	42.01 -6.46 3.94	30.22 -3.82 0.00	35.16 -4.36 0.00	30.84 -3.86 0.00	29.73 -3.94 0.00	31.66 -4.12 0.00	32.75 -4.02 0.00	32.95 -3.78 0.00	34.67 -3.40 0.00	53.32 -5.88 0.00	32.13 -3.62 0.00	26.56 -3.20 0.00	22.00 -2.60 0.00	26.32 -2.55 0.00	23.96 -1.94 0.00
LOCKPORT___CC3 323771	20.50 -2.34 0.00	20.35 -2.59 0.00	20.87 -2.65 0.00	23.21 -2.84 0.00	22.99 -2.81 0.00	28.80 -3.27 0.00	29.15 -4.15 6.24	32.85 -5.05 7.77	90.84 -11.93 0.07	42.01 -6.46 3.94	30.22 -3.82 0.00	35.16 -4.36 0.00	30.84 -3.86 0.00	29.73 -3.94 0.00	31.66 -4.12 0.00	32.75 -4.02 0.00	32.95 -3.78 0.00	34.67 -3.40 0.00	53.32 -5.88 0.00	32.13 -3.62 0.00	26.56 -3.20 0.00	22.00 -2.60 0.00	26.32 -2.55 0.00	23.96 -1.94 0.00
LONG_LAKE_PHOENIX 24014	22.03 -0.81 0.00	22.08 -0.86 0.00	22.62 -0.91 0.00	25.00 -1.05 0.00	24.81 -1.00 0.00	30.86 -1.21 0.00	38.05 -1.49 0.00	44.02 -1.65 0.00	99.19 -3.65 0.00	50.46 -1.95 0.00	32.81 -1.23 0.00	38.08 -1.43 0.00	33.48 -1.23 0.00	32.49 -1.18 0.00	34.53 -1.25 0.00	35.54 -1.24 0.00	35.53 -1.19 0.00	37.04 -1.03 0.00	57.50 -1.70 0.00	34.66 -1.09 0.00	28.82 -0.94 0.00	23.82 -0.78 0.00	27.92 -0.95 0.00	25.05 -0.86 0.00
LOVETT___3 23632	23.77 0.94 0.00	23.86 0.92 0.00	24.50 0.97 0.00	27.15 1.10 0.00	26.92 1.12 0.00	33.43 1.37 0.00	41.31 1.78 0.00	47.94 2.26 0.00	107.95 5.11 0.00	54.78 2.37 0.00	35.53 1.49 0.00	41.11 1.59 0.00	36.12 1.41 0.00	35.05 1.38 0.00	37.34 1.56 0.00	38.32 1.55 0.00	38.20 1.48 0.00	39.97 1.90 0.00	62.28 3.08 0.00	37.41 1.65 0.00	31.08 1.32 0.00	25.65 1.05 0.00	30.02 1.14 0.00	26.89 0.98 0.00
LOVETT___4 23642	23.77 0.94 0.00	23.86 0.92 0.00	24.50 0.97 0.00	27.15 1.10 0.00	26.92 1.12 0.00	33.43 1.37 0.00	41.31 1.78 0.00	47.94 2.26 0.00	107.95 5.11 0.00	54.78 2.37 0.00	35.53 1.49 0.00	41.11 1.59 0.00	36.12 1.41 0.00	35.05 1.38 0.00	37.34 1.56 0.00	38.32 1.55 0.00	38.20 1.48 0.00	39.97 1.90 0.00	62.28 3.08 0.00	37.41 1.65 0.00	31.08 1.32 0.00	25.65 1.05 0.00	30.02 1.14 0.00	26.89 0.98 0.00
LOVETT___5 23593	23.77 0.94 0.00	23.86 0.92 0.00	24.50 0.97 0.00	27.15 1.10 0.00	26.92 1.12 0.00	33.43 1.37 0.00	41.31 1.78 0.00	47.94 2.26 0.00	107.95 5.11 0.00	54.78 2.37 0.00	35.53 1.49 0.00	41.11 1.59 0.00	36.12 1.41 0.00	35.05 1.38 0.00	37.34 1.56 0.00	38.32 1.55 0.00	38.20 1.48 0.00	39.97 1.90 0.00	62.28 3.08 0.00	37.41 1.65 0.00	31.08 1.32 0.00	25.65 1.05 0.00	30.02 1.14 0.00	26.89 0.98 0.00
LOWER RAQUET___HYD 24057	22.76 -0.08 0.00	23.08 0.13 0.00	23.68 0.15 0.00	26.25 0.20 0.00	25.93 0.12 0.00	32.36 0.29 0.00	40.17 0.64 0.00	46.61 0.94 0.00	104.96 2.12 0.00	53.93 1.52 0.00	34.87 0.82 0.00	40.72 1.21 0.00	35.60 0.89 0.00	34.56 0.89 0.00	36.45 0.67 0.00	37.46 0.69 0.00	37.11 0.38 0.00	37.92 -0.15 0.00	58.80 -0.40 0.00	35.67 -0.08 0.00	29.67 -0.09 0.00	24.48 -0.12 0.00	28.93 0.05 0.00	26.14 0.24 0.00
LOWER___HUDSON 24059	23.58 0.74 0.00	23.69 0.75 0.00	24.31 0.79 0.00	26.95 0.90 0.00	26.71 0.91 0.00	33.16 1.09 0.00	40.84 1.31 0.00	47.39 1.72 0.00	106.80 3.95 0.00	54.37 1.95 0.00	35.25 1.21 0.00	40.81 1.29 0.00	35.93 1.22 0.00	34.73 1.06 0.00	36.93 1.15 0.00	37.93 1.16 0.00	37.77 1.05 0.00	39.37 1.30 0.00	61.05 1.85 0.00	36.78 1.03 0.00	30.77 1.01 0.00	25.44 0.84 0.00	29.85 0.98 0.00	26.72 0.81 0.00
LOWVILLE_115KV_TB2 356335	22.50 -0.33 0.00	22.64 -0.30 0.00	23.28 -0.25 0.00	25.58 -0.47 0.00	25.36 -0.45 0.00	31.77 -0.30 0.00	39.22 -0.31 0.00	45.46 -0.22 0.00	102.99 0.14 0.00	52.69 0.27 0.00	34.12 0.07 0.00	39.64 0.12 0.00	34.95 0.24 0.00	34.03 0.37 0.00	36.08 0.29 0.00	37.16 0.39 0.00	37.24 0.52 0.00	38.86 0.79 0.00	60.26 1.06 0.00	36.46 0.71 0.00	30.28 0.52 0.00	24.96 0.36 0.00	29.24 0.36 0.00	26.19 0.29 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	23.75 0.91 0.00	23.88 0.94 0.00	24.50 0.98 0.00	27.15 1.10 0.00	26.92 1.12 0.00	33.50 1.44 0.00	41.31 1.78 0.00	47.99 2.32 0.00	108.27 5.42 0.00	55.17 2.75 0.00	35.82 1.78 0.00	41.50 1.99 0.00	36.51 1.80 0.00	35.26 1.59 0.00	37.45 1.67 0.00	38.49 1.72 0.00	38.39 1.66 0.00	40.02 1.95 0.00	62.04 2.84 0.00	37.35 1.60 0.00	31.19 1.43 0.00	25.76 1.16 0.00	30.24 1.36 0.00	27.02 1.11 0.00
LUTHERNY_35_KV_BK2 355980	23.77 0.93 0.00	23.90 0.96 0.00	24.51 0.99 0.00	27.18 1.13 0.00	26.93 1.12 0.00	33.54 1.48 0.00	41.31 1.78 0.00	48.03 2.35 0.00	108.36 5.52 0.00	55.21 2.80 0.00	35.86 1.82 0.00	41.52 2.01 0.00	36.56 1.85 0.00	35.30 1.63 0.00	37.49 1.71 0.00	38.52 1.75 0.00	38.40 1.68 0.00	40.02 1.95 0.00	62.13 2.93 0.00	37.34 1.59 0.00	31.19 1.43 0.00	25.76 1.16 0.00	30.25 1.38 0.00	27.02 1.11 0.00
LWR___OSWEGATCHIE_HYD 23850	22.36 -0.48 0.00	22.59 -0.35 0.00	23.20 -0.32 0.00	25.62 -0.42 0.00	25.36 -0.44 0.00	31.70 -0.37 0.00	39.27 -0.27 0.00	45.55 -0.13 0.00	102.88 0.04 0.00	52.77 0.36 0.00	34.12 0.08 0.00	39.76 0.25 0.00	34.91 0.20 0.00	33.92 0.25 0.00	35.87 0.09 0.00	36.92 0.15 0.00	36.79 0.06 0.00	37.98 -0.09 0.00	58.91 -0.29 0.00	35.67 -0.08 0.00	29.65 -0.11 0.00	24.45 -0.15 0.00	28.76 -0.11 0.00	25.87 -0.04 0.00

LYONS_FALL_HYD 23570	22.81 -0.04 0.00	22.91 -0.03 0.00	23.53 0.00 0.00	25.92 -0.13 0.00	25.70 -0.10 0.00	32.12 0.05 0.00	39.69 0.16 0.00	45.96 0.28 0.00	103.93 1.09 0.00	53.07 0.66 0.00	34.41 0.36 0.00	39.94 0.43 0.00	35.18 0.47 0.00	34.22 0.55 0.00	36.32 0.53 0.00	37.38 0.61 0.00	37.42 0.70 0.00	39.00 0.93 0.00	60.54 1.34 0.00	36.57 0.82 0.00	30.39 0.63 0.00	25.07 0.47 0.00	29.36 0.49 0.00	26.30 0.39 0.00
MADISON___COUNTY_LFGE 323628	23.19 0.35 0.00	23.26 0.32 0.00	23.83 0.31 0.00	26.35 0.30 0.00	26.14 0.33 0.00	32.59 0.53 0.00	40.31 0.78 0.00	46.67 1.00 0.00	105.35 2.51 0.00	53.59 1.18 0.00	34.81 0.77 0.00	40.37 0.86 0.00	35.49 0.78 0.00	34.47 0.81 0.00	36.66 0.88 0.00	37.69 0.92 0.00	37.71 0.99 0.00	39.26 1.20 0.00	60.95 1.75 0.00	36.74 0.99 0.00	30.53 0.77 0.00	25.21 0.61 0.00	29.53 0.66 0.00	26.43 0.52 0.00
MALONE___115KV_TB1 356076	23.47 0.63 0.00	23.74 0.80 0.00	24.37 0.85 0.00	27.11 1.06 0.00	26.62 0.81 0.00	33.17 1.10 0.00	41.14 1.61 0.00	47.73 2.05 0.00	107.28 4.43 0.00	54.80 2.38 0.00	35.58 1.53 0.00	41.47 1.96 0.00	36.35 1.64 0.00	35.17 1.51 0.00	37.31 1.53 0.00	38.49 1.72 0.00	38.43 1.71 0.00	39.52 1.45 0.00	61.23 2.04 0.00	37.07 1.32 0.00	30.91 1.15 0.00	25.50 0.90 0.00	30.00 1.13 0.00	27.06 1.16 0.00
MAPLEWOD_115KV_TB3 80458	23.58 0.74 0.00	23.66 0.72 0.00	24.28 0.76 0.00	26.90 0.85 0.00	26.68 0.87 0.00	33.12 1.05 0.00	40.82 1.29 0.00	47.42 1.74 0.00	106.85 4.01 0.00	54.38 1.97 0.00	35.27 1.22 0.00	40.83 1.32 0.00	35.96 1.25 0.00	34.67 1.00 0.00	36.68 0.90 0.00	37.68 0.91 0.00	37.55 0.83 0.00	39.14 1.07 0.00	60.75 1.55 0.00	36.61 0.85 0.00	30.56 0.80 0.00	25.26 0.66 0.00	29.64 0.77 0.00	26.54 0.63 0.00
MAPLE_RIDGE_WT_1 323574	22.73 -0.11 0.00	22.88 -0.06 0.00	23.45 -0.07 0.00	25.95 -0.10 0.00	25.65 -0.15 0.00	31.94 -0.12 0.00	39.39 -0.14 0.00	45.49 -0.18 0.00	102.43 -0.41 0.00	52.31 -0.10 0.00	33.96 -0.08 0.00	39.52 0.01 0.00	34.77 0.06 0.00	33.74 0.07 0.00	35.76 -0.03 0.00	36.78 0.00 0.00	36.79 0.07 0.00	38.02 -0.05 0.00	59.09 -0.11 0.00	35.77 0.02 0.00	29.79 0.03 0.00	24.62 0.02 0.00	28.95 0.08 0.00	25.99 0.08 0.00
MAPLE_RIDGE_WT_2 323611	22.73 -0.11 0.00	22.88 -0.06 0.00	23.45 -0.07 0.00	25.95 -0.10 0.00	25.65 -0.15 0.00	31.94 -0.12 0.00	39.39 -0.14 0.00	45.49 -0.18 0.00	102.43 -0.41 0.00	52.31 -0.10 0.00	33.96 -0.08 0.00	39.52 0.01 0.00	34.77 0.06 0.00	33.74 0.07 0.00	35.76 -0.03 0.00	36.78 0.00 0.00	36.79 0.07 0.00	38.02 -0.05 0.00	59.09 -0.11 0.00	35.77 0.02 0.00	29.79 0.03 0.00	24.62 0.02 0.00	28.95 0.08 0.00	25.99 0.08 0.00
MARBLE_RIVER_WT_PWR 323696	23.31 0.47 0.00	23.58 0.64 0.00	24.22 0.70 0.00	26.95 0.90 0.00	26.42 0.62 0.00	32.82 0.75 0.00	40.58 1.05 0.00	47.12 1.45 0.00	105.82 2.97 0.00	53.98 1.56 0.00	35.07 1.03 0.00	40.84 1.32 0.00	35.83 1.12 0.00	34.65 0.98 0.00	36.85 1.07 0.00	38.04 1.26 0.00	38.02 1.30 0.00	39.17 1.10 0.00	60.71 1.50 0.00	36.73 0.98 0.00	30.68 0.92 0.00	25.35 0.75 0.00	29.79 0.92 0.00	26.91 1.00 0.00
MARSHVLE_115KV_TB1 80742	24.05 1.21 0.00	24.15 1.21 0.00	24.74 1.21 0.00	27.36 1.31 0.00	27.14 1.34 0.00	33.95 1.89 0.00	42.08 2.55 0.00	48.51 2.84 0.00	108.65 5.80 0.00	55.44 3.03 0.00	36.09 2.05 0.00	41.94 2.43 0.00	36.83 2.12 0.00	35.73 2.06 0.00	37.95 2.17 0.00	39.07 2.30 0.00	39.13 2.41 0.00	40.68 2.61 0.00	63.22 4.02 0.00	38.19 2.44 0.00	31.58 1.83 0.00	26.18 1.58 0.00	30.64 1.77 0.00	27.47 1.56 0.00
MARSH_HILL_WT_PWR 323713	21.06 -1.78 0.00	21.27 -1.67 0.01	21.65 -1.87 0.00	24.06 -1.99 0.00	24.03 -1.78 0.00	29.13 -2.93 0.00	17.52 -3.59 18.42	18.79 -3.74 23.15	95.30 -7.33 0.21	43.26 -3.69 5.46	31.92 -2.13 0.00	37.37 -2.14 0.00	32.87 -1.84 0.00	31.68 -1.99 0.00	34.02 -1.76 0.00	35.38 -1.39 0.00	35.46 -1.26 0.00	37.03 -1.04 0.00	57.52 -1.68 0.00	34.65 -1.10 0.00	28.68 -1.08 0.00	23.78 -0.82 0.00	28.29 -0.58 0.00	25.50 -0.41 0.00
MCINTYRE_115KV_TB2 80467	23.42 0.58 0.00	23.71 0.77 0.00	24.33 0.81 0.00	27.00 0.95 0.00	26.69 0.89 0.00	33.33 1.27 0.00	41.24 1.71 0.00	47.81 2.14 0.00	107.54 4.69 0.00	55.22 2.81 0.00	35.68 1.64 0.00	41.65 2.14 0.00	36.44 1.73 0.00	35.38 1.71 0.00	37.39 1.61 0.00	38.47 1.70 0.00	38.26 1.54 0.00	39.12 1.05 0.00	60.63 1.43 0.00	36.80 1.05 0.00	30.58 0.82 0.00	25.21 0.61 0.00	29.79 0.92 0.00	26.86 0.95 0.00
MECO_____69_KV_BK1 80468	24.93 2.09 0.00	25.00 2.06 0.00	25.59 2.07 0.00	28.31 2.26 0.00	28.11 2.30 0.00	35.22 3.16 0.00	43.86 4.32 0.00	50.87 5.19 0.00	114.15 11.31 0.00	57.98 5.57 0.00	37.74 3.69 0.00	43.72 4.21 0.00	38.38 3.67 0.00	37.11 3.44 0.00	39.48 3.70 0.00	40.80 4.03 0.00	41.00 4.27 0.00	42.88 4.81 0.00	66.57 7.37 0.00	40.12 4.37 0.00	33.17 3.41 0.00	27.34 2.75 0.00	31.95 3.08 0.00	28.53 2.62 0.00
MENANDS___115KV_TB5 355628	23.29 0.45 0.00	23.36 0.41 0.00	23.98 0.46 0.00	26.57 0.52 0.00	26.34 0.53 0.00	32.68 0.61 0.00	40.24 0.71 0.00	46.69 1.02 0.00	105.22 2.38 0.00	53.54 1.13 0.00	34.73 0.69 0.00	40.19 0.68 0.00	35.39 0.68 0.00	34.25 0.58 0.00	36.46 0.68 0.00	37.44 0.66 0.00	37.30 0.57 0.00	38.88 0.81 0.00	60.36 1.16 0.00	36.36 0.61 0.00	30.37 0.61 0.00	25.12 0.52 0.00	29.48 0.61 0.00	26.40 0.49 0.00
MG INDUSTRY___DRP 24185	23.36 0.52 0.00	23.44 0.49 0.00	24.05 0.53 0.00	26.64 0.59 0.00	26.42 0.62 0.00	32.77 0.70 0.00	40.38 0.85 0.00	46.85 1.17 0.00	105.50 2.66 0.00	53.68 1.26 0.00	34.82 0.78 0.00	40.32 0.81 0.00	35.49 0.78 0.00	34.31 0.64 0.00	36.48 0.70 0.00	37.47 0.69 0.00	37.39 0.67 0.00	38.97 0.90 0.00	60.49 1.29 0.00	36.47 0.72 0.00	30.42 0.66 0.00	25.15 0.55 0.00	29.53 0.65 0.00	26.47 0.56 0.00
MID___OSWEGATCHIE_HYD 23849	22.36 -0.48 0.00	22.59 -0.35 0.00	23.20 -0.32 0.00	25.62 -0.42 0.00	25.36 -0.44 0.00	31.70 -0.37 0.00	39.27 -0.27 0.00	45.55 -0.13 0.00	102.88 0.04 0.00	52.77 0.36 0.00	34.12 0.08 0.00	39.76 0.25 0.00	34.91 0.20 0.00	33.92 0.25 0.00	35.87 0.09 0.00	36.92 0.15 0.00	36.79 0.06 0.00	37.98 -0.09 0.00	58.91 -0.29 0.00	35.67 -0.08 0.00	29.65 -0.11 0.00	24.45 -0.15 0.00	28.76 -0.11 0.00	25.87 -0.04 0.00
MID___RAQUETTE_HYD 23851	22.76 -0.08 0.00	23.07 0.13 0.00	23.67 0.15 0.00	26.25 0.20 0.00	25.93 0.12 0.00	32.36 0.29 0.00	40.17 0.63 0.00	46.61 0.94 0.00	104.96 2.12 0.00	53.94 1.53 0.00	34.87 0.82 0.00	40.72 1.21 0.00	35.60 0.89 0.00	34.56 0.89 0.00	36.45 0.67 0.00	37.46 0.69 0.00	37.11 0.38 0.00	37.92 -0.15 0.00	58.80 -0.40 0.00	35.67 -0.08 0.00	29.67 -0.09 0.00	24.48 -0.12 0.00	28.93 0.05 0.00	26.14 0.24 0.00

MILLIKEN___1 23584	22.89 0.05 0.00	22.91 -0.04 -0.01	23.47 -0.05 0.00	25.98 -0.07 0.00	25.74 -0.07 0.00	32.10 0.03 -0.01	61.62 0.15 -21.93	76.68 0.48 -30.52	104.34 1.22 -0.28	65.04 0.38 -12.24	34.35 0.30 0.00	39.87 0.35 0.00	35.02 0.31 0.00	34.00 0.33 0.00	36.05 0.27 0.00	37.06 0.28 0.00	37.08 0.36 0.00	38.72 0.65 0.00	60.23 1.03 0.00	36.27 0.52 0.00	30.09 0.33 0.00	24.84 0.24 0.00	29.11 0.24 0.00	26.09 0.18 0.00
MILLIKEN___2 23585	22.89 0.05 0.00	22.91 -0.04 -0.01	23.47 -0.05 0.00	25.98 -0.07 0.00	25.74 -0.07 0.00	32.10 0.03 -0.01	61.62 0.15 -21.93	76.68 0.48 -30.52	104.34 1.22 -0.28	65.04 0.38 -12.24	34.35 0.30 0.00	39.87 0.35 0.00	35.02 0.31 0.00	34.00 0.33 0.00	36.05 0.27 0.00	37.06 0.28 0.00	37.08 0.36 0.00	38.72 0.65 0.00	60.23 1.03 0.00	36.27 0.52 0.00	30.09 0.33 0.00	24.84 0.24 0.00	29.11 0.24 0.00	26.09 0.18 0.00
MILLIKEN___DIESEL 23629	22.89 0.05 0.00	22.91 -0.04 -0.01	23.47 -0.05 0.00	25.98 -0.07 0.00	25.74 -0.07 0.00	32.10 0.03 -0.01	61.62 0.15 -21.93	76.68 0.48 -30.52	104.34 1.22 -0.28	65.04 0.38 -12.24	34.35 0.30 0.00	39.87 0.35 0.00	35.02 0.31 0.00	34.00 0.33 0.00	36.05 0.27 0.00	37.06 0.28 0.00	37.08 0.36 0.00	38.72 0.65 0.00	60.23 1.03 0.00	36.27 0.52 0.00	30.09 0.33 0.00	24.84 0.24 0.00	29.11 0.24 0.00	26.09 0.18 0.00
MILLSEAT___LFGE 323607	21.02 -1.82 0.00	20.88 -2.06 0.00	21.40 -2.13 0.00	23.78 -2.27 0.00	23.58 -2.23 0.00	29.57 -2.50 0.00	30.65 -3.09 5.79	34.73 -3.74 7.21	93.84 -8.94 0.07	43.99 -4.89 3.53	31.22 -2.82 0.00	36.28 -3.24 0.00	31.84 -2.87 0.00	30.70 -2.97 0.00	32.71 -3.08 0.00	33.81 -2.97 0.00	34.00 -2.72 0.00	35.76 -2.31 0.00	55.01 -4.19 0.00	33.13 -2.63 0.00	27.36 -2.39 0.00	22.63 -1.96 0.00	26.98 -1.90 0.00	24.50 -1.41 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	23.86 1.03 0.00	23.93 0.99 0.00	24.57 1.04 0.00	27.21 1.16 0.00	26.99 1.19 0.00	33.53 1.46 0.00	41.43 1.90 0.00	48.06 2.38 0.00	108.25 5.41 0.00	54.94 2.53 0.00	35.67 1.63 0.00	41.27 1.76 0.00	36.29 1.58 0.00	35.18 1.52 0.00	37.49 1.70 0.00	38.46 1.68 0.00	38.33 1.61 0.00	40.09 2.02 0.00	62.45 3.25 0.00	37.50 1.74 0.00	31.18 1.42 0.00	25.74 1.14 0.00	30.11 1.24 0.00	26.96 1.05 0.00
MILLWOOD_13_KV_LOAD 356217	23.91 1.07 0.00	23.99 1.04 0.00	24.62 1.09 0.00	27.27 1.22 0.00	27.05 1.24 0.00	33.60 1.54 0.00	41.52 1.99 0.00	48.19 2.52 0.00	108.54 5.70 0.00	55.09 2.68 0.00	35.77 1.72 0.00	41.39 1.88 0.00	36.39 1.68 0.00	35.28 1.61 0.00	37.59 1.81 0.00	38.56 1.79 0.00	38.44 1.71 0.00	40.21 2.15 0.00	62.63 3.43 0.00	37.60 1.85 0.00	31.27 1.51 0.00	25.81 1.21 0.00	30.18 1.31 0.00	27.02 1.11 0.00
MODEL_CITY_ENERGY 24167	20.27 -2.57 0.00	20.13 -2.81 0.00	20.64 -2.88 0.00	22.95 -3.10 0.00	22.73 -3.07 0.00	28.47 -3.60 0.00	28.72 -4.52 6.29	32.30 -5.51 7.86	89.53 -13.24 0.07	41.35 -7.09 3.96	29.80 -4.24 0.00	34.66 -4.86 0.00	30.41 -4.30 0.00	29.30 -4.37 0.00	31.19 -4.59 0.00	32.27 -4.51 0.00	32.46 -4.26 0.00	34.18 -3.89 0.00	52.54 -6.67 0.00	31.65 -4.10 0.00	26.17 -3.58 0.00	21.69 -2.91 0.00	25.97 -2.91 0.00	23.67 -2.24 0.00
MODERN_LFGE___ 323580	20.27 -2.57 0.00	20.13 -2.81 0.00	20.64 -2.88 0.00	22.95 -3.10 0.00	22.73 -3.07 0.00	28.47 -3.60 0.00	28.72 -4.52 6.29	32.30 -5.51 7.86	89.53 -13.24 0.07	41.35 -7.09 3.96	29.80 -4.24 0.00	34.66 -4.86 0.00	30.41 -4.30 0.00	29.30 -4.37 0.00	31.19 -4.59 0.00	32.27 -4.51 0.00	32.46 -4.26 0.00	34.18 -3.89 0.00	52.54 -6.67 0.00	31.65 -4.10 0.00	26.17 -3.58 0.00	21.69 -2.91 0.00	25.97 -2.91 0.00	23.67 -2.24 0.00
MOHAWK_PAPER___DRP 24187	23.58 0.74 0.00	23.66 0.72 0.00	24.28 0.76 0.00	26.90 0.85 0.00	26.68 0.87 0.00	33.12 1.05 0.00	40.82 1.29 0.00	47.42 1.74 0.00	106.85 4.01 0.00	54.38 1.97 0.00	35.27 1.22 0.00	40.83 1.32 0.00	35.96 1.25 0.00	34.67 1.00 0.00	36.68 0.90 0.00	37.68 0.91 0.00	37.55 0.83 0.00	39.14 1.07 0.00	60.75 1.55 0.00	36.61 0.85 0.00	30.56 0.80 0.00	25.26 0.66 0.00	29.64 0.77 0.00	26.54 0.63 0.00
MOHICAN___35_KV_115KV_LD 80490	23.68 0.84 0.00	23.90 0.96 0.00	24.53 1.00 0.00	27.17 1.12 0.00	26.95 1.14 0.00	33.65 1.58 0.00	41.54 2.01 0.00	48.29 2.62 0.00	109.18 6.33 0.00	55.70 3.28 0.00	36.17 2.13 0.00	41.91 2.39 0.00	36.92 2.21 0.00	35.65 1.98 0.00	37.83 2.05 0.00	38.88 2.11 0.00	38.80 2.08 0.00	40.45 2.39 0.00	62.60 3.40 0.00	37.66 1.91 0.00	31.51 1.75 0.00	26.01 1.42 0.00	30.56 1.69 0.00	27.24 1.33 0.00
MONGAUP___HYD 23641	23.71 0.87 0.00	23.79 0.84 0.00	24.39 0.87 0.00	27.03 0.98 0.00	26.80 1.00 0.00	33.27 1.21 0.00	40.93 1.40 0.00	47.59 1.91 0.00	107.23 4.39 0.00	54.50 2.09 0.00	35.63 1.58 0.00	41.15 1.64 0.00	36.11 1.40 0.00	34.93 1.27 0.00	37.25 1.47 0.00	38.28 1.50 0.00	38.01 1.29 0.00	39.81 1.74 0.00	61.97 2.77 0.00	37.30 1.54 0.00	31.23 1.47 0.00	25.75 1.15 0.00	30.09 1.22 0.00	26.91 1.00 0.00
MONTAUK___DIESEL 23721	25.15 2.31 0.00	25.26 2.32 0.00	25.94 2.42 0.00	49.46 2.82 -20.59	28.50 2.70 0.00	39.96 3.27 -4.62	103.19 4.89 -58.77	67.87 5.56 -16.64	113.77 10.93 0.00	57.25 4.84 0.00	37.31 3.27 0.00	42.61 3.09 0.00	37.53 2.79 -0.03	38.58 2.94 -1.97	41.72 3.62 -2.32	42.83 3.62 -2.43	40.11 3.39 0.00	41.97 3.90 0.00	65.06 5.86 0.00	38.79 3.04 0.00	38.67 2.76 -6.15	26.77 2.17 0.00	31.30 2.43 0.00	28.11 2.20 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	21.18 -1.66 0.00	21.03 -1.91 0.00	21.51 -2.02 0.00	23.93 -2.12 0.00	23.72 -2.08 0.00	29.79 -2.27 0.00	28.46 -2.81 8.26	32.31 -3.01 10.36	96.46 -6.29 0.09	43.76 -3.77 4.89	32.00 -2.05 0.00	37.34 -2.18 0.00	32.59 -2.12 0.00	31.55 -2.12 0.00	33.76 -2.02 0.00	34.98 -1.79 0.00	35.00 -1.72 0.00	36.84 -1.23 0.00	57.26 -1.94 0.00	34.46 -1.30 0.00	28.44 -1.32 0.00	23.52 -1.08 0.00	28.05 -0.82 0.00	25.32 -0.59 0.00
MORTIMER_115KV_TB3 55949	21.42 -1.42 0.00	21.41 -1.53 0.00	21.90 -1.62 0.00	24.30 -1.75 0.00	24.09 -1.71 0.00	30.12 -1.95 0.00	32.84 -2.47 4.22	37.59 -2.91 5.18	96.21 -6.58 0.05	46.77 -3.62 2.03	31.95 -2.09 0.00	37.11 -2.41 0.00	32.58 -2.13 0.00	31.50 -2.17 0.00	33.51 -2.27 0.00	34.56 -2.22 0.00	34.69 -2.03 0.00	36.34 -1.73 0.00	56.16 -3.04 0.00	33.81 -1.94 0.00	27.99 -1.76 0.00	23.14 -1.46 0.00	27.38 -1.49 0.00	24.71 -1.20 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	23.95 1.11 0.00	24.02 1.07 0.00	24.64 1.11 0.00	27.28 1.23 0.00	27.07 1.27 0.00	33.65 1.58 0.00	41.55 2.02 0.00	48.26 2.58 0.00	108.87 6.03 0.00	55.29 2.88 0.00	35.92 1.88 0.00	41.56 2.04 0.00	36.54 1.83 0.00	35.40 1.73 0.00	37.73 1.95 0.00	38.70 1.92 0.00	38.55 1.83 0.00	40.31 2.24 0.00	62.83 3.63 0.00	37.69 1.94 0.00	31.33 1.57 0.00	25.87 1.28 0.00	30.24 1.37 0.00	27.04 1.14 0.00

MUNSVILLE_WIND_PWR 323609	24.44 1.60 0.00	24.39 1.45 0.00	24.98 1.45 0.00	27.63 1.58 0.00	27.50 1.70 0.00	34.44 2.37 0.00	58.16 3.45 -15.17	90.33 6.90 -37.75	118.24 15.05 -0.35	74.24 6.69 -15.13	38.30 4.26 0.00	44.34 4.82 0.00	39.00 4.30 0.00	37.83 4.16 0.00	39.19 3.41 0.00	39.92 3.15 0.00	40.09 3.37 0.00	41.92 3.86 0.00	65.05 5.85 0.00	39.10 3.35 0.00	32.37 2.61 0.00	26.59 1.99 0.00	31.20 2.32 0.00	27.87 1.96 0.00
N SALMON___HYD 24042	23.47 0.63 0.00	23.74 0.80 0.00	24.37 0.85 0.00	27.10 1.06 0.00	26.62 0.81 0.00	33.16 1.10 0.00	41.14 1.61 0.00	47.73 2.05 0.00	107.27 4.43 0.00	54.80 2.38 0.00	35.58 1.54 0.00	41.47 1.96 0.00	36.35 1.64 0.00	35.17 1.51 0.00	37.31 1.53 0.00	38.49 1.72 0.00	38.43 1.71 0.00	39.51 1.45 0.00	61.23 2.03 0.00	37.07 1.32 0.00	30.91 1.15 0.00	25.50 0.90 0.00	30.00 1.13 0.00	27.06 1.16 0.00
N.AKRON__115KV_KNAPP 355671	20.98 -1.86 0.00	20.91 -2.03 0.00	21.39 -2.13 0.00	23.77 -2.28 0.00	23.57 -2.23 0.00	29.56 -2.51 0.00	30.55 -3.11 5.87	34.60 -3.78 7.30	93.74 -9.03 0.07	43.86 -4.96 3.60	31.17 -2.87 0.00	36.24 -3.28 0.00	31.81 -2.90 0.00	30.67 -2.99 0.00	32.67 -3.11 0.00	33.78 -3.00 0.00	33.97 -2.75 0.00	35.73 -2.34 0.00	54.97 -4.23 0.00	33.09 -2.67 0.00	27.35 -2.41 0.00	22.62 -1.98 0.00	26.97 -1.91 0.00	24.48 -1.42 0.00
N.BELMOR_69_KV_BK1 55787	24.32 1.48 0.00	24.40 1.46 0.00	25.03 1.50 0.00	48.35 1.71 -20.59	27.50 1.69 0.00	38.72 2.04 -4.62	101.01 2.71 -58.77	65.64 3.32 -16.64	109.83 6.99 0.00	55.67 3.26 0.00	36.33 2.29 0.00	41.92 2.41 0.00	37.04 2.31 -0.03	37.92 2.28 -1.97	40.67 2.57 -2.32	41.75 2.54 -2.43	39.09 2.37 0.00	40.82 2.75 0.00	63.56 4.36 0.00	38.14 2.39 0.00	37.99 2.08 -6.15	26.23 1.63 0.00	30.67 1.80 0.00	27.40 1.49 0.00
N.E_GEN_SANDY PD 24062	36.59 0.89 -12.86	37.41 0.87 -13.59	39.00 0.92 -14.56	38.77 1.03 -11.69	37.14 1.05 -10.28	35.27 1.28 -1.92	41.61 1.56 -0.52	47.96 1.93 -0.35	107.66 4.35 -0.47	54.51 2.10 0.00	35.32 1.28 0.00	40.85 1.34 0.00	35.67 1.28 0.31	38.78 1.14 -3.96	43.89 1.29 -6.82	38.04 1.26 0.00	37.86 1.14 0.00	39.54 1.48 0.00	61.36 2.16 0.00	36.94 1.19 0.00	31.31 1.13 -0.42	26.51 0.94 -0.97	29.93 1.06 0.00	26.81 0.90 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	23.82 0.98 0.00	23.89 0.95 0.00	24.54 1.02 0.00	27.19 1.14 0.00	26.96 1.16 0.00	33.49 1.42 0.00	41.39 1.86 0.00	48.04 2.36 0.00	108.16 5.32 0.00	54.90 2.48 0.00	35.60 1.56 0.00	41.19 1.68 0.00	36.20 1.49 0.00	35.12 1.45 0.00	37.41 1.63 0.00	38.39 1.62 0.00	38.28 1.56 0.00	40.05 1.98 0.00	62.41 3.20 0.00	37.48 1.73 0.00	31.14 1.38 0.00	25.70 1.10 0.00	30.07 1.20 0.00	26.94 1.03 0.00
N.QUEENS_27_KV_LOAD 356247	23.97 1.13 0.00	24.14 1.19 0.00	24.68 1.16 0.00	27.34 1.30 0.00	27.13 1.33 0.00	33.68 1.62 0.00	41.57 2.03 0.00	48.26 2.59 0.00	108.97 6.13 0.00	55.35 2.94 0.00	36.00 1.95 0.00	41.64 2.12 0.00	36.61 1.90 0.00	35.45 1.78 0.00	37.79 2.01 0.00	38.71 1.94 0.00	38.51 1.78 0.00	40.32 2.25 0.00	62.96 3.76 0.00	37.75 2.00 0.00	31.40 1.64 0.00	25.98 1.38 0.00	30.32 1.45 0.00	27.13 1.23 0.00
N.TROY___115KV_TB1 355778	23.58 0.74 0.00	23.69 0.75 0.00	24.31 0.79 0.00	26.95 0.90 0.00	26.72 0.91 0.00	33.16 1.09 0.00	40.84 1.31 0.00	47.40 1.72 0.00	106.80 3.96 0.00	54.37 1.95 0.00	35.26 1.21 0.00	40.81 1.29 0.00	35.94 1.22 0.00	34.72 1.05 0.00	36.93 1.15 0.00	37.93 1.16 0.00	37.77 1.05 0.00	39.37 1.30 0.00	61.05 1.85 0.00	36.78 1.03 0.00	30.76 1.01 0.00	25.44 0.84 0.00	29.85 0.98 0.00	26.72 0.81 0.00
NARROWS_GT1_1 24228	24.05 1.21 0.00	24.13 1.19 0.00	24.72 1.20 0.00	27.36 1.32 0.00	27.17 1.37 0.00	33.78 1.72 0.00	41.73 2.20 0.00	56.80 2.77 -8.36	109.39 6.54 -0.01	55.56 3.15 0.00	36.08 2.04 0.00	176.49 2.29 -134.69	46.41 2.01 -9.70	81.48 1.90 -45.91	262.67 2.16 -224.73	38.90 2.12 0.00	38.74 2.02 0.00	40.50 2.43 0.00	63.21 4.01 -0.01	52.52 2.15 -14.62	54.67 1.74 -23.17	104.54 1.43 -78.51	53.35 1.51 -22.97	27.20 1.28 -0.01
NARROWS_GT1_2 24229	24.05 1.21 0.00	24.13 1.19 0.00	24.72 1.20 0.00	27.36 1.32 0.00	27.17 1.37 0.00	33.78 1.72 0.00	41.73 2.20 0.00	56.80 2.77 -8.36	109.39 6.54 -0.01	55.56 3.15 0.00	36.08 2.04 0.00	176.49 2.29 -134.69	46.41 2.01 -9.70	81.48 1.90 -45.91	262.67 2.16 -224.73	38.90 2.12 0.00	38.74 2.02 0.00	40.50 2.43 0.00	63.21 4.01 -0.01	52.52 2.15 -14.62	54.67 1.74 -23.17	104.54 1.43 -78.51	53.35 1.51 -22.97	27.20 1.28 -0.01
NARROWS_GT1_3 24230	24.05 1.21 0.00	24.13 1.19 0.00	24.72 1.20 0.00	27.36 1.32 0.00	27.17 1.37 0.00	33.78 1.72 0.00	41.73 2.20 0.00	56.80 2.77 -8.36	109.39 6.54 -0.01	55.56 3.15 0.00	36.08 2.04 0.00	176.49 2.29 -134.69	46.41 2.01 -9.70	81.48 1.90 -45.91	262.67 2.16 -224.73	38.90 2.12 0.00	38.74 2.02 0.00	40.50 2.43 0.00	63.21 4.01 -0.01	52.52 2.15 -14.62	54.67 1.74 -23.17	104.54 1.43 -78.51	53.35 1.51 -22.97	27.20 1.28 -0.01
NARROWS_GT1_4 24231	24.05 1.21 0.00	24.13 1.19 0.00	24.72 1.20 0.00	27.36 1.32 0.00	27.17 1.37 0.00	33.78 1.72 0.00	41.73 2.20 0.00	56.80 2.77 -8.36	109.39 6.54 -0.01	55.56 3.15 0.00	36.08 2.04 0.00	176.49 2.29 -134.69	46.41 2.01 -9.70	81.48 1.90 -45.91	262.67 2.16 -224.73	38.90 2.12 0.00	38.74 2.02 0.00	40.50 2.43 0.00	63.21 4.01 -0.01	52.52 2.15 -14.62	54.67 1.74 -23.17	104.54 1.43 -78.51	53.35 1.51 -22.97	27.20 1.28 -0.01
NARROWS_GT1_5 24232	24.05 1.21 0.00	24.13 1.19 0.00	24.72 1.20 0.00	27.36 1.32 0.00	27.17 1.37 0.00	33.78 1.72 0.00	41.73 2.20 0.00	56.80 2.77 -8.36	109.39 6.54 -0.01	55.56 3.15 0.00	36.08 2.04 0.00	176.49 2.29 -134.69	46.41 2.01 -9.70	81.48 1.90 -45.91	262.67 2.16 -224.73	38.90 2.12 0.00	38.74 2.02 0.00	40.50 2.43 0.00	63.21 4.01 -0.01	52.52 2.15 -14.62	54.67 1.74 -23.17	104.54 1.43 -78.51	53.35 1.51 -22.97	27.20 1.28 -0.01
NARROWS_GT1_6 24233	24.05 1.21 0.00	24.13 1.19 0.00	24.72 1.20 0.00	27.36 1.32 0.00	27.17 1.37 0.00	33.78 1.72 0.00	41.73 2.20 0.00	56.80 2.77 -8.36	109.39 6.54 -0.01	55.56 3.15 0.00	36.08 2.04 0.00	176.49 2.29 -134.69	46.41 2.01 -9.70	81.48 1.90 -45.91	262.67 2.16 -224.73	38.90 2.12 0.00	38.74 2.02 0.00	40.50 2.43 0.00	63.21 4.01 -0.01	52.52 2.15 -14.62	54.67 1.74 -23.17	104.54 1.43 -78.51	53.35 1.51 -22.97	27.20 1.28 -0.01
NARROWS_GT1_7 24234	24.05 1.21 0.00	24.13 1.19 0.00	24.72 1.20 0.00	27.36 1.32 0.00	27.17 1.37 0.00	33.78 1.72 0.00	41.73 2.20 0.00	56.80 2.77 -8.36	109.39 6.54 -0.01	55.56 3.15 0.00	36.08 2.04 0.00	176.49 2.29 -134.69	46.41 2.01 -9.70	81.48 1.90 -45.91	262.67 2.16 -224.73	38.90 2.12 0.00	38.74 2.02 0.00	40.50 2.43 0.00	63.21 4.01 -0.01	52.52 2.15 -14.62	54.67 1.74 -23.17	104.54 1.43 -78.51	53.35 1.51 -22.97	27.20 1.28 -0.01

NARROWS_GT1_8 24235	24.05 1.21 0.00	24.13 1.19 0.00	24.72 1.20 0.00	27.36 1.32 0.00	27.17 1.37 0.00	33.78 1.72 0.00	41.73 2.20 0.00	56.80 2.77 -8.36	109.39 6.54 -0.01	55.56 3.15 0.00	36.08 2.04 0.00	176.49 2.29 -134.69	46.41 2.01 -9.70	81.48 1.90 -45.91	262.67 2.16 -224.73	38.90 2.12 0.00	38.74 2.02 0.00	40.50 2.43 0.00	63.21 4.01 -0.01	52.52 2.15 -14.62	54.67 1.74 -23.17	104.54 1.43 -78.51	53.35 1.51 -22.97	27.20 1.28 -0.01
NARROWS_GT2_1 24236	24.05 1.21 0.00	24.13 1.19 0.00	24.72 1.20 0.00	27.36 1.32 0.00	27.17 1.37 0.00	33.78 1.72 0.00	41.73 2.20 0.00	56.80 2.77 -8.36	109.39 6.54 -0.01	55.56 3.15 0.00	36.08 2.04 0.00	176.49 2.29 -134.69	46.41 2.01 -9.70	81.48 1.90 -45.91	262.67 2.16 -224.73	38.90 2.12 0.00	38.74 2.02 0.00	40.50 2.43 0.00	63.21 4.01 -0.01	52.52 2.15 -14.62	54.67 1.74 -23.17	104.54 1.43 -78.51	53.35 1.51 -22.97	27.20 1.28 -0.01
NARROWS_GT2_2 24237	24.05 1.21 0.00	24.13 1.19 0.00	24.72 1.20 0.00	27.36 1.32 0.00	27.17 1.37 0.00	33.78 1.72 0.00	41.73 2.20 0.00	56.80 2.77 -8.36	109.39 6.54 -0.01	55.56 3.15 0.00	36.08 2.04 0.00	176.49 2.29 -134.69	46.41 2.01 -9.70	81.48 1.90 -45.91	262.67 2.16 -224.73	38.90 2.12 0.00	38.74 2.02 0.00	40.50 2.43 0.00	63.21 4.01 -0.01	52.52 2.15 -14.62	54.67 1.74 -23.17	104.54 1.43 -78.51	53.35 1.51 -22.97	27.20 1.28 -0.01
NARROWS_GT2_3 24238	24.05 1.21 0.00	24.13 1.19 0.00	24.72 1.20 0.00	27.36 1.32 0.00	27.17 1.37 0.00	33.78 1.72 0.00	41.73 2.20 0.00	56.80 2.77 -8.36	109.39 6.54 -0.01	55.56 3.15 0.00	36.08 2.04 0.00	176.49 2.29 -134.69	46.41 2.01 -9.70	81.48 1.90 -45.91	262.67 2.16 -224.73	38.90 2.12 0.00	38.74 2.02 0.00	40.50 2.43 0.00	63.21 4.01 -0.01	52.52 2.15 -14.62	54.67 1.74 -23.17	104.54 1.43 -78.51	53.35 1.51 -22.97	27.20 1.28 -0.01
NARROWS_GT2_4 24239	24.05 1.21 0.00	24.13 1.19 0.00	24.72 1.20 0.00	27.36 1.32 0.00	27.17 1.37 0.00	33.78 1.72 0.00	41.73 2.20 0.00	56.80 2.77 -8.36	109.39 6.54 -0.01	55.56 3.15 0.00	36.08 2.04 0.00	176.49 2.29 -134.69	46.41 2.01 -9.70	81.48 1.90 -45.91	262.67 2.16 -224.73	38.90 2.12 0.00	38.74 2.02 0.00	40.50 2.43 0.00	63.21 4.01 -0.01	52.52 2.15 -14.62	54.67 1.74 -23.17	104.54 1.43 -78.51	53.35 1.51 -22.97	27.20 1.28 -0.01
NARROWS_GT2_5 24240	24.05 1.21 0.00	24.13 1.19 0.00	24.72 1.20 0.00	27.36 1.32 0.00	27.17 1.37 0.00	33.78 1.72 0.00	41.73 2.20 0.00	56.80 2.77 -8.36	109.39 6.54 -0.01	55.56 3.15 0.00	36.08 2.04 0.00	176.49 2.29 -134.69	46.41 2.01 -9.70	81.48 1.90 -45.91	262.67 2.16 -224.73	38.90 2.12 0.00	38.74 2.02 0.00	40.50 2.43 0.00	63.21 4.01 -0.01	52.52 2.15 -14.62	54.67 1.74 -23.17	104.54 1.43 -78.51	53.35 1.51 -22.97	27.20 1.28 -0.01
NARROWS_GT2_6 24241	24.05 1.21 0.00	24.13 1.19 0.00	24.72 1.20 0.00	27.36 1.32 0.00	27.17 1.37 0.00	33.78 1.72 0.00	41.73 2.20 0.00	56.80 2.77 -8.36	109.39 6.54 -0.01	55.56 3.15 0.00	36.08 2.04 0.00	176.49 2.29 -134.69	46.41 2.01 -9.70	81.48 1.90 -45.91	262.67 2.16 -224.73	38.90 2.12 0.00	38.74 2.02 0.00	40.50 2.43 0.00	63.21 4.01 -0.01	52.52 2.15 -14.62	54.67 1.74 -23.17	104.54 1.43 -78.51	53.35 1.51 -22.97	27.20 1.28 -0.01
NARROWS_GT2_7 24242	24.05 1.21 0.00	24.13 1.19 0.00	24.72 1.20 0.00	27.36 1.32 0.00	27.17 1.37 0.00	33.78 1.72 0.00	41.73 2.20 0.00	56.80 2.77 -8.36	109.39 6.54 -0.01	55.56 3.15 0.00	36.08 2.04 0.00	176.49 2.29 -134.69	46.41 2.01 -9.70	81.48 1.90 -45.91	262.67 2.16 -224.73	38.90 2.12 0.00	38.74 2.02 0.00	40.50 2.43 0.00	63.21 4.01 -0.01	52.52 2.15 -14.62	54.67 1.74 -23.17	104.54 1.43 -78.51	53.35 1.51 -22.97	27.20 1.28 -0.01
NARROWS_GT2_8 24243	24.05 1.21 0.00	24.13 1.19 0.00	24.72 1.20 0.00	27.36 1.32 0.00	27.17 1.37 0.00	33.78 1.72 0.00	41.73 2.20 0.00	56.80 2.77 -8.36	109.39 6.54 -0.01	55.56 3.15 0.00	36.08 2.04 0.00	176.49 2.29 -134.69	46.41 2.01 -9.70	81.48 1.90 -45.91	262.67 2.16 -224.73	38.90 2.12 0.00	38.74 2.02 0.00	40.50 2.43 0.00	63.21 4.01 -0.01	52.52 2.15 -14.62	54.67 1.74 -23.17	104.54 1.43 -78.51	53.35 1.51 -22.97	27.20 1.28 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	23.77 0.93 0.00	23.82 0.88 0.00	24.44 0.92 0.00	27.09 1.04 0.00	26.88 1.08 0.00	33.37 1.30 0.00	41.22 1.69 0.00	47.94 2.26 0.00	108.13 5.29 0.00	55.05 2.63 0.00	35.68 1.63 0.00	41.29 1.78 0.00	36.36 1.65 0.00	35.14 1.48 0.00	37.28 1.50 0.00	38.26 1.49 0.00	38.28 1.55 0.00	39.99 1.93 0.00	62.02 2.81 0.00	37.38 1.63 0.00	31.13 1.37 0.00	25.71 1.11 0.00	30.19 1.32 0.00	27.02 1.11 0.00
NCHELSEA_115KV_TR2 355582	24.03 1.19 0.00	24.10 1.16 0.00	24.72 1.19 0.00	27.38 1.33 0.00	27.16 1.36 0.00	33.78 1.72 0.00	41.75 2.22 0.00	48.45 2.77 0.00	109.10 6.26 0.00	55.41 3.00 0.00	35.97 1.92 0.00	41.62 2.10 0.00	36.58 1.87 0.00	35.44 1.78 0.00	37.72 1.94 0.00	38.71 1.94 0.00	38.62 1.90 0.00	40.42 2.36 0.00	62.89 3.69 0.00	37.80 2.05 0.00	31.44 1.68 0.00	25.94 1.33 0.00	30.34 1.47 0.00	27.15 1.24 0.00
NEG CAPITAL___MECHNVIL 23645	23.75 0.91 0.00	23.88 0.94 0.00	24.49 0.97 0.00	27.14 1.09 0.00	26.91 1.11 0.00	33.49 1.42 0.00	41.31 1.78 0.00	47.99 2.31 0.00	108.35 5.50 0.00	55.23 2.82 0.00	35.88 1.83 0.00	41.54 2.03 0.00	36.56 1.85 0.00	35.30 1.64 0.00	37.45 1.67 0.00	38.49 1.72 0.00	38.38 1.66 0.00	40.03 1.96 0.00	62.09 2.89 0.00	37.37 1.62 0.00	31.21 1.45 0.00	25.77 1.17 0.00	30.24 1.36 0.00	27.02 1.11 0.00
NEG CENTRAL_HIGH_ACRES 23767	21.27 -1.57 0.00	21.23 -1.71 0.00	21.76 -1.76 0.00	24.13 -1.92 0.00	23.93 -1.87 0.00	29.89 -2.17 0.00	33.74 -2.70 3.10	38.87 -3.12 3.69	95.84 -6.97 0.03	47.18 -3.79 1.45	31.81 -2.24 0.00	36.90 -2.61 0.00	32.40 -2.31 0.00	31.35 -2.32 0.00	33.36 -2.43 0.00	34.38 -2.40 0.00	34.47 -2.25 0.00	36.07 -1.99 0.00	55.83 -3.38 0.00	33.60 -2.16 0.00	27.83 -1.93 0.00	23.01 -1.59 0.00	27.14 -1.73 0.00	24.45 -1.46 0.00
NEG CENTRAL___DRP 24199	22.26 -0.58 0.00	22.25 -0.69 0.00	22.79 -0.73 0.00	25.24 -0.81 0.00	25.02 -0.78 0.00	31.16 -0.91 0.00	33.43 -1.07 5.03	38.53 -1.08 6.07	100.52 -2.26 0.06	48.95 -1.42 2.05	33.28 -0.76 0.00	38.62 -0.89 0.00	33.95 -0.76 0.00	32.95 -0.72 0.00	34.99 -0.79 0.00	36.03 -0.75 0.00	36.08 -0.64 0.00	37.71 -0.36 0.00	58.59 -0.62 0.00	35.27 -0.49 0.00	29.28 -0.48 0.00	24.19 -0.41 0.00	28.42 -0.45 0.00	25.50 -0.40 0.00
NEG CENTRAL___INDECK 23768	21.95 -0.88 0.00	21.88 -1.06 0.00	22.38 -1.14 0.00	24.85 -1.20 0.00	24.71 -1.09 0.00	30.73 -1.33 0.00	26.83 -1.53 11.16	30.23 -1.53 13.92	99.61 -3.11 0.13	48.80 -1.90 1.72	33.08 -0.97 0.00	38.44 -1.07 0.00	33.75 -0.96 0.00	32.58 -1.09 0.00	34.84 -0.95 0.00	36.06 -0.71 0.00	36.28 -0.45 0.00	38.03 -0.04 0.00	58.78 -0.42 0.00	35.42 -0.34 0.00	29.26 -0.50 0.00	24.16 -0.44 0.00	28.62 -0.25 0.00	25.77 -0.14 0.00



NEG CENTRAL___SENECA 23627	22.16 -0.68 0.00	22.13 -0.80 0.00	22.67 -0.86 0.00	25.12 -0.93 0.00	24.92 -0.88 0.00	30.99 -1.07 0.00	28.86 -1.26 9.41	32.78 -1.20 11.70	100.22 -2.52 0.11	46.76 -1.60 4.05	33.24 -0.81 0.00	38.56 -0.96 0.00	33.91 -0.80 0.00	32.91 -0.75 0.00	34.92 -0.86 0.00	35.98 -0.79 0.00	36.06 -0.66 0.00	37.73 -0.34 0.00	58.55 -0.65 0.00	35.23 -0.53 0.00	29.25 -0.51 0.00	24.15 -0.45 0.00	28.45 -0.43 0.00	25.54 -0.37 0.00
NEG CENTRAL___STATE_STREET 24147	22.56 -0.28 0.00	22.55 -0.39 0.00	23.13 -0.39 0.00	25.61 -0.44 0.00	25.30 -0.51 0.00	31.60 -0.46 0.00	41.47 -0.52 -2.46	48.84 -0.64 -3.81	101.53 -1.35 -0.04	53.03 -0.87 -1.49	33.55 -0.50 0.00	38.94 -0.57 0.00	34.22 -0.49 0.00	33.21 -0.46 0.00	35.29 -0.50 0.00	36.30 -0.48 0.00	36.31 -0.42 0.00	37.90 -0.16 0.00	59.09 -0.11 0.00	35.60 -0.15 0.00	29.53 -0.23 0.00	24.42 -0.17 0.00	28.56 -0.31 0.00	25.61 -0.30 0.00
NEG MILLWOOD___DRP 24198	24.10 1.26 0.00	24.16 1.22 0.00	24.78 1.26 0.00	27.44 1.39 0.00	27.23 1.42 0.00	33.88 1.82 0.00	41.90 2.36 0.00	48.60 2.93 0.00	109.42 6.57 0.00	55.56 3.15 0.00	36.09 2.04 0.00	41.74 2.23 0.00	36.70 1.99 0.00	35.57 1.90 0.00	37.84 2.06 0.00	38.83 2.06 0.00	38.75 2.02 0.00	40.57 2.50 0.00	63.13 3.93 0.00	37.93 2.18 0.00	31.54 1.79 0.00	26.02 1.42 0.00	30.42 1.55 0.00	27.22 1.31 0.00
NEG NORTH_FLCN_SEA 23793	23.64 0.80 0.00	23.95 1.01 0.00	24.57 1.04 0.00	27.30 1.25 0.00	26.73 0.92 0.00	33.05 0.99 0.00	40.83 1.30 0.00	47.64 1.96 0.00	106.96 4.12 0.00	54.58 2.17 0.00	35.48 1.44 0.00	41.20 1.69 0.00	36.19 1.48 0.00	35.00 1.33 0.00	37.25 1.47 0.00	38.41 1.63 0.00	38.37 1.65 0.00	39.56 1.49 0.00	61.30 2.09 0.00	37.08 1.32 0.00	31.00 1.25 0.00	25.62 1.02 0.00	30.08 1.21 0.00	27.24 1.33 0.00
NEG NORTH_KES_CHATEGAY 23792	23.38 0.54 0.00	23.65 0.71 0.00	24.29 0.77 0.00	27.03 0.98 0.00	26.51 0.71 0.00	32.96 0.89 0.00	40.78 1.25 0.00	47.30 1.62 0.00	106.23 3.38 0.00	54.17 1.76 0.00	35.22 1.18 0.00	41.00 1.49 0.00	35.97 1.26 0.00	34.77 1.10 0.00	36.96 1.18 0.00	38.17 1.40 0.00	38.17 1.45 0.00	39.30 1.23 0.00	60.91 1.71 0.00	36.87 1.11 0.00	30.79 1.03 0.00	25.41 0.81 0.00	29.88 1.01 0.00	26.97 1.06 0.00
NEG NORTH___ALICE_FALLS 23915	23.69 0.85 0.00	23.99 1.05 0.00	24.61 1.08 0.00	27.35 1.30 0.00	26.80 0.99 0.00	33.24 1.17 0.00	41.13 1.60 0.00	47.92 2.24 0.00	107.56 4.72 0.00	54.86 2.44 0.00	35.65 1.60 0.00	41.43 1.92 0.00	36.36 1.66 0.00	35.16 1.50 0.00	37.42 1.64 0.00	38.59 1.82 0.00	38.58 1.86 0.00	39.80 1.73 0.00	61.66 2.46 0.00	37.30 1.55 0.00	31.15 1.40 0.00	25.73 1.13 0.00	30.21 1.33 0.00	27.28 1.37 0.00
NEG NORTH___LWR_SARANAC 23913	23.69 0.85 0.00	23.99 1.05 0.00	24.61 1.08 0.00	27.35 1.30 0.00	26.80 0.99 0.00	33.24 1.17 0.00	41.13 1.60 0.00	47.92 2.24 0.00	107.56 4.72 0.00	54.86 2.44 0.00	35.65 1.60 0.00	41.43 1.92 0.00	36.36 1.66 0.00	35.16 1.50 0.00	37.42 1.64 0.00	38.59 1.82 0.00	38.58 1.86 0.00	39.80 1.73 0.00	61.66 2.46 0.00	37.30 1.55 0.00	31.15 1.40 0.00	25.73 1.13 0.00	30.21 1.33 0.00	27.28 1.37 0.00
NEG NORTH___PLATTSBURG 23628	23.69 0.85 0.00	23.99 1.05 0.00	24.61 1.08 0.00	27.35 1.30 0.00	26.80 0.99 0.00	33.23 1.16 0.00	41.13 1.60 0.00	47.92 2.24 0.00	107.56 4.71 0.00	54.85 2.43 0.00	35.65 1.60 0.00	41.43 1.92 0.00	36.36 1.66 0.00	35.16 1.50 0.00	37.42 1.64 0.00	38.59 1.82 0.00	38.58 1.86 0.00	39.80 1.73 0.00	61.66 2.46 0.00	37.30 1.55 0.00	31.15 1.40 0.00	25.73 1.13 0.00	30.21 1.34 0.00	27.28 1.37 0.00
NEG WEST_LEA_LOCKPORT 23791	20.47 -2.37 0.00	20.40 -2.54 0.00	20.87 -2.66 0.00	23.20 -2.84 0.00	22.99 -2.81 0.00	28.79 -3.27 0.00	29.16 -4.14 6.24	32.85 -5.05 7.77	90.84 -11.93 0.07	42.00 -6.48 3.94	30.21 -3.84 0.00	35.14 -4.37 0.00	30.85 -3.86 0.00	29.73 -3.93 0.00	31.66 -4.12 0.00	32.75 -4.02 0.00	32.94 -3.78 0.00	34.66 -3.40 0.00	53.36 -5.84 0.00	32.13 -3.62 0.00	26.57 -3.18 0.00	22.01 -2.59 0.00	26.32 -2.55 0.00	23.97 -1.94 0.00
NEG WEST___LANCASTER 23811	21.51 -1.33 0.00	21.43 -1.51 0.00	21.93 -1.59 0.00	24.38 -1.67 0.00	24.14 -1.67 0.00	30.17 -1.90 0.00	29.40 -2.40 7.73	33.08 -2.90 9.70	96.08 -6.67 0.09	43.83 -3.85 4.72	31.83 -2.21 0.00	37.16 -2.35 0.00	32.58 -2.13 0.00	31.49 -2.18 0.00	33.53 -2.25 0.00	34.66 -2.11 0.00	34.84 -1.88 0.00	36.55 -1.52 0.00	56.45 -2.75 0.00	33.95 -1.80 0.00	28.05 -1.70 0.00	23.25 -1.35 0.00	27.74 -1.13 0.00	25.11 -0.80 0.00
NEG_PENN_ALLEGHNY 23528	22.58 -0.27 0.00	22.59 -0.35 0.00	23.16 -0.36 0.00	25.63 -0.42 0.00	25.41 -0.40 0.00	31.61 -0.45 0.00	38.67 -0.56 0.30	43.18 -0.53 1.97	102.01 -0.81 0.02	50.90 -0.74 0.78	33.62 -0.42 0.00	39.12 -0.40 0.00	34.33 -0.38 0.00	33.35 -0.32 0.00	35.45 -0.33 0.00	36.49 -0.28 0.00	36.50 -0.22 0.00	38.09 0.02 0.00	59.20 0.00 0.00	35.60 -0.15 0.00	29.55 -0.20 0.00	24.41 -0.19 0.00	28.73 -0.15 0.00	25.77 -0.14 0.00
NEG___GEN_MONROE 24207	21.49 -1.35 0.00	21.46 -1.48 0.00	21.96 -1.56 0.00	24.37 -1.68 0.00	24.17 -1.64 0.00	30.24 -1.83 0.00	32.93 -2.29 4.31	37.67 -2.71 5.29	96.56 -6.23 0.05	46.72 -3.46 2.23	32.06 -1.98 0.00	37.24 -2.28 0.00	32.70 -2.01 0.00	31.60 -2.07 0.00	33.62 -2.17 0.00	34.69 -2.09 0.00	34.83 -1.89 0.00	36.52 -1.55 0.00	56.42 -2.78 0.00	33.95 -1.80 0.00	28.10 -1.66 0.00	23.23 -1.37 0.00	27.50 -1.37 0.00	24.84 -1.07 0.00
NEPA___ENERGY 23901	21.04 -1.80 0.00	20.87 -2.06 0.00	21.42 -2.11 0.00	23.76 -2.28 0.00	23.53 -2.28 0.00	29.41 -2.66 0.00	28.16 -3.46 7.90	31.84 -3.92 9.92	94.66 -8.09 0.09	42.68 -4.87 4.86	31.12 -2.93 0.00	36.42 -3.09 0.00	31.81 -2.90 0.00	30.93 -2.74 0.00	32.88 -2.90 0.00	33.97 -2.80 0.00	34.10 -2.62 0.00	35.80 -2.27 0.00	55.59 -3.61 0.00	33.36 -2.40 0.00	27.52 -2.23 0.00	22.78 -1.82 0.00	27.22 -1.65 0.00	24.57 -1.34 0.00
NEVERSINK___HYD 23608	23.85 1.01 0.00	23.92 0.98 0.00	24.54 1.02 0.00	27.19 1.15 0.00	26.98 1.18 0.00	33.57 1.50 0.00	41.55 2.02 0.00	48.23 2.55 0.00	108.58 5.74 0.00	55.22 2.80 0.00	35.79 1.74 0.00	41.38 1.87 0.00	35.57 0.86 0.00	34.20 0.53 0.00	36.44 0.65 0.00	37.41 0.64 0.00	37.38 0.65 0.00	39.10 1.03 0.00	60.86 1.66 0.00	36.71 0.95 0.00	31.27 1.51 0.00	25.78 1.19 0.00	30.14 1.27 0.00	26.98 1.07 0.00
NEWKRMKL_115KV_TB1 55635	23.19 0.35 0.00	23.24 0.30 0.00	23.86 0.33 0.00	26.43 0.38 0.00	26.21 0.41 0.00	32.52 0.45 0.00	40.08 0.54 0.00	46.52 0.84 0.00	104.81 1.96 0.00	53.34 0.93 0.00	34.60 0.55 0.00	40.06 0.55 0.00	35.27 0.56 0.00	34.12 0.45 0.00	36.30 0.52 0.00	37.28 0.51 0.00	37.16 0.43 0.00	38.73 0.66 0.00	60.13 0.93 0.00	36.22 0.47 0.00	30.23 0.47 0.00	25.00 0.40 0.00	29.32 0.44 0.00	26.25 0.34 0.00

NEWTON___FALLS_HYD 23847	22.36 -0.48 0.00	22.59 -0.35 0.00	23.20 -0.32 0.00	25.62 -0.42 0.00	25.36 -0.44 0.00	31.70 -0.37 0.00	39.27 -0.27 0.00	45.55 -0.13 0.00	102.88 0.04 0.00	52.77 0.36 0.00	34.12 0.08 0.00	39.76 0.25 0.00	34.91 0.20 0.00	33.92 0.25 0.00	35.87 0.09 0.00	36.92 0.15 0.00	36.79 0.06 0.00	37.98 -0.09 0.00	58.91 -0.29 0.00	35.67 -0.08 0.00	29.65 -0.11 0.00	24.45 -0.15 0.00	28.76 -0.11 0.00	25.87 -0.04 0.00
NGRID_A1_DSASP 323792	20.02 -2.82 0.00	19.89 -3.05 0.00	20.40 -3.13 0.00	22.68 -3.37 0.00	22.47 -3.34 0.00	28.13 -3.94 0.00	28.04 -5.11 6.37	31.38 -6.35 7.94	88.11 -14.66 0.07	40.57 -7.84 4.01	29.35 -4.69 0.00	34.12 -5.39 0.00	29.95 -4.76 0.00	28.84 -4.83 0.00	30.69 -5.09 0.00	31.75 -5.02 0.00	31.95 -4.77 0.00	33.64 -4.43 0.00	51.68 -7.53 0.00	31.13 -4.62 0.00	25.77 -3.99 0.00	21.37 -3.23 0.00	25.61 -3.27 0.00	23.37 -2.54 0.00
NGRID_A2_DSASP 323793	20.02 -2.82 0.00	19.89 -3.05 0.00	20.40 -3.13 0.00	22.68 -3.37 0.00	22.47 -3.34 0.00	28.13 -3.94 0.00	28.04 -5.11 6.37	31.38 -6.35 7.94	88.11 -14.66 0.07	40.57 -7.84 4.01	29.35 -4.69 0.00	34.12 -5.39 0.00	29.95 -4.76 0.00	28.84 -4.83 0.00	30.69 -5.09 0.00	31.75 -5.02 0.00	31.95 -4.77 0.00	33.64 -4.43 0.00	51.68 -7.53 0.00	31.13 -4.62 0.00	25.77 -3.99 0.00	21.37 -3.23 0.00	25.61 -3.27 0.00	23.37 -2.54 0.00
NGRID_A4_DSASP 323807	20.02 -2.82 0.00	19.89 -3.05 0.00	20.40 -3.13 0.00	22.68 -3.37 0.00	22.47 -3.34 0.00	28.13 -3.94 0.00	28.04 -5.11 6.37	31.38 -6.35 7.94	88.11 -14.66 0.07	40.57 -7.84 4.01	29.35 -4.69 0.00	34.12 -5.39 0.00	29.95 -4.76 0.00	28.84 -4.83 0.00	30.69 -5.09 0.00	31.75 -5.02 0.00	31.95 -4.77 0.00	33.64 -4.43 0.00	51.68 -7.53 0.00	31.13 -4.62 0.00	25.77 -3.99 0.00	21.37 -3.23 0.00	25.61 -3.27 0.00	23.37 -2.54 0.00
NIAGARA_115E_LBMP 323715	20.12 -2.72 0.00	19.99 -2.95 0.00	20.50 -3.03 0.00	22.79 -3.26 0.00	22.58 -3.23 0.00	28.26 -3.81 0.00	28.40 -4.75 6.38	31.88 -5.82 7.98	88.72 -14.05 0.07	40.87 -7.51 4.03	29.54 -4.51 0.00	34.34 -5.17 0.00	30.14 -4.57 0.00	29.03 -4.64 0.00	30.90 -4.88 0.00	31.97 -4.80 0.00	32.17 -4.55 0.00	33.87 -4.20 0.00	52.05 -7.15 0.00	31.35 -4.40 0.00	25.94 -3.82 0.00	21.50 -3.09 0.00	25.76 -3.11 0.00	23.51 -2.40 0.00
NIAGARA_115W_LBMP 323714	19.97 -2.87 0.00	19.84 -3.10 0.00	20.35 -3.17 0.00	22.63 -3.42 0.00	22.42 -3.39 0.00	28.06 -4.00 0.00	27.98 -5.19 6.36	31.30 -6.45 7.92	87.84 -14.93 0.07	40.46 -7.96 3.99	29.27 -4.77 0.00	34.03 -5.48 0.00	29.87 -4.84 0.00	28.76 -4.91 0.00	30.60 -5.18 0.00	31.67 -5.10 0.00	31.87 -4.85 0.00	33.55 -4.52 0.00	51.54 -7.67 0.00	31.06 -4.69 0.00	25.70 -4.06 0.00	21.31 -3.29 0.00	25.54 -3.33 0.00	23.31 -2.60 0.00
NIAGARA_230_LBMP 323716	20.29 -2.56 0.00	20.16 -2.78 0.00	20.67 -2.85 0.00	22.99 -3.06 0.00	22.77 -3.03 0.00	28.51 -3.56 0.00	28.69 -4.64 6.19	32.31 -5.66 7.71	89.64 -13.14 0.07	41.48 -7.07 3.86	29.84 -4.20 0.00	34.69 -4.82 0.00	30.42 -4.28 0.00	29.31 -4.35 0.00	31.21 -4.58 0.00	32.27 -4.50 0.00	32.48 -4.25 0.00	34.17 -3.90 0.00	52.54 -6.66 0.00	31.66 -4.10 0.00	26.18 -3.58 0.00	21.71 -2.89 0.00	25.98 -2.90 0.00	23.65 -2.25 0.00
NIAGARA___115KV_198_GIBSON 55903	19.95 -2.89 0.00	19.89 -3.05 0.00	20.35 -3.18 0.00	22.63 -3.42 0.00	22.42 -3.39 0.00	28.06 -4.00 0.00	27.98 -5.19 6.36	31.30 -6.45 7.92	87.87 -14.90 0.07	40.43 -8.00 3.99	29.25 -4.79 0.00	34.01 -5.50 0.00	29.87 -4.84 0.00	28.77 -4.90 0.00	30.60 -5.18 0.00	31.67 -5.10 0.00	31.87 -4.85 0.00	33.53 -4.54 0.00	51.56 -7.65 0.00	31.06 -4.69 0.00	25.71 -4.05 0.00	21.32 -3.28 0.00	25.55 -3.33 0.00	23.31 -2.60 0.00
NIAGARA____ 23760	20.29 -2.56 0.00	20.16 -2.78 0.00	20.67 -2.85 0.00	22.99 -3.06 0.00	22.77 -3.03 0.00	28.51 -3.56 0.00	28.64 -4.64 6.25	32.22 -5.66 7.80	89.63 -13.14 0.07	41.40 -7.07 3.93	29.84 -4.20 0.00	34.69 -4.82 0.00	30.42 -4.28 0.00	29.31 -4.35 0.00	31.21 -4.58 0.00	32.27 -4.50 0.00	32.48 -4.25 0.00	34.17 -3.90 0.00	52.54 -6.66 0.00	31.66 -4.10 0.00	26.18 -3.58 0.00	21.71 -2.89 0.00	25.98 -2.90 0.00	23.65 -2.25 0.00
NINE_MILE_1 23575	21.87 -0.97 0.00	21.93 -1.01 0.00	22.47 -1.05 0.00	24.84 -1.21 0.00	24.62 -1.18 0.00	30.61 -1.46 0.00	37.73 -1.80 0.00	43.62 -2.05 0.00	98.25 -4.59 0.00	49.99 -2.43 0.00	32.51 -1.54 0.00	37.74 -1.78 0.00	33.15 -1.57 0.00	32.16 -1.51 0.00	34.20 -1.58 0.00	35.17 -1.60 0.00	35.15 -1.57 0.00	36.59 -1.48 0.00	56.83 -2.38 0.00	34.27 -1.49 0.00	28.50 -1.26 0.00	23.58 -1.02 0.00	27.66 -1.22 0.00	24.82 -1.08 0.00
NINE_MILE_2 23744	21.87 -0.97 0.00	21.93 -1.01 0.00	22.47 -1.05 0.00	24.84 -1.21 0.00	24.62 -1.18 0.00	30.61 -1.45 0.00	37.73 -1.80 0.00	43.62 -2.05 0.00	98.25 -4.59 0.00	50.00 -2.42 0.00	32.51 -1.53 0.00	37.74 -1.78 0.00	33.15 -1.56 0.00	32.17 -1.50 0.00	34.20 -1.58 0.00	35.17 -1.60 0.00	35.15 -1.57 0.00	36.59 -1.48 0.00	56.83 -2.38 0.00	34.27 -1.49 0.00	28.50 -1.26 0.00	23.59 -1.01 0.00	27.66 -1.22 0.00	24.83 -1.08 0.00
NM_CAPITAL___DRP 24208	23.23 0.39 0.00	23.28 0.34 0.00	23.90 0.38 0.00	26.48 0.43 0.00	26.26 0.46 0.00	32.58 0.51 0.00	40.12 0.59 0.00	46.56 0.88 0.00	104.91 2.07 0.00	53.39 0.98 0.00	34.63 0.58 0.00	40.07 0.56 0.00	35.29 0.58 0.00	34.18 0.51 0.00	36.37 0.59 0.00	37.35 0.58 0.00	37.21 0.49 0.00	38.78 0.71 0.00	60.21 1.01 0.00	36.28 0.53 0.00	30.30 0.54 0.00	25.06 0.46 0.00	29.41 0.54 0.00	26.34 0.43 0.00
NM_CENTRAL___DRP 24181	22.22 -0.62 0.00	22.27 -0.67 0.00	22.82 -0.71 0.00	25.22 -0.83 0.00	25.01 -0.79 0.00	31.12 -0.94 0.00	38.34 -1.20 0.00	44.36 -1.31 0.00	100.02 -2.83 0.00	50.85 -1.57 0.00	33.08 -0.96 0.00	38.40 -1.12 0.00	33.73 -0.97 0.00	32.75 -0.92 0.00	34.82 -0.97 0.00	35.82 -0.96 0.00	35.81 -0.92 0.00	37.32 -0.76 0.00	57.94 -1.26 0.00	34.92 -0.84 0.00	29.02 -0.74 0.00	23.99 -0.61 0.00	28.14 -0.74 0.00	25.24 -0.66 0.00
NM_FRONTIER___DRP 24179	19.95 -2.89 0.00	19.89 -3.05 0.00	20.35 -3.18 0.00	22.63 -3.42 0.00	22.42 -3.39 0.00	28.06 -4.00 0.00	27.98 -5.19 6.36	31.30 -6.45 7.92	87.87 -14.90 0.07	40.43 -8.00 3.99	29.25 -4.79 0.00	34.01 -5.50 0.00	29.87 -4.84 0.00	28.77 -4.90 0.00	30.60 -5.18 0.00	31.67 -5.10 0.00	31.87 -4.85 0.00	33.53 -4.54 0.00	51.56 -7.65 0.00	31.06 -4.69 0.00	25.71 -4.05 0.00	21.32 -3.28 0.00	25.55 -3.33 0.00	23.31 -2.60 0.00
NM_ST_REGIS___HYD 24053	22.97 0.13 0.00	23.27 0.33 0.00	23.88 0.36 0.00	26.51 0.46 0.00	26.14 0.33 0.00	32.61 0.54 0.00	40.48 0.94 0.00	46.97 1.29 0.00	105.68 2.83 0.00	54.24 1.82 0.00	35.10 1.06 0.00	40.97 1.45 0.00	35.85 1.14 0.00	34.76 1.10 0.00	36.73 0.94 0.00	37.78 1.01 0.00	37.50 0.78 0.00	38.38 0.31 0.00	59.50 0.30 0.00	36.08 0.33 0.00	30.03 0.27 0.00	24.78 0.18 0.00	29.24 0.37 0.00	26.41 0.51 0.00

NORTHPORT___1 23551	24.36 1.52 0.00	24.49 1.55 0.00	25.10 1.58 0.00	48.50 1.86 -20.59	27.59 1.79 0.00	38.75 2.06 -4.62	101.30 3.00 -58.77	65.88 3.56 -16.64	109.91 7.06 0.00	55.62 3.21 0.00	36.35 2.30 0.00	41.88 2.36 0.00	36.96 2.22 -0.03	37.92 2.28 -1.97	40.71 2.61 -2.32	41.79 2.59 -2.43	39.08 2.36 0.00	40.82 2.75 0.00	63.53 4.33 0.00	38.06 2.31 0.00	37.93 2.03 -6.15	26.18 1.58 0.00	30.69 1.82 0.00	27.43 1.52 0.00
NORTHPORT___2 23552	24.38 1.54 0.00	24.51 1.57 0.00	25.12 1.60 0.00	48.56 1.91 -20.59	27.63 1.82 0.00	38.75 2.06 -4.62	101.28 2.98 -58.77	65.84 3.52 -16.64	109.85 7.00 0.00	55.59 3.18 0.00	36.36 2.31 0.00	41.89 2.37 0.00	36.99 2.25 -0.03	37.94 2.30 -1.97	40.71 2.61 -2.32	41.79 2.58 -2.43	39.08 2.36 0.00	40.78 2.71 0.00	63.44 4.24 0.00	38.03 2.28 0.00	37.91 2.01 -6.15	26.15 1.55 0.00	30.69 1.82 0.00	27.43 1.53 0.00
NORTHPORT___3 23553	24.16 1.32 0.00	24.28 1.34 0.00	24.88 1.36 0.00	48.25 1.61 -20.59	27.32 1.51 0.00	38.35 1.67 -4.62	100.75 2.45 -58.77	65.28 2.96 -16.64	108.60 5.76 0.00	55.05 2.63 0.00	36.05 2.01 0.00	41.50 1.98 0.00	36.70 1.96 -0.03	37.61 1.98 -1.97	40.34 2.24 -2.32	41.38 2.17 -2.43	38.64 1.92 0.00	40.33 2.26 0.00	62.76 3.56 0.00	37.60 1.85 0.00	37.58 1.67 -6.15	25.92 1.32 0.00	30.39 1.52 0.00	27.19 1.28 0.00
NORTHPORT___4 23650	24.16 1.32 0.00	24.28 1.34 0.00	24.88 1.36 0.00	48.25 1.61 -20.59	27.32 1.51 0.00	38.35 1.67 -4.62	100.75 2.45 -58.77	65.28 2.96 -16.64	108.60 5.76 0.00	55.05 2.63 0.00	36.05 2.01 0.00	41.50 1.98 0.00	36.70 1.96 -0.03	37.61 1.98 -1.97	40.34 2.24 -2.32	41.38 2.17 -2.43	38.64 1.92 0.00	40.33 2.26 0.00	62.76 3.56 0.00	37.60 1.85 0.00	37.58 1.67 -6.15	25.92 1.32 0.00	30.39 1.52 0.00	27.19 1.28 0.00
NORTHPORT___IC 23718	24.38 1.54 0.00	24.51 1.57 0.00	25.12 1.60 0.00	48.56 1.91 -20.59	27.63 1.82 0.00	38.75 2.06 -4.62	101.28 2.98 -58.77	65.84 3.52 -16.64	109.85 7.00 0.00	55.59 3.18 0.00	36.36 2.31 0.00	41.89 2.37 0.00	36.99 2.25 -0.03	37.94 2.30 -1.97	40.71 2.61 -2.32	41.79 2.58 -2.43	39.08 2.36 0.00	40.78 2.71 0.00	63.44 4.24 0.00	38.03 2.28 0.00	37.91 2.01 -6.15	26.15 1.55 0.00	30.69 1.82 0.00	27.43 1.53 0.00
NORTH___COUNTRY_ESR 323785	23.30 0.46 0.00	23.56 0.62 0.00	24.21 0.68 0.00	26.94 0.89 0.00	26.42 0.61 0.00	32.83 0.77 0.00	40.62 1.09 0.00	47.11 1.43 0.00	105.81 2.97 0.00	53.96 1.55 0.00	35.08 1.04 0.00	40.85 1.34 0.00	35.84 1.14 0.00	34.65 0.98 0.00	36.84 1.06 0.00	38.03 1.26 0.00	38.02 1.30 0.00	39.14 1.08 0.00	60.67 1.46 0.00	36.71 0.96 0.00	30.65 0.90 0.00	25.32 0.72 0.00	29.79 0.91 0.00	26.88 0.97 0.00
NPX_GEN_1385_PROXY 323591	24.56 1.70 -0.02	24.76 1.82 0.00	25.40 1.88 0.00	59.57 2.64 -30.88	35.81 2.53 -7.47	39.16 2.48 -4.62	102.05 3.75 -58.77	66.54 4.22 -16.64	110.56 7.72 0.00	56.08 3.67 0.00	36.39 2.34 0.00	42.03 2.51 0.00	37.09 2.36 -0.03	38.05 2.42 -1.97	40.83 2.73 -2.32	42.04 2.84 -2.43	39.50 2.78 0.00	40.77 2.70 0.00	63.25 4.05 0.00	38.16 2.41 0.00	37.95 2.05 -6.15	26.07 1.47 0.00	30.90 2.03 0.00	27.62 1.71 0.00
NPX_GEN_CSC 323557	24.41 1.54 -0.02	24.54 1.59 0.00	25.19 1.67 0.00	48.64 2.00 -20.59	27.68 1.88 0.00	38.85 2.16 -4.62	101.78 3.48 -58.77	66.20 3.88 -16.64	110.26 7.42 0.00	55.57 3.16 0.00	36.44 2.39 0.00	41.57 2.05 0.00	36.67 1.93 -0.03	37.73 2.10 -1.97	40.79 2.69 -2.32	41.74 2.54 -2.43	38.93 2.21 0.00	40.74 2.67 0.00	63.48 4.27 0.00	37.81 2.06 0.00	38.01 2.11 -6.15	26.19 1.59 0.00	30.63 1.75 0.00	27.41 1.51 0.00
NSINS_S_GLNS_FALLS 23858	23.63 0.79 0.00	23.87 0.92 0.00	24.48 0.96 0.00	27.13 1.08 0.00	26.91 1.10 0.00	33.59 1.52 0.00	41.47 1.93 0.00	48.23 2.56 0.00	109.06 6.22 0.00	55.64 3.22 0.00	36.13 2.09 0.00	41.87 2.35 0.00	36.88 2.17 0.00	35.60 1.94 0.00	37.78 2.00 0.00	38.84 2.06 0.00	38.73 2.01 0.00	40.41 2.34 0.00	62.51 3.31 0.00	37.61 1.86 0.00	31.45 1.70 0.00	25.97 1.37 0.00	30.53 1.65 0.00	27.21 1.30 0.00
NUCOR_STEEL___DRP 24197	22.56 -0.28 0.00	22.55 -0.39 0.00	23.14 -0.39 0.00	25.61 -0.44 0.00	25.29 -0.52 0.00	31.60 -0.46 0.00	41.87 -0.52 -2.87	49.27 -0.69 -4.28	101.43 -1.45 -0.04	53.16 -0.92 -1.67	33.51 -0.54 0.00	38.90 -0.61 0.00	34.17 -0.54 0.00	33.16 -0.51 0.00	35.25 -0.54 0.00	36.25 -0.52 0.00	36.26 -0.46 0.00	37.85 -0.22 0.00	59.03 -0.18 0.00	35.57 -0.19 0.00	29.49 -0.26 0.00	24.40 -0.19 0.00	28.52 -0.35 0.00	25.58 -0.33 0.00
NUMBER_THREE_WT_PWR 323818	22.46 -0.39 0.00	22.59 -0.35 0.00	23.23 -0.29 0.00	25.52 -0.53 0.00	25.30 -0.50 0.00	31.70 -0.37 0.00	39.12 -0.42 0.00	45.33 -0.34 0.00	102.75 -0.09 0.00	52.58 0.17 0.00	34.04 0.00 0.00	39.55 0.04 0.00	34.89 0.17 0.00	33.97 0.30 0.00	36.01 0.23 0.00	37.10 0.33 0.00	37.17 0.45 0.00	38.79 0.72 0.00	60.18 0.98 0.00	36.39 0.64 0.00	30.24 0.47 0.00	24.92 0.32 0.00	29.19 0.32 0.00	26.15 0.25 0.00
NYISO_LBMP_REFERENCE 24008	22.84 0.00 0.00	22.94 0.00 0.00	23.52 0.00 0.00	26.05 0.00 0.00	25.81 0.00 0.00	32.07 0.00 0.00	39.53 0.00 0.00	45.68 0.00 0.00	102.84 0.00 0.00	52.41 0.00 0.00	34.04 0.00 0.00	39.51 0.00 0.00	34.71 0.00 0.00	33.67 0.00 0.00	35.78 0.00 0.00	36.78 0.00 0.00	36.72 0.00 0.00	38.07 0.00 0.00	59.20 0.00 0.00	35.75 0.00 0.00	29.76 0.00 0.00	24.60 0.00 0.00	28.87 0.00 0.00	25.91 0.00 0.00
NYPA_BRENTWD___GT 24164	24.58 1.74 0.00	24.69 1.75 0.00	25.30 1.78 0.00	48.72 2.08 -20.59	27.81 2.01 0.00	39.04 2.36 -4.62	101.75 3.44 -58.77	66.41 4.10 -16.64	111.03 8.19 0.00	56.06 3.65 0.00	36.59 2.55 0.00	42.23 2.71 0.00	37.25 2.51 -0.03	38.25 2.61 -1.97	41.09 2.99 -2.32	42.20 2.99 -2.43	39.50 2.78 0.00	41.30 3.23 0.00	64.29 5.09 0.00	38.48 2.73 0.00	38.28 2.38 -6.15	26.45 1.85 0.00	30.98 2.11 0.00	27.69 1.78 0.00
NYPA_GOWANUS___GT5 24156	24.05 1.21 0.00	24.13 1.19 0.00	24.72 1.20 0.00	27.36 1.32 0.00	27.17 1.37 0.00	33.78 1.72 0.00	41.73 2.20 0.00	56.80 2.77 -8.36	109.39 6.54 -0.01	55.56 3.15 0.00	36.08 2.04 0.00	176.49 2.29 -134.69	46.41 2.01 -9.70	81.48 1.90 -45.91	262.67 2.15 -224.73	38.88 2.11 0.00	38.73 2.01 0.00	40.49 2.42 0.00	63.20 4.00 -0.01	52.51 2.14 -14.62	54.66 1.74 -23.17	104.53 1.42 -78.51	53.35 1.51 -22.97	27.20 1.28 -0.01
NYPA_GOWANUS___GT6 24157	24.05 1.21 0.00	24.13 1.19 0.00	24.72 1.20 0.00	27.36 1.32 0.00	27.17 1.37 0.00	33.78 1.72 0.00	41.73 2.20 0.00	56.80 2.77 -8.36	109.39 6.54 -0.01	55.56 3.15 0.00	36.08 2.04 0.00	176.49 2.29 -134.69	46.41 2.01 -9.70	81.48 1.90 -45.91	262.67 2.15 -224.73	38.88 2.11 0.00	38.73 2.01 0.00	40.49 2.42 0.00	63.20 4.00 -0.01	52.51 2.14 -14.62	54.66 1.74 -23.17	104.53 1.42 -78.51	53.35 1.51 -22.97	27.20 1.28 -0.01

NYPA_HARLEM__RVR__GT1 24160	23.90 1.06 0.00	24.08 1.13 -0.01	24.62 1.10 0.00	27.27 1.22 0.00	27.07 1.26 0.00	33.60 1.53 0.00	41.46 1.93 0.00	48.13 2.46 0.00	108.66 5.82 0.00	55.19 2.78 0.00	35.90 1.86 0.00	41.52 2.01 0.00	36.51 1.80 0.00	35.35 1.68 0.00	37.68 1.90 0.00	38.60 1.83 0.00	38.39 1.67 0.00	40.19 2.12 0.00	62.80 3.60 0.00	37.66 1.90 0.00	31.32 1.56 0.00	25.90 1.30 0.00	30.23 1.35 0.00	27.05 1.14 0.00
NYPA_HARLEM__RVR__GT2 24161	23.90 1.06 0.00	24.08 1.13 -0.01	24.62 1.10 0.00	27.27 1.22 0.00	27.07 1.26 0.00	33.60 1.53 0.00	41.46 1.93 0.00	48.13 2.46 0.00	108.66 5.82 0.00	55.19 2.78 0.00	35.90 1.86 0.00	41.52 2.01 0.00	36.51 1.80 0.00	35.35 1.68 0.00	37.68 1.90 0.00	38.60 1.83 0.00	38.39 1.67 0.00	40.19 2.12 0.00	62.80 3.60 0.00	37.66 1.90 0.00	31.32 1.56 0.00	25.90 1.30 0.00	30.23 1.35 0.00	27.05 1.14 0.00
NYPA_KENT____GT 24152	24.01 1.17 0.00	24.10 1.16 0.00	24.69 1.16 0.00	27.32 1.27 0.00	27.13 1.32 0.00	33.72 1.66 0.00	41.65 2.12 0.00	53.43 2.70 -5.04	109.21 6.36 0.00	55.47 3.05 0.00	36.04 2.00 0.00	123.00 2.22 -81.27	42.51 1.95 -5.85	63.23 1.86 -27.70	173.48 2.10 -135.60	38.83 2.06 0.00	38.67 1.95 0.00	40.43 2.36 0.00	63.08 3.88 0.00	46.65 2.08 -8.82	45.42 1.68 -13.98	73.35 1.37 -47.37	44.19 1.45 -13.86	27.13 1.22 0.00
NYPA_POUCH1____GT 24155	24.00 1.16 0.00	24.08 1.14 0.00	24.67 1.14 0.00	27.31 1.26 0.00	27.12 1.31 0.00	33.72 1.65 0.00	41.63 2.10 0.00	56.66 2.63 -8.36	109.05 6.21 -0.01	55.35 2.94 0.00	35.92 1.88 0.00	176.33 2.13 -134.69	46.17 1.85 -9.61	81.23 1.75 -45.82	262.57 2.06 -224.73	38.80 2.02 0.00	38.66 1.93 0.00	40.38 2.31 0.00	63.04 3.84 -0.01	52.41 2.04 -14.62	54.58 1.65 -23.17	104.48 1.37 -78.51	53.28 1.44 -22.97	27.15 1.23 -0.01
NYPA_VERNON____GT2 24162	23.98 1.14 0.00	24.07 1.12 0.00	24.66 1.13 0.00	27.28 1.23 0.00	27.08 1.28 0.00	33.66 1.59 0.00	41.57 2.04 0.00	50.04 2.63 -1.73	109.03 6.19 0.00	55.40 2.98 0.00	36.01 1.96 0.00	69.52 2.15 -27.85	38.62 1.91 -2.01	44.97 1.81 -9.49	84.28 2.03 -46.47	38.76 1.99 0.00	38.59 1.87 0.00	40.37 2.30 0.00	62.97 3.77 0.00	40.77 2.00 -3.02	36.17 1.62 -4.79	42.16 1.32 -16.23	35.02 1.40 -4.75	27.07 1.16 0.00
NYPA_VERNON____GT3 24163	23.98 1.14 0.00	24.07 1.12 0.00	24.66 1.13 0.00	27.28 1.23 0.00	27.08 1.28 0.00	33.66 1.59 0.00	41.57 2.04 0.00	50.04 2.63 -1.73	109.03 6.19 0.00	55.40 2.98 0.00	36.01 1.96 0.00	69.52 2.15 -27.85	38.62 1.91 -2.01	44.97 1.81 -9.49	84.28 2.03 -46.47	38.76 1.99 0.00	38.59 1.87 0.00	40.37 2.30 0.00	62.97 3.77 0.00	40.77 2.00 -3.02	36.17 1.62 -4.79	42.16 1.32 -16.23	35.02 1.40 -4.75	27.07 1.16 0.00
NYPA__ASTORIA_CC1 323568	23.93 1.09 0.00	24.03 1.09 0.00	24.61 1.08 0.00	27.22 1.17 0.00	27.03 1.22 0.00	33.59 1.52 0.00	41.49 1.96 0.00	48.22 2.54 0.00	108.84 5.99 0.00	55.29 2.87 0.00	35.92 1.88 0.00	41.57 2.06 0.00	36.55 1.84 0.00	35.40 1.73 0.00	37.74 1.95 0.00	38.67 1.90 0.00	38.51 1.79 0.00	40.29 2.22 0.00	62.82 3.62 0.00	37.67 1.92 0.00	31.31 1.55 0.00	25.87 1.27 0.00	30.20 1.32 0.00	27.00 1.09 0.00
NYPA__ASTORIA_CC2 323569	23.93 1.09 0.00	24.03 1.09 0.00	24.61 1.08 0.00	27.22 1.17 0.00	27.03 1.22 0.00	33.59 1.52 0.00	41.49 1.96 0.00	48.22 2.54 0.00	108.84 5.99 0.00	55.29 2.87 0.00	35.92 1.88 0.00	41.57 2.06 0.00	36.55 1.84 0.00	35.40 1.73 0.00	37.74 1.95 0.00	38.67 1.90 0.00	38.51 1.79 0.00	40.29 2.22 0.00	62.82 3.62 0.00	37.67 1.92 0.00	31.31 1.55 0.00	25.87 1.27 0.00	30.20 1.32 0.00	27.00 1.09 0.00
NYPA__HOLTSVILL 23794	24.44 1.60 0.00	24.56 1.62 0.00	25.19 1.67 0.00	48.59 1.94 -20.59	27.66 1.86 0.00	38.87 2.18 -4.62	101.64 3.34 -58.77	66.18 3.86 -16.64	110.32 7.48 0.00	55.74 3.32 0.00	36.45 2.41 0.00	41.86 2.35 0.00	36.93 2.19 -0.03	37.95 2.31 -1.97	40.83 2.73 -2.32	41.90 2.69 -2.43	39.16 2.44 0.00	40.96 2.88 0.00	63.77 4.56 0.00	38.11 2.36 0.00	38.06 2.15 -6.15	26.26 1.66 0.00	30.76 1.88 0.00	27.50 1.59 0.00
NYPA__HELLGATE_GT1 24158	23.90 1.06 0.00	24.07 1.13 0.00	24.62 1.10 0.00	27.27 1.22 0.00	27.07 1.26 0.00	33.60 1.53 0.00	41.46 1.93 0.00	48.13 2.46 0.00	108.66 5.82 0.00	55.18 2.77 0.00	35.90 1.86 0.00	41.52 2.01 0.00	36.51 1.80 0.00	35.35 1.68 0.00	37.68 1.90 0.00	38.60 1.83 0.00	38.39 1.67 0.00	40.19 2.12 0.00	62.77 3.57 0.00	37.64 1.89 0.00	31.32 1.56 0.00	25.90 1.30 0.00	30.23 1.35 0.00	27.05 1.14 0.00
NYPA__HELLGATE_GT2 24159	23.90 1.06 0.00	24.07 1.13 0.00	24.62 1.10 0.00	27.27 1.22 0.00	27.07 1.26 0.00	33.60 1.53 0.00	41.46 1.93 0.00	48.13 2.46 0.00	108.66 5.82 0.00	55.18 2.77 0.00	35.90 1.86 0.00	41.52 2.01 0.00	36.51 1.80 0.00	35.35 1.68 0.00	37.68 1.90 0.00	38.60 1.83 0.00	38.39 1.67 0.00	40.19 2.12 0.00	62.77 3.57 0.00	37.64 1.89 0.00	31.32 1.56 0.00	25.90 1.30 0.00	30.23 1.35 0.00	27.05 1.14 0.00
NYS_BARGE__HYD 23848	20.52 -2.32 0.00	20.37 -2.56 0.00	20.89 -2.63 0.00	23.23 -2.82 0.00	23.01 -2.79 0.00	28.83 -3.24 0.00	29.33 -4.08 6.12	33.08 -4.96 7.63	90.95 -11.82 0.07	42.20 -6.40 3.82	30.26 -3.79 0.00	35.19 -4.32 0.00	30.88 -3.83 0.00	29.76 -3.91 0.00	31.69 -4.09 0.00	32.78 -3.99 0.00	32.97 -3.75 0.00	34.71 -3.36 0.00	53.36 -5.84 0.00	32.15 -3.60 0.00	26.58 -3.18 0.00	22.02 -2.58 0.00	26.33 -2.54 0.00	23.97 -1.94 0.00
OAK_ORCHARD__HYD 24046	21.43 -1.41 0.00	21.38 -1.56 0.00	21.91 -1.62 0.00	24.30 -1.75 0.00	24.09 -1.71 0.00	30.13 -1.94 0.00	32.85 -2.46 4.22	37.60 -2.90 5.18	96.21 -6.58 0.05	46.78 -3.61 2.03	31.96 -2.09 0.00	37.11 -2.40 0.00	32.58 -2.13 0.00	31.49 -2.18 0.00	33.51 -2.27 0.00	34.56 -2.22 0.00	34.68 -2.04 0.00	36.35 -1.72 0.00	56.14 -3.06 0.00	33.81 -1.94 0.00	27.98 -1.77 0.00	23.14 -1.46 0.00	27.38 -1.50 0.00	24.71 -1.20 0.00
OAKDALE__35_KV_LOAD 356122	22.53 -0.31 0.00	22.55 -0.39 0.00	23.12 -0.40 0.00	25.59 -0.46 0.00	25.37 -0.43 0.00	31.55 -0.52 0.00	37.99 -0.65 0.89	42.45 -0.65 2.57	101.70 -1.12 0.02	50.53 -0.87 1.02	33.53 -0.51 0.00	39.01 -0.51 0.00	34.23 -0.48 0.00	33.25 -0.41 0.00	35.36 -0.43 0.00	36.39 -0.38 0.00	36.40 -0.33 0.00	37.97 -0.10 0.00	59.03 -0.17 0.00	35.51 -0.24 0.00	29.47 -0.29 0.00	24.35 -0.25 0.00	28.66 -0.21 0.00	25.70 -0.21 0.00
OCC_CHEM__DRP 24175	19.99 -2.85 0.00	19.93 -3.00 0.00	20.40 -3.13 0.00	22.68 -3.37 0.00	22.47 -3.34 0.00	28.13 -3.93 0.00	28.05 -5.10 6.37	31.38 -6.35 7.94	88.12 -14.65 0.07	40.55 -7.86 4.01	29.34 -4.71 0.00	34.10 -5.41 0.00	29.95 -4.76 0.00	28.84 -4.83 0.00	30.69 -5.10 0.00	31.75 -5.02 0.00	31.96 -4.77 0.00	33.63 -4.44 0.00	51.71 -7.49 0.00	31.13 -4.62 0.00	25.78 -3.98 0.00	21.37 -3.22 0.00	25.61 -3.26 0.00	23.37 -2.54 0.00

OH_GEN_PROXY 24063	20.36 -2.50 -0.02	20.22 -2.72 0.00	20.73 -2.79 0.00	23.05 -3.00 0.00	22.84 -2.97 0.00	28.58 -3.48 0.00	28.87 -4.53 6.13	32.53 -5.51 7.64	90.03 -12.75 0.07	41.77 -6.88 3.76	29.95 -4.09 0.00	34.84 -4.67 0.00	30.54 -4.17 0.00	29.44 -4.23 0.00	31.33 -4.45 0.00	32.40 -4.37 0.00	32.61 -4.12 0.00	34.30 -3.77 0.00	52.76 -6.44 0.00	31.78 -3.97 0.00	26.28 -3.48 0.00	21.79 -2.81 0.00	26.05 -2.82 0.00	23.70 -2.21 0.00
OLIN_CORP_DRP 24177	20.14 -2.70 0.00	20.07 -2.87 0.00	20.54 -2.99 0.00	22.84 -3.21 0.00	22.62 -3.18 0.00	28.32 -3.74 0.00	28.39 -4.68 6.46	31.85 -5.75 8.08	88.96 -13.81 0.07	40.92 -7.41 4.09	29.59 -4.45 0.00	34.41 -5.10 0.00	30.21 -4.49 0.00	29.10 -4.57 0.00	30.97 -4.81 0.00	32.05 -4.72 0.00	32.26 -4.46 0.00	33.94 -4.13 0.00	52.20 -7.01 0.00	31.44 -4.31 0.00	26.02 -3.73 0.00	21.57 -3.03 0.00	25.82 -3.05 0.00	23.55 -2.35 0.00
OLIN_CORP_DSASP 323712	20.02 -2.82 0.00	19.89 -3.05 0.00	20.40 -3.13 0.00	22.68 -3.37 0.00	22.47 -3.34 0.00	28.13 -3.94 0.00	28.04 -5.11 6.37	31.38 -6.35 7.94	88.11 -14.66 0.07	40.57 -7.84 4.01	29.35 -4.69 0.00	34.12 -5.39 0.00	29.95 -4.76 0.00	28.84 -4.83 0.00	30.69 -5.09 0.00	31.75 -5.02 0.00	31.95 -4.77 0.00	33.64 -4.43 0.00	51.68 -7.53 0.00	31.13 -4.62 0.00	25.77 -3.99 0.00	21.37 -3.23 0.00	25.61 -3.27 0.00	23.37 -2.54 0.00
ONEIDA_HERK_LFGE 323681	22.98 0.14 0.00	23.07 0.13 0.00	23.67 0.15 0.00	26.12 0.07 0.00	25.90 0.10 0.00	32.33 0.27 0.00	39.95 0.42 0.00	46.26 0.58 0.00	104.47 1.63 0.00	53.30 0.88 0.00	34.58 0.53 0.00	40.12 0.61 0.00	35.31 0.60 0.00	34.33 0.66 0.00	36.46 0.68 0.00	37.50 0.73 0.00	37.52 0.80 0.00	39.10 1.03 0.00	60.69 1.49 0.00	36.64 0.89 0.00	30.46 0.70 0.00	25.13 0.53 0.00	29.44 0.57 0.00	26.37 0.46 0.00
ONEIDA___115KV_TB4 55905	23.19 0.35 0.00	23.26 0.32 0.00	23.83 0.31 0.00	26.35 0.30 0.00	26.14 0.33 0.00	32.59 0.53 0.00	40.31 0.78 0.00	46.67 1.00 0.00	105.35 2.51 0.00	53.59 1.18 0.00	34.81 0.77 0.00	40.37 0.86 0.00	35.49 0.78 0.00	34.47 0.81 0.00	36.66 0.88 0.00	37.69 0.92 0.00	37.71 0.99 0.00	39.26 1.20 0.00	60.95 1.75 0.00	36.74 0.99 0.00	30.53 0.77 0.00	25.21 0.61 0.00	29.53 0.66 0.00	26.43 0.52 0.00
ONONDAGA_REF_OCCRA 23987	22.41 -0.43 0.00	22.45 -0.49 0.00	23.00 -0.52 0.00	25.43 -0.62 0.00	25.22 -0.58 0.00	31.38 -0.68 0.00	40.75 -0.84 -2.06	47.82 -0.87 -3.01	101.07 -1.80 -0.03	52.52 -1.07 -1.18	33.40 -0.64 0.00	38.77 -0.74 0.00	34.07 -0.64 0.00	33.07 -0.60 0.00	35.15 -0.63 0.00	36.16 -0.61 0.00	36.16 -0.57 0.00	37.69 -0.38 0.00	58.55 -0.66 0.00	35.27 -0.48 0.00	29.31 -0.45 0.00	24.22 -0.38 0.00	28.41 -0.47 0.00	25.48 -0.43 0.00
ONONDAGA___COGEN 23986	22.39 -0.45 0.00	22.42 -0.52 0.00	22.98 -0.54 0.00	25.41 -0.64 0.00	25.19 -0.62 0.00	31.34 -0.72 0.00	38.65 -0.88 0.00	44.73 -0.95 0.00	100.86 -1.98 0.00	51.27 -1.14 0.00	33.34 -0.71 0.00	38.71 -0.80 0.00	34.01 -0.70 0.00	33.01 -0.65 0.00	35.09 -0.70 0.00	36.09 -0.68 0.00	36.09 -0.64 0.00	37.62 -0.45 0.00	58.46 -0.75 0.00	35.23 -0.52 0.00	29.28 -0.48 0.00	24.21 -0.40 0.00	28.36 -0.51 0.00	25.44 -0.47 0.00
ONTARIO___LFGE 23819	22.17 -0.68 0.00	22.12 -0.82 0.00	22.67 -0.86 0.00	25.12 -0.93 0.00	24.92 -0.88 0.00	31.00 -1.07 0.00	28.86 -1.27 9.41	32.78 -1.20 11.70	100.22 -2.52 0.11	46.76 -1.60 4.05	33.23 -0.81 0.00	38.56 -0.95 0.00	33.90 -0.81 0.00	32.91 -0.75 0.00	34.92 -0.86 0.00	35.98 -0.80 0.00	36.06 -0.66 0.00	37.73 -0.33 0.00	58.53 -0.67 0.00	35.23 -0.52 0.00	29.24 -0.52 0.00	24.15 -0.45 0.00	28.45 -0.43 0.00	25.54 -0.36 0.00
ORANGEVILLE_WT_PWR 323706	20.77 -2.07 0.00	20.61 -2.33 0.00	21.08 -2.44 0.00	23.42 -2.63 0.00	23.22 -2.58 0.00	28.89 -3.18 0.00	25.19 -3.97 10.37	28.27 -4.49 12.91	92.96 -9.77 0.12	38.24 -5.44 8.73	30.84 -3.20 0.00	36.08 -3.44 0.00	31.70 -3.01 0.00	30.61 -3.06 0.00	32.76 -3.03 0.00	33.94 -2.83 0.00	34.01 -2.71 0.00	35.65 -2.43 0.00	55.25 -3.95 0.00	33.37 -2.38 0.00	27.63 -2.13 0.00	22.88 -1.72 0.00	27.28 -1.60 0.00	24.68 -1.23 0.00
ORANGEVILLE___ESR 323794	20.77 -2.07 0.00	20.61 -2.33 0.00	21.08 -2.44 0.00	23.42 -2.63 0.00	23.22 -2.58 0.00	28.89 -3.18 0.00	25.19 -3.97 10.37	28.27 -4.49 12.91	92.96 -9.77 0.12	38.24 -5.44 8.73	30.84 -3.20 0.00	36.08 -3.44 0.00	31.70 -3.01 0.00	30.61 -3.06 0.00	32.76 -3.03 0.00	33.94 -2.83 0.00	34.01 -2.71 0.00	35.65 -2.43 0.00	55.25 -3.95 0.00	33.37 -2.38 0.00	27.63 -2.13 0.00	22.88 -1.72 0.00	27.28 -1.60 0.00	24.68 -1.23 0.00
OSWEGATCHIE___HYD 24044	22.36 -0.48 0.00	22.59 -0.35 0.00	23.20 -0.32 0.00	25.63 -0.42 0.00	25.36 -0.44 0.00	31.70 -0.37 0.00	39.27 -0.26 0.00	45.55 -0.12 0.00	102.88 0.04 0.00	52.76 0.35 0.00	34.12 0.08 0.00	39.76 0.25 0.00	34.92 0.20 0.00	33.92 0.26 0.00	35.87 0.09 0.00	36.92 0.15 0.00	36.79 0.06 0.00	37.98 -0.09 0.00	58.91 -0.28 0.00	35.67 -0.08 0.00	29.65 -0.11 0.00	24.45 -0.15 0.00	28.76 -0.11 0.00	25.87 -0.04 0.00
OSWEGO___5 23606	22.03 -0.81 0.00	22.08 -0.86 0.00	22.63 -0.90 0.00	25.02 -1.03 0.00	24.81 -1.00 0.00	30.85 -1.22 0.00	38.02 -1.51 0.00	43.95 -1.73 0.00	99.04 -3.80 0.00	50.38 -2.03 0.00	32.76 -1.28 0.00	38.03 -1.48 0.00	33.42 -1.29 0.00	32.42 -1.25 0.00	34.46 -1.32 0.00	35.45 -1.33 0.00	35.43 -1.29 0.00	36.90 -1.17 0.00	57.30 -1.91 0.00	34.55 -1.20 0.00	28.73 -1.03 0.00	23.76 -0.83 0.00	27.87 -1.00 0.00	25.02 -0.88 0.00
OSWEGO___6 23613	22.03 -0.81 0.00	22.08 -0.86 0.00	22.63 -0.90 0.00	25.02 -1.03 0.00	24.81 -1.00 0.00	30.85 -1.22 0.00	38.02 -1.51 0.00	43.95 -1.73 0.00	99.04 -3.80 0.00	50.38 -2.03 0.00	32.76 -1.28 0.00	38.03 -1.48 0.00	33.42 -1.29 0.00	32.42 -1.25 0.00	34.46 -1.32 0.00	35.45 -1.33 0.00	35.43 -1.29 0.00	36.90 -1.17 0.00	57.30 -1.91 0.00	34.55 -1.20 0.00	28.73 -1.03 0.00	23.76 -0.83 0.00	27.87 -1.00 0.00	25.02 -0.88 0.00
OUTOKUMPU-AB___DRP 24206	20.63 -2.21 0.00	20.55 -2.39 0.00	21.03 -2.49 0.00	23.38 -2.67 0.00	23.16 -2.64 0.00	29.01 -3.05 0.00	29.02 -3.90 6.62	32.62 -4.81 8.25	91.59 -11.18 0.08	42.14 -6.08 4.19	30.48 -3.56 0.00	35.45 -4.06 0.00	31.12 -3.58 0.00	30.01 -3.66 0.00	31.96 -3.83 0.00	33.05 -3.72 0.00	33.23 -3.49 0.00	34.96 -3.11 0.00	53.83 -5.37 0.00	32.42 -3.34 0.00	26.81 -2.94 0.00	22.20 -2.40 0.00	26.55 -2.33 0.00	24.15 -1.76 0.00
OXBOW___BTM 323836	20.35 -2.49 0.00	20.21 -2.73 0.00	20.72 -2.80 0.00	23.04 -3.00 0.00	22.83 -2.98 0.00	28.60 -3.47 0.00	28.55 -4.48 6.50	32.03 -5.54 8.10	89.93 -12.84 0.07	41.40 -6.91 4.10	29.95 -4.09 0.00	34.83 -4.68 0.00	30.57 -4.14 0.00	29.45 -4.22 0.00	31.35 -4.43 0.00	32.43 -4.34 0.00	32.63 -4.10 0.00	34.34 -3.73 0.00	52.79 -6.41 0.00	31.82 -3.94 0.00	26.31 -3.45 0.00	21.80 -2.80 0.00	26.09 -2.78 0.00	23.77 -2.14 0.00

OXBOW____ 24026	20.32 -2.52 0.00	20.26 -2.68 0.00	20.72 -2.80 0.00	23.04 -3.01 0.00	22.83 -2.98 0.00	28.59 -3.48 0.00	28.55 -4.48 6.50	32.03 -5.54 8.10	89.93 -12.84 0.07	41.38 -6.93 4.10	29.94 -4.10 0.00	34.82 -4.70 0.00	30.57 -4.14 0.00	29.46 -4.21 0.00	31.35 -4.43 0.00	32.43 -4.34 0.00	32.63 -4.10 0.00	34.33 -3.74 0.00	52.83 -6.37 0.00	31.81 -3.94 0.00	26.32 -3.43 0.00	21.81 -2.79 0.00	26.10 -2.77 0.00	23.77 -2.14 0.00
OXY_CHEM_DSASP 323612	19.99 -2.85 0.00	19.93 -3.00 0.00	20.40 -3.13 0.00	22.68 -3.37 0.00	22.47 -3.34 0.00	28.13 -3.93 0.00	28.05 -5.10 6.37	31.38 -6.35 7.94	88.12 -14.65 0.07	40.55 -7.86 4.01	29.34 -4.71 0.00	34.10 -5.41 0.00	29.95 -4.76 0.00	28.84 -4.83 0.00	30.69 -5.10 0.00	31.75 -5.02 0.00	31.96 -4.77 0.00	33.63 -4.44 0.00	51.71 -7.49 0.00	31.13 -4.62 0.00	25.78 -3.98 0.00	21.37 -3.22 0.00	25.61 -3.26 0.00	23.37 -2.54 0.00
OZONE_PARK_ESR 323760	24.15 1.31 0.00	24.21 1.27 0.00	24.85 1.32 0.00	27.49 1.44 0.00	27.30 1.49 0.00	33.95 1.88 0.00	41.94 2.41 0.00	48.74 3.06 0.00	109.98 7.13 0.00	55.85 3.44 0.00	36.27 2.23 0.00	41.98 2.47 0.00	36.91 2.21 0.00	35.75 2.08 0.00	38.11 2.32 0.00	39.10 2.33 0.00	38.95 2.23 0.00	40.74 2.67 0.00	63.54 4.34 0.00	38.11 2.35 0.00	31.66 1.91 0.00	26.15 1.55 0.00	30.53 1.66 0.00	27.29 1.38 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	19.99 -2.85 0.00	19.93 -3.00 0.00	20.40 -3.13 0.00	22.68 -3.37 0.00	22.47 -3.34 0.00	28.13 -3.93 0.00	28.05 -5.10 6.37	31.38 -6.35 7.94	88.12 -14.65 0.07	40.55 -7.86 4.01	29.34 -4.71 0.00	34.10 -5.41 0.00	29.95 -4.76 0.00	28.84 -4.83 0.00	30.69 -5.10 0.00	31.75 -5.02 0.00	31.96 -4.77 0.00	33.63 -4.44 0.00	51.71 -7.49 0.00	31.13 -4.62 0.00	25.78 -3.98 0.00	21.37 -3.22 0.00	25.61 -3.26 0.00	23.37 -2.54 0.00
PACKARD__115KV_DUPONT_184 80571	19.99 -2.85 0.00	19.93 -3.00 0.00	20.40 -3.13 0.00	22.68 -3.37 0.00	22.47 -3.34 0.00	28.13 -3.93 0.00	28.05 -5.10 6.37	31.38 -6.35 7.94	88.12 -14.65 0.07	40.55 -7.86 4.01	29.34 -4.71 0.00	34.10 -5.41 0.00	29.95 -4.76 0.00	28.84 -4.83 0.00	30.69 -5.10 0.00	31.75 -5.02 0.00	31.96 -4.77 0.00	33.63 -4.44 0.00	51.71 -7.49 0.00	31.13 -4.62 0.00	25.78 -3.98 0.00	21.37 -3.22 0.00	25.61 -3.26 0.00	23.37 -2.54 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	23.85 1.01 0.00	23.97 1.03 0.00	24.54 1.01 0.00	27.18 1.13 0.00	26.98 1.17 0.00	33.51 1.45 0.00	41.39 1.86 0.00	48.11 2.43 0.00	108.59 5.75 0.00	55.16 2.74 0.00	35.83 1.78 0.00	41.44 1.93 0.00	36.43 1.72 0.00	35.27 1.60 0.00	37.60 1.82 0.00	38.54 1.77 0.00	38.36 1.64 0.00	40.16 2.09 0.00	62.64 3.45 0.00	37.56 1.81 0.00	31.23 1.47 0.00	25.81 1.21 0.00	30.12 1.25 0.00	26.95 1.05 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	23.92 1.08 0.00	24.06 1.12 0.00	24.63 1.11 0.00	27.30 1.26 0.00	27.11 1.30 0.00	33.69 1.63 0.00	41.62 2.09 0.00	48.38 2.71 0.00	109.17 6.33 0.00	55.38 2.97 0.00	36.04 2.00 0.00	41.68 2.17 0.00	36.62 1.91 0.00	35.41 1.74 0.00	37.79 2.01 0.00	38.72 1.95 0.00	38.49 1.76 0.00	40.29 2.22 0.00	62.87 3.67 0.00	37.69 1.94 0.00	31.32 1.57 0.00	25.90 1.30 0.00	30.24 1.37 0.00	27.06 1.15 0.00
PATROON__115KV_TB1 80586	23.26 0.42 0.00	23.31 0.36 0.00	23.92 0.40 0.00	26.51 0.46 0.00	26.29 0.48 0.00	32.62 0.55 0.00	40.20 0.66 0.00	46.67 0.99 0.00	105.18 2.34 0.00	53.52 1.10 0.00	34.72 0.67 0.00	40.19 0.68 0.00	35.39 0.68 0.00	34.24 0.57 0.00	36.42 0.64 0.00	37.40 0.63 0.00	37.28 0.56 0.00	38.85 0.78 0.00	60.32 1.12 0.00	36.35 0.59 0.00	30.32 0.56 0.00	25.08 0.48 0.00	29.40 0.53 0.00	26.33 0.42 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	21.33 -1.51 0.00	21.24 -1.70 0.00	21.74 -1.78 0.00	24.16 -1.89 0.00	23.93 -1.87 0.00	29.93 -2.13 0.00	29.36 -2.70 7.48	33.07 -3.24 9.36	95.33 -7.42 0.09	43.50 -4.24 4.68	31.61 -2.44 0.00	36.88 -2.63 0.00	32.33 -2.38 0.00	31.23 -2.44 0.00	33.27 -2.52 0.00	34.40 -2.38 0.00	34.59 -2.14 0.00	36.32 -1.75 0.00	56.05 -3.15 0.00	33.72 -2.04 0.00	27.86 -1.89 0.00	23.08 -1.52 0.00	27.54 -1.33 0.00	24.95 -0.96 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	24.10 1.26 0.00	24.16 1.22 0.00	24.78 1.26 0.00	27.44 1.39 0.00	27.23 1.42 0.00	33.88 1.82 0.00	41.90 2.36 0.00	48.60 2.93 0.00	109.42 6.57 0.00	55.56 3.15 0.00	36.09 2.04 0.00	41.74 2.23 0.00	36.70 1.99 0.00	35.57 1.90 0.00	37.84 2.06 0.00	38.83 2.06 0.00	38.75 2.02 0.00	40.57 2.50 0.00	63.13 3.93 0.00	37.93 2.18 0.00	31.54 1.79 0.00	26.02 1.42 0.00	30.42 1.55 0.00	27.22 1.31 0.00
PEEKSKILL____ 23653	23.83 0.99 0.00	23.92 0.97 0.00	24.54 1.01 0.00	27.18 1.13 0.00	26.96 1.16 0.00	33.49 1.43 0.00	41.38 1.85 0.00	48.01 2.34 0.00	108.15 5.30 0.00	54.89 2.48 0.00	35.62 1.58 0.00	41.21 1.70 0.00	36.23 1.53 0.00	35.13 1.46 0.00	37.44 1.65 0.00	38.41 1.64 0.00	38.29 1.57 0.00	40.05 1.98 0.00	62.39 3.19 0.00	37.46 1.71 0.00	31.15 1.40 0.00	25.71 1.11 0.00	30.08 1.21 0.00	26.93 1.02 0.00
PGE MADISON__WINDPWR 24146	24.44 1.60 0.00	24.39 1.45 0.00	24.98 1.45 0.00	27.63 1.58 0.00	27.50 1.70 0.00	34.44 2.37 0.00	58.16 3.45 -15.17	90.33 6.90 -37.75	118.24 15.05 -0.35	74.24 6.69 -15.13	38.30 4.26 0.00	44.34 4.82 0.00	39.00 4.30 0.00	37.83 4.16 0.00	39.19 3.41 0.00	39.92 3.15 0.00	40.09 3.37 0.00	41.92 3.86 0.00	65.05 5.85 0.00	39.10 3.35 0.00	32.37 2.61 0.00	26.59 1.99 0.00	31.20 2.32 0.00	27.87 1.96 0.00
PIERCEFIELD__HYD 23852	22.76 -0.08 0.00	23.07 0.13 0.00	23.67 0.15 0.00	26.25 0.20 0.00	25.93 0.12 0.00	32.36 0.29 0.00	40.17 0.63 0.00	46.61 0.94 0.00	104.96 2.12 0.00	53.94 1.53 0.00	34.87 0.82 0.00	40.72 1.21 0.00	35.60 0.89 0.00	34.56 0.89 0.00	36.45 0.67 0.00	37.46 0.69 0.00	37.11 0.38 0.00	37.92 -0.15 0.00	58.80 -0.40 0.00	35.67 -0.08 0.00	29.67 -0.09 0.00	24.48 -0.12 0.00	28.93 0.05 0.00	26.14 0.24 0.00
PINELAWN_CC_1 323563	24.39 1.55 0.00	24.49 1.55 0.00	25.11 1.59 0.00	48.49 1.84 -20.59	27.59 1.78 0.00	38.81 2.12 -4.62	101.34 3.03 -58.77	66.01 3.70 -16.64	110.30 7.46 0.00	55.81 3.40 0.00	36.42 2.37 0.00	41.96 2.45 0.00	37.07 2.33 -0.03	38.02 2.39 -1.97	40.81 2.71 -2.32	41.93 2.72 -2.43	39.25 2.53 0.00	41.04 2.97 0.00	63.88 4.68 0.00	38.25 2.50 0.00	38.09 2.18 -6.15	26.29 1.69 0.00	30.77 1.90 0.00	27.48 1.57 0.00
PJM_GEN_HTP_PROXY 323702	23.92 1.08 0.00	24.00 1.06 0.00	24.61 1.09 0.00	27.26 1.21 0.00	27.06 1.25 0.00	33.64 1.57 0.00	41.53 2.00 0.00	48.00 2.56 0.23	108.79 5.95 0.00	55.25 2.83 0.00	35.90 1.86 0.00	41.52 2.01 0.00	36.19 1.80 0.31	39.34 1.70 -3.96	37.70 1.92 0.00	38.66 1.89 0.00	38.52 1.80 0.00	40.27 2.20 0.00	62.81 3.61 0.00	37.66 1.91 0.00	31.30 1.55 0.00	25.85 1.25 0.00	30.21 1.34 0.00	27.02 1.11 0.00

PJM_GEN_KEystone 24065	22.48 -0.36 0.00	22.47 -0.47 0.00	23.07 -0.46 0.00	25.58 -0.47 0.00	25.36 -0.45 0.00	31.53 -0.53 0.00	35.17 -0.70 3.67	40.02 -0.72 4.93	101.26 -1.54 0.04	49.20 -1.14 2.07	33.36 -0.68 0.00	38.65 -0.74 0.13	27.13 -0.66 6.91	35.68 -0.67 -2.68	35.15 -0.64 0.00	36.16 -0.62 0.00	36.15 -0.57 0.00	37.84 -0.23 0.00	58.84 -0.37 0.00	35.34 -0.42 0.00	29.27 -0.49 0.00	24.21 -0.39 0.00	28.57 -0.31 0.00	25.70 -0.21 0.00
PJM_GEN_NEPTUNE_PROXY 323594	24.11 1.27 0.00	24.22 1.28 0.00	24.84 1.31 0.00	40.04 1.50 -12.50	27.28 1.48 0.00	36.63 1.76 -2.81	77.72 2.42 -35.76	58.54 2.96 -9.90	108.90 6.05 0.00	55.19 2.78 0.00	36.03 1.99 0.00	41.57 2.05 0.00	36.36 1.95 0.30	40.77 1.94 -5.16	39.39 2.19 -1.41	40.41 2.17 -1.46	38.71 1.99 0.00	40.45 2.38 0.00	62.96 3.76 0.00	37.75 2.00 0.00	36.43 1.76 -4.91	25.96 1.36 0.00	30.39 1.52 0.00	27.17 1.26 0.00
PJM_GEN_VFT_PROXY 323633	23.84 1.00 0.00	23.92 0.98 0.00	24.53 1.00 0.00	27.16 1.11 0.00	26.96 1.16 0.00	33.49 1.43 0.00	41.35 1.82 0.00	47.80 2.36 0.23	108.37 5.53 0.00	55.02 2.61 0.00	35.73 1.68 0.00	39.44 1.79 1.86	35.60 1.61 0.72	39.07 1.52 -3.88	37.51 1.73 0.00	38.47 1.70 0.00	38.32 1.60 0.00	40.08 2.01 0.00	62.52 3.32 0.00	37.49 1.74 0.00	31.16 1.40 0.00	25.74 1.14 0.00	30.08 1.21 0.00	26.91 1.00 0.00
PLATSBURG_115KV_PMLD1 355749	23.62 0.78 0.00	23.93 0.99 0.00	24.54 1.02 0.00	27.28 1.23 0.00	26.72 0.91 0.00	33.10 1.04 0.00	40.90 1.37 0.00	47.68 2.01 0.00	107.02 4.18 0.00	54.63 2.22 0.00	35.50 1.45 0.00	41.24 1.73 0.00	36.22 1.51 0.00	35.03 1.36 0.00	37.27 1.49 0.00	38.44 1.67 0.00	38.40 1.68 0.00	39.59 1.52 0.00	61.35 2.15 0.00	37.11 1.35 0.00	31.03 1.28 0.00	25.64 1.04 0.00	30.11 1.24 0.00	27.22 1.31 0.00
PLEASANTVLY___LBMP 24000	23.76 0.92 0.00	23.83 0.88 0.00	24.45 0.92 0.00	27.08 1.03 0.00	26.85 1.05 0.00	33.37 1.31 0.00	41.20 1.67 0.00	47.77 2.09 0.00	107.58 4.74 0.00	54.65 2.24 0.00	35.47 1.42 0.00	41.03 1.52 0.00	36.10 1.39 0.00	34.97 1.30 0.00	37.23 1.45 0.00	38.20 1.43 0.00	38.08 1.36 0.00	39.81 1.74 0.00	61.94 2.73 0.00	37.22 1.47 0.00	30.99 1.23 0.00	25.59 1.00 0.00	29.95 1.08 0.00	26.82 0.92 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	23.90 1.06 0.00	23.97 1.02 0.00	24.59 1.06 0.00	27.24 1.19 0.00	27.01 1.20 0.00	33.56 1.50 0.00	41.48 1.95 0.00	48.14 2.47 0.00	108.46 5.61 0.00	55.06 2.64 0.00	35.77 1.73 0.00	41.35 1.84 0.00	36.38 1.67 0.00	35.25 1.58 0.00	37.55 1.76 0.00	38.52 1.74 0.00	38.40 1.67 0.00	40.14 2.07 0.00	62.52 3.32 0.00	37.55 1.80 0.00	31.23 1.48 0.00	25.78 1.19 0.00	30.17 1.29 0.00	26.99 1.08 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	23.90 1.06 0.00	23.97 1.02 0.00	24.59 1.06 0.00	27.24 1.19 0.00	27.01 1.20 0.00	33.56 1.50 0.00	41.48 1.95 0.00	48.14 2.47 0.00	108.46 5.61 0.00	55.06 2.64 0.00	35.77 1.73 0.00	41.35 1.84 0.00	36.38 1.67 0.00	35.25 1.58 0.00	37.55 1.76 0.00	38.52 1.74 0.00	38.40 1.67 0.00	40.14 2.07 0.00	62.52 3.32 0.00	37.55 1.80 0.00	31.23 1.48 0.00	25.78 1.19 0.00	30.17 1.29 0.00	26.99 1.08 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	23.93 1.09 0.00	23.99 1.05 0.00	24.61 1.09 0.00	27.25 1.20 0.00	27.03 1.23 0.00	33.63 1.57 0.00	41.56 2.02 0.00	48.21 2.54 0.00	108.58 5.74 0.00	55.15 2.74 0.00	35.79 1.75 0.00	41.41 1.89 0.00	36.41 1.70 0.00	35.32 1.65 0.00	37.51 1.73 0.00	38.50 1.72 0.00	38.41 1.69 0.00	40.22 2.15 0.00	62.57 3.37 0.00	37.60 1.85 0.00	31.27 1.52 0.00	25.81 1.21 0.00	30.19 1.32 0.00	27.03 1.12 0.00
POLETTI____ 23519	23.90 1.06 0.00	23.98 1.04 0.00	24.61 1.08 0.00	27.23 1.18 0.00	27.04 1.23 0.00	33.59 1.52 0.00	41.47 1.94 0.00	48.12 2.45 0.00	108.59 5.75 0.00	55.17 2.76 0.00	35.84 1.80 0.00	41.45 1.93 0.00	36.45 1.74 0.00	35.31 1.64 0.00	37.64 1.86 0.00	38.60 1.83 0.00	38.45 1.73 0.00	40.20 2.13 0.00	62.71 3.51 0.00	37.60 1.85 0.00	31.26 1.50 0.00	25.82 1.22 0.00	30.17 1.30 0.00	26.98 1.07 0.00
POMONA___ESR 323819	23.81 0.97 0.00	23.90 0.96 0.00	24.54 1.02 0.00	27.19 1.14 0.00	26.97 1.16 0.00	33.48 1.42 0.00	41.39 1.86 0.00	48.03 2.36 0.00	108.15 5.31 0.00	54.90 2.48 0.00	35.60 1.55 0.00	41.19 1.67 0.00	36.20 1.49 0.00	35.12 1.45 0.00	37.42 1.63 0.00	38.39 1.62 0.00	38.28 1.56 0.00	40.05 1.98 0.00	62.40 3.20 0.00	37.48 1.73 0.00	31.15 1.39 0.00	25.70 1.10 0.00	30.07 1.20 0.00	26.94 1.03 0.00
PORT_JEFF_3 23555	24.50 1.66 0.00	24.63 1.68 0.00	25.25 1.72 0.00	48.65 2.01 -20.59	27.72 1.92 0.00	38.95 2.26 -4.62	101.75 3.44 -58.77	66.32 4.00 -16.64	110.65 7.81 0.00	55.89 3.48 0.00	36.55 2.51 0.00	41.98 2.47 0.00	37.03 2.30 -0.03	38.06 2.42 -1.97	40.95 2.85 -2.32	42.02 2.82 -2.43	39.23 2.51 0.00	41.04 2.97 0.00	63.90 4.70 0.00	38.20 2.44 0.00	38.16 2.25 -6.15	26.35 1.75 0.00	30.85 1.98 0.00	27.58 1.67 0.00
PORT_JEFF_4 23616	24.50 1.66 0.00	24.63 1.68 0.00	25.25 1.72 0.00	48.65 2.01 -20.59	27.72 1.92 0.00	38.95 2.26 -4.62	101.75 3.44 -58.77	66.32 4.00 -16.64	110.65 7.81 0.00	55.89 3.48 0.00	36.55 2.51 0.00	41.98 2.47 0.00	37.03 2.30 -0.03	38.06 2.42 -1.97	40.95 2.85 -2.32	42.02 2.82 -2.43	39.23 2.51 0.00	41.04 2.97 0.00	63.90 4.70 0.00	38.20 2.44 0.00	38.16 2.25 -6.15	26.35 1.75 0.00	30.85 1.98 0.00	27.58 1.67 0.00
PORT_JEFF_IC 23713	24.50 1.66 0.00	24.63 1.68 0.00	25.25 1.73 0.00	48.66 2.02 -20.59	27.72 1.92 0.00	38.95 2.26 -4.62	101.75 3.45 -58.77	66.33 4.01 -16.64	110.68 7.83 0.00	55.89 3.48 0.00	36.56 2.52 0.00	41.98 2.47 0.00	37.03 2.29 -0.03	38.07 2.43 -1.97	40.97 2.87 -2.32	42.03 2.82 -2.43	39.17 2.45 0.00	40.99 2.91 0.00	63.83 4.63 0.00	38.15 2.40 0.00	38.18 2.27 -6.15	26.36 1.76 0.00	30.85 1.98 0.00	27.58 1.67 0.00
PPL PILGRIM_ST_GT1 24216	24.58 1.74 0.00	24.69 1.75 0.00	25.30 1.78 0.00	48.72 2.08 -20.59	27.81 2.01 0.00	39.04 2.36 -4.62	101.75 3.44 -58.77	66.41 4.10 -16.64	111.03 8.19 0.00	56.06 3.65 0.00	36.59 2.55 0.00	42.23 2.71 0.00	37.25 2.51 -0.03	38.25 2.61 -1.97	41.09 2.99 -2.32	42.20 2.99 -2.43	39.50 2.78 0.00	41.30 3.23 0.00	64.29 5.09 0.00	38.48 2.73 0.00	38.28 2.38 -6.15	26.45 1.85 0.00	30.98 2.11 0.00	27.69 1.78 0.00
PPL PILGRIM_ST_GT2 24217	24.58 1.74 0.00	24.69 1.75 0.00	25.30 1.78 0.00	48.72 2.08 -20.59	27.81 2.01 0.00	39.04 2.36 -4.62	101.75 3.44 -58.77	66.41 4.10 -16.64	111.03 8.19 0.00	56.06 3.65 0.00	36.59 2.55 0.00	42.23 2.71 0.00	37.25 2.51 -0.03	38.25 2.61 -1.97	41.09 2.99 -2.32	42.20 2.99 -2.43	39.50 2.78 0.00	41.30 3.23 0.00	64.29 5.09 0.00	38.48 2.73 0.00	38.28 2.38 -6.15	26.45 1.85 0.00	30.98 2.11 0.00	27.69 1.78 0.00

PPL_SHRM_GT3 24213	24.41 1.57 0.00	24.56 1.62 0.00	25.21 1.69 0.00	48.67 2.02 -20.59	27.71 1.91 0.00	38.89 2.20 -4.62	101.84 3.54 -58.77	66.28 3.96 -16.64	110.37 7.52 0.00	55.61 3.20 0.00	36.46 2.42 0.00	41.59 2.08 0.00	36.69 1.95 -0.03	37.76 2.13 -1.97	40.82 2.72 -2.32	41.78 2.58 -2.43	38.99 2.27 0.00	40.80 2.73 0.00	63.58 4.38 0.00	37.87 2.12 0.00	38.05 2.14 -6.15	26.22 1.62 0.00	30.66 1.78 0.00	27.44 1.53 0.00
PPL_SHRM_GT4 24214	24.41 1.57 0.00	24.56 1.62 0.00	25.21 1.69 0.00	48.67 2.02 -20.59	27.71 1.91 0.00	38.89 2.20 -4.62	101.84 3.54 -58.77	66.28 3.96 -16.64	110.37 7.52 0.00	55.61 3.20 0.00	36.46 2.42 0.00	41.59 2.08 0.00	36.69 1.95 -0.03	37.76 2.13 -1.97	40.82 2.72 -2.32	41.78 2.58 -2.43	38.99 2.27 0.00	40.80 2.73 0.00	63.58 4.38 0.00	37.87 2.12 0.00	38.05 2.14 -6.15	26.22 1.62 0.00	30.66 1.78 0.00	27.44 1.53 0.00
PROJECT___ORANGE 1 24174	22.24 -0.60 0.00	22.28 -0.66 0.00	22.82 -0.70 0.00	25.23 -0.82 0.00	25.03 -0.78 0.00	31.14 -0.93 0.00	38.36 -1.17 0.00	44.39 -1.29 0.00	100.07 -2.77 0.00	50.88 -1.54 0.00	33.10 -0.95 0.00	38.42 -1.09 0.00	33.77 -0.94 0.00	32.76 -0.90 0.00	34.84 -0.94 0.00	35.84 -0.94 0.00	35.83 -0.89 0.00	37.35 -0.72 0.00	57.98 -1.22 0.00	34.94 -0.81 0.00	29.04 -0.72 0.00	24.00 -0.60 0.00	28.15 -0.72 0.00	25.26 -0.65 0.00
PROJECT___ORANGE 2 24166	22.24 -0.60 0.00	22.28 -0.66 0.00	22.82 -0.70 0.00	25.23 -0.82 0.00	25.03 -0.78 0.00	31.14 -0.93 0.00	38.36 -1.17 0.00	44.39 -1.29 0.00	100.07 -2.77 0.00	50.88 -1.54 0.00	33.10 -0.95 0.00	38.42 -1.09 0.00	33.77 -0.94 0.00	32.76 -0.90 0.00	34.84 -0.94 0.00	35.84 -0.94 0.00	35.83 -0.89 0.00	37.35 -0.72 0.00	57.98 -1.22 0.00	34.94 -0.81 0.00	29.04 -0.72 0.00	24.00 -0.60 0.00	28.15 -0.72 0.00	25.26 -0.65 0.00
PUCKETT___SOLAR 323809	23.03 0.19 0.00	23.03 0.09 0.00	23.61 0.08 0.00	26.13 0.08 0.00	25.92 0.11 0.00	32.29 0.22 0.00	39.85 0.32 0.00	45.96 0.28 0.00	103.75 0.91 0.00	52.59 0.18 0.00	34.21 0.16 0.00	39.78 0.27 0.00	34.86 0.15 0.00	33.85 0.18 0.00	36.06 0.27 0.00	37.24 0.47 0.00	37.29 0.57 0.00	38.96 0.89 0.00	60.52 1.32 0.00	36.41 0.66 0.00	30.19 0.44 0.00	24.89 0.29 0.00	29.27 0.40 0.00	26.23 0.33 0.00
PYRITES___HYD 24023	23.29 0.45 0.00	23.58 0.64 0.00	24.20 0.68 0.00	26.85 0.80 0.00	26.55 0.74 0.00	33.16 1.10 0.00	41.12 1.59 0.00	47.75 2.07 0.00	107.43 4.58 0.00	55.17 2.75 0.00	35.65 1.60 0.00	41.61 2.10 0.00	36.42 1.71 0.00	35.39 1.72 0.00	37.40 1.61 0.00	38.46 1.69 0.00	38.17 1.45 0.00	38.99 0.92 0.00	60.43 1.23 0.00	36.66 0.91 0.00	30.46 0.71 0.00	25.12 0.51 0.00	29.67 0.80 0.00	26.77 0.86 0.00
QUAKERRD_115KV_BK1 80622	21.14 -1.70 0.00	21.14 -1.80 0.00	21.65 -1.87 0.00	24.00 -2.05 0.00	23.80 -2.01 0.00	29.72 -2.35 0.00	32.82 -2.94 3.77	37.67 -3.42 4.59	95.13 -7.67 0.04	46.46 -4.16 1.80	31.55 -2.49 0.00	36.63 -2.88 0.00	32.18 -2.53 0.00	31.14 -2.53 0.00	33.11 -2.67 0.00	34.13 -2.64 0.00	34.21 -2.51 0.00	35.81 -2.26 0.00	55.40 -3.80 0.00	33.36 -2.39 0.00	27.65 -2.11 0.00	22.86 -1.74 0.00	26.97 -1.90 0.00	24.31 -1.60 0.00
QUENSBRY_115KV_TB8 356137	23.64 0.79 0.00	23.88 0.94 0.00	24.50 0.97 0.00	27.14 1.09 0.00	26.92 1.12 0.00	33.64 1.57 0.00	41.54 2.01 0.00	48.31 2.63 0.00	109.31 6.46 0.00	55.77 3.36 0.00	36.23 2.19 0.00	41.98 2.47 0.00	36.99 2.28 0.00	35.71 2.04 0.00	37.89 2.11 0.00	38.95 2.17 0.00	38.86 2.13 0.00	40.53 2.46 0.00	62.67 3.47 0.00	37.70 1.95 0.00	31.54 1.78 0.00	26.04 1.44 0.00	30.61 1.73 0.00	27.27 1.36 0.00
RAMAPO___LBMP 323565	23.74 0.90 0.00	23.81 0.87 0.00	24.45 0.93 0.00	27.10 1.05 0.00	26.87 1.07 0.00	33.36 1.30 0.00	41.23 1.70 0.00	47.83 2.16 0.00	107.71 4.87 0.00	54.66 2.24 0.00	35.44 1.40 0.00	41.01 1.49 0.00	36.03 1.33 0.00	34.96 1.29 0.00	37.25 1.47 0.00	38.23 1.46 0.00	38.12 1.40 0.00	39.87 1.80 0.00	62.12 2.92 0.00	37.31 1.56 0.00	31.01 1.25 0.00	25.60 1.00 0.00	29.96 1.08 0.00	26.84 0.93 0.00
RANKINE____ 23646	20.91 -1.93 0.00	20.81 -2.13 0.00	21.29 -2.23 0.00	23.66 -2.38 0.00	23.45 -2.36 0.00	29.34 -2.73 0.00	28.65 -3.49 7.40	32.27 -4.16 9.25	93.32 -9.44 0.08	42.36 -5.27 4.78	30.99 -3.05 0.00	36.12 -3.39 0.00	31.67 -3.04 0.00	30.58 -3.09 0.00	32.58 -3.20 0.00	33.70 -3.07 0.00	33.89 -2.83 0.00	35.63 -2.45 0.00	54.98 -4.22 0.00	33.10 -2.65 0.00	27.37 -2.39 0.00	22.66 -1.94 0.00	27.07 -1.80 0.00	24.55 -1.36 0.00
RAVENSWOOD_GT2_1 24244	23.94 1.10 0.00	24.01 1.06 0.00	24.63 1.11 0.00	27.26 1.21 0.00	27.06 1.26 0.00	33.63 1.56 0.00	41.54 2.00 0.00	48.25 2.57 0.00	108.85 6.01 0.00	55.29 2.87 0.00	35.91 1.87 0.00	41.56 2.04 0.00	36.54 1.83 0.00	35.39 1.73 0.00	37.73 1.95 0.00	38.69 1.92 0.00	38.54 1.81 0.00	40.30 2.23 0.00	62.83 3.63 0.00	37.68 1.93 0.00	31.32 1.56 0.00	25.86 1.27 0.00	30.22 1.35 0.00	27.03 1.12 0.00
RAVENSWOOD_GT2_2 24245	23.94 1.10 0.00	24.01 1.06 0.00	24.63 1.11 0.00	27.26 1.21 0.00	27.06 1.26 0.00	33.63 1.56 0.00	41.54 2.00 0.00	48.25 2.57 0.00	108.85 6.01 0.00	55.29 2.87 0.00	35.91 1.87 0.00	41.56 2.04 0.00	36.54 1.83 0.00	35.39 1.73 0.00	37.73 1.95 0.00	38.69 1.92 0.00	38.54 1.81 0.00	40.30 2.23 0.00	62.83 3.63 0.00	37.68 1.93 0.00	31.32 1.56 0.00	25.86 1.27 0.00	30.22 1.35 0.00	27.03 1.12 0.00
RAVENSWOOD_GT2_3 24246	23.94 1.11 0.00	24.02 1.07 0.00	24.64 1.11 0.00	27.27 1.22 0.00	27.07 1.27 0.00	33.65 1.58 0.00	41.55 2.02 0.00	48.27 2.59 0.00	108.90 6.05 0.00	55.31 2.90 0.00	35.94 1.90 0.00	41.57 2.06 0.00	36.55 1.84 0.00	35.41 1.74 0.00	37.74 1.96 0.00	38.71 1.93 0.00	38.56 1.84 0.00	40.32 2.25 0.00	62.85 3.65 0.00	37.70 1.95 0.00	31.33 1.57 0.00	25.88 1.28 0.00	30.24 1.37 0.00	27.04 1.13 0.00
RAVENSWOOD_GT2_4 24247	23.94 1.11 0.00	24.02 1.07 0.00	24.64 1.11 0.00	27.27 1.22 0.00	27.07 1.27 0.00	33.65 1.58 0.00	41.55 2.02 0.00	48.27 2.59 0.00	108.90 6.05 0.00	55.31 2.90 0.00	35.94 1.90 0.00	41.57 2.06 0.00	36.55 1.84 0.00	35.41 1.74 0.00	37.74 1.96 0.00	38.71 1.93 0.00	38.56 1.84 0.00	40.32 2.25 0.00	62.85 3.65 0.00	37.70 1.95 0.00	31.33 1.57 0.00	25.88 1.28 0.00	30.24 1.37 0.00	27.04 1.13 0.00
RAVENSWOOD_GT3_1 24248	23.94 1.10 0.00	24.01 1.07 0.00	24.63 1.11 0.00	27.26 1.21 0.00	27.06 1.26 0.00	33.63 1.56 0.00	41.54 2.00 0.00	48.25 2.57 0.00	108.85 6.01 0.00	55.29 2.87 0.00	35.91 1.87 0.00	41.56 2.04 0.00	36.54 1.83 0.00	35.39 1.73 0.00	37.73 1.95 0.00	38.69 1.92 0.00	38.54 1.81 0.00	40.31 2.24 0.00	62.83 3.63 0.00	37.69 1.94 0.00	31.32 1.56 0.00	25.86 1.27 0.00	30.22 1.35 0.00	27.03 1.12 0.00



RAVENSWOOD_GT3_2 24249	23.94 1.10 0.00	24.01 1.07 0.00	24.63 1.11 0.00	27.26 1.21 0.00	27.06 1.26 0.00	33.63 1.56 0.00	41.54 2.00 0.00	48.25 2.57 0.00	108.85 6.01 0.00	55.29 2.87 0.00	35.91 1.87 0.00	41.56 2.04 0.00	36.54 1.83 0.00	35.39 1.73 0.00	37.73 1.95 0.00	38.69 1.92 0.00	38.54 1.81 0.00	40.31 2.24 0.00	62.83 3.63 0.00	37.69 1.94 0.00	31.32 1.56 0.00	25.86 1.27 0.00	30.22 1.35 0.00	27.03 1.12 0.00
RAVENSWOOD_GT3_3 24250	23.97 1.13 0.00	24.03 1.09 0.00	24.66 1.14 0.00	27.30 1.24 0.00	27.10 1.29 0.00	33.68 1.61 0.00	41.59 2.06 0.00	48.31 2.64 0.00	109.00 6.16 0.00	55.37 2.96 0.00	35.98 1.94 0.00	41.62 2.11 0.00	36.59 1.88 0.00	35.46 1.79 0.00	37.78 2.00 0.00	38.75 1.98 0.00	38.60 1.88 0.00	40.36 2.30 0.00	62.94 3.74 0.00	37.74 1.99 0.00	31.37 1.61 0.00	25.91 1.31 0.00	30.28 1.40 0.00	27.06 1.15 0.00
RAVENSWOOD_GT3_4 24251	23.97 1.13 0.00	24.03 1.09 0.00	24.66 1.14 0.00	27.30 1.24 0.00	27.10 1.29 0.00	33.68 1.61 0.00	41.59 2.06 0.00	48.31 2.64 0.00	109.00 6.16 0.00	55.37 2.96 0.00	35.98 1.94 0.00	41.62 2.11 0.00	36.59 1.88 0.00	35.46 1.79 0.00	37.78 2.00 0.00	38.75 1.98 0.00	38.60 1.88 0.00	40.36 2.30 0.00	62.94 3.74 0.00	37.74 1.99 0.00	31.37 1.61 0.00	25.91 1.31 0.00	30.28 1.40 0.00	27.06 1.15 0.00
RAVENSWOOD_GT_1 23729	23.98 1.14 0.00	24.06 1.12 0.00	24.66 1.13 0.00	27.28 1.23 0.00	27.08 1.28 0.00	33.66 1.59 0.00	41.57 2.04 0.00	50.04 2.63 -1.73	109.05 6.20 0.00	55.40 2.98 0.00	36.01 1.97 0.00	69.53 2.16 -27.85	38.63 1.91 -2.01	44.97 1.81 -9.49	84.28 2.03 -46.47	38.76 1.99 0.00	38.59 1.87 0.00	40.37 2.30 0.00	62.95 3.75 0.00	40.78 2.00 -3.02	36.16 1.62 -4.79	42.16 1.32 -16.23	35.01 1.39 -4.75	27.07 1.16 0.00
RAVENSWOOD_GT_10 24258	23.94 1.10 0.00	24.01 1.06 0.00	24.63 1.11 0.00	27.26 1.21 0.00	27.06 1.26 0.00	33.63 1.56 0.00	41.54 2.00 0.00	48.45 2.57 -0.20	108.86 6.01 0.00	55.28 2.87 0.00	35.91 1.87 0.00	44.77 2.04 -3.21	36.77 1.83 -0.23	36.49 1.73 -1.10	43.10 1.95 -5.36	38.69 1.92 0.00	38.54 1.81 0.00	40.31 2.24 0.00	62.83 3.63 0.00	38.04 1.94 -0.35	31.87 1.56 -0.55	27.74 1.27 -1.87	30.77 1.35 -0.55	27.03 1.13 0.00
RAVENSWOOD_GT_11 24259	23.94 1.10 0.00	24.01 1.06 0.00	24.63 1.11 0.00	27.26 1.21 0.00	27.06 1.26 0.00	33.63 1.56 0.00	41.54 2.00 0.00	48.45 2.57 -0.20	108.86 6.01 0.00	55.28 2.87 0.00	35.91 1.87 0.00	44.77 2.04 -3.21	36.77 1.83 -0.23	36.49 1.73 -1.10	43.10 1.95 -5.36	38.69 1.92 0.00	38.54 1.81 0.00	40.31 2.24 0.00	62.83 3.63 0.00	38.04 1.94 -0.35	31.87 1.56 -0.55	27.74 1.27 -1.87	30.77 1.35 -0.55	27.03 1.13 0.00
RAVENSWOOD_GT_4 24252	23.94 1.10 0.00	24.01 1.07 0.00	24.63 1.11 0.00	27.27 1.22 0.00	27.07 1.27 0.00	33.64 1.57 0.00	41.55 2.02 0.00	49.56 2.57 -1.32	108.86 6.01 0.00	55.29 2.88 0.00	35.92 1.88 0.00	62.76 2.04 -21.21	38.07 1.83 -1.53	42.62 1.72 -7.23	73.11 1.95 -35.38	38.70 1.92 0.00	38.54 1.82 0.00	40.31 2.24 0.00	62.83 3.63 0.00	39.99 1.94 -2.30	34.98 1.57 -3.65	38.23 1.27 -12.36	33.85 1.36 -3.61	27.04 1.13 0.00
RAVENSWOOD_GT_5 24254	23.94 1.10 0.00	24.01 1.07 0.00	24.63 1.11 0.00	27.27 1.22 0.00	27.07 1.27 0.00	33.64 1.57 0.00	41.55 2.02 0.00	49.56 2.57 -1.32	108.86 6.01 0.00	55.29 2.88 0.00	35.92 1.88 0.00	62.76 2.04 -21.21	38.07 1.83 -1.53	42.62 1.72 -7.23	73.11 1.95 -35.38	38.70 1.92 0.00	38.54 1.82 0.00	40.31 2.24 0.00	62.83 3.63 0.00	39.99 1.94 -2.30	34.98 1.57 -3.65	38.23 1.27 -12.36	33.85 1.36 -3.61	27.04 1.13 0.00
RAVENSWOOD_GT_6 24253	23.94 1.10 0.00	24.01 1.07 0.00	24.63 1.11 0.00	27.27 1.22 0.00	27.07 1.27 0.00	33.64 1.57 0.00	41.55 2.02 0.00	49.56 2.57 -1.32	108.86 6.01 0.00	55.29 2.88 0.00	35.92 1.88 0.00	62.76 2.04 -21.21	38.07 1.83 -1.53	42.62 1.72 -7.23	73.11 1.95 -35.38	38.70 1.92 0.00	38.54 1.82 0.00	40.31 2.24 0.00	62.83 3.63 0.00	39.99 1.94 -2.30	34.98 1.57 -3.65	38.23 1.27 -12.36	33.85 1.36 -3.61	27.04 1.13 0.00
RAVENSWOOD_GT_7 24255	23.94 1.10 0.00	24.01 1.07 0.00	24.63 1.11 0.00	27.27 1.22 0.00	27.07 1.27 0.00	33.64 1.57 0.00	41.55 2.02 0.00	49.56 2.57 -1.32	108.86 6.01 0.00	55.29 2.88 0.00	35.92 1.88 0.00	62.76 2.04 -21.21	38.07 1.83 -1.53	42.62 1.72 -7.23	73.11 1.95 -35.38	38.70 1.92 0.00	38.54 1.82 0.00	40.31 2.24 0.00	62.83 3.63 0.00	39.99 1.94 -2.30	34.98 1.57 -3.65	38.23 1.27 -12.36	33.85 1.36 -3.61	27.04 1.13 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	23.94 1.10 0.00	24.01 1.06 0.00	24.63 1.11 0.00	27.26 1.21 0.00	27.06 1.26 0.00	33.63 1.56 0.00	41.54 2.00 0.00	48.45 2.57 -0.20	108.86 6.01 0.00	55.28 2.87 0.00	35.91 1.87 0.00	44.77 2.04 -3.21	36.77 1.83 -0.23	36.49 1.73 -1.10	43.10 1.95 -5.36	38.69 1.92 0.00	38.54 1.81 0.00	40.31 2.24 0.00	62.83 3.63 0.00	38.04 1.94 -0.35	31.87 1.56 -0.55	27.74 1.27 -1.87	30.77 1.35 -0.55	27.03 1.13 0.00
RAVENSWOOD_GT_9 24257	23.94 1.10 0.00	24.01 1.06 0.00	24.63 1.11 0.00	27.26 1.21 0.00	27.06 1.26 0.00	33.63 1.56 0.00	41.54 2.00 0.00	48.45 2.57 -0.20	108.86 6.01 0.00	55.28 2.87 0.00	35.91 1.87 0.00	44.77 2.04 -3.21	36.77 1.83 -0.23	36.49 1.73 -1.10	43.10 1.95 -5.36	38.69 1.92 0.00	38.54 1.81 0.00	40.31 2.24 0.00	62.83 3.63 0.00	38.04 1.94 -0.35	31.87 1.56 -0.55	27.74 1.27 -1.87	30.77 1.35 -0.55	27.03 1.13 0.00
RAVENSWOOD___1 23533	23.93 1.10 0.00	24.03 1.09 0.00	24.62 1.10 0.00	27.24 1.19 0.00	27.04 1.24 0.00	33.62 1.56 0.00	41.53 2.00 0.00	46.54 2.56 1.70	108.89 6.04 0.00	55.30 2.89 0.00	35.94 1.90 0.00	14.17 2.08 27.42	34.58 1.84 1.98	26.07 1.74 9.35	-8.01 1.97 45.76	38.69 1.92 0.00	38.54 1.82 0.00	40.31 2.24 0.00	62.86 3.66 0.00	34.71 1.94 2.97	26.61 1.57 4.72	9.89 1.28 15.98	25.54 1.34 4.67	27.02 1.11 0.00
RAVENSWOOD___2 23534	23.93 1.10 0.00	24.03 1.09 0.00	24.62 1.10 0.00	27.24 1.19 0.00	27.04 1.24 0.00	33.62 1.56 0.00	41.53 2.00 0.00	46.54 2.56 1.70	108.89 6.04 0.00	55.30 2.89 0.00	35.94 1.90 0.00	14.17 2.08 27.42	34.58 1.84 1.98	26.07 1.74 9.35	-8.01 1.97 45.76	38.69 1.92 0.00	38.54 1.82 0.00	40.31 2.24 0.00	62.86 3.66 0.00	34.71 1.94 2.97	26.61 1.57 4.72	9.89 1.28 15.98	25.54 1.34 4.67	27.02 1.11 0.00
RAVENSWOOD___3 23535	23.93 1.09 0.00	24.02 1.08 0.00	24.63 1.11 0.00	27.26 1.21 0.00	27.06 1.26 0.00	33.63 1.57 0.00	41.54 2.00 0.00	48.24 2.57 0.00	108.86 6.02 0.00	55.28 2.87 0.00	35.91 1.87 0.00	41.55 2.04 0.00	36.54 1.83 0.00	35.39 1.72 0.00	37.73 1.94 0.00	38.69 1.92 0.00	38.54 1.82 0.00	40.30 2.23 0.00	62.85 3.65 0.00	37.69 1.93 0.00	31.33 1.57 0.00	25.87 1.27 0.00	30.22 1.35 0.00	27.03 1.12 0.00

RAVENSWOOD___4 23820	23.93 1.10 0.00	24.03 1.09 0.00	24.62 1.10 0.00	27.24 1.19 0.00	27.04 1.24 0.00	33.62 1.56 0.00	41.53 2.00 0.00	46.54 2.56 1.70	108.89 6.04 0.00	55.30 2.89 0.00	35.94 1.90 0.00	14.17 2.08 27.42	34.58 1.84 1.98	26.07 1.74 9.35	-8.01 1.97 45.76	38.69 1.92 0.00	38.54 1.82 0.00	40.31 2.24 0.00	62.86 3.66 0.00	34.71 1.94 2.97	26.61 1.57 4.72	9.89 1.28 15.98	25.54 1.34 4.67	27.02 1.11 0.00
RCPI_TRUST___DRP 24196	23.96 1.12 0.00	24.03 1.09 0.00	24.65 1.13 0.00	27.28 1.23 0.00	27.09 1.29 0.00	33.68 1.62 0.00	41.59 2.06 0.00	48.32 2.64 0.00	109.03 6.18 0.00	55.38 2.97 0.00	35.99 1.94 0.00	41.63 2.11 0.00	36.60 1.89 0.00	35.46 1.79 0.00	37.80 2.02 0.00	38.76 1.98 0.00	38.61 1.89 0.00	40.37 2.30 0.00	62.95 3.75 0.00	37.74 1.99 0.00	31.36 1.60 0.00	25.90 1.30 0.00	30.27 1.40 0.00	27.06 1.15 0.00
RED___ROCHESTER 323720	21.56 -1.28 0.00	21.50 -1.44 0.00	22.03 -1.49 0.00	24.43 -1.62 0.00	24.23 -1.57 0.00	30.30 -1.77 0.00	33.12 -2.23 4.18	37.95 -2.60 5.13	96.90 -5.90 0.05	47.14 -3.26 2.01	32.18 -1.86 0.00	37.38 -2.13 0.00	32.82 -1.89 0.00	31.72 -1.95 0.00	33.76 -2.02 0.00	34.81 -1.96 0.00	34.94 -1.78 0.00	36.62 -1.45 0.00	56.58 -2.62 0.00	34.06 -1.69 0.00	28.19 -1.57 0.00	23.30 -1.30 0.00	27.56 -1.32 0.00	24.86 -1.05 0.00
REGAN___SOLAR 323812	24.93 2.09 0.00	24.99 2.05 0.00	25.59 2.07 0.00	28.31 2.26 0.00	28.11 2.31 0.00	35.22 3.16 0.00	43.86 4.32 0.00	50.87 5.19 0.00	114.15 11.31 0.00	57.98 5.57 0.00	37.74 3.69 0.00	43.72 4.21 0.00	38.38 3.67 0.00	37.11 3.45 0.00	39.48 3.70 0.00	40.80 4.03 0.00	41.00 4.27 0.00	42.88 4.81 0.00	66.57 7.37 0.00	40.11 4.36 0.00	33.17 3.41 0.00	27.34 2.75 0.00	31.96 3.08 0.00	28.52 2.62 0.00
RENSSELAER___COGEN 23796	23.15 0.31 0.00	23.22 0.27 0.00	23.82 0.30 0.00	26.40 0.35 0.00	26.18 0.37 0.00	32.48 0.41 0.00	40.00 0.46 0.00	46.42 0.74 0.00	104.57 1.73 0.00	53.22 0.80 0.00	34.51 0.47 0.00	39.95 0.43 0.00	35.17 0.46 0.00	34.01 0.34 0.00	36.18 0.40 0.00	37.14 0.37 0.00	37.03 0.31 0.00	38.59 0.52 0.00	59.92 0.72 0.00	36.11 0.35 0.00	30.14 0.38 0.00	24.93 0.34 0.00	29.26 0.39 0.00	26.22 0.31 0.00
REPUBLIC_115KV_BARTNBRK 55605	24.19 1.35 0.00	24.55 1.61 0.00	25.19 1.66 0.00	27.93 1.88 0.00	27.68 1.88 0.00	34.92 2.86 0.00	43.06 3.53 0.00	50.08 4.40 0.00	113.34 10.49 0.00	57.76 5.35 0.00	37.61 3.56 0.00	43.58 4.07 0.00	38.47 3.76 0.00	37.09 3.42 0.00	39.63 3.84 0.00	40.75 3.98 0.00	40.66 3.93 0.00	42.46 4.39 0.00	65.22 6.02 0.00	39.19 3.44 0.00	33.01 3.26 0.00	27.25 2.65 0.00	31.84 2.96 0.00	28.23 2.32 0.00
REVERE_CPPR_DRP 24186	23.38 0.54 0.00	23.44 0.50 0.00	24.02 0.50 0.00	26.54 0.49 0.00	26.32 0.51 0.00	32.88 0.81 0.00	40.71 1.18 0.00	47.12 1.45 0.00	106.45 3.61 0.00	54.24 1.83 0.00	35.20 1.16 0.00	40.83 1.32 0.00	35.91 1.20 0.00	34.90 1.23 0.00	37.10 1.31 0.00	38.14 1.37 0.00	38.19 1.47 0.00	39.79 1.72 0.00	61.74 2.54 0.00	37.23 1.48 0.00	30.93 1.17 0.00	25.52 0.92 0.00	29.89 1.01 0.00	26.73 0.82 0.00
REYNOLDS_115KV_TB3 80639	23.38 0.54 0.00	23.46 0.52 0.00	24.08 0.56 0.00	26.69 0.64 0.00	26.46 0.66 0.00	32.81 0.75 0.00	40.38 0.84 0.00	46.83 1.15 0.00	105.53 2.68 0.00	53.70 1.28 0.00	34.82 0.77 0.00	40.29 0.78 0.00	35.48 0.77 0.00	34.29 0.62 0.00	36.48 0.70 0.00	37.45 0.67 0.00	37.30 0.57 0.00	38.87 0.80 0.00	60.34 1.14 0.00	36.37 0.61 0.00	30.39 0.63 0.00	25.14 0.54 0.00	29.51 0.64 0.00	26.43 0.53 0.00
RIVERBAY____ 323610	23.92 1.08 0.00	24.06 1.12 0.00	24.63 1.11 0.00	27.30 1.26 0.00	27.11 1.30 0.00	33.69 1.63 0.00	41.62 2.09 0.00	48.38 2.71 0.00	109.17 6.33 0.00	55.38 2.97 0.00	36.04 2.00 0.00	41.68 2.17 0.00	36.62 1.91 0.00	35.41 1.74 0.00	37.79 2.01 0.00	38.72 1.95 0.00	38.49 1.76 0.00	40.29 2.22 0.00	62.87 3.67 0.00	37.69 1.94 0.00	31.32 1.57 0.00	25.90 1.30 0.00	30.24 1.37 0.00	27.06 1.15 0.00
RIVERSDE_115KV_TB3 55908	23.23 0.39 0.00	23.28 0.34 0.00	23.90 0.38 0.00	26.48 0.43 0.00	26.26 0.46 0.00	32.58 0.51 0.00	40.12 0.59 0.00	46.56 0.88 0.00	104.91 2.07 0.00	53.39 0.98 0.00	34.63 0.58 0.00	40.07 0.56 0.00	35.29 0.58 0.00	34.18 0.51 0.00	36.37 0.59 0.00	37.35 0.58 0.00	37.21 0.49 0.00	38.78 0.71 0.00	60.21 1.01 0.00	36.28 0.53 0.00	30.30 0.54 0.00	25.06 0.46 0.00	29.41 0.54 0.00	26.34 0.43 0.00
ROARING___BROOK_WT_PWR 323790	22.73 -0.11 0.00	22.88 -0.06 0.00	23.45 -0.07 0.00	25.95 -0.10 0.00	25.65 -0.15 0.00	31.94 -0.12 0.00	39.39 -0.14 0.00	45.49 -0.18 0.00	102.43 -0.41 0.00	52.31 -0.10 0.00	33.96 -0.08 0.00	39.52 0.01 0.00	34.77 0.06 0.00	33.74 0.07 0.00	35.76 -0.03 0.00	36.78 0.00 0.00	36.79 0.07 0.00	38.02 -0.05 0.00	59.09 -0.11 0.00	35.77 0.02 0.00	29.79 0.03 0.00	24.62 0.02 0.00	28.95 0.08 0.00	25.99 0.08 0.00
ROCHESRG_115KV_T4 355643	21.33 -1.51 0.00	21.32 -1.62 0.00	21.82 -1.70 0.00	24.20 -1.85 0.00	23.99 -1.81 0.00	29.99 -2.08 0.00	32.78 -2.64 4.11	37.50 -3.13 5.05	95.70 -7.10 0.05	46.40 -3.87 2.14	31.77 -2.28 0.00	36.90 -2.61 0.00	32.40 -2.31 0.00	31.33 -2.34 0.00	33.33 -2.45 0.00	34.37 -2.40 0.00	34.49 -2.23 0.00	36.12 -1.95 0.00	55.83 -3.37 0.00	33.62 -2.13 0.00	27.84 -1.91 0.00	23.03 -1.57 0.00	27.26 -1.62 0.00	24.60 -1.31 0.00
ROCHESTER_9_IC 23652	21.45 -1.39 0.00	21.44 -1.51 0.00	21.94 -1.59 0.00	24.33 -1.72 0.00	24.13 -1.68 0.00	30.16 -1.91 0.00	32.94 -2.41 4.18	37.70 -2.84 5.13	96.37 -6.42 0.05	46.85 -3.55 2.01	32.00 -2.05 0.00	37.17 -2.34 0.00	32.64 -2.07 0.00	31.55 -2.12 0.00	33.56 -2.22 0.00	34.62 -2.16 0.00	34.74 -1.98 0.00	36.39 -1.68 0.00	56.24 -2.96 0.00	33.86 -1.90 0.00	28.03 -1.73 0.00	23.19 -1.42 0.00	27.42 -1.45 0.00	24.74 -1.17 0.00
ROCKVIEW_13_KV_LD 356306	24.00 1.16 0.00	24.06 1.12 0.00	24.69 1.17 0.00	27.34 1.29 0.00	27.13 1.32 0.00	33.71 1.64 0.00	41.66 2.13 0.00	48.33 2.66 0.00	108.88 6.03 0.00	55.28 2.87 0.00	35.92 1.88 0.00	41.55 2.04 0.00	36.54 1.84 0.00	35.42 1.75 0.00	37.74 1.96 0.00	38.70 1.93 0.00	38.57 1.85 0.00	40.35 2.29 0.00	62.87 3.67 0.00	37.74 1.99 0.00	31.38 1.62 0.00	25.90 1.31 0.00	30.29 1.42 0.00	27.10 1.19 0.00
ROME____115KV_TB2 80656	23.38 0.54 0.00	23.44 0.50 0.00	24.02 0.50 0.00	26.54 0.49 0.00	26.32 0.51 0.00	32.88 0.81 0.00	40.71 1.18 0.00	47.12 1.45 0.00	106.45 3.61 0.00	54.24 1.83 0.00	35.20 1.16 0.00	40.83 1.32 0.00	35.91 1.20 0.00	34.90 1.23 0.00	37.10 1.31 0.00	38.14 1.37 0.00	38.19 1.47 0.00	39.79 1.72 0.00	61.74 2.54 0.00	37.23 1.48 0.00	30.93 1.17 0.00	25.52 0.92 0.00	29.89 1.01 0.00	26.73 0.82 0.00

ROSETON___1 23587	23.71 0.87 0.00	23.80 0.86 0.00	24.42 0.89 0.00	27.04 1.00 0.00	26.82 1.02 0.00	33.31 1.25 0.00	41.13 1.60 0.00	47.71 2.04 0.00	107.44 4.60 0.00	54.56 2.15 0.00	35.42 1.37 0.00	40.96 1.45 0.00	36.03 1.32 0.00	34.91 1.25 0.00	37.18 1.40 0.00	38.15 1.38 0.00	38.04 1.32 0.00	39.77 1.70 0.00	61.88 2.68 0.00	37.19 1.44 0.00	30.96 1.20 0.00	25.56 0.96 0.00	29.91 1.04 0.00	26.79 0.88 0.00
ROSETON___2 23588	23.71 0.87 0.00	23.80 0.86 0.00	24.42 0.89 0.00	27.04 1.00 0.00	26.82 1.02 0.00	33.31 1.25 0.00	41.13 1.60 0.00	47.71 2.04 0.00	107.44 4.60 0.00	54.56 2.15 0.00	35.42 1.37 0.00	40.96 1.45 0.00	36.03 1.32 0.00	34.91 1.25 0.00	37.18 1.40 0.00	38.15 1.38 0.00	38.04 1.32 0.00	39.77 1.70 0.00	61.88 2.68 0.00	37.19 1.44 0.00	30.96 1.20 0.00	25.56 0.96 0.00	29.91 1.04 0.00	26.79 0.88 0.00
ROTTRDAM_115KV_TB3 80664	23.43 0.60 0.00	23.55 0.61 0.00	24.15 0.63 0.00	26.76 0.71 0.00	26.53 0.72 0.00	32.95 0.89 0.00	40.66 1.13 0.00	47.22 1.54 0.00	106.39 3.54 0.00	54.14 1.72 0.00	35.16 1.12 0.00	40.72 1.21 0.00	35.82 1.11 0.00	34.61 0.94 0.00	36.79 1.00 0.00	37.80 1.03 0.00	37.72 1.00 0.00	39.29 1.23 0.00	61.02 1.82 0.00	36.77 1.02 0.00	30.64 0.88 0.00	25.32 0.72 0.00	29.70 0.82 0.00	26.59 0.68 0.00
RUSSELL___1 23602	21.55 -1.29 0.00	21.53 -1.42 0.00	22.03 -1.49 0.00	24.43 -1.62 0.00	24.23 -1.57 0.00	30.30 -1.77 0.00	33.11 -2.24 4.18	37.94 -2.61 5.13	96.89 -5.91 0.05	47.14 -3.27 2.01	32.17 -1.87 0.00	37.38 -2.14 0.00	32.82 -1.89 0.00	31.73 -1.94 0.00	33.76 -2.03 0.00	34.82 -1.96 0.00	34.95 -1.77 0.00	36.61 -1.46 0.00	56.59 -2.61 0.00	34.06 -1.69 0.00	28.20 -1.56 0.00	23.31 -1.29 0.00	27.56 -1.31 0.00	24.86 -1.05 0.00
RUSSELL___2 23532	21.55 -1.29 0.00	21.53 -1.42 0.00	22.03 -1.49 0.00	24.43 -1.62 0.00	24.23 -1.57 0.00	30.30 -1.77 0.00	33.11 -2.24 4.18	37.94 -2.61 5.13	96.89 -5.91 0.05	47.14 -3.27 2.01	32.17 -1.87 0.00	37.38 -2.14 0.00	32.82 -1.89 0.00	31.73 -1.94 0.00	33.76 -2.03 0.00	34.82 -1.96 0.00	34.95 -1.77 0.00	36.61 -1.46 0.00	56.59 -2.61 0.00	34.06 -1.69 0.00	28.20 -1.56 0.00	23.31 -1.29 0.00	27.56 -1.31 0.00	24.86 -1.05 0.00
RUSSELL___3 23549	21.55 -1.29 0.00	21.53 -1.42 0.00	22.03 -1.49 0.00	24.43 -1.62 0.00	24.23 -1.57 0.00	30.30 -1.77 0.00	33.11 -2.24 4.18	37.94 -2.61 5.13	96.89 -5.91 0.05	47.14 -3.27 2.01	32.17 -1.87 0.00	37.38 -2.14 0.00	32.82 -1.89 0.00	31.73 -1.94 0.00	33.76 -2.03 0.00	34.82 -1.96 0.00	34.95 -1.77 0.00	36.61 -1.46 0.00	56.59 -2.61 0.00	34.06 -1.69 0.00	28.20 -1.56 0.00	23.31 -1.29 0.00	27.56 -1.31 0.00	24.86 -1.05 0.00
RUSSELL___4 23556	21.55 -1.29 0.00	21.53 -1.42 0.00	22.03 -1.49 0.00	24.43 -1.62 0.00	24.23 -1.57 0.00	30.30 -1.77 0.00	33.11 -2.24 4.18	37.94 -2.61 5.13	96.89 -5.91 0.05	47.14 -3.27 2.01	32.17 -1.87 0.00	37.38 -2.14 0.00	32.82 -1.89 0.00	31.73 -1.94 0.00	33.76 -2.03 0.00	34.82 -1.96 0.00	34.95 -1.77 0.00	36.61 -1.46 0.00	56.59 -2.61 0.00	34.06 -1.69 0.00	28.20 -1.56 0.00	23.31 -1.29 0.00	27.56 -1.31 0.00	24.86 -1.05 0.00
RUSSELL___STATION 23914	21.55 -1.29 0.00	21.53 -1.42 0.00	22.03 -1.49 0.00	24.43 -1.62 0.00	24.23 -1.57 0.00	30.30 -1.77 0.00	33.11 -2.24 4.18	37.94 -2.61 5.13	96.89 -5.91 0.05	47.14 -3.27 2.01	32.17 -1.87 0.00	37.38 -2.14 0.00	32.82 -1.89 0.00	31.73 -1.94 0.00	33.76 -2.03 0.00	34.82 -1.96 0.00	34.95 -1.77 0.00	36.61 -1.46 0.00	56.59 -2.61 0.00	34.06 -1.69 0.00	28.20 -1.56 0.00	23.31 -1.29 0.00	27.56 -1.31 0.00	24.86 -1.05 0.00
S SALMON___HYD 24043	21.92 -0.93 0.00	21.98 -0.96 0.00	22.55 -0.97 0.00	24.87 -1.18 0.00	24.69 -1.11 0.00	30.78 -1.29 0.00	37.97 -1.57 0.00	43.96 -1.71 0.00	99.33 -3.52 0.00	50.62 -1.79 0.00	32.84 -1.21 0.00	38.15 -1.37 0.00	33.59 -1.12 0.00	32.58 -1.09 0.00	34.64 -1.14 0.00	35.70 -1.08 0.00	35.76 -0.96 0.00	37.33 -0.74 0.00	57.95 -1.25 0.00	34.95 -0.80 0.00	29.04 -0.72 0.00	23.98 -0.62 0.00	28.09 -0.79 0.00	25.16 -0.75 0.00
S.PERRY__115KV_TB1 80734	21.94 -0.90 0.00	21.91 -1.03 0.00	22.38 -1.14 0.00	24.85 -1.20 0.00	24.71 -1.09 0.00	30.73 -1.33 0.00	26.83 -1.54 11.16	30.24 -1.52 13.92	99.61 -3.11 0.13	48.79 -1.91 1.72	33.06 -0.98 0.00	38.43 -1.09 0.00	33.75 -0.96 0.00	32.58 -1.09 0.00	34.83 -0.95 0.00	36.06 -0.71 0.00	36.28 -0.44 0.00	38.02 -0.05 0.00	58.80 -0.40 0.00	35.42 -0.34 0.00	29.27 -0.49 0.00	24.16 -0.44 0.00	28.62 -0.25 0.00	25.77 -0.14 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	20.60 -2.24 0.00	20.53 -2.41 0.00	21.00 -2.52 0.00	23.35 -2.70 0.00	23.14 -2.67 0.00	28.96 -3.11 0.00	28.60 -4.02 6.91	32.20 -4.85 8.62	91.62 -11.15 0.08	41.82 -6.11 4.48	30.46 -3.59 0.00	35.46 -4.05 0.00	31.10 -3.61 0.00	29.99 -3.68 0.00	31.93 -3.86 0.00	33.04 -3.74 0.00	33.23 -3.49 0.00	34.94 -3.13 0.00	53.85 -5.36 0.00	32.43 -3.33 0.00	26.82 -2.94 0.00	22.22 -2.38 0.00	26.56 -2.31 0.00	24.13 -1.78 0.00
SAWYER___23_KV_LOAD 55526	20.60 -2.24 0.00	20.53 -2.41 0.00	21.00 -2.52 0.00	23.35 -2.70 0.00	23.14 -2.67 0.00	28.96 -3.11 0.00	28.60 -4.02 6.91	32.20 -4.85 8.62	91.62 -11.15 0.08	41.82 -6.11 4.48	30.46 -3.59 0.00	35.46 -4.05 0.00	31.10 -3.61 0.00	29.99 -3.68 0.00	31.93 -3.86 0.00	33.04 -3.74 0.00	33.23 -3.49 0.00	34.94 -3.13 0.00	53.85 -5.36 0.00	32.43 -3.33 0.00	26.82 -2.94 0.00	22.22 -2.38 0.00	26.56 -2.31 0.00	24.13 -1.78 0.00
SELKIRK___I 23801	23.36 0.52 0.00	23.44 0.50 0.00	24.05 0.53 0.00	26.64 0.59 0.00	26.42 0.62 0.00	32.77 0.70 0.00	40.38 0.85 0.00	46.85 1.17 0.00	105.50 2.66 0.00	53.68 1.26 0.00	34.82 0.77 0.00	40.32 0.80 0.00	35.49 0.78 0.00	34.31 0.64 0.00	36.48 0.70 0.00	37.46 0.69 0.00	37.39 0.67 0.00	38.97 0.90 0.00	60.49 1.29 0.00	36.47 0.72 0.00	30.42 0.66 0.00	25.15 0.56 0.00	29.53 0.65 0.00	26.47 0.56 0.00
SELKIRK___II 23799	23.24 0.40 0.00	23.32 0.38 0.00	23.93 0.41 0.00	26.51 0.46 0.00	26.29 0.48 0.00	32.61 0.54 0.00	40.19 0.65 0.00	46.63 0.95 0.00	105.01 2.17 0.00	53.44 1.03 0.00	34.66 0.62 0.00	40.13 0.61 0.00	35.32 0.61 0.00	34.17 0.50 0.00	36.33 0.55 0.00	37.30 0.53 0.00	37.20 0.48 0.00	38.77 0.70 0.00	60.22 1.01 0.00	36.28 0.53 0.00	30.27 0.51 0.00	25.03 0.43 0.00	29.37 0.50 0.00	26.31 0.40 0.00
SENECA OSWGO___HYD 24041	22.04 -0.81 0.00	22.07 -0.87 0.00	22.62 -0.91 0.00	25.00 -1.05 0.00	24.81 -1.00 0.00	30.86 -1.21 0.00	38.05 -1.48 0.00	44.03 -1.65 0.00	99.19 -3.65 0.00	50.46 -1.95 0.00	32.81 -1.23 0.00	38.09 -1.43 0.00	33.48 -1.23 0.00	32.49 -1.18 0.00	34.53 -1.25 0.00	35.54 -1.24 0.00	35.53 -1.19 0.00	37.04 -1.03 0.00	57.50 -1.70 0.00	34.66 -1.09 0.00	28.82 -0.94 0.00	23.82 -0.77 0.00	27.92 -0.95 0.00	25.05 -0.86 0.00

SENECA___115KV_TB3 355854	20.95 -1.89 0.00	20.85 -2.09 0.00	21.32 -2.20 0.00	23.70 -2.35 0.00	23.49 -2.32 0.00	29.40 -2.67 0.00	28.71 -3.42 7.40	32.35 -4.08 9.25	93.55 -9.21 0.08	42.48 -5.15 4.78	31.07 -2.98 0.00	36.22 -3.29 0.00	31.75 -2.96 0.00	30.66 -3.01 0.00	32.67 -3.11 0.00	33.80 -2.97 0.00	33.98 -2.75 0.00	35.71 -2.36 0.00	55.11 -4.09 0.00	33.18 -2.57 0.00	27.43 -2.33 0.00	22.72 -1.88 0.00	27.13 -1.74 0.00	24.60 -1.31 0.00
SENECA___ENERGY 23797	22.15 -0.69 0.00	22.13 -0.81 0.00	22.68 -0.85 0.00	25.11 -0.94 0.00	24.90 -0.91 0.00	31.01 -1.05 0.00	36.87 -1.24 1.43	44.36 -1.31 0.00	100.06 -2.78 0.00	50.84 -1.66 -0.08	33.12 -0.93 0.00	38.43 -1.08 0.00	33.77 -0.94 0.00	32.77 -0.89 0.00	34.81 -0.97 0.00	35.83 -0.94 0.00	35.88 -0.84 0.00	37.50 -0.56 0.00	58.26 -0.94 0.00	35.07 -0.68 0.00	29.11 -0.64 0.00	24.06 -0.54 0.00	28.24 -0.63 0.00	25.35 -0.55 0.00
SHOEMAKER___GT 23640	23.62 0.77 0.00	23.70 0.75 0.00	24.31 0.78 0.00	26.93 0.88 0.00	26.70 0.90 0.00	33.16 1.09 0.00	40.95 1.42 0.00	47.45 1.78 0.00	106.89 4.05 0.00	54.30 1.88 0.00	35.24 1.20 0.00	40.79 1.28 0.00	35.84 1.13 0.00	34.74 1.07 0.00	36.99 1.21 0.00	38.01 1.24 0.00	37.90 1.18 0.00	39.62 1.55 0.00	61.66 2.46 0.00	37.07 1.31 0.00	30.84 1.08 0.00	25.47 0.87 0.00	29.81 0.93 0.00	26.71 0.80 0.00
SHOEMAKR_138KV_BK 111 55601	23.61 0.77 0.00	23.68 0.74 0.00	24.30 0.78 0.00	26.92 0.88 0.00	26.70 0.89 0.00	33.15 1.08 0.00	40.95 1.41 0.00	47.45 1.78 0.00	106.89 4.05 0.00	54.29 1.88 0.00	35.23 1.18 0.00	40.78 1.26 0.00	35.83 1.12 0.00	34.74 1.07 0.00	36.99 1.21 0.00	37.99 1.22 0.00	37.90 1.18 0.00	39.61 1.54 0.00	61.64 2.44 0.00	37.07 1.31 0.00	30.83 1.07 0.00	25.46 0.86 0.00	29.80 0.93 0.00	26.70 0.79 0.00
SHOREHAM_IC_1 23715	24.41 1.57 0.00	24.56 1.62 0.00	25.21 1.69 0.00	48.67 2.02 -20.59	27.71 1.91 0.00	38.89 2.20 -4.62	101.84 3.54 -58.77	66.28 3.96 -16.64	110.37 7.52 0.00	55.61 3.20 0.00	36.46 2.42 0.00	41.59 2.08 0.00	36.69 1.95 -0.03	37.76 2.13 -1.97	40.82 2.72 -2.32	41.78 2.58 -2.43	38.99 2.27 0.00	40.80 2.73 0.00	63.58 4.38 0.00	37.87 2.12 0.00	38.05 2.14 -6.15	26.22 1.62 0.00	30.66 1.78 0.00	27.44 1.53 0.00
SHOREHAM_IC_2 23716	24.41 1.57 0.00	24.56 1.62 0.00	25.21 1.69 0.00	48.67 2.02 -20.59	27.71 1.91 0.00	38.89 2.20 -4.62	101.84 3.54 -58.77	66.28 3.96 -16.64	110.37 7.52 0.00	55.61 3.20 0.00	36.46 2.42 0.00	41.59 2.08 0.00	36.69 1.95 -0.03	37.76 2.13 -1.97	40.82 2.72 -2.32	41.78 2.58 -2.43	38.99 2.27 0.00	40.80 2.73 0.00	63.58 4.38 0.00	37.87 2.12 0.00	38.05 2.14 -6.15	26.22 1.62 0.00	30.66 1.78 0.00	27.44 1.53 0.00
SISSONVILLE____ 23735	22.76 -0.08 0.00	23.07 0.13 0.00	23.67 0.15 0.00	26.25 0.20 0.00	25.93 0.12 0.00	32.36 0.29 0.00	40.17 0.63 0.00	46.61 0.94 0.00	104.96 2.12 0.00	53.94 1.53 0.00	34.87 0.82 0.00	40.72 1.21 0.00	35.60 0.89 0.00	34.56 0.89 0.00	36.45 0.67 0.00	37.46 0.69 0.00	37.11 0.38 0.00	37.92 -0.15 0.00	58.80 -0.40 0.00	35.67 -0.08 0.00	29.67 -0.09 0.00	24.48 -0.12 0.00	28.93 0.05 0.00	26.14 0.24 0.00
SITHE_IND_GS1 24169	21.86 -0.98 0.00	21.91 -1.03 0.00	22.45 -1.07 0.00	24.81 -1.24 0.00	24.60 -1.20 0.00	30.58 -1.48 0.00	37.69 -1.84 0.00	43.58 -2.10 0.00	98.15 -4.70 0.00	49.93 -2.48 0.00	32.48 -1.57 0.00	37.70 -1.82 0.00	33.12 -1.59 0.00	32.13 -1.53 0.00	34.16 -1.62 0.00	35.13 -1.64 0.00	35.12 -1.60 0.00	36.56 -1.51 0.00	56.76 -2.44 0.00	34.24 -1.52 0.00	28.47 -1.28 0.00	23.57 -1.03 0.00	27.63 -1.24 0.00	24.80 -1.11 0.00
SITHE_IND_GS2 24170	21.86 -0.98 0.00	21.91 -1.03 0.00	22.45 -1.07 0.00	24.81 -1.24 0.00	24.60 -1.20 0.00	30.58 -1.48 0.00	37.69 -1.84 0.00	43.58 -2.10 0.00	98.15 -4.70 0.00	49.93 -2.48 0.00	32.48 -1.57 0.00	37.70 -1.82 0.00	33.12 -1.59 0.00	32.13 -1.53 0.00	34.16 -1.62 0.00	35.13 -1.64 0.00	35.12 -1.60 0.00	36.56 -1.51 0.00	56.76 -2.44 0.00	34.24 -1.52 0.00	28.47 -1.28 0.00	23.57 -1.03 0.00	27.63 -1.24 0.00	24.80 -1.11 0.00
SITHE_IND_GS3 24171	21.86 -0.98 0.00	21.91 -1.03 0.00	22.45 -1.07 0.00	24.81 -1.24 0.00	24.60 -1.20 0.00	30.58 -1.48 0.00	37.69 -1.84 0.00	43.58 -2.10 0.00	98.15 -4.70 0.00	49.93 -2.48 0.00	32.48 -1.57 0.00	37.70 -1.82 0.00	33.12 -1.59 0.00	32.13 -1.53 0.00	34.16 -1.62 0.00	35.13 -1.64 0.00	35.12 -1.60 0.00	36.56 -1.51 0.00	56.76 -2.44 0.00	34.24 -1.52 0.00	28.47 -1.28 0.00	23.57 -1.03 0.00	27.63 -1.24 0.00	24.80 -1.11 0.00
SITHE_IND_GS4 24172	21.86 -0.98 0.00	21.91 -1.03 0.00	22.45 -1.07 0.00	24.81 -1.24 0.00	24.60 -1.20 0.00	30.58 -1.48 0.00	37.69 -1.84 0.00	43.58 -2.10 0.00	98.15 -4.70 0.00	49.93 -2.48 0.00	32.48 -1.57 0.00	37.70 -1.82 0.00	33.12 -1.59 0.00	32.13 -1.53 0.00	34.16 -1.62 0.00	35.13 -1.64 0.00	35.12 -1.60 0.00	36.56 -1.51 0.00	56.76 -2.44 0.00	34.24 -1.52 0.00	28.47 -1.28 0.00	23.57 -1.03 0.00	27.63 -1.24 0.00	24.80 -1.11 0.00
SITHE___BATAVIA 24024	21.30 -1.54 0.00	21.16 -1.78 0.00	21.69 -1.83 0.00	24.10 -1.95 0.00	23.91 -1.90 0.00	29.99 -2.08 0.00	31.44 -2.56 5.53	35.75 -3.06 6.87	95.48 -7.30 0.06	45.05 -4.06 3.31	31.75 -2.29 0.00	36.89 -2.63 0.00	32.37 -2.34 0.00	31.23 -2.44 0.00	33.26 -2.52 0.00	34.36 -2.41 0.00	34.55 -2.17 0.00	36.33 -1.74 0.00	55.91 -3.29 0.00	33.66 -2.09 0.00	27.80 -1.95 0.00	22.98 -1.62 0.00	27.34 -1.53 0.00	24.79 -1.12 0.00
SITHE___INDEPEND 23800	21.86 -0.98 0.00	21.92 -1.02 0.00	22.45 -1.07 0.00	24.81 -1.24 0.00	24.60 -1.20 0.00	30.58 -1.49 0.00	37.69 -1.84 0.00	43.58 -2.10 0.00	98.14 -4.70 0.00	49.93 -2.48 0.00	32.48 -1.57 0.00	37.69 -1.82 0.00	33.11 -1.59 0.00	32.13 -1.54 0.00	34.16 -1.62 0.00	35.13 -1.64 0.00	35.12 -1.60 0.00	36.57 -1.50 0.00	56.77 -2.43 0.00	34.24 -1.52 0.00	28.47 -1.28 0.00	23.57 -1.03 0.00	27.63 -1.24 0.00	24.80 -1.11 0.00
SITHE___MASSENA 23902	23.17 0.33 0.00	23.44 0.50 0.00	24.04 0.51 0.00	26.68 0.63 0.00	26.36 0.55 0.00	32.81 0.74 0.00	40.41 0.88 0.00	46.66 0.99 0.00	105.02 2.18 0.00	53.88 1.47 0.00	34.90 0.85 0.00	40.71 1.20 0.00	35.59 0.88 0.00	34.54 0.87 0.00	36.53 0.74 0.00	37.57 0.79 0.00	37.46 0.73 0.00	38.41 0.34 0.00	59.61 0.41 0.00	36.16 0.40 0.00	30.08 0.32 0.00	24.84 0.24 0.00	29.36 0.48 0.00	26.43 0.52 0.00
SITHE___OGDNSBRG 24021	23.38 0.54 0.00	23.68 0.73 0.00	24.29 0.76 0.00	26.95 0.90 0.00	26.64 0.84 0.00	33.26 1.19 0.00	41.13 1.60 0.00	47.65 1.97 0.00	107.18 4.34 0.00	55.02 2.61 0.00	35.56 1.52 0.00	41.51 2.00 0.00	36.32 1.61 0.00	35.26 1.59 0.00	37.27 1.49 0.00	38.34 1.56 0.00	38.15 1.43 0.00	39.02 0.95 0.00	60.50 1.30 0.00	36.71 0.96 0.00	30.52 0.76 0.00	25.16 0.56 0.00	29.73 0.86 0.00	26.80 0.89 0.00

SITHE___STERLING 23777	23.19 0.35 0.00	23.26 0.32 0.00	23.83 0.31 0.00	26.35 0.30 0.00	26.14 0.33 0.00	32.59 0.53 0.00	40.31 0.78 0.00	46.67 1.00 0.00	105.35 2.51 0.00	53.59 1.18 0.00	34.81 0.77 0.00	40.37 0.86 0.00	35.49 0.78 0.00	34.47 0.80 0.00	36.66 0.88 0.00	37.70 0.92 0.00	37.71 0.99 0.00	39.27 1.20 0.00	60.95 1.75 0.00	36.74 0.99 0.00	30.52 0.77 0.00	25.21 0.61 0.00	29.53 0.66 0.00	26.43 0.52 0.00
SLEIGHT__34_KV_TB1 80719	21.75 -1.09 0.00	21.74 -1.20 0.00	22.26 -1.26 0.00	24.66 -1.39 0.00	24.45 -1.36 0.00	30.55 -1.51 0.00	35.43 -1.82 2.29	40.95 -2.12 2.60	98.12 -4.70 0.02	48.76 -2.63 1.02	32.51 -1.53 0.00	37.74 -1.77 0.00	33.16 -1.55 0.00	32.11 -1.56 0.00	34.16 -1.63 0.00	35.19 -1.58 0.00	35.26 -1.46 0.00	36.87 -1.20 0.00	57.17 -2.04 0.00	34.42 -1.34 0.00	28.52 -1.24 0.00	23.56 -1.04 0.00	27.73 -1.15 0.00	24.94 -0.97 0.00
SOUTH CAIRO___GT 23612	24.07 1.23 0.00	24.12 1.17 0.00	24.74 1.21 0.00	27.42 1.37 0.00	27.22 1.42 0.00	33.79 1.73 0.00	41.78 2.25 0.00	48.64 2.96 0.00	109.73 6.89 0.00	55.87 3.46 0.00	36.20 2.16 0.00	41.90 2.38 0.00	36.87 2.16 0.00	35.64 1.97 0.00	37.77 1.99 0.00	38.77 2.12 0.00	38.84 2.12 0.00	40.64 2.57 0.00	62.99 3.79 0.00	37.96 2.21 0.00	31.58 1.83 0.00	26.05 1.45 0.00	30.59 1.71 0.00	27.36 1.45 0.00
SOUTH HAMPTN___IC 23720	24.80 1.96 0.00	24.93 1.99 0.00	25.60 2.08 0.00	49.08 2.44 -20.59	28.13 2.32 0.00	39.46 2.77 -4.62	102.56 4.25 -58.77	67.14 4.83 -16.64	112.22 9.38 0.00	56.50 4.09 0.00	36.94 2.89 0.00	42.20 2.68 0.00	37.21 2.47 -0.03	38.24 2.61 -1.97	41.34 3.24 -2.32	42.39 3.18 -2.43	39.64 2.92 0.00	41.49 3.42 0.00	64.55 5.34 0.00	38.47 2.71 0.00	38.46 2.55 -6.15	26.57 1.97 0.00	31.07 2.19 0.00	27.83 1.92 0.00
SOUTHDOW_115KV_TB1 355954	21.74 -1.10 0.00	21.60 -1.34 0.00	22.10 -1.42 0.00	24.57 -1.48 0.00	24.36 -1.45 0.00	30.54 -1.52 0.00	29.10 -1.85 8.58	32.97 -1.94 10.77	98.78 -3.96 0.10	44.98 -2.57 4.87	32.72 -1.33 0.00	38.21 -1.30 0.00	33.39 -1.32 0.00	32.34 -1.33 0.00	34.53 -1.26 0.00	35.72 -1.06 0.00	35.77 -0.95 0.00	37.58 -0.48 0.00	58.36 -0.84 0.00	35.08 -0.67 0.00	28.93 -0.82 0.00	23.93 -0.67 0.00	28.52 -0.35 0.00	25.74 -0.17 0.00
SOUTHOLD_69_KV_BK 2 55809	25.09 2.25 0.00	25.20 2.25 0.00	25.89 2.36 0.00	49.39 2.75 -20.59	28.44 2.64 0.00	39.87 3.19 -4.62	103.08 4.78 -58.77	67.78 5.47 -16.64	113.56 10.72 0.00	57.13 4.72 0.00	37.26 3.22 0.00	42.58 3.07 0.00	37.52 2.78 -0.03	38.57 2.93 -1.97	41.71 3.61 -2.32	42.81 3.60 -2.43	40.09 3.36 0.00	41.96 3.90 0.00	65.11 5.91 0.00	38.82 3.07 0.00	38.70 2.80 -6.15	26.79 2.19 0.00	31.32 2.44 0.00	28.09 2.18 0.00
SOUTHOLD___IC 23719	25.09 2.25 0.00	25.21 2.27 0.00	25.89 2.36 0.00	49.39 2.75 -20.59	28.45 2.64 0.00	39.87 3.19 -4.62	103.08 4.78 -58.77	67.78 5.46 -16.64	113.57 10.72 0.00	57.13 4.72 0.00	37.26 3.21 0.00	42.58 3.07 0.00	37.53 2.79 -0.03	38.57 2.93 -1.97	41.71 3.61 -2.32	42.81 3.60 -2.43	40.09 3.36 0.00	41.97 3.90 0.00	65.13 5.93 0.00	38.82 3.07 0.00	38.71 2.81 -6.15	26.79 2.19 0.00	31.32 2.45 0.00	28.09 2.18 0.00
SOUTH_FORK_WT_PWR 323839	25.14 2.30 0.00	25.27 2.33 0.00	25.95 2.42 0.00	49.47 2.82 -20.59	28.50 2.70 0.00	39.96 3.27 -4.62	103.18 4.88 -58.77	67.87 5.56 -16.64	113.77 10.92 0.00	57.23 4.81 0.00	37.30 3.26 0.00	42.59 3.08 0.00	37.52 2.78 -0.03	38.56 2.92 -1.97	41.71 3.61 -2.32	42.81 3.61 -2.43	40.10 3.38 0.00	41.95 3.88 0.00	65.01 5.81 0.00	38.76 3.00 0.00	38.65 2.74 -6.15	26.75 2.16 0.00	31.29 2.42 0.00	28.11 2.20 0.00
SPIERFLS_115KV_TB 1 80737	23.53 0.68 0.00	23.76 0.82 0.00	24.37 0.85 0.00	27.00 0.95 0.00	26.78 0.98 0.00	33.43 1.36 0.00	41.27 1.74 0.00	48.01 2.33 0.00	108.61 5.77 0.00	55.43 3.02 0.00	36.01 1.97 0.00	41.74 2.22 0.00	36.74 2.03 0.00	35.46 1.80 0.00	37.59 1.81 0.00	38.64 1.87 0.00	38.55 1.83 0.00	40.21 2.14 0.00	62.22 3.02 0.00	37.45 1.69 0.00	31.30 1.54 0.00	25.85 1.25 0.00	30.41 1.53 0.00	27.10 1.19 0.00
ST LAWRENCE____ 23600	22.98 0.14 0.00	23.18 0.24 0.00	23.76 0.24 0.00	26.37 0.32 0.00	26.05 0.25 0.00	32.41 0.35 0.00	39.96 0.43 0.00	46.12 0.44 0.00	103.78 0.94 0.00	53.10 0.69 0.00	34.48 0.44 0.00	40.13 0.62 0.00	35.18 0.47 0.00	34.09 0.42 0.00	36.12 0.33 0.00	37.14 0.37 0.00	37.06 0.34 0.00	38.03 -0.04 0.00	59.07 -0.13 0.00	35.82 0.07 0.00	29.81 0.05 0.00	24.63 0.03 0.00	29.02 0.14 0.00	26.10 0.19 0.00
STATE_CA_115KV_115_LB 55624	23.26 0.42 0.00	23.31 0.37 0.00	23.93 0.40 0.00	26.51 0.46 0.00	26.29 0.48 0.00	32.62 0.56 0.00	40.20 0.67 0.00	46.67 1.00 0.00	105.18 2.34 0.00	53.52 1.10 0.00	34.72 0.67 0.00	40.19 0.68 0.00	35.39 0.68 0.00	34.24 0.57 0.00	36.42 0.64 0.00	37.40 0.63 0.00	37.28 0.56 0.00	38.86 0.79 0.00	60.32 1.12 0.00	36.35 0.59 0.00	30.32 0.56 0.00	25.08 0.48 0.00	29.40 0.53 0.00	26.33 0.43 0.00
STATE_ST_34_KV_LOAD 55959	22.56 -0.28 0.00	22.55 -0.39 0.00	23.13 -0.39 0.00	25.61 -0.44 0.00	25.30 -0.51 0.00	31.60 -0.46 0.00	41.47 -0.52 -2.46	48.84 -0.64 -3.81	101.53 -1.35 -0.04	53.03 -0.87 -1.49	33.55 -0.50 0.00	38.94 -0.57 0.00	34.22 -0.49 0.00	33.21 -0.46 0.00	35.29 -0.50 0.00	36.30 -0.48 0.00	36.31 -0.42 0.00	37.90 -0.16 0.00	59.09 -0.11 0.00	35.60 -0.15 0.00	29.53 -0.23 0.00	24.42 -0.17 0.00	28.56 -0.31 0.00	25.61 -0.30 0.00
STATION 5_MISC_HYD 23604	21.47 -1.37 0.00	21.41 -1.53 0.00	21.94 -1.59 0.00	24.33 -1.72 0.00	24.13 -1.68 0.00	30.16 -1.90 0.00	32.94 -2.41 4.18	37.71 -2.83 5.13	96.39 -6.41 0.05	46.87 -3.53 2.01	32.01 -2.04 0.00	37.18 -2.34 0.00	32.63 -2.08 0.00	31.55 -2.12 0.00	33.57 -2.22 0.00	34.62 -2.16 0.00	34.74 -1.98 0.00	36.39 -1.67 0.00	56.22 -2.98 0.00	33.86 -1.90 0.00	28.02 -1.73 0.00	23.17 -1.43 0.00	27.42 -1.45 0.00	24.74 -1.17 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	21.93 -0.91 0.00	21.92 -1.02 0.00	22.44 -1.08 0.00	24.87 -1.17 0.00	24.68 -1.13 0.00	30.82 -1.25 0.00	33.79 -1.51 4.23	38.85 -1.68 5.15	99.13 -3.66 0.05	48.26 -2.13 2.02	32.87 -1.18 0.00	38.15 -1.36 0.00	33.52 -1.19 0.00	32.46 -1.21 0.00	34.50 -1.28 0.00	35.55 -1.23 0.00	35.65 -1.08 0.00	37.32 -0.75 0.00	57.80 -1.40 0.00	34.78 -0.97 0.00	28.82 -0.94 0.00	23.80 -0.80 0.00	28.05 -0.82 0.00	25.23 -0.68 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	21.41 -1.43 0.00	21.39 -1.55 0.00	21.89 -1.63 0.00	24.28 -1.77 0.00	24.08 -1.72 0.00	30.09 -1.97 0.00	32.95 -2.47 4.10	37.77 -2.88 5.02	96.32 -6.47 0.05	46.89 -3.55 1.97	31.98 -2.07 0.00	37.13 -2.38 0.00	32.61 -2.10 0.00	31.53 -2.14 0.00	33.55 -2.24 0.00	34.59 -2.19 0.00	34.70 -2.02 0.00	36.34 -1.73 0.00	56.19 -3.01 0.00	33.82 -1.93 0.00	28.00 -1.75 0.00	23.15 -1.45 0.00	27.36 -1.51 0.00	24.67 -1.24 0.00

STA_56___34_KV_BUS2 355983	21.41 -1.43 0.00	21.39 -1.55 0.00	21.89 -1.63 0.00	24.28 -1.77 0.00	24.08 -1.72 0.00	30.09 -1.97 0.00	32.95 -2.47 4.10	37.77 -2.88 5.02	96.32 -6.47 0.05	46.89 -3.55 1.97	31.98 -2.07 0.00	37.13 -2.38 0.00	32.61 -2.10 0.00	31.53 -2.14 0.00	33.55 -2.24 0.00	34.59 -2.19 0.00	34.70 -2.02 0.00	36.34 -1.73 0.00	56.19 -3.01 0.00	33.82 -1.93 0.00	28.00 -1.75 0.00	23.15 -1.45 0.00	27.36 -1.51 0.00	24.67 -1.24 0.00
STA_67___115KV_BK2 355882	21.41 -1.43 0.00	21.39 -1.55 0.00	21.89 -1.63 0.00	24.28 -1.77 0.00	24.08 -1.73 0.00	30.09 -1.98 0.00	32.86 -2.51 4.17	37.60 -2.95 5.12	96.11 -6.69 0.05	46.68 -3.67 2.07	31.92 -2.13 0.00	37.07 -2.45 0.00	32.54 -2.17 0.00	31.47 -2.20 0.00	33.47 -2.31 0.00	34.52 -2.25 0.00	34.66 -2.07 0.00	36.30 -1.77 0.00	56.08 -3.12 0.00	33.77 -1.98 0.00	27.96 -1.80 0.00	23.12 -1.48 0.00	27.36 -1.52 0.00	24.69 -1.22 0.00
STA_7___115KV_9TRANS 80674	21.55 -1.29 0.00	21.53 -1.42 0.00	22.03 -1.49 0.00	24.43 -1.62 0.00	24.23 -1.57 0.00	30.30 -1.77 0.00	33.11 -2.24 4.18	37.94 -2.61 5.13	96.89 -5.91 0.05	47.14 -3.27 2.01	32.17 -1.87 0.00	37.38 -2.14 0.00	32.82 -1.89 0.00	31.73 -1.94 0.00	33.76 -2.03 0.00	34.82 -1.96 0.00	34.95 -1.77 0.00	36.61 -1.46 0.00	56.59 -2.61 0.00	34.06 -1.69 0.00	28.20 -1.56 0.00	23.31 -1.29 0.00	27.56 -1.31 0.00	24.86 -1.05 0.00
STA_82___115KV_TB1 80780	21.41 -1.43 0.00	21.40 -1.55 0.00	21.90 -1.62 0.00	24.29 -1.75 0.00	24.09 -1.72 0.00	30.11 -1.95 0.00	32.83 -2.48 4.22	37.58 -2.91 5.18	96.20 -6.59 0.05	46.74 -3.64 2.03	31.93 -2.11 0.00	37.09 -2.42 0.00	32.57 -2.14 0.00	31.49 -2.18 0.00	33.50 -2.29 0.00	34.55 -2.23 0.00	34.67 -2.05 0.00	36.32 -1.75 0.00	56.13 -3.07 0.00	33.79 -1.96 0.00	27.98 -1.77 0.00	23.13 -1.46 0.00	27.37 -1.50 0.00	24.71 -1.20 0.00
STEEL___WIND 323596	20.93 -1.91 0.00	20.77 -2.17 0.00	21.29 -2.23 0.00	23.65 -2.39 0.00	23.44 -2.36 0.00	29.36 -2.71 0.00	28.65 -3.49 7.40	32.27 -4.16 9.25	93.31 -9.44 0.08	42.37 -5.26 4.78	31.01 -3.04 0.00	36.15 -3.36 0.00	31.67 -3.04 0.00	30.58 -3.09 0.00	32.60 -3.18 0.00	33.70 -3.07 0.00	33.91 -2.81 0.00	35.66 -2.41 0.00	55.00 -4.20 0.00	33.14 -2.62 0.00	27.37 -2.39 0.00	22.67 -1.93 0.00	27.08 -1.79 0.00	24.56 -1.35 0.00
STEPHTWN_115KV_BK_2 55603	23.47 0.63 0.00	23.51 0.56 0.00	24.14 0.61 0.00	26.77 0.72 0.00	26.57 0.76 0.00	32.96 0.89 0.00	40.62 1.09 0.00	47.17 1.49 0.00	106.18 3.33 0.00	54.04 1.63 0.00	35.01 0.96 0.00	40.54 1.03 0.00	35.67 0.96 0.00	34.53 0.86 0.00	36.73 0.94 0.00	37.68 0.91 0.00	37.62 0.90 0.00	39.21 1.14 0.00	61.01 1.81 0.00	36.68 0.93 0.00	30.57 0.82 0.00	25.29 0.69 0.00	29.64 0.76 0.00	26.51 0.61 0.00
STEBUBEN_REC_LFGE 323667	21.28 -1.56 0.00	21.46 -1.47 0.01	21.82 -1.70 0.00	24.27 -1.78 0.00	24.21 -1.60 0.00	29.50 -2.56 0.01	11.33 -3.09 25.11	10.81 -3.17 31.69	96.30 -6.25 0.29	39.15 -3.22 10.04	32.19 -1.86 0.00	37.66 -1.85 0.00	33.13 -1.57 0.00	31.96 -1.71 0.00	34.29 -1.49 0.00	35.63 -1.15 0.00	35.73 -1.00 0.00	37.33 -0.74 0.00	57.97 -1.23 0.00	34.90 -0.86 0.00	28.88 -0.88 0.00	23.93 -0.67 0.00	28.44 -0.43 0.00	25.64 -0.26 0.00
STILLWATER___SOLAR 323814	23.72 0.88 0.00	23.86 0.92 0.00	24.48 0.95 0.00	27.13 1.08 0.00	26.89 1.09 0.00	33.47 1.40 0.00	41.27 1.74 0.00	47.94 2.26 0.00	108.15 5.31 0.00	55.09 2.68 0.00	35.77 1.73 0.00	41.43 1.91 0.00	36.46 1.75 0.00	35.22 1.55 0.00	37.41 1.63 0.00	38.45 1.68 0.00	38.34 1.62 0.00	39.96 1.89 0.00	61.98 2.77 0.00	37.29 1.54 0.00	31.16 1.40 0.00	25.74 1.14 0.00	30.21 1.33 0.00	27.00 1.09 0.00
STONY___BROOK 24151	24.47 1.63 0.00	24.59 1.65 0.00	25.21 1.68 0.00	48.61 1.97 -20.59	27.67 1.86 0.00	38.87 2.18 -4.62	101.64 3.34 -58.77	66.22 3.91 -16.64	110.50 7.66 0.00	55.85 3.43 0.00	36.54 2.50 0.00	41.99 2.48 0.00	37.04 2.30 -0.03	38.07 2.44 -1.97	40.94 2.84 -2.32	42.02 2.82 -2.43	39.19 2.47 0.00	41.01 2.94 0.00	63.88 4.68 0.00	38.18 2.42 0.00	38.14 2.23 -6.15	26.34 1.74 0.00	30.82 1.94 0.00	27.54 1.64 0.00
STURGEON_POOL_HYD 23609	23.90 1.06 0.00	23.97 1.03 0.00	24.60 1.07 0.00	27.24 1.19 0.00	27.02 1.21 0.00	33.57 1.51 0.00	41.49 1.96 0.00	48.12 2.45 0.00	108.37 5.53 0.00	55.02 2.61 0.00	35.71 1.67 0.00	41.32 1.80 0.00	36.29 1.58 0.00	35.16 1.50 0.00	37.44 1.66 0.00	38.42 1.65 0.00	38.32 1.60 0.00	40.11 2.04 0.00	62.43 3.23 0.00	37.53 1.77 0.00	31.21 1.45 0.00	25.75 1.15 0.00	30.09 1.22 0.00	26.94 1.04 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	23.71 0.87 0.00	23.78 0.83 0.00	24.41 0.88 0.00	27.04 0.99 0.00	26.81 1.01 0.00	33.30 1.23 0.00	41.15 1.61 0.00	47.72 2.05 0.00	107.48 4.64 0.00	54.58 2.17 0.00	35.40 1.35 0.00	40.96 1.44 0.00	36.00 1.29 0.00	34.92 1.25 0.00	37.18 1.40 0.00	38.17 1.40 0.00	38.08 1.36 0.00	39.82 1.75 0.00	62.01 2.81 0.00	37.26 1.51 0.00	30.97 1.22 0.00	25.57 0.97 0.00	29.92 1.05 0.00	26.80 0.89 0.00
SWANROAD_115KV_TB1 355699	20.14 -2.70 0.00	20.08 -2.86 0.00	20.54 -2.98 0.00	22.84 -3.20 0.00	22.63 -3.17 0.00	28.33 -3.74 0.00	28.56 -4.64 6.34	32.05 -5.70 7.92	89.01 -13.76 0.07	41.02 -7.39 4.00	29.60 -4.44 0.00	34.42 -5.09 0.00	30.23 -4.48 0.00	29.11 -4.56 0.00	30.99 -4.79 0.00	32.08 -4.69 0.00	32.28 -4.45 0.00	33.97 -4.10 0.00	52.21 -6.99 0.00	31.46 -4.30 0.00	26.04 -3.72 0.00	21.58 -3.02 0.00	25.83 -3.04 0.00	23.57 -2.34 0.00
SYNERGY___BIOGAS 323694	21.30 -1.54 0.00	21.16 -1.78 0.00	21.69 -1.83 0.00	24.10 -1.95 0.00	23.91 -1.90 0.00	29.99 -2.08 0.00	31.44 -2.56 5.53	35.75 -3.06 6.87	95.48 -7.30 0.06	45.05 -4.06 3.31	31.75 -2.29 0.00	36.89 -2.63 0.00	32.37 -2.34 0.00	31.23 -2.44 0.00	33.26 -2.52 0.00	34.36 -2.41 0.00	34.55 -2.17 0.00	36.33 -1.74 0.00	55.91 -3.29 0.00	33.66 -2.09 0.00	27.80 -1.95 0.00	22.98 -1.62 0.00	27.34 -1.53 0.00	24.79 -1.12 0.00
SYRACUSE___ENERGY_ST1 323597	22.39 -0.45 0.00	22.42 -0.52 0.00	22.98 -0.54 0.00	25.41 -0.64 0.00	25.19 -0.62 0.00	31.34 -0.72 0.00	38.65 -0.88 0.00	44.73 -0.95 0.00	100.86 -1.98 0.00	51.27 -1.14 0.00	33.34 -0.71 0.00	38.71 -0.80 0.00	34.01 -0.70 0.00	33.01 -0.65 0.00	35.09 -0.70 0.00	36.09 -0.68 0.00	36.09 -0.64 0.00	37.62 -0.45 0.00	58.46 -0.75 0.00	35.23 -0.52 0.00	29.28 -0.48 0.00	24.21 -0.40 0.00	28.36 -0.51 0.00	25.44 -0.47 0.00
SYRACUSE___ENERGY_ST2 323598	22.39 -0.45 0.00	22.42 -0.52 0.00	22.98 -0.54 0.00	25.41 -0.64 0.00	25.19 -0.62 0.00	31.34 -0.72 0.00	38.65 -0.88 0.00	44.73 -0.95 0.00	100.86 -1.98 0.00	51.27 -1.14 0.00	33.34 -0.71 0.00	38.71 -0.80 0.00	34.01 -0.70 0.00	33.01 -0.65 0.00	35.09 -0.70 0.00	36.09 -0.68 0.00	36.09 -0.64 0.00	37.62 -0.45 0.00	58.46 -0.75 0.00	35.23 -0.52 0.00	29.28 -0.48 0.00	24.21 -0.40 0.00	28.36 -0.51 0.00	25.44 -0.47 0.00

SYRACUSE___POWER 24017	22.38 -0.46 0.00	22.42 -0.52 0.00	22.97 -0.56 0.00	25.40 -0.65 0.00	25.19 -0.62 0.00	31.35 -0.72 0.00	40.35 -0.90 -1.72	47.29 -0.93 -2.55	100.88 -1.98 -0.02	52.27 -1.14 -1.00	33.34 -0.70 0.00	38.71 -0.80 0.00	34.01 -0.70 0.00	33.01 -0.65 0.00	35.10 -0.69 0.00	36.10 -0.68 0.00	36.09 -0.63 0.00	37.63 -0.44 0.00	58.44 -0.76 0.00	35.21 -0.55 0.00	29.26 -0.50 0.00	24.18 -0.42 0.00	28.36 -0.51 0.00	25.44 -0.47 0.00
TALLMAN___138KV_BK151 55660	23.80 0.96 0.00	23.87 0.93 0.00	24.51 0.99 0.00	27.16 1.11 0.00	26.94 1.13 0.00	33.45 1.38 0.00	41.35 1.82 0.00	48.00 2.32 0.00	108.10 5.26 0.00	54.86 2.44 0.00	35.57 1.52 0.00	41.15 1.64 0.00	36.16 1.45 0.00	35.09 1.42 0.00	37.38 1.60 0.00	38.35 1.58 0.00	38.23 1.51 0.00	40.01 1.94 0.00	62.34 3.14 0.00	37.44 1.68 0.00	31.09 1.34 0.00	25.67 1.07 0.00	30.04 1.17 0.00	26.91 1.00 0.00
TEALLAVE_115KV_TB7 355573	22.22 -0.62 0.00	22.27 -0.67 0.00	22.82 -0.71 0.00	25.22 -0.83 0.00	25.01 -0.79 0.00	31.12 -0.94 0.00	38.34 -1.20 0.00	44.36 -1.31 0.00	100.02 -2.83 0.00	50.85 -1.57 0.00	33.08 -0.96 0.00	38.40 -1.12 0.00	33.73 -0.97 0.00	32.75 -0.92 0.00	34.82 -0.97 0.00	35.82 -0.96 0.00	35.81 -0.92 0.00	37.32 -0.76 0.00	57.94 -1.26 0.00	34.92 -0.84 0.00	29.02 -0.74 0.00	23.99 -0.61 0.00	28.14 -0.74 0.00	25.24 -0.66 0.00
TELGRAPH_34_KV_EAST 80808	20.84 -2.00 0.00	20.77 -2.17 0.00	21.25 -2.28 0.00	23.62 -2.43 0.00	23.41 -2.40 0.00	29.34 -2.73 0.00	30.28 -3.40 5.85	34.26 -4.14 7.28	92.90 -9.88 0.07	43.44 -5.39 3.59	30.89 -3.15 0.00	35.91 -3.60 0.00	31.54 -3.17 0.00	30.40 -3.26 0.00	32.37 -3.41 0.00	33.48 -3.30 0.00	33.67 -3.05 0.00	35.41 -2.66 0.00	54.48 -4.72 0.00	32.79 -2.96 0.00	27.11 -2.65 0.00	22.44 -2.16 0.00	26.77 -2.11 0.00	24.32 -1.59 0.00
TEMPLE___115KV_TB 2 55572	22.24 -0.60 0.00	22.28 -0.66 0.00	22.82 -0.70 0.00	25.23 -0.82 0.00	25.03 -0.78 0.00	31.14 -0.93 0.00	38.36 -1.17 0.00	44.39 -1.29 0.00	100.07 -2.77 0.00	50.88 -1.54 0.00	33.10 -0.95 0.00	38.42 -1.09 0.00	33.77 -0.94 0.00	32.76 -0.90 0.00	34.84 -0.94 0.00	35.84 -0.94 0.00	35.83 -0.89 0.00	37.35 -0.72 0.00	57.98 -1.22 0.00	34.94 -0.81 0.00	29.04 -0.72 0.00	24.00 -0.60 0.00	28.15 -0.72 0.00	25.26 -0.65 0.00
TIANA____69_KV_BK 1 55817	24.72 1.88 0.00	24.83 1.89 0.00	25.51 1.98 0.00	48.98 2.33 -20.59	28.03 2.22 0.00	39.33 2.64 -4.62	102.38 4.08 -58.77	66.95 4.63 -16.64	111.81 8.97 0.00	56.30 3.89 0.00	36.82 2.78 0.00	42.08 2.57 0.00	37.10 2.36 -0.03	38.15 2.51 -1.97	41.23 3.13 -2.32	42.26 3.06 -2.43	39.51 2.79 0.00	41.37 3.30 0.00	64.38 5.17 0.00	38.37 2.62 0.00	38.38 2.48 -6.15	26.50 1.90 0.00	30.99 2.11 0.00	27.75 1.84 0.00
TILDEN___115KV_TB1 80814	22.38 -0.46 0.00	22.42 -0.52 0.00	22.97 -0.56 0.00	25.40 -0.65 0.00	25.19 -0.62 0.00	31.35 -0.72 0.00	40.35 -0.90 -1.72	47.29 -0.93 -2.55	100.88 -1.98 -0.02	52.27 -1.14 -1.00	33.34 -0.70 0.00	38.71 -0.80 0.00	34.01 -0.70 0.00	33.01 -0.65 0.00	35.10 -0.69 0.00	36.10 -0.68 0.00	36.09 -0.63 0.00	37.63 -0.44 0.00	58.44 -0.76 0.00	35.21 -0.55 0.00	29.26 -0.50 0.00	24.18 -0.42 0.00	28.36 -0.51 0.00	25.44 -0.47 0.00
TRIGEN___CC 323695	24.21 1.37 0.00	24.29 1.35 0.00	24.91 1.39 0.00	48.23 1.59 -20.59	27.38 1.57 0.00	38.57 1.89 -4.62	100.87 2.57 -58.77	65.44 3.13 -16.64	109.40 6.55 0.00	55.45 3.04 0.00	36.20 2.15 0.00	41.76 2.25 0.00	36.87 2.13 -0.03	37.73 2.10 -1.97	40.46 2.36 -2.32	41.53 2.32 -2.43	38.88 2.15 0.00	40.63 2.57 0.00	63.22 4.02 0.00	37.91 2.16 0.00	37.81 1.90 -6.15	26.08 1.48 0.00	30.52 1.65 0.00	27.28 1.37 0.00
TRINITY___115KV___4 BK 55933	23.17 0.33 0.00	23.23 0.29 0.00	23.84 0.32 0.00	26.41 0.36 0.00	26.19 0.38 0.00	32.49 0.42 0.00	40.02 0.49 0.00	46.46 0.78 0.00	104.67 1.83 0.00	53.27 0.85 0.00	34.55 0.50 0.00	39.99 0.48 0.00	35.20 0.50 0.00	34.09 0.42 0.00	36.27 0.48 0.00	37.24 0.47 0.00	37.10 0.38 0.00	38.67 0.60 0.00	60.06 0.85 0.00	36.18 0.43 0.00	30.20 0.45 0.00	24.99 0.39 0.00	29.31 0.44 0.00	26.25 0.35 0.00
UNION___PROCESSING_DRP 323587	21.42 -1.42 0.00	21.41 -1.53 0.00	21.90 -1.62 0.00	24.30 -1.75 0.00	24.09 -1.71 0.00	30.12 -1.95 0.00	32.84 -2.47 4.22	37.59 -2.91 5.18	96.21 -6.58 0.05	46.77 -3.62 2.03	31.95 -2.09 0.00	37.11 -2.41 0.00	32.58 -2.13 0.00	31.50 -2.17 0.00	33.51 -2.27 0.00	34.56 -2.22 0.00	34.69 -2.03 0.00	36.34 -1.73 0.00	56.16 -3.04 0.00	33.81 -1.94 0.00	27.99 -1.76 0.00	23.14 -1.46 0.00	27.38 -1.49 0.00	24.71 -1.20 0.00
UPPER HUDSON___HYD 24058	23.52 0.68 0.00	23.76 0.82 0.00	24.37 0.85 0.00	27.00 0.95 0.00	26.78 0.98 0.00	33.43 1.36 0.00	41.27 1.74 0.00	48.00 2.33 0.00	108.61 5.77 0.00	55.43 3.02 0.00	36.01 1.97 0.00	41.73 2.22 0.00	36.74 2.03 0.00	35.47 1.80 0.00	37.59 1.80 0.00	38.64 1.87 0.00	38.55 1.83 0.00	40.21 2.14 0.00	62.22 3.02 0.00	37.45 1.69 0.00	31.30 1.54 0.00	25.85 1.25 0.00	30.41 1.53 0.00	27.10 1.19 0.00
UPPER RAQUET___HYD 24056	22.76 -0.08 0.00	23.08 0.13 0.00	23.68 0.15 0.00	26.25 0.20 0.00	25.93 0.12 0.00	32.36 0.29 0.00	40.17 0.64 0.00	46.61 0.94 0.00	104.96 2.12 0.00	53.93 1.52 0.00	34.87 0.82 0.00	40.72 1.21 0.00	35.60 0.89 0.00	34.56 0.89 0.00	36.45 0.67 0.00	37.46 0.69 0.00	37.11 0.38 0.00	37.92 -0.15 0.00	58.80 -0.40 0.00	35.67 -0.08 0.00	29.67 -0.09 0.00	24.48 -0.12 0.00	28.93 0.05 0.00	26.14 0.24 0.00
VALLEY44_115KV_TB2 355964	21.65 -1.19 0.00	21.57 -1.37 0.00	22.10 -1.42 0.00	24.55 -1.50 0.00	24.30 -1.50 0.00	30.29 -1.78 0.00	28.56 -2.29 8.68	32.09 -2.67 10.91	96.77 -5.97 0.10	44.07 -3.55 4.79	31.95 -2.09 0.00	37.45 -2.06 0.00	32.90 -1.81 0.00	31.83 -1.84 0.00	33.90 -1.89 0.00	35.02 -1.76 0.00	35.15 -1.57 0.00	36.75 -1.32 0.00	57.02 -2.18 0.00	34.23 -1.52 0.00	28.21 -1.54 0.00	23.42 -1.18 0.00	27.95 -0.93 0.00	25.25 -0.66 0.00
VALLEY___115KV_TB 1-4 80826	23.00 0.16 0.00	23.06 0.12 0.00	23.67 0.15 0.00	26.20 0.16 0.00	25.98 0.17 0.00	32.24 0.17 0.00	39.86 0.32 0.00	46.27 0.59 0.00	104.50 1.66 0.00	53.09 0.67 0.00	34.45 0.41 0.00	39.86 0.35 0.00	35.00 0.29 0.00	33.92 0.25 0.00	36.07 0.29 0.00	36.98 0.21 0.00	36.84 0.12 0.00	38.49 0.42 0.00	59.94 0.73 0.00	36.06 0.31 0.00	30.06 0.30 0.00	24.84 0.24 0.00	29.10 0.23 0.00	26.03 0.12 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	23.65 0.81 0.00	23.74 0.81 0.00	24.36 0.83 0.00	26.98 0.93 0.00	26.75 0.94 0.00	33.28 1.21 0.00	41.11 1.57 0.00	47.45 1.78 0.00	107.00 4.15 0.00	54.40 1.98 0.00	35.36 1.31 0.00	41.01 1.49 0.00	35.99 1.28 0.00	34.89 1.23 0.00	37.17 1.38 0.00	38.26 1.48 0.00	38.23 1.51 0.00	39.89 1.81 0.00	62.00 2.80 0.00	37.31 1.56 0.00	30.98 1.22 0.00	25.57 0.97 0.00	29.97 1.10 0.00	26.85 0.94 0.00

VISCHER___FERRY HYD 24020	23.58 0.74 0.00	23.69 0.75 0.00	24.31 0.79 0.00	26.95 0.90 0.00	26.71 0.91 0.00	33.16 1.09 0.00	40.84 1.31 0.00	47.39 1.72 0.00	106.80 3.95 0.00	54.37 1.95 0.00	35.25 1.21 0.00	40.81 1.29 0.00	35.93 1.22 0.00	34.73 1.06 0.00	36.93 1.15 0.00	37.93 1.16 0.00	37.77 1.05 0.00	39.37 1.30 0.00	61.05 1.85 0.00	36.78 1.03 0.00	30.77 1.01 0.00	25.44 0.84 0.00	29.85 0.98 0.00	26.72 0.81 0.00
V_A_10_SYNC_DSASP 323832	20.65 -2.19 0.00	20.56 -2.38 0.00	21.08 -2.45 0.00	23.41 -2.63 0.00	23.20 -2.60 0.00	29.01 -3.06 0.00	30.38 -3.96 5.20	34.47 -4.77 6.44	91.84 -10.95 0.06	43.39 -5.92 3.10	30.52 -3.52 0.00	35.49 -4.02 0.00	31.14 -3.56 0.00	30.04 -3.62 0.00	31.98 -3.81 0.00	33.03 -3.74 0.00	33.19 -3.53 0.00	34.86 -3.21 0.00	53.75 -5.45 0.00	32.37 -3.39 0.00	26.77 -2.99 0.00	22.19 -2.41 0.00	26.42 -2.45 0.00	23.97 -1.93 0.00
V_CMM_10_SYNC_DSASP 323787	23.08 0.24 0.00	23.27 0.33 0.00	23.87 0.34 0.00	26.48 0.43 0.00	26.16 0.36 0.00	32.56 0.49 0.00	40.14 0.61 0.00	46.33 0.66 0.00	104.23 1.38 0.00	53.34 0.93 0.00	34.62 0.58 0.00	40.30 0.78 0.00	35.33 0.62 0.00	34.23 0.56 0.00	36.27 0.49 0.00	37.30 0.53 0.00	37.24 0.52 0.00	38.21 0.14 0.00	59.32 0.12 0.00	35.98 0.23 0.00	29.94 0.18 0.00	24.74 0.14 0.00	29.14 0.27 0.00	26.21 0.30 0.00
V_CMP_10_SYNC_DSASP 323788	23.62 0.78 0.00	23.93 0.99 0.00	24.54 1.02 0.00	27.28 1.23 0.00	26.72 0.91 0.00	33.10 1.04 0.00	40.90 1.37 0.00	47.68 2.01 0.00	107.02 4.18 0.00	54.62 2.21 0.00	35.50 1.45 0.00	41.25 1.73 0.00	36.22 1.51 0.00	35.02 1.36 0.00	37.27 1.49 0.00	38.44 1.67 0.00	38.40 1.68 0.00	39.59 1.52 0.00	61.35 2.15 0.00	37.11 1.35 0.00	31.03 1.28 0.00	25.64 1.04 0.00	30.11 1.24 0.00	27.22 1.31 0.00
V_D_10_SYNC_DSASP 323841	23.17 0.33 0.00	23.44 0.50 0.00	24.04 0.51 0.00	26.68 0.63 0.00	26.35 0.55 0.00	32.81 0.74 0.00	40.41 0.88 0.00	46.66 0.98 0.00	105.02 2.18 0.00	53.87 1.46 0.00	34.89 0.85 0.00	40.70 1.18 0.00	35.59 0.88 0.00	34.53 0.86 0.00	36.53 0.74 0.00	37.56 0.79 0.00	37.46 0.73 0.00	38.41 0.34 0.00	59.62 0.42 0.00	36.16 0.41 0.00	30.08 0.32 0.00	24.85 0.25 0.00	29.36 0.48 0.00	26.42 0.52 0.00
V_E_10_SYNC_DSASP 323830	24.44 1.60 0.00	24.39 1.45 0.00	24.98 1.45 0.00	27.63 1.58 0.00	27.50 1.70 0.00	34.44 2.37 0.00	58.16 3.45 -15.17	90.33 6.90 -37.75	118.24 15.05 -0.35	74.24 6.69 -15.13	38.30 4.26 0.00	44.34 4.82 0.00	39.00 4.30 0.00	37.83 4.16 0.00	39.19 3.41 0.00	39.92 3.15 0.00	40.09 3.37 0.00	41.92 3.86 0.00	65.05 5.85 0.00	39.10 3.35 0.00	32.37 2.61 0.00	26.59 1.99 0.00	31.20 2.32 0.00	27.87 1.96 0.00
V_F_30_NSYNC___DSASP 323816	23.74 0.90 0.00	23.88 0.94 0.00	24.50 0.98 0.00	27.15 1.10 0.00	26.92 1.12 0.00	33.50 1.43 0.00	41.31 1.78 0.00	47.99 2.32 0.00	108.26 5.42 0.00	55.17 2.75 0.00	35.82 1.77 0.00	41.50 1.98 0.00	36.51 1.80 0.00	35.26 1.59 0.00	37.45 1.67 0.00	38.49 1.72 0.00	38.38 1.66 0.00	40.02 1.95 0.00	62.05 2.84 0.00	37.35 1.60 0.00	31.19 1.43 0.00	25.76 1.16 0.00	30.24 1.36 0.00	27.02 1.12 0.00
V_F_30_SYNC_DSASP 323786	23.26 0.42 0.00	23.31 0.36 0.00	23.92 0.40 0.00	26.51 0.46 0.00	26.29 0.48 0.00	32.62 0.55 0.00	40.20 0.66 0.00	46.67 0.99 0.00	105.18 2.34 0.00	53.52 1.10 0.00	34.72 0.67 0.00	40.19 0.68 0.00	35.39 0.68 0.00	34.24 0.57 0.00	36.42 0.64 0.00	37.40 0.63 0.00	37.28 0.56 0.00	38.85 0.78 0.00	60.32 1.12 0.00	36.35 0.59 0.00	30.32 0.56 0.00	25.08 0.48 0.00	29.40 0.53 0.00	26.33 0.42 0.00
V_XM_10_SYNC_DSASP 323789	23.62 0.78 0.00	23.93 0.99 0.00	24.54 1.02 0.00	27.28 1.23 0.00	26.72 0.91 0.00	33.10 1.04 0.00	40.90 1.37 0.00	47.68 2.01 0.00	107.02 4.18 0.00	54.62 2.21 0.00	35.50 1.45 0.00	41.25 1.73 0.00	36.22 1.51 0.00	35.02 1.36 0.00	37.27 1.49 0.00	38.44 1.67 0.00	38.40 1.68 0.00	39.59 1.52 0.00	61.35 2.15 0.00	37.11 1.35 0.00	31.03 1.28 0.00	25.64 1.04 0.00	30.11 1.24 0.00	27.22 1.31 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	23.86 1.02 0.00	23.94 1.00 0.00	24.59 1.06 0.00	27.24 1.19 0.00	27.02 1.21 0.00	33.55 1.49 0.00	41.47 1.94 0.00	48.16 2.49 0.00	108.46 5.62 0.00	55.04 2.63 0.00	35.70 1.66 0.00	41.30 1.79 0.00	36.30 1.59 0.00	35.22 1.55 0.00	37.52 1.74 0.00	38.48 1.71 0.00	38.37 1.65 0.00	40.14 2.08 0.00	62.54 3.34 0.00	37.56 1.81 0.00	31.21 1.46 0.00	25.76 1.16 0.00	30.14 1.27 0.00	26.99 1.08 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	23.93 1.09 0.00	24.00 1.05 0.00	24.61 1.09 0.00	27.26 1.21 0.00	27.06 1.25 0.00	33.64 1.57 0.00	41.53 2.00 0.00	48.24 2.56 0.00	108.80 5.95 0.00	55.26 2.84 0.00	35.91 1.86 0.00	41.52 2.01 0.00	36.51 1.80 0.00	35.37 1.70 0.00	37.70 1.92 0.00	38.66 1.89 0.00	38.52 1.80 0.00	40.27 2.21 0.00	62.80 3.59 0.00	37.66 1.91 0.00	31.30 1.54 0.00	25.85 1.25 0.00	30.21 1.34 0.00	27.01 1.11 0.00
W50THST__13_KV_LOAD 356117	24.06 1.22 0.00	24.12 1.18 0.00	24.75 1.22 0.00	27.38 1.33 0.00	27.19 1.39 0.00	33.82 1.75 0.00	41.79 2.26 0.00	48.59 2.92 0.00	109.71 6.86 0.00	55.73 3.32 0.00	36.23 2.19 0.00	41.92 2.41 0.00	36.85 2.14 0.00	35.70 2.03 0.00	38.07 2.29 0.00	39.03 2.25 0.00	38.88 2.15 0.00	40.65 2.59 0.00	63.35 4.15 0.00	37.96 2.21 0.00	31.54 1.78 0.00	26.04 1.44 0.00	30.42 1.55 0.00	27.19 1.28 0.00
WADING RIVER_IC_1 23522	24.38 1.54 0.00	24.54 1.59 0.00	25.19 1.67 0.00	48.65 2.00 -20.59	27.68 1.88 0.00	38.85 2.16 -4.62	101.79 3.49 -58.77	66.20 3.88 -16.64	110.27 7.42 0.00	55.56 3.14 0.00	36.44 2.39 0.00	41.55 2.04 0.00	36.65 1.91 -0.03	37.72 2.09 -1.97	40.79 2.69 -2.32	41.74 2.54 -2.43	38.93 2.21 0.00	40.74 2.67 0.00	63.46 4.26 0.00	37.80 2.04 0.00	38.01 2.11 -6.15	26.19 1.59 0.00	30.61 1.74 0.00	27.41 1.50 0.00
WADING RIVER_IC_2 23547	24.38 1.54 0.00	24.54 1.59 0.00	25.19 1.67 0.00	48.65 2.00 -20.59	27.68 1.88 0.00	38.85 2.16 -4.62	101.79 3.49 -58.77	66.20 3.88 -16.64	110.27 7.42 0.00	55.56 3.14 0.00	36.44 2.39 0.00	41.55 2.04 0.00	36.65 1.91 -0.03	37.72 2.09 -1.97	40.79 2.69 -2.32	41.74 2.54 -2.43	38.93 2.21 0.00	40.74 2.67 0.00	63.46 4.26 0.00	37.80 2.04 0.00	38.01 2.11 -6.15	26.19 1.59 0.00	30.61 1.74 0.00	27.41 1.50 0.00
WADING RIVER_IC_3 23601	24.38 1.54 0.00	24.54 1.59 0.00	25.19 1.67 0.00	48.65 2.00 -20.59	27.68 1.88 0.00	38.85 2.16 -4.62	101.79 3.49 -58.77	66.20 3.88 -16.64	110.27 7.42 0.00	55.56 3.14 0.00	36.44 2.39 0.00	41.55 2.04 0.00	36.65 1.91 -0.03	37.72 2.09 -1.97	40.79 2.69 -2.32	41.74 2.54 -2.43	38.93 2.21 0.00	40.74 2.67 0.00	63.46 4.26 0.00	37.80 2.04 0.00	38.01 2.11 -6.15	26.19 1.59 0.00	30.61 1.74 0.00	27.41 1.50 0.00



WALDENNY_12_KV_BK2 80841	20.92 -1.92 0.00	20.82 -2.12 0.00	21.30 -2.22 0.00	23.67 -2.38 0.00	23.46 -2.35 0.00	29.37 -2.70 0.00	28.82 -3.43 7.28	32.46 -4.11 9.10	93.36 -9.40 0.08	42.47 -5.25 4.70	31.01 -3.03 0.00	36.14 -3.37 0.00	31.69 -3.02 0.00	30.60 -3.07 0.00	32.59 -3.19 0.00	33.72 -3.06 0.00	33.90 -2.82 0.00	35.64 -2.43 0.00	54.98 -4.22 0.00	33.09 -2.66 0.00	27.35 -2.40 0.00	22.65 -1.95 0.00	27.06 -1.82 0.00	24.54 -1.36 0.00
WALDEN___HYDRO 24148	24.01 1.17 0.00	24.07 1.13 0.00	24.70 1.18 0.00	27.37 1.32 0.00	27.14 1.34 0.00	33.75 1.68 0.00	41.75 2.22 0.00	48.45 2.77 0.00	109.10 6.25 0.00	55.40 2.98 0.00	35.94 1.90 0.00	41.58 2.06 0.00	36.49 1.78 0.00	35.35 1.68 0.00	37.65 1.87 0.00	38.67 1.90 0.00	38.62 1.90 0.00	40.45 2.38 0.00	62.95 3.74 0.00	37.83 2.08 0.00	31.46 1.70 0.00	25.95 1.35 0.00	30.34 1.47 0.00	27.15 1.24 0.00
WARRENSBURG___ 23737	23.52 0.68 0.00	23.76 0.82 0.00	24.37 0.85 0.00	27.00 0.95 0.00	26.78 0.98 0.00	33.43 1.36 0.00	41.27 1.74 0.00	48.00 2.33 0.00	108.61 5.77 0.00	55.43 3.02 0.00	36.01 1.97 0.00	41.73 2.22 0.00	36.74 2.03 0.00	35.47 1.80 0.00	37.59 1.80 0.00	38.64 1.87 0.00	38.55 1.83 0.00	40.21 2.14 0.00	62.22 3.02 0.00	37.45 1.69 0.00	31.30 1.54 0.00	25.85 1.25 0.00	30.41 1.53 0.00	27.10 1.19 0.00
WATERSIDE___6 8 9 23538	23.94 1.11 0.00	24.02 1.08 0.00	24.62 1.10 0.00	27.24 1.19 0.00	27.04 1.24 0.00	33.62 1.56 0.00	41.53 2.00 0.00	46.53 2.56 1.70	108.89 6.05 0.00	55.32 2.90 0.00	35.94 1.90 0.00	14.17 2.08 27.42	34.58 1.84 1.98	26.07 1.75 9.35	-8.01 1.97 45.76	38.69 1.92 0.00	38.54 1.82 0.00	40.31 2.25 0.00	62.85 3.64 0.00	34.71 1.94 2.97	26.61 1.57 4.72	9.89 1.28 15.98	25.54 1.34 4.67	27.02 1.11 0.00
WATKINRD_115KV_LN8_ILLION 55919	22.99 0.15 0.00	23.06 0.12 0.00	23.66 0.13 0.00	26.19 0.14 0.00	25.97 0.17 0.00	32.23 0.17 0.00	39.81 0.28 0.00	46.12 0.45 0.00	104.07 1.23 0.00	52.90 0.49 0.00	34.33 0.29 0.00	39.75 0.24 0.00	34.93 0.22 0.00	33.87 0.20 0.00	36.03 0.24 0.00	36.98 0.21 0.00	36.87 0.15 0.00	38.45 0.38 0.00	59.81 0.61 0.00	36.03 0.27 0.00	30.02 0.27 0.00	24.82 0.22 0.00	29.08 0.21 0.00	26.02 0.11 0.00
WATSON___69_KV_BK 1 55734	24.69 1.85 0.00	24.77 1.83 0.00	25.42 1.90 0.00	48.84 2.20 -20.59	27.92 2.12 0.00	39.22 2.53 -4.62	102.01 3.71 -58.77	66.71 4.39 -16.64	111.63 8.78 0.00	56.40 3.99 0.00	36.80 2.76 0.00	42.39 2.88 0.00	37.37 2.63 -0.03	38.42 2.78 -1.97	41.28 3.18 -2.32	42.40 3.20 -2.43	39.71 2.99 0.00	41.56 3.49 0.00	64.70 5.50 0.00	38.71 2.95 0.00	38.48 2.58 -6.15	26.61 2.00 0.00	31.12 2.25 0.00	27.80 1.89 0.00
WDELAWARE___HYD 323627	23.71 0.87 0.00	23.80 0.85 0.00	24.41 0.88 0.00	27.05 1.00 0.00	26.83 1.03 0.00	33.38 1.31 0.00	41.33 1.80 0.00	47.97 2.29 0.00	108.00 5.15 0.00	54.91 2.50 0.00	35.59 1.55 0.00	41.15 1.64 0.00	35.44 0.73 0.00	34.10 0.43 0.00	36.31 0.53 0.00	37.29 0.52 0.00	37.25 0.53 0.00	38.98 0.91 0.00	60.67 1.47 0.00	36.57 0.82 0.00	31.11 1.35 0.00	25.65 1.05 0.00	29.97 1.10 0.00	26.82 0.91 0.00
WEST BABYLON___IC 23714	24.60 1.76 0.00	24.68 1.74 0.00	25.32 1.79 0.00	48.71 2.07 -20.59	27.81 2.01 0.00	39.09 2.41 -4.62	101.76 3.46 -58.77	66.46 4.15 -16.64	111.22 8.37 0.00	56.25 3.84 0.00	36.69 2.65 0.00	42.30 2.78 0.00	37.33 2.59 -0.03	38.32 2.68 -1.97	41.14 3.04 -2.32	42.27 3.06 -2.43	39.60 2.88 0.00	41.42 3.35 0.00	64.45 5.25 0.00	38.60 2.85 0.00	38.40 2.49 -6.15	26.53 1.93 0.00	31.02 2.15 0.00	27.71 1.81 0.00
WEST CANADA___HYD 24049	22.86 0.02 0.00	22.94 0.00 0.00	23.53 0.00 0.00	26.05 0.00 0.00	25.83 0.02 0.00	32.07 0.00 0.00	39.55 0.01 0.00	45.68 0.00 0.00	102.91 0.07 0.00	52.40 -0.01 0.00	34.02 -0.03 0.00	39.47 -0.05 0.00	34.68 -0.03 0.00	33.67 0.00 0.00	35.82 0.03 0.00	36.79 0.02 0.00	36.73 0.01 0.00	38.18 0.11 0.00	59.37 0.17 0.00	35.82 0.07 0.00	29.82 0.06 0.00	24.65 0.05 0.00	28.90 0.03 0.00	25.91 0.01 0.00
WESTERN_NY_WIND 24143	21.23 -1.61 0.00	21.15 -1.78 0.00	21.64 -1.88 0.00	24.05 -2.00 0.00	23.86 -1.95 0.00	29.92 -2.14 0.00	31.25 -2.63 5.66	35.48 -3.16 7.03	95.22 -7.56 0.06	44.82 -4.18 3.41	31.67 -2.38 0.00	36.78 -2.73 0.00	32.30 -2.41 0.00	31.15 -2.52 0.00	33.19 -2.60 0.00	34.29 -2.49 0.00	34.48 -2.24 0.00	36.25 -1.82 0.00	55.80 -3.40 0.00	33.58 -2.17 0.00	27.75 -2.01 0.00	22.94 -1.66 0.00	27.30 -1.58 0.00	24.75 -1.16 0.00
WESTOVER___LESR 323668	22.56 -0.28 0.00	22.57 -0.37 0.00	23.14 -0.39 0.00	25.60 -0.45 0.00	25.39 -0.42 0.00	31.58 -0.49 0.00	37.43 -0.62 1.48	42.62 -0.59 2.46	101.89 -0.93 0.02	50.63 -0.82 0.97	33.57 -0.47 0.00	39.07 -0.44 0.00	34.27 -0.44 0.00	33.30 -0.36 0.00	35.40 -0.38 0.00	36.44 -0.34 0.00	36.45 -0.27 0.00	38.04 -0.03 0.00	59.13 -0.07 0.00	35.56 -0.20 0.00	29.51 -0.25 0.00	24.38 -0.22 0.00	28.71 -0.17 0.00	25.74 -0.17 0.00
WETHRSFD_WT_PWR 323626	20.80 -2.04 0.00	20.63 -2.31 0.00	21.11 -2.42 0.00	23.44 -2.61 0.00	23.25 -2.55 0.00	28.91 -3.16 0.00	25.00 -3.93 10.60	28.04 -4.44 13.19	93.12 -9.60 0.12	38.05 -5.35 9.01	30.89 -3.16 0.00	36.14 -3.37 0.00	31.76 -2.95 0.00	30.66 -3.01 0.00	32.81 -2.98 0.00	34.00 -2.77 0.00	34.07 -2.65 0.00	35.70 -2.37 0.00	55.34 -3.86 0.00	33.43 -2.32 0.00	27.68 -2.08 0.00	22.92 -1.68 0.00	27.32 -1.55 0.00	24.71 -1.20 0.00
WHAVSTOR_138KV_BK127 55557	23.77 0.94 0.00	23.86 0.92 0.00	24.50 0.97 0.00	27.15 1.10 0.00	26.92 1.12 0.00	33.43 1.36 0.00	41.31 1.78 0.00	47.94 2.26 0.00	107.94 5.10 0.00	54.78 2.37 0.00	35.53 1.48 0.00	41.11 1.59 0.00	36.12 1.41 0.00	35.05 1.38 0.00	37.34 1.56 0.00	38.32 1.54 0.00	38.20 1.48 0.00	39.97 1.90 0.00	62.28 3.08 0.00	37.40 1.65 0.00	31.07 1.32 0.00	25.65 1.05 0.00	30.02 1.14 0.00	26.89 0.98 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	23.77 0.94 0.00	23.86 0.92 0.00	24.50 0.97 0.00	27.15 1.10 0.00	26.92 1.12 0.00	33.43 1.36 0.00	41.31 1.78 0.00	47.94 2.26 0.00	107.94 5.10 0.00	54.78 2.37 0.00	35.53 1.48 0.00	41.11 1.59 0.00	36.12 1.41 0.00	35.05 1.38 0.00	37.34 1.56 0.00	38.32 1.54 0.00	38.20 1.48 0.00	39.97 1.90 0.00	62.28 3.08 0.00	37.40 1.65 0.00	31.07 1.32 0.00	25.65 1.05 0.00	30.02 1.14 0.00	26.89 0.98 0.00
WHITEHAL_115KV_TB1 80871	23.77 0.93 0.00	24.15 1.21 0.00	24.80 1.28 0.00	27.50 1.45 0.00	27.25 1.45 0.00	34.32 2.25 0.00	42.24 2.71 0.00	49.06 3.38 0.00	110.98 8.13 0.00	56.61 4.20 0.00	36.85 2.80 0.00	42.61 3.10 0.00	37.66 2.95 0.00	36.40 2.73 0.00	38.87 3.09 0.00	39.93 3.16 0.00	39.80 3.08 0.00	41.51 3.44 0.00	63.76 4.56 0.00	38.33 2.57 0.00	32.31 2.56 0.00	26.69 2.09 0.00	31.22 2.34 0.00	27.72 1.82 0.00

WHITEPLN_13_KV_LOAD 356215	24.09 1.25 0.00	24.15 1.21 0.00	24.78 1.26 0.00	27.45 1.40 0.00	27.23 1.43 0.00	33.85 1.79 0.00	41.87 2.34 0.00	48.62 2.94 0.00	109.49 6.65 0.00	55.60 3.19 0.00	36.11 2.07 0.00	41.77 2.26 0.00	36.74 2.03 0.00	35.61 1.94 0.00	37.93 2.15 0.00	38.93 2.16 0.00	38.81 2.09 0.00	40.62 2.55 0.00	63.24 4.03 0.00	37.94 2.19 0.00	31.56 1.80 0.00	26.03 1.43 0.00	30.43 1.56 0.00	27.22 1.32 0.00
WM_FLOYD_69_KV_BK2 356380	24.52 1.68 0.00	24.62 1.68 0.00	25.28 1.76 0.00	48.70 2.06 -20.59	27.76 1.96 0.00	38.99 2.31 -4.62	101.94 3.64 -58.77	66.46 4.14 -16.64	110.68 7.83 0.00	55.83 3.42 0.00	36.52 2.48 0.00	41.81 2.30 0.00	36.88 2.14 -0.03	37.93 2.29 -1.97	40.94 2.84 -2.32	41.98 2.78 -2.43	39.24 2.52 0.00	41.05 2.98 0.00	63.92 4.72 0.00	38.15 2.40 0.00	38.14 2.24 -6.15	26.33 1.73 0.00	30.80 1.93 0.00	27.56 1.65 0.00
WOODARD__115KV_TB2 355635	22.20 -0.64 0.00	22.25 -0.69 0.00	22.80 -0.73 0.00	25.20 -0.85 0.00	24.99 -0.82 0.00	31.09 -0.97 0.00	38.31 -1.22 0.00	44.32 -1.36 0.00	99.89 -2.95 0.00	50.81 -1.61 0.00	33.05 -1.00 0.00	38.36 -1.15 0.00	33.70 -1.01 0.00	32.71 -0.95 0.00	34.78 -1.00 0.00	35.77 -1.01 0.00	35.76 -0.96 0.00	37.27 -0.80 0.00	57.87 -1.34 0.00	34.88 -0.87 0.00	28.99 -0.77 0.00	23.97 -0.63 0.00	28.11 -0.76 0.00	25.22 -0.69 0.00
YORK___WARBASSE 23770	24.06 1.22 0.00	24.13 1.19 0.00	24.72 1.20 0.00	27.36 1.32 0.00	27.17 1.37 0.00	33.78 1.72 0.00	41.73 2.20 0.00	56.80 2.77 -8.36	109.38 6.53 -0.01	55.56 3.15 0.00	36.09 2.04 0.00	176.49 2.30 -134.69	46.41 2.01 -9.70	81.48 1.90 -45.91	262.67 2.16 -224.73	38.90 2.12 0.00	38.74 2.02 0.00	40.50 2.43 0.00	63.19 3.99 -0.01	52.52 2.15 -14.62	54.67 1.74 -23.17	104.54 1.42 -78.51	53.35 1.51 -22.97	27.20 1.28 -0.01