

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

09/10/2026

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	39.27	38.15	39.76	37.71	37.58	40.44	50.74	49.79	37.01	37.68	46.23	42.58	39.17	41.04	44.09	49.32	59.64	62.74	50.71	54.01	180.41	47.04	44.07	47.91
24138	2.78	2.48	2.27	2.08	2.03	2.21	2.51	2.38	2.02	2.54	3.41	3.44	3.57	3.64	4.03	4.79	4.71	4.78	4.58	3.88	9.56	2.28	2.37	2.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.34	-2.63	-1.31	-2.75	-2.03	-0.13	-12.47	-15.65	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	39.41	38.29	39.90	37.84	37.70	40.58	50.84	49.77	37.04	37.75	46.31	42.63	39.17	41.07	44.12	49.35	59.68	62.81	50.80	54.15	180.91	47.21	44.29	48.19
24260	2.92	2.62	2.42	2.22	2.16	2.34	2.60	2.36	2.05	2.60	3.50	3.50	3.58	3.67	4.06	4.83	4.76	4.85	4.68	4.01	10.07	2.45	2.59	3.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.50	-2.62	-1.30	3.58	3.67	4.06	-0.13	-12.45	-15.63	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	39.41	38.29	39.90	37.84	37.70	40.58	50.84	49.77	37.04	37.75	46.31	42.63	39.17	41.07	44.12	49.35	59.68	62.81	50.80	54.15	180.91	47.21	44.29	48.19
24261	2.92	2.62	2.42	2.22	2.16	2.34	2.60	2.36	2.05	2.60	3.50	3.50	3.58	3.67	4.06	4.83	4.76	4.85	4.68	4.01	10.07	2.45	2.59	3.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.33	-2.62	-1.30	-2.75	-2.03	-0.13	-12.45	-15.63	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	38.44	37.48	39.30	37.37	37.30	40.09	50.83	49.92	36.56	36.35	39.49	37.58	35.30	35.70	39.01	45.47	43.58	44.11	48.34	52.44	178.44	46.78	43.88	47.19
24011	1.95	1.81	1.82	1.75	1.75	1.85	2.60	2.51	1.57	1.21	1.02	1.07	1.00	1.05	0.98	1.08	1.12	1.79	2.22	2.30	7.60	2.01	2.18	2.16
	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
ADK RESOURCE___RCVRY	38.58	37.59	39.38	37.45	37.36	40.13	50.99	50.11	36.68	36.40	39.46	37.62	35.33	35.74	39.07	45.48	43.62	44.20	48.49	52.66	179.18	47.05	44.20	47.47
23798	2.09	1.92	1.89	1.82	1.81	1.90	2.75	2.71	1.69	1.26	0.98	1.11	1.04	1.09	1.04	1.09	1.16	1.88	2.36	2.53	8.34	2.29	2.50	2.44
	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	38.44	37.48	39.30	37.37	37.30	40.09	50.83	49.92	36.56	36.35	39.49	37.58	35.30	35.70	39.01	45.47	43.58	44.11	48.34	52.44	178.44	46.78	43.88	47.19
24028	1.95	1.81	1.82	1.75	1.75	1.85	2.60	2.51	1.57	1.21	1.02	1.07	1.00	1.05	0.98	1.08	1.12	1.79	2.22	2.30	7.60	2.01	2.18	2.16
	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
ADK_NYS___DAM	38.14	37.27	39.09	37.17	37.05	39.82	50.30	49.44	36.39	36.27	39.87	37.27	35.12	35.51	38.81	45.31	42.81	42.84	46.53	50.26	172.35	45.39	42.66	46.12
23527	1.65	1.60	1.60	1.55	1.50	1.58	2.07	2.03	1.40	1.13	0.78	0.76	0.83	0.85	0.77	0.92	0.35	0.52	0.40	0.13	1.50	0.63	0.96	1.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.62	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	37.21	36.41	38.25	36.39	36.32	39.05	49.03	48.22	35.61	35.70	39.56	37.03	34.78	35.13	38.43	44.90	42.85	42.90	46.62	50.30	170.84	44.78	41.87	45.27
24190	0.72	0.74	0.77	0.76	0.78	0.81	0.80	0.81	0.62	0.56	0.51	0.52	0.49	0.47	0.40	0.51	0.38	0.58	0.49	0.17	-0.01	0.02	0.17	0.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.57	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	36.35	35.58	37.46	35.64	35.47	38.15	48.17	47.36	35.09	35.10	38.34	36.35	33.97	34.38	37.66	43.90	41.95	41.76	45.56	50.04	172.04	45.07	41.77	45.05
355683	-0.15	-0.09	-0.03	0.01	-0.08	-0.09	-0.06	-0.05	0.10	-0.04	-0.13	-0.16	-0.32	-0.27	-0.37	-0.49	-0.51	-0.56	-0.56	-0.10	1.19	0.31	0.07	0.01
	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	37.86	37.07	38.87	36.96	36.92	39.71	49.92	48.94	35.89	35.83	39.04	37.13	21.69	-8.63	11.61	44.41	42.40	42.56	46.55	50.35	170.86	44.80	41.89	45.51
323833	1.36	1.40	1.38	1.34	1.37	1.48	1.69	1.53	0.90	0.69	0.56	0.61	0.36	0.16	0.12	0.01	-0.07	0.24	0.43	0.22	0.02	0.04	0.19	0.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.96	43.45	26.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	37.85	37.06	38.86	36.96	36.90	39.71	49.90	48.92	35.89	35.82	39.03	37.12	21.69	-8.62	11.65	44.38	42.38	42.55	46.53	50.34	170.75	44.77	41.87	45.49
323834	1.36	1.38	1.37	1.33	1.36	1.46	1.67	1.51	0.90	0.68	0.55	0.61	0.35	0.15	0.11	-0.01	-0.08	0.23	0.40	0.20	-0.10	0.01	0.17	0.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.95	43.43	26.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	37.21	36.41	38.25	36.39	36.32	39.05	49.03	48.22	35.61	35.70	39.56	37.03	34.78	35.13	38.43	44.90	42.85	42.90	46.62	50.30	170.84	44.78	41.87	45.27
23571	0.72	0.74	0.77	0.76	0.78	0.81	0.80	0.81	0.62	0.56	0.51	0.52	0.49	0.47	0.40	0.51	0.38	0.58	0.49	0.17	-0.01	0.02	0.17	0.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.57	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	37.21 0.72 0.00	36.41 0.74 0.00	38.25 0.77 0.00	36.39 0.76 0.00	36.32 0.78 0.00	39.05 0.81 0.00	49.03 0.80 0.00	48.22 0.81 0.00	35.61 0.62 0.00	35.70 0.56 0.00	39.56 0.51 -0.57	37.03 0.52 0.00	34.78 0.49 0.00	35.13 0.47 0.00	38.43 0.40 0.00	44.90 0.51 0.00	42.85 0.38 0.00	42.90 0.58 0.00	46.62 0.49 0.00	50.30 0.17 0.00	170.84 -0.01 0.00	44.78 0.02 0.00	41.87 0.17 0.00	45.27 0.24 0.00
ALBANY___3 23573	37.21 0.72 0.00	36.41 0.74 0.00	38.25 0.77 0.00	36.39 0.76 0.00	36.32 0.78 0.00	39.05 0.81 0.00	49.03 0.80 0.00	48.22 0.81 0.00	35.61 0.62 0.00	35.70 0.56 0.00	39.56 0.51 -0.57	37.03 0.52 0.00	34.78 0.49 0.00	35.13 0.47 0.00	38.43 0.40 0.00	44.90 0.51 0.00	42.85 0.38 0.00	42.90 0.58 0.00	46.62 0.49 0.00	50.30 0.17 0.00	170.84 -0.01 0.00	44.78 0.02 0.00	41.87 0.17 0.00	45.27 0.24 0.00
ALBANY___4 23574	37.21 0.72 0.00	36.41 0.74 0.00	38.25 0.77 0.00	36.39 0.76 0.00	36.32 0.78 0.00	39.05 0.81 0.00	49.03 0.80 0.00	48.22 0.81 0.00	35.61 0.62 0.00	35.70 0.56 0.00	39.56 0.51 -0.57	37.03 0.52 0.00	34.78 0.49 0.00	35.13 0.47 0.00	38.43 0.40 0.00	44.90 0.51 0.00	42.85 0.38 0.00	42.90 0.58 0.00	46.62 0.49 0.00	50.30 0.17 0.00	170.84 -0.01 0.00	44.78 0.02 0.00	41.87 0.17 0.00	45.27 0.24 0.00
ALBANY___LFGE 323615	37.60 1.11 0.00	36.78 1.10 0.00	38.62 1.14 0.00	36.74 1.11 0.00	36.67 1.13 0.00	39.44 1.20 0.00	49.57 1.34 0.00	48.74 1.33 0.00	35.98 0.99 0.00	36.08 0.94 0.00	39.96 0.90 -0.58	37.42 0.91 0.00	35.16 0.87 0.00	35.50 0.85 0.00	38.86 0.83 0.00	45.43 1.04 0.00	43.36 0.89 0.00	43.44 1.12 0.00	47.21 1.08 0.00	50.89 0.76 0.00	172.86 2.02 0.00	45.29 0.52 0.00	42.32 0.62 0.00	45.73 0.70 0.00
ALCOA_PA_115KV_PL-6C 55860	36.49 0.00 0.00	35.75 0.08 0.00	37.66 0.17 0.00	35.83 0.20 0.00	35.66 0.11 0.00	38.36 0.12 0.00	48.49 0.26 0.00	47.64 0.23 0.00	35.20 0.21 0.00	35.28 0.14 0.00	38.49 0.01 0.00	36.45 -0.06 0.00	34.09 -0.20 0.00	34.51 -0.14 0.00	37.75 -0.28 0.00	43.96 -0.43 0.00	42.00 -0.47 0.00	41.78 -0.54 0.00	45.69 -0.43 0.00	50.20 0.07 0.00	172.64 1.79 0.00	45.29 0.53 0.00	41.99 0.29 0.00	45.30 0.27 0.00
ALCOA_RYNLDS___DRP 24188	36.49 0.00 0.00	35.75 0.08 0.00	37.66 0.17 0.00	35.83 0.20 0.00	35.66 0.11 0.00	38.36 0.12 0.00	48.49 0.26 0.00	47.64 0.23 0.00	35.20 0.21 0.00	35.28 0.14 0.00	38.48 0.01 0.00	36.45 -0.06 0.00	34.09 -0.20 0.00	34.51 -0.14 0.00	37.75 -0.28 0.00	43.97 -0.42 0.00	41.99 -0.47 0.00	41.78 -0.54 0.00	45.69 -0.43 0.00	50.20 0.07 0.00	172.61 1.77 0.00	45.29 0.53 0.00	41.98 0.29 0.00	45.30 0.27 0.00
ALCOA___DSASP 323711	36.49 0.00 0.00	35.75 0.08 0.00	37.66 0.17 0.00	35.83 0.20 0.00	35.66 0.11 0.00	38.36 0.12 0.00	48.49 0.26 0.00	47.64 0.23 0.00	35.20 0.21 0.00	35.28 0.14 0.00	38.48 0.01 0.00	36.45 -0.06 0.00	34.09 -0.20 0.00	34.51 -0.14 0.00	37.75 -0.28 0.00	43.97 -0.42 0.00	41.99 -0.47 0.00	41.78 -0.54 0.00	45.69 -0.43 0.00	50.20 0.07 0.00	172.61 1.77 0.00	45.29 0.53 0.00	41.98 0.29 0.00	45.30 0.27 0.00
ALLEGHENY___COGEN 23514	36.05 -0.44 0.00	35.45 -0.22 0.00	37.33 -0.16 0.00	35.35 -0.28 0.00	35.43 -0.12 0.00	38.37 0.13 0.00	49.20 0.96 0.00	48.35 0.94 0.00	35.00 0.02 0.00	34.65 -0.49 0.00	37.55 -0.92 0.00	35.78 -0.73 0.00	55.27 -1.07 -22.05	71.44 -1.19 -37.98	68.20 -1.32 -31.48	86.35 -1.76 -43.71	78.91 -0.53 -36.97	59.52 -0.13 -17.32	46.79 0.67 0.00	51.57 1.49 0.05	175.95 5.10 0.00	45.95 1.19 0.00	42.64 0.94 0.00	45.90 0.91 0.05
ALTAMONT_115KV_TB 2 55880	37.35 0.86 0.00	36.53 0.86 0.00	38.38 0.90 0.00	36.48 0.85 0.00	36.43 0.88 0.00	39.16 0.92 0.00	49.23 1.00 0.00	48.36 0.95 0.00	35.67 0.68 0.00	35.80 0.66 0.00	39.17 0.69 0.00	37.17 0.65 0.00	35.69 0.65 -0.74	37.78 0.64 -2.49	40.42 0.62 -1.77	45.16 0.77 0.00	43.13 0.66 0.00	43.17 0.85 0.00	46.99 0.87 0.00	50.76 0.63 0.00	172.37 1.52 0.00	45.18 0.41 0.00	42.21 0.51 0.00	45.66 0.62 0.00
ALTONA_WT_PWR 323606	35.87 -0.62 0.00	35.07 -0.60 0.00	37.00 -0.49 0.00	35.32 -0.31 0.00	35.18 -0.37 0.00	37.74 -0.50 0.00	47.77 -0.46 0.00	46.90 -0.51 0.00	34.63 -0.36 0.00	34.68 -0.46 0.00	37.83 -0.65 0.00	35.80 -0.71 0.00	33.50 -0.79 0.00	33.90 -0.75 0.00	37.19 -0.84 0.00	43.55 -0.84 0.00	41.83 -0.64 0.00	41.83 -0.49 0.00	45.82 -0.31 0.00	50.22 0.08 0.00	172.41 1.56 0.00	45.33 0.56 0.00	42.03 0.33 0.00	45.34 0.31 0.00
AMERICAN_REF_FUEL 24010	33.00 -3.49 0.00	32.50 -3.17 0.00	34.29 -3.19 0.00	32.43 -3.20 0.00	32.50 -3.05 0.00	35.21 -3.03 0.00	45.14 -3.09 0.00	44.12 -3.29 0.00	32.68 -2.31 0.00	32.99 -2.15 0.00	35.80 -2.68 0.00	34.05 -2.46 0.00	26.39 -2.37 5.53	22.66 -2.41 9.58	27.49 -2.57 7.97	29.85 -3.47 11.07	30.49 -2.61 9.36	34.89 -3.05 4.38	42.70 -3.42 0.00	46.35 -3.71 0.06	159.34 -11.50 0.00	41.98 -2.75 0.02	38.57 -2.52 0.62	41.89 -2.79 0.35
ARKWRIGHT___SUMMIT_WT_PWR 323751	33.89 -2.60 0.00	33.56 -2.11 0.00	35.42 -2.06 0.00	33.46 -2.16 0.00	33.59 -1.96 0.00	36.30 -1.94 0.00	46.77 -1.46 0.00	46.71 -0.70 0.00	34.45 -0.54 0.00	34.85 -0.29 0.00	38.02 -0.45 0.00	36.23 -0.28 0.00	28.47 -0.76 5.07	24.59 -1.28 8.79	29.40 -1.31 7.32	32.46 -1.77 10.16	33.22 -0.65 8.59	37.80 -0.50 4.02	45.93 -0.19 0.00	49.36 -0.72 0.06	167.65 -3.19 0.00	43.53 -1.20 0.03	39.95 -0.88 0.87	43.61 -0.96 0.46
ARTHUR KILL_GT_1 23520	39.18 2.68 0.00	38.10 2.43 0.00	39.72 2.23 0.00	37.67 2.04 0.00	37.53 1.98 0.00	40.40 2.16 0.00	50.44 2.21 0.00	49.32 1.91 0.00	36.78 1.79 0.00	37.33 2.19 0.00	45.80 3.00 -4.33	42.06 2.93 -2.62	38.68 3.09 -1.30	40.64 3.24 -2.75	43.60 3.54 -2.03	48.74 4.22 -0.13	59.13 4.21 -12.45	62.37 4.41 -15.63	50.15 4.03 0.00	53.46 3.33 0.00	178.23 7.38 0.00	46.89 2.13 0.00	43.94 2.24 0.00	47.69 2.66 0.00
ARTHUR_KILL_2 23512	39.04 2.55 0.00	37.98 2.30 0.00	39.59 2.10 0.00	37.54 1.92 0.00	37.41 1.87 0.00	40.26 2.02 0.00	50.25 2.02 0.00	49.13 1.72 0.00	36.64 1.66 0.00	37.20 2.06 0.00	45.67 2.86 -4.33	41.94 2.81 -2.62	38.55 2.95 -1.30	40.49 3.09 -2.75	43.45 3.39 -2.03	48.53 4.01 -0.13	58.93 4.01 -12.45	62.17 4.21 -15.63	49.94 3.81 0.00	53.25 3.12 0.00	177.42 6.57 0.00	46.71 1.95 0.00	43.76 2.06 0.00	47.52 2.49 0.00
ARTHUR_KILL_3 23513	39.01 2.52 0.00	37.90 2.23 0.00	39.49 2.00 0.00	37.44 1.81 0.00	37.30 1.75 0.00	40.13 1.90 0.00	50.23 2.00 0.00	49.22 1.81 0.00	36.58 1.59 0.00	37.21 2.07 0.00	45.72 2.91 -4.33	42.09 2.96 -2.62	38.72 3.12 -1.31	40.62 3.22 -2.75	43.63 3.57 -2.03	48.79 4.27 -0.13	59.17 4.25 -12.46	62.30 4.34 -15.64	50.29 4.17 0.00	53.62 3.49 0.00	178.98 8.13 0.00	46.73 1.97 0.00	43.78 2.08 0.00	47.58 2.54 0.00

ARTHUR_KILL_COGEN 323718	39.18 2.68 0.00	38.10 2.43 0.00	39.72 2.23 0.00	37.67 2.04 0.00	37.53 1.98 0.00	40.39 2.16 0.00	50.43 2.20 0.00	49.32 1.91 0.00	36.78 1.79 0.00	37.32 2.18 0.00	45.80 2.99 -4.33	42.07 2.93 -2.62	38.68 3.08 -1.30	40.63 3.23 -2.75	43.59 3.53 -2.03	48.73 4.20 -0.13	59.13 4.21 -12.45	62.36 4.41 -15.63	50.15 4.03 0.00	53.46 3.33 0.00	178.20 7.35 0.00	46.89 2.13 0.00	43.93 2.23 0.00	47.69 2.66 0.00
ASHOKAN____ 23654	38.40 1.91 0.00	37.39 1.72 0.00	38.99 1.51 0.00	37.04 1.41 0.00	36.97 1.42 0.00	39.78 1.54 0.00	50.04 1.81 0.00	49.21 1.80 0.00	36.47 1.48 0.00	36.63 1.49 0.00	40.17 1.70 0.00	38.36 1.85 0.00	24.26 2.04 12.08	-3.53 2.30 40.48	11.47 2.52 29.08	47.40 3.01 0.00	48.96 2.99 -3.50	49.71 2.88 -4.52	49.29 3.16 0.00	53.00 2.86 0.00	178.05 7.21 0.00	46.47 1.71 0.00	43.30 1.60 0.00	46.70 1.67 0.00
ASTORIA_EAST_ENERGY_CC1 323581	38.98 2.49 0.00	37.88 2.21 0.00	39.44 1.95 0.00	37.43 1.80 0.00	37.30 1.75 0.00	40.14 1.90 0.00	50.22 1.99 0.00	49.19 1.78 0.00	36.61 1.63 0.00	37.17 2.03 0.00	45.70 2.89 -4.33	42.10 2.97 -2.62	38.74 3.15 -1.30	40.54 3.14 -2.75	43.61 3.55 -2.03	48.68 4.16 -0.13	58.98 4.05 -12.45	62.25 4.29 -15.63	50.05 3.93 0.00	53.29 3.16 0.00	178.03 7.18 0.00	46.60 1.84 0.00	43.69 1.99 0.00	47.47 2.43 0.00
ASTORIA_EAST_ENERGY_CC2 323582	38.98 2.49 0.00	37.88 2.21 0.00	39.44 1.95 0.00	37.43 1.80 0.00	37.30 1.75 0.00	40.14 1.90 0.00	50.22 1.99 0.00	49.19 1.78 0.00	36.61 1.63 0.00	37.17 2.03 0.00	45.70 2.89 -4.33	42.10 2.97 -2.62	38.74 3.15 -1.30	40.54 3.14 -2.75	43.61 3.55 -2.03	48.68 4.16 -0.13	58.98 4.05 -12.45	62.25 4.29 -15.63	50.05 3.93 0.00	53.29 3.16 0.00	178.03 7.18 0.00	46.60 1.84 0.00	43.69 1.99 0.00	47.47 2.43 0.00
ASTORIA_GT2_1 24094	39.00 2.51 0.00	37.91 2.24 0.00	39.46 1.97 0.00	37.45 1.83 0.00	37.32 1.77 0.00	40.17 1.93 0.00	50.25 2.02 0.00	49.22 1.81 0.00	36.63 1.64 0.00	37.20 2.06 0.00	45.73 2.92 -4.33	42.11 2.98 -2.62	38.76 3.17 -1.30	40.57 3.17 -2.75	43.64 3.58 -2.03	48.73 4.21 -0.13	58.99 4.08 -12.45	62.28 4.32 -15.63	50.08 3.96 0.00	53.32 3.19 0.00	178.21 7.37 0.00	46.64 1.88 0.00	43.72 2.02 0.00	47.50 2.46 0.00
ASTORIA_GT2_2 24095	39.00 2.51 0.00	37.91 2.24 0.00	39.46 1.97 0.00	37.45 1.83 0.00	37.32 1.77 0.00	40.17 1.93 0.00	50.25 2.02 0.00	49.22 1.81 0.00	36.63 1.64 0.00	37.20 2.06 0.00	45.73 2.92 -4.33	42.11 2.98 -2.62	38.76 3.17 -1.30	40.57 3.17 -2.75	43.64 3.58 -2.03	48.73 4.21 -0.13	58.99 4.08 -12.45	62.28 4.32 -15.63	50.08 3.96 0.00	53.32 3.19 0.00	178.21 7.37 0.00	46.64 1.88 0.00	43.72 2.02 0.00	47.50 2.46 0.00
ASTORIA_GT2_3 24096	39.00 2.51 0.00	37.91 2.24 0.00	39.46 1.97 0.00	37.45 1.83 0.00	37.32 1.77 0.00	40.17 1.93 0.00	50.25 2.02 0.00	49.22 1.81 0.00	36.63 1.64 0.00	37.20 2.06 0.00	45.73 2.92 -4.33	42.11 2.98 -2.62	38.76 3.17 -1.30	40.57 3.17 -2.75	43.64 3.58 -2.03	48.73 4.21 -0.13	58.99 4.08 -12.45	62.28 4.32 -15.63	50.08 3.96 0.00	53.32 3.19 0.00	178.21 7.37 0.00	46.64 1.88 0.00	43.72 2.02 0.00	47.50 2.46 0.00
ASTORIA_GT2_4 24097	39.00 2.51 0.00	37.91 2.24 0.00	39.46 1.97 0.00	37.45 1.83 0.00	37.32 1.77 0.00	40.17 1.93 0.00	50.25 2.02 0.00	49.22 1.81 0.00	36.63 1.64 0.00	37.20 2.06 0.00	45.73 2.92 -4.33	42.11 2.98 -2.62	38.76 3.17 -1.30	40.57 3.17 -2.75	43.64 3.58 -2.03	48.73 4.21 -0.13	58.99 4.08 -12.45	62.28 4.32 -15.63	50.08 3.96 0.00	53.32 3.19 0.00	178.21 7.37 0.00	46.64 1.88 0.00	43.72 2.02 0.00	47.50 2.46 0.00
ASTORIA_GT3_1 24098	39.00 2.51 0.00	37.91 2.24 0.00	39.46 1.97 0.00	37.45 1.83 0.00	37.32 1.77 0.00	40.17 1.93 0.00	50.25 2.02 0.00	49.22 1.81 0.00	36.63 1.64 0.00	37.20 2.06 0.00	45.73 2.92 -4.33	42.11 2.98 -2.62	38.76 3.17 -1.30	40.57 3.17 -2.75	43.64 3.58 -2.03	48.73 4.21 -0.13	58.99 4.08 -12.45	62.28 4.32 -15.63	50.08 3.96 0.00	53.32 3.19 0.00	178.21 7.37 0.00	46.64 1.88 0.00	43.72 2.02 0.00	47.50 2.46 0.00
ASTORIA_GT3_2 24099	39.00 2.51 0.00	37.91 2.24 0.00	39.46 1.97 0.00	37.45 1.83 0.00	37.32 1.77 0.00	40.17 1.93 0.00	50.25 2.02 0.00	49.22 1.81 0.00	36.63 1.64 0.00	37.20 2.06 0.00	45.73 2.92 -4.33	42.11 2.98 -2.62	38.76 3.17 -1.30	40.57 3.17 -2.75	43.64 3.58 -2.03	48.73 4.21 -0.13	58.99 4.08 -12.45	62.28 4.32 -15.63	50.08 3.96 0.00	53.32 3.19 0.00	178.21 7.37 0.00	46.64 1.88 0.00	43.72 2.02 0.00	47.50 2.46 0.00
ASTORIA_GT3_3 24100	39.00 2.51 0.00	37.91 2.24 0.00	39.46 1.97 0.00	37.45 1.83 0.00	37.32 1.77 0.00	40.17 1.93 0.00	50.25 2.02 0.00	49.22 1.81 0.00	36.63 1.64 0.00	37.20 2.06 0.00	45.73 2.92 -4.33	42.11 2.98 -2.62	38.76 3.17 -1.30	40.57 3.17 -2.75	43.64 3.58 -2.03	48.73 4.21 -0.13	58.99 4.08 -12.45	62.28 4.32 -15.63	50.08 3.96 0.00	53.32 3.19 0.00	178.21 7.37 0.00	46.64 1.88 0.00	43.72 2.02 0.00	47.50 2.46 0.00
ASTORIA_GT3_4 24101	39.00 2.51 0.00	37.91 2.24 0.00	39.46 1.97 0.00	37.45 1.83 0.00	37.32 1.77 0.00	40.17 1.93 0.00	50.25 2.02 0.00	49.22 1.81 0.00	36.63 1.64 0.00	37.20 2.06 0.00	45.73 2.92 -4.33	42.11 2.98 -2.62	38.76 3.17 -1.30	40.57 3.17 -2.75	43.64 3.58 -2.03	48.73 4.21 -0.13	58.99 4.08 -12.45	62.28 4.32 -15.63	50.08 3.96 0.00	53.32 3.19 0.00	178.21 7.37 0.00	46.64 1.88 0.00	43.72 2.02 0.00	47.50 2.46 0.00
ASTORIA_GT4_1 24102	39.00 2.51 0.00	37.91 2.24 0.00	39.46 1.97 0.00	37.45 1.83 0.00	37.32 1.77 0.00	40.17 1.93 0.00	50.25 2.02 0.00	49.22 1.81 0.00	36.63 1.64 0.00	37.20 2.06 0.00	45.73 2.92 -4.33	42.11 2.98 -2.62	38.76 3.17 -1.30	40.57 3.17 -2.75	43.64 3.58 -2.03	48.73 4.21 -0.13	58.99 4.08 -12.45	62.28 4.32 -15.63	50.08 3.96 0.00	53.32 3.19 0.00	178.21 7.37 0.00	46.64 1.88 0.00	43.72 2.02 0.00	47.50 2.46 0.00
ASTORIA_GT4_2 24103	39.00 2.51 0.00	37.91 2.24 0.00	39.46 1.97 0.00	37.45 1.83 0.00	37.32 1.77 0.00	40.17 1.93 0.00	50.25 2.02 0.00	49.22 1.81 0.00	36.63 1.64 0.00	37.20 2.06 0.00	45.73 2.92 -4.33	42.11 2.98 -2.62	38.76 3.17 -1.30	40.57 3.17 -2.75	43.64 3.58 -2.03	48.73 4.21 -0.13	58.99 4.08 -12.45	62.28 4.32 -15.63	50.08 3.96 0.00	53.32 3.19 0.00	178.21 7.37 0.00	46.64 1.88 0.00	43.72 2.02 0.00	47.50 2.46 0.00
ASTORIA_GT4_3 24104	39.00 2.51 0.00	37.91 2.24 0.00	39.46 1.97 0.00	37.45 1.83 0.00	37.32 1.77 0.00	40.17 1.93 0.00	50.25 2.02 0.00	49.22 1.81 0.00	36.63 1.64 0.00	37.20 2.06 0.00	45.73 2.92 -4.33	42.11 2.98 -2.62	38.76 3.17 -1.30	40.57 3.17 -2.75	43.64 3.58 -2.03	48.73 4.21 -0.13	58.99 4.08 -12.45	62.28 4.32 -15.63	50.08 3.96 0.00	53.32 3.19 0.00	178.21 7.37 0.00	46.64 1.88 0.00	43.72 2.02 0.00	47.50 2.46 0.00

ASTORIA_GT4_4 24105	39.00 2.51 0.00	37.91 2.24 0.00	39.46 1.97 0.00	37.45 1.83 0.00	37.32 1.77 0.00	40.17 1.93 0.00	50.25 2.02 0.00	49.22 1.81 0.00	36.63 1.64 0.00	37.20 2.06 0.00	45.73 2.92 -4.33	42.11 2.98 -2.62	38.76 3.17 -1.30	40.57 3.17 -2.75	43.64 3.58 -2.03	48.73 4.21 -0.13	58.99 4.08 -12.45	62.28 4.32 -15.63	50.08 3.96 0.00	53.32 3.19 0.00	178.21 7.37 0.00	46.64 1.88 0.00	43.72 2.02 0.00	47.50 2.46 0.00
ASTORIA_GT_1 23523	39.08 2.59 0.00	37.98 2.31 0.00	39.53 2.05 0.00	37.52 1.89 0.00	37.39 1.84 0.00	40.25 2.01 0.00	50.37 2.14 0.00	49.34 1.93 0.00	36.71 1.73 0.00	37.29 2.15 0.00	45.84 3.03 -4.33	42.22 3.09 -2.62	38.86 3.26 -1.30	40.67 3.27 -2.75	43.75 3.69 -2.03	48.87 4.35 -0.13	59.12 4.20 -12.45	62.40 4.45 -15.63	50.21 4.09 0.00	53.46 3.33 0.00	178.66 7.81 0.00	46.76 2.00 0.00	43.82 2.12 0.00	47.60 2.57 0.00
ASTORIA_GT_10 24110	39.05 2.55 0.00	37.95 2.28 0.00	39.55 2.07 0.00	37.51 1.89 0.00	37.38 1.83 0.00	40.22 1.98 0.00	50.32 2.09 0.00	49.28 1.87 0.00	36.69 1.71 0.00	37.32 2.18 0.00	45.86 3.05 -4.33	42.21 3.08 -2.62	38.81 3.21 -1.30	40.65 3.25 -2.75	43.67 3.61 -2.03	48.77 4.25 -0.13	59.05 4.13 -12.45	62.24 4.28 -15.63	50.12 3.99 0.00	53.43 3.30 0.00	178.38 7.53 0.00	46.65 1.89 0.00	43.79 2.09 0.00	47.62 2.58 0.00
ASTORIA_GT_11 24225	39.05 2.55 0.00	37.95 2.28 0.00	39.55 2.07 0.00	37.51 1.89 0.00	37.38 1.83 0.00	40.22 1.98 0.00	50.32 2.09 0.00	49.28 1.87 0.00	36.69 1.71 0.00	37.32 2.18 0.00	45.86 3.05 -4.33	42.21 3.08 -2.62	38.81 3.21 -1.30	40.65 3.25 -2.75	43.67 3.61 -2.03	48.77 4.25 -0.13	59.05 4.13 -12.45	62.24 4.28 -15.63	50.12 3.99 0.00	53.43 3.30 0.00	178.38 7.53 0.00	46.65 1.89 0.00	43.79 2.09 0.00	47.62 2.58 0.00
ASTORIA_GT_12 24226	39.05 2.55 0.00	37.95 2.28 0.00	39.55 2.07 0.00	37.51 1.89 0.00	37.38 1.83 0.00	40.22 1.98 0.00	50.32 2.09 0.00	49.28 1.87 0.00	36.69 1.71 0.00	37.32 2.18 0.00	45.86 3.05 -4.33	42.21 3.08 -2.62	38.81 3.21 -1.30	40.65 3.25 -2.75	43.67 3.61 -2.03	48.77 4.25 -0.13	59.05 4.13 -12.45	62.24 4.28 -15.63	50.12 3.99 0.00	53.43 3.30 0.00	178.38 7.53 0.00	46.65 1.89 0.00	43.79 2.09 0.00	47.62 2.58 0.00
ASTORIA_GT_13 24227	39.05 2.55 0.00	37.95 2.28 0.00	39.55 2.07 0.00	37.51 1.89 0.00	37.38 1.83 0.00	40.22 1.98 0.00	50.32 2.09 0.00	49.28 1.87 0.00	36.69 1.71 0.00	37.32 2.18 0.00	45.86 3.05 -4.33	42.21 3.08 -2.62	38.81 3.21 -1.30	40.65 3.25 -2.75	43.67 3.61 -2.03	48.77 4.25 -0.13	59.05 4.13 -12.45	62.24 4.28 -15.63	50.12 3.99 0.00	53.43 3.30 0.00	178.38 7.53 0.00	46.65 1.89 0.00	43.79 2.09 0.00	47.62 2.58 0.00
ASTORIA_GT_5 24106	39.08 2.59 0.00	37.98 2.31 0.00	39.53 2.05 0.00	37.52 1.89 0.00	37.39 1.84 0.00	40.25 2.01 0.00	50.37 2.14 0.00	49.34 1.93 0.00	36.71 1.73 0.00	37.29 2.15 0.00	45.84 3.03 -4.33	42.22 3.09 -2.62	38.86 3.26 -1.30	40.67 3.27 -2.75	43.75 3.69 -2.03	48.87 4.35 -0.13	59.12 4.20 -12.45	62.40 4.45 -15.63	50.21 4.09 0.00	53.46 3.33 0.00	178.66 7.81 0.00	46.76 2.00 0.00	43.82 2.12 0.00	47.60 2.57 0.00
ASTORIA_GT_7 24107	39.08 2.59 0.00	37.98 2.31 0.00	39.53 2.05 0.00	37.52 1.89 0.00	37.39 1.84 0.00	40.25 2.01 0.00	50.37 2.14 0.00	49.34 1.93 0.00	36.71 1.73 0.00	37.29 2.15 0.00	45.84 3.03 -4.33	42.22 3.09 -2.62	38.86 3.26 -1.30	40.67 3.27 -2.75	43.75 3.69 -2.03	48.87 4.35 -0.13	59.12 4.20 -12.45	62.40 4.45 -15.63	50.21 4.09 0.00	53.46 3.33 0.00	178.66 7.81 0.00	46.76 2.00 0.00	43.82 2.12 0.00	47.60 2.57 0.00
ASTORIA_GT_8 24108	39.08 2.59 0.00	37.98 2.31 0.00	39.53 2.05 0.00	37.52 1.89 0.00	37.39 1.84 0.00	40.25 2.01 0.00	50.37 2.14 0.00	49.34 1.93 0.00	36.71 1.73 0.00	37.29 2.15 0.00	45.84 3.03 -4.33	42.22 3.09 -2.62	38.86 3.26 -1.30	40.67 3.27 -2.75	43.75 3.69 -2.03	48.87 4.35 -0.13	59.12 4.20 -12.45	62.40 4.45 -15.63	50.21 4.09 0.00	53.46 3.33 0.00	178.66 7.81 0.00	46.76 2.00 0.00	43.82 2.12 0.00	47.60 2.57 0.00
ASTORIA___2 24149	39.00 2.50 0.00	37.91 2.24 0.00	39.46 1.97 0.00	37.45 1.82 0.00	37.32 1.77 0.00	40.17 1.93 0.00	50.25 2.02 0.00	49.22 1.82 0.00	36.63 1.64 0.00	37.19 2.05 0.00	45.73 2.92 -4.33	42.12 2.98 -2.62	38.75 3.16 -1.30	40.56 3.16 -2.75	43.63 3.57 -2.03	48.70 4.18 -0.13	58.99 4.07 -12.45	62.28 4.32 -15.63	50.08 3.96 0.00	53.31 3.18 0.00	178.15 7.30 0.00	46.64 1.88 0.00	43.72 2.02 0.00	47.49 2.46 0.00
ASTORIA___3 23516	39.04 2.55 0.00	37.95 2.28 0.00	39.55 2.06 0.00	37.51 1.89 0.00	37.37 1.83 0.00	40.22 1.98 0.00	50.32 2.09 0.00	49.28 1.87 0.00	36.70 1.71 0.00	37.32 2.18 0.00	45.86 3.05 -4.33	42.21 3.08 -2.62	38.81 3.21 -1.30	40.64 3.24 -2.75	43.67 3.60 -2.03	48.75 4.23 -0.13	59.04 4.12 -12.45	62.23 4.28 -15.63	50.12 3.99 0.00	53.42 3.29 0.00	178.34 7.50 0.00	46.65 1.89 0.00	43.79 2.09 0.00	47.61 2.58 0.00
ASTORIA___4 23517	39.05 2.55 0.00	37.95 2.28 0.00	39.55 2.07 0.00	37.51 1.89 0.00	37.38 1.83 0.00	40.22 1.98 0.00	50.32 2.09 0.00	49.28 1.87 0.00	36.69 1.71 0.00	37.32 2.18 0.00	45.86 3.05 -4.33	42.21 3.08 -2.62	38.81 3.21 -1.30	40.65 3.25 -2.75	43.67 3.61 -2.03	48.77 4.25 -0.13	59.05 4.13 -12.45	62.23 4.28 -15.63	50.12 3.99 0.00	53.43 3.30 0.00	178.38 7.53 0.00	46.65 1.89 0.00	43.79 2.09 0.00	47.62 2.58 0.00
ASTORIA___5 23518	39.04 2.55 0.00	37.95 2.28 0.00	39.55 2.06 0.00	37.51 1.89 0.00	37.37 1.83 0.00	40.22 1.98 0.00	50.32 2.09 0.00	49.28 1.87 0.00	36.70 1.71 0.00	37.32 2.18 0.00	45.86 3.05 -4.33	42.21 3.08 -2.62	38.81 3.21 -1.30	40.64 3.24 -2.75	43.67 3.60 -2.03	48.75 4.23 -0.13	59.04 4.12 -12.45	62.23 4.28 -15.63	50.12 3.99 0.00	53.42 3.29 0.00	178.34 7.50 0.00	46.65 1.89 0.00	43.79 2.09 0.00	47.61 2.58 0.00
AST_ENERGY_2_CC3 323677	39.09 2.59 0.00	37.99 2.32 0.00	39.59 2.10 0.00	37.54 1.91 0.00	37.41 1.86 0.00	40.25 2.01 0.00	50.36 2.13 0.00	49.27 1.86 0.00	36.66 1.67 0.00	37.34 2.20 0.00	45.86 3.05 -4.33	42.18 3.05 -2.62	38.74 3.14 -1.30	40.62 3.23 -2.75	43.63 3.57 -2.03	48.77 4.25 -0.13	59.12 4.20 -12.45	62.27 4.31 -15.63	50.23 4.11 0.00	53.54 3.41 0.00	178.91 8.06 0.00	46.69 1.93 0.00	43.83 2.14 0.00	47.74 2.70 0.00
AST_ENERGY_2_CC4 323678	39.09 2.59 0.00	37.99 2.32 0.00	39.59 2.10 0.00	37.54 1.91 0.00	37.41 1.86 0.00	40.25 2.01 0.00	50.36 2.13 0.00	49.27 1.86 0.00	36.66 1.67 0.00	37.34 2.20 0.00	45.86 3.05 -4.33	42.18 3.05 -2.62	38.74 3.14 -1.30	40.62 3.23 -2.75	43.63 3.57 -2.03	48.77 4.25 -0.13	59.12 4.20 -12.45	62.27 4.31 -15.63	50.23 4.11 0.00	53.54 3.41 0.00	178.91 8.06 0.00	46.69 1.93 0.00	43.83 2.14 0.00	47.74 2.70 0.00

ATHENS_STG_1 23668	38.01 1.52 0.00	37.00 1.33 0.00	38.65 1.17 0.00	36.75 1.12 0.00	36.63 1.09 0.00	39.26 1.03 0.00	48.96 0.73 0.00	47.67 0.26 0.00	35.35 0.37 0.00	35.79 0.65 0.00	41.30 1.16 -1.67	37.68 1.17 0.00	35.61 1.32 0.00	35.96 1.31 0.00	39.47 1.44 0.00	46.08 1.68 0.00	50.52 1.69 -6.37	52.32 1.80 -8.20	47.60 1.48 0.00	50.85 0.71 0.00	170.46 -0.39 0.00	44.50 -0.27 0.00	41.72 0.02 0.00	45.66 0.62 0.00
ATHENS_STG_2 23670	38.01 1.52 0.00	37.00 1.33 0.00	38.65 1.17 0.00	36.75 1.12 0.00	36.63 1.09 0.00	39.26 1.03 0.00	48.96 0.73 0.00	47.67 0.26 0.00	35.35 0.37 0.00	35.79 0.65 0.00	41.30 1.16 -1.67	37.68 1.17 0.00	35.61 1.32 0.00	35.96 1.31 0.00	39.47 1.44 0.00	46.08 1.68 0.00	50.52 1.69 -6.37	52.32 1.80 -8.20	47.60 1.48 0.00	50.85 0.71 0.00	170.46 -0.39 0.00	44.50 -0.27 0.00	41.72 0.02 0.00	45.66 0.62 0.00
ATHENS_STG_3 23677	38.01 1.52 0.00	37.00 1.33 0.00	38.65 1.17 0.00	36.75 1.12 0.00	36.63 1.09 0.00	39.26 1.03 0.00	48.96 0.73 0.00	47.67 0.26 0.00	35.35 0.37 0.00	35.79 0.65 0.00	41.30 1.16 -1.67	37.68 1.17 0.00	35.61 1.32 0.00	35.96 1.31 0.00	39.47 1.44 0.00	46.08 1.68 0.00	50.52 1.69 -6.37	52.32 1.80 -8.20	47.60 1.48 0.00	50.85 0.71 0.00	170.46 -0.39 0.00	44.50 -0.27 0.00	41.72 0.02 0.00	45.66 0.62 0.00
AUBURN___LFGE 323710	36.52 0.03 0.00	35.72 0.04 0.00	37.55 0.07 0.00	35.64 0.01 0.00	35.57 0.02 0.00	38.37 0.14 0.00	48.84 0.61 0.00	48.15 0.74 0.00	35.40 0.41 0.00	35.38 0.23 0.00	38.69 0.21 0.00	36.88 0.37 0.00	36.03 0.57 -1.17	36.65 0.20 -1.80	39.24 -0.14 -1.36	45.87 -0.41 -1.88	43.89 -0.16 -1.59	43.18 0.11 -0.75	46.81 0.69 0.00	50.48 0.35 0.00	171.55 0.71 0.00	44.92 0.16 0.00	41.81 0.11 0.00	45.04 0.01 0.00
BABYLON_RES_REC 323704	39.50 3.01 0.00	38.45 2.78 0.00	39.94 2.45 0.00	37.84 2.22 0.00	37.73 2.18 0.00	40.46 2.22 0.00	50.60 2.37 0.00	49.74 2.33 0.00	36.73 1.74 0.00	37.41 2.27 0.00	46.08 3.30 -4.30	42.39 3.29 -2.59	54.92 3.54 -17.08	55.16 3.70 -16.81	53.38 4.02 -11.34	51.28 4.91 -1.97	65.90 4.64 -18.79	81.42 4.85 -34.25	50.45 4.33 0.00	55.22 3.38 -1.71	178.99 8.14 0.00	46.69 1.93 0.00	43.77 2.07 0.00	48.10 3.06 0.00
BALL_HILL_WT_PWR 323825	33.94 -2.55 0.00	33.55 -2.13 0.00	35.39 -2.10 0.00	33.44 -2.19 0.00	33.52 -2.03 0.00	36.24 -1.99 0.00	46.55 -1.68 0.00	45.98 -1.43 0.00	33.91 -1.08 0.00	34.32 -0.82 0.00	37.38 -1.09 0.00	35.62 -0.89 0.00	26.15 -1.14 7.01	21.10 -1.42 12.13	26.50 -1.44 10.09	28.33 -2.04 14.02	29.52 -1.09 11.86	35.59 -1.18 5.55	45.03 -1.10 0.00	48.55 -1.52 0.06	165.33 -5.51 0.00	43.17 -1.57 0.03	39.64 -1.30 0.76	43.17 -1.44 0.41
BARON_WINDS___WT_PWR 323822	34.21 -2.29 0.00	33.72 -1.95 0.00	35.66 -1.83 0.00	33.84 -1.79 0.00	33.94 -1.60 0.00	36.65 -1.59 0.00	46.62 -1.61 0.00	45.80 -1.61 0.00	33.55 -1.44 0.00	33.99 -1.15 0.00	36.96 -1.52 0.00	35.15 -1.36 0.00	-4.17 -1.68 36.78	-30.81 -1.98 63.48	-16.78 -2.12 52.70	-31.43 -2.65 73.18	-21.47 -2.04 61.89	11.68 -1.64 29.00	45.03 -1.09 0.00	48.75 -1.35 0.04	164.86 -5.98 0.00	43.14 -1.65 -0.02	40.98 -1.25 -0.53	44.24 -1.01 -0.22
BARRETT_IC_1 23704	39.18 2.68 0.00	38.11 2.44 0.00	39.65 2.17 0.00	37.60 1.97 0.00	37.45 1.90 0.00	40.19 1.96 0.00	50.18 1.95 0.00	49.11 1.70 0.00	36.33 1.34 0.00	36.96 1.82 0.00	45.79 3.01 -4.30	42.21 3.10 -2.59	54.52 3.15 -17.08	54.60 3.14 -16.81	52.98 3.61 -11.34	50.76 4.40 -1.97	58.87 4.03 -12.37	62.10 4.25 -15.53	49.86 3.74 0.00	52.99 2.86 0.00	176.97 6.12 0.00	46.25 1.48 0.00	43.45 1.76 0.00	47.66 2.62 0.00
BARRETT_IC_10 23701	39.18 2.68 0.00	38.11 2.44 0.00	39.65 2.17 0.00	37.60 1.97 0.00	37.45 1.90 0.00	40.19 1.96 0.00	50.18 1.95 0.00	49.11 1.70 0.00	36.33 1.34 0.00	36.96 1.82 0.00	45.79 3.01 -4.30	42.21 3.10 -2.59	54.52 3.15 -17.08	54.60 3.14 -16.81	52.98 3.61 -11.34	50.76 4.40 -1.97	58.87 4.03 -12.37	62.10 4.25 -15.53	49.86 3.74 0.00	52.99 2.86 0.00	176.97 6.12 0.00	46.25 1.48 0.00	43.45 1.76 0.00	47.66 2.62 0.00
BARRETT_IC_11 23702	39.18 2.68 0.00	38.11 2.44 0.00	39.65 2.17 0.00	37.60 1.97 0.00	37.45 1.90 0.00	40.19 1.96 0.00	50.18 1.95 0.00	49.11 1.70 0.00	36.33 1.34 0.00	36.96 1.82 0.00	45.79 3.01 -4.30	42.21 3.10 -2.59	54.52 3.15 -17.08	54.60 3.14 -16.81	52.98 3.61 -11.34	50.76 4.40 -1.97	58.87 4.03 -12.37	62.10 4.25 -15.53	49.86 3.74 0.00	52.99 2.86 0.00	176.97 6.12 0.00	46.25 1.48 0.00	43.45 1.76 0.00	47.66 2.62 0.00
BARRETT_IC_12 23703	39.18 2.68 0.00	38.11 2.44 0.00	39.65 2.17 0.00	37.60 1.97 0.00	37.45 1.90 0.00	40.19 1.96 0.00	50.18 1.95 0.00	49.11 1.70 0.00	36.33 1.34 0.00	36.96 1.82 0.00	45.79 3.01 -4.30	42.21 3.10 -2.59	54.52 3.15 -17.08	54.60 3.14 -16.81	52.98 3.61 -11.34	50.76 4.40 -1.97	58.87 4.03 -12.37	62.10 4.25 -15.53	49.86 3.74 0.00	52.99 2.86 0.00	176.97 6.12 0.00	46.25 1.48 0.00	43.45 1.76 0.00	47.66 2.62 0.00
BARRETT_IC_2 23705	39.18 2.68 0.00	38.11 2.44 0.00	39.65 2.17 0.00	37.60 1.97 0.00	37.45 1.90 0.00	40.19 1.96 0.00	50.18 1.95 0.00	49.11 1.70 0.00	36.33 1.34 0.00	36.96 1.82 0.00	45.79 3.01 -4.30	42.21 3.10 -2.59	54.52 3.15 -17.08	54.60 3.14 -16.81	52.98 3.61 -11.34	50.76 4.40 -1.97	58.87 4.03 -12.37	62.10 4.25 -15.53	49.86 3.74 0.00	52.99 2.86 0.00	176.97 6.12 0.00	46.25 1.48 0.00	43.45 1.76 0.00	47.66 2.62 0.00
BARRETT_IC_3 23706	39.18 2.68 0.00	38.11 2.44 0.00	39.65 2.17 0.00	37.60 1.97 0.00	37.45 1.90 0.00	40.19 1.96 0.00	50.18 1.95 0.00	49.11 1.70 0.00	36.33 1.34 0.00	36.96 1.82 0.00	45.79 3.01 -4.30	42.21 3.10 -2.59	54.52 3.15 -17.08	54.60 3.14 -16.81	52.98 3.61 -11.34	50.76 4.40 -1.97	58.87 4.03 -12.37	62.10 4.25 -15.53	49.86 3.74 0.00	52.99 2.86 0.00	176.97 6.12 0.00	46.25 1.48 0.00	43.45 1.76 0.00	47.66 2.62 0.00
BARRETT_IC_4 23707	39.18 2.68 0.00	38.11 2.44 0.00	39.65 2.17 0.00	37.60 1.97 0.00	37.45 1.90 0.00	40.19 1.96 0.00	50.18 1.95 0.00	49.11 1.70 0.00	36.33 1.34 0.00	36.96 1.82 0.00	45.79 3.01 -4.30	42.21 3.10 -2.59	54.52 3.15 -17.08	54.60 3.14 -16.81	52.98 3.61 -11.34	50.76 4.40 -1.97	58.87 4.03 -12.37	62.10 4.25 -15.53	49.86 3.74 0.00	52.99 2.86 0.00	176.97 6.12 0.00	46.25 1.48 0.00	43.45 1.76 0.00	47.66 2.62 0.00
BARRETT_IC_5 23708	39.18 2.68 0.00	38.11 2.44 0.00	39.65 2.17 0.00	37.60 1.97 0.00	37.45 1.90 0.00	40.19 1.96 0.00	50.18 1.95 0.00	49.11 1.70 0.00	36.33 1.34 0.00	36.96 1.82 0.00	45.79 3.01 -4.30	42.21 3.10 -2.59	54.52 3.15 -17.08	54.60 3.14 -16.81	52.98 3.61 -11.34	50.76 4.40 -1.97	58.87 4.03 -12.37	62.10 4.25 -15.53	49.86 3.74 0.00	52.99 2.86 0.00	176.97 6.12 0.00	46.25 1.48 0.00	43.45 1.76 0.00	47.66 2.62 0.00

BARRETT_IC_6 23709	39.18 2.68 0.00	38.11 2.44 0.00	39.65 2.17 0.00	37.60 1.97 0.00	37.45 1.90 0.00	40.19 1.96 0.00	50.18 1.95 0.00	49.11 1.70 0.00	36.33 1.34 0.00	36.96 1.82 0.00	45.79 3.01 -4.30	42.21 3.10 -2.59	54.52 3.15 -17.08	54.60 3.14 -16.81	52.98 3.61 -11.34	50.76 4.40 -1.97	58.87 4.03 -12.37	62.10 4.25 -15.53	49.86 3.74 0.00	52.99 2.86 0.00	176.97 6.12 0.00	46.25 1.48 0.00	43.45 1.76 0.00	47.66 2.62 0.00
BARRETT_IC_7 23710	39.18 2.69 0.00	38.11 2.44 0.00	39.65 2.17 0.00	37.60 1.97 0.00	37.45 1.90 0.00	40.20 1.96 0.00	50.19 1.95 0.00	49.10 1.69 0.00	36.32 1.33 0.00	36.97 1.82 0.00	45.80 3.02 -4.30	42.20 3.10 -2.59	54.53 3.15 -17.08	54.60 3.15 -16.81	52.97 3.61 -11.34	50.77 4.41 -1.97	58.88 4.04 -12.37	62.09 4.24 -15.53	49.86 3.74 0.00	52.99 2.86 0.00	176.97 6.13 0.00	46.25 1.48 0.00	43.46 1.76 0.00	47.66 2.63 0.00
BARRETT_IC_8 23711	39.18 2.68 0.00	38.11 2.44 0.00	39.65 2.17 0.00	37.60 1.97 0.00	37.45 1.90 0.00	40.19 1.96 0.00	50.18 1.95 0.00	49.11 1.70 0.00	36.33 1.34 0.00	36.96 1.82 0.00	45.79 3.01 -4.30	42.21 3.10 -2.59	54.52 3.15 -17.08	54.60 3.14 -16.81	52.98 3.61 -11.34	50.76 4.40 -1.97	58.87 4.03 -12.37	62.10 4.25 -15.53	49.86 3.74 0.00	52.99 2.86 0.00	176.97 6.12 0.00	46.25 1.48 0.00	43.45 1.76 0.00	47.66 2.62 0.00
BARRETT_IC_9 23700	39.18 2.68 0.00	38.11 2.44 0.00	39.65 2.17 0.00	37.60 1.97 0.00	37.45 1.90 0.00	40.19 1.96 0.00	50.18 1.95 0.00	49.11 1.70 0.00	36.33 1.34 0.00	36.96 1.82 0.00	45.79 3.01 -4.30	42.21 3.10 -2.59	54.52 3.15 -17.08	54.60 3.14 -16.81	52.98 3.61 -11.34	50.76 4.40 -1.97	58.87 4.03 -12.37	62.10 4.25 -15.53	49.86 3.74 0.00	52.99 2.86 0.00	176.97 6.12 0.00	46.25 1.48 0.00	43.45 1.76 0.00	47.66 2.62 0.00
BARRETT___1 23545	39.18 2.68 0.00	38.11 2.44 0.00	39.65 2.17 0.00	37.60 1.97 0.00	37.45 1.90 0.00	40.19 1.96 0.00	50.18 1.95 0.00	49.11 1.70 0.00	36.33 1.34 0.00	36.96 1.82 0.00	45.79 3.01 -4.30	42.21 3.10 -2.59	54.52 3.15 -17.08	54.60 3.14 -16.81	52.98 3.61 -11.34	50.76 4.40 -1.97	58.87 4.03 -12.37	62.10 4.25 -15.53	49.86 3.74 0.00	52.99 2.86 0.00	176.97 6.12 0.00	46.25 1.48 0.00	43.45 1.76 0.00	47.66 2.62 0.00
BARRETT___2 23546	39.18 2.68 0.00	38.11 2.44 0.00	39.65 2.17 0.00	37.60 1.97 0.00	37.45 1.90 0.00	40.19 1.96 0.00	50.18 1.95 0.00	49.11 1.70 0.00	36.33 1.34 0.00	36.96 1.82 0.00	45.79 3.01 -4.30	42.21 3.10 -2.59	54.52 3.15 -17.08	54.60 3.14 -16.81	52.98 3.61 -11.34	50.76 4.40 -1.97	58.87 4.03 -12.37	62.10 4.25 -15.53	49.86 3.74 0.00	52.99 2.86 0.00	176.97 6.12 0.00	46.25 1.48 0.00	43.45 1.76 0.00	47.66 2.62 0.00
BATAVIA___115KV_TB1 55881	35.06 -1.43 0.00	34.43 -1.24 0.00	36.24 -1.24 0.00	34.28 -1.35 0.00	34.34 -1.21 0.00	37.22 -1.02 0.00	47.77 -0.47 0.00	46.94 -0.47 0.00	34.54 -0.45 0.00	34.46 -0.68 0.00	37.24 -1.23 0.00	35.35 -1.16 0.00	29.44 -1.30 3.55	27.12 -1.36 6.17	31.50 -1.39 5.14	35.21 -2.03 7.15	35.35 -1.07 6.05	38.87 -0.62 2.82	45.72 -0.40 0.00	49.67 -0.39 0.07	170.40 -0.44 0.00	44.61 -0.15 0.00	41.45 -0.25 0.00	44.45 -0.52 0.06
BAYONEEC___CTG1 323682	39.13 2.63 0.00	38.02 2.35 0.00	39.62 2.14 0.00	37.57 1.94 0.00	37.44 1.89 0.00	40.28 2.04 0.00	50.42 2.19 0.00	49.38 1.97 0.00	36.71 1.73 0.00	37.38 2.24 0.00	45.90 3.09 -4.33	42.25 3.11 -2.62	38.83 3.23 -1.31	40.72 3.32 -2.75	43.75 3.68 -2.03	48.88 4.36 -0.13	59.25 4.32 -12.46	62.38 4.42 -15.64	50.36 4.23 0.00	53.68 3.55 0.00	179.29 8.45 0.00	46.82 2.06 0.00	43.90 2.21 0.00	47.75 2.72 0.00
BAYONEEC___CTG10 323750	39.13 2.63 0.00	38.02 2.35 0.00	39.62 2.14 0.00	37.57 1.94 0.00	37.44 1.89 0.00	40.28 2.04 0.00	50.42 2.19 0.00	49.38 1.97 0.00	36.71 1.73 0.00	37.38 2.24 0.00	45.90 3.09 -4.33	42.25 3.11 -2.62	38.83 3.23 -1.31	40.72 3.32 -2.75	43.75 3.68 -2.03	48.88 4.36 -0.13	59.25 4.32 -12.46	62.38 4.42 -15.64	50.36 4.23 0.00	53.68 3.55 0.00	179.29 8.45 0.00	46.82 2.06 0.00	43.90 2.21 0.00	47.75 2.72 0.00
BAYONEEC___CTG2 323683	39.13 2.63 0.00	38.02 2.35 0.00	39.62 2.14 0.00	37.57 1.94 0.00	37.44 1.89 0.00	40.28 2.04 0.00	50.42 2.19 0.00	49.38 1.97 0.00	36.71 1.73 0.00	37.38 2.24 0.00	45.90 3.09 -4.33	42.25 3.11 -2.62	38.83 3.23 -1.31	40.72 3.32 -2.75	43.75 3.68 -2.03	48.88 4.36 -0.13	59.25 4.32 -12.46	62.38 4.42 -15.64	50.36 4.23 0.00	53.68 3.55 0.00	179.29 8.45 0.00	46.82 2.06 0.00	43.90 2.21 0.00	47.75 2.72 0.00
BAYONEEC___CTG3 323684	39.13 2.63 0.00	38.02 2.35 0.00	39.62 2.14 0.00	37.57 1.94 0.00	37.44 1.89 0.00	40.28 2.04 0.00	50.42 2.19 0.00	49.38 1.97 0.00	36.71 1.73 0.00	37.38 2.24 0.00	45.90 3.09 -4.33	42.25 3.11 -2.62	38.83 3.23 -1.31	40.72 3.32 -2.75	43.75 3.68 -2.03	48.88 4.36 -0.13	59.25 4.32 -12.46	62.38 4.42 -15.64	50.36 4.23 0.00	53.68 3.55 0.00	179.29 8.45 0.00	46.82 2.06 0.00	43.90 2.21 0.00	47.75 2.72 0.00
BAYONEEC___CTG4 323685	39.13 2.63 0.00	38.02 2.35 0.00	39.62 2.14 0.00	37.57 1.94 0.00	37.44 1.89 0.00	40.28 2.04 0.00	50.42 2.19 0.00	49.38 1.97 0.00	36.71 1.73 0.00	37.38 2.24 0.00	45.90 3.09 -4.33	42.25 3.11 -2.62	38.83 3.23 -1.31	40.72 3.32 -2.75	43.75 3.68 -2.03	48.88 4.36 -0.13	59.25 4.32 -12.46	62.38 4.42 -15.64	50.36 4.23 0.00	53.68 3.55 0.00	179.29 8.45 0.00	46.82 2.06 0.00	43.90 2.21 0.00	47.75 2.72 0.00
BAYONEEC___CTG5 323686	39.13 2.63 0.00	38.02 2.35 0.00	39.62 2.14 0.00	37.57 1.94 0.00	37.44 1.89 0.00	40.28 2.04 0.00	50.42 2.19 0.00	49.38 1.97 0.00	36.71 1.73 0.00	37.38 2.24 0.00	45.90 3.09 -4.33	42.25 3.11 -2.62	38.83 3.23 -1.31	40.72 3.32 -2.75	43.75 3.68 -2.03	48.88 4.36 -0.13	59.25 4.32 -12.46	62.38 4.42 -15.64	50.36 4.23 0.00	53.68 3.55 0.00	179.29 8.45 0.00	46.82 2.06 0.00	43.90 2.21 0.00	47.75 2.72 0.00
BAYONEEC___CTG6 323687	39.13 2.63 0.00	38.02 2.35 0.00	39.62 2.14 0.00	37.57 1.94 0.00	37.44 1.89 0.00	40.28 2.04 0.00	50.42 2.19 0.00	49.38 1.97 0.00	36.71 1.73 0.00	37.38 2.24 0.00	45.90 3.09 -4.33	42.25 3.11 -2.62	38.83 3.23 -1.31	40.72 3.32 -2.75	43.75 3.68 -2.03	48.88 4.36 -0.13	59.25 4.32 -12.46	62.38 4.42 -15.64	50.36 4.23 0.00	53.68 3.55 0.00	179.29 8.45 0.00	46.82 2.06 0.00	43.90 2.21 0.00	47.75 2.72 0.00
BAYONEEC___CTG7 323688	39.13 2.63 0.00	38.02 2.35 0.00	39.62 2.14 0.00	37.57 1.94 0.00	37.44 1.89 0.00	40.28 2.04 0.00	50.42 2.19 0.00	49.38 1.97 0.00	36.71 1.73 0.00	37.38 2.24 0.00	45.90 3.09 -4.33	42.25 3.11 -2.62	38.83 3.23 -1.31	40.72 3.32 -2.75	43.75 3.68 -2.03	48.88 4.36 -0.13	59.25 4.32 -12.46	62.38 4.42 -15.64	50.36 4.23 0.00	53.68 3.55 0.00	179.29 8.45 0.00	46.82 2.06 0.00	43.90 2.21 0.00	47.75 2.72 0.00

BAYONEEC___CTG8 323689	39.13 2.63 0.00	38.02 2.35 0.00	39.62 2.14 0.00	37.57 1.94 0.00	37.44 1.89 0.00	40.28 2.04 0.00	50.42 2.19 0.00	49.38 1.97 0.00	36.71 1.73 0.00	37.38 2.24 0.00	45.90 3.09 -4.33	42.25 3.11 -2.62	38.83 3.23 -1.31	40.72 3.32 -2.75	43.75 3.68 -2.03	48.88 4.36 -0.13	59.25 4.32 -12.46	62.38 4.42 -15.64	50.36 4.23 0.00	53.68 3.55 0.00	179.29 8.45 0.00	46.82 2.06 0.00	43.90 2.21 0.00	47.75 2.72 0.00
BAYONEEC___CTG9 323749	39.13 2.63 0.00	38.02 2.35 0.00	39.62 2.14 0.00	37.57 1.94 0.00	37.44 1.89 0.00	40.28 2.04 0.00	50.42 2.19 0.00	49.38 1.97 0.00	36.71 1.73 0.00	37.38 2.24 0.00	45.90 3.09 -4.33	42.25 3.11 -2.62	38.83 3.23 -1.31	40.72 3.32 -2.75	43.75 3.68 -2.03	48.88 4.36 -0.13	59.25 4.32 -12.46	62.38 4.42 -15.64	50.36 4.23 0.00	53.68 3.55 0.00	179.29 8.45 0.00	46.82 2.06 0.00	43.90 2.21 0.00	47.75 2.72 0.00
BAYPORT_69_KV_BK 2 356364	39.96 3.47 0.00	38.91 3.24 0.00	40.32 2.84 0.00	38.21 2.59 0.00	38.11 2.56 0.00	40.84 2.60 0.00	51.12 2.89 0.00	50.23 2.82 0.00	36.95 1.96 0.00	37.83 2.69 0.00	46.74 3.96 -4.30	42.99 3.88 -2.59	55.61 4.24 -17.08	55.75 4.29 -16.81	53.92 4.55 -11.34	52.03 5.67 -1.97	73.54 5.29 -25.79	100.08 5.50 -52.25	50.98 4.85 0.00	57.27 3.84 -3.30	180.24 9.38 -0.01	47.12 2.35 0.00	44.22 2.52 0.00	48.61 3.58 0.00
BEACON___LESR 323632	37.63 1.14 0.00	36.83 1.16 0.00	38.74 1.26 0.00	36.79 1.16 0.00	36.72 1.17 0.00	39.54 1.30 0.00	49.78 1.55 0.00	48.94 1.53 0.00	36.01 1.02 0.00	36.15 1.01 0.00	39.98 0.93 -0.58	37.38 0.86 0.00	35.11 0.82 0.00	35.44 0.78 0.00	37.44 0.73 1.32	45.30 0.91 0.00	43.29 0.82 0.00	43.55 1.23 0.00	47.41 1.29 0.00	51.13 0.99 0.00	173.40 2.56 0.00	45.30 0.53 0.00	42.33 0.63 0.00	45.83 0.80 0.00
BEAVER RIVER___HYD 24048	36.34 -0.15 0.00	35.50 -0.17 0.00	37.55 0.07 0.00	35.80 0.17 0.00	35.55 0.01 0.00	38.38 0.14 0.00	49.02 0.79 0.00	48.29 0.88 0.00	35.04 0.05 0.00	34.63 -0.51 0.00	37.72 -0.76 0.00	35.39 -1.12 0.00	33.03 -1.26 0.00	33.47 -1.18 0.00	36.66 -1.37 0.00	42.49 -1.90 0.00	40.85 -1.62 0.00	41.22 -1.10 0.00	46.15 0.03 0.00	50.84 0.71 0.00	175.19 4.34 0.00	45.78 1.01 0.00	42.45 0.75 0.00	45.69 0.65 0.00
BEEBEE_GT_13 23619	35.23 -1.26 0.00	34.55 -1.12 0.00	36.35 -1.14 0.00	34.42 -1.21 0.00	34.43 -1.12 0.00	37.24 -1.00 0.00	47.52 -0.71 0.00	46.76 -0.65 0.00	34.47 -0.52 0.00	34.67 -0.48 0.00	37.80 -0.68 0.00	35.90 -0.61 0.00	33.53 -0.76 0.00	33.80 -0.86 0.00	37.12 -0.91 0.00	43.09 -1.30 0.00	41.82 -0.65 0.00	41.80 -0.52 0.00	45.71 -0.41 0.00	49.50 -0.56 0.07	169.40 -1.44 0.00	44.32 -0.44 0.00	41.21 -0.49 0.00	44.23 -0.74 0.06
BENSHRST_27_KV_BENSHRST_1 355998	39.28 2.79 0.00	38.16 2.49 0.00	39.77 2.29 0.00	37.72 2.09 0.00	37.57 2.03 0.00	40.45 2.21 0.00	50.65 2.42 0.00	49.61 2.20 0.00	36.94 1.95 0.00	37.57 2.43 0.00	46.15 3.34 -4.33	42.48 3.35 -2.62	39.09 3.49 -1.30	40.98 3.58 -2.75	44.03 3.97 -2.03	49.24 4.71 -0.13	59.59 4.67 -12.45	62.79 4.84 -15.63	50.66 4.54 0.00	54.02 3.88 0.00	180.24 9.39 0.00	47.22 2.46 0.00	44.24 2.54 0.00	48.06 3.02 0.00
BETHLEHEM___GRP 23843	37.21 0.72 0.00	36.41 0.74 0.00	38.25 0.77 0.00	36.39 0.76 0.00	36.32 0.78 0.00	39.05 0.81 0.00	49.03 0.80 0.00	48.22 0.81 0.00	35.61 0.62 0.00	35.70 0.56 0.00	39.56 0.51 -0.57	37.03 0.52 0.00	34.78 0.49 0.00	35.13 0.47 0.00	38.43 0.40 0.00	44.90 0.51 0.00	42.85 0.38 0.00	42.90 0.58 0.00	46.62 0.49 0.00	50.30 0.17 0.00	170.84 -0.01 0.00	44.78 0.02 0.00	41.87 0.17 0.00	45.27 0.24 0.00
BETHLEHEM___GS1 323560	37.22 0.73 0.00	36.41 0.74 0.00	38.25 0.77 0.00	36.39 0.76 0.00	36.32 0.78 0.00	39.05 0.81 0.00	49.03 0.80 0.00	48.22 0.81 0.00	35.61 0.62 0.00	35.70 0.56 0.00	39.56 0.51 -0.57	37.03 0.52 0.00	34.78 0.49 0.00	35.12 0.47 0.00	38.43 0.40 0.00	44.90 0.51 0.00	42.84 0.37 0.00	42.90 0.58 0.00	46.62 0.49 0.00	50.30 0.16 0.00	170.84 -0.01 0.00	44.78 0.02 0.00	41.87 0.17 0.00	45.28 0.24 0.00
BETHLEHEM___GS2 323561	37.22 0.73 0.00	36.41 0.74 0.00	38.25 0.77 0.00	36.39 0.76 0.00	36.32 0.78 0.00	39.05 0.81 0.00	49.03 0.80 0.00	48.22 0.81 0.00	35.61 0.62 0.00	35.70 0.56 0.00	39.56 0.51 -0.57	37.03 0.52 0.00	34.78 0.49 0.00	35.12 0.47 0.00	38.43 0.40 0.00	44.90 0.51 0.00	42.84 0.37 0.00	42.90 0.58 0.00	46.62 0.49 0.00	50.30 0.16 0.00	170.84 -0.01 0.00	44.78 0.02 0.00	41.87 0.17 0.00	45.28 0.24 0.00
BETHLEHEM___GS3 323562	37.22 0.73 0.00	36.41 0.74 0.00	38.25 0.77 0.00	36.39 0.76 0.00	36.32 0.78 0.00	39.05 0.81 0.00	49.03 0.80 0.00	48.22 0.81 0.00	35.61 0.62 0.00	35.70 0.56 0.00	39.56 0.51 -0.57	37.03 0.52 0.00	34.78 0.49 0.00	35.12 0.47 0.00	38.43 0.40 0.00	44.90 0.51 0.00	42.84 0.37 0.00	42.90 0.58 0.00	46.62 0.49 0.00	50.30 0.16 0.00	170.84 -0.01 0.00	44.78 0.02 0.00	41.87 0.17 0.00	45.28 0.24 0.00
BETHLEHEM___STEEL 23779	33.96 -2.53 0.00	33.50 -2.17 0.00	35.33 -2.15 0.00	33.40 -2.23 0.00	33.46 -2.08 0.00	36.24 -2.00 0.00	46.45 -1.78 0.00	45.64 -1.77 0.00	33.74 -1.25 0.00	34.11 -1.03 0.00	37.06 -1.41 0.00	35.27 -1.24 0.00	25.77 -1.40 7.12	20.77 -1.55 12.32	26.18 -1.60 10.25	27.82 -2.31 14.26	28.97 -1.43 12.06	35.10 -1.59 5.64	44.51 -1.61 0.00	48.22 -1.86 0.06	165.15 -5.70 0.00	43.33 -1.43 0.00	40.46 -1.24 0.00	43.50 -1.48 0.05
BETHLHEM_115KV_TB1 79974	37.25 0.76 0.00	36.44 0.77 0.00	38.27 0.79 0.00	36.41 0.79 0.00	36.35 0.80 0.00	39.08 0.84 0.00	49.06 0.83 0.00	48.25 0.84 0.00	35.62 0.63 0.00	35.73 0.59 0.00	39.61 0.56 -0.57	37.07 0.56 0.00	34.82 0.54 0.00	35.17 0.52 0.00	38.50 0.47 0.00	44.97 0.58 0.00	42.92 0.46 0.00	42.97 0.65 0.00	46.69 0.57 0.00	50.39 0.26 0.00	171.12 0.28 0.00	44.84 0.08 0.00	41.93 0.23 0.00	45.35 0.32 0.00
BETHPAGE_CC_5 323564	39.24 2.75 0.00	38.17 2.50 0.00	39.66 2.18 0.00	37.60 1.97 0.00	37.48 1.93 0.00	40.21 1.97 0.00	50.29 2.06 0.00	49.39 1.98 0.00	36.49 1.50 0.00	37.17 2.03 0.00	45.82 3.04 -4.30	42.16 3.06 -2.59	54.66 3.29 -17.08	54.82 3.37 -16.81	53.11 3.75 -11.34	50.96 4.60 -1.97	62.56 4.34 -15.76	72.23 4.52 -25.39	50.11 3.99 0.00	54.11 3.07 -0.91	177.87 7.02 0.00	46.40 1.63 0.00	43.49 1.79 0.00	47.80 2.77 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	34.06 -2.43 0.00	33.58 -2.10 0.00	35.42 -2.07 0.00	33.47 -2.16 0.00	33.54 -2.01 0.00	36.31 -1.92 0.00	46.57 -1.66 0.00	45.79 -1.63 0.00	33.84 -1.14 0.00	34.25 -0.89 0.00	37.21 -1.26 0.00	35.42 -1.09 0.00	26.24 -1.26 6.79	21.48 -1.42 11.75	26.82 -1.44 9.78	29.37 -1.96 13.06	30.30 -1.12 11.05	35.85 -1.31 5.16	44.79 -1.34 0.00	48.48 -1.59 0.06	165.70 -5.14 0.00	43.47 -1.29 0.00	40.60 -1.10 0.00	43.63 -1.35 0.05

BINGHAMTON___COGEN 23790	36.17 -0.32 0.00	35.42 -0.25 0.00	37.24 -0.24 0.00	35.32 -0.31 0.00	35.30 -0.25 0.00	38.04 -0.20 0.00	48.18 -0.06 0.00	47.36 -0.05 0.00	34.84 -0.15 0.00	35.13 -0.01 0.00	38.49 0.01 0.00	36.63 0.12 0.00	35.28 0.12 -0.87	35.14 -0.02 -0.51	38.09 0.06 0.00	44.41 0.02 0.00	42.76 0.30 0.00	42.75 0.43 0.00	46.73 0.61 0.00	50.36 0.25 0.02	170.18 -0.67 0.00	44.41 -0.35 0.00	41.43 -0.27 0.00	44.78 -0.24 0.02
BIXINCNT_115KV_LOAD 355685	34.44 -2.05 0.00	33.96 -1.72 0.00	35.94 -1.55 0.00	33.91 -1.71 0.00	33.93 -1.61 0.00	36.76 -1.48 0.00	47.06 -1.17 0.00	46.59 -0.82 0.00	34.43 -0.56 0.00	34.93 -0.21 0.00	38.02 -0.46 0.00	36.16 -0.36 0.00	29.56 -0.76 3.97	26.70 -1.06 6.89	31.29 -0.99 5.75	35.34 -1.35 7.71	35.27 -0.67 6.52	38.37 -0.91 3.05	45.53 -0.60 0.00	49.11 -0.96 0.06	166.75 -4.09 0.00	43.36 -1.40 0.00	40.76 -0.94 0.00	44.06 -0.92 0.05
BLACK RIVER___HYD 24047	36.47 -0.02 0.00	35.63 -0.04 0.00	37.65 0.17 0.00	35.90 0.27 0.00	35.64 0.09 0.00	38.47 0.24 0.00	49.35 1.12 0.00	48.66 1.25 0.00	35.11 0.12 0.00	34.53 -0.61 0.00	37.64 -0.84 0.00	35.29 -1.22 0.00	33.00 -1.29 0.00	33.37 -1.28 0.00	36.61 -1.42 0.00	42.41 -1.98 0.00	40.86 -1.61 0.00	41.38 -0.94 0.00	46.81 0.68 0.00	51.56 1.43 0.00	177.56 6.72 0.00	46.31 1.55 0.00	42.74 1.04 0.00	45.91 0.87 0.00
BLACKRVR_115KV_TB2 79977	36.47 -0.02 0.00	35.63 -0.04 0.00	37.65 0.17 0.00	35.90 0.27 0.00	35.64 0.09 0.00	38.48 0.24 0.00	49.35 1.12 0.00	48.66 1.26 0.00	35.11 0.12 0.00	34.53 -0.61 0.00	37.63 -0.84 0.00	35.29 -1.22 0.00	33.00 -1.29 0.00	33.37 -1.29 0.00	36.61 -1.42 0.00	42.40 -1.99 0.00	40.86 -1.61 0.00	41.38 -0.94 0.00	46.80 0.68 0.00	51.56 1.43 0.00	177.56 6.72 0.00	46.31 1.55 0.00	42.74 1.04 0.00	45.91 0.87 0.00
BLISS_WT_PWR 323608	34.38 -2.12 0.00	33.91 -1.76 0.00	35.89 -1.60 0.00	33.87 -1.76 0.00	33.88 -1.67 0.00	36.71 -1.53 0.00	47.02 -1.21 0.00	46.54 -0.87 0.00	34.39 -0.60 0.00	34.90 -0.24 0.00	37.99 -0.49 0.00	36.13 -0.38 0.00	29.55 -0.77 3.97	26.68 -1.08 6.89	31.27 -1.00 5.75	35.31 -1.37 7.71	35.24 -0.71 6.52	38.31 -0.97 3.05	45.48 -0.65 0.00	49.08 -0.99 0.06	166.59 -4.25 0.00	43.28 -1.45 0.04	39.79 -0.95 0.96	43.60 -0.93 0.50
BLUESTONE___WT_PWR 323821	35.45 -1.04 0.00	34.70 -0.97 0.00	37.28 -0.20 0.00	35.33 -0.30 0.00	35.36 -0.19 0.00	38.58 0.34 0.00	49.21 0.98 0.00	48.69 1.28 0.00	35.69 0.70 0.00	35.31 0.17 0.00	38.58 0.10 0.00	36.49 -0.02 0.00	34.89 -0.35 -0.95	35.56 -0.69 -1.59	38.83 -0.50 -1.30	45.75 -0.45 -1.80	44.06 0.07 -1.53	43.77 0.74 -0.72	47.37 1.25 0.00	51.07 0.95 0.01	176.30 5.46 0.00	46.63 1.87 -0.01	43.51 1.65 -0.17	46.39 1.29 -0.07
BLUE_CIRC_CHEM_DRP 24182	37.58 1.09 0.00	36.80 1.13 0.00	38.58 1.09 0.00	36.69 1.06 0.00	36.64 1.09 0.00	39.40 1.17 0.00	49.50 1.27 0.00	48.57 1.16 0.00	35.73 0.74 0.00	35.76 0.62 0.00	39.03 0.55 0.00	37.02 0.51 0.00	21.73 0.23 12.79	-8.29 -0.07 42.88	12.68 -0.10 25.25	44.22 -0.17 0.00	42.21 -0.25 0.00	42.24 -0.08 0.00	46.04 -0.09 0.00	49.76 -0.37 0.00	168.97 -1.88 0.00	44.33 -0.44 0.00	41.45 -0.25 0.00	45.10 0.07 0.00
BOC_GAS_DRP 24189	37.24 0.75 0.00	36.43 0.76 0.00	38.28 0.79 0.00	36.39 0.77 0.00	36.33 0.78 0.00	39.06 0.82 0.00	49.05 0.82 0.00	48.19 0.78 0.00	35.59 0.60 0.00	35.74 0.60 0.00	39.12 0.64 0.00	37.14 0.63 0.00	35.73 0.63 -0.81	37.97 0.61 -2.71	40.55 0.59 -1.93	45.10 0.71 0.00	43.07 0.60 0.00	43.08 0.76 0.00	46.80 0.68 0.00	50.51 0.37 0.00	171.51 0.66 0.00	44.95 0.18 0.00	42.01 0.31 0.00	45.47 0.43 0.00
BOONVILLE_115KV_TB1 79983	36.87 0.37 0.00	36.01 0.34 0.00	37.96 0.48 0.00	36.10 0.47 0.00	35.97 0.43 0.00	38.79 0.55 0.00	49.27 1.04 0.00	48.47 1.05 0.00	35.47 0.48 0.00	35.32 0.18 0.00	38.54 0.06 0.00	36.33 -0.18 0.00	34.03 -0.26 0.00	34.42 -0.23 0.00	37.80 -0.23 0.00	43.98 -0.41 0.00	42.25 -0.21 0.00	42.52 0.20 0.00	47.04 0.92 0.00	51.33 1.19 0.00	175.50 4.66 0.00	45.83 1.07 0.00	42.59 0.90 0.00	45.87 0.83 0.00
BORALEX_4TH_BRANCH 23824	38.14 1.65 0.00	37.27 1.60 0.00	39.09 1.61 0.00	37.17 1.55 0.00	37.05 1.50 0.00	39.82 1.58 0.00	50.31 2.07 0.00	49.44 2.03 0.00	36.39 1.40 0.00	36.27 1.13 0.00	39.87 0.77 -0.62	37.27 0.76 0.00	35.12 0.83 0.00	35.52 0.86 0.00	38.81 0.77 0.00	45.31 0.92 0.00	42.81 0.35 0.00	42.84 0.52 0.00	46.53 0.41 0.00	50.26 0.13 0.00	172.35 1.51 0.00	45.39 0.63 0.00	42.66 0.96 0.00	46.12 1.09 0.00
BOWLINE___1 23526	38.54 2.05 0.00	37.51 1.84 0.00	39.15 1.66 0.00	37.13 1.50 0.00	36.99 1.45 0.00	39.77 1.53 0.00	49.91 1.68 0.00	48.96 1.55 0.00	36.31 1.32 0.00	36.84 1.70 0.00	34.14 2.43 6.76	38.31 2.48 0.68	36.64 2.68 0.34	36.68 2.74 0.72	40.57 3.06 0.53	48.06 3.70 0.03	65.00 3.75 -18.79	70.48 3.87 -24.29	49.87 3.74 0.00	53.25 3.12 0.00	178.13 7.29 0.00	46.43 1.66 0.00	43.40 1.70 0.00	47.13 2.10 0.00
BOWLINE___2 23595	38.54 2.05 0.00	37.51 1.84 0.00	39.15 1.66 0.00	37.13 1.50 0.00	37.00 1.45 0.00	39.77 1.54 0.00	49.91 1.68 0.00	48.97 1.56 0.00	36.31 1.32 0.00	36.84 1.70 0.00	34.14 2.43 6.76	38.31 2.48 0.68	36.64 2.68 0.34	36.67 2.74 0.72	40.57 3.06 0.53	48.06 3.70 0.03	64.91 3.74 -18.70	70.37 3.87 -24.18	49.87 3.74 0.00	53.25 3.12 0.00	178.13 7.29 0.00	46.43 1.66 0.00	43.40 1.70 0.00	47.13 2.10 0.00
BRADY___115KV_TB2 356060	36.93 0.44 0.00	36.18 0.51 0.00	38.14 0.65 0.00	36.30 0.67 0.00	36.10 0.55 0.00	38.87 0.64 0.00	49.24 1.00 0.00	48.29 0.88 0.00	35.46 0.47 0.00	35.37 0.23 0.00	38.56 0.08 0.00	36.49 -0.02 0.00	34.10 -0.19 0.00	34.65 0.00 0.00	37.77 -0.26 0.00	43.94 -0.45 0.00	41.91 -0.55 0.00	41.76 -0.56 0.00	45.94 -0.18 0.00	50.72 0.58 0.00	174.73 3.88 0.00	45.82 1.06 0.00	42.48 0.78 0.00	45.88 0.85 0.00
BRANSCOMB___SOLAR 323811	38.20 1.71 0.00	37.27 1.60 0.00	39.12 1.63 0.00	37.20 1.58 0.00	37.12 1.57 0.00	39.92 1.68 0.00	50.48 2.24 0.00	49.58 2.17 0.00	36.33 1.34 0.00	36.21 1.07 0.00	39.45 0.97 0.00	37.49 0.98 0.00	35.18 0.89 0.00	35.58 0.92 0.00	38.87 0.84 0.00	45.39 1.00 0.00	43.40 0.94 0.00	43.79 1.48 0.00	47.95 1.82 0.00	51.95 1.81 0.00	176.76 5.91 0.00	46.32 1.56 0.00	43.37 1.67 0.00	46.74 1.71 0.00
BRDGHMPT_69_KV_BK1 55812	39.62 3.12 0.00	38.70 3.03 0.00	39.93 2.45 0.00	37.83 2.20 0.00	37.74 2.19 0.00	40.52 2.28 0.00	50.75 2.52 0.00	49.85 2.43 0.00	36.61 1.62 0.00	37.79 2.65 0.00	46.86 4.08 -4.30	42.97 3.87 -2.59	55.78 4.41 -17.08	55.50 4.05 -16.81	53.65 4.29 -11.34	51.72 5.36 -1.97	67.56 4.89 -20.20	81.22 5.06 -33.85	50.40 4.28 0.00	55.02 3.30 -1.58	178.30 7.45 0.00	46.55 1.79 0.00	43.88 2.18 0.00	48.80 3.77 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	39.71 3.22 0.00	38.67 2.99 0.00	40.16 2.68 0.00	38.06 2.43 0.00	37.94 2.39 0.00	40.63 2.39 0.00	50.82 2.58 0.00	49.89 2.48 0.00	36.80 1.81 0.00	37.53 2.39 0.00	46.27 3.49 -4.30	42.60 3.50 -2.59	55.15 3.78 -17.08	55.37 3.92 -16.81	53.58 4.22 -11.34	51.50 5.14 -1.97	106.02 4.76 -58.79	203.04 4.93 -155.80	50.33 4.21 0.00	65.90 3.04 -12.73	178.77 7.90 -0.02	46.75 1.98 -0.01	43.87 2.17 0.00	48.27 3.24 0.00
BRISTLHL_115KV_TB1 79998	35.41 -1.08 0.00	34.63 -1.04 0.00	36.38 -1.10 0.00	34.55 -1.08 0.00	34.50 -1.05 0.00	37.17 -1.06 0.00	47.00 -1.24 0.00	46.27 -1.14 0.00	34.07 -0.92 0.00	34.17 -0.97 0.00	37.33 -1.15 0.00	35.42 -1.09 0.00	33.26 -1.03 0.00	33.61 -1.04 0.00	36.93 -1.09 0.00	43.07 -1.33 0.00	41.35 -1.12 0.00	41.37 -0.95 0.00	45.32 -0.80 0.00	49.21 -0.97 -0.05	167.20 -3.65 0.00	43.75 -1.02 0.00	40.72 -0.98 0.00	43.93 -1.15 -0.04
BROOKHAVEN___DRP 24191	39.53 3.04 0.00	38.55 2.88 0.00	39.87 2.38 0.00	37.77 2.15 0.00	37.67 2.12 0.00	40.37 2.14 0.00	50.52 2.28 0.00	49.56 2.16 0.00	36.42 1.43 0.00	37.45 2.31 0.00	46.35 3.57 -4.30	42.47 3.37 -2.59	55.10 3.72 -17.08	54.95 3.49 -16.81	53.03 3.66 -11.34	50.90 4.54 -1.97	66.79 4.19 -20.13	80.33 4.43 -33.58	49.87 3.75 0.00	54.40 2.71 -1.55	176.46 5.61 0.00	46.22 1.45 0.00	43.44 1.74 0.00	47.93 2.90 0.00
BROOKLYN_NAVY_YARD 23515	39.12 2.63 0.00	38.01 2.34 0.00	39.60 2.12 0.00	37.55 1.92 0.00	37.41 1.86 0.00	40.25 2.01 0.00	50.42 2.19 0.00	49.36 1.95 0.00	36.71 1.72 0.00	37.35 2.21 0.00	45.86 3.04 -4.33	42.20 3.07 -2.62	38.79 3.19 -1.31	40.69 3.29 -2.75	43.68 3.62 -2.03	48.83 4.31 -0.13	59.20 4.28 -12.46	62.33 4.37 -15.64	50.31 4.19 0.00	53.63 3.50 0.00	179.13 8.28 0.00	46.78 2.02 0.00	43.88 2.18 0.00	47.71 2.67 0.00
BROOKLYN___ARMY_DRP 323595	39.06 2.57 0.00	37.98 2.30 0.00	39.57 2.09 0.00	37.53 1.90 0.00	37.39 1.84 0.00	40.24 2.00 0.00	50.36 2.13 0.00	49.31 1.90 0.00	36.71 1.73 0.00	37.33 2.19 0.00	45.89 3.08 -4.33	42.22 3.09 -2.62	38.82 3.22 -1.30	40.70 3.30 -2.75	43.72 3.66 -2.03	48.86 4.34 -0.13	59.21 4.29 -12.45	62.42 4.46 -15.63	50.27 4.15 0.00	53.60 3.46 0.00	178.84 7.99 0.00	46.86 2.10 0.00	43.91 2.21 0.00	47.74 2.70 0.00
BROOME_2_LFGE 323671	36.17 -0.32 0.00	35.42 -0.25 0.00	37.24 -0.24 0.00	35.32 -0.31 0.00	35.30 -0.24 0.00	38.04 -0.19 0.00	48.18 -0.06 0.00	47.35 -0.06 0.00	34.84 -0.15 0.00	35.13 -0.01 0.00	38.48 0.00 0.00	36.62 0.11 0.00	35.27 0.11 -0.87	35.13 -0.03 -0.51	38.08 0.05 0.00	44.40 0.01 0.00	42.75 0.28 0.00	42.75 0.43 0.00	46.73 0.61 0.00	50.36 0.24 0.02	170.18 -0.66 0.00	44.42 -0.35 -0.01	41.60 -0.27 -0.17	44.86 -0.07 -0.07
BROOME___LFGE 323600	36.17 -0.32 0.00	35.42 -0.25 0.00	37.24 -0.24 0.00	35.32 -0.31 0.00	35.30 -0.24 0.00	38.04 -0.19 0.00	48.18 -0.06 0.00	47.35 -0.06 0.00	34.84 -0.15 0.00	35.13 -0.01 0.00	38.48 0.00 0.00	36.62 0.11 0.00	35.27 0.11 -0.87	35.13 -0.03 -0.51	38.08 0.05 0.00	44.40 0.01 0.00	42.75 0.28 0.00	42.75 0.43 0.00	46.73 0.61 0.00	50.36 0.24 0.02	170.18 -0.66 0.00	44.42 -0.35 -0.01	41.60 -0.27 -0.17	44.86 -0.24 -0.07
BROWNFLS_115KV_TB 3_5 80003	36.38 -0.11 0.00	35.59 -0.08 0.00	37.59 0.10 0.00	35.82 0.19 0.00	35.59 0.04 0.00	38.37 0.13 0.00	48.85 0.61 0.00	48.06 0.65 0.00	35.08 0.09 0.00	34.83 -0.31 0.00	37.94 -0.54 0.00	35.72 -0.79 0.00	33.34 -0.95 0.00	33.82 -0.83 0.00	36.88 -1.15 0.00	42.74 -1.65 0.00	40.87 -1.60 0.00	40.98 -1.34 0.00	45.50 -0.62 0.00	50.17 0.03 0.00	173.12 2.27 0.00	45.37 0.61 0.00	42.16 0.46 0.00	45.52 0.49 0.00
BROWNSV1_27_KV_LOAD 356125	39.52 3.02 0.00	38.38 2.71 0.00	39.98 2.49 0.00	37.91 2.28 0.00	37.74 2.20 0.00	40.57 2.34 0.00	50.84 2.61 0.00	49.80 2.39 0.00	37.02 2.03 0.00	37.71 2.57 0.00	46.29 3.48 -4.33	42.61 3.48 -2.62	39.18 3.59 -1.31	41.07 3.68 -2.75	44.13 4.07 -2.03	49.36 4.84 -0.13	59.72 4.79 -12.46	62.86 4.90 -15.64	50.87 4.74 0.00	54.22 4.09 0.00	181.15 10.30 0.00	47.28 2.52 0.00	44.34 2.64 0.00	48.23 3.19 0.00
BURROWS___LYONSDAL 23803	36.66 0.17 0.00	35.81 0.14 0.00	37.80 0.31 0.00	35.98 0.35 0.00	35.81 0.26 0.00	38.62 0.39 0.00	49.15 0.92 0.00	48.36 0.95 0.00	35.31 0.32 0.00	35.09 -0.05 0.00	38.28 -0.19 0.00	36.04 -0.47 0.00	33.71 -0.58 0.00	34.11 -0.54 0.00	37.45 -0.58 0.00	43.54 -0.85 0.00	41.86 -0.61 0.00	42.15 -0.17 0.00	46.77 0.64 0.00	51.16 1.03 0.00	175.32 4.47 0.00	45.79 1.03 0.00	42.52 0.82 0.00	45.79 0.76 0.00
CAITHNESS_CC_1 323624	39.44 2.95 0.00	38.46 2.79 0.00	39.81 2.32 0.00	37.72 2.09 0.00	37.61 2.06 0.00	40.32 2.08 0.00	50.42 2.19 0.00	49.48 2.08 0.00	36.38 1.39 0.00	37.34 2.20 0.00	46.20 3.42 -4.30	42.37 3.27 -2.59	54.97 3.60 -17.08	54.91 3.45 -16.81	53.01 3.64 -11.34	50.85 4.49 -1.97	66.65 4.13 -20.06	80.00 4.36 -33.32	49.81 3.68 0.00	54.30 2.65 -1.53	176.29 5.44 0.00	46.16 1.40 0.00	43.38 1.69 0.00	47.84 2.81 0.00
CALPINE BETH_PAGE_GT4 24209	39.26 2.77 0.00	38.20 2.52 0.00	39.70 2.21 0.00	37.63 2.00 0.00	37.51 1.96 0.00	40.24 2.00 0.00	50.34 2.11 0.00	49.42 2.01 0.00	36.52 1.53 0.00	37.20 2.06 0.00	45.80 3.02 -4.30	42.12 3.02 -2.59	54.62 3.25 -17.08	54.78 3.33 -16.81	53.09 3.72 -11.34	50.94 4.58 -1.97	61.33 4.32 -14.54	69.21 4.49 -22.40	50.10 3.98 0.00	53.83 3.06 -0.64	177.87 7.02 0.00	46.39 1.62 0.00	43.48 1.79 0.00	47.84 2.81 0.00
CALPINE_BETH_PAGE_GT_4 323586	39.26 2.76 0.00	38.20 2.53 0.00	39.70 2.21 0.00	37.63 2.00 0.00	37.51 1.96 0.00	40.24 2.00 0.00	50.34 2.11 0.00	49.43 2.02 0.00	36.53 1.54 0.00	37.20 2.06 0.00	45.79 3.01 -4.30	42.12 3.02 -2.59	54.62 3.25 -17.08	54.77 3.32 -16.81	53.08 3.71 -11.34	50.93 4.57 -1.97	61.32 4.31 -14.54	69.21 4.49 -22.40	50.10 3.98 0.00	53.83 3.05 -0.64	177.87 7.02 0.00	46.38 1.62 0.00	43.48 1.79 0.00	47.84 2.81 0.00
CALPINE_BP_GT1 23823	39.26 2.76 0.00	38.20 2.53 0.00	39.70 2.21 0.00	37.63 2.00 0.00	37.51 1.96 0.00	40.24 2.00 0.00	50.34 2.11 0.00	49.43 2.02 0.00	36.53 1.54 0.00	37.20 2.06 0.00	45.79 3.01 -4.30	42.12 3.02 -2.59	54.62 3.25 -17.08	54.77 3.32 -16.81	53.08 3.71 -11.34	50.93 4.57 -1.97	61.32 4.31 -14.54	69.21 4.49 -22.40	50.10 3.98 0.00	53.83 3.05 -0.64	177.87 7.02 0.00	46.38 1.62 0.00	43.48 1.79 0.00	47.84 2.81 0.00
CALSPAN___DRP 24200	33.96 -2.53 0.00	33.50 -2.17 0.00	35.33 -2.15 0.00	33.40 -2.23 0.00	33.46 -2.08 0.00	36.24 -2.00 0.00	46.45 -1.78 0.00	45.64 -1.77 0.00	33.74 -1.25 0.00	34.11 -1.03 0.00	37.06 -1.41 0.00	35.27 -1.24 0.00	25.77 7.12 12.32	20.77 12.32 10.25	26.18 10.25 14.26	27.82 14.26 12.06	28.97 12.06 5.64	35.10 -1.59 -1.61	44.51 -1.86 0.00	48.22 -5.70 0.06	165.15 -1.43 0.00	43.33 -1.43 0.00	40.46 -1.24 0.00	43.50 -1.48 0.05

CALVERTON___SOLAR 323806	39.60 3.11 0.00	38.64 2.97 0.00	39.92 2.44 0.00	37.82 2.20 0.00	37.73 2.18 0.00	40.44 2.21 0.00	50.61 2.38 0.00	49.66 2.25 0.00	36.47 1.48 0.00	37.57 2.43 0.00	46.49 3.71 -4.30	42.57 3.47 -2.59	55.22 3.84 -17.08	54.99 3.53 -16.81	53.08 3.71 -11.34	50.97 4.60 -1.97	66.89 4.28 -20.15	80.52 4.54 -33.66	49.98 3.85 0.00	54.51 2.82 -1.56	176.80 5.95 0.00	46.31 1.54 0.00	43.51 1.81 0.00	48.05 3.02 0.00
CANDIGU_WT_PWR 323617	34.21 -2.29 0.00	33.72 -1.95 0.00	35.66 -1.83 0.00	33.84 -1.79 0.00	33.94 -1.60 0.00	36.65 -1.59 0.00	46.62 -1.61 0.00	45.80 -1.61 0.00	33.55 -1.44 0.00	33.99 -1.15 0.00	36.96 -1.52 0.00	35.15 -1.36 0.00	-4.17 -1.68 36.78	-30.81 -1.98 63.48	-16.78 -2.12 52.70	-31.43 -2.65 73.18	-21.47 -2.04 61.89	11.68 -1.64 29.00	45.03 -1.09 0.00	48.75 -1.35 0.04	164.86 -5.98 0.00	43.14 -1.65 -0.02	40.98 -1.25 -0.53	44.24 -1.01 -0.22
CARR STREET_E_SYR 24060	35.91 -0.59 0.00	35.10 -0.57 0.00	36.89 -0.60 0.00	35.01 -0.62 0.00	34.97 -0.58 0.00	37.70 -0.54 0.00	47.73 -0.50 0.00	46.97 -0.44 0.00	34.62 -0.37 0.00	34.78 -0.36 0.00	38.05 -0.43 0.00	36.13 -0.38 0.00	33.94 -0.35 0.00	34.17 -0.48 0.00	37.49 -0.54 0.00	43.72 -0.67 0.00	42.00 -0.46 0.00	42.03 -0.29 0.00	45.95 -0.17 0.00	49.70 -0.40 0.03	168.95 -1.90 0.00	44.18 -0.59 0.00	41.13 -0.57 0.00	44.32 -0.69 0.02
CARTHAGE___PAPER 23857	36.67 0.18 0.00	35.83 0.16 0.00	37.88 0.39 0.00	36.11 0.48 0.00	35.86 0.31 0.00	38.72 0.48 0.00	49.59 1.36 0.00	48.84 1.43 0.00	35.33 0.34 0.00	34.78 -0.37 0.00	37.84 -0.64 0.00	35.48 -1.03 0.00	33.14 -1.15 0.00	33.55 -1.11 0.00	36.80 -1.23 0.00	42.65 -1.74 0.00	41.07 -1.40 0.00	41.55 -0.77 0.00	46.81 0.69 0.00	51.61 1.48 0.00	177.79 6.94 0.00	46.40 1.64 0.00	42.91 1.21 0.00	46.13 1.10 0.00
CASSADAGA_WT_PWR 323784	34.15 -2.34 0.00	33.83 -1.84 0.00	35.73 -1.75 0.00	33.76 -1.87 0.00	33.93 -1.62 0.00	36.67 -1.58 0.00	47.27 -0.97 0.00	47.29 -0.12 0.00	34.88 -0.11 0.00	35.31 0.17 0.00	38.50 0.03 0.00	36.59 0.08 0.00	29.19 -0.45 4.66	25.58 -1.00 8.07	30.29 -1.01 6.73	33.71 -1.35 9.34	34.33 -0.24 7.89	38.50 -0.13 3.69	46.45 0.33 0.00	49.80 -0.28 0.06	168.96 -1.88 0.00	43.76 -0.97 0.03	40.18 -0.63 0.89	43.91 -0.65 0.47
CE_DUNWOOD___DRP 24194	38.84 2.35 0.00	37.78 2.11 0.00	39.41 1.93 0.00	37.38 1.75 0.00	37.25 1.70 0.00	40.05 1.81 0.00	50.22 1.99 0.00	49.24 1.83 0.00	36.54 1.55 0.00	37.12 1.98 0.00	45.91 2.76 -4.67	42.45 2.80 -3.14	38.81 2.95 -1.56	40.97 3.03 -3.29	43.84 3.37 -2.44	48.59 4.05 -0.16	59.68 4.02 -13.19	62.96 4.14 -16.50	50.08 3.96 0.00	53.42 3.29 0.00	178.82 7.97 0.00	46.61 1.84 0.00	43.62 1.92 0.00	47.42 2.39 0.00
CE_MILLWOOD___DRP 24193	38.71 2.22 0.00	37.65 1.99 0.00	39.29 1.80 0.00	37.27 1.65 0.00	37.14 1.60 0.00	39.92 1.69 0.00	50.08 1.84 0.00	49.11 1.70 0.00	36.43 1.44 0.00	36.98 1.84 0.00	45.37 2.59 -4.31	38.15 2.62 0.98	36.60 2.80 0.49	36.49 2.87 1.03	40.46 3.19 0.76	48.18 3.84 0.05	60.16 3.84 -13.86	64.25 3.95 -17.99	49.90 3.78 0.00	53.27 3.14 0.00	178.33 7.48 0.00	46.52 1.76 0.00	43.54 1.84 0.00	47.31 2.28 0.00
CE_NYC2_DRP 24202	39.09 2.59 0.00	37.98 2.31 0.00	39.58 2.10 0.00	37.54 1.91 0.00	37.41 1.86 0.00	40.26 2.02 0.00	50.37 2.14 0.00	49.33 1.92 0.00	36.73 1.74 0.00	37.36 2.22 0.00	45.91 3.10 -4.33	42.25 3.12 -2.62	38.85 3.25 -1.30	40.69 3.29 -2.75	43.72 3.66 -2.03	48.83 4.31 -0.13	59.11 4.20 -12.45	62.30 4.35 -15.63	50.20 4.07 0.00	53.50 3.37 0.00	178.56 7.72 0.00	46.72 1.96 0.00	43.83 2.13 0.00	47.67 2.64 0.00
CE_NYC_DRP 24195	39.20 2.70 0.00	38.09 2.41 0.00	39.68 2.20 0.00	37.63 2.01 0.00	37.50 1.95 0.00	40.34 2.11 0.00	50.54 2.30 0.00	49.49 2.08 0.00	36.81 1.82 0.00	37.50 2.36 0.00	46.03 3.22 -4.33	42.37 3.23 -2.62	38.94 3.34 -1.31	40.83 3.43 -2.75	43.86 3.80 -2.03	49.05 4.53 -0.13	59.40 4.47 -12.46	62.53 4.57 -15.64	50.49 4.37 0.00	53.81 3.68 0.00	179.80 8.95 0.00	46.92 2.15 0.00	44.00 2.30 0.00	47.87 2.83 0.00
CHAFFEE___LFGE 323603	34.18 -2.32 0.00	33.70 -1.97 0.00	35.53 -1.95 0.00	33.57 -2.06 0.00	33.63 -1.92 0.00	36.41 -1.83 0.00	46.72 -1.51 0.00	45.94 -1.47 0.00	33.91 -1.08 0.00	34.29 -0.85 0.00	37.27 -1.20 0.00	35.51 -1.00 0.00	27.67 -1.13 5.49	23.86 -1.29 9.51	28.82 -1.30 7.92	31.51 -1.88 11.00	32.20 -0.97 9.30	36.79 -1.18 4.35	44.96 -1.16 0.00	48.62 -1.45 0.06	166.32 -4.53 0.00	43.54 -1.19 0.03	39.86 -1.02 0.82	43.34 -1.25 0.44
CHATEAUG_35_KV_LOAD 355732	35.82 -0.67 0.00	35.07 -0.61 0.00	36.94 -0.54 0.00	35.23 -0.40 0.00	35.06 -0.49 0.00	37.64 -0.59 0.00	47.61 -0.62 0.00	46.76 -0.66 0.00	34.55 -0.44 0.00	34.59 -0.55 0.00	37.76 -0.72 0.00	35.75 -0.77 0.00	33.43 -0.86 0.00	33.83 -0.82 0.00	37.10 -0.93 0.00	43.43 -0.96 0.00	41.62 -0.84 0.00	41.57 -0.75 0.00	45.58 -0.54 0.00	50.07 -0.06 0.00	171.97 1.12 0.00	45.16 0.40 0.00	41.84 0.14 0.00	45.13 0.09 0.00
CHATEAUG_WT_PWR 323614	35.79 -0.70 0.00	35.03 -0.64 0.00	36.90 -0.59 0.00	35.20 -0.43 0.00	35.05 -0.50 0.00	37.60 -0.64 0.00	47.57 -0.66 0.00	46.71 -0.70 0.00	34.52 -0.46 0.00	34.60 -0.55 0.00	37.78 -0.70 0.00	35.76 -0.75 0.00	33.46 -0.83 0.00	33.84 -0.81 0.00	37.14 -0.89 0.00	43.47 -0.92 0.00	41.68 -0.79 0.00	41.64 -0.68 0.00	45.59 -0.54 0.00	50.01 -0.12 0.00	171.69 0.85 0.00	45.10 0.34 0.00	41.81 0.12 0.00	45.12 0.08 0.00
CHAT_HIGH_FALL_HYD 323578	35.82 -0.67 0.00	35.07 -0.61 0.00	36.94 -0.54 0.00	35.23 -0.40 0.00	35.06 -0.49 0.00	37.64 -0.59 0.00	47.61 -0.62 0.00	46.76 -0.66 0.00	34.55 -0.44 0.00	34.59 -0.55 0.00	37.76 -0.72 0.00	35.75 -0.77 0.00	33.43 -0.86 0.00	33.83 -0.82 0.00	37.10 -0.93 0.00	43.43 -0.96 0.00	41.62 -0.84 0.00	41.57 -0.75 0.00	45.58 -0.54 0.00	50.07 -0.06 0.00	171.97 1.12 0.00	45.16 0.40 0.00	41.84 0.14 0.00	45.13 0.09 0.00
CHAUTAUQUA___LFGE 323629	34.08 -2.41 0.00	33.72 -1.95 0.00	35.57 -1.91 0.00	33.60 -2.03 0.00	33.70 -1.85 0.00	36.42 -1.81 0.00	46.87 -1.36 0.00	46.53 -0.88 0.00	34.29 -0.70 0.00	34.70 -0.45 0.00	37.86 -0.61 0.00	36.10 -0.41 0.00	27.51 -0.78 6.00	23.05 -1.20 10.40	28.21 -1.17 8.66	30.69 -1.67 12.03	31.66 -0.64 10.17	36.99 -0.57 4.76	45.77 -0.36 0.00	49.23 -0.84 0.06	167.08 -3.76 0.00	43.44 -1.29 0.03	39.86 -1.02 0.82	43.46 -1.13 0.44
CHERRYST_13_KV_LD 356241	39.31 2.81 0.00	38.19 2.52 0.00	39.79 2.31 0.00	37.74 2.11 0.00	37.61 2.06 0.00	40.47 2.23 0.00	50.71 2.48 0.00	49.68 2.27 0.00	36.95 1.96 0.00	37.66 2.52 0.00	46.21 3.40 -4.33	42.54 3.41 -2.62	39.10 3.51 -1.31	41.00 3.60 -2.75	44.05 3.99 -2.03	49.27 4.75 -0.13	59.61 4.69 -12.46	62.73 4.77 -15.64	50.71 4.58 0.00	54.02 3.89 0.00	180.48 9.63 0.00	47.08 2.32 0.00	44.14 2.44 0.00	48.02 2.98 0.00

CHESTROR_138KV_BK263 355645	38.29 1.80 0.00	37.29 1.62 0.00	38.94 1.46 0.00	36.97 1.34 0.00	36.85 1.30 0.00	39.61 1.37 0.00	49.74 1.51 0.00	48.81 1.40 0.00	36.16 1.17 0.00	36.61 1.47 0.00	36.25 2.07 4.30	38.30 2.13 0.34	36.41 2.29 0.17	36.64 2.35 0.36	40.39 2.62 0.26	47.57 3.20 0.02	161.73 3.27 -116.00	195.12 3.40 -149.40	49.44 3.32 0.00	52.90 2.77 0.00	177.44 6.60 0.00	46.25 1.49 0.00	43.21 1.51 0.00	46.87 1.84 0.00
CH_MIDHUDSON___DRP 24192	38.66 2.17 0.00	37.64 1.97 0.00	39.29 1.81 0.00	37.30 1.67 0.00	37.18 1.63 0.00	39.97 1.74 0.00	50.17 1.93 0.00	49.20 1.79 0.00	36.47 1.48 0.00	36.92 1.78 0.00	40.90 2.41 -0.01	39.06 2.45 -0.09	36.93 2.59 -0.05	37.42 2.67 -0.10	41.09 2.99 -0.07	48.02 3.63 0.00	52.72 3.61 -6.65	54.56 3.70 -8.54	49.72 3.59 0.00	53.15 3.02 0.00	178.40 7.55 0.00	46.53 1.77 0.00	43.52 1.81 0.00	47.21 2.17 0.00
CH_MISC_IPPS 23765	38.88 2.39 0.00	37.85 2.18 0.00	39.49 2.01 0.00	37.48 1.86 0.00	37.37 1.82 0.00	40.18 1.94 0.00	50.47 2.24 0.00	49.52 2.11 0.00	36.69 1.71 0.00	37.17 2.03 0.00	41.18 2.69 -0.01	39.34 2.74 -0.09	37.21 2.88 -0.05	37.71 2.97 -0.09	41.43 3.33 -0.07	48.46 4.06 0.00	54.04 4.10 -7.47	56.13 4.19 -9.61	50.27 4.15 0.00	53.73 3.60 0.00	180.16 9.31 0.00	46.95 2.18 0.00	43.86 2.16 0.00	47.54 2.51 0.00
CH_RES_BVR_FALLS 23983	36.24 -0.25 0.00	35.45 -0.22 0.00	37.30 -0.19 0.00	35.49 -0.14 0.00	35.37 -0.18 0.00	38.02 -0.21 0.00	48.03 -0.21 0.00	47.22 -0.19 0.00	34.85 -0.14 0.00	34.97 -0.17 0.00	38.26 -0.22 0.00	36.26 -0.25 0.00	33.98 -0.31 0.00	34.34 -0.31 0.00	37.69 -0.34 0.00	44.01 -0.38 0.00	42.12 -0.34 0.00	42.00 -0.32 0.00	45.84 -0.29 0.00	49.98 -0.15 0.00	170.69 -0.16 0.00	44.74 -0.02 0.00	41.63 -0.07 0.00	44.94 -0.10 0.00
CH_RES_NIAGARA 23895	33.10 -3.39 0.00	32.70 -2.97 0.00	34.50 -2.99 0.00	32.62 -3.01 0.00	32.68 -2.87 0.00	35.39 -2.85 0.00	45.28 -2.95 0.00	44.32 -3.09 0.00	32.82 -2.17 0.00	33.15 -1.99 0.00	35.98 -2.49 0.00	34.22 -2.29 0.00	26.49 -2.44 5.35	22.78 -2.59 9.28	27.56 -2.75 7.72	29.82 -3.84 10.72	30.43 -2.96 9.07	34.53 -3.48 4.30	42.36 -3.77 0.00	45.97 -4.09 0.06	158.24 -12.60 0.00	41.70 -3.06 0.00	39.27 -2.43 0.00	42.31 -2.67 0.06
CH_RES_SYRACUSE 23985	36.30 -0.19 0.00	35.49 -0.18 0.00	37.29 -0.19 0.00	35.40 -0.23 0.00	35.35 -0.20 0.00	38.12 -0.12 0.00	48.30 0.07 0.00	47.56 0.15 0.00	35.01 0.02 0.00	35.14 0.00 0.00	38.42 -0.05 0.00	36.59 0.08 0.00	34.59 0.30 0.00	34.60 -0.05 0.00	37.72 -0.31 0.00	43.98 -0.42 0.00	42.24 -0.22 0.00	42.31 -0.01 0.00	46.34 0.21 0.00	50.18 0.04 -0.01	170.35 -0.50 0.00	44.56 -0.20 0.00	41.48 -0.22 0.00	44.71 -0.33 -0.01
CLINTON_WT_PWR 323605	35.79 -0.70 0.00	35.03 -0.64 0.00	36.90 -0.59 0.00	35.20 -0.43 0.00	35.05 -0.50 0.00	37.60 -0.64 0.00	47.57 -0.66 0.00	46.71 -0.70 0.00	34.52 -0.46 0.00	34.60 -0.55 0.00	37.78 -0.70 0.00	35.76 -0.75 0.00	33.46 -0.83 0.00	33.84 -0.81 0.00	37.14 -0.89 0.00	43.47 -0.92 0.00	41.68 -0.79 0.00	41.64 -0.68 0.00	45.59 -0.54 0.00	50.01 -0.12 0.00	171.69 0.85 0.00	45.10 0.34 0.00	41.81 0.12 0.00	45.12 0.08 0.00
CLINTON___LFGE 323618	36.18 -0.32 0.00	35.39 -0.28 0.00	37.32 -0.17 0.00	35.60 -0.03 0.00	35.46 -0.08 0.00	38.05 -0.19 0.00	48.22 -0.01 0.00	47.36 -0.05 0.00	34.91 -0.08 0.00	34.92 -0.22 0.00	38.07 -0.40 0.00	36.03 -0.49 0.00	33.73 -0.55 0.00	34.08 -0.57 0.00	37.41 -0.62 0.00	43.80 -0.59 0.00	42.13 -0.33 0.00	42.15 -0.17 0.00	46.21 0.09 0.00	50.65 0.52 0.00	173.92 3.07 0.00	45.71 0.94 0.00	42.35 0.65 0.00	45.65 0.61 0.00
COBBLENY_34_KV_TB1 80064	34.17 -2.32 0.00	33.71 -1.96 0.00	35.53 -1.95 0.00	33.58 -2.05 0.00	33.62 -1.92 0.00	36.40 -1.83 0.00	46.70 -1.53 0.00	45.95 -1.46 0.00	33.93 -1.06 0.00	34.28 -0.86 0.00	37.27 -1.21 0.00	35.50 -1.00 0.00	27.65 -1.15 5.49	23.82 -1.33 9.51	28.78 -1.33 7.92	31.45 -1.94 11.00	32.15 -1.01 9.30	36.79 -1.18 4.35	44.95 -1.18 0.00	48.63 -1.45 0.06	166.35 -4.50 0.00	43.57 -1.19 0.00	40.68 -1.02 0.00	43.72 -1.26 0.05
COFFEEN___115KV_TB3 355620	36.65 0.16 0.00	35.81 0.13 0.00	37.83 0.34 0.00	36.04 0.41 0.00	35.80 0.25 0.00	38.67 0.43 0.00	49.61 1.37 0.00	48.91 1.50 0.00	35.25 0.26 0.00	34.64 -0.50 0.00	37.73 -0.74 0.00	35.40 -1.11 0.00	33.12 -1.17 0.00	33.50 -1.15 0.00	36.75 -1.28 0.00	42.53 -1.86 0.00	40.97 -1.50 0.00	41.53 -0.79 0.00	47.04 0.92 0.00	51.81 1.68 0.00	178.25 7.41 0.00	46.52 1.76 0.00	42.93 1.23 0.00	46.08 1.05 0.00
COLDSPRG_115KV_BK1 355956	35.22 -1.28 0.00	34.76 -0.91 0.00	36.67 -0.81 0.00	34.63 -1.00 0.00	34.72 -0.82 0.00	37.54 -0.69 0.00	48.28 0.04 0.00	48.11 0.71 0.00	35.41 0.42 0.00	35.97 0.83 0.00	39.30 0.82 0.00	37.34 0.83 0.00	32.14 0.37 2.52	30.21 -0.04 4.40	34.37 0.03 3.69	39.21 -0.10 5.09	38.88 0.72 4.30	40.94 0.63 2.01	47.12 0.99 0.00	50.35 0.27 0.05	170.34 -0.51 0.00	44.02 -0.74 0.00	41.28 -0.43 0.00	44.67 -0.32 0.05
COLONIE_LFGE___ 323577	37.82 1.33 0.00	36.95 1.28 0.00	38.79 1.30 0.00	36.89 1.26 0.00	36.80 1.25 0.00	39.57 1.33 0.00	49.89 1.66 0.00	49.03 1.62 0.00	36.11 1.12 0.00	36.10 0.96 0.00	39.92 0.88 -0.57	37.37 0.86 0.00	35.16 0.87 0.00	35.53 0.88 0.00	38.87 0.84 0.00	45.40 1.01 0.00	43.25 0.78 0.00	43.38 1.06 0.00	47.23 1.11 0.00	51.04 0.90 0.00	173.87 3.03 0.00	45.61 0.85 0.00	42.69 0.99 0.00	46.10 1.06 0.00
COOPERNY_115KV_TB1 80082	37.71 1.22 0.00	36.77 1.10 0.00	38.47 0.99 0.00	36.53 0.91 0.00	36.44 0.90 0.00	39.17 0.94 0.00	49.25 1.02 0.00	48.40 0.99 0.00	35.81 0.82 0.00	36.15 1.01 0.00	37.90 1.43 2.01	37.86 1.47 0.12	35.83 1.60 0.06	36.15 1.63 0.13	39.77 1.84 0.10	46.62 2.23 0.01	36.69 2.31 8.09	34.36 2.43 10.39	48.47 2.35 0.00	52.04 1.91 0.00	175.19 4.35 0.00	45.73 0.97 0.00	42.71 1.01 0.00	46.27 1.24 0.00
COPENHAGEN_WT_PWR 323753	35.92 -0.57 0.00	35.11 -0.56 0.00	37.13 -0.35 0.00	35.43 -0.19 0.00	35.13 -0.41 0.00	37.88 -0.36 0.00	48.63 0.39 0.00	48.03 0.62 0.00	34.64 -0.34 0.00	34.13 -1.01 0.00	37.26 -1.22 0.00	34.91 -1.60 0.00	32.61 -1.69 0.00	32.97 -1.69 0.00	36.17 -1.86 0.00	41.95 -2.44 0.00	40.41 -2.06 0.00	40.90 -1.42 0.00	46.18 0.06 0.00	50.93 0.80 0.00	175.55 4.70 0.00	45.80 1.04 0.00	42.24 0.54 0.00	45.40 0.36 0.00
CORNELL_____ 23752	36.69 0.19 0.00	35.88 0.21 0.00	37.69 0.20 0.00	35.77 0.14 0.00	35.74 0.20 0.00	38.57 0.33 0.00	48.93 0.70 0.00	48.28 0.87 0.00	35.43 0.44 0.00	35.44 0.30 0.00	38.67 0.20 0.00	36.65 0.14 0.00	36.79 0.05 -2.44	38.69 -0.09 -4.13	41.20 -0.20 -3.38	48.78 -0.31 -4.70	46.40 -0.04 -3.97	44.56 0.38 -1.86	47.18 1.06 0.00	51.14 1.02 0.02	173.40 2.56 0.00	45.29 0.53 0.00	42.15 0.45 0.00	45.39 0.38 0.01

CORONA_V_69_KV_TB1 355595	39.42 2.93 0.00	38.32 2.65 0.00	39.88 2.40 0.00	37.81 2.19 0.00	37.69 2.14 0.00	40.46 2.22 0.00	50.62 2.39 0.00	49.64 2.23 0.00	36.74 1.75 0.00	37.40 2.26 0.00	46.14 3.36 -4.30	42.51 3.40 -2.59	54.89 3.52 -17.08	55.03 3.57 -16.81	53.34 3.97 -11.34	51.22 4.86 -1.97	59.46 4.63 -12.37	62.64 4.79 -15.53	50.56 4.43 0.00	53.78 3.65 0.00	179.77 8.92 0.00	46.91 2.14 0.00	43.93 2.23 0.00	48.08 3.04 0.00
CORTLAND_115KV_TB3 80093	36.52 0.03 0.00	35.73 0.06 0.00	37.53 0.05 0.00	35.63 0.00 0.00	35.59 0.04 0.00	38.37 0.13 0.00	48.61 0.38 0.00	47.90 0.49 0.00	35.21 0.22 0.00	35.35 0.21 0.00	38.62 0.14 0.00	36.62 0.11 0.00	35.27 0.08 -0.90	35.25 -0.07 -0.67	37.95 -0.08 0.00	44.29 -0.10 0.00	42.55 0.09 0.00	42.66 0.34 0.00	46.85 0.73 0.00	50.75 0.63 0.01	172.03 1.19 0.00	44.94 0.18 0.00	41.84 0.14 0.00	45.12 0.10 0.01
COXSACKIE___GT 23611	38.79 2.30 0.00	37.96 2.29 0.00	39.78 2.29 0.00	37.85 2.22 0.00	37.78 2.23 0.00	40.71 2.47 0.00	51.39 3.16 0.00	50.61 3.20 0.00	37.12 2.13 0.00	36.39 1.25 0.00	38.74 0.26 0.00	37.65 1.14 0.00	19.31 1.30 16.28	-18.58 1.33 54.56	0.25 1.41 39.19	45.99 1.59 0.00	44.04 1.58 0.00	44.38 2.06 0.00	48.70 2.58 0.00	52.87 2.74 0.00	175.84 4.99 0.00	46.32 1.55 0.00	43.62 1.92 0.00	46.98 1.95 0.00
CPV_VALLEY___CC1 323721	37.95 1.46 0.00	36.98 1.31 0.00	38.65 1.16 0.00	36.70 1.07 0.00	36.58 1.04 0.00	39.30 1.06 0.00	49.36 1.13 0.00	48.44 1.03 0.00	35.89 0.90 0.00	36.33 1.19 0.00	37.40 1.71 2.79	38.11 1.78 0.18	36.15 1.94 0.09	36.44 1.98 0.18	40.11 2.22 0.14	47.09 2.70 0.01	38.27 2.76 6.95	36.29 2.90 8.93	48.88 2.76 0.00	52.35 2.22 0.00	175.74 4.90 0.00	45.85 1.08 0.00	42.84 1.14 0.00	46.46 1.43 0.00
CPV_VALLEY___CC2 323722	37.95 1.46 0.00	36.98 1.31 0.00	38.65 1.16 0.00	36.70 1.07 0.00	36.58 1.04 0.00	39.30 1.06 0.00	49.36 1.13 0.00	48.44 1.03 0.00	35.89 0.90 0.00	36.33 1.19 0.00	37.40 1.71 2.79	38.11 1.78 0.18	36.15 1.94 0.09	36.44 1.98 0.18	40.11 2.22 0.14	47.09 2.70 0.01	38.27 2.76 6.95	36.29 2.90 8.93	48.88 2.76 0.00	52.35 2.22 0.00	175.74 4.90 0.00	45.85 1.08 0.00	42.84 1.14 0.00	46.46 1.43 0.00
CRESCENT___HYD 24018	37.82 1.33 0.00	36.95 1.28 0.00	38.79 1.30 0.00	36.89 1.26 0.00	36.80 1.25 0.00	39.57 1.33 0.00	49.89 1.66 0.00	49.03 1.62 0.00	36.11 1.12 0.00	36.10 0.96 0.00	39.92 0.88 -0.57	37.37 0.86 0.00	35.16 0.87 0.00	35.53 0.88 0.00	38.87 0.84 0.00	45.40 1.01 0.00	43.25 0.78 0.00	43.38 1.06 0.00	47.23 1.11 0.00	51.04 0.90 0.00	173.87 3.03 0.00	45.61 0.85 0.00	42.69 0.99 0.00	46.10 1.06 0.00
CRICKET___VALLEY_CC1 323756	38.28 1.79 0.00	37.29 1.62 0.00	38.90 1.42 0.00	36.98 1.35 0.00	36.83 1.29 0.00	39.57 1.34 0.00	49.61 1.38 0.00	48.65 1.24 0.00	36.09 1.11 0.00	36.52 1.38 0.00	42.12 1.97 -1.68	38.55 2.04 0.00	36.52 2.23 0.00	36.96 2.31 0.00	40.62 2.59 0.00	47.50 3.11 0.00	51.90 3.04 -6.40	53.71 3.15 -8.24	49.05 2.92 0.00	52.41 2.27 0.00	175.90 5.05 0.00	45.93 1.16 0.00	43.00 1.30 0.00	46.65 1.62 0.00
CRICKET___VALLEY_CC2 323757	38.28 1.79 0.00	37.29 1.62 0.00	38.90 1.42 0.00	36.98 1.35 0.00	36.83 1.29 0.00	39.57 1.34 0.00	49.61 1.38 0.00	48.65 1.24 0.00	36.09 1.11 0.00	36.52 1.38 0.00	42.12 1.97 -1.68	38.55 2.04 0.00	36.52 2.23 0.00	36.96 2.31 0.00	40.62 2.59 0.00	47.50 3.11 0.00	51.90 3.04 -6.40	53.71 3.15 -8.24	49.05 2.92 0.00	52.41 2.27 0.00	175.90 5.05 0.00	45.93 1.16 0.00	43.00 1.30 0.00	46.65 1.62 0.00
CRICKET___VALLEY_CC3 323758	38.28 1.79 0.00	37.29 1.62 0.00	38.90 1.42 0.00	36.98 1.35 0.00	36.83 1.29 0.00	39.57 1.34 0.00	49.61 1.38 0.00	48.65 1.24 0.00	36.09 1.11 0.00	36.52 1.38 0.00	42.12 1.97 -1.68	38.55 2.04 0.00	36.52 2.23 0.00	36.96 2.31 0.00	40.62 2.59 0.00	47.50 3.11 0.00	51.90 3.04 -6.40	53.71 3.15 -8.24	49.05 2.92 0.00	52.41 2.27 0.00	175.90 5.05 0.00	45.93 1.16 0.00	43.00 1.30 0.00	46.65 1.62 0.00
CRUCIBLE_METL_DRP 24180	36.30 -0.19 0.00	35.49 -0.18 0.00	37.29 -0.19 0.00	35.40 -0.23 0.00	35.35 -0.20 0.00	38.12 -0.12 0.00	48.30 0.07 0.00	47.56 0.15 0.00	35.01 0.02 0.00	35.13 0.00 0.00	38.42 -0.05 0.00	36.59 0.08 0.00	34.59 0.29 0.00	34.60 -0.05 0.00	37.72 -0.31 0.00	43.97 -0.42 0.00	42.24 -0.22 0.00	42.31 -0.01 0.00	46.34 0.22 0.00	50.18 0.04 -0.01	170.35 -0.50 0.00	44.56 -0.20 0.00	41.48 -0.22 0.00	44.71 -0.33 -0.01
DAHOWA___HYDRO 323763	38.37 1.87 0.00	37.42 1.75 0.00	39.27 1.78 0.00	37.34 1.71 0.00	37.26 1.71 0.00	40.08 1.84 0.00	50.73 2.50 0.00	49.83 2.41 0.00	36.49 1.51 0.00	36.33 1.19 0.00	39.53 1.05 0.00	37.60 1.09 0.00	35.29 1.00 0.00	35.68 1.03 0.00	38.98 0.95 0.00	45.49 1.09 0.00	43.54 1.07 0.00	44.00 1.68 0.00	48.22 2.10 0.00	52.26 2.12 0.00	177.83 6.98 0.00	46.60 1.83 0.00	43.63 1.93 0.00	46.99 1.95 0.00
DANC___LFGE 323619	35.77 -0.72 0.00	34.97 -0.70 0.00	36.89 -0.60 0.00	35.13 -0.49 0.00	34.93 -0.62 0.00	37.66 -0.58 0.00	48.07 -0.16 0.00	47.40 -0.01 0.00	34.46 -0.52 0.00	34.17 -0.97 0.00	37.31 -1.16 0.00	35.14 -1.37 0.00	32.90 -1.39 0.00	33.24 -1.41 0.00	36.50 -1.53 0.00	42.42 -1.98 0.00	40.75 -1.71 0.00	41.08 -1.24 0.00	45.85 -0.28 0.00	50.26 0.12 -0.01	172.35 1.51 0.00	45.07 0.31 0.00	41.70 0.00 0.00	44.86 -0.18 -0.01
DANSKAMMER___1 23586	38.88 2.39 0.00	37.85 2.18 0.00	39.49 2.01 0.00	37.48 1.86 0.00	37.37 1.82 0.00	40.18 1.94 0.00	50.47 2.24 0.00	49.52 2.11 0.00	36.69 1.71 0.00	37.17 2.03 0.00	41.18 2.69 -0.01	39.34 2.74 -0.09	37.21 2.88 -0.05	37.71 2.97 -0.09	41.43 3.33 -0.07	48.46 4.06 0.00	54.04 4.10 -7.47	56.13 4.19 -9.61	50.27 4.15 0.00	53.73 3.60 0.00	180.16 9.31 0.00	46.95 2.18 0.00	43.86 2.16 0.00	47.54 2.51 0.00
DANSKAMMER___2 23589	38.88 2.39 0.00	37.85 2.18 0.00	39.49 2.01 0.00	37.48 1.86 0.00	37.37 1.82 0.00	40.18 1.94 0.00	50.47 2.24 0.00	49.52 2.11 0.00	36.69 1.71 0.00	37.17 2.03 0.00	41.18 2.69 -0.01	39.34 2.74 -0.09	37.21 2.88 -0.05	37.71 2.97 -0.09	41.43 3.33 -0.07	48.46 4.06 0.00	54.04 4.10 -7.47	56.13 4.19 -9.61	50.27 4.15 0.00	53.73 3.60 0.00	180.16 9.31 0.00	46.95 2.18 0.00	43.86 2.16 0.00	47.54 2.51 0.00
DANSKAMMER___3 23590	38.88 2.39 0.00	37.85 2.18 0.00	39.49 2.01 0.00	37.48 1.86 0.00	37.37 1.82 0.00	40.18 1.94 0.00	50.47 2.24 0.00	49.52 2.11 0.00	36.69 1.71 0.00	37.17 2.03 0.00	41.18 2.69 -0.01	39.34 2.74 -0.09	37.21 2.88 -0.05	37.71 2.97 -0.09	41.43 3.33 -0.07	48.46 4.06 0.00	54.04 4.10 -7.47	56.13 4.19 -9.61	50.27 4.15 0.00	53.73 3.60 0.00	180.16 9.31 0.00	46.95 2.18 0.00	43.86 2.16 0.00	47.54 2.51 0.00

DANSKAMMER___4 23591	38.88 2.39 0.00	37.85 2.18 0.00	39.49 2.01 0.00	37.48 1.86 0.00	37.37 1.82 0.00	40.18 1.94 0.00	50.47 2.24 0.00	49.52 2.11 0.00	36.69 1.71 0.00	37.17 2.03 0.00	41.18 2.69 -0.01	39.34 2.74 -0.09	37.21 2.88 -0.05	37.71 2.97 -0.09	41.43 3.33 -0.07	48.46 4.06 0.00	54.04 4.10 -7.47	56.13 4.19 -9.61	50.27 4.15 0.00	53.73 3.60 0.00	180.16 9.31 0.00	46.95 2.18 0.00	43.86 2.16 0.00	47.54 2.51 0.00
DANSKAMMER___DIESEL 23592	38.89 2.39 0.00	37.85 2.18 0.00	39.49 2.01 0.00	37.48 1.86 0.00	37.37 1.82 0.00	40.18 1.94 0.00	50.47 2.24 0.00	49.52 2.11 0.00	36.69 1.70 0.00	37.18 2.03 0.00	41.19 2.70 -0.01	39.34 2.74 -0.09	37.21 2.88 -0.05	37.72 2.97 -0.09	41.43 3.33 -0.07	48.46 4.07 0.00	54.04 4.11 -7.47	56.13 4.19 -9.61	50.28 4.15 0.00	53.73 3.60 0.00	180.17 9.32 0.00	46.95 2.18 0.00	43.86 2.16 0.00	47.55 2.51 0.00
DARBY___SOLAR 323810	38.18 1.69 0.00	37.26 1.59 0.00	39.10 1.61 0.00	37.17 1.55 0.00	37.10 1.55 0.00	39.89 1.65 0.00	50.45 2.22 0.00	49.54 2.13 0.00	36.32 1.33 0.00	36.19 1.06 0.00	39.42 0.94 0.00	37.45 0.94 0.00	35.17 0.87 0.00	35.55 0.90 0.00	38.86 0.83 0.00	45.37 0.98 0.00	43.40 0.94 0.00	43.79 1.48 0.00	47.92 1.80 0.00	51.91 1.78 0.00	176.66 5.81 0.00	46.31 1.55 0.00	43.36 1.66 0.00	46.73 1.70 0.00
DASHVILLE___HYD 23610	38.42 1.93 0.00	37.39 1.72 0.00	39.00 1.51 0.00	37.02 1.39 0.00	36.92 1.37 0.00	39.67 1.44 0.00	49.80 1.57 0.00	48.85 1.44 0.00	36.25 1.26 0.00	36.71 1.57 0.00	40.61 2.13 0.00	38.74 2.23 0.00	32.80 2.43 3.93	24.04 2.55 13.16	31.48 2.90 9.45	47.89 3.50 0.00	50.46 3.51 -4.49	51.53 3.43 -5.78	49.49 3.37 0.00	52.98 2.84 0.00	177.89 7.05 0.00	46.41 1.64 0.00	43.34 1.64 0.00	46.94 1.91 0.00
DELAWARE___LFGE 323621	37.35 0.86 0.00	36.47 0.80 0.00	38.34 0.86 0.00	36.41 0.78 0.00	36.39 0.84 0.00	39.16 0.93 0.00	49.29 1.06 0.00	48.43 1.02 0.00	35.74 0.75 0.00	35.96 0.82 0.00	39.50 1.02 0.00	37.52 1.01 0.00	35.36 1.07 0.00	35.70 1.05 0.00	39.23 1.20 0.00	45.81 1.42 0.00	43.95 1.48 0.00	43.98 1.66 0.00	47.84 1.72 0.00	51.51 1.39 0.01	174.56 3.72 0.00	45.66 0.90 0.00	42.59 0.89 0.00	46.01 0.98 0.01
DERFIELD_115KV_TB7 355931	36.63 0.13 0.00	35.78 0.11 0.00	37.60 0.11 0.00	35.73 0.11 0.00	35.65 0.11 0.00	38.35 0.12 0.00	48.34 0.11 0.00	47.51 0.10 0.00	35.05 0.06 0.00	35.19 0.05 0.00	38.52 0.04 0.00	36.55 0.04 0.00	34.33 0.04 0.00	34.69 0.03 0.00	38.08 0.05 0.00	44.47 0.08 0.00	42.55 0.09 0.00	42.49 0.17 0.00	46.35 0.22 0.00	50.25 0.12 0.00	171.02 0.17 0.00	44.80 0.04 0.00	41.78 0.08 0.00	45.13 0.09 0.00
DOGLEVILLE___HYD 23807	37.66 1.17 0.00	36.64 0.97 0.00	38.38 0.89 0.00	36.51 0.89 0.00	36.51 0.96 0.00	39.28 1.05 0.00	49.55 1.31 0.00	48.50 1.09 0.00	35.31 0.33 0.00	35.27 0.13 0.00	38.13 -0.34 0.00	36.08 -0.43 0.00	33.75 -0.54 0.00	33.93 -0.73 0.00	37.23 -0.80 0.00	43.60 -0.79 0.00	41.57 -0.90 0.00	42.15 -0.17 0.00	46.72 0.60 0.00	50.73 0.59 0.00	172.66 1.82 0.00	45.21 0.44 0.00	42.39 0.69 0.00	45.86 0.82 0.00
DUNKIRK__115KV_TB_200 55889	34.08 -2.41 0.00	33.71 -1.97 0.00	35.56 -1.93 0.00	33.58 -2.05 0.00	33.68 -1.87 0.00	36.38 -1.85 0.00	46.81 -1.43 0.00	46.44 -0.97 0.00	34.23 -0.76 0.00	34.63 -0.51 0.00	37.79 -0.69 0.00	36.03 -0.48 0.00	27.33 -0.83 6.14	22.79 -1.23 10.63	27.99 -1.20 8.84	30.39 -1.71 12.29	31.38 -0.70 10.39	36.80 -0.65 4.86	45.67 -0.46 0.00	49.14 -0.94 0.06	166.75 -4.10 0.00	43.41 -1.35 0.00	40.61 -1.09 0.00	43.78 -1.20 0.05
DUNKIRK___1 23563	34.08 -2.41 0.00	33.71 -1.97 0.00	35.56 -1.93 0.00	33.58 -2.05 0.00	33.68 -1.87 0.00	36.38 -1.85 0.00	46.81 -1.43 0.00	46.44 -0.97 0.00	34.23 -0.76 0.00	34.63 -0.51 0.00	37.79 -0.69 0.00	36.03 -0.48 0.00	27.33 -0.83 6.14	22.79 -1.23 10.63	27.99 -1.20 8.84	30.39 -1.71 12.29	31.38 -0.70 10.39	36.80 -0.65 4.86	45.67 -0.46 0.00	49.14 -0.94 0.06	166.75 -4.10 0.00	43.41 -1.35 0.00	40.61 -1.09 0.00	43.78 -1.20 0.05
DUNKIRK___2 23564	34.08 -2.41 0.00	33.71 -1.97 0.00	35.56 -1.93 0.00	33.58 -2.05 0.00	33.68 -1.87 0.00	36.38 -1.85 0.00	46.81 -1.43 0.00	46.44 -0.97 0.00	34.23 -0.76 0.00	34.63 -0.51 0.00	37.79 -0.69 0.00	36.03 -0.48 0.00	27.33 -0.83 6.14	22.79 -1.23 10.63	27.99 -1.20 8.84	30.39 -1.71 12.29	31.38 -0.70 10.39	36.80 -0.65 4.86	45.67 -0.46 0.00	49.14 -0.94 0.06	166.75 -4.10 0.00	43.41 -1.35 0.00	40.61 -1.09 0.00	43.78 -1.20 0.05
DUNKIRK___3 23565	34.04 -2.46 0.00	33.64 -2.03 0.00	35.48 -2.00 0.00	33.51 -2.12 0.00	33.60 -1.95 0.00	36.32 -1.92 0.00	46.65 -1.59 0.00	46.15 -1.27 0.00	34.03 -0.96 0.00	34.43 -0.71 0.00	37.54 -0.93 0.00	35.79 -0.72 0.00	26.63 -0.99 6.67	21.79 -1.31 11.55	27.12 -1.30 9.61	29.18 -1.86 13.35	30.26 -0.91 11.29	36.08 -0.96 5.28	45.28 -0.85 0.00	48.78 -1.29 0.06	165.75 -5.09 0.00	43.23 -1.54 0.00	40.43 -1.27 0.00	43.59 -1.39 0.05
DUNKIRK___4 23566	34.04 -2.46 0.00	33.64 -2.03 0.00	35.48 -2.00 0.00	33.51 -2.12 0.00	33.60 -1.95 0.00	36.32 -1.92 0.00	46.65 -1.59 0.00	46.15 -1.27 0.00	34.03 -0.96 0.00	34.43 -0.71 0.00	37.54 -0.93 0.00	35.79 -0.72 0.00	26.63 -0.99 6.67	21.79 -1.31 11.55	27.12 -1.30 9.61	29.18 -1.86 13.35	30.26 -0.91 11.29	36.08 -0.96 5.28	45.28 -0.85 0.00	48.78 -1.29 0.06	165.75 -5.09 0.00	43.23 -1.54 0.00	40.43 -1.27 0.00	43.59 -1.39 0.05
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	38.94 2.45 0.00	37.87 2.20 0.00	39.49 2.01 0.00	37.45 1.83 0.00	37.31 1.76 0.00	40.13 1.89 0.00	50.31 2.08 0.00	49.31 1.90 0.00	36.61 1.62 0.00	37.21 2.07 0.00	45.68 2.88 -4.33	42.05 2.91 -2.62	38.67 3.07 -1.30	40.53 3.14 -2.74	43.55 3.49 -2.03	48.70 4.18 -0.13	59.06 4.15 -12.45	62.19 4.25 -15.62	50.19 4.06 0.00	53.52 3.39 0.00	179.05 8.20 0.00	46.69 1.92 0.00	43.73 2.03 0.00	47.55 2.52 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	38.57 2.08 0.00	37.54 1.87 0.00	39.20 1.72 0.00	37.20 1.57 0.00	37.08 1.53 0.00	39.87 1.63 0.00	50.06 1.82 0.00	49.13 1.72 0.00	36.40 1.41 0.00	36.86 1.72 0.00	39.34 2.36 1.50	38.92 2.41 0.00	36.86 2.56 0.00	37.28 2.63 0.00	40.98 2.95 0.00	48.00 3.61 0.00	55.45 3.69 -9.30	58.09 3.79 -11.98	49.86 3.74 0.00	53.33 3.20 0.00	178.82 7.97 0.00	46.59 1.83 0.00	43.53 1.84 0.00	47.20 2.17 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	39.05 2.55 0.00	37.96 2.29 0.00	39.55 2.07 0.00	37.54 1.91 0.00	37.42 1.87 0.00	40.26 2.02 0.00	50.37 2.14 0.00	49.32 1.91 0.00	36.68 1.70 0.00	37.24 2.10 0.00	45.75 2.94 -4.33	42.11 2.97 -2.62	38.75 3.15 -1.30	40.55 3.16 -2.75	43.62 3.56 -2.03	48.70 4.18 -0.13	59.00 4.08 -12.45	62.24 4.29 -15.63	50.09 3.97 0.00	53.40 3.26 0.00	178.51 7.66 0.00	46.71 1.95 0.00	43.77 2.07 0.00	47.54 2.51 0.00

E179THST_13_KV_LOAD 356214	39.26 2.76 0.00	38.16 2.48 0.00	39.76 2.27 0.00	37.72 2.09 0.00	37.60 2.05 0.00	40.46 2.22 0.00	50.64 2.40 0.00	49.61 2.20 0.00	36.90 1.91 0.00	37.45 2.31 0.00	45.99 3.18 -4.33	42.36 3.22 -2.62	38.99 3.39 -1.30	40.79 3.39 -2.75	43.88 3.82 -2.03	49.01 4.49 -0.13	59.30 4.38 -12.45	62.54 4.59 -15.63	50.42 4.30 0.00	53.74 3.61 0.00	179.70 8.85 0.00	47.01 2.25 0.00	44.05 2.35 0.00	47.83 2.79 0.00
EAST HAMPTON___GT 23717	39.25 2.76 0.00	38.35 2.68 0.00	39.57 2.09 0.00	37.48 1.85 0.00	37.40 1.85 0.00	40.17 1.93 0.00	50.33 2.10 0.00	49.45 2.04 0.00	36.32 1.33 0.00	37.48 2.34 0.00	46.53 3.75 -4.30	42.71 3.61 -2.59	55.62 4.24 -17.08	55.33 3.88 -16.81	53.47 4.10 -11.34	51.51 5.15 -1.97	67.18 4.51 -20.20	80.83 4.65 -33.86	49.94 3.81 0.00	54.59 2.88 -1.58	177.03 6.18 0.00	46.20 1.44 0.00	43.69 1.99 0.00	48.89 3.86 0.00
EAST RIVER___6 23660	39.24 2.75 0.00	38.13 2.46 0.00	39.72 2.24 0.00	37.67 2.04 0.00	37.54 2.00 0.00	40.37 2.13 0.00	50.58 2.35 0.00	49.56 2.15 0.00	36.89 1.90 0.00	37.59 2.45 0.00	46.13 3.32 -4.33	42.48 3.35 -2.62	39.05 3.46 -1.31	40.94 3.54 -2.75	43.98 3.92 -2.03	49.20 4.68 -0.13	59.54 4.62 -12.46	62.68 4.72 -15.64	50.65 4.52 0.00	53.95 3.82 0.00	180.15 9.30 0.00	47.01 2.24 0.00	44.07 2.37 0.00	47.95 2.91 0.00
EAST RIVER___7 23524	39.24 2.75 0.00	38.13 2.46 0.00	39.72 2.24 0.00	37.67 2.04 0.00	37.54 2.00 0.00	40.37 2.13 0.00	50.58 2.35 0.00	49.56 2.15 0.00	36.89 1.90 0.00	37.59 2.45 0.00	46.13 3.32 -4.33	42.48 3.35 -2.62	39.05 3.46 -1.31	40.94 3.54 -2.75	43.98 3.92 -2.03	49.20 4.68 -0.13	59.54 4.62 -12.46	62.68 4.72 -15.64	50.65 4.52 0.00	53.95 3.82 0.00	180.15 9.30 0.00	47.01 2.24 0.00	44.07 2.37 0.00	47.95 2.91 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	38.84 2.35 0.00	37.78 2.11 0.00	39.41 1.93 0.00	37.38 1.75 0.00	37.25 1.70 0.00	40.05 1.81 0.00	50.22 1.99 0.00	49.24 1.83 0.00	36.54 1.55 0.00	37.12 1.98 0.00	45.91 2.76 -4.67	42.45 2.80 -3.14	38.81 2.95 -1.56	40.97 3.03 -3.29	43.84 3.37 -2.44	48.59 4.05 -0.16	59.68 4.02 -13.19	62.96 4.14 -16.50	50.08 3.96 0.00	53.42 3.29 0.00	178.82 7.97 0.00	46.61 1.84 0.00	43.62 1.92 0.00	47.42 2.39 0.00
EAST_HAMPTON___DIESEL 23722	39.19 2.70 0.00	38.29 2.61 0.00	39.51 2.03 0.00	37.42 1.79 0.00	37.34 1.80 0.00	40.10 1.87 0.00	50.25 2.01 0.00	49.38 1.97 0.00	36.26 1.27 0.00	37.42 2.28 0.00	46.46 3.68 -4.30	42.65 3.54 -2.59	55.57 4.20 -17.08	55.27 3.82 -16.81	53.41 4.04 -11.34	51.44 5.08 -1.97	67.11 4.45 -20.20	80.76 4.58 -33.86	49.86 3.73 0.00	54.51 2.80 -1.58	176.72 5.87 0.00	46.12 1.36 0.00	43.62 1.92 0.00	48.86 3.83 0.00
EAST_POINT___SOLAR 323840	37.92 1.42 0.00	36.95 1.27 0.00	38.87 1.38 0.00	36.94 1.31 0.00	36.94 1.39 0.00	39.87 1.64 0.00	50.60 2.37 0.00	49.18 1.77 0.00	35.10 0.11 0.00	35.16 0.02 0.00	38.35 -0.13 0.00	36.25 -0.25 0.00	33.74 -0.55 0.00	34.06 -0.59 0.00	37.59 -0.44 0.00	43.77 -0.62 0.00	41.49 -0.97 0.00	42.13 -0.19 0.00	47.76 1.64 0.00	53.13 3.00 0.00	181.08 10.23 0.00	47.36 2.60 0.00	43.94 2.24 0.00	47.18 2.14 0.00
EAST_PULASKI___ESR 323781	35.66 -0.83 0.00	34.87 -0.80 0.00	36.69 -0.79 0.00	34.87 -0.76 0.00	34.76 -0.79 0.00	37.46 -0.78 0.00	47.54 -0.69 0.00	46.83 -0.58 0.00	34.31 -0.68 0.00	34.23 -0.91 0.00	37.39 -1.08 0.00	35.38 -1.14 0.00	33.18 -1.11 0.00	33.54 -1.11 0.00	36.86 -1.17 0.00	42.91 -1.48 0.00	41.17 -1.30 0.00	41.32 -1.00 0.00	45.63 -0.49 0.00	49.72 -0.44 -0.04	169.54 -1.31 0.00	44.41 -0.35 0.00	41.22 -0.48 0.00	44.42 -0.65 -0.03
EAST_RIVER___1 323558	39.20 2.70 0.00	38.09 2.41 0.00	39.68 2.20 0.00	37.63 2.01 0.00	37.50 1.95 0.00	40.34 2.10 0.00	50.53 2.30 0.00	49.48 2.08 0.00	36.81 1.82 0.00	37.50 2.36 0.00	46.03 3.21 -4.33	42.37 3.23 -2.62	38.94 3.34 -1.31	40.83 3.43 -2.75	43.86 3.80 -2.03	49.04 4.52 -0.13	59.40 4.47 -12.46	62.53 4.57 -15.64	50.49 4.37 0.00	53.82 3.69 0.00	179.79 8.94 0.00	46.92 2.15 0.00	43.99 2.29 0.00	47.87 2.83 0.00
EAST_RIVER___2 323559	39.24 2.75 0.00	38.13 2.46 0.00	39.72 2.24 0.00	37.67 2.04 0.00	37.54 2.00 0.00	40.37 2.13 0.00	50.58 2.35 0.00	49.56 2.15 0.00	36.89 1.90 0.00	37.59 2.45 0.00	46.13 3.32 -4.33	42.48 3.35 -2.62	39.05 3.46 -1.31	40.94 3.54 -2.75	43.98 3.92 -2.03	49.20 4.68 -0.13	59.54 4.62 -12.46	62.68 4.72 -15.64	50.65 4.52 0.00	53.95 3.82 0.00	180.15 9.30 0.00	47.01 2.24 0.00	44.07 2.37 0.00	47.95 2.91 0.00
EAST___DELAWARE_HYD 23607	37.94 1.45 0.00	36.92 1.24 0.00	38.52 1.04 0.00	36.57 0.94 0.00	36.47 0.92 0.00	39.21 0.98 0.00	49.32 1.09 0.00	48.44 1.03 0.00	35.85 0.86 0.00	36.23 1.08 0.00	38.91 1.60 1.17	38.15 1.64 0.00	34.84 1.82 1.27	32.27 1.87 4.26	37.17 2.19 3.06	47.14 2.75 0.00	45.45 2.99 0.00	45.41 3.09 0.00	49.21 3.09 0.00	52.66 2.53 0.00	176.75 5.90 0.00	46.02 1.26 0.00	42.92 1.23 0.00	46.46 1.43 0.00
EIGHT_POINT___WT_PWR 323820	33.88 -2.61 0.00	33.56 -2.11 0.00	35.50 -1.98 0.00	33.71 -1.92 0.00	33.81 -1.74 0.00	36.51 -1.73 0.00	46.49 -1.74 0.00	45.77 -1.64 0.00	33.48 -1.51 0.00	33.88 -1.27 0.00	36.74 -1.73 0.00	34.95 -1.57 0.00	53.93 -2.10 -21.74	69.66 -2.43 -37.44	66.37 -2.69 -31.03	84.01 -3.49 -43.10	76.02 -2.89 -36.45	57.17 -2.24 -17.09	45.03 -1.09 0.00	48.92 -1.17 0.04	164.88 -5.96 0.00	43.35 -1.41 0.00	40.75 -0.95 0.00	44.51 -0.49 0.04
ELBRIDGE_115KV_TB2 80188	36.13 -0.37 0.00	35.33 -0.34 0.00	37.13 -0.35 0.00	35.24 -0.38 0.00	35.19 -0.36 0.00	37.94 -0.30 0.00	48.12 -0.12 0.00	47.38 -0.03 0.00	34.89 -0.10 0.00	34.99 -0.15 0.00	38.27 -0.21 0.00	36.54 0.02 0.00	34.62 0.33 0.00	34.49 -0.16 0.00	37.46 -0.57 0.00	43.61 -0.78 0.00	41.90 -0.57 0.00	41.94 -0.38 0.00	45.98 -0.14 0.00	49.74 -0.39 0.00	168.93 -1.91 0.00	44.22 -0.54 0.00	41.18 -0.52 0.00	44.40 -0.64 0.00
ELEC_TRO_TEK 24086	39.19 2.70 0.00	38.12 2.45 0.00	39.66 2.17 0.00	37.61 1.98 0.00	37.49 1.94 0.00	40.24 2.00 0.00	50.34 2.11 0.00	49.39 1.98 0.00	36.55 1.56 0.00	37.22 2.08 0.00	45.88 3.11 -4.30	42.24 3.14 -2.59	54.64 3.27 -17.08	54.79 3.34 -16.81	53.09 3.72 -11.34	50.89 4.53 -1.97	59.14 4.31 -12.37	62.30 4.46 -15.53	50.17 4.04 0.00	53.35 3.22 0.00	178.42 7.57 0.00	46.56 1.80 0.00	43.62 1.92 0.00	47.77 2.74 0.00
ELLENBURG_WT_PWR 323604	35.79 -0.70 0.00	35.03 -0.64 0.00	36.90 -0.59 0.00	35.20 -0.43 0.00	35.05 -0.50 0.00	37.60 -0.64 0.00	47.57 -0.66 0.00	46.71 -0.70 0.00	34.52 -0.46 0.00	34.60 -0.55 0.00	37.78 -0.70 0.00	35.76 -0.75 0.00	33.46 -0.83 0.00	33.84 -0.81 0.00	37.14 -0.89 0.00	43.47 -0.92 0.00	41.68 -0.79 0.00	41.64 -0.68 0.00	45.59 -0.54 0.00	50.01 -0.12 0.00	171.69 0.85 0.00	45.10 0.34 0.00	41.81 0.12 0.00	45.12 0.08 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	33.84 -2.65 0.00	33.37 -2.30 0.00	35.21 -2.28 0.00	33.29 -2.34 0.00	33.35 -2.20 0.00	36.11 -2.13 0.00	46.28 -1.95 0.00	45.44 -1.97 0.00	33.59 -1.39 0.00	33.96 -1.18 0.00	36.90 -1.58 0.00	35.11 -1.40 0.00	25.47 -1.57 7.26	20.36 -1.73 12.56	25.78 -1.80 10.44	27.32 -2.55 14.52	28.50 -1.68 12.28	34.72 -1.86 5.75	44.20 -1.92 0.00	47.87 -2.20 0.06	164.08 -6.77 0.00	43.05 -1.72 0.00	40.22 -1.48 0.00	43.27 -1.71 0.05
EMPIRE_CC_1 323656	37.44 0.95 0.00	36.60 0.93 0.00	38.51 1.02 0.00	36.63 1.01 0.00	36.53 0.98 0.00	39.26 1.02 0.00	49.33 1.10 0.00	48.47 1.06 0.00	35.74 0.76 0.00	35.77 0.63 0.00	39.76 0.50 -0.79	37.02 0.51 0.00	34.84 0.55 0.00	35.21 0.56 0.00	38.51 0.48 0.00	44.99 0.60 0.00	46.05 0.30 -3.28	47.03 0.48 -4.22	46.47 0.35 0.00	50.22 0.08 0.00	171.16 0.31 0.00	44.94 0.18 0.00	42.09 0.39 0.00	45.50 0.46 0.00
EMPIRE_CC_2 323658	37.44 0.95 0.00	36.60 0.93 0.00	38.51 1.02 0.00	36.63 1.01 0.00	36.53 0.98 0.00	39.26 1.02 0.00	49.33 1.10 0.00	48.47 1.06 0.00	35.74 0.76 0.00	35.77 0.63 0.00	39.76 0.50 -0.79	37.02 0.51 0.00	34.84 0.55 0.00	35.21 0.56 0.00	38.51 0.48 0.00	44.99 0.60 0.00	46.05 0.30 -3.28	47.03 0.48 -4.22	46.47 0.35 0.00	50.22 0.08 0.00	171.16 0.31 0.00	44.94 0.18 0.00	42.09 0.39 0.00	45.50 0.46 0.00
ENORWICH_115KV_TB1 80156	37.05 0.55 0.00	36.13 0.46 0.00	38.06 0.58 0.00	36.25 0.62 0.00	36.39 0.84 0.00	39.51 1.27 0.00	50.28 2.05 0.00	49.87 2.46 0.00	36.41 1.42 0.00	35.88 0.74 0.00	39.07 0.59 0.00	36.65 0.14 0.00	35.51 -0.08 -1.29	36.40 -0.43 -2.17	39.66 -0.14 -1.77	46.91 0.06 -2.46	44.89 0.34 -2.08	44.34 1.04 -0.98	48.47 2.34 0.00	52.98 2.87 0.01	181.63 10.78 0.00	47.42 2.65 0.00	44.01 2.31 0.00	47.00 1.98 0.01
ERIE_ST__34_KV_TB1-2 80199	34.24 -2.25 0.00	33.70 -1.98 0.00	35.53 -1.96 0.00	33.57 -2.06 0.00	33.64 -1.91 0.00	36.43 -1.81 0.00	46.74 -1.49 0.00	45.88 -1.53 0.00	33.95 -1.04 0.00	34.33 -0.81 0.00	37.29 -1.18 0.00	35.51 -0.99 0.00	26.41 -1.04 6.84	21.67 -1.14 11.84	27.10 -1.09 9.84	29.06 -1.71 13.61	30.12 -0.83 11.51	35.87 -1.07 5.38	44.94 -1.18 0.00	48.68 -1.39 0.06	166.84 -4.00 0.00	43.76 -1.01 0.00	40.82 -0.88 0.00	43.79 -1.19 0.05
ERIE_WT_PWR 323693	33.96 -2.53 0.00	33.50 -2.17 0.00	35.33 -2.15 0.00	33.39 -2.24 0.00	33.47 -2.08 0.00	36.24 -2.00 0.00	46.48 -1.75 0.00	45.67 -1.74 0.00	33.75 -1.24 0.00	34.14 -1.00 0.00	37.08 -1.39 0.00	35.29 -1.22 0.00	25.81 -1.37 7.12	20.84 -1.49 12.32	26.23 -1.55 10.25	27.88 -2.25 14.26	29.02 -1.39 12.06	35.12 -1.57 5.64	44.53 -1.60 0.00	48.24 -1.83 0.06	165.19 -5.66 0.00	43.33 -1.41 0.03	39.82 -1.22 0.66	43.22 -1.45 0.37
ESPRGFLD_115KV_TB1 80157	37.73 1.24 0.00	36.80 1.13 0.00	38.71 1.23 0.00	36.75 1.12 0.00	36.73 1.18 0.00	39.59 1.35 0.00	49.93 1.70 0.00	49.13 1.72 0.00	36.22 1.23 0.00	36.39 1.25 0.00	39.93 1.46 0.00	37.89 1.38 0.00	35.67 1.38 0.00	36.01 1.36 0.00	39.62 1.59 0.00	46.26 1.87 0.00	44.39 1.92 0.00	44.54 2.22 0.00	48.58 2.45 0.00	52.36 2.23 0.00	177.44 6.60 0.00	46.38 1.62 0.00	43.19 1.49 0.00	46.57 1.54 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	36.64 0.15 0.00	35.83 0.16 0.00	37.64 0.15 0.00	35.73 0.10 0.00	35.70 0.15 0.00	38.52 0.28 0.00	48.87 0.64 0.00	48.20 0.78 0.00	35.38 0.39 0.00	35.39 0.25 0.00	38.64 0.17 0.00	36.62 0.11 0.00	36.40 0.05 -2.06	38.01 -0.12 -3.48	40.66 -0.20 -2.84	48.03 -0.30 -3.94	45.75 -0.04 -3.33	44.22 0.34 -1.56	47.08 0.96 0.00	51.02 0.91 0.01	173.03 2.18 0.00	45.20 0.44 0.00	42.07 0.37 0.00	45.32 0.30 0.01
ETNA____115KV_TB2 80207	36.64 0.15 0.00	35.83 0.16 0.00	37.64 0.15 0.00	35.73 0.10 0.00	35.70 0.15 0.00	38.52 0.28 0.00	48.87 0.64 0.00	48.20 0.78 0.00	35.38 0.39 0.00	35.39 0.25 0.00	38.64 0.17 0.00	36.62 0.11 0.00	36.40 0.05 -2.06	38.01 -0.12 -3.48	40.66 -0.20 -2.84	48.03 -0.30 -3.94	45.75 -0.04 -3.33	44.22 0.34 -1.56	47.08 0.96 0.00	51.02 0.91 0.01	173.03 2.18 0.00	45.20 0.44 0.00	42.07 0.37 0.00	45.32 0.30 0.01
EUCLID__115KV_TB2 356179	35.98 -0.51 0.00	35.17 -0.50 0.00	36.96 -0.53 0.00	35.08 -0.55 0.00	35.03 -0.51 0.00	37.77 -0.47 0.00	47.83 -0.41 0.00	47.08 -0.33 0.00	34.69 -0.30 0.00	34.84 -0.30 0.00	38.11 -0.36 0.00	36.19 -0.32 0.00	34.02 -0.28 0.00	34.25 -0.40 0.00	37.56 -0.47 0.00	43.77 -0.62 0.00	42.05 -0.41 0.00	42.09 -0.23 0.00	46.06 -0.06 0.00	49.84 -0.27 0.02	169.39 -1.46 0.00	44.30 -0.47 0.00	41.24 -0.46 0.00	44.42 -0.59 0.02
EXCELSIOR__SOLAR 323857	34.32 -2.17 0.00	33.72 -1.95 0.00	35.52 -1.96 0.00	33.63 -1.99 0.00	33.65 -1.89 0.00	36.40 -1.84 0.00	46.43 -1.80 0.00	45.54 -1.87 0.00	33.62 -1.37 0.00	33.88 -1.26 0.00	36.90 -1.58 0.00	35.06 -1.45 0.00	30.37 -1.53 2.40	28.82 -1.65 4.17	32.75 -1.80 3.48	37.14 -2.42 4.84	36.63 -1.74 4.09	38.64 -1.76 1.92	44.34 -1.78 0.00	48.05 -2.01 0.07	164.62 -6.23 0.00	43.16 -1.59 0.02	39.83 -1.45 0.42	43.08 -1.69 0.27
E_CANADA_CAP_HY 24051	37.27 0.78 0.00	36.29 0.62 0.00	38.25 0.76 0.00	36.35 0.72 0.00	36.34 0.79 0.00	39.22 0.99 0.00	49.71 1.48 0.00	48.73 1.32 0.00	35.52 0.53 0.00	35.52 0.38 0.00	38.98 0.51 0.00	36.60 0.09 0.00	34.23 -0.06 0.00	34.61 -0.04 0.00	38.04 0.01 0.00	44.26 -0.13 0.00	42.36 -0.11 0.00	42.55 0.23 0.00	47.26 1.13 0.00	52.30 2.16 0.00	178.64 7.80 0.00	46.84 2.08 0.00	43.48 1.78 0.00	46.67 1.64 0.00
E_CANADA_MHWK_HY 24050	37.66 1.17 0.00	36.64 0.97 0.00	38.38 0.89 0.00	36.51 0.89 0.00	36.51 0.96 0.00	39.28 1.05 0.00	49.54 1.31 0.00	48.50 1.09 0.00	35.31 0.33 0.00	35.27 0.13 0.00	38.13 -0.34 0.00	36.08 -0.43 0.00	33.75 -0.54 0.00	33.92 -0.73 0.00	37.23 -0.81 0.00	43.60 -0.79 0.00	41.57 -0.90 0.00	42.15 -0.17 0.00	46.72 0.60 0.00	50.73 0.59 0.00	172.66 1.81 0.00	45.21 0.44 0.00	42.39 0.69 0.00	45.86 0.82 0.00
E_FISHKILL__LBMP 23776	38.50 2.00 0.00	37.47 1.80 0.00	39.12 1.63 0.00	37.14 1.51 0.00	37.01 1.47 0.00	39.78 1.55 0.00	49.88 1.65 0.00	48.90 1.49 0.00	36.27 1.28 0.00	36.75 1.62 0.00	42.11 2.26 -1.37	39.22 2.31 -0.40	36.95 2.46 -0.20	37.60 2.53 -0.42	41.15 2.81 -0.31	47.79 3.38 -0.02	51.42 3.34 -5.61	52.93 3.45 -7.16	49.40 3.28 0.00	52.80 2.66 0.00	177.07 6.22 0.00	46.21 1.45 0.00	43.25 1.55 0.00	46.98 1.95 0.00
FALCON__SEABRD_CC1 323796	36.11 -0.39 0.00	35.30 -0.37 0.00	37.23 -0.25 0.00	35.52 -0.10 0.00	35.38 -0.16 0.00	37.97 -0.26 0.00	48.12 -0.11 0.00	47.26 -0.15 0.00	34.86 -0.13 0.00	34.90 -0.24 0.00	38.07 -0.41 0.00	36.04 -0.47 0.00	33.75 -0.54 0.00	34.14 -0.51 0.00	37.44 -0.59 0.00	43.84 -0.56 0.00	42.11 -0.36 0.00	42.11 -0.21 0.00	46.11 -0.02 0.00	50.50 0.37 0.00	173.33 2.49 0.00	45.59 0.83 0.00	42.28 0.58 0.00	45.59 0.55 0.00

FALCON___SEABRD_CC2 323797	36.11 -0.39 0.00	35.30 -0.37 0.00	37.23 -0.25 0.00	35.52 -0.10 0.00	35.38 -0.16 0.00	37.97 -0.26 0.00	48.12 -0.11 0.00	47.26 -0.15 0.00	34.86 -0.13 0.00	34.90 -0.24 0.00	38.07 -0.41 0.00	36.04 -0.47 0.00	33.75 -0.54 0.00	34.14 -0.51 0.00	37.44 -0.59 0.00	43.84 -0.56 0.00	42.11 -0.36 0.00	42.11 -0.21 0.00	46.11 -0.02 0.00	50.50 0.37 0.00	173.33 2.49 0.00	45.59 0.83 0.00	42.28 0.58 0.00	45.59 0.55 0.00
FAR ROCKAWAY___4 23548	39.80 3.31 0.00	38.68 3.01 0.00	40.25 2.76 0.00	38.15 2.52 0.00	38.02 2.47 0.00	40.83 2.59 0.00	51.08 2.85 0.00	50.11 2.70 0.00	37.10 2.11 0.00	37.77 2.63 0.00	46.57 3.80 -4.30	42.96 3.85 -2.59	55.36 3.98 -17.08	55.46 4.00 -16.81	53.67 4.30 -11.34	51.68 5.32 -1.97	59.91 5.08 -12.37	63.04 5.20 -15.53	50.97 4.85 0.00	54.20 4.07 0.00	181.12 10.27 0.00	47.21 2.45 0.00	44.22 2.52 0.00	48.52 3.49 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	39.19 2.70 0.00	38.08 2.40 0.00	39.68 2.19 0.00	37.62 2.00 0.00	37.48 1.94 0.00	40.33 2.09 0.00	50.51 2.27 0.00	49.45 2.04 0.00	36.78 1.79 0.00	37.46 2.32 0.00	45.99 3.18 -4.33	42.32 3.19 -2.62	38.90 3.30 -1.31	40.79 3.39 -2.75	43.82 3.76 -2.03	48.99 4.47 -0.13	59.34 4.42 -12.46	62.48 4.52 -15.64	50.45 4.32 0.00	53.77 3.64 0.00	179.64 8.79 0.00	46.88 2.12 0.00	43.98 2.28 0.00	47.84 2.81 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	39.20 2.71 0.00	38.09 2.42 0.00	39.69 2.21 0.00	37.64 2.01 0.00	37.50 1.96 0.00	40.34 2.10 0.00	50.51 2.28 0.00	49.46 2.06 0.00	36.77 1.79 0.00	37.46 2.32 0.00	45.99 3.18 -4.33	42.32 3.19 -2.62	38.89 3.29 -1.31	40.79 3.39 -2.75	43.82 3.76 -2.03	48.99 4.47 -0.13	59.34 4.42 -12.46	62.48 4.52 -15.64	50.45 4.33 0.00	53.78 3.65 0.00	179.64 8.80 0.00	46.91 2.15 0.00	43.99 2.29 0.00	47.87 2.83 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	39.16 2.67 0.00	38.06 2.39 0.00	39.65 2.17 0.00	37.60 1.98 0.00	37.47 1.92 0.00	40.32 2.08 0.00	50.48 2.25 0.00	49.43 2.02 0.00	36.77 1.78 0.00	37.44 2.29 0.00	45.97 3.16 -4.33	42.30 3.17 -2.62	38.89 3.29 -1.31	40.77 3.37 -2.75	43.79 3.73 -2.03	48.96 4.44 -0.13	59.31 4.39 -12.46	62.44 4.48 -15.64	50.42 4.29 0.00	53.73 3.60 0.00	179.47 8.62 0.00	46.85 2.09 0.00	43.95 2.25 0.00	47.82 2.78 0.00
FARRAGUT___LBMP 323566	39.12 2.63 0.00	38.02 2.35 0.00	39.63 2.14 0.00	37.58 1.95 0.00	37.44 1.89 0.00	40.29 2.05 0.00	50.44 2.21 0.00	49.37 1.97 0.00	36.72 1.74 0.00	37.40 2.25 0.00	45.92 3.11 -4.33	42.25 3.12 -2.62	38.82 3.23 -1.31	40.72 3.32 -2.75	43.74 3.68 -2.03	48.90 4.38 -0.13	59.25 4.33 -12.46	62.38 4.43 -15.64	50.35 4.23 0.00	53.67 3.54 0.00	179.30 8.45 0.00	46.81 2.04 0.00	43.91 2.21 0.00	47.77 2.73 0.00
FARRCKWY_69_KV_BK2 55825	39.80 3.31 0.00	38.68 3.01 0.00	40.25 2.76 0.00	38.15 2.52 0.00	38.02 2.47 0.00	40.83 2.59 0.00	51.08 2.85 0.00	50.11 2.70 0.00	37.10 2.11 0.00	37.77 2.63 0.00	46.57 3.80 -4.30	42.96 3.85 -2.59	55.36 3.98 -17.08	55.46 4.00 -16.81	53.67 4.30 -11.34	51.68 5.32 -1.97	59.91 5.08 -12.37	63.04 5.20 -15.53	50.97 4.85 0.00	54.20 4.07 0.00	181.12 10.27 0.00	47.21 2.45 0.00	44.22 2.52 0.00	48.52 3.49 0.00
FENNER___WINDPWR 24204	36.81 0.31 0.00	35.97 0.30 0.00	37.78 0.29 0.00	35.93 0.30 0.00	35.88 0.33 0.00	38.66 0.42 0.00	48.98 0.75 0.00	48.22 0.81 0.00	35.43 0.44 0.00	35.45 0.31 0.00	38.70 0.23 0.00	36.64 0.13 0.00	34.35 0.06 0.00	34.63 -0.02 0.00	38.04 0.01 0.00	44.37 -0.02 0.00	42.56 0.10 0.00	42.73 0.41 0.00	47.11 0.98 0.00	51.17 1.05 0.01	174.14 3.30 0.00	45.46 0.70 0.00	42.30 0.60 0.00	45.57 0.55 0.01
FIBERTEK___ENERGY 23856	36.30 -0.19 0.00	35.49 -0.18 0.00	37.29 -0.19 0.00	35.40 -0.23 0.00	35.35 -0.20 0.00	38.12 -0.12 0.00	48.30 0.07 0.00	47.56 0.15 0.00	35.01 0.02 0.00	35.13 0.00 0.00	38.42 -0.05 0.00	36.59 0.08 0.00	34.59 0.29 0.00	34.60 -0.05 0.00	37.72 -0.31 0.00	43.97 -0.42 0.00	42.24 -0.22 0.00	42.31 -0.01 0.00	46.34 0.22 0.00	50.18 0.04 -0.01	170.35 -0.50 0.00	44.56 -0.20 0.00	41.48 -0.22 0.00	44.71 -0.33 -0.01
FITZPATRICK____ 23598	35.10 -1.39 0.00	34.33 -1.34 0.00	36.07 -1.42 0.00	34.27 -1.36 0.00	34.21 -1.34 0.00	36.83 -1.41 0.00	46.55 -1.68 0.00	45.78 -1.63 0.00	33.75 -1.23 0.00	33.89 -1.25 0.00	37.08 -1.40 0.00	35.18 -1.33 0.00	33.03 -1.26 0.00	33.39 -1.27 0.00	36.67 -1.36 0.00	42.77 -1.63 0.00	41.02 -1.45 0.00	41.00 -1.32 0.00	44.77 -1.35 0.00	48.54 -1.60 0.00	165.17 -5.67 0.00	43.27 -1.50 0.00	40.30 -1.40 0.00	43.46 -1.58 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	38.96 2.47 0.00	37.92 2.25 0.00	39.58 2.09 0.00	37.56 1.93 0.00	37.44 1.89 0.00	40.26 2.02 0.00	50.57 2.34 0.00	49.63 2.22 0.00	36.78 1.79 0.00	37.25 2.11 0.00	41.29 2.80 -0.02	39.48 2.85 -0.13	37.33 2.98 -0.06	37.85 3.07 -0.13	41.56 3.44 -0.10	48.60 4.20 0.00	53.92 4.23 -7.22	55.91 4.31 -9.28	50.39 4.27 0.00	53.86 3.73 0.00	180.53 9.68 0.00	47.05 2.29 0.00	43.96 2.26 0.00	47.64 2.61 0.00
FORT ORANGE____ 23900	37.52 1.02 0.00	36.72 1.05 0.00	38.56 1.08 0.00	36.68 1.05 0.00	36.61 1.06 0.00	39.38 1.14 0.00	49.49 1.26 0.00	48.64 1.23 0.00	35.87 0.88 0.00	35.87 0.73 0.00	39.11 0.63 0.00	37.16 0.65 0.00	32.29 0.62 2.63	26.43 0.60 8.82	32.43 0.55 6.15	45.07 0.68 0.00	43.02 0.56 0.00	43.12 0.80 0.00	46.96 0.84 0.00	50.75 0.62 0.00	172.23 1.39 0.00	45.13 0.37 0.00	42.19 0.49 0.00	45.62 0.58 0.00
FORT_DRUM_COGEN 23780	36.48 -0.01 0.00	35.64 -0.03 0.00	37.67 0.19 0.00	35.92 0.29 0.00	35.65 0.11 0.00	38.50 0.26 0.00	49.36 1.13 0.00	48.68 1.27 0.00	35.12 0.13 0.00	34.57 -0.57 0.00	37.67 -0.81 0.00	35.33 -1.18 0.00	33.03 -1.27 0.00	33.40 -1.25 0.00	36.65 -1.38 0.00	42.44 -1.95 0.00	40.90 -1.57 0.00	41.42 -0.90 0.00	46.80 0.67 0.00	51.55 1.41 0.00	177.52 6.68 0.00	46.31 1.55 0.00	42.75 1.05 0.00	45.92 0.89 0.00
FOX_HILLS___ESR 323835	39.06 2.57 0.00	37.99 2.31 0.00	39.59 2.11 0.00	37.55 1.92 0.00	37.41 1.87 0.00	40.27 2.03 0.00	50.33 2.10 0.00	49.24 1.83 0.00	36.70 1.72 0.00	37.27 2.13 0.00	45.78 2.97 -4.33	42.09 2.95 -2.62	38.69 3.09 -1.30	40.60 3.20 -2.75	43.59 3.53 -2.03	48.71 4.19 -0.13	59.09 4.17 -12.45	62.32 4.36 -15.63	50.12 4.00 0.00	53.45 3.31 0.00	178.21 7.36 0.00	46.80 2.04 0.00	43.85 2.15 0.00	47.64 2.60 0.00
FPL FAR_ROCK_GT1 24212	39.80 3.31 0.00	38.68 3.01 0.00	40.25 2.76 0.00	38.15 2.52 0.00	38.02 2.47 0.00	40.83 2.59 0.00	51.08 2.85 0.00	50.11 2.70 0.00	37.11 2.12 0.00	37.77 2.63 0.00	46.56 3.79 -4.30	42.96 3.86 -2.59	55.36 3.98 -17.08	55.45 3.99 -16.81	53.66 4.30 -11.34	51.65 5.29 -1.97	59.90 5.07 -12.37	63.04 5.19 -15.53	50.97 4.85 0.00	54.20 4.07 0.00	181.12 10.27 0.00	47.21 2.45 0.00	44.22 2.52 0.00	48.52 3.49 0.00

FPL FAR_ROCK_GT2 23815	39.80 3.31 0.00	38.68 3.01 0.00	40.25 2.76 0.00	38.15 2.52 0.00	38.02 2.47 0.00	40.83 2.59 0.00	51.08 2.85 0.00	50.11 2.70 0.00	37.11 2.12 0.00	37.77 2.63 0.00	46.56 3.79 -4.30	42.96 3.86 -2.59	55.36 3.98 -17.08	55.45 3.99 -16.81	53.66 4.30 -11.34	51.65 5.29 -1.97	59.90 5.07 -12.37	63.04 5.19 -15.53	50.97 4.85 0.00	54.20 4.07 0.00	181.12 10.27 0.00	47.21 2.45 0.00	44.22 2.52 0.00	48.52 3.49 0.00
FRANKLIN_FALL_HYD 24054	36.13 -0.36 0.00	35.38 -0.29 0.00	37.29 -0.20 0.00	35.55 -0.08 0.00	35.38 -0.17 0.00	38.00 -0.24 0.00	48.08 -0.15 0.00	47.26 -0.15 0.00	34.95 -0.04 0.00	35.01 -0.13 0.00	38.09 -0.39 0.00	36.03 -0.48 0.00	33.72 -0.57 0.00	34.19 -0.46 0.00	37.44 -0.58 0.00	43.76 -0.63 0.00	41.93 -0.53 0.00	42.01 -0.30 0.00	46.11 -0.02 0.00	50.61 0.48 0.00	173.83 2.99 0.00	45.60 0.84 0.00	42.18 0.48 0.00	45.42 0.39 0.00
FREEPORT_EQUS_GT1 23764	39.49 3.00 0.00	38.40 2.73 0.00	39.91 2.43 0.00	37.82 2.20 0.00	37.71 2.16 0.00	40.48 2.24 0.00	50.63 2.40 0.00	49.71 2.30 0.00	36.74 1.75 0.00	37.42 2.28 0.00	46.11 3.33 -4.30	42.48 3.38 -2.59	54.91 3.54 -17.08	54.98 3.52 -16.81	53.43 4.06 -11.34	51.37 5.01 -1.97	59.61 4.78 -12.37	62.81 4.96 -15.53	50.66 4.54 0.00	53.68 3.55 0.00	180.07 9.23 0.00	46.93 2.17 0.00	43.96 2.26 0.00	48.19 3.16 0.00
FREEPORT___CT2 23818	39.49 3.00 0.00	38.40 2.73 0.00	39.91 2.43 0.00	37.82 2.20 0.00	37.71 2.16 0.00	40.48 2.24 0.00	50.63 2.40 0.00	49.71 2.30 0.00	36.74 1.75 0.00	37.42 2.28 0.00	46.11 3.33 -4.30	42.48 3.38 -2.59	54.91 3.54 -17.08	54.98 3.52 -16.81	53.43 4.06 -11.34	51.37 5.01 -1.97	59.61 4.78 -12.37	62.81 4.96 -15.53	50.66 4.54 0.00	53.68 3.55 0.00	180.07 9.23 0.00	46.93 2.17 0.00	43.96 2.26 0.00	48.19 3.16 0.00
FRESHKLS_33_KV_LOAD 356253	39.18 2.68 0.00	38.10 2.43 0.00	39.72 2.23 0.00	37.67 2.04 0.00	37.53 1.98 0.00	40.39 2.16 0.00	50.43 2.20 0.00	49.32 1.91 0.00	36.78 1.79 0.00	37.32 2.18 0.00	45.80 2.99 -4.33	42.07 2.93 -2.62	38.68 3.08 -1.30	40.63 3.23 -2.75	43.59 3.53 -2.03	48.73 4.20 -0.13	59.13 4.21 -12.45	62.36 4.41 -15.63	50.15 4.03 0.00	53.46 3.33 0.00	178.20 7.35 0.00	46.89 2.13 0.00	43.93 2.23 0.00	47.69 2.66 0.00
FULTON COGEN____ 23766	35.41 -1.08 0.00	34.63 -1.04 0.00	36.38 -1.10 0.00	34.55 -1.08 0.00	34.50 -1.05 0.00	37.17 -1.06 0.00	47.00 -1.24 0.00	46.27 -1.14 0.00	34.07 -0.92 0.00	34.17 -0.97 0.00	37.33 -1.15 0.00	35.42 -1.09 0.00	33.26 -1.03 0.00	33.61 -1.04 0.00	36.93 -1.09 0.00	43.07 -1.33 0.00	41.35 -1.12 0.00	41.37 -0.95 0.00	45.32 -0.80 0.00	49.21 -0.97 -0.05	167.20 -3.65 0.00	43.75 -1.02 0.00	40.72 -0.98 0.00	43.93 -1.15 -0.04
FULTON___LFGE 323630	37.80 1.31 0.00	36.85 1.17 0.00	38.75 1.27 0.00	36.84 1.21 0.00	36.81 1.27 0.00	39.71 1.48 0.00	50.31 2.07 0.00	49.24 1.83 0.00	35.65 0.67 0.00	35.62 0.48 0.00	38.85 0.37 0.00	36.43 -0.08 0.00	34.04 -0.25 0.00	34.45 -0.20 0.00	37.82 -0.21 0.00	44.00 -0.39 0.00	42.14 -0.33 0.00	42.69 0.37 0.00	47.73 1.61 0.00	52.69 2.56 0.00	179.46 8.61 0.00	46.97 2.21 0.00	43.65 1.95 0.00	46.92 1.89 0.00
G.F.CEMENT___DRP 24184	38.44 1.95 0.00	37.48 1.81 0.00	39.30 1.82 0.00	37.37 1.75 0.00	37.30 1.75 0.00	40.09 1.85 0.00	50.83 2.60 0.00	49.92 2.51 0.00	36.56 1.57 0.00	36.35 1.21 0.00	39.49 1.02 0.00	37.58 1.07 0.00	35.30 1.00 0.00	35.70 1.05 0.00	39.01 0.98 0.00	45.47 1.08 0.00	43.58 1.12 0.00	44.11 1.79 0.00	48.34 2.22 0.00	52.44 2.30 0.00	178.44 7.60 0.00	46.78 2.01 0.00	43.88 2.18 0.00	47.19 2.16 0.00
GARDENVILLE___LBMP 24039	33.90 -2.59 0.00	33.43 -2.24 0.00	35.27 -2.21 0.00	33.35 -2.28 0.00	33.42 -2.13 0.00	36.17 -2.07 0.00	46.37 -1.86 0.00	45.58 -1.84 0.00	33.68 -1.31 0.00	34.04 -1.09 0.00	37.00 -1.47 0.00	35.21 -1.30 0.00	24.80 -1.47 8.03	19.13 -1.64 13.88	24.80 -1.69 11.54	25.93 -2.42 16.05	27.36 -1.53 13.57	34.29 -1.68 6.35	44.41 -1.71 0.00	48.09 -1.99 0.06	164.60 -6.25 0.00	43.18 -1.59 0.00	40.34 -1.36 0.00	43.40 -1.58 0.05
GARDNVLA_35_KV_LD 355827	34.02 -2.47 0.00	33.54 -2.13 0.00	35.38 -2.10 0.00	33.44 -2.19 0.00	33.51 -2.03 0.00	36.28 -1.95 0.00	46.52 -1.71 0.00	45.72 -1.69 0.00	33.79 -1.19 0.00	34.18 -0.96 0.00	37.13 -1.34 0.00	35.35 -1.16 0.00	26.17 -1.33 6.78	21.43 -1.48 11.74	26.75 -1.51 9.77	28.59 -2.20 13.59	29.64 -1.32 11.50	35.47 -1.47 5.37	44.62 -1.50 0.00	48.34 -1.74 0.06	165.62 -5.22 0.00	43.45 -1.31 0.00	40.56 -1.14 0.00	43.58 -1.40 0.05
GELCKHM___115KV_LOAD 80723	36.43 -0.06 0.00	35.61 -0.07 0.00	37.42 -0.06 0.00	35.51 -0.12 0.00	35.45 -0.10 0.00	38.25 0.02 0.00	48.49 0.26 0.00	47.76 0.35 0.00	35.16 0.18 0.00	35.29 0.15 0.00	38.61 0.13 0.00	36.76 0.25 0.00	34.76 0.46 0.00	34.75 0.10 0.00	37.90 -0.13 0.00	44.19 -0.20 0.00	42.44 -0.03 0.00	42.52 0.20 0.00	46.56 0.43 0.00	50.38 0.24 -0.01	171.00 0.15 0.00	44.72 -0.04 0.00	41.61 -0.09 0.00	44.85 -0.19 -0.01
GENERAL___MILLS 23808	33.96 -2.53 0.00	33.50 -2.17 0.00	35.33 -2.15 0.00	33.40 -2.23 0.00	33.46 -2.08 0.00	36.24 -2.00 0.00	46.45 -1.78 0.00	45.64 -1.77 0.00	33.74 -1.25 0.00	34.11 -1.03 0.00	37.06 -1.41 0.00	35.27 -1.24 0.00	25.77 -1.40 7.12	20.77 -1.55 12.32	26.18 -1.60 10.25	27.82 -2.31 14.26	28.97 -1.43 12.06	35.10 -1.59 5.64	44.51 -1.61 0.00	48.22 -1.86 0.06	165.15 -5.70 0.00	43.33 -1.43 0.00	40.46 -1.24 0.00	43.50 -1.48 0.05
GE_PLASTICS___DRP 24183	37.12 0.63 0.00	36.46 0.78 0.00	38.37 0.89 0.00	36.49 0.86 0.00	36.43 0.88 0.00	39.16 0.93 0.00	49.20 0.96 0.00	48.34 0.93 0.00	35.67 0.69 0.00	35.78 0.64 0.00	39.06 0.58 0.00	36.98 0.46 0.00	-11.62 0.37 46.28	-120.17 -0.33 155.15	-39.81 0.18 78.03	44.62 0.23 0.00	42.60 0.14 0.00	42.73 0.41 0.00	46.46 0.33 0.00	50.14 0.01 0.00	170.20 -0.65 0.00	44.62 -0.14 0.00	41.74 0.04 0.00	45.20 0.16 0.00
GILBOA___1 23756	37.39 0.90 0.00	36.53 0.86 0.00	38.42 0.94 0.00	36.52 0.89 0.00	36.55 1.01 0.00	39.25 1.02 0.00	49.13 0.89 0.00	48.26 0.85 0.00	35.63 0.65 0.00	35.87 0.73 0.00	39.38 0.90 0.00	37.43 0.92 0.00	35.26 0.97 0.00	35.62 0.97 0.00	39.08 1.06 0.00	45.66 1.27 0.00	43.61 1.15 0.00	43.53 1.21 0.00	47.26 1.13 0.00	50.89 0.76 0.00	172.66 1.82 0.00	45.31 0.55 0.00	42.33 0.63 0.00	45.81 0.78 0.00
GILBOA___2 23757	37.39 0.90 0.00	36.53 0.86 0.00	38.42 0.94 0.00	36.52 0.89 0.00	36.55 1.01 0.00	39.25 1.02 0.00	49.13 0.89 0.00	48.26 0.85 0.00	35.63 0.65 0.00	35.87 0.73 0.00	39.38 0.90 0.00	37.43 0.92 0.00	35.26 0.97 0.00	35.62 0.97 0.00	39.08 1.06 0.00	45.66 1.27 0.00	43.61 1.15 0.00	43.53 1.21 0.00	47.26 1.13 0.00	50.89 0.76 0.00	172.66 1.82 0.00	45.31 0.55 0.00	42.33 0.63 0.00	45.81 0.78 0.00

GILBOA___3 23758	37.39 0.90 0.00	36.53 0.86 0.00	38.42 0.94 0.00	36.52 0.89 0.00	36.55 1.01 0.00	39.25 1.02 0.00	49.13 0.89 0.00	48.26 0.85 0.00	35.63 0.65 0.00	35.87 0.73 0.00	39.38 0.90 0.00	37.43 0.92 0.00	35.26 0.97 0.00	35.62 0.97 0.00	39.08 1.06 0.00	45.66 1.27 0.00	43.61 1.15 0.00	43.53 1.21 0.00	47.26 1.13 0.00	50.89 0.76 0.00	172.66 1.82 0.00	45.31 0.55 0.00	42.33 0.63 0.00	45.81 0.78 0.00
GILBOA___4 23759	37.39 0.90 0.00	36.53 0.86 0.00	38.42 0.94 0.00	36.52 0.89 0.00	36.55 1.01 0.00	39.25 1.02 0.00	49.13 0.89 0.00	48.26 0.85 0.00	35.63 0.65 0.00	35.87 0.73 0.00	39.38 0.90 0.00	37.43 0.92 0.00	35.26 0.97 0.00	35.62 0.97 0.00	39.08 1.06 0.00	45.66 1.27 0.00	43.61 1.15 0.00	43.53 1.21 0.00	47.26 1.13 0.00	50.89 0.76 0.00	172.66 1.82 0.00	45.31 0.55 0.00	42.33 0.63 0.00	45.81 0.78 0.00
GILBOA___ 23599	37.40 0.91 0.00	36.53 0.86 0.00	38.42 0.94 0.00	36.52 0.89 0.00	36.55 1.01 0.00	39.25 1.02 0.00	49.13 0.90 0.00	48.26 0.85 0.00	35.63 0.65 0.00	35.87 0.73 0.00	39.39 0.91 0.00	37.43 0.93 0.00	35.26 0.97 0.00	35.62 0.97 0.00	39.09 1.06 0.00	45.66 1.27 0.00	43.62 1.15 0.00	43.53 1.21 0.00	47.26 1.13 0.00	50.89 0.76 0.00	172.66 1.82 0.00	45.31 0.55 0.00	42.33 0.63 0.00	45.81 0.78 0.00
GINNA___ 23603	33.74 -2.75 0.00	33.05 -2.62 0.00	34.77 -2.72 0.00	32.93 -2.69 0.00	32.93 -2.61 0.00	35.62 -2.62 0.00	45.33 -2.90 0.00	44.51 -2.90 0.00	32.80 -2.19 0.00	33.00 -2.14 0.00	36.01 -2.46 0.00	34.21 -2.30 0.00	32.02 -2.27 0.00	32.29 -2.36 0.00	35.46 -2.57 0.00	41.20 -3.20 0.00	39.89 -2.57 0.00	39.90 -2.42 0.00	43.67 -2.45 0.00	47.29 -2.77 0.07	161.73 -9.12 0.00	42.31 -2.44 0.01	39.12 -2.35 0.24	42.11 -2.75 0.17
GLEN PARK___ 23778	36.60 0.11 0.00	35.75 0.08 0.00	37.77 0.29 0.00	36.00 0.38 0.00	35.76 0.21 0.00	38.62 0.38 0.00	49.53 1.30 0.00	48.83 1.42 0.00	35.20 0.21 0.00	34.61 -0.54 0.00	37.70 -0.78 0.00	35.37 -1.14 0.00	33.08 -1.21 0.00	33.46 -1.19 0.00	36.70 -1.33 0.00	42.49 -1.90 0.00	40.93 -1.53 0.00	41.49 -0.83 0.00	46.97 0.85 0.00	51.73 1.60 0.00	178.06 7.21 0.00	46.47 1.71 0.00	42.88 1.18 0.00	46.03 1.00 0.00
GLENDALE_27_KV_LOAD 356172	39.30 2.81 0.00	38.20 2.53 0.00	39.80 2.31 0.00	37.74 2.12 0.00	37.60 2.06 0.00	40.47 2.23 0.00	50.69 2.46 0.00	49.65 2.24 0.00	36.96 1.98 0.00	37.61 2.47 0.00	46.19 3.38 -4.33	42.52 3.39 -2.62	39.11 3.51 -1.30	40.96 3.56 -2.75	44.01 3.95 -2.03	49.19 4.66 -0.13	59.48 4.56 -12.45	62.65 4.70 -15.63	50.57 4.45 0.00	53.92 3.79 0.00	179.92 9.08 0.00	47.06 2.29 0.00	44.13 2.43 0.00	47.99 2.96 0.00
GLENWOOD_IC_1_G5 23712	39.27 2.78 0.00	38.19 2.52 0.00	39.76 2.28 0.00	37.71 2.08 0.00	37.58 2.03 0.00	40.36 2.12 0.00	50.56 2.32 0.00	49.59 2.18 0.00	36.54 1.55 0.00	37.21 2.07 0.00	46.05 3.27 -4.30	42.20 3.10 -2.59	54.66 3.28 -17.08	54.80 3.34 -16.81	53.13 3.76 -11.34	50.92 4.56 -1.97	59.24 4.41 -12.37	62.37 4.52 -15.53	50.30 4.17 0.00	53.53 3.40 0.00	179.07 8.22 0.00	46.66 1.89 0.00	43.67 1.97 0.00	47.93 2.90 0.00
GLENWOOD_IC_2_G1 23688	39.09 2.59 0.00	38.01 2.34 0.00	39.60 2.12 0.00	37.55 1.93 0.00	37.42 1.87 0.00	40.22 1.98 0.00	50.37 2.14 0.00	49.40 1.99 0.00	36.61 1.62 0.00	37.23 2.10 0.00	45.82 3.04 -4.30	42.16 3.05 -2.59	54.58 3.20 -17.08	54.72 3.27 -16.81	53.01 3.64 -11.34	50.75 4.40 -1.97	59.11 4.28 -12.37	62.26 4.41 -15.53	50.25 4.12 0.00	53.54 3.41 0.00	179.09 8.24 0.00	46.71 1.94 0.00	43.72 2.02 0.00	47.69 2.66 0.00
GLENWOOD_IC_3_G1 23689	39.09 2.59 0.00	38.01 2.34 0.00	39.60 2.12 0.00	37.55 1.93 0.00	37.42 1.87 0.00	40.22 1.98 0.00	50.37 2.14 0.00	49.40 1.99 0.00	36.61 1.62 0.00	37.23 2.10 0.00	45.82 3.04 -4.30	42.16 3.05 -2.59	54.58 3.20 -17.08	54.72 3.27 -16.81	53.01 3.64 -11.34	50.75 4.40 -1.97	59.11 4.28 -12.37	62.26 4.41 -15.53	50.25 4.12 0.00	53.54 3.41 0.00	179.09 8.24 0.00	46.71 1.94 0.00	43.72 2.02 0.00	47.69 2.66 0.00
GLENWOOD___4 23550	39.27 2.78 0.00	38.19 2.52 0.00	39.76 2.28 0.00	37.71 2.08 0.00	37.58 2.03 0.00	40.36 2.12 0.00	50.56 2.32 0.00	49.60 2.19 0.00	36.63 1.64 0.00	37.29 2.15 0.00	46.06 3.28 -4.30	42.28 3.18 -2.59	54.73 3.35 -17.08	54.87 3.42 -16.81	53.20 3.83 -11.34	51.02 4.66 -1.97	59.35 4.52 -12.37	62.46 4.61 -15.53	50.40 4.28 0.00	53.64 3.51 0.00	179.42 8.57 0.00	46.76 2.00 0.00	43.76 2.06 0.00	47.93 2.90 0.00
GLENWOOD___5 23614	39.27 2.78 0.00	38.19 2.52 0.00	39.76 2.28 0.00	37.71 2.08 0.00	37.58 2.03 0.00	40.36 2.12 0.00	50.56 2.32 0.00	49.60 2.19 0.00	36.63 1.64 0.00	37.29 2.15 0.00	46.06 3.28 -4.30	42.28 3.18 -2.59	54.73 3.35 -17.08	54.87 3.42 -16.81	53.20 3.83 -11.34	51.02 4.66 -1.97	59.35 4.52 -12.37	62.46 4.61 -15.53	50.40 4.28 0.00	53.64 3.51 0.00	179.42 8.57 0.00	46.76 2.00 0.00	43.76 2.06 0.00	47.93 2.90 0.00
GLOBAL GREEN_PORT_GT1 23814	39.62 3.12 0.00	38.70 3.03 0.00	39.94 2.45 0.00	37.82 2.19 0.00	37.74 2.19 0.00	40.53 2.29 0.00	50.78 2.55 0.00	49.91 2.49 0.00	36.66 1.67 0.00	37.82 2.67 0.00	46.89 4.11 -4.30	43.04 3.94 -2.59	55.87 4.50 -17.08	55.61 4.15 -16.81	53.79 4.42 -11.34	51.89 5.53 -1.97	67.66 4.99 -20.21	81.38 5.18 -33.88	50.53 4.40 0.00	55.18 3.47 -1.58	178.81 7.96 0.00	46.65 1.89 0.00	44.00 2.30 0.00	49.02 3.98 0.00
GLOBE___DSASP 323697	33.05 -3.45 0.00	32.66 -3.01 0.00	34.46 -3.02 0.00	32.59 -3.04 0.00	32.65 -2.91 0.00	35.35 -2.89 0.00	45.23 -3.00 0.00	44.28 -3.13 0.00	32.78 -2.21 0.00	33.11 -2.03 0.00	35.95 -2.53 0.00	34.18 -2.33 0.00	26.49 -2.48 5.32	22.80 -2.64 9.21	27.56 -2.80 7.67	29.84 -3.90 10.65	30.42 -3.03 9.01	34.47 -3.58 4.27	42.26 -3.86 0.00	45.87 -4.20 0.06	157.79 -13.06 0.00	41.60 -3.16 0.00	39.22 -2.48 0.00	42.26 -2.72 0.06
GOETHSLN___LBMP 323567	39.01 2.52 0.00	37.89 2.22 0.00	39.49 2.01 0.00	37.44 1.81 0.00	37.30 1.75 0.00	40.13 1.90 0.00	50.23 2.00 0.00	49.21 1.80 0.00	36.57 1.59 0.00	37.21 2.07 0.00	45.71 2.90 -4.33	42.08 2.95 -2.62	38.72 3.12 -1.31	40.61 3.21 -2.75	43.63 3.56 -2.03	48.78 4.26 -0.13	59.16 4.24 -12.46	62.29 4.33 -15.64	50.29 4.17 0.00	53.61 3.48 0.00	178.92 8.07 0.00	46.71 1.95 0.00	43.77 2.07 0.00	47.57 2.53 0.00
GOLAH___69_KV_TB 1_2 80279	35.28 -1.22 0.00	34.60 -1.08 0.00	36.41 -1.07 0.00	34.47 -1.16 0.00	34.48 -1.07 0.00	37.31 -0.92 0.00	47.69 -0.54 0.00	46.90 -0.51 0.00	34.51 -0.48 0.00	34.58 -0.56 0.00	37.62 -0.86 0.00	35.72 -0.79 0.00	33.34 -0.95 0.00	32.58 -1.05 1.02	35.66 -1.09 1.28	41.03 -1.58 1.79	40.11 -0.85 1.51	41.12 -0.50 0.71	45.79 -0.34 0.00	49.65 -0.41 0.07	169.95 -0.89 0.00	44.48 -0.28 0.00	41.37 -0.33 0.00	44.38 -0.59 0.06

GOODYEAR_LAKE_HYD 323669	37.60 1.11 0.00	36.68 1.01 0.00	38.59 1.10 0.00	36.64 1.01 0.00	36.60 1.06 0.00	39.43 1.19 0.00	49.69 1.46 0.00	48.86 1.46 0.00	36.04 1.05 0.00	36.24 1.10 0.00	39.79 1.31 0.00	37.76 1.25 0.00	35.58 1.29 0.00	35.91 1.26 0.00	39.49 1.46 0.00	46.12 1.73 0.00	44.25 1.78 0.00	44.36 2.04 0.00	48.32 2.20 0.00	52.06 1.93 0.00	176.39 5.54 0.00	46.12 1.35 0.00	42.97 1.27 0.00	46.37 1.34 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	36.16 -0.33 0.00	35.42 -0.25 0.00	37.23 -0.25 0.00	35.30 -0.33 0.00	35.29 -0.26 0.00	38.02 -0.22 0.00	48.16 -0.07 0.00	47.34 -0.07 0.00	34.83 -0.15 0.00	35.14 0.00 0.00	38.50 0.03 0.00	36.66 0.15 0.00	35.33 0.15 -0.89	36.14 -0.01 -1.50	39.34 0.09 -1.22	46.14 0.05 -1.70	44.23 0.33 -1.44	43.43 0.44 -0.67	46.73 0.61 0.00	50.37 0.26 0.02	170.09 -0.75 0.00	44.38 -0.39 0.00	41.41 -0.29 0.00	44.78 -0.24 0.02
GOUDEY___7 23579	36.16 -0.33 0.00	35.42 -0.25 0.00	37.23 -0.25 0.00	35.30 -0.33 0.00	35.29 -0.26 0.00	38.02 -0.22 0.00	48.16 -0.07 0.00	47.34 -0.07 0.00	34.83 -0.15 0.00	35.14 0.00 0.00	38.50 0.03 0.00	36.66 0.15 0.00	35.33 0.15 -0.89	36.14 -0.01 -1.50	39.34 0.09 -1.22	46.14 0.05 -1.70	44.23 0.33 -1.44	43.43 0.44 -0.67	46.73 0.61 0.00	50.37 0.26 0.02	170.09 -0.75 0.00	44.38 -0.39 0.00	41.41 -0.29 0.00	44.78 -0.24 0.02
GOUDEY___8 23580	36.16 -0.33 0.00	35.42 -0.25 0.00	37.23 -0.25 0.00	35.30 -0.33 0.00	35.29 -0.26 0.00	38.02 -0.22 0.00	48.16 -0.07 0.00	47.34 -0.07 0.00	34.83 -0.15 0.00	35.14 0.00 0.00	38.50 0.03 0.00	36.66 0.15 0.00	35.33 0.15 -0.89	36.14 -0.01 -1.50	39.34 0.09 -1.22	46.14 0.05 -1.70	44.23 0.33 -1.44	43.43 0.44 -0.67	46.73 0.61 0.00	50.37 0.26 0.02	170.09 -0.75 0.00	44.38 -0.39 0.00	41.41 -0.29 0.00	44.78 -0.24 0.02
GOWANUS_GT1_1 24077	39.04 2.55 0.00	37.95 2.28 0.00	39.55 2.07 0.00	37.51 1.89 0.00	37.38 1.82 0.00	40.23 1.99 0.00	50.34 2.11 0.00	49.28 1.87 0.00	36.70 1.71 0.00	37.31 2.17 0.00	45.87 3.06 -4.33	42.20 3.06 -2.62	38.80 3.20 -1.30	40.69 3.29 -2.75	43.70 3.64 -2.03	48.84 4.32 -0.13	59.20 4.29 -12.45	62.40 4.45 -15.63	50.24 4.11 0.00	53.56 3.43 0.00	178.79 7.94 0.00	46.84 2.08 0.00	43.90 2.20 0.00	47.71 2.67 0.00
GOWANUS_GT1_2 24078	39.04 2.55 0.00	37.95 2.28 0.00	39.55 2.07 0.00	37.51 1.89 0.00	37.38 1.82 0.00	40.23 1.99 0.00	50.34 2.11 0.00	49.28 1.87 0.00	36.70 1.71 0.00	37.31 2.17 0.00	45.87 3.06 -4.33	42.20 3.06 -2.62	38.80 3.20 -1.30	40.69 3.29 -2.75	43.70 3.64 -2.03	48.84 4.32 -0.13	59.20 4.29 -12.45	62.40 4.45 -15.63	50.24 4.11 0.00	53.56 3.43 0.00	178.79 7.94 0.00	46.84 2.08 0.00	43.90 2.20 0.00	47.71 2.67 0.00
GOWANUS_GT1_3 24079	39.04 2.55 0.00	37.95 2.28 0.00	39.55 2.07 0.00	37.51 1.89 0.00	37.38 1.82 0.00	40.23 1.99 0.00	50.34 2.11 0.00	49.28 1.87 0.00	36.70 1.71 0.00	37.31 2.17 0.00	45.87 3.06 -4.33	42.20 3.06 -2.62	38.80 3.20 -1.30	40.69 3.29 -2.75	43.70 3.64 -2.03	48.84 4.32 -0.13	59.20 4.29 -12.45	62.40 4.45 -15.63	50.24 4.11 0.00	53.56 3.43 0.00	178.79 7.94 0.00	46.84 2.08 0.00	43.90 2.20 0.00	47.71 2.67 0.00
GOWANUS_GT1_4 24080	39.04 2.55 0.00	37.95 2.28 0.00	39.55 2.07 0.00	37.51 1.89 0.00	37.38 1.82 0.00	40.23 1.99 0.00	50.34 2.11 0.00	49.28 1.87 0.00	36.70 1.71 0.00	37.31 2.17 0.00	45.87 3.06 -4.33	42.20 3.06 -2.62	38.80 3.20 -1.30	40.69 3.29 -2.75	43.70 3.64 -2.03	48.84 4.32 -0.13	59.20 4.29 -12.45	62.40 4.45 -15.63	50.24 4.11 0.00	53.56 3.43 0.00	178.79 7.94 0.00	46.84 2.08 0.00	43.90 2.20 0.00	47.71 2.67 0.00
GOWANUS_GT1_5 24084	39.04 2.55 0.00	37.95 2.28 0.00	39.55 2.07 0.00	37.51 1.89 0.00	37.38 1.82 0.00	40.23 1.99 0.00	50.34 2.11 0.00	49.28 1.87 0.00	36.70 1.71 0.00	37.31 2.17 0.00	45.87 3.06 -4.33	42.20 3.06 -2.62	38.80 3.20 -1.30	40.69 3.29 -2.75	43.70 3.64 -2.03	48.84 4.32 -0.13	59.20 4.29 -12.45	62.40 4.45 -15.63	50.24 4.11 0.00	53.56 3.43 0.00	178.79 7.94 0.00	46.84 2.08 0.00	43.90 2.20 0.00	47.71 2.67 0.00
GOWANUS_GT1_6 24111	39.04 2.55 0.00	37.95 2.28 0.00	39.55 2.07 0.00	37.51 1.89 0.00	37.38 1.82 0.00	40.23 1.99 0.00	50.34 2.11 0.00	49.28 1.87 0.00	36.70 1.71 0.00	37.31 2.17 0.00	45.87 3.06 -4.33	42.20 3.06 -2.62	38.80 3.20 -1.30	40.69 3.29 -2.75	43.70 3.64 -2.03	48.84 4.32 -0.13	59.20 4.29 -12.45	62.40 4.45 -15.63	50.24 4.11 0.00	53.56 3.43 0.00	178.79 7.94 0.00	46.84 2.08 0.00	43.90 2.20 0.00	47.71 2.67 0.00
GOWANUS_GT1_7 24112	39.04 2.55 0.00	37.95 2.28 0.00	39.55 2.07 0.00	37.51 1.89 0.00	37.38 1.82 0.00	40.23 1.99 0.00	50.34 2.11 0.00	49.28 1.87 0.00	36.70 1.71 0.00	37.31 2.17 0.00	45.87 3.06 -4.33	42.20 3.06 -2.62	38.80 3.20 -1.30	40.69 3.29 -2.75	43.70 3.64 -2.03	48.84 4.32 -0.13	59.20 4.29 -12.45	62.40 4.45 -15.63	50.24 4.11 0.00	53.56 3.43 0.00	178.79 7.94 0.00	46.84 2.08 0.00	43.90 2.20 0.00	47.71 2.67 0.00
GOWANUS_GT1_8 24113	39.04 2.55 0.00	37.95 2.28 0.00	39.55 2.07 0.00	37.51 1.89 0.00	37.38 1.82 0.00	40.23 1.99 0.00	50.34 2.11 0.00	49.28 1.87 0.00	36.70 1.71 0.00	37.31 2.17 0.00	45.87 3.06 -4.33	42.20 3.06 -2.62	38.80 3.20 -1.30	40.69 3.29 -2.75	43.70 3.64 -2.03	48.84 4.32 -0.13	59.20 4.29 -12.45	62.40 4.45 -15.63	50.24 4.11 0.00	53.56 3.43 0.00	178.79 7.94 0.00	46.84 2.08 0.00	43.90 2.20 0.00	47.71 2.67 0.00
GOWANUS_GT2_1 24114	39.06 2.57 0.00	37.98 2.30 0.00	39.57 2.09 0.00	37.53 1.90 0.00	37.39 1.84 0.00	40.24 2.00 0.00	50.36 2.13 0.00	49.31 1.90 0.00	36.72 1.73 0.00	37.33 2.19 0.00	45.88 3.07 -4.33	42.22 3.09 -2.62	38.82 3.22 -1.30	40.70 3.30 -2.75	43.71 3.65 -2.03	48.85 4.33 -0.13	59.21 4.29 -12.45	62.42 4.46 -15.63	50.27 4.14 0.00	53.60 3.46 0.00	178.83 7.99 0.00	46.86 2.10 0.00	43.91 2.21 0.00	47.74 2.70 0.00
GOWANUS_GT2_2 24115	39.06 2.57 0.00	37.98 2.30 0.00	39.57 2.09 0.00	37.53 1.90 0.00	37.39 1.84 0.00	40.24 2.00 0.00	50.36 2.13 0.00	49.31 1.90 0.00	36.72 1.73 0.00	37.33 2.19 0.00	45.88 3.07 -4.33	42.22 3.09 -2.62	38.82 3.22 -1.30	40.70 3.30 -2.75	43.71 3.65 -2.03	48.85 4.33 -0.13	59.21 4.29 -12.45	62.42 4.46 -15.63	50.27 4.14 0.00	53.60 3.46 0.00	178.83 7.99 0.00	46.86 2.10 0.00	43.91 2.21 0.00	47.74 2.70 0.00
GOWANUS_GT2_3 24116	39.06 2.57 0.00	37.98 2.30 0.00	39.57 2.09 0.00	37.53 1.90 0.00	37.39 1.84 0.00	40.24 2.00 0.00	50.36 2.13 0.00	49.31 1.90 0.00	36.72 1.73 0.00	37.33 2.19 0.00	45.88 3.07 -4.33	42.22 3.09 -2.62	38.82 3.22 -1.30	40.70 3.30 -2.75	43.71 3.65 -2.03	48.85 4.33 -0.13	59.21 4.29 -12.45	62.42 4.46 -15.63	50.27 4.14 0.00	53.60 3.46 0.00	178.83 7.99 0.00	46.86 2.10 0.00	43.91 2.21 0.00	47.74 2.70 0.00

GOWANUS_GT2_4 24117	39.06 2.57 0.00	37.98 2.30 0.00	39.57 2.09 0.00	37.53 1.90 0.00	37.39 1.84 0.00	40.24 2.00 0.00	50.36 2.13 0.00	49.31 1.90 0.00	36.72 1.73 0.00	37.33 2.19 0.00	45.88 3.07 -4.33	42.22 3.09 -2.62	38.82 3.22 -1.30	40.70 3.30 -2.75	43.71 3.65 -2.03	48.85 4.33 -0.13	59.21 4.29 -12.45	62.42 4.46 -15.63	50.27 4.14 0.00	53.60 3.46 0.00	178.83 7.99 0.00	46.86 2.10 0.00	43.91 2.21 0.00	47.74 2.70 0.00
GOWANUS_GT2_5 24118	39.06 2.57 0.00	37.98 2.30 0.00	39.57 2.09 0.00	37.53 1.90 0.00	37.39 1.84 0.00	40.24 2.00 0.00	50.36 2.13 0.00	49.31 1.90 0.00	36.72 1.73 0.00	37.33 2.19 0.00	45.88 3.07 -4.33	42.22 3.09 -2.62	38.82 3.22 -1.30	40.70 3.30 -2.75	43.71 3.65 -2.03	48.85 4.33 -0.13	59.21 4.29 -12.45	62.42 4.46 -15.63	50.27 4.14 0.00	53.60 3.46 0.00	178.83 7.99 0.00	46.86 2.10 0.00	43.91 2.21 0.00	47.74 2.70 0.00
GOWANUS_GT2_6 24119	39.06 2.57 0.00	37.98 2.30 0.00	39.57 2.09 0.00	37.53 1.90 0.00	37.39 1.84 0.00	40.24 2.00 0.00	50.36 2.13 0.00	49.31 1.90 0.00	36.72 1.73 0.00	37.33 2.19 0.00	45.88 3.07 -4.33	42.22 3.09 -2.62	38.82 3.22 -1.30	40.70 3.30 -2.75	43.71 3.65 -2.03	48.85 4.33 -0.13	59.21 4.29 -12.45	62.42 4.46 -15.63	50.27 4.14 0.00	53.60 3.46 0.00	178.83 7.99 0.00	46.86 2.10 0.00	43.91 2.21 0.00	47.74 2.70 0.00
GOWANUS_GT2_7 24120	39.06 2.57 0.00	37.98 2.30 0.00	39.57 2.09 0.00	37.53 1.90 0.00	37.39 1.84 0.00	40.24 2.00 0.00	50.36 2.13 0.00	49.31 1.90 0.00	36.72 1.73 0.00	37.33 2.19 0.00	45.88 3.07 -4.33	42.22 3.09 -2.62	38.82 3.22 -1.30	40.70 3.30 -2.75	43.71 3.65 -2.03	48.85 4.33 -0.13	59.21 4.29 -12.45	62.42 4.46 -15.63	50.27 4.14 0.00	53.60 3.46 0.00	178.83 7.99 0.00	46.86 2.10 0.00	43.91 2.21 0.00	47.74 2.70 0.00
GOWANUS_GT2_8 24121	39.06 2.57 0.00	37.98 2.30 0.00	39.57 2.09 0.00	37.53 1.90 0.00	37.39 1.84 0.00	40.24 2.00 0.00	50.36 2.13 0.00	49.31 1.90 0.00	36.72 1.73 0.00	37.33 2.19 0.00	45.88 3.07 -4.33	42.22 3.09 -2.62	38.82 3.22 -1.30	40.70 3.30 -2.75	43.71 3.65 -2.03	48.85 4.33 -0.13	59.21 4.29 -12.45	62.42 4.46 -15.63	50.27 4.14 0.00	53.60 3.46 0.00	178.83 7.99 0.00	46.86 2.10 0.00	43.91 2.21 0.00	47.74 2.70 0.00
GOWANUS_GT3_1 24122	39.04 2.55 0.00	37.95 2.28 0.00	39.55 2.07 0.00	37.51 1.89 0.00	37.37 1.82 0.00	40.23 1.99 0.00	50.34 2.11 0.00	49.28 1.87 0.00	36.71 1.72 0.00	37.31 2.17 0.00	45.87 3.05 -4.33	42.20 3.06 -2.62	38.79 3.20 -1.30	40.68 3.29 -2.75	43.70 3.64 -2.03	48.82 4.30 -0.13	59.19 4.28 -12.45	62.40 4.45 -15.63	50.24 4.12 0.00	53.56 3.43 0.00	178.75 7.91 0.00	46.84 2.08 0.00	43.90 2.20 0.00	47.70 2.67 0.00
GOWANUS_GT3_2 24123	39.04 2.55 0.00	37.95 2.28 0.00	39.55 2.07 0.00	37.51 1.89 0.00	37.37 1.82 0.00	40.23 1.99 0.00	50.34 2.11 0.00	49.28 1.87 0.00	36.71 1.72 0.00	37.31 2.17 0.00	45.87 3.05 -4.33	42.20 3.06 -2.62	38.79 3.20 -1.30	40.68 3.29 -2.75	43.70 3.64 -2.03	48.82 4.30 -0.13	59.19 4.28 -12.45	62.40 4.45 -15.63	50.24 4.12 0.00	53.56 3.43 0.00	178.75 7.91 0.00	46.84 2.08 0.00	43.90 2.20 0.00	47.70 2.67 0.00
GOWANUS_GT3_3 24124	39.04 2.55 0.00	37.95 2.28 0.00	39.55 2.07 0.00	37.51 1.89 0.00	37.37 1.82 0.00	40.23 1.99 0.00	50.34 2.11 0.00	49.28 1.87 0.00	36.71 1.72 0.00	37.31 2.17 0.00	45.87 3.05 -4.33	42.20 3.06 -2.62	38.79 3.20 -1.30	40.68 3.29 -2.75	43.70 3.64 -2.03	48.82 4.30 -0.13	59.19 4.28 -12.45	62.40 4.45 -15.63	50.24 4.12 0.00	53.56 3.43 0.00	178.75 7.91 0.00	46.84 2.08 0.00	43.90 2.20 0.00	47.70 2.67 0.00
GOWANUS_GT3_4 24125	39.04 2.55 0.00	37.95 2.28 0.00	39.55 2.07 0.00	37.51 1.89 0.00	37.37 1.82 0.00	40.23 1.99 0.00	50.34 2.11 0.00	49.28 1.87 0.00	36.71 1.72 0.00	37.31 2.17 0.00	45.87 3.05 -4.33	42.20 3.06 -2.62	38.79 3.20 -1.30	40.68 3.29 -2.75	43.70 3.64 -2.03	48.82 4.30 -0.13	59.19 4.28 -12.45	62.40 4.45 -15.63	50.24 4.12 0.00	53.56 3.43 0.00	178.75 7.91 0.00	46.84 2.08 0.00	43.90 2.20 0.00	47.70 2.67 0.00
GOWANUS_GT3_5 24126	39.04 2.55 0.00	37.95 2.28 0.00	39.55 2.07 0.00	37.51 1.89 0.00	37.37 1.82 0.00	40.23 1.99 0.00	50.34 2.11 0.00	49.28 1.87 0.00	36.71 1.72 0.00	37.31 2.17 0.00	45.87 3.05 -4.33	42.20 3.06 -2.62	38.79 3.20 -1.30	40.68 3.29 -2.75	43.70 3.64 -2.03	48.82 4.30 -0.13	59.19 4.28 -12.45	62.40 4.45 -15.63	50.24 4.12 0.00	53.56 3.43 0.00	178.75 7.91 0.00	46.84 2.08 0.00	43.90 2.20 0.00	47.70 2.67 0.00
GOWANUS_GT3_6 24127	39.04 2.55 0.00	37.95 2.28 0.00	39.55 2.07 0.00	37.51 1.89 0.00	37.37 1.82 0.00	40.23 1.99 0.00	50.34 2.11 0.00	49.28 1.87 0.00	36.71 1.72 0.00	37.31 2.17 0.00	45.87 3.05 -4.33	42.20 3.06 -2.62	38.79 3.20 -1.30	40.68 3.29 -2.75	43.70 3.64 -2.03	48.82 4.30 -0.13	59.19 4.28 -12.45	62.40 4.45 -15.63	50.24 4.12 0.00	53.56 3.43 0.00	178.75 7.91 0.00	46.84 2.08 0.00	43.90 2.20 0.00	47.70 2.67 0.00
GOWANUS_GT3_7 24128	39.04 2.55 0.00	37.95 2.28 0.00	39.55 2.07 0.00	37.51 1.89 0.00	37.37 1.82 0.00	40.23 1.99 0.00	50.34 2.11 0.00	49.28 1.87 0.00	36.71 1.72 0.00	37.31 2.17 0.00	45.87 3.05 -4.33	42.20 3.06 -2.62	38.79 3.20 -1.30	40.68 3.29 -2.75	43.70 3.64 -2.03	48.82 4.30 -0.13	59.19 4.28 -12.45	62.40 4.45 -15.63	50.24 4.12 0.00	53.56 3.43 0.00	178.75 7.91 0.00	46.84 2.08 0.00	43.90 2.20 0.00	47.70 2.67 0.00
GOWANUS_GT3_8 24129	39.04 2.55 0.00	37.95 2.28 0.00	39.55 2.07 0.00	37.51 1.89 0.00	37.37 1.82 0.00	40.23 1.99 0.00	50.34 2.11 0.00	49.28 1.87 0.00	36.71 1.72 0.00	37.31 2.17 0.00	45.87 3.05 -4.33	42.20 3.06 -2.62	38.79 3.20 -1.30	40.68 3.29 -2.75	43.70 3.64 -2.03	48.82 4.30 -0.13	59.19 4.28 -12.45	62.40 4.45 -15.63	50.24 4.12 0.00	53.56 3.43 0.00	178.75 7.91 0.00	46.84 2.08 0.00	43.90 2.20 0.00	47.70 2.67 0.00
GOWANUS_GT4_1 24130	39.06 2.57 0.00	37.98 2.30 0.00	39.57 2.09 0.00	37.53 1.90 0.00	37.39 1.84 0.00	40.24 2.00 0.00	50.36 2.13 0.00	49.31 1.90 0.00	36.71 1.73 0.00	37.33 2.19 0.00	45.89 3.08 -4.33	42.22 3.09 -2.62	38.82 3.22 -1.30	40.70 3.30 -2.75	43.72 3.66 -2.03	48.86 4.34 -0.13	59.21 4.29 -12.45	62.42 4.46 -15.63	50.27 4.15 0.00	53.60 3.46 0.00	178.84 7.99 0.00	46.86 2.10 0.00	43.91 2.21 0.00	47.74 2.70 0.00
GOWANUS_GT4_2 24131	39.06 2.57 0.00	37.98 2.30 0.00	39.57 2.09 0.00	37.53 1.90 0.00	37.39 1.84 0.00	40.24 2.00 0.00	50.36 2.13 0.00	49.31 1.90 0.00	36.71 1.73 0.00	37.33 2.19 0.00	45.89 3.08 -4.33	42.22 3.09 -2.62	38.82 3.22 -1.30	40.70 3.30 -2.75	43.72 3.66 -2.03	48.86 4.34 -0.13	59.21 4.29 -12.45	62.42 4.46 -15.63	50.27 4.15 0.00	53.60 3.46 0.00	178.84 7.99 0.00	46.86 2.10 0.00	43.91 2.21 0.00	47.74 2.70 0.00

GOWANUS_GT4_3 24132	39.06 2.57 0.00	37.98 2.30 0.00	39.57 2.09 0.00	37.53 1.90 0.00	37.39 1.84 0.00	40.24 2.00 0.00	50.36 2.13 0.00	49.31 1.90 0.00	36.71 1.73 0.00	37.33 2.19 0.00	45.89 3.08 -4.33	42.22 3.09 -2.62	38.82 3.22 -1.30	40.70 3.30 -2.75	43.72 3.66 -2.03	48.86 4.34 -0.13	59.21 4.29 -12.45	62.42 4.46 -15.63	50.27 4.15 0.00	53.60 3.46 0.00	178.84 7.99 0.00	46.86 2.10 0.00	43.91 2.21 0.00	47.74 2.70 0.00
GOWANUS_GT4_4 24133	39.06 2.57 0.00	37.98 2.30 0.00	39.57 2.09 0.00	37.53 1.90 0.00	37.39 1.84 0.00	40.24 2.00 0.00	50.36 2.13 0.00	49.31 1.90 0.00	36.71 1.73 0.00	37.33 2.19 0.00	45.89 3.08 -4.33	42.22 3.09 -2.62	38.82 3.22 -1.30	40.70 3.30 -2.75	43.72 3.66 -2.03	48.86 4.34 -0.13	59.21 4.29 -12.45	62.42 4.46 -15.63	50.27 4.15 0.00	53.60 3.46 0.00	178.84 7.99 0.00	46.86 2.10 0.00	43.91 2.21 0.00	47.74 2.70 0.00
GOWANUS_GT4_5 24134	39.06 2.57 0.00	37.98 2.30 0.00	39.57 2.09 0.00	37.53 1.90 0.00	37.39 1.84 0.00	40.24 2.00 0.00	50.36 2.13 0.00	49.31 1.90 0.00	36.71 1.73 0.00	37.33 2.19 0.00	45.89 3.08 -4.33	42.22 3.09 -2.62	38.82 3.22 -1.30	40.70 3.30 -2.75	43.72 3.66 -2.03	48.86 4.34 -0.13	59.21 4.29 -12.45	62.42 4.46 -15.63	50.27 4.15 0.00	53.60 3.46 0.00	178.84 7.99 0.00	46.86 2.10 0.00	43.91 2.21 0.00	47.74 2.70 0.00
GOWANUS_GT4_6 24135	39.06 2.57 0.00	37.98 2.30 0.00	39.57 2.09 0.00	37.53 1.90 0.00	37.39 1.84 0.00	40.24 2.00 0.00	50.36 2.13 0.00	49.31 1.90 0.00	36.71 1.73 0.00	37.33 2.19 0.00	45.89 3.08 -4.33	42.22 3.09 -2.62	38.82 3.22 -1.30	40.70 3.30 -2.75	43.72 3.66 -2.03	48.86 4.34 -0.13	59.21 4.29 -12.45	62.42 4.46 -15.63	50.27 4.15 0.00	53.60 3.46 0.00	178.84 7.99 0.00	46.86 2.10 0.00	43.91 2.21 0.00	47.74 2.70 0.00
GOWANUS_GT4_7 24136	39.06 2.57 0.00	37.98 2.30 0.00	39.57 2.09 0.00	37.53 1.90 0.00	37.39 1.84 0.00	40.24 2.00 0.00	50.36 2.13 0.00	49.31 1.90 0.00	36.71 1.73 0.00	37.33 2.19 0.00	45.89 3.08 -4.33	42.22 3.09 -2.62	38.82 3.22 -1.30	40.70 3.30 -2.75	43.72 3.66 -2.03	48.86 4.34 -0.13	59.21 4.29 -12.45	62.42 4.46 -15.63	50.27 4.15 0.00	53.60 3.46 0.00	178.84 7.99 0.00	46.86 2.10 0.00	43.91 2.21 0.00	47.74 2.70 0.00
GOWANUS_GT4_8 24137	39.06 2.57 0.00	37.98 2.30 0.00	39.57 2.09 0.00	37.53 1.90 0.00	37.39 1.84 0.00	40.24 2.00 0.00	50.36 2.13 0.00	49.31 1.90 0.00	36.71 1.73 0.00	37.33 2.19 0.00	45.89 3.08 -4.33	42.22 3.09 -2.62	38.82 3.22 -1.30	40.70 3.30 -2.75	43.72 3.66 -2.03	48.86 4.34 -0.13	59.21 4.29 -12.45	62.42 4.46 -15.63	50.27 4.15 0.00	53.60 3.46 0.00	178.84 7.99 0.00	46.86 2.10 0.00	43.91 2.21 0.00	47.74 2.70 0.00
GREENBSH_115KV_TB3 55895	37.31 0.82 0.00	36.52 0.85 0.00	38.37 0.89 0.00	36.50 0.87 0.00	36.43 0.89 0.00	39.17 0.93 0.00	49.20 0.97 0.00	48.37 0.96 0.00	35.70 0.72 0.00	35.79 0.65 0.00	39.65 0.59 -0.58	37.10 0.59 0.00	34.85 0.56 0.00	35.19 0.54 0.00	37.19 0.48 1.32	44.98 0.59 0.00	42.91 0.45 0.00	42.98 0.66 0.00	46.72 0.59 0.00	50.41 0.27 0.00	171.21 0.36 0.00	44.89 0.12 0.00	41.97 0.27 0.00	45.39 0.36 0.00
GREENDGE_115KV_TB5 80291	35.67 -0.82 0.00	34.99 -0.68 0.00	36.82 -0.66 0.00	34.90 -0.72 0.00	34.93 -0.62 0.00	37.73 -0.51 0.00	47.80 -0.43 0.00	47.11 -0.30 0.00	34.73 -0.25 0.00	34.82 -0.32 0.00	37.91 -0.56 0.00	36.04 -0.47 0.00	43.02 -0.71 -9.44	49.73 -1.12 -16.20	50.10 -1.33 -13.40	60.94 -2.06 -18.60	56.76 -1.44 -15.73	49.05 -0.64 -7.37	46.39 0.26 0.00	50.06 -0.03 0.04	167.96 -2.88 0.00	44.40 -0.37 0.00	41.49 -0.21 0.00	44.61 -0.39 0.03
GREENIDGE___3 23582	35.67 -0.82 0.00	34.99 -0.68 0.00	36.82 -0.66 0.00	34.90 -0.72 0.00	34.93 -0.62 0.00	37.73 -0.51 0.00	47.80 -0.43 0.00	47.11 -0.30 0.00	34.73 -0.25 0.00	34.82 -0.32 0.00	37.91 -0.56 0.00	36.04 -0.47 0.00	43.02 -0.71 -9.44	49.73 -1.12 -16.20	50.10 -1.33 -13.40	60.94 -2.06 -18.60	56.76 -1.44 -15.73	49.05 -0.64 -7.37	46.39 0.26 0.00	50.06 -0.03 0.04	167.96 -2.88 0.00	44.40 -0.37 0.00	41.49 -0.21 0.00	44.61 -0.39 0.03
GREENIDGE___4 23583	35.67 -0.82 0.00	34.99 -0.68 0.00	36.82 -0.66 0.00	34.90 -0.72 0.00	34.93 -0.62 0.00	37.73 -0.51 0.00	47.81 -0.42 0.00	47.10 -0.30 0.00	34.73 -0.26 0.00	34.82 -0.32 0.00	37.92 -0.56 0.00	36.05 -0.46 0.00	43.02 -0.71 -9.44	49.73 -1.12 -16.20	50.09 -1.34 -13.40	60.94 -2.06 -18.60	56.76 -1.44 -15.73	49.05 -0.64 -7.37	46.39 0.27 0.00	50.05 -0.04 0.04	167.97 -2.88 0.00	44.41 -0.36 -0.02	41.88 -0.21 -0.39	44.79 -0.39 -0.15
GREENLWN_69_KV_BK 3 55738	39.35 2.86 0.00	38.31 2.64 0.00	39.80 2.32 0.00	37.74 2.11 0.00	37.62 2.07 0.00	40.29 2.05 0.00	50.37 2.13 0.00	49.42 2.01 0.00	36.48 1.49 0.00	37.17 2.03 0.00	45.87 3.09 -4.30	42.22 3.12 -2.59	54.74 3.37 -17.08	54.92 3.46 -16.81	53.17 3.80 -11.34	50.99 4.63 -1.97	53.39 4.16 -6.77	48.50 4.30 -1.89	49.74 3.62 0.00	51.84 2.62 0.91	176.27 5.42 0.00	46.01 1.24 0.00	43.20 1.50 0.00	47.62 2.58 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	39.06 2.57 0.00	37.98 2.30 0.00	39.57 2.09 0.00	37.53 1.90 0.00	37.39 1.84 0.00	40.24 2.00 0.00	50.36 2.13 0.00	49.31 1.90 0.00	36.71 1.73 0.00	37.33 2.19 0.00	45.89 3.08 -4.33	42.22 3.09 -2.62	38.82 3.22 -1.30	40.70 3.30 -2.75	43.72 3.66 -2.03	48.86 4.34 -0.13	59.21 4.29 -12.45	62.42 4.46 -15.63	50.27 4.15 0.00	53.60 3.46 0.00	178.84 7.99 0.00	46.86 2.10 0.00	43.91 2.21 0.00	47.74 2.70 0.00
GRISSOM___SOLAR 323813	37.85 1.35 0.00	36.91 1.24 0.00	38.81 1.32 0.00	36.88 1.25 0.00	36.85 1.30 0.00	39.73 1.49 0.00	50.27 2.03 0.00	49.21 1.80 0.00	35.60 0.61 0.00	35.56 0.42 0.00	38.74 0.26 0.00	36.30 -0.21 0.00	33.91 -0.38 0.00	34.36 -0.29 0.00	37.68 -0.35 0.00	43.85 -0.55 0.00	41.98 -0.49 0.00	42.62 0.30 0.00	47.68 1.56 0.00	52.58 2.44 0.00	178.97 8.12 0.00	46.84 2.08 0.00	43.56 1.86 0.00	46.86 1.83 0.00
GROVEVILLE___HYD 323602	38.96 2.47 0.00	37.92 2.25 0.00	39.58 2.09 0.00	37.56 1.93 0.00	37.44 1.89 0.00	40.26 2.02 0.00	50.57 2.34 0.00	49.63 2.22 0.00	36.78 1.79 0.00	37.25 2.11 0.00	41.29 2.80 -0.02	39.48 2.85 -0.13	37.33 2.98 -0.06	37.85 3.07 -0.13	41.56 3.44 -0.10	48.60 4.20 0.00	53.92 4.23 -7.22	55.91 4.31 -9.28	50.39 4.27 0.00	53.86 3.73 0.00	180.53 9.68 0.00	47.05 2.29 0.00	43.96 2.26 0.00	47.64 2.61 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	36.30 -0.19 0.00	35.49 -0.18 0.00	37.29 -0.19 0.00	35.40 -0.23 0.00	35.35 -0.20 0.00	38.12 -0.12 0.00	48.30 0.07 0.00	47.56 0.15 0.00	35.01 0.02 0.00	35.13 0.00 0.00	38.42 -0.05 0.00	36.59 0.08 0.00	34.59 0.29 0.00	34.60 -0.05 0.00	37.72 -0.31 0.00	43.97 -0.42 0.00	42.24 -0.22 0.00	42.31 -0.01 0.00	46.34 0.22 0.00	50.18 0.04 -0.01	170.35 -0.50 0.00	44.56 -0.20 0.00	41.48 -0.22 0.00	44.71 -0.33 -0.01

HAMLTNNY_34_KV_TB 80303	36.35 -0.14 0.00	35.54 -0.13 0.00	37.37 -0.12 0.00	35.44 -0.19 0.00	35.37 -0.18 0.00	38.19 -0.05 0.00	48.46 0.22 0.00	47.70 0.29 0.00	35.11 0.12 0.00	35.20 0.06 0.00	38.48 0.00 0.00	36.68 0.16 0.00	34.75 0.46 0.00	34.65 0.00 0.00	37.64 -0.38 0.00	43.83 -0.56 0.00	42.16 -0.31 0.00	42.25 -0.07 0.00	46.35 0.23 0.00	50.18 0.05 0.00	170.46 -0.39 0.00	44.61 -0.15 0.00	41.52 -0.18 0.00	44.74 -0.30 0.00
HAMPSHIRE___PAPER_HYD 323593	36.38 -0.11 0.00	35.59 -0.08 0.00	37.59 0.11 0.00	35.82 0.19 0.00	35.59 0.04 0.00	38.37 0.14 0.00	48.85 0.62 0.00	48.06 0.65 0.00	35.08 0.09 0.00	34.83 -0.31 0.00	37.94 -0.54 0.00	35.72 -0.79 0.00	33.34 -0.95 0.00	33.82 -0.83 0.00	36.88 -1.15 0.00	42.74 -1.65 0.00	40.87 -1.60 0.00	40.98 -1.34 0.00	45.51 -0.62 0.00	50.17 0.03 0.00	173.12 2.27 0.00	45.37 0.61 0.00	42.16 0.46 0.00	45.52 0.49 0.00
HARDSCRABBLE_WT_PWR 323673	37.30 0.81 0.00	36.27 0.60 0.00	38.02 0.54 0.00	36.18 0.55 0.00	36.18 0.64 0.00	38.94 0.70 0.00	49.11 0.87 0.00	48.14 0.73 0.00	35.16 0.18 0.00	35.15 0.01 0.00	38.07 -0.41 0.00	36.01 -0.50 0.00	33.69 -0.60 0.00	33.91 -0.74 0.00	37.21 -0.81 0.00	43.57 -0.82 0.00	41.58 -0.89 0.00	42.03 -0.29 0.00	46.44 0.32 0.00	50.42 0.29 0.00	171.79 0.94 0.00	45.04 0.28 0.00	42.20 0.50 0.00	45.65 0.61 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	38.68 2.18 0.00	37.64 1.97 0.00	39.28 1.80 0.00	37.26 1.63 0.00	37.14 1.60 0.00	39.93 1.70 0.00	50.15 1.92 0.00	49.25 1.84 0.00	36.51 1.53 0.00	37.04 1.90 0.00	36.25 2.65 4.88	38.82 2.72 0.41	36.97 2.89 0.20	37.20 2.97 0.43	41.05 3.34 0.32	48.45 4.07 0.02	90.91 4.17 -44.28	103.67 4.27 -57.08	50.33 4.20 0.00	53.76 3.63 0.00	179.97 9.12 0.00	46.85 2.09 0.00	43.74 2.04 0.00	47.41 2.38 0.00
HARSNRAD_115KV_TB1 81005	33.52 -2.97 0.00	33.03 -2.64 0.00	34.83 -2.65 0.00	32.93 -2.69 0.00	33.01 -2.54 0.00	35.76 -2.48 0.00	45.82 -2.41 0.00	44.88 -2.53 0.00	33.20 -1.79 0.00	33.48 -1.66 0.00	36.32 -2.16 0.00	34.53 -1.98 0.00	26.89 -2.03 5.37	23.21 -2.13 9.31	28.04 -2.24 7.75	30.54 -3.08 10.76	31.16 -2.20 9.10	35.62 -2.44 4.25	43.51 -2.61 0.00	47.22 -2.85 0.06	162.22 -8.62 0.00	42.68 -2.08 0.00	39.81 -1.89 0.00	42.83 -2.15 0.06
HARZA MOOSE___RIVER 24016	36.66 0.17 0.00	35.81 0.14 0.00	37.80 0.31 0.00	35.98 0.35 0.00	35.81 0.26 0.00	38.62 0.39 0.00	49.15 0.92 0.00	48.36 0.95 0.00	35.31 0.32 0.00	35.09 -0.05 0.00	38.28 -0.19 0.00	36.04 -0.47 0.00	33.71 -0.58 0.00	34.11 -0.54 0.00	37.45 -0.58 0.00	43.54 -0.85 0.00	41.86 -0.61 0.00	42.15 -0.17 0.00	46.77 0.64 0.00	51.16 1.03 0.00	175.32 4.47 0.00	45.79 1.03 0.00	42.52 0.82 0.00	45.79 0.76 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	35.88 -0.61 0.00	35.09 -0.58 0.00	36.87 -0.61 0.00	34.99 -0.64 0.00	34.95 -0.60 0.00	37.68 -0.56 0.00	47.69 -0.55 0.00	46.93 -0.48 0.00	34.59 -0.40 0.00	34.77 -0.37 0.00	38.02 -0.46 0.00	36.10 -0.41 0.00	33.91 -0.38 0.00	34.15 -0.50 0.00	37.46 -0.57 0.00	43.69 -0.71 0.00	41.96 -0.50 0.00	41.99 -0.33 0.00	45.92 -0.21 0.00	49.66 -0.45 0.03	168.78 -2.07 0.00	44.14 -0.62 0.00	41.11 -0.60 0.00	44.28 -0.73 0.02
HELLGATE_13_KV_LD 55870	39.37 2.87 0.00	38.25 2.58 0.00	39.85 2.37 0.00	37.81 2.18 0.00	37.67 2.12 0.00	40.54 2.31 0.00	50.76 2.53 0.00	49.74 2.33 0.00	37.03 2.04 0.00	37.67 2.53 0.00	46.25 3.44 -4.33	42.59 3.46 -2.62	39.19 3.59 -1.30	41.01 3.61 -2.75	44.08 4.02 -2.03	49.24 4.72 -0.13	59.50 4.59 -12.45	62.70 4.74 -15.63	50.62 4.50 0.00	53.95 3.82 0.00	180.19 9.34 0.00	47.13 2.36 0.00	44.20 2.50 0.00	48.06 3.02 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	39.37 2.87 0.00	38.25 2.58 0.00	39.85 2.37 0.00	37.81 2.18 0.00	37.67 2.12 0.00	40.54 2.31 0.00	50.76 2.53 0.00	49.74 2.33 0.00	37.03 2.04 0.00	37.67 2.53 0.00	46.25 3.44 -4.33	42.59 3.46 -2.62	39.19 3.59 -1.30	41.01 3.61 -2.75	44.08 4.02 -2.03	49.24 4.72 -0.13	59.50 4.59 -12.45	62.70 4.74 -15.63	50.62 4.50 0.00	53.95 3.82 0.00	180.19 9.34 0.00	47.13 2.36 0.00	44.20 2.50 0.00	48.06 3.02 0.00
HEMPSTEAD___ 23647	39.17 2.68 0.00	38.11 2.44 0.00	39.63 2.14 0.00	37.57 1.94 0.00	37.44 1.90 0.00	40.19 1.96 0.00	50.30 2.07 0.00	49.38 1.97 0.00	36.49 1.51 0.00	37.16 2.02 0.00	45.85 3.07 -4.30	42.18 3.07 -2.59	54.63 3.26 -17.08	54.76 3.30 -16.81	53.09 3.72 -11.34	50.91 4.55 -1.97	59.18 4.35 -12.37	62.34 4.50 -15.53	50.19 4.06 0.00	53.32 3.19 0.00	178.38 7.53 0.00	46.52 1.75 0.00	43.57 1.87 0.00	47.76 2.73 0.00
HICKLING___1 23621	35.35 -1.15 0.00	34.74 -0.93 0.00	36.61 -0.87 0.00	34.66 -0.96 0.00	34.73 -0.82 0.00	37.45 -0.79 0.00	47.72 -0.51 0.00	47.16 -0.25 0.00	34.57 -0.41 0.00	34.96 -0.18 0.00	38.22 -0.25 0.00	36.42 -0.09 0.00	37.09 -0.37 -3.16	39.45 -0.60 -5.40	41.91 -0.56 -4.45	49.73 -0.84 -6.18	47.40 -0.29 -5.23	44.73 -0.04 -2.45	46.53 0.41 0.00	50.12 0.01 0.03	168.25 -2.59 0.00	43.86 -0.90 0.00	41.01 -0.68 0.00	44.46 -0.54 0.03
HICKLING___2 23622	35.35 -1.15 0.00	34.74 -0.93 0.00	36.61 -0.87 0.00	34.66 -0.96 0.00	34.73 -0.82 0.00	37.45 -0.79 0.00	47.72 -0.51 0.00	47.16 -0.25 0.00	34.57 -0.41 0.00	34.96 -0.18 0.00	38.22 -0.25 0.00	36.42 -0.09 0.00	37.09 -0.37 -3.16	39.45 -0.60 -5.40	41.91 -0.56 -4.45	49.73 -0.84 -6.18	47.40 -0.29 -5.23	44.73 -0.04 -2.45	46.53 0.41 0.00	50.12 0.01 0.03	168.25 -2.59 0.00	43.86 -0.90 0.00	41.01 -0.68 0.00	44.46 -0.54 0.03
HIGH FALLS___HY 23754	38.87 2.38 0.00	37.80 2.13 0.00	39.38 1.89 0.00	37.36 1.73 0.00	37.26 1.71 0.00	40.06 1.82 0.00	50.37 2.14 0.00	49.48 2.07 0.00	36.64 1.65 0.00	37.11 1.97 0.00	41.10 2.63 0.00	39.11 2.60 0.00	34.11 2.77 2.95	27.60 2.85 9.90	34.26 3.34 7.11	48.54 4.15 0.00	51.00 4.44 -4.09	52.00 4.42 -5.27	50.60 4.48 0.00	54.09 3.96 0.00	181.36 10.52 0.00	47.20 2.43 0.00	44.01 2.31 0.00	47.62 2.59 0.00
HIGH_RIVER___SOLAR 323847	37.60 1.10 0.00	36.69 1.02 0.00	38.57 1.08 0.00	36.64 1.02 0.00	36.61 1.06 0.00	39.41 1.17 0.00	49.74 1.51 0.00	48.72 1.31 0.00	35.63 0.65 0.00	35.58 0.44 0.00	38.82 0.34 0.00	36.52 0.01 0.00	34.23 -0.07 0.00	34.58 -0.07 0.00	37.92 -0.10 0.00	44.25 -0.14 0.00	42.46 -0.01 0.00	42.89 0.57 0.00	47.40 1.27 0.00	51.76 1.63 0.00	176.10 5.26 0.00	46.12 1.36 0.00	42.99 1.29 0.00	46.34 1.31 0.00
HILLBURN___GT 23639	38.64 2.15 0.00	37.59 1.92 0.00	39.23 1.75 0.00	37.21 1.58 0.00	37.07 1.53 0.00	39.85 1.62 0.00	50.02 1.79 0.00	49.11 1.70 0.00	36.43 1.44 0.00	36.97 1.83 0.00	35.40 2.58 5.66	38.67 2.65 0.50	36.90 2.85 0.25	37.05 2.92 0.52	40.91 3.27 0.39	48.32 3.95 0.03	82.57 4.03 -36.07	92.98 4.14 -46.52	50.14 4.02 0.00	53.55 3.41 0.00	179.04 8.19 0.00	46.61 1.85 0.00	43.56 1.86 0.00	47.28 2.25 0.00

HILLSIDE_115KV_TB1 80332	35.08 -1.41 0.00	34.47 -1.20 0.00	36.27 -1.21 0.00	34.34 -1.29 0.00	34.37 -1.18 0.00	37.02 -1.22 0.00	47.14 -1.09 0.00	46.73 -0.68 0.00	34.28 -0.71 0.00	34.69 -0.46 0.00	38.00 -0.48 0.00	36.25 -0.26 0.00	36.68 -0.49 -2.88	38.84 -0.73 -4.92	41.40 -0.69 -4.05	49.09 -0.93 -5.63	46.79 -0.43 -4.76	44.21 -0.34 -2.23	46.03 -0.09 0.00	49.47 -0.63 0.03	165.86 -4.99 0.00	43.22 -1.54 0.00	40.42 -1.28 0.00	43.81 -1.20 0.02
HISHELDN_WT_PWR 323625	33.67 -2.82 0.00	33.27 -2.40 0.00	35.16 -2.32 0.00	33.27 -2.36 0.00	33.33 -2.21 0.00	36.08 -2.16 0.00	46.18 -2.06 0.00	45.39 -2.02 0.00	33.43 -1.56 0.00	33.76 -1.38 0.00	36.64 -1.84 0.00	34.81 -1.71 0.00	14.68 -1.92 17.70	1.98 -2.10 30.57	10.39 -2.25 25.39	6.12 -3.00 35.27	10.41 -2.23 29.82	26.24 -2.11 13.97	44.28 -1.84 0.00	47.97 -2.11 0.06	163.76 -7.08 0.00	43.00 -1.75 0.01	39.95 -1.44 0.30	43.31 -1.53 0.19
HOLTSVILLE_IC_1 23690	39.44 2.95 0.00	38.44 2.77 0.00	39.84 2.35 0.00	37.75 2.13 0.00	37.65 2.10 0.00	40.34 2.10 0.00	50.44 2.20 0.00	49.50 2.09 0.00	36.44 1.45 0.00	37.29 2.15 0.00	46.10 3.32 -4.30	42.36 3.26 -2.59	54.93 3.56 -17.08	54.99 3.53 -16.81	53.11 3.75 -11.34	50.95 4.59 -1.97	66.56 4.22 -19.87	79.37 4.43 -32.62	49.89 3.76 0.00	54.32 2.73 -1.46	176.64 5.79 0.00	46.24 1.47 0.00	43.45 1.76 0.00	47.86 2.83 0.00
HOLTSVILLE_IC_10 23699	39.68 3.18 0.00	38.66 2.99 0.00	40.05 2.57 0.00	37.96 2.33 0.00	37.85 2.30 0.00	40.56 2.32 0.00	50.74 2.51 0.00	49.83 2.42 0.00	36.64 1.65 0.00	37.51 2.37 0.00	46.39 3.61 -4.30	42.64 3.54 -2.59	55.24 3.87 -17.08	55.31 3.85 -16.81	53.47 4.10 -11.34	51.43 5.07 -1.97	68.86 4.69 -21.71	86.41 4.89 -39.20	50.33 4.20 0.00	55.42 3.18 -2.11	178.04 7.19 -0.01	46.60 1.84 0.00	43.76 2.06 0.00	48.18 3.15 0.00
HOLTSVILLE_IC_2 23691	39.44 2.95 0.00	38.44 2.77 0.00	39.84 2.35 0.00	37.75 2.13 0.00	37.65 2.10 0.00	40.34 2.10 0.00	50.44 2.20 0.00	49.50 2.09 0.00	36.44 1.45 0.00	37.29 2.15 0.00	46.10 3.32 -4.30	42.36 3.26 -2.59	54.93 3.56 -17.08	54.99 3.53 -16.81	53.11 3.75 -11.34	50.95 4.59 -1.97	66.56 4.22 -19.87	79.37 4.43 -32.62	49.89 3.76 0.00	54.32 2.73 -1.46	176.64 5.79 0.00	46.24 1.47 0.00	43.45 1.76 0.00	47.86 2.83 0.00
HOLTSVILLE_IC_3 23692	39.44 2.95 0.00	38.44 2.77 0.00	39.84 2.35 0.00	37.75 2.13 0.00	37.65 2.10 0.00	40.34 2.10 0.00	50.44 2.20 0.00	49.50 2.09 0.00	36.44 1.45 0.00	37.29 2.15 0.00	46.10 3.32 -4.30	42.36 3.26 -2.59	54.93 3.56 -17.08	54.99 3.53 -16.81	53.11 3.75 -11.34	50.95 4.59 -1.97	66.56 4.22 -19.87	79.37 4.43 -32.62	49.89 3.76 0.00	54.32 2.73 -1.46	176.64 5.79 0.00	46.24 1.47 0.00	43.45 1.76 0.00	47.86 2.83 0.00
HOLTSVILLE_IC_4 23693	39.44 2.95 0.00	38.44 2.77 0.00	39.84 2.35 0.00	37.75 2.13 0.00	37.65 2.10 0.00	40.34 2.10 0.00	50.44 2.20 0.00	49.50 2.09 0.00	36.44 1.45 0.00	37.29 2.15 0.00	46.10 3.32 -4.30	42.36 3.26 -2.59	54.93 3.56 -17.08	54.99 3.53 -16.81	53.11 3.75 -11.34	50.95 4.59 -1.97	66.56 4.22 -19.87	79.37 4.43 -32.62	49.89 3.76 0.00	54.32 2.73 -1.46	176.64 5.79 0.00	46.24 1.47 0.00	43.45 1.76 0.00	47.86 2.83 0.00
HOLTSVILLE_IC_5 23694	39.44 2.95 0.00	38.44 2.77 0.00	39.84 2.35 0.00	37.75 2.13 0.00	37.65 2.10 0.00	40.34 2.10 0.00	50.44 2.20 0.00	49.50 2.09 0.00	36.44 1.45 0.00	37.29 2.15 0.00	46.10 3.32 -4.30	42.36 3.26 -2.59	54.93 3.56 -17.08	54.99 3.53 -16.81	53.11 3.75 -11.34	50.95 4.59 -1.97	66.56 4.22 -19.87	79.37 4.43 -32.62	49.89 3.76 0.00	54.32 2.73 -1.46	176.64 5.79 0.00	46.24 1.47 0.00	43.45 1.76 0.00	47.86 2.83 0.00
HOLTSVILLE_IC_6 23695	39.68 3.18 0.00	38.66 2.99 0.00	40.05 2.57 0.00	37.96 2.33 0.00	37.85 2.30 0.00	40.56 2.32 0.00	50.74 2.51 0.00	49.83 2.42 0.00	36.64 1.65 0.00	37.51 2.37 0.00	46.39 3.61 -4.30	42.64 3.54 -2.59	55.24 3.87 -17.08	55.31 3.85 -16.81	53.47 4.10 -11.34	51.43 5.07 -1.97	68.86 4.69 -21.71	86.41 4.89 -39.20	50.33 4.20 0.00	55.42 3.18 -2.11	178.04 7.19 -0.01	46.60 1.84 0.00	43.76 2.06 0.00	48.18 3.15 0.00
HOLTSVILLE_IC_7 23696	39.68 3.18 0.00	38.66 2.99 0.00	40.05 2.57 0.00	37.96 2.33 0.00	37.85 2.30 0.00	40.56 2.32 0.00	50.74 2.51 0.00	49.83 2.42 0.00	36.64 1.65 0.00	37.51 2.37 0.00	46.39 3.61 -4.30	42.64 3.54 -2.59	55.24 3.87 -17.08	55.31 3.85 -16.81	53.47 4.10 -11.34	51.43 5.07 -1.97	68.86 4.69 -21.71	86.41 4.89 -39.20	50.33 4.20 0.00	55.42 3.18 -2.11	178.04 7.19 -0.01	46.60 1.84 0.00	43.76 2.06 0.00	48.18 3.15 0.00
HOLTSVILLE_IC_8 23697	39.68 3.18 0.00	38.66 2.99 0.00	40.05 2.57 0.00	37.96 2.33 0.00	37.85 2.30 0.00	40.56 2.32 0.00	50.74 2.51 0.00	49.83 2.42 0.00	36.64 1.65 0.00	37.51 2.37 0.00	46.39 3.61 -4.30	42.64 3.54 -2.59	55.24 3.87 -17.08	55.31 3.85 -16.81	53.47 4.10 -11.34	51.43 5.07 -1.97	68.86 4.69 -21.71	86.41 4.89 -39.20	50.33 4.20 0.00	55.42 3.18 -2.11	178.04 7.19 -0.01	46.60 1.84 0.00	43.76 2.06 0.00	48.18 3.15 0.00
HOLTSVILLE_IC_9 23698	39.68 3.18 0.00	38.66 2.99 0.00	40.05 2.57 0.00	37.96 2.33 0.00	37.85 2.30 0.00	40.56 2.32 0.00	50.74 2.51 0.00	49.83 2.42 0.00	36.64 1.65 0.00	37.51 2.37 0.00	46.39 3.61 -4.30	42.64 3.54 -2.59	55.24 3.87 -17.08	55.31 3.85 -16.81	53.47 4.10 -11.34	51.43 5.07 -1.97	68.86 4.69 -21.71	86.41 4.89 -39.20	50.33 4.20 0.00	55.42 3.18 -2.11	178.04 7.19 -0.01	46.60 1.84 0.00	43.76 2.06 0.00	48.18 3.15 0.00
HOMER_HL_115KV_TB2 355744	35.19 -1.30 0.00	34.68 -0.99 0.00	36.60 -0.88 0.00	34.56 -1.07 0.00	34.59 -0.96 0.00	37.39 -0.85 0.00	47.78 -0.45 0.00	47.45 0.04 0.00	34.85 -0.14 0.00	35.48 0.33 0.00	38.86 0.39 0.00	36.84 0.33 0.00	34.31 0.02 0.00	34.33 -0.32 0.00	37.67 -0.36 0.00	43.93 -0.46 0.00	42.59 0.12 0.00	42.21 -0.11 0.00	46.26 0.14 0.00	49.22 -0.86 0.05	165.76 -5.09 0.00	42.70 -2.06 0.00	40.13 -1.57 0.00	43.71 -1.28 0.05
HOWARD_WT_PWR 323690	33.90 -2.59 0.00	33.60 -2.07 0.00	35.55 -1.93 0.00	33.77 -1.86 0.00	33.86 -1.69 0.00	36.57 -1.67 0.00	46.56 -1.67 0.00	45.85 -1.56 0.00	33.55 -1.44 0.00	33.94 -1.20 0.00	36.81 -1.67 0.00	34.99 -1.52 0.00	52.22 -2.03 -19.96	66.60 -2.42 -34.36	63.84 -2.67 -28.48	80.47 -3.48 -39.55	73.05 -2.87 -33.45	55.76 -2.23 -15.68	45.07 -1.05 0.00	48.98 -1.11 0.04	165.10 -5.75 0.00	43.41 -1.36 -0.01	40.96 -0.92 -0.18	44.63 -0.45 -0.05
HQ_GEN_CEDARS 23644	36.48 -0.01 0.00	35.75 0.08 0.00	37.66 0.17 0.00	35.83 0.21 0.00	35.65 0.11 0.00	38.36 0.12 0.00	48.51 0.28 0.00	47.64 0.23 0.00	35.20 0.21 0.00	35.26 0.12 0.00	38.45 -0.03 0.00	36.41 -0.10 0.00	34.04 -0.25 0.00	34.48 -0.17 0.00	37.69 -0.34 0.00	43.86 -0.54 0.00	41.86 -0.60 0.00	41.65 -0.67 0.00	45.58 -0.55 0.00	50.10 -0.03 0.00	172.44 1.60 0.00	45.26 0.49 0.00	41.97 0.27 0.00	45.31 0.27 0.00

HQ_GEN_CEDARS_PROXY 323590	36.49 0.00 0.00	35.75 0.08 0.00	37.66 0.17 0.00	35.84 0.21 0.00	35.65 0.11 0.00	38.36 0.12 0.00	48.51 0.28 0.00	47.64 0.23 0.00	34.68 0.21 0.51	35.26 0.12 0.00	38.46 -0.02 0.00	36.41 -0.10 0.00	34.04 -0.25 0.00	34.48 -0.17 0.00	37.69 -0.34 0.00	43.85 -0.54 0.00	41.86 -0.60 0.00	41.56 -0.67 0.09	45.58 -0.55 0.00	50.10 -0.03 0.00	172.44 1.59 0.00	45.26 0.49 0.00	41.97 0.27 0.00	45.31 0.27 0.00
HQ_GEN_CHPE_PROXY 323851	39.09 2.59 0.00	37.99 2.32 0.00	39.59 2.10 0.00	37.54 1.91 0.00	37.41 1.86 0.00	40.25 2.01 0.00	49.43 2.13 0.93	53.67 1.86 -4.40	37.00 1.67 -0.35	37.34 2.20 0.00	45.86 3.05 -4.33	42.18 3.05 -2.62	-105.72 3.14 143.15	40.62 3.23 -2.75	43.63 3.57 -2.03	48.77 4.25 -0.13	59.12 4.20 -12.45	62.23 4.31 -15.59	50.23 4.11 0.00	53.54 3.41 0.00	178.91 8.06 0.00	46.69 1.93 0.00	42.64 2.14 1.19	46.29 2.70 1.45
HQ_GEN_IMPORT 323601	36.48 -0.01 0.00	35.69 0.02 0.00	37.54 0.06 0.00	35.71 0.08 0.00	35.59 0.04 0.00	38.27 0.03 0.00	47.41 0.11 0.93	51.92 0.10 -4.40	35.45 0.11 -0.35	35.22 0.08 0.00	38.50 0.03 0.00	36.51 0.00 0.00	34.22 -0.07 0.00	34.59 -0.07 0.00	37.95 -0.08 0.00	44.27 -0.12 0.00	42.27 -0.20 0.00	41.90 -0.38 0.04	45.78 -0.35 0.00	50.13 0.00 0.00	171.72 0.87 0.00	45.04 0.28 0.00	40.66 0.15 1.19	43.72 0.14 1.45
HQ_GEN_WHEEL 23651	36.48 -0.01 0.00	35.69 0.02 0.00	37.54 0.06 0.00	35.71 0.08 0.00	35.59 0.04 0.00	38.27 0.03 0.00	47.41 0.11 0.93	51.92 0.10 -4.40	35.45 0.11 -0.35	35.22 0.08 0.00	38.50 0.03 0.00	36.51 0.00 0.00	34.22 -0.07 0.00	34.59 -0.07 0.00	37.95 -0.08 0.00	44.27 -0.12 0.00	42.27 -0.20 0.00	41.90 -0.38 0.04	45.78 -0.35 0.00	50.13 0.00 0.00	171.72 0.87 0.00	45.04 0.28 0.00	40.66 0.15 1.19	43.72 0.14 1.45
HUDSON AVE_GT_3 23810	39.20 2.71 0.00	38.09 2.42 0.00	39.70 2.21 0.00	37.64 2.01 0.00	37.51 1.96 0.00	40.35 2.12 0.00	50.54 2.30 0.00	49.48 2.08 0.00	36.80 1.81 0.00	37.46 2.33 0.00	46.00 3.19 -4.33	42.33 3.20 -2.62	38.92 3.32 -1.31	40.80 3.40 -2.75	43.83 3.76 -2.03	49.00 4.48 -0.13	59.36 4.44 -12.46	62.49 4.53 -15.64	50.47 4.35 0.00	53.79 3.66 0.00	179.65 8.80 0.00	46.92 2.15 0.00	44.00 2.30 0.00	47.86 2.82 0.00
HUDSON AVE_GT_4 23540	39.20 2.71 0.00	38.09 2.42 0.00	39.70 2.21 0.00	37.64 2.01 0.00	37.51 1.96 0.00	40.35 2.12 0.00	50.54 2.30 0.00	49.48 2.08 0.00	36.80 1.81 0.00	37.46 2.33 0.00	46.00 3.19 -4.33	42.33 3.20 -2.62	38.92 3.32 -1.31	40.80 3.40 -2.75	43.83 3.76 -2.03	49.00 4.48 -0.13	59.36 4.44 -12.46	62.49 4.53 -15.64	50.47 4.35 0.00	53.79 3.66 0.00	179.65 8.80 0.00	46.92 2.15 0.00	44.00 2.30 0.00	47.86 2.82 0.00
HUDSON AVE_GT_5 23657	39.20 2.71 0.00	38.09 2.42 0.00	39.70 2.21 0.00	37.64 2.01 0.00	37.51 1.96 0.00	40.35 2.12 0.00	50.54 2.30 0.00	49.48 2.08 0.00	36.80 1.81 0.00	37.46 2.33 0.00	46.00 3.19 -4.33	42.33 3.20 -2.62	38.92 3.32 -1.31	40.80 3.40 -2.75	43.83 3.76 -2.03	49.00 4.48 -0.13	59.36 4.44 -12.46	62.49 4.53 -15.64	50.47 4.35 0.00	53.79 3.66 0.00	179.65 8.80 0.00	46.92 2.15 0.00	44.00 2.30 0.00	47.86 2.82 0.00
HUDSON_AVE_10 24168	39.12 2.63 0.00	38.01 2.34 0.00	39.60 2.12 0.00	37.54 1.92 0.00	37.41 1.86 0.00	40.25 2.01 0.00	50.43 2.20 0.00	49.36 1.95 0.00	36.71 1.72 0.00	37.35 2.21 0.00	45.86 3.05 -4.33	42.20 3.07 -2.62	38.79 3.19 -1.31	40.70 3.30 -2.75	43.68 3.62 -2.03	48.84 4.32 -0.13	59.21 4.28 -12.46	62.33 4.37 -15.64	50.32 4.19 0.00	53.63 3.50 0.00	179.13 8.28 0.00	46.77 2.02 0.00	43.88 2.18 0.00	47.71 2.67 0.00
HUDSON___115KV_TB 4 355613	38.04 1.55 0.00	37.23 1.56 0.00	39.02 1.54 0.00	37.12 1.49 0.00	37.05 1.50 0.00	39.89 1.65 0.00	50.21 1.98 0.00	49.36 1.95 0.00	36.28 1.29 0.00	36.08 0.94 0.00	39.23 0.76 0.00	37.37 0.86 0.00	23.92 0.82 11.19	-2.05 0.82 37.52	12.73 0.85 26.15	45.39 1.00 0.00	43.38 0.92 0.00	43.50 1.18 0.00	47.62 1.50 0.00	51.56 1.43 0.00	174.53 3.68 0.00	45.72 0.96 0.00	42.73 1.03 0.00	46.13 1.10 0.00
HUNTER MOUNT___DRP 323613	38.13 1.64 0.00	37.34 1.67 0.00	39.13 1.65 0.00	37.23 1.61 0.00	37.17 1.62 0.00	40.01 1.78 0.00	50.40 2.17 0.00	49.55 2.14 0.00	36.44 1.45 0.00	36.18 1.04 0.00	39.20 0.72 0.00	37.43 0.92 0.00	18.91 0.89 16.28	-19.00 0.91 54.56	-0.22 0.94 39.19	45.48 1.08 0.00	43.45 0.99 0.00	43.58 1.26 0.00	47.70 1.57 0.00	51.65 1.52 0.00	174.26 3.42 0.00	45.72 0.95 0.00	42.77 1.07 0.00	46.17 1.13 0.00
HUNTINGTON_RES_REC 323705	39.71 3.21 0.00	38.66 2.99 0.00	40.10 2.61 0.00	38.01 2.38 0.00	37.89 2.35 0.00	40.59 2.36 0.00	50.77 2.54 0.00	49.87 2.45 0.00	36.70 1.71 0.00	37.46 2.32 0.00	46.28 3.51 -4.30	42.58 3.47 -2.59	55.17 3.80 -17.08	55.33 3.88 -16.81	53.59 4.22 -11.34	51.59 5.23 -1.97	56.33 4.80 -9.07	50.48 4.96 -3.21	50.20 4.08 0.00	52.22 2.94 0.86	177.30 6.45 0.00	46.30 1.54 0.00	43.47 1.77 0.00	47.89 2.85 0.00
HUNTLEY___63 23557	33.83 -2.67 0.00	33.36 -2.31 0.00	35.15 -2.33 0.00	33.23 -2.40 0.00	33.29 -2.26 0.00	36.07 -2.17 0.00	46.23 -2.00 0.00	45.34 -2.07 0.00	33.54 -1.44 0.00	33.87 -1.27 0.00	36.78 -1.70 0.00	34.99 -1.53 0.00	26.84 -1.65 5.80	22.83 -1.77 10.05	27.84 -1.83 8.36	30.14 -2.63 11.62	30.86 -1.77 9.82	35.68 -2.09 4.54	43.87 -2.26 0.00	47.56 -2.51 0.06	163.27 -7.57 0.00	42.92 -1.84 0.00	40.19 -1.51 0.00	43.23 -1.74 0.06
HUNTLEY___64 23558	33.83 -2.67 0.00	33.36 -2.31 0.00	35.15 -2.33 0.00	33.23 -2.40 0.00	33.29 -2.26 0.00	36.07 -2.17 0.00	46.23 -2.00 0.00	45.34 -2.07 0.00	33.54 -1.44 0.00	33.87 -1.27 0.00	36.78 -1.70 0.00	34.99 -1.53 0.00	26.84 -1.65 5.80	22.83 -1.77 10.05	27.84 -1.83 8.36	30.14 -2.63 11.62	30.86 -1.77 9.82	35.68 -2.09 4.54	43.87 -2.26 0.00	47.56 -2.51 0.06	163.27 -7.57 0.00	42.92 -1.84 0.00	40.19 -1.51 0.00	43.23 -1.74 0.06
HUNTLEY___65 23559	33.83 -2.67 0.00	33.36 -2.31 0.00	35.15 -2.33 0.00	33.23 -2.40 0.00	33.29 -2.26 0.00	36.07 -2.17 0.00	46.23 -2.00 0.00	45.34 -2.07 0.00	33.54 -1.44 0.00	33.87 -1.27 0.00	36.78 -1.70 0.00	34.99 -1.53 0.00	26.84 -1.65 5.80	22.83 -1.77 10.05	27.84 -1.83 8.36	30.14 -2.63 11.62	30.86 -1.77 9.82	35.68 -2.09 4.54	43.87 -2.26 0.00	47.56 -2.51 0.06	163.27 -7.57 0.00	42.92 -1.84 0.00	40.19 -1.51 0.00	43.23 -1.74 0.06
HUNTLEY___66 23560	33.83 -2.67 0.00	33.36 -2.31 0.00	35.15 -2.33 0.00	33.23 -2.40 0.00	33.29 -2.26 0.00	36.07 -2.17 0.00	46.23 -2.00 0.00	45.34 -2.07 0.00	33.54 -1.44 0.00	33.87 -1.27 0.00	36.78 -1.70 0.00	34.99 -1.53 0.00	26.84 -1.65 5.80	22.83 -1.77 10.05	27.84 -1.83 8.36	30.14 -2.63 11.62	30.86 -1.77 9.82	35.68 -2.09 4.54	43.87 -2.26 0.00	47.56 -2.51 0.06	163.27 -7.57 0.00	42.92 -1.84 0.00	40.19 -1.51 0.00	43.23 -1.74 0.06

HUNTLEY___67 23561	33.63 -2.86 0.00	33.15 -2.52 0.00	34.98 -2.51 0.00	33.07 -2.55 0.00	33.13 -2.42 0.00	35.87 -2.37 0.00	45.94 -2.29 0.00	45.08 -2.33 0.00	33.34 -1.65 0.00	33.69 -1.45 0.00	36.59 -1.89 0.00	34.82 -1.69 0.00	25.82 -1.85 6.63	21.16 -2.02 11.47	26.37 -2.12 9.54	28.19 -2.94 13.26	29.17 -2.07 11.22	34.80 -2.26 5.26	43.75 -2.38 0.00	47.42 -2.65 0.06	162.72 -8.12 0.00	42.74 -2.03 0.00	39.94 -1.76 0.00	42.97 -2.01 0.06
HUNTLEY___68 23562	33.63 -2.86 0.00	33.15 -2.52 0.00	34.98 -2.51 0.00	33.07 -2.55 0.00	33.13 -2.42 0.00	35.87 -2.37 0.00	45.94 -2.29 0.00	45.08 -2.33 0.00	33.34 -1.65 0.00	33.69 -1.45 0.00	36.59 -1.89 0.00	34.82 -1.69 0.00	25.82 -1.85 6.63	21.16 -2.02 11.47	26.37 -2.12 9.54	28.19 -2.94 13.26	29.17 -2.07 11.22	34.80 -2.26 5.26	43.75 -2.38 0.00	47.42 -2.65 0.06	162.72 -8.12 0.00	42.74 -2.03 0.00	39.94 -1.76 0.00	42.97 -2.01 0.06
HYLAND___LFG 323620	36.27 -0.22 0.00	35.66 -0.01 0.00	37.55 0.06 0.00	35.55 -0.07 0.00	35.63 0.08 0.00	38.60 0.36 0.00	49.51 1.28 0.00	48.67 1.26 0.00	35.16 0.17 0.00	34.66 -0.49 0.00	37.55 -0.92 0.00	35.78 -0.73 0.00	55.27 -1.07 -22.05	71.44 -1.19 -37.98	68.20 -1.32 -31.48	86.35 -1.76 -43.71	79.03 -0.40 -36.97	59.65 0.00 -17.32	46.94 0.82 0.00	51.94 1.86 0.05	177.29 6.44 0.00	46.27 1.51 0.00	42.91 1.21 0.00	46.17 1.18 0.05
INDECK___CORINTH 23802	37.80 1.31 0.00	36.86 1.19 0.00	38.69 1.20 0.00	36.80 1.17 0.00	36.72 1.17 0.00	39.45 1.21 0.00	49.96 1.73 0.00	49.02 1.61 0.00	35.94 0.96 0.00	35.79 0.65 0.00	38.94 0.46 0.00	37.01 0.50 0.00	34.77 0.48 0.00	35.17 0.52 0.00	38.43 0.40 0.00	44.80 0.41 0.00	42.95 0.48 0.00	43.46 1.14 0.00	47.58 1.45 0.00	51.56 1.43 0.00	175.26 4.42 0.00	45.98 1.21 0.00	43.13 1.44 0.00	46.41 1.38 0.00
INDECK___ILION 23567	37.04 0.54 0.00	36.11 0.44 0.00	37.90 0.42 0.00	36.04 0.42 0.00	36.00 0.46 0.00	38.74 0.50 0.00	48.84 0.61 0.00	47.92 0.52 0.00	35.17 0.19 0.00	35.23 0.09 0.00	38.37 -0.11 0.00	36.36 -0.15 0.00	34.10 -0.19 0.00	34.39 -0.26 0.00	37.75 -0.28 0.00	44.13 -0.26 0.00	42.19 -0.28 0.00	42.39 0.07 0.00	46.53 0.41 0.00	50.48 0.35 0.00	171.79 0.94 0.00	44.99 0.23 0.00	42.06 0.36 0.00	45.45 0.42 0.00
INDECK___OLEAN 23982	35.19 -1.31 0.00	34.68 -0.99 0.00	36.60 -0.88 0.00	34.56 -1.07 0.00	34.59 -0.95 0.00	37.39 -0.85 0.00	47.79 -0.44 0.00	47.45 0.04 0.00	34.84 -0.15 0.00	35.48 0.34 0.00	38.87 0.39 0.00	36.84 0.33 0.00	34.33 0.04 0.00	34.35 -0.30 0.00	37.68 -0.35 0.00	43.95 -0.44 0.00	42.61 0.15 0.00	42.21 -0.11 0.00	46.27 0.15 0.00	49.22 -0.86 0.05	165.76 -5.09 0.00	42.66 -2.07 0.04	39.03 -1.56 1.11	43.18 -1.28 0.57
INDECK___OSWEGO 23783	35.25 -1.24 0.00	34.47 -1.20 0.00	36.23 -1.26 0.00	34.41 -1.22 0.00	34.36 -1.19 0.00	37.00 -1.24 0.00	46.78 -1.46 0.00	46.03 -1.37 0.00	33.88 -1.11 0.00	33.97 -1.17 0.00	37.16 -1.32 0.00	35.24 -1.27 0.00	33.10 -1.19 0.00	33.50 -1.15 0.00	36.81 -1.22 0.00	42.92 -1.47 0.00	41.18 -1.28 0.00	41.21 -1.10 0.00	45.14 -0.99 0.00	49.07 -1.15 -0.09	166.69 -4.15 0.00	43.64 -1.12 0.00	40.61 -1.09 0.00	43.86 -1.25 -0.08
INDECK___YERKES 23781	33.85 -2.64 0.00	33.38 -2.29 0.00	35.18 -2.30 0.00	33.26 -2.37 0.00	33.32 -2.23 0.00	36.11 -2.12 0.00	46.29 -1.94 0.00	45.39 -2.02 0.00	33.56 -1.42 0.00	33.90 -1.24 0.00	36.83 -1.65 0.00	35.02 -1.49 0.00	26.90 -1.59 5.80	22.91 -1.69 10.05	27.93 -1.74 8.36	30.25 -2.53 11.62	30.96 -1.67 9.82	35.72 -2.06 4.54	43.92 -2.20 0.00	47.60 -2.47 0.06	163.44 -7.41 0.00	42.94 -1.80 0.02	39.61 -1.47 0.62	42.98 -1.70 0.35
INDIAN POINT_GT_1 24139	38.68 2.18 0.00	37.62 1.95 0.00	39.25 1.77 0.00	37.22 1.60 0.00	37.10 1.55 0.00	39.88 1.65 0.00	50.03 1.80 0.00	49.07 1.66 0.00	36.40 1.41 0.00	36.95 1.81 0.00	45.54 2.56 -4.51	38.26 2.60 0.86	36.64 2.77 0.43	36.60 2.84 0.90	40.54 3.17 0.66	48.17 3.83 0.04	60.91 3.84 -14.61	65.20 3.95 -18.94	49.91 3.79 0.00	53.29 3.16 0.00	178.32 7.48 0.00	46.49 1.73 0.00	43.50 1.80 0.00	47.27 2.24 0.00
INDIAN POINT_GT_2 23659	38.68 2.18 0.00	37.62 1.95 0.00	39.25 1.77 0.00	37.22 1.60 0.00	37.10 1.55 0.00	39.88 1.65 0.00	50.03 1.80 0.00	49.07 1.66 0.00	36.40 1.41 0.00	36.95 1.81 0.00	45.54 2.56 -4.51	38.26 2.60 0.86	36.64 2.77 0.43	36.60 2.84 0.90	40.54 3.17 0.66	48.17 3.83 0.04	60.91 3.84 -14.61	65.20 3.95 -18.94	49.91 3.79 0.00	53.29 3.16 0.00	178.32 7.48 0.00	46.49 1.73 0.00	43.50 1.80 0.00	47.27 2.24 0.00
INDIAN POINT_GT_3 24019	38.68 2.18 0.00	37.62 1.95 0.00	39.25 1.77 0.00	37.22 1.60 0.00	37.10 1.55 0.00	39.88 1.65 0.00	50.03 1.80 0.00	49.07 1.66 0.00	36.40 1.41 0.00	36.95 1.81 0.00	45.54 2.56 -4.51	38.26 2.60 0.86	36.64 2.77 0.43	36.60 2.84 0.90	40.54 3.17 0.66	48.17 3.83 0.04	60.91 3.84 -14.61	65.20 3.95 -18.94	49.91 3.79 0.00	53.29 3.16 0.00	178.32 7.48 0.00	46.49 1.73 0.00	43.50 1.80 0.00	47.27 2.24 0.00
INDIAN POINT___2 23530	38.63 2.14 0.00	37.59 1.92 0.00	39.22 1.73 0.00	37.19 1.57 0.00	37.06 1.52 0.00	39.84 1.61 0.00	49.99 1.76 0.00	49.04 1.63 0.00	36.38 1.39 0.00	36.92 1.78 0.00	47.50 2.52 -6.51	38.63 2.58 0.46	36.82 2.76 0.23	36.99 2.82 0.48	40.83 3.15 0.36	48.17 3.80 0.02	63.23 3.82 -16.95	68.15 3.95 -21.89	49.91 3.79 0.00	53.29 3.16 0.00	178.30 7.46 0.00	46.47 1.70 0.00	43.46 1.76 0.00	47.22 2.18 0.00
INDIAN POINT___3 23531	38.63 2.14 0.00	37.58 1.91 0.00	39.22 1.73 0.00	37.21 1.59 0.00	37.07 1.52 0.00	39.85 1.61 0.00	49.99 1.76 0.00	49.02 1.61 0.00	36.37 1.38 0.00	36.91 1.77 0.00	45.67 2.50 -4.69	38.06 2.55 1.00	36.52 2.73 0.50	36.40 2.80 1.05	40.37 3.12 0.78	48.11 3.76 0.05	61.05 3.77 -14.81	65.42 3.88 -19.21	49.85 3.73 0.00	53.22 3.09 0.00	178.15 7.30 0.00	46.45 1.68 0.00	43.46 1.76 0.00	47.22 2.19 0.00
INDIANHD_69_KV_BK1 55831	39.78 3.29 0.00	38.73 3.06 0.00	40.15 2.66 0.00	38.05 2.43 0.00	37.94 2.39 0.00	40.65 2.42 0.00	50.87 2.63 0.00	49.95 2.55 0.00	36.73 1.74 0.00	37.53 2.39 0.00	46.41 3.64 -4.30	42.68 3.57 -2.59	55.30 3.93 -17.08	55.46 4.00 -16.81	53.69 4.32 -11.34	51.76 5.40 -1.97	59.03 4.95 -11.62	57.84 5.11 -10.42	50.39 4.26 0.00	53.30 3.17 0.00	177.99 7.15 0.00	46.50 1.74 0.00	43.66 1.96 0.00	48.06 3.03 0.00
INGHAM_C_115KV_TB7 356103	37.66 1.17 0.00	36.64 0.97 0.00	38.38 0.89 0.00	36.51 0.89 0.00	36.51 0.96 0.00	39.28 1.05 0.00	49.55 1.31 0.00	48.50 1.09 0.00	35.31 0.33 0.00	35.27 0.13 0.00	38.13 -0.34 0.00	36.08 -0.43 0.00	33.75 -0.54 0.00	33.93 -0.73 0.00	37.23 -0.80 0.00	43.60 -0.79 0.00	41.57 -0.90 0.00	42.15 -0.17 0.00	46.72 0.60 0.00	50.73 0.59 0.00	172.66 1.82 0.00	45.21 0.44 0.00	42.39 0.69 0.00	45.86 0.82 0.00

IP CORINTH___1 23988	38.00 1.51 0.00	37.05 1.38 0.00	38.89 1.40 0.00	36.98 1.35 0.00	36.90 1.36 0.00	39.66 1.42 0.00	50.23 2.00 0.00	49.30 1.89 0.00	36.13 1.14 0.00	35.98 0.84 0.00	39.15 0.67 0.00	37.23 0.72 0.00	34.97 0.67 0.00	35.37 0.71 0.00	38.65 0.61 0.00	45.05 0.66 0.00	43.18 0.72 0.00	43.68 1.37 0.00	47.83 1.71 0.00	51.84 1.71 0.00	176.24 5.39 0.00	46.21 1.45 0.00	43.37 1.67 0.00	46.66 1.62 0.00
IP___TICONDEROGA 23804	39.81 3.32 0.00	38.75 3.08 0.00	40.46 2.97 0.00	38.44 2.81 0.00	38.35 2.80 0.00	41.21 2.97 0.00	52.61 4.38 0.00	51.79 4.38 0.00	37.68 2.69 0.00	37.15 2.00 0.00	39.93 1.45 0.00	38.27 1.76 0.00	36.02 1.73 0.00	36.36 1.71 0.00	39.91 1.88 0.00	46.30 1.91 0.00	44.42 1.96 0.00	45.36 3.04 0.00	49.92 3.80 0.00	54.76 4.63 0.00	186.39 15.54 0.00	49.05 4.28 0.00	46.21 4.51 0.00	49.38 4.35 0.00
ISLIP_RES_REC 323679	39.86 3.37 0.00	38.82 3.15 0.00	40.22 2.74 0.00	38.11 2.49 0.00	38.01 2.46 0.00	40.74 2.50 0.00	50.99 2.76 0.00	50.10 2.69 0.00	36.84 1.85 0.00	37.73 2.59 0.00	46.63 3.85 -4.30	42.88 3.78 -2.59	55.50 4.13 -17.08	55.61 4.15 -16.81	53.78 4.41 -11.34	51.84 5.48 -1.97	71.71 5.10 -24.15	94.63 5.30 -47.02	50.76 4.63 0.00	56.55 3.60 -2.82	179.51 8.66 -0.01	46.92 2.16 0.00	44.05 2.35 0.00	48.45 3.41 0.00
JAMAICA___27_KV_LOAD 355505	39.52 3.03 0.00	38.38 2.71 0.00	39.98 2.50 0.00	37.89 2.27 0.00	37.74 2.19 0.00	40.66 2.42 0.00	50.99 2.76 0.00	49.83 2.42 0.00	37.12 2.13 0.00	37.68 2.54 0.00	46.06 3.25 -4.33	42.46 3.32 -2.62	39.02 3.42 -1.31	40.97 3.58 -2.75	43.91 3.85 -2.03	49.10 4.58 -0.13	59.49 4.57 -12.46	62.60 4.65 -15.64	50.70 4.57 0.00	54.05 3.92 0.00	180.41 9.56 0.00	47.16 2.40 0.00	44.29 2.59 0.00	48.03 2.99 0.00
JANIS___SOLAR 323808	36.90 0.41 0.00	36.05 0.38 0.00	37.90 0.41 0.00	36.02 0.39 0.00	36.08 0.53 0.00	39.04 0.80 0.00	49.68 1.44 0.00	49.08 1.67 0.00	35.79 0.80 0.00	35.42 0.28 0.00	38.58 0.10 0.00	36.30 -0.21 0.00	35.63 -0.31 -1.64	36.82 -0.59 -2.76	39.77 -0.51 -2.25	47.04 -0.48 -3.13	44.91 -0.20 -2.65	43.99 0.43 -1.24	47.71 1.58 0.00	52.11 1.99 0.01	177.60 6.76 0.00	46.37 1.59 -0.01	43.29 1.37 -0.22	46.29 1.16 -0.09
JARVIS____ 23743	36.63 0.13 0.00	35.78 0.11 0.00	37.60 0.11 0.00	35.74 0.11 0.00	35.65 0.11 0.00	38.35 0.12 0.00	48.34 0.11 0.00	47.51 0.10 0.00	35.05 0.06 0.00	35.19 0.04 0.00	38.52 0.04 0.00	36.55 0.04 0.00	34.33 0.04 0.00	34.69 0.03 0.00	38.07 0.04 0.00	44.47 0.08 0.00	42.55 0.09 0.00	42.49 0.17 0.00	46.35 0.22 0.00	50.25 0.12 0.00	171.02 0.17 0.00	44.80 0.04 0.00	41.78 0.08 0.00	45.13 0.09 0.00
JENNISON___1 23625	36.26 -0.23 0.00	35.46 -0.21 0.00	37.69 0.20 0.00	35.75 0.12 0.00	35.79 0.25 0.00	38.85 0.61 0.00	49.43 1.19 0.00	48.82 1.41 0.00	35.79 0.80 0.00	35.57 0.43 0.00	38.88 0.40 0.00	36.77 0.26 0.00	35.32 0.08 -0.95	36.04 -0.20 -1.59	39.29 -0.04 -1.30	46.26 0.06 -1.80	44.42 0.43 -1.53	43.99 0.96 -0.72	47.69 1.57 0.00	51.56 1.44 0.01	176.58 5.73 0.00	46.39 1.62 0.00	43.13 1.43 0.00	46.23 1.21 0.01
JENNISON___2 23626	36.26 -0.23 0.00	35.46 -0.21 0.00	37.69 0.20 0.00	35.75 0.12 0.00	35.79 0.25 0.00	38.85 0.61 0.00	49.43 1.19 0.00	48.82 1.41 0.00	35.79 0.80 0.00	35.57 0.43 0.00	38.88 0.40 0.00	36.77 0.26 0.00	35.32 0.08 -0.95	36.04 -0.20 -1.59	39.29 -0.04 -1.30	46.26 0.06 -1.80	44.42 0.43 -1.53	43.99 0.96 -0.72	47.69 1.57 0.00	51.56 1.44 0.01	176.58 5.73 0.00	46.39 1.62 0.00	43.13 1.43 0.00	46.23 1.21 0.01
JERICHO_RISE_WT_PWR 323719	35.77 -0.72 0.00	35.00 -0.67 0.00	36.88 -0.60 0.00	35.17 -0.45 0.00	35.02 -0.53 0.00	37.59 -0.65 0.00	47.52 -0.71 0.00	46.69 -0.73 0.00	34.51 -0.48 0.00	34.58 -0.56 0.00	37.75 -0.73 0.00	35.74 -0.77 0.00	33.43 -0.86 0.00	33.83 -0.82 0.00	37.10 -0.93 0.00	43.42 -0.97 0.00	41.62 -0.84 0.00	41.56 -0.75 0.00	45.53 -0.60 0.00	49.96 -0.17 0.00	171.60 0.75 0.00	45.06 0.29 0.00	41.76 0.06 0.00	45.05 0.01 0.00
KATONAH___115KV_46KV_TB4 355592	38.81 2.32 0.00	37.75 2.08 0.00	39.40 1.91 0.00	37.38 1.75 0.00	37.24 1.69 0.00	40.05 1.81 0.00	50.26 2.03 0.00	49.43 2.02 0.00	36.66 1.68 0.00	37.20 2.06 0.00	44.28 2.81 -3.00	39.21 2.87 0.18	37.21 3.01 0.09	37.58 3.11 0.14	41.24 3.35 0.15	48.38 4.00 0.01	56.02 4.05 -9.50	58.71 4.14 -12.26	50.13 4.00 0.00	53.51 3.38 0.00	179.18 8.33 0.00	46.70 1.94 0.00	43.66 1.97 0.00	47.42 2.39 0.00
KCE_NY_1 323755	38.18 1.69 0.00	37.27 1.60 0.00	39.16 1.68 0.00	37.20 1.58 0.00	37.13 1.58 0.00	39.95 1.72 0.00	50.51 2.28 0.00	49.63 2.22 0.00	36.40 1.41 0.00	36.37 1.23 0.00	39.70 1.22 0.00	37.66 1.15 0.00	35.38 1.09 0.00	35.75 1.10 0.00	39.13 1.10 0.00	45.73 1.34 0.00	43.73 1.26 0.00	44.05 1.73 0.00	48.16 2.03 0.00	52.07 1.93 0.00	177.09 6.25 0.00	46.37 1.60 0.00	43.34 1.64 0.00	46.73 1.70 0.00
KCE_NY_6_ESR 323823	33.96 -2.53 0.00	33.50 -2.17 0.00	35.33 -2.15 0.00	33.39 -2.24 0.00	33.47 -2.08 0.00	36.24 -2.00 0.00	46.48 -1.75 0.00	45.67 -1.74 0.00	33.75 -1.24 0.00	34.14 -1.00 0.00	37.08 -1.39 0.00	35.29 -1.22 0.00	25.81 -1.37 7.12	20.84 -1.49 12.32	26.23 -1.55 10.25	27.88 -2.25 14.26	29.02 -1.39 12.06	35.12 -1.57 5.64	44.53 -1.60 0.00	48.24 -1.83 0.06	165.19 -5.66 0.00	43.33 -1.41 0.03	39.82 -1.22 0.66	43.22 -1.45 0.37
KEDC_PORT_JEFF_GT2 24210	39.61 3.11 0.00	38.59 2.92 0.00	39.98 2.50 0.00	37.89 2.26 0.00	37.78 2.23 0.00	40.48 2.24 0.00	50.63 2.40 0.00	49.71 2.30 0.00	36.39 1.40 0.00	37.24 2.10 0.00	46.30 3.52 -4.30	42.56 3.45 -2.59	55.16 3.79 -17.08	55.23 3.77 -16.81	53.38 4.01 -11.34	51.33 4.97 -1.97	66.67 4.55 -19.65	79.84 4.67 -32.85	50.07 3.94 0.00	54.57 2.90 -1.54	177.16 6.31 0.00	46.40 1.64 0.00	43.63 1.93 0.00	48.05 3.02 0.00
KEDC_PORT_JEFF_GT3 24211	39.61 3.11 0.00	38.59 2.92 0.00	39.98 2.50 0.00	37.89 2.26 0.00	37.78 2.23 0.00	40.48 2.24 0.00	50.63 2.40 0.00	49.71 2.30 0.00	36.39 1.40 0.00	37.24 2.10 0.00	46.30 3.52 -4.30	42.56 3.45 -2.59	55.16 3.79 -17.08	55.23 3.77 -16.81	53.38 4.01 -11.34	51.33 4.97 -1.97	66.67 4.55 -19.65	79.84 4.67 -32.85	50.07 3.94 0.00	54.57 2.90 -1.54	177.16 6.31 0.00	46.40 1.64 0.00	43.63 1.93 0.00	48.05 3.02 0.00
KEDC_GLWD_GT4 24219	39.27 2.78 0.00	38.19 2.52 0.00	39.76 2.28 0.00	37.70 2.08 0.00	37.58 2.03 0.00	40.36 2.12 0.00	50.55 2.32 0.00	49.59 2.18 0.00	36.55 1.56 0.00	37.21 2.07 0.00	46.04 3.27 -4.30	42.20 3.09 -2.59	54.66 3.28 -17.08	54.79 3.33 -16.81	53.12 3.75 -11.34	50.91 4.55 -1.97	59.24 4.41 -12.37	62.37 4.52 -15.53	50.30 4.17 0.00	53.53 3.40 0.00	179.06 8.22 0.00	46.66 1.89 0.00	43.67 1.97 0.00	47.92 2.89 0.00

KEDC_GLWD_GT5 24220	39.27 2.78 0.00	38.19 2.52 0.00	39.76 2.28 0.00	37.70 2.08 0.00	37.58 2.03 0.00	40.36 2.12 0.00	50.55 2.32 0.00	49.59 2.18 0.00	36.55 1.56 0.00	37.21 2.07 0.00	46.04 3.27 -4.30	42.20 3.09 -2.59	54.66 3.28 -17.08	54.79 3.33 -16.81	53.12 3.75 -11.34	50.91 4.55 -1.97	59.24 4.41 -12.37	62.37 4.52 -15.53	50.30 4.17 0.00	53.53 3.40 0.00	179.06 8.22 0.00	46.66 1.89 0.00	43.67 1.97 0.00	47.92 2.89 0.00
KENSICO____ 23655	38.84 2.35 0.00	37.78 2.11 0.00	39.41 1.93 0.00	37.38 1.75 0.00	37.25 1.70 0.00	40.05 1.81 0.00	50.22 1.99 0.00	49.24 1.83 0.00	36.54 1.55 0.00	37.12 1.98 0.00	45.91 2.76 -4.67	42.45 2.80 -3.14	38.81 2.95 -1.56	40.97 3.03 -3.29	43.84 3.37 -2.44	48.59 4.05 -0.16	59.68 4.02 -13.19	62.96 4.14 -16.50	50.08 3.96 0.00	53.42 3.29 0.00	178.82 7.97 0.00	46.61 1.84 0.00	43.62 1.92 0.00	47.42 2.39 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	38.78 2.29 0.00	37.73 2.06 0.00	39.34 1.86 0.00	37.33 1.71 0.00	37.23 1.68 0.00	40.03 1.79 0.00	50.33 2.10 0.00	49.43 2.02 0.00	36.59 1.60 0.00	37.03 1.89 0.00	40.14 2.51 0.85	39.01 2.50 0.00	34.98 2.62 1.93	30.85 2.68 6.49	36.49 3.12 4.66	48.25 3.85 0.00	49.96 4.12 -3.38	50.85 4.17 -4.36	50.38 4.26 0.00	53.89 3.76 0.00	180.76 9.91 0.00	47.05 2.29 0.00	43.88 2.18 0.00	47.49 2.46 0.00
KIAC_JFK_GT1 23816	39.16 2.66 0.00	38.03 2.36 0.00	39.62 2.14 0.00	37.55 1.92 0.00	37.39 1.84 0.00	40.29 2.05 0.00	50.49 2.26 0.00	49.34 1.93 0.00	36.76 1.76 0.00	37.32 2.18 0.00	45.67 2.86 -4.33	42.09 2.95 -2.62	38.67 3.07 -1.31	40.65 3.25 -2.75	43.51 3.45 -2.03	48.63 4.11 -0.13	59.03 4.11 -12.46	62.14 4.19 -15.64	50.18 4.06 0.00	53.48 3.35 0.00	178.50 7.65 0.00	46.67 1.91 0.00	43.83 2.13 0.00	47.55 2.52 0.00
KIAC_JFK_GT2 23817	39.16 2.66 0.00	38.03 2.36 0.00	39.62 2.14 0.00	37.55 1.92 0.00	37.39 1.84 0.00	40.29 2.05 0.00	50.49 2.26 0.00	49.34 1.93 0.00	36.76 1.76 0.00	37.32 2.18 0.00	45.67 2.86 -4.33	42.09 2.95 -2.62	38.67 3.07 -1.31	40.65 3.25 -2.75	43.51 3.45 -2.03	48.63 4.11 -0.13	59.03 4.11 -12.46	62.14 4.19 -15.64	50.18 4.06 0.00	53.48 3.35 0.00	178.50 7.65 0.00	46.67 1.91 0.00	43.83 2.13 0.00	47.55 2.52 0.00
KIAC_JFK____ 323774	39.15 2.66 0.00	38.04 2.37 0.00	39.62 2.13 0.00	37.55 1.92 0.00	37.39 1.84 0.00	40.29 2.05 0.00	50.49 2.26 0.00	49.34 1.93 0.00	36.76 1.77 0.00	37.32 2.18 0.00	45.66 2.85 -4.33	42.09 2.95 -2.62	38.67 3.07 -1.31	40.65 3.25 -2.75	43.51 3.45 -2.03	48.62 4.10 -0.13	59.03 4.10 -12.46	62.15 4.19 -15.64	50.19 4.06 0.00	53.48 3.35 0.00	178.50 7.65 0.00	46.67 1.91 0.00	43.83 2.13 0.00	47.55 2.51 0.00
KINTIGH__24_KV_GSU 356498	33.94 -2.55 0.00	33.41 -2.26 0.00	35.23 -2.25 0.00	33.33 -2.29 0.00	33.37 -2.17 0.00	36.12 -2.12 0.00	46.14 -2.10 0.00	45.22 -2.19 0.00	33.41 -1.58 0.00	33.71 -1.43 0.00	36.68 -1.80 0.00	34.87 -1.65 0.00	29.14 -1.76 3.39	26.87 -1.89 5.89	31.09 -2.03 4.91	34.82 -2.76 6.81	34.69 -2.02 5.76	37.48 -2.13 2.70	43.91 -2.22 0.00	47.58 -2.48 0.07	163.29 -7.56 0.00	42.84 -1.91 0.02	39.47 -1.71 0.53	42.76 -1.96 0.31
KINTIGH____ 23543	33.93 -2.56 0.00	33.39 -2.28 0.00	35.20 -2.28 0.00	33.31 -2.32 0.00	33.35 -2.20 0.00	36.08 -2.16 0.00	46.08 -2.16 0.00	45.20 -2.21 0.00	33.40 -1.59 0.00	33.69 -1.45 0.00	36.64 -1.83 0.00	34.83 -1.68 0.00	29.09 -1.81 3.39	26.81 -1.96 5.89	31.03 -2.10 4.91	34.72 -2.85 6.81	34.62 -2.09 5.76	37.45 -2.17 2.70	43.87 -2.25 0.00	47.55 -2.51 0.07	163.20 -7.65 0.00	42.82 -1.94 0.00	39.97 -1.73 0.00	42.99 -1.98 0.06
KNTFSRNC_46_KV_46KV_LOAD 80397	36.18 -0.32 0.00	35.39 -0.28 0.00	37.32 -0.17 0.00	35.60 -0.03 0.00	35.46 -0.09 0.00	38.05 -0.19 0.00	48.23 -0.01 0.00	47.36 -0.05 0.00	34.91 -0.08 0.00	34.92 -0.22 0.00	38.07 -0.41 0.00	36.02 -0.49 0.00	33.74 -0.55 0.00	34.08 -0.57 0.00	37.41 -0.62 0.00	43.81 -0.58 0.00	42.13 -0.33 0.00	42.15 -0.17 0.00	46.21 0.09 0.00	50.65 0.52 0.00	173.92 3.08 0.00	45.71 0.94 0.00	42.36 0.66 0.00	45.65 0.61 0.00
LACHUTE__HYDRO 323717	39.81 3.32 0.00	38.75 3.08 0.00	40.46 2.97 0.00	38.44 2.81 0.00	38.35 2.80 0.00	41.21 2.97 0.00	52.61 4.38 0.00	51.79 4.38 0.00	37.68 2.69 0.00	37.14 2.00 0.00	39.92 1.45 0.00	38.27 1.76 0.00	36.02 1.73 0.00	36.36 1.71 0.00	39.91 1.88 0.00	46.29 1.90 0.00	44.42 1.95 0.00	45.36 3.05 0.00	49.92 3.80 0.00	54.77 4.63 0.00	186.39 15.54 0.00	49.05 4.28 0.00	46.21 4.51 0.00	49.38 4.35 0.00
LAWRNCV_115KV_TB1 80681	36.47 -0.03 0.00	35.73 0.05 0.00	37.67 0.19 0.00	35.86 0.23 0.00	35.65 0.11 0.00	38.39 0.15 0.00	48.62 0.39 0.00	47.76 0.35 0.00	35.16 0.17 0.00	35.13 -0.01 0.00	38.28 -0.20 0.00	36.20 -0.31 0.00	33.79 -0.50 0.00	34.30 -0.35 0.00	37.29 -0.74 0.00	43.25 -1.14 0.00	41.13 -1.33 0.00	40.92 -1.40 0.00	44.96 -1.16 0.00	49.58 -0.55 0.00	171.31 0.46 0.00	45.02 0.26 0.00	41.89 0.19 0.00	45.35 0.32 0.00
LEDERLE____ 23769	38.80 2.31 0.00	37.75 2.08 0.00	39.40 1.91 0.00	37.36 1.73 0.00	37.23 1.68 0.00	40.03 1.79 0.00	50.26 2.02 0.00	49.34 1.93 0.00	36.58 1.60 0.00	37.14 2.00 0.00	34.78 2.78 6.47	38.71 2.83 0.64	37.00 3.03 0.32	37.08 3.10 0.67	40.99 3.46 0.49	48.56 4.20 0.03	71.52 4.25 -24.80	78.72 4.37 -32.03	50.37 4.25 0.00	53.78 3.65 0.00	179.87 9.02 0.00	46.83 2.07 0.00	43.75 2.05 0.00	47.49 2.45 0.00
LIGHTHSE_115KV_TB6 355974	35.73 -0.77 0.00	34.93 -0.74 0.00	36.77 -0.72 0.00	34.95 -0.67 0.00	34.84 -0.71 0.00	37.55 -0.69 0.00	47.71 -0.52 0.00	46.99 -0.42 0.00	34.38 -0.60 0.00	34.26 -0.88 0.00	37.44 -1.04 0.00	35.38 -1.13 0.00	33.18 -1.11 0.00	33.52 -1.13 0.00	36.82 -1.21 0.00	42.83 -1.56 0.00	41.09 -1.37 0.00	41.29 -1.03 0.00	45.67 -0.45 0.00	49.81 -0.33 -0.02	170.05 -0.80 0.00	44.57 -0.20 0.00	41.35 -0.35 0.00	44.52 -0.52 -0.01
LINDEN COGEN____ 23786	38.98 2.49 0.00	37.88 2.21 0.00	39.45 1.97 0.00	37.42 1.79 0.00	37.28 1.74 0.00	40.11 1.87 0.00	50.21 1.98 0.00	49.19 1.78 0.00	36.55 1.57 0.00	37.18 2.05 0.00	45.69 2.88 -4.33	42.07 2.93 -2.62	38.70 3.11 -1.31	40.59 3.19 -2.75	43.60 3.54 -2.03	48.75 4.23 -0.13	59.13 4.21 -12.46	62.28 4.32 -15.64	50.26 4.13 0.00	53.59 3.45 0.00	178.84 7.99 0.00	46.69 1.93 0.00	43.75 2.05 0.00	47.54 2.50 0.00
LINDHRST_69_KV_BK1 356055	39.75 3.25 0.00	38.68 3.02 0.00	40.18 2.70 0.00	38.07 2.44 0.00	37.95 2.40 0.00	40.72 2.48 0.00	50.93 2.70 0.00	50.03 2.62 0.00	36.96 1.97 0.00	37.63 2.49 0.00	46.38 3.60 -4.30	42.69 3.59 -2.59	55.23 3.86 -17.08	55.46 4.00 -16.81	53.74 4.37 -11.34	51.73 5.36 -1.97	67.79 5.07 -20.25	86.03 5.29 -38.42	50.87 4.74 0.00	56.01 3.81 -2.07	180.48 9.63 -0.01	47.09 2.33 0.00	44.13 2.43 0.00	48.44 3.41 0.00

LIPA_MISC_IPP 23656	39.53 3.04 0.00	38.55 2.88 0.00	39.87 2.38 0.00	37.77 2.15 0.00	37.67 2.12 0.00	40.37 2.14 0.00	50.52 2.28 0.00	49.56 2.16 0.00	36.42 1.43 0.00	37.45 2.31 0.00	46.35 3.57 -4.30	42.47 3.37 -2.59	55.10 3.72 -17.08	54.95 3.49 -16.81	53.03 3.66 -11.34	50.90 4.54 -1.97	66.79 4.19 -20.13	80.33 4.43 -33.58	49.87 3.75 0.00	54.40 2.71 -1.55	176.46 5.61 0.00	46.22 1.45 0.00	43.44 1.74 0.00	47.93 2.90 0.00
LISF___SOLAR 323691	39.62 3.13 0.00	38.65 2.98 0.00	39.95 2.47 0.00	37.85 2.22 0.00	37.76 2.21 0.00	40.47 2.24 0.00	50.66 2.42 0.00	49.72 2.31 0.00	36.53 1.54 0.00	37.57 2.43 0.00	46.46 3.68 -4.30	42.53 3.43 -2.59	55.15 3.78 -17.08	55.01 3.55 -16.81	53.09 3.72 -11.34	50.95 4.59 -1.97	67.12 4.27 -20.38	81.36 4.54 -34.50	50.01 3.88 0.00	54.65 2.88 -1.64	176.96 6.12 0.00	46.34 1.58 0.00	43.54 1.84 0.00	48.05 3.01 0.00
LITTLE FALLS___HYD 24013	37.66 1.17 0.00	36.64 0.97 0.00	38.38 0.89 0.00	36.51 0.89 0.00	36.51 0.96 0.00	39.28 1.05 0.00	49.55 1.31 0.00	48.50 1.09 0.00	35.31 0.33 0.00	35.27 0.13 0.00	38.13 -0.34 0.00	36.08 -0.43 0.00	33.75 -0.54 0.00	33.93 -0.73 0.00	37.23 -0.80 0.00	43.60 -0.79 0.00	41.57 -0.90 0.00	42.15 -0.17 0.00	46.72 0.60 0.00	50.73 0.59 0.00	172.66 1.82 0.00	45.21 0.44 0.00	42.39 0.69 0.00	45.86 0.82 0.00
LITTLRIV_115KV_TB1 356100	36.96 0.47 0.00	36.21 0.54 0.00	38.19 0.71 0.00	36.35 0.73 0.00	36.14 0.59 0.00	38.93 0.69 0.00	49.39 1.16 0.00	48.43 1.02 0.00	35.49 0.51 0.00	35.45 0.31 0.00	38.56 0.09 0.00	36.45 -0.06 0.00	33.92 -0.37 0.00	34.68 0.03 0.00	37.50 -0.54 0.00	43.67 -0.72 0.00	41.40 -1.06 0.00	41.27 -1.04 0.00	45.49 -0.63 0.00	50.33 0.19 0.00	173.95 3.10 0.00	45.68 0.92 0.00	42.44 0.74 0.00	45.95 0.92 0.00
LI_NEWBRDGE___DRP 323616	39.09 2.60 0.00	38.03 2.36 0.00	39.54 2.06 0.00	37.50 1.87 0.00	37.38 1.83 0.00	40.09 1.86 0.00	50.14 1.91 0.00	49.19 1.78 0.00	36.36 1.38 0.00	37.05 1.91 0.00	45.71 2.93 -4.30	42.06 2.96 -2.59	54.50 3.12 -17.08	54.66 3.20 -16.81	52.89 3.52 -11.34	50.67 4.31 -1.97	58.87 4.04 -12.37	62.04 4.19 -15.53	49.83 3.71 0.00	52.95 2.81 0.00	177.04 6.19 0.00	46.22 1.46 0.00	43.35 1.65 0.00	47.57 2.53 0.00
LOCKPORT_115KV_TB60_63_64 80432	33.54 -2.95 0.00	33.03 -2.64 0.00	34.83 -2.65 0.00	32.93 -2.69 0.00	33.01 -2.54 0.00	35.77 -2.47 0.00	45.85 -2.38 0.00	44.91 -2.50 0.00	33.22 -1.77 0.00	33.48 -1.66 0.00	36.31 -2.16 0.00	34.53 -1.98 0.00	27.28 -2.00 5.02	23.88 -2.08 8.70	28.61 -2.19 7.24	31.31 -3.02 10.06	31.82 -2.14 8.51	35.96 -2.39 3.97	43.54 -2.58 0.00	47.24 -2.83 0.06	162.34 -8.50 0.00	42.70 -2.06 0.00	39.83 -1.87 0.00	42.83 -2.15 0.06
LOCKPORT___CC1 323769	33.52 -2.97 0.00	33.03 -2.64 0.00	34.83 -2.66 0.00	32.94 -2.69 0.00	33.01 -2.54 0.00	35.77 -2.47 0.00	45.84 -2.39 0.00	44.88 -2.53 0.00	33.19 -1.80 0.00	33.48 -1.66 0.00	36.32 -2.16 0.00	34.54 -1.97 0.00	26.92 -1.99 5.37	23.27 -2.07 9.31	28.09 -2.19 7.75	30.61 -3.02 10.76	31.21 -2.15 9.10	35.64 -2.43 4.25	43.52 -2.60 0.00	47.21 -2.86 0.06	162.23 -8.61 0.00	42.65 -2.09 0.02	39.25 -1.88 0.56	42.56 -2.15 0.32
LOCKPORT___CC2 323770	33.52 -2.97 0.00	33.03 -2.64 0.00	34.83 -2.66 0.00	32.94 -2.69 0.00	33.01 -2.54 0.00	35.77 -2.47 0.00	45.84 -2.39 0.00	44.88 -2.53 0.00	33.19 -1.80 0.00	33.48 -1.66 0.00	36.32 -2.16 0.00	34.54 -1.97 0.00	26.92 -1.99 5.37	23.27 -2.07 9.31	28.09 -2.19 7.75	30.61 -3.02 10.76	31.21 -2.15 9.10	35.64 -2.43 4.25	43.52 -2.60 0.00	47.21 -2.86 0.06	162.23 -8.61 0.00	42.65 -2.09 0.02	39.25 -1.88 0.56	42.56 -2.15 0.32
LOCKPORT___CC3 323771	33.52 -2.97 0.00	33.03 -2.64 0.00	34.83 -2.66 0.00	32.94 -2.69 0.00	33.01 -2.54 0.00	35.77 -2.47 0.00	45.84 -2.39 0.00	44.88 -2.53 0.00	33.19 -1.80 0.00	33.48 -1.66 0.00	36.32 -2.16 0.00	34.54 -1.97 0.00	26.92 -1.99 5.37	23.27 -2.07 9.31	28.09 -2.19 7.75	30.61 -3.02 10.76	31.21 -2.15 9.10	35.64 -2.43 4.25	43.52 -2.60 0.00	47.21 -2.86 0.06	162.23 -8.61 0.00	42.65 -2.09 0.02	39.25 -1.88 0.56	42.56 -2.15 0.32
LOCUSVLY_69_KV_BK2 55797	39.43 2.94 0.00	38.34 2.67 0.00	39.88 2.40 0.00	37.81 2.19 0.00	37.70 2.15 0.00	40.46 2.23 0.00	50.65 2.42 0.00	49.73 2.32 0.00	36.76 1.77 0.00	37.42 2.28 0.00	46.23 3.45 -4.30	42.48 3.38 -2.59	54.93 3.56 -17.08	55.07 3.62 -16.81	53.43 4.06 -11.34	51.30 4.94 -1.97	59.07 4.73 -11.87	62.32 4.84 -15.16	50.55 4.43 0.00	53.77 3.63 0.00	179.88 9.03 0.00	46.86 2.10 0.00	43.87 2.17 0.00	48.13 3.10 0.00
LONG_LAKE_PHOENIX 24014	35.41 -1.08 0.00	34.63 -1.04 0.00	36.38 -1.10 0.00	34.55 -1.08 0.00	34.50 -1.05 0.00	37.17 -1.06 0.00	47.00 -1.24 0.00	46.27 -1.14 0.00	34.07 -0.92 0.00	34.17 -0.97 0.00	37.33 -1.15 0.00	35.42 -1.09 0.00	33.26 -1.03 0.00	33.61 -1.04 0.00	36.93 -1.09 0.00	43.07 -1.33 0.00	41.35 -1.12 0.00	41.37 -0.95 0.00	45.32 -0.80 0.00	49.21 -0.97 -0.05	167.20 -3.65 0.00	43.75 -1.02 0.00	40.72 -0.98 0.00	43.93 -1.15 -0.04
LOVETT___3 23632	38.58 2.08 0.00	37.54 1.87 0.00	39.18 1.69 0.00	37.15 1.52 0.00	37.02 1.48 0.00	39.81 1.57 0.00	49.93 1.70 0.00	48.98 1.57 0.00	36.32 1.34 0.00	36.87 1.73 0.00	34.04 2.46 6.90	38.31 2.52 0.73	36.65 2.72 0.36	36.67 2.78 0.76	40.56 3.10 0.56	48.10 3.74 0.04	66.64 3.77 -20.40	72.57 3.88 -26.37	49.86 3.73 0.00	53.24 3.10 0.00	178.14 7.29 0.00	46.43 1.66 0.00	43.41 1.72 0.00	47.17 2.14 0.00
LOVETT___4 23642	38.58 2.08 0.00	37.54 1.87 0.00	39.18 1.69 0.00	37.15 1.52 0.00	37.02 1.48 0.00	39.81 1.57 0.00	49.93 1.70 0.00	48.98 1.57 0.00	36.32 1.34 0.00	36.87 1.73 0.00	34.04 2.46 6.90	38.31 2.52 0.73	36.65 2.72 0.36	36.67 2.78 0.76	40.56 3.10 0.56	48.10 3.74 0.04	66.64 3.77 -20.40	72.57 3.88 -26.37	49.86 3.73 0.00	53.24 3.10 0.00	178.14 7.29 0.00	46.43 1.66 0.00	43.41 1.72 0.00	47.17 2.14 0.00
LOVETT___5 23593	38.58 2.08 0.00	37.54 1.87 0.00	39.18 1.69 0.00	37.15 1.52 0.00	37.02 1.48 0.00	39.81 1.57 0.00	49.93 1.70 0.00	48.98 1.57 0.00	36.32 1.34 0.00	36.87 1.73 0.00	34.04 2.46 6.90	38.31 2.52 0.73	36.65 2.72 0.36	36.67 2.78 0.76	40.56 3.10 0.56	48.10 3.74 0.04	66.64 3.77 -20.40	72.57 3.88 -26.37	49.86 3.73 0.00	53.24 3.10 0.00	178.14 7.29 0.00	46.43 1.66 0.00	43.41 1.72 0.00	47.17 2.14 0.00
LOWER RAQUET___HYD 24057	36.47 -0.03 0.00	35.72 0.05 0.00	37.68 0.19 0.00	35.87 0.24 0.00	35.65 0.11 0.00	38.39 0.16 0.00	48.66 0.43 0.00	47.79 0.38 0.00	35.14 0.16 0.00	35.09 -0.05 0.00	38.23 -0.25 0.00	36.12 -0.39 0.00	33.70 -0.59 0.00	34.24 -0.41 0.00	37.16 -0.86 0.00	43.04 -1.35 0.00	40.90 -1.56 0.00	40.68 -1.64 0.00	44.76 -1.36 0.00	49.40 -0.73 0.00	170.88 0.03 0.00	44.96 0.19 0.00	41.86 0.16 0.00	45.37 0.33 0.00

LOWER___HUDSON 24059	37.82 1.33 0.00	36.95 1.28 0.00	38.79 1.30 0.00	36.89 1.26 0.00	36.80 1.25 0.00	39.57 1.33 0.00	49.89 1.66 0.00	49.03 1.62 0.00	36.11 1.12 0.00	36.10 0.96 0.00	39.92 0.88 -0.57	37.37 0.86 0.00	35.16 0.87 0.00	35.53 0.88 0.00	38.87 0.84 0.00	45.40 1.01 0.00	43.25 0.78 0.00	43.38 1.06 0.00	47.23 1.11 0.00	51.04 0.90 0.00	173.87 3.03 0.00	45.61 0.85 0.00	42.69 0.99 0.00	46.10 1.06 0.00
LOWVILLE_115KV_TB2 356335	36.29 -0.20 0.00	35.45 -0.22 0.00	37.53 0.04 0.00	35.78 0.15 0.00	35.54 -0.01 0.00	38.36 0.12 0.00	48.96 0.73 0.00	48.24 0.83 0.00	35.04 0.05 0.00	34.68 -0.46 0.00	37.79 -0.69 0.00	35.45 -1.06 0.00	33.07 -1.22 0.00	33.52 -1.13 0.00	36.76 -1.27 0.00	42.65 -1.74 0.00	41.05 -1.41 0.00	41.44 -0.88 0.00	46.27 0.14 0.00	50.92 0.79 0.00	175.37 4.52 0.00	45.79 1.03 0.00	42.47 0.77 0.00	45.71 0.67 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	38.16 1.67 0.00	37.26 1.59 0.00	39.12 1.64 0.00	37.19 1.56 0.00	37.11 1.56 0.00	39.93 1.69 0.00	50.44 2.21 0.00	49.54 2.13 0.00	36.36 1.38 0.00	36.33 1.19 0.00	39.63 1.16 0.00	37.61 1.10 0.00	35.34 1.05 0.00	35.73 1.07 0.00	39.09 1.06 0.00	45.66 1.27 0.00	43.67 1.21 0.00	43.97 1.66 0.00	48.07 1.95 0.00	52.01 1.88 0.00	176.91 6.06 0.00	46.33 1.56 0.00	43.33 1.63 0.00	46.71 1.68 0.00
LUTHERNY_35_KV_BK2 355980	38.19 1.69 0.00	37.27 1.60 0.00	39.16 1.67 0.00	37.21 1.58 0.00	37.12 1.58 0.00	39.95 1.72 0.00	50.51 2.28 0.00	49.63 2.22 0.00	36.40 1.41 0.00	36.37 1.23 0.00	39.70 1.22 0.00	37.66 1.15 0.00	35.38 1.09 0.00	35.76 1.10 0.00	39.13 1.10 0.00	45.73 1.34 0.00	43.73 1.26 0.00	44.05 1.73 0.00	48.16 2.04 0.00	52.07 1.94 0.00	177.10 6.25 0.00	46.37 1.61 0.00	43.34 1.64 0.00	46.73 1.70 0.00
LWR___OSWEGATCHIE_HYD 23850	36.38 -0.11 0.00	35.59 -0.08 0.00	37.59 0.10 0.00	35.82 0.19 0.00	35.59 0.04 0.00	38.37 0.13 0.00	48.85 0.61 0.00	48.06 0.65 0.00	35.08 0.09 0.00	34.83 -0.31 0.00	37.94 -0.54 0.00	35.72 -0.79 0.00	33.34 -0.95 0.00	33.82 -0.83 0.00	36.88 -1.15 0.00	42.74 -1.65 0.00	40.87 -1.60 0.00	40.98 -1.34 0.00	45.50 -0.62 0.00	50.17 0.03 0.00	173.12 2.27 0.00	45.37 0.61 0.00	42.16 0.46 0.00	45.52 0.49 0.00
LYONS_FALL_HYD 23570	36.66 0.17 0.00	35.81 0.14 0.00	37.80 0.31 0.00	35.98 0.35 0.00	35.81 0.26 0.00	38.62 0.38 0.00	49.15 0.92 0.00	48.36 0.95 0.00	35.31 0.32 0.00	35.09 -0.05 0.00	38.28 -0.19 0.00	36.04 -0.47 0.00	33.71 -0.58 0.00	34.11 -0.54 0.00	37.45 -0.58 0.00	43.54 -0.85 0.00	41.86 -0.61 0.00	42.15 -0.17 0.00	46.77 0.65 0.00	51.16 1.03 0.00	175.32 4.47 0.00	45.79 1.03 0.00	42.52 0.82 0.00	45.79 0.76 0.00
MADISON___COUNTY_LFGE 323628	37.16 0.67 0.00	36.32 0.65 0.00	38.16 0.68 0.00	36.27 0.64 0.00	36.21 0.66 0.00	39.03 0.79 0.00	49.47 1.24 0.00	48.66 1.25 0.00	35.75 0.76 0.00	35.67 0.53 0.00	38.94 0.47 0.00	36.87 0.36 0.00	34.56 0.27 0.00	34.87 0.22 0.00	38.35 0.32 0.00	44.71 0.32 0.00	42.90 0.43 0.00	43.09 0.77 0.00	47.55 1.43 0.00	51.65 1.53 0.01	175.74 4.90 0.00	45.88 1.12 0.00	42.67 0.97 0.00	45.96 0.94 0.01
MALONE___115KV_TB1 356076	36.13 -0.36 0.00	35.38 -0.29 0.00	37.29 -0.20 0.00	35.55 -0.08 0.00	35.38 -0.17 0.00	38.00 -0.24 0.00	48.08 -0.15 0.00	47.26 -0.15 0.00	34.95 -0.04 0.00	35.01 -0.13 0.00	38.09 -0.39 0.00	36.03 -0.48 0.00	33.72 -0.57 0.00	34.19 -0.46 0.00	37.44 -0.58 0.00	43.76 -0.63 0.00	41.93 -0.53 0.00	42.01 -0.30 0.00	46.11 -0.02 0.00	50.61 0.48 0.00	173.83 2.99 0.00	45.60 0.84 0.00	42.18 0.48 0.00	45.42 0.39 0.00
MAPLEWOD_115KV_TB3 80458	37.73 1.23 0.00	36.88 1.21 0.00	38.74 1.26 0.00	36.83 1.21 0.00	36.76 1.22 0.00	39.54 1.30 0.00	49.76 1.52 0.00	48.91 1.50 0.00	36.07 1.08 0.00	36.15 1.01 0.00	40.04 0.98 -0.58	37.46 0.95 0.00	35.23 0.94 0.00	35.59 0.94 0.00	38.95 0.92 0.00	45.52 1.13 0.00	43.46 0.99 0.00	43.55 1.23 0.00	47.38 1.26 0.00	51.14 1.00 0.00	173.76 2.92 0.00	45.53 0.77 0.00	42.55 0.85 0.00	45.97 0.94 0.00
MAPLE_RIDGE_WT_1 323574	35.77 -0.72 0.00	35.00 -0.67 0.00	36.95 -0.54 0.00	35.25 -0.38 0.00	35.06 -0.48 0.00	37.64 -0.60 0.00	47.61 -0.62 0.00	46.88 -0.53 0.00	34.54 -0.45 0.00	34.60 -0.54 0.00	37.92 -0.55 0.00	35.82 -0.69 0.00	33.49 -0.80 0.00	33.84 -0.81 0.00	37.16 -0.87 0.00	43.43 -0.96 0.00	41.65 -0.82 0.00	41.56 -0.76 0.00	45.45 -0.68 0.00	49.64 -0.49 0.00	169.85 -1.00 0.00	44.51 -0.25 0.00	41.46 -0.24 0.00	44.74 -0.29 0.00
MAPLE_RIDGE_WT_2 323611	35.77 -0.72 0.00	35.00 -0.67 0.00	36.95 -0.54 0.00	35.25 -0.38 0.00	35.06 -0.48 0.00	37.64 -0.60 0.00	47.61 -0.62 0.00	46.88 -0.53 0.00	34.54 -0.45 0.00	34.60 -0.54 0.00	37.92 -0.55 0.00	35.82 -0.69 0.00	33.49 -0.80 0.00	33.84 -0.81 0.00	37.16 -0.87 0.00	43.43 -0.96 0.00	41.65 -0.82 0.00	41.56 -0.76 0.00	45.45 -0.68 0.00	49.64 -0.49 0.00	169.85 -1.00 0.00	44.51 -0.25 0.00	41.46 -0.24 0.00	44.74 -0.29 0.00
MARBLE_RIVER_WT_PWR 323696	35.78 -0.71 0.00	35.01 -0.66 0.00	36.89 -0.60 0.00	35.19 -0.44 0.00	35.04 -0.51 0.00	37.60 -0.64 0.00	47.57 -0.66 0.00	46.71 -0.70 0.00	34.52 -0.47 0.00	34.59 -0.55 0.00	37.76 -0.71 0.00	35.75 -0.76 0.00	33.44 -0.85 0.00	33.83 -0.82 0.00	37.12 -0.91 0.00	43.44 -0.94 0.00	41.67 -0.80 0.00	41.63 -0.70 0.00	45.59 -0.54 0.00	50.01 -0.13 0.00	171.69 0.85 0.00	45.11 0.35 0.00	41.82 0.12 0.00	45.12 0.08 0.00
MARSHVLE_115KV_TB1 80742	37.42 0.92 0.00	36.45 0.78 0.00	38.40 0.91 0.00	36.49 0.87 0.00	36.48 0.93 0.00	39.38 1.14 0.00	49.90 1.67 0.00	48.87 1.46 0.00	35.53 0.54 0.00	35.54 0.40 0.00	38.94 0.46 0.00	36.58 0.07 0.00	34.20 -0.10 0.00	34.57 -0.08 0.00	38.01 -0.02 0.00	44.23 -0.16 0.00	42.30 -0.17 0.00	42.58 0.26 0.00	47.41 1.29 0.00	52.47 2.34 0.00	179.07 8.22 0.00	46.94 2.18 0.00	43.57 1.87 0.00	46.79 1.75 0.00
MARSH_HILL_WT_PWR 323713	33.88 -2.61 0.00	33.56 -2.11 0.00	35.50 -1.98 0.00	33.71 -1.92 0.00	33.81 -1.74 0.00	36.51 -1.73 0.00	46.49 -1.74 0.00	45.77 -1.64 0.00	33.48 -1.51 0.00	33.88 -1.27 0.00	36.74 -1.73 0.00	34.95 -1.57 0.00	53.94 -2.10 -21.75	69.67 -2.43 -37.45	66.38 -2.69 -31.04	84.02 -3.49 -43.11	76.03 -2.89 -36.46	57.17 -2.24 -17.09	45.03 -1.09 0.00	48.92 -1.17 0.04	164.88 -5.96 0.00	43.35 -1.41 0.00	40.75 -0.95 0.00	44.51 -0.49 0.04
MCINTYRE_115KV_TB2 80467	37.29 0.80 0.00	36.54 0.87 0.00	38.53 1.04 0.00	36.68 1.05 0.00	36.46 0.92 0.00	39.28 1.05 0.00	49.83 1.60 0.00	48.82 1.41 0.00	35.68 0.70 0.00	35.49 0.35 0.00	38.64 0.16 0.00	36.55 0.04 0.00	34.10 -0.19 0.00	34.81 0.15 0.00	37.77 -0.26 0.00	43.94 -0.45 0.00	41.86 -0.60 0.00	41.74 -0.58 0.00	46.12 0.00 0.00	51.09 0.96 0.00	176.35 5.50 0.00	46.25 1.49 0.00	42.87 1.18 0.00	46.35 1.32 0.00

MECO____69_KV_BK1 80468	38.16 1.66 0.00	37.19 1.52 0.00	39.12 1.63 0.00	37.18 1.55 0.00	37.16 1.62 0.00	40.11 1.88 0.00	50.82 2.58 0.00	49.80 2.39 0.00	36.11 1.12 0.00	35.94 0.80 0.00	39.22 0.74 0.00	36.69 0.18 0.00	34.31 0.02 0.00	34.63 -0.02 0.00	38.05 0.02 0.00	44.28 -0.11 0.00	42.51 0.04 0.00	43.15 0.83 0.00	48.27 2.15 0.00	53.28 3.15 0.00	181.47 10.62 0.00	47.45 2.69 0.00	44.07 2.37 0.00	47.36 2.33 0.00
MENANDS__115KV_TB5 355628	37.56 1.06 0.00	36.73 1.06 0.00	38.58 1.09 0.00	36.69 1.06 0.00	36.61 1.06 0.00	39.37 1.13 0.00	49.50 1.27 0.00	48.65 1.24 0.00	35.91 0.93 0.00	36.00 0.86 0.00	39.89 0.82 -0.59	37.34 0.83 0.00	35.11 0.82 0.00	35.46 0.81 0.00	38.81 0.78 0.00	45.34 0.95 0.00	43.24 0.78 0.00	43.30 0.98 0.00	47.05 0.93 0.00	50.77 0.64 0.00	172.52 1.68 0.00	45.21 0.44 0.00	42.28 0.58 0.00	45.71 0.67 0.00
MG INDUSTRY__DRP 24185	37.58 1.09 0.00	36.80 1.13 0.00	38.58 1.09 0.00	36.69 1.06 0.00	36.64 1.09 0.00	39.40 1.17 0.00	49.50 1.27 0.00	48.57 1.16 0.00	35.73 0.74 0.00	35.76 0.62 0.00	39.03 0.55 0.00	37.02 0.51 0.00	21.73 0.23 12.79	-8.29 -0.07 42.88	12.68 -0.10 25.25	44.22 -0.17 0.00	42.21 -0.25 0.00	42.24 -0.08 0.00	46.04 -0.09 0.00	49.76 -0.37 0.00	168.97 -1.88 0.00	44.33 -0.44 0.00	41.45 -0.25 0.00	45.10 0.07 0.00
MID____OSWEGATCHIE_HYD 23849	36.38 -0.11 0.00	35.59 -0.08 0.00	37.59 0.10 0.00	35.82 0.19 0.00	35.59 0.04 0.00	38.37 0.13 0.00	48.85 0.61 0.00	48.06 0.65 0.00	35.08 0.09 0.00	34.83 -0.31 0.00	37.94 -0.54 0.00	35.72 -0.79 0.00	33.34 -0.95 0.00	33.82 -0.83 0.00	36.88 -1.15 0.00	42.74 -1.65 0.00	40.87 -1.60 0.00	40.98 -1.34 0.00	45.50 -0.62 0.00	50.17 0.03 0.00	173.12 2.27 0.00	45.37 0.61 0.00	42.16 0.46 0.00	45.52 0.49 0.00
MID____RAQUETTE_HYD 23851	36.47 -0.03 0.00	35.72 0.05 0.00	37.68 0.19 0.00	35.87 0.25 0.00	35.65 0.11 0.00	38.40 0.16 0.00	48.66 0.43 0.00	47.79 0.38 0.00	35.14 0.15 0.00	35.09 -0.05 0.00	38.22 -0.25 0.00	36.12 -0.39 0.00	33.71 -0.58 0.00	34.24 -0.41 0.00	37.16 -0.86 0.00	43.05 -1.34 0.00	40.90 -1.56 0.00	40.68 -1.64 0.00	44.76 -1.36 0.00	49.40 -0.73 0.00	170.88 0.03 0.00	44.96 0.19 0.00	41.86 0.16 0.00	45.37 0.33 0.00
MILLIKEN____1 23584	36.73 0.24 0.00	35.93 0.26 0.00	37.74 0.25 0.00	35.82 0.19 0.00	35.78 0.23 0.00	38.61 0.37 0.00	49.03 0.80 0.00	48.37 0.96 0.00	35.48 0.49 0.00	35.47 0.33 0.00	38.74 0.26 0.00	36.75 0.24 0.00	36.33 0.22 -1.82	37.68 0.01 -3.02	40.33 -0.13 -2.43	47.52 -0.25 -3.38	45.33 0.01 -2.86	44.05 0.39 -1.34	47.17 1.05 0.00	51.08 0.96 0.01	173.32 2.47 0.00	45.28 0.52 0.00	42.13 0.43 0.00	45.38 0.36 0.01
MILLIKEN____2 23585	36.73 0.24 0.00	35.93 0.26 0.00	37.74 0.25 0.00	35.82 0.19 0.00	35.78 0.23 0.00	38.61 0.37 0.00	49.03 0.80 0.00	48.37 0.96 0.00	35.48 0.49 0.00	35.47 0.33 0.00	38.74 0.26 0.00	36.75 0.24 0.00	36.33 0.22 -1.82	37.68 0.01 -3.02	40.33 -0.13 -2.43	47.52 -0.25 -3.38	45.33 0.01 -2.86	44.05 0.39 -1.34	47.17 1.05 0.00	51.08 0.96 0.01	173.32 2.47 0.00	45.28 0.52 0.00	42.13 0.43 0.00	45.38 0.36 0.01
MILLIKEN____DIESEL 23629	36.73 0.24 0.00	35.93 0.26 0.00	37.74 0.25 0.00	35.82 0.19 0.00	35.78 0.23 0.00	38.61 0.37 0.00	49.03 0.80 0.00	48.37 0.96 0.00	35.48 0.49 0.00	35.47 0.33 0.00	38.74 0.26 0.00	36.75 0.24 0.00	36.33 0.22 -1.82	37.68 0.01 -3.02	40.33 -0.13 -2.43	47.52 -0.25 -3.38	45.33 0.01 -2.86	44.05 0.39 -1.34	47.17 1.05 0.00	51.08 0.96 0.01	173.32 2.47 0.00	45.28 0.52 0.00	42.13 0.43 0.00	45.38 0.36 0.01
MILLSEAT____LFGE 323607	35.05 -1.44 0.00	34.41 -1.26 0.00	36.23 -1.26 0.00	34.27 -1.36 0.00	34.33 -1.22 0.00	37.21 -1.02 0.00	47.79 -0.44 0.00	46.93 -0.48 0.00	34.52 -0.47 0.00	34.43 -0.71 0.00	37.21 -1.27 0.00	35.31 -1.20 0.00	29.44 -1.30 3.55	27.14 -1.35 6.17	31.51 -1.38 5.14	35.23 -2.02 7.15	35.37 -1.05 6.05	38.89 -0.60 2.82	45.74 -0.38 0.00	49.68 -0.38 0.07	170.48 -0.37 0.00	44.60 -0.14 0.02	40.97 -0.25 0.47	44.21 -0.53 0.28
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	38.71 2.22 0.00	37.65 1.99 0.00	39.29 1.80 0.00	37.27 1.65 0.00	37.14 1.60 0.00	39.92 1.69 0.00	50.08 1.84 0.00	49.11 1.70 0.00	36.43 1.44 0.00	36.98 1.84 0.00	45.37 2.59 -4.31	38.15 2.62 0.98	36.60 2.80 0.49	36.49 2.87 1.03	40.46 3.19 0.76	48.18 3.84 0.05	60.16 3.84 -13.86	64.25 3.95 -17.99	49.90 3.78 0.00	53.27 3.14 0.00	178.33 7.48 0.00	46.52 1.76 0.00	43.54 1.84 0.00	47.31 2.28 0.00
MILLWOOD_13_KV_LOAD 356217	38.78 2.29 0.00	37.74 2.07 0.00	39.37 1.89 0.00	37.35 1.73 0.00	37.21 1.67 0.00	40.02 1.78 0.00	50.20 1.97 0.00	49.24 1.83 0.00	36.53 1.54 0.00	37.07 1.93 0.00	45.47 2.69 -4.31	38.25 2.72 0.98	36.70 2.90 0.49	36.57 2.95 1.03	40.57 3.30 0.76	48.32 3.97 0.05	60.29 3.97 -13.86	64.40 4.09 -17.99	50.06 3.94 0.00	53.46 3.33 0.00	178.96 8.11 0.00	46.66 1.90 0.00	43.66 1.96 0.00	47.43 2.40 0.00
MODEL_CITY_ENERGY 24167	33.16 -3.33 0.00	32.66 -3.01 0.00	34.45 -3.04 0.00	32.57 -3.05 0.00	32.65 -2.91 0.00	35.38 -2.86 0.00	45.35 -2.88 0.00	44.36 -3.05 0.00	32.83 -2.16 0.00	33.13 -2.01 0.00	35.94 -2.53 0.00	34.19 -2.32 0.00	26.77 -2.24 5.28	23.21 -2.29 9.15	27.99 -2.43 7.61	30.51 -3.30 10.58	31.07 -2.44 8.95	35.29 -2.85 4.18	42.95 -3.17 0.00	46.62 -3.45 0.06	160.20 -10.65 0.00	42.20 -2.54 0.02	38.77 -2.33 0.59	42.09 -2.61 0.34
MODERN_LFGE____ 323580	33.16 -3.33 0.00	32.66 -3.01 0.00	34.45 -3.04 0.00	32.57 -3.05 0.00	32.65 -2.91 0.00	35.38 -2.86 0.00	45.35 -2.88 0.00	44.36 -3.05 0.00	32.83 -2.16 0.00	33.13 -2.01 0.00	35.94 -2.53 0.00	34.19 -2.32 0.00	26.77 -2.24 5.28	23.21 -2.29 9.15	27.99 -2.43 7.61	30.51 -3.30 10.58	31.07 -2.44 8.95	35.29 -2.85 4.18	42.95 -3.17 0.00	46.62 -3.45 0.06	160.20 -10.65 0.00	42.20 -2.54 0.02	38.77 -2.33 0.59	42.09 -2.61 0.34
MOHAWK_PAPER____DRP 24187	37.73 1.23 0.00	36.88 1.21 0.00	38.74 1.26 0.00	36.83 1.21 0.00	36.76 1.22 0.00	39.54 1.30 0.00	49.76 1.52 0.00	48.91 1.50 0.00	36.07 1.08 0.00	36.15 1.01 0.00	40.04 0.98 -0.58	37.46 0.95 0.00	35.23 0.94 0.00	35.59 0.94 0.00	38.95 0.92 0.00	45.52 1.13 0.00	43.46 0.99 0.00	43.55 1.23 0.00	47.38 1.26 0.00	51.14 1.00 0.00	173.76 2.92 0.00	45.53 0.77 0.00	42.55 0.85 0.00	45.97 0.94 0.00
MOHICAN__35_KV_115KV_LD 80490	38.44 1.95 0.00	37.48 1.81 0.00	39.30 1.82 0.00	37.37 1.75 0.00	37.30 1.75 0.00	40.09 1.85 0.00	50.83 2.60 0.00	49.92 2.51 0.00	36.56 1.57 0.00	36.35 1.21 0.00	39.49 1.02 0.00	37.58 1.07 0.00	35.30 1.00 0.00	35.70 1.05 0.00	39.01 0.98 0.00	45.47 1.08 0.00	43.58 1.12 0.00	44.11 1.79 0.00	48.34 2.22 0.00	52.44 2.30 0.00	178.44 7.60 0.00	46.78 2.01 0.00	43.88 2.18 0.00	47.19 2.16 0.00

MONGAUP___HYD 23641	38.65 2.16 0.00	37.64 1.97 0.00	39.31 1.83 0.00	37.30 1.67 0.00	37.19 1.65 0.00	40.00 1.76 0.00	50.33 2.10 0.00	49.40 1.99 0.00	36.39 1.41 0.00	36.51 1.37 0.00	36.35 1.82 3.95	38.07 1.86 0.30	36.14 2.00 0.15	36.37 2.04 0.32	40.07 2.27 0.23	47.16 2.78 0.02	-22.84 2.78 68.08	-41.99 3.29 87.60	49.70 3.58 0.00	53.46 3.33 0.00	180.55 9.71 0.00	46.96 2.20 0.00	43.80 2.10 0.00	47.39 2.36 0.00
MONTAUK___DIESEL 23721	39.25 2.76 0.00	38.35 2.68 0.00	39.57 2.09 0.00	37.48 1.86 0.00	37.40 1.85 0.00	40.17 1.93 0.00	50.33 2.10 0.00	49.45 2.04 0.00	36.32 1.33 0.00	37.48 2.34 0.00	46.55 3.77 -4.30	42.72 3.61 -2.59	55.62 4.25 -17.08	55.34 3.89 -16.81	53.49 4.12 -11.34	51.53 5.17 -1.97	67.18 4.52 -20.20	80.83 4.66 -33.86	49.93 3.81 0.00	54.59 2.88 -1.58	177.03 6.18 0.00	46.20 1.43 0.00	43.68 1.99 0.00	48.89 3.86 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	34.15 -2.35 0.00	33.83 -1.84 0.00	35.74 -1.75 0.00	33.76 -1.87 0.00	33.93 -1.62 0.00	36.66 -1.58 0.00	47.25 -0.99 0.00	47.29 -0.12 0.00	34.88 -0.10 0.00	35.31 0.17 0.00	38.50 0.03 0.00	36.59 0.08 0.00	29.18 -0.45 4.66	25.56 -1.02 8.07	30.28 -1.02 6.73	33.69 -1.37 9.34	34.31 -0.26 7.89	38.49 -0.13 3.69	46.44 0.32 0.00	49.80 -0.28 0.06	168.98 -1.86 0.00	43.80 -0.97 0.00	41.07 -0.63 0.00	44.33 -0.65 0.05
MORRIS RIDGE___SOLAR 323848	33.96 -2.53 0.00	33.53 -2.14 0.00	35.45 -2.04 0.00	33.60 -2.03 0.00	33.69 -1.86 0.00	36.42 -1.82 0.00	46.45 -1.79 0.00	45.63 -1.78 0.00	33.35 -1.63 0.00	33.67 -1.47 0.00	36.50 -1.98 0.00	34.70 -1.81 0.00	1.10 -2.07 31.12	-21.33 -2.26 53.72	-9.01 -2.44 44.60	-20.62 -3.08 61.94	-12.40 -2.49 52.38	15.81 -1.97 24.54	44.73 -1.39 0.00	48.48 -1.61 0.05	164.49 -6.36 0.00	43.13 -1.63 0.00	40.43 -1.27 0.00	43.83 -1.16 0.04
MORTIMER_115KV_TB3 55949	35.11 -1.38 0.00	34.44 -1.23 0.00	36.23 -1.26 0.00	34.31 -1.31 0.00	34.32 -1.23 0.00	37.12 -1.12 0.00	47.34 -0.89 0.00	46.56 -0.85 0.00	34.32 -0.67 0.00	34.52 -0.62 0.00	37.62 -0.86 0.00	35.74 -0.77 0.00	33.38 -0.91 0.00	33.63 -1.02 0.00	36.94 -1.09 0.00	42.88 -1.52 0.00	41.58 -0.88 0.00	41.60 -0.72 0.00	45.49 -0.63 0.00	49.28 -0.79 0.07	168.69 -2.16 0.00	44.14 -0.62 0.00	41.06 -0.64 0.00	44.08 -0.89 0.06
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	39.09 2.59 0.00	37.99 2.32 0.00	39.60 2.12 0.00	37.55 1.93 0.00	37.41 1.87 0.00	40.25 2.01 0.00	50.40 2.17 0.00	49.34 1.93 0.00	36.67 1.69 0.00	37.34 2.20 0.00	45.86 3.05 -4.33	42.19 3.05 -2.62	38.76 3.16 -1.30	40.65 3.25 -2.74	43.66 3.60 -2.03	48.82 4.30 -0.13	59.16 4.24 -12.45	62.30 4.35 -15.63	50.27 4.14 0.00	53.61 3.48 0.00	179.12 8.28 0.00	46.76 2.00 0.00	43.85 2.15 0.00	47.73 2.70 0.00
MUNSVILLE_WIND_PWR 323609	37.08 0.58 0.00	36.13 0.46 0.00	37.99 0.51 0.00	36.24 0.61 0.00	36.43 0.88 0.00	39.56 1.32 0.00	50.34 2.11 0.00	50.03 2.62 0.00	36.53 1.54 0.00	35.91 0.77 0.00	39.06 0.59 0.00	36.62 0.11 0.00	35.42 -0.16 -1.29	36.30 -0.52 -2.17	39.58 -0.22 -1.77	46.84 -0.01 -2.46	44.79 0.24 -2.08	44.23 0.93 -0.98	48.47 2.34 0.00	53.14 3.03 0.01	182.46 11.61 0.00	47.63 2.86 -0.01	44.37 2.48 -0.19	47.22 2.11 -0.08
N SALMON___HYD 24042	36.13 -0.36 0.00	35.38 -0.29 0.00	37.29 -0.20 0.00	35.55 -0.08 0.00	35.38 -0.16 0.00	38.00 -0.24 0.00	48.08 -0.15 0.00	47.26 -0.15 0.00	34.95 -0.04 0.00	35.01 -0.13 0.00	38.09 -0.39 0.00	36.03 -0.48 0.00	33.72 -0.57 0.00	34.19 -0.46 0.00	37.44 -0.58 0.00	43.76 -0.63 0.00	41.94 -0.53 0.00	42.01 -0.30 0.00	46.11 -0.02 0.00	50.61 0.48 0.00	173.83 2.99 0.00	45.60 0.84 0.00	42.18 0.48 0.00	45.42 0.39 0.00
N.AKRON___115KV_KNAPP 355671	34.49 -2.01 0.00	33.91 -1.77 0.00	35.71 -1.77 0.00	33.78 -1.85 0.00	33.84 -1.70 0.00	36.68 -1.56 0.00	47.06 -1.18 0.00	46.19 -1.22 0.00	34.06 -0.93 0.00	34.12 -1.02 0.00	36.94 -1.54 0.00	35.08 -1.43 0.00	28.55 -1.52 4.23	25.73 -1.59 7.33	30.29 -1.63 6.11	33.56 -2.34 8.48	33.88 -1.41 7.18	37.71 -1.26 3.35	44.92 -1.21 0.00	48.76 -1.30 0.06	167.45 -3.39 0.00	43.91 -0.86 0.00	40.85 -0.85 0.00	43.86 -1.12 0.06
N.BELMOR_69_KV_BK1 55787	39.41 2.92 0.00	38.35 2.68 0.00	39.86 2.37 0.00	37.78 2.15 0.00	37.66 2.11 0.00	40.41 2.17 0.00	50.55 2.32 0.00	49.62 2.21 0.00	36.67 1.68 0.00	37.36 2.22 0.00	46.02 3.24 -4.30	42.39 3.28 -2.59	54.85 3.48 -17.08	54.96 3.50 -16.81	53.33 3.96 -11.34	51.28 4.92 -1.97	59.52 4.69 -12.37	62.72 4.87 -15.53	50.56 4.43 0.00	53.60 3.47 0.00	179.44 8.59 0.00	46.80 2.03 0.00	43.85 2.15 0.00	48.05 3.02 0.00
N.E._GEN_SANDY PD 24062	37.95 1.46 0.00	37.05 1.38 0.00	38.81 1.33 0.00	36.92 1.29 0.00	36.60 1.24 0.19	39.53 1.29 0.00	50.19 1.53 -0.43	52.53 1.46 -3.66	37.31 1.11 -1.21	35.83 1.04 0.35	40.04 1.07 -0.50	37.52 1.10 0.09	35.51 1.21 -0.01	35.90 1.25 0.00	39.29 1.26 0.00	46.32 1.53 -0.40	43.29 1.19 0.36	43.55 1.34 0.11	47.27 1.15 0.00	50.86 0.78 0.05	173.02 2.18 0.00	49.69 0.63 -4.30	43.25 0.87 -0.68	44.61 1.02 1.45
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	38.68 2.19 0.00	37.63 1.96 0.00	39.26 1.78 0.00	37.23 1.60 0.00	37.10 1.55 0.00	39.88 1.65 0.00	50.06 1.83 0.00	49.11 1.71 0.00	36.43 1.44 0.00	36.98 1.84 0.00	34.43 2.59 6.64	38.50 2.66 0.67	36.81 2.86 0.33	36.87 2.93 0.70	40.78 3.28 0.52	48.33 3.97 0.03	69.53 4.02 -23.05	76.22 4.13 -29.77	50.12 4.00 0.00	53.50 3.37 0.00	178.98 8.14 0.00	46.61 1.84 0.00	43.57 1.87 0.00	47.31 2.28 0.00
N.QUEENS_27_KV_LOAD 356247	39.08 2.59 0.00	37.98 2.31 0.00	39.53 2.05 0.00	37.52 1.89 0.00	37.39 1.84 0.00	40.25 2.01 0.00	50.37 2.14 0.00	49.34 1.93 0.00	36.71 1.73 0.00	37.29 2.15 0.00	45.84 3.03 -4.33	42.22 3.09 -2.62	38.86 3.26 -1.30	40.67 3.27 -2.75	43.75 3.69 -2.03	48.87 4.35 -0.13	59.12 4.20 -12.45	62.40 4.45 -15.63	50.21 4.09 0.00	53.46 3.33 0.00	178.66 7.81 0.00	46.76 2.00 0.00	43.82 2.12 0.00	47.60 2.57 0.00
N.TROY___115KV_TB1 355778	37.83 1.34 0.00	36.95 1.28 0.00	38.79 1.30 0.00	36.89 1.27 0.00	36.80 1.25 0.00	39.57 1.33 0.00	49.90 1.66 0.00	49.03 1.63 0.00	36.11 1.12 0.00	36.10 0.96 0.00	39.93 0.88 -0.57	37.37 0.86 0.00	35.15 0.86 0.00	35.53 0.88 0.00	38.87 0.84 0.00	45.40 1.02 0.00	43.25 0.78 0.00	43.38 1.07 0.00	47.23 1.10 0.00	51.04 0.91 0.00	173.87 3.03 0.00	45.61 0.85 0.00	42.70 1.00 0.00	46.10 1.07 0.00
NARROWS_GT1_1 24228	39.06 2.57 0.00	37.98 2.30 0.00	39.57 2.09 0.00	37.53 1.90 0.00	37.39 1.84 0.00	40.24 2.00 0.00	50.36 2.13 0.00	49.31 1.90 0.00	36.72 1.73 0.00	37.33 2.19 0.00	45.88 3.07 -4.33	42.22 3.09 -2.62	38.82 3.22 -1.30	40.70 3.30 -2.75	43.71 3.65 -2.03	48.85 4.33 -0.13	59.21 4.29 -12.45	62.42 4.46 -15.63	50.27 4.14 0.00	53.60 3.46 0.00	178.83 7.99 0.00	46.86 2.10 0.00	43.91 2.21 0.00	47.74 2.70 0.00

NARROWS_GT1_2 24229	39.06 2.57 0.00	37.98 2.30 0.00	39.57 2.09 0.00	37.53 1.90 0.00	37.39 1.84 0.00	40.24 2.00 0.00	50.36 2.13 0.00	49.31 1.90 0.00	36.72 1.73 0.00	37.33 2.19 0.00	45.88 3.07 -4.33	42.22 3.09 -2.62	38.82 3.22 -1.30	40.70 3.30 -2.75	43.71 3.65 -2.03	48.85 4.33 -0.13	59.21 4.29 -12.45	62.42 4.46 -15.63	50.27 4.14 0.00	53.60 3.46 0.00	178.83 7.99 0.00	46.86 2.10 0.00	43.91 2.21 0.00	47.74 2.70 0.00
NARROWS_GT1_3 24230	39.06 2.57 0.00	37.98 2.30 0.00	39.57 2.09 0.00	37.53 1.90 0.00	37.39 1.84 0.00	40.24 2.00 0.00	50.36 2.13 0.00	49.31 1.90 0.00	36.72 1.73 0.00	37.33 2.19 0.00	45.88 3.07 -4.33	42.22 3.09 -2.62	38.82 3.22 -1.30	40.70 3.30 -2.75	43.71 3.65 -2.03	48.85 4.33 -0.13	59.21 4.29 -12.45	62.42 4.46 -15.63	50.27 4.14 0.00	53.60 3.46 0.00	178.83 7.99 0.00	46.86 2.10 0.00	43.91 2.21 0.00	47.74 2.70 0.00
NARROWS_GT1_4 24231	39.06 2.57 0.00	37.98 2.30 0.00	39.57 2.09 0.00	37.53 1.90 0.00	37.39 1.84 0.00	40.24 2.00 0.00	50.36 2.13 0.00	49.31 1.90 0.00	36.72 1.73 0.00	37.33 2.19 0.00	45.88 3.07 -4.33	42.22 3.09 -2.62	38.82 3.22 -1.30	40.70 3.30 -2.75	43.71 3.65 -2.03	48.85 4.33 -0.13	59.21 4.29 -12.45	62.42 4.46 -15.63	50.27 4.14 0.00	53.60 3.46 0.00	178.83 7.99 0.00	46.86 2.10 0.00	43.91 2.21 0.00	47.74 2.70 0.00
NARROWS_GT1_5 24232	39.06 2.57 0.00	37.98 2.30 0.00	39.57 2.09 0.00	37.53 1.90 0.00	37.39 1.84 0.00	40.24 2.00 0.00	50.36 2.13 0.00	49.31 1.90 0.00	36.72 1.73 0.00	37.33 2.19 0.00	45.88 3.07 -4.33	42.22 3.09 -2.62	38.82 3.22 -1.30	40.70 3.30 -2.75	43.71 3.65 -2.03	48.85 4.33 -0.13	59.21 4.29 -12.45	62.42 4.46 -15.63	50.27 4.14 0.00	53.60 3.46 0.00	178.83 7.99 0.00	46.86 2.10 0.00	43.91 2.21 0.00	47.74 2.70 0.00
NARROWS_GT1_6 24233	39.06 2.57 0.00	37.98 2.30 0.00	39.57 2.09 0.00	37.53 1.90 0.00	37.39 1.84 0.00	40.24 2.00 0.00	50.36 2.13 0.00	49.31 1.90 0.00	36.72 1.73 0.00	37.33 2.19 0.00	45.88 3.07 -4.33	42.22 3.09 -2.62	38.82 3.22 -1.30	40.70 3.30 -2.75	43.71 3.65 -2.03	48.85 4.33 -0.13	59.21 4.29 -12.45	62.42 4.46 -15.63	50.27 4.14 0.00	53.60 3.46 0.00	178.83 7.99 0.00	46.86 2.10 0.00	43.91 2.21 0.00	47.74 2.70 0.00
NARROWS_GT1_7 24234	39.06 2.57 0.00	37.98 2.30 0.00	39.57 2.09 0.00	37.53 1.90 0.00	37.39 1.84 0.00	40.24 2.00 0.00	50.36 2.13 0.00	49.31 1.90 0.00	36.72 1.73 0.00	37.33 2.19 0.00	45.88 3.07 -4.33	42.22 3.09 -2.62	38.82 3.22 -1.30	40.70 3.30 -2.75	43.71 3.65 -2.03	48.85 4.33 -0.13	59.21 4.29 -12.45	62.42 4.46 -15.63	50.27 4.14 0.00	53.60 3.46 0.00	178.83 7.99 0.00	46.86 2.10 0.00	43.91 2.21 0.00	47.74 2.70 0.00
NARROWS_GT1_8 24235	39.06 2.57 0.00	37.98 2.30 0.00	39.57 2.09 0.00	37.53 1.90 0.00	37.39 1.84 0.00	40.24 2.00 0.00	50.36 2.13 0.00	49.31 1.90 0.00	36.72 1.73 0.00	37.33 2.19 0.00	45.88 3.07 -4.33	42.22 3.09 -2.62	38.82 3.22 -1.30	40.70 3.30 -2.75	43.71 3.65 -2.03	48.85 4.33 -0.13	59.21 4.29 -12.45	62.42 4.46 -15.63	50.27 4.14 0.00	53.60 3.46 0.00	178.83 7.99 0.00	46.86 2.10 0.00	43.91 2.21 0.00	47.74 2.70 0.00
NARROWS_GT2_1 24236	39.06 2.57 0.00	37.98 2.30 0.00	39.57 2.09 0.00	37.53 1.90 0.00	37.39 1.84 0.00	40.24 2.00 0.00	50.36 2.13 0.00	49.31 1.90 0.00	36.72 1.73 0.00	37.33 2.19 0.00	45.88 3.07 -4.33	42.22 3.09 -2.62	38.82 3.22 -1.30	40.70 3.30 -2.75	43.71 3.65 -2.03	48.85 4.33 -0.13	59.21 4.29 -12.45	62.42 4.46 -15.63	50.27 4.14 0.00	53.60 3.46 0.00	178.83 7.99 0.00	46.86 2.10 0.00	43.91 2.21 0.00	47.74 2.70 0.00
NARROWS_GT2_2 24237	39.06 2.57 0.00	37.98 2.30 0.00	39.57 2.09 0.00	37.53 1.90 0.00	37.39 1.84 0.00	40.24 2.00 0.00	50.36 2.13 0.00	49.31 1.90 0.00	36.72 1.73 0.00	37.33 2.19 0.00	45.88 3.07 -4.33	42.22 3.09 -2.62	38.82 3.22 -1.30	40.70 3.30 -2.75	43.71 3.65 -2.03	48.85 4.33 -0.13	59.21 4.29 -12.45	62.42 4.46 -15.63	50.27 4.14 0.00	53.60 3.46 0.00	178.83 7.99 0.00	46.86 2.10 0.00	43.91 2.21 0.00	47.74 2.70 0.00
NARROWS_GT2_3 24238	39.06 2.57 0.00	37.98 2.30 0.00	39.57 2.09 0.00	37.53 1.90 0.00	37.39 1.84 0.00	40.24 2.00 0.00	50.36 2.13 0.00	49.31 1.90 0.00	36.72 1.73 0.00	37.33 2.19 0.00	45.88 3.07 -4.33	42.22 3.09 -2.62	38.82 3.22 -1.30	40.70 3.30 -2.75	43.71 3.65 -2.03	48.85 4.33 -0.13	59.21 4.29 -12.45	62.42 4.46 -15.63	50.27 4.14 0.00	53.60 3.46 0.00	178.83 7.99 0.00	46.86 2.10 0.00	43.91 2.21 0.00	47.74 2.70 0.00
NARROWS_GT2_4 24239	39.06 2.57 0.00	37.98 2.30 0.00	39.57 2.09 0.00	37.53 1.90 0.00	37.39 1.84 0.00	40.24 2.00 0.00	50.36 2.13 0.00	49.31 1.90 0.00	36.72 1.73 0.00	37.33 2.19 0.00	45.88 3.07 -4.33	42.22 3.09 -2.62	38.82 3.22 -1.30	40.70 3.30 -2.75	43.71 3.65 -2.03	48.85 4.33 -0.13	59.21 4.29 -12.45	62.42 4.46 -15.63	50.27 4.14 0.00	53.60 3.46 0.00	178.83 7.99 0.00	46.86 2.10 0.00	43.91 2.21 0.00	47.74 2.70 0.00
NARROWS_GT2_5 24240	39.06 2.57 0.00	37.98 2.30 0.00	39.57 2.09 0.00	37.53 1.90 0.00	37.39 1.84 0.00	40.24 2.00 0.00	50.36 2.13 0.00	49.31 1.90 0.00	36.72 1.73 0.00	37.33 2.19 0.00	45.88 3.07 -4.33	42.22 3.09 -2.62	38.82 3.22 -1.30	40.70 3.30 -2.75	43.71 3.65 -2.03	48.85 4.33 -0.13	59.21 4.29 -12.45	62.42 4.46 -15.63	50.27 4.14 0.00	53.60 3.46 0.00	178.83 7.99 0.00	46.86 2.10 0.00	43.91 2.21 0.00	47.74 2.70 0.00
NARROWS_GT2_6 24241	39.06 2.57 0.00	37.98 2.30 0.00	39.57 2.09 0.00	37.53 1.90 0.00	37.39 1.84 0.00	40.24 2.00 0.00	50.36 2.13 0.00	49.31 1.90 0.00	36.72 1.73 0.00	37.33 2.19 0.00	45.88 3.07 -4.33	42.22 3.09 -2.62	38.82 3.22 -1.30	40.70 3.30 -2.75	43.71 3.65 -2.03	48.85 4.33 -0.13	59.21 4.29 -12.45	62.42 4.46 -15.63	50.27 4.14 0.00	53.60 3.46 0.00	178.83 7.99 0.00	46.86 2.10 0.00	43.91 2.21 0.00	47.74 2.70 0.00
NARROWS_GT2_7 24242	39.06 2.57 0.00	37.98 2.30 0.00	39.57 2.09 0.00	37.53 1.90 0.00	37.39 1.84 0.00	40.24 2.00 0.00	50.36 2.13 0.00	49.31 1.90 0.00	36.72 1.73 0.00	37.33 2.19 0.00	45.88 3.07 -4.33	42.22 3.09 -2.62	38.82 3.22 -1.30	40.70 3.30 -2.75	43.71 3.65 -2.03	48.85 4.33 -0.13	59.21 4.29 -12.45	62.42 4.46 -15.63	50.27 4.14 0.00	53.60 3.46 0.00	178.83 7.99 0.00	46.86 2.10 0.00	43.91 2.21 0.00	47.74 2.70 0.00
NARROWS_GT2_8 24243	39.06 2.57 0.00	37.98 2.30 0.00	39.57 2.09 0.00	37.53 1.90 0.00	37.39 1.84 0.00	40.24 2.00 0.00	50.36 2.13 0.00	49.31 1.90 0.00	36.72 1.73 0.00	37.33 2.19 0.00	45.88 3.07 -4.33	42.22 3.09 -2.62	38.82 3.22 -1.30	40.70 3.30 -2.75	43.71 3.65 -2.03	48.85 4.33 -0.13	59.21 4.29 -12.45	62.42 4.46 -15.63	50.27 4.14 0.00	53.60 3.46 0.00	178.83 7.99 0.00	46.86 2.10 0.00	43.91 2.21 0.00	47.74 2.70 0.00

NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	38.13 1.64 0.00	37.34 1.67 0.00	39.13 1.65 0.00	37.23 1.61 0.00	37.17 1.62 0.00	40.01 1.78 0.00	50.40 2.17 0.00	49.55 2.14 0.00	36.44 1.45 0.00	36.18 1.04 0.00	39.20 0.72 0.00	37.43 0.92 0.00	18.91 0.89 16.28	-19.00 0.91 54.56	-0.22 0.94 39.19	45.48 1.08 0.00	43.45 0.99 0.00	43.58 1.26 0.00	47.70 1.57 0.00	51.65 1.52 0.00	174.26 3.42 0.00	45.72 0.95 0.00	42.77 1.07 0.00	46.17 1.13 0.00
NCHELSEA_115KV_TR2 355582	38.90 2.41 0.00	37.86 2.19 0.00	39.52 2.03 0.00	37.50 1.87 0.00	37.38 1.83 0.00	40.20 1.96 0.00	50.48 2.24 0.00	49.54 2.13 0.00	36.71 1.72 0.00	37.19 2.05 0.00	41.21 2.72 -0.01	39.37 2.77 -0.10	37.25 2.91 -0.05	37.75 2.99 -0.10	41.46 3.36 -0.08	48.50 4.10 0.00	53.98 4.13 -7.39	56.04 4.22 -9.50	50.29 4.17 0.00	53.75 3.62 0.00	180.19 9.34 0.00	46.96 2.20 0.00	43.88 2.18 0.00	47.56 2.53 0.00
NEG CAPITAL___MECHNVIL 23645	38.27 1.77 0.00	37.35 1.68 0.00	39.22 1.73 0.00	37.28 1.65 0.00	37.20 1.65 0.00	40.03 1.79 0.00	50.57 2.34 0.00	49.68 2.27 0.00	36.49 1.51 0.00	36.46 1.32 0.00	39.79 1.31 0.00	37.75 1.24 0.00	35.48 1.19 0.00	35.87 1.22 0.00	39.26 1.23 0.00	45.86 1.47 0.00	43.84 1.38 0.00	44.15 1.82 0.00	48.22 2.10 0.00	52.13 2.00 0.00	177.33 6.49 0.00	46.43 1.67 0.00	43.41 1.71 0.00	46.80 1.77 0.00
NEG CENTRAL_HIGH_ACRES 23767	34.81 -1.69 0.00	34.11 -1.56 0.00	35.88 -1.60 0.00	34.00 -1.63 0.00	34.00 -1.55 0.00	36.75 -1.49 0.00	46.70 -1.53 0.00	45.84 -1.57 0.00	33.81 -1.17 0.00	33.99 -1.15 0.00	37.11 -1.37 0.00	35.26 -1.25 0.00	32.96 -1.32 0.00	33.21 -1.44 0.00	36.48 -1.55 0.00	42.37 -2.02 0.00	41.02 -1.45 0.00	41.05 -1.27 0.00	45.00 -1.13 0.00	48.78 -1.29 0.06	166.55 -4.29 0.00	43.58 -1.18 0.00	40.55 -1.15 0.00	43.56 -1.42 0.05
NEG CENTRAL___DRP 24199	36.07 -0.42 0.00	35.32 -0.35 0.00	37.14 -0.34 0.00	35.22 -0.41 0.00	35.20 -0.35 0.00	38.01 -0.23 0.00	48.28 0.05 0.00	47.56 0.16 0.00	35.00 0.01 0.00	35.03 -0.11 0.00	38.23 -0.25 0.00	36.43 -0.08 0.00	36.49 -0.04 -2.24	37.91 -0.43 -3.69	40.29 -0.70 -2.96	47.44 -1.06 -4.11	45.28 -0.66 -3.48	43.71 -0.24 -1.63	46.51 0.39 0.00	50.30 0.18 0.02	170.15 -0.70 0.00	44.63 -0.14 0.00	41.59 -0.11 0.00	44.77 -0.25 0.02
NEG CENTRAL___INDECK 23768	35.64 -0.86 0.00	35.03 -0.64 0.00	36.92 -0.57 0.00	34.97 -0.66 0.00	35.05 -0.50 0.00	37.93 -0.31 0.00	48.56 0.33 0.00	47.72 0.31 0.00	34.72 -0.26 0.00	34.65 -0.49 0.00	37.55 -0.92 0.00	35.78 -0.73 0.00	55.37 -1.07 -22.15	71.61 -1.19 -38.15	68.34 -1.32 -31.63	86.55 -1.76 -43.92	78.82 -0.78 -37.14	59.35 -0.38 -17.40	46.48 0.36 0.00	50.85 0.77 0.05	173.39 2.55 0.00	45.34 0.58 0.00	42.13 0.43 0.00	45.37 0.39 0.05
NEG CENTRAL___SENECA 23627	35.88 -0.61 0.00	35.18 -0.49 0.00	36.99 -0.50 0.00	35.05 -0.58 0.00	35.08 -0.47 0.00	37.89 -0.35 0.00	48.12 -0.11 0.00	47.42 0.01 0.00	34.90 -0.09 0.00	34.96 -0.18 0.00	38.09 -0.38 0.00	36.25 -0.26 0.00	37.24 -0.39 -3.34	39.57 -0.73 -5.65	41.76 -0.89 -4.62	49.44 -1.37 -6.42	47.06 -0.83 -5.43	44.59 -0.27 -2.54	46.60 0.48 0.00	50.35 0.26 0.04	169.87 -0.98 0.00	44.65 -0.11 0.00	41.63 -0.07 0.00	44.77 -0.22 0.03
NEG CENTRAL___STATE_STREET 24147	36.52 0.03 0.00	35.72 0.04 0.00	37.55 0.07 0.00	35.64 0.01 0.00	35.57 0.02 0.00	38.37 0.14 0.00	48.84 0.61 0.00	48.15 0.74 0.00	35.40 0.41 0.00	35.38 0.23 0.00	38.69 0.21 0.00	36.88 0.37 0.00	36.03 0.57 -1.17	36.65 0.20 -1.80	39.24 -0.14 -1.36	45.87 -0.41 -1.88	43.89 -0.16 -1.59	43.18 0.11 -0.75	46.81 0.69 0.00	50.48 0.35 0.00	171.55 0.71 0.00	44.92 0.16 0.00	41.81 0.11 0.00	45.04 0.01 0.00
NEG MILLWOOD___DRP 24198	39.06 2.57 0.00	38.01 2.34 0.00	39.66 2.18 0.00	37.62 1.99 0.00	37.49 1.95 0.00	40.33 2.10 0.00	50.67 2.44 0.00	49.73 2.32 0.00	36.86 1.87 0.00	37.36 2.22 0.00	41.44 2.94 -0.02	39.68 3.01 -0.16	37.49 3.12 -0.08	38.07 3.25 -0.17	41.77 3.61 -0.12	48.81 4.41 0.00	54.66 4.31 -7.88	56.87 4.40 -10.15	50.44 4.32 0.00	53.86 3.73 0.00	180.48 9.63 0.00	47.10 2.34 0.00	44.07 2.37 0.00	47.78 2.74 0.00
NEG NORTH_FLCN_SEA 23793	36.11 -0.39 0.00	35.30 -0.37 0.00	37.23 -0.25 0.00	35.52 -0.11 0.00	35.38 -0.17 0.00	37.97 -0.27 0.00	48.13 -0.11 0.00	47.26 -0.15 0.00	34.86 -0.13 0.00	34.90 -0.24 0.00	38.06 -0.42 0.00	36.04 -0.47 0.00	33.75 -0.54 0.00	34.14 -0.51 0.00	37.44 -0.59 0.00	43.83 -0.56 0.00	42.10 -0.37 0.00	42.11 -0.21 0.00	46.11 -0.02 0.00	50.50 0.37 0.00	173.33 2.49 0.00	45.60 0.83 0.00	42.28 0.58 0.00	45.59 0.55 0.00
NEG NORTH_KES_CHATEGAY 23792	35.82 -0.67 0.00	35.07 -0.61 0.00	36.94 -0.54 0.00	35.23 -0.40 0.00	35.06 -0.49 0.00	37.64 -0.59 0.00	47.61 -0.62 0.00	46.76 -0.66 0.00	34.55 -0.44 0.00	34.59 -0.55 0.00	37.76 -0.72 0.00	35.75 -0.77 0.00	33.43 -0.86 0.00	33.83 -0.82 0.00	37.10 -0.93 0.00	43.43 -0.96 0.00	41.62 -0.84 0.00	41.57 -0.75 0.00	45.58 -0.54 0.00	50.07 -0.06 0.00	171.97 1.12 0.00	45.16 0.40 0.00	41.84 0.14 0.00	45.13 0.09 0.00
NEG NORTH___ALICE_FALLS 23915	36.18 -0.32 0.00	35.39 -0.28 0.00	37.32 -0.17 0.00	35.60 -0.03 0.00	35.46 -0.09 0.00	38.05 -0.19 0.00	48.23 -0.01 0.00	47.36 -0.05 0.00	34.91 -0.08 0.00	34.92 -0.22 0.00	38.07 -0.41 0.00	36.02 -0.49 0.00	33.74 -0.55 0.00	34.08 -0.57 0.00	37.41 -0.62 0.00	43.81 -0.58 0.00	42.13 -0.33 0.00	42.15 -0.17 0.00	46.21 0.09 0.00	50.65 0.52 0.00	173.92 3.08 0.00	45.71 0.94 0.00	42.36 0.66 0.00	45.65 0.61 0.00
NEG NORTH___LWR_SARANAC 23913	36.18 -0.32 0.00	35.39 -0.28 0.00	37.32 -0.17 0.00	35.60 -0.03 0.00	35.46 -0.09 0.00	38.05 -0.19 0.00	48.23 -0.01 0.00	47.36 -0.05 0.00	34.91 -0.08 0.00	34.92 -0.22 0.00	38.07 -0.41 0.00	36.02 -0.49 0.00	33.74 -0.55 0.00	34.08 -0.57 0.00	37.41 -0.62 0.00	43.81 -0.58 0.00	42.13 -0.33 0.00	42.15 -0.17 0.00	46.21 0.09 0.00	50.65 0.52 0.00	173.92 3.08 0.00	45.71 0.94 0.00	42.36 0.66 0.00	45.65 0.61 0.00
NEG NORTH___PLATTSBURG 23628	36.18 -0.32 0.00	35.39 -0.28 0.00	37.32 -0.17 0.00	35.60 -0.03 0.00	35.46 -0.08 0.00	38.05 -0.19 0.00	48.22 -0.01 0.00	47.36 -0.05 0.00	34.91 -0.08 0.00	34.92 -0.22 0.00	38.07 -0.40 0.00	36.03 -0.49 0.00	33.73 -0.55 0.00	34.08 -0.57 0.00	37.41 -0.62 0.00	43.80 -0.59 0.00	42.13 -0.33 0.00	42.15 -0.17 0.00	46.21 0.09 0.00	50.65 0.52 0.00	173.92 3.07 0.00	45.71 0.94 0.00	42.35 0.65 0.00	45.65 0.61 0.00
NEG WEST_LEA_LOCKPORT 23791	33.52 -2.97 0.00	33.03 -2.64 0.00	34.83 -2.65 0.00	32.93 -2.69 0.00	33.01 -2.54 0.00	35.76 -2.48 0.00	45.82 -2.41 0.00	44.88 -2.53 0.00	33.20 -1.79 0.00	33.48 -1.66 0.00	36.32 -2.16 0.00	34.53 -1.98 0.00	26.89 -2.03 5.37	23.21 -2.13 9.31	28.04 -2.24 7.75	30.54 -3.08 10.76	31.16 -2.20 9.10	35.62 -2.44 4.25	43.51 -2.61 0.00	47.22 -2.85 0.06	162.22 -8.62 0.00	42.68 -2.08 0.00	39.81 -1.89 0.00	42.83 -2.15 0.06

NEG WEST___LANCASTR 23811	33.99 -2.51 0.00	33.48 -2.19 0.00	35.30 -2.18 0.00	33.36 -2.27 0.00	33.43 -2.12 0.00	36.19 -2.05 0.00	46.38 -1.85 0.00	45.49 -1.92 0.00	33.64 -1.35 0.00	33.98 -1.16 0.00	36.90 -1.58 0.00	35.15 -1.36 0.00	26.04 -1.29 6.96	21.22 -1.38 12.05	26.66 -1.35 10.02	28.59 -2.06 13.74	29.64 -1.20 11.62	35.42 -1.46 5.43	44.49 -1.64 0.00	48.22 -1.85 0.06	165.36 -5.48 0.00	43.44 -1.32 0.00	40.58 -1.12 0.00	43.50 -1.48 0.05
NEG_PENN_ALLEGHNY 23528	36.25 -0.24 0.00	35.49 -0.18 0.00	37.32 -0.17 0.00	35.39 -0.24 0.00	35.37 -0.18 0.00	38.12 -0.12 0.00	48.29 0.05 0.00	47.48 0.07 0.00	34.92 -0.07 0.00	35.22 0.08 0.00	38.58 0.10 0.00	36.72 0.21 0.00	35.37 0.21 -0.87	35.23 0.07 -0.51	38.19 0.16 0.00	44.54 0.15 0.00	42.89 0.43 0.00	42.90 0.58 0.00	46.89 0.76 0.00	50.52 0.40 0.02	170.63 -0.22 0.00	44.52 -0.25 -0.01	41.68 -0.18 -0.16	44.95 -0.15 -0.06
NEG___GEN_MONROE 24207	35.28 -1.22 0.00	34.60 -1.08 0.00	36.41 -1.07 0.00	34.47 -1.16 0.00	34.48 -1.07 0.00	37.31 -0.92 0.00	47.69 -0.54 0.00	46.90 -0.51 0.00	34.51 -0.48 0.00	34.58 -0.56 0.00	37.62 -0.86 0.00	35.72 -0.79 0.00	33.34 -0.95 0.00	32.58 -1.05 1.02	35.66 -1.09 1.28	41.03 -1.58 1.79	40.11 -0.85 1.51	41.12 -0.50 0.71	45.79 -0.34 0.00	49.65 -0.41 0.07	169.95 -0.89 0.00	44.48 -0.28 0.00	41.37 -0.33 0.00	44.38 -0.59 0.06
NEPA___ENERGY 23901	34.14 -2.36 0.00	33.73 -1.94 0.00	35.54 -1.94 0.00	33.54 -2.09 0.00	33.60 -1.95 0.00	36.26 -1.98 0.00	46.58 -1.66 0.00	46.19 -1.22 0.00	33.97 -1.02 0.00	34.47 -0.67 0.00	37.70 -0.78 0.00	36.02 -0.49 0.00	27.81 -0.68 5.81	23.57 -1.03 10.06	28.72 -0.93 8.37	31.37 -1.39 11.63	32.18 -0.44 9.84	37.14 -0.58 4.60	45.66 -0.46 0.00	48.99 -1.09 0.06	165.04 -5.81 0.00	42.89 -1.87 0.00	40.09 -1.61 0.00	43.32 -1.67 0.05
NEVERSINK___HYD 23608	38.20 1.70 0.00	37.17 1.50 0.00	38.79 1.30 0.00	36.82 1.20 0.00	36.73 1.18 0.00	39.49 1.25 0.00	49.67 1.44 0.00	48.79 1.38 0.00	36.11 1.12 0.00	36.48 1.34 0.00	39.16 1.87 1.20	38.42 1.91 0.00	35.13 2.08 1.24	32.64 2.13 4.15	37.52 2.47 2.98	47.45 3.06 0.00	45.76 3.29 0.00	45.71 3.40 0.00	49.54 3.42 0.00	53.01 2.88 0.00	178.02 7.17 0.00	46.34 1.58 0.00	43.22 1.52 0.00	46.78 1.75 0.00
NEWKRMKL_115KV_TB1 55635	37.49 1.00 0.00	36.66 0.99 0.00	38.51 1.03 0.00	36.64 1.01 0.00	36.57 1.03 0.00	39.32 1.09 0.00	49.40 1.17 0.00	48.59 1.18 0.00	35.87 0.88 0.00	35.96 0.82 0.00	39.84 0.79 -0.58	37.30 0.79 0.00	35.05 0.76 0.00	35.39 0.74 0.00	38.73 0.70 0.00	45.25 0.86 0.00	43.20 0.73 0.00	43.28 0.96 0.00	47.03 0.91 0.00	50.71 0.58 0.00	172.20 1.35 0.00	45.12 0.36 0.00	42.18 0.48 0.00	45.59 0.56 0.00
NEWTON___FALLS_HYD 23847	36.38 -0.11 0.00	35.59 -0.08 0.00	37.59 0.10 0.00	35.82 0.19 0.00	35.59 0.04 0.00	38.37 0.13 0.00	48.85 0.61 0.00	48.06 0.65 0.00	35.08 0.09 0.00	34.83 -0.31 0.00	37.94 -0.54 0.00	35.72 -0.79 0.00	33.34 -0.95 0.00	33.82 -0.83 0.00	36.88 -1.15 0.00	42.74 -1.65 0.00	40.87 -1.60 0.00	40.98 -1.34 0.00	45.50 -0.62 0.00	50.17 0.03 0.00	173.12 2.27 0.00	45.37 0.61 0.00	42.16 0.46 0.00	45.52 0.49 0.00
NGRID_A1_DSASP 323792	33.10 -3.39 0.00	32.70 -2.97 0.00	34.50 -2.99 0.00	32.62 -3.01 0.00	32.68 -2.87 0.00	35.39 -2.85 0.00	45.28 -2.95 0.00	44.32 -3.09 0.00	32.82 -2.17 0.00	33.15 -1.99 0.00	35.98 -2.49 0.00	34.22 -2.29 0.00	26.49 -2.44 5.35	22.78 -2.59 9.28	27.56 -2.75 7.72	29.82 -3.84 10.72	30.43 -2.96 9.07	34.53 -3.48 4.30	42.36 -3.77 0.00	45.97 -4.09 0.06	158.24 -12.60 0.00	41.70 -3.06 0.00	39.27 -2.43 0.00	42.31 -2.67 0.06
NGRID_A2_DSASP 323793	33.10 -3.39 0.00	32.70 -2.97 0.00	34.50 -2.99 0.00	32.62 -3.01 0.00	32.68 -2.87 0.00	35.39 -2.85 0.00	45.28 -2.95 0.00	44.32 -3.09 0.00	32.82 -2.17 0.00	33.15 -1.99 0.00	35.98 -2.49 0.00	34.22 -2.29 0.00	26.49 -2.44 5.35	22.78 -2.59 9.28	27.56 -2.75 7.72	29.82 -3.84 10.72	30.43 -2.96 9.07	34.53 -3.48 4.30	42.36 -3.77 0.00	45.97 -4.09 0.06	158.24 -12.60 0.00	41.70 -3.06 0.00	39.27 -2.43 0.00	42.31 -2.67 0.06
NGRID_A4_DSASP 323807	33.10 -3.39 0.00	32.70 -2.97 0.00	34.50 -2.99 0.00	32.62 -3.01 0.00	32.68 -2.87 0.00	35.39 -2.85 0.00	45.28 -2.95 0.00	44.32 -3.09 0.00	32.82 -2.17 0.00	33.15 -1.99 0.00	35.98 -2.49 0.00	34.22 -2.29 0.00	26.49 -2.44 5.35	22.78 -2.59 9.28	27.56 -2.75 7.72	29.82 -3.84 10.72	30.43 -2.96 9.07	34.53 -3.48 4.30	42.36 -3.77 0.00	45.97 -4.09 0.06	158.24 -12.60 0.00	41.70 -3.06 0.00	39.27 -2.43 0.00	42.31 -2.67 0.06
NIAGARA_115E_LBMP 323715	32.94 -3.55 0.00	32.44 -3.23 0.00	34.23 -3.26 0.00	32.37 -3.26 0.00	32.44 -3.11 0.00	35.15 -3.09 0.00	45.06 -3.17 0.00	44.05 -3.36 0.00	32.62 -2.37 0.00	32.95 -2.19 0.00	35.73 -2.74 0.00	33.99 -2.52 0.00	26.49 -2.39 5.41	22.84 -2.43 9.38	27.65 -2.58 7.80	30.06 -3.49 10.83	30.66 -2.65 9.16	34.93 -3.10 4.29	42.62 -3.50 0.00	46.27 -3.80 0.06	159.01 -11.83 0.00	41.92 -2.82 0.02	38.50 -2.59 0.61	41.82 -2.87 0.35
NIAGARA_115W_LBMP 323714	33.05 -3.45 0.00	32.66 -3.01 0.00	34.46 -3.02 0.00	32.59 -3.04 0.00	32.65 -2.91 0.00	35.35 -2.89 0.00	45.25 -2.98 0.00	44.27 -3.14 0.00	32.76 -2.23 0.00	33.11 -2.03 0.00	35.95 -2.52 0.00	34.19 -2.32 0.00	26.53 -2.44 5.32	22.86 -2.58 9.21	27.62 -2.75 7.67	29.91 -3.83 10.65	30.48 -2.98 9.01	34.47 -3.58 4.27	42.27 -3.86 0.00	45.87 -4.20 0.06	157.79 -13.05 0.00	41.58 -3.16 0.03	38.58 -2.48 0.64	41.96 -2.72 0.36
NIAGARA_230_LBMP 323716	33.30 -3.19 0.00	32.82 -2.85 0.00	34.64 -2.85 0.00	32.76 -2.87 0.00	32.81 -2.74 0.00	35.52 -2.71 0.00	45.46 -2.77 0.00	44.50 -2.91 0.00	32.92 -2.07 0.00	33.27 -1.87 0.00	36.13 -2.34 0.00	34.36 -2.15 0.00	27.02 -2.26 5.01	23.57 -2.40 8.68	28.24 -2.57 7.23	30.87 -3.49 10.04	31.35 -2.63 8.49	35.43 -2.90 3.98	43.02 -3.10 0.00	46.65 -3.42 0.06	160.47 -10.38 0.00	42.17 -2.57 0.03	38.82 -2.24 0.64	42.16 -2.51 0.36
NIAGARA___115KV_198_GIBSON 55903	33.05 -3.45 0.00	32.66 -3.01 0.00	34.46 -3.02 0.00	32.59 -3.04 0.00	32.65 -2.91 0.00	35.35 -2.89 0.00	45.23 -3.00 0.00	44.28 -3.13 0.00	32.78 -2.21 0.00	33.11 -2.03 0.00	35.95 -2.53 0.00	34.18 -2.33 0.00	26.49 -2.48 5.32	22.80 -2.64 9.21	27.56 -2.80 7.67	29.84 -3.90 10.65	30.42 -3.03 9.01	34.47 -3.58 4.27	42.26 -3.86 0.00	45.87 -4.20 0.06	157.79 -13.06 0.00	41.60 -3.16 0.00	39.22 -2.48 0.00	42.26 -2.72 0.06
NIAGARA____ 23760	33.30 -3.19 0.00	32.82 -2.85 0.00	34.64 -2.85 0.00	32.76 -2.87 0.00	32.81 -2.74 0.00	35.52 -2.71 0.00	45.46 -2.77 0.00	44.50 -2.91 0.00	32.92 -2.07 0.00	33.27 -1.87 0.00	36.13 -2.34 0.00	34.36 -2.15 0.00	26.95 -2.26 5.08	23.45 -2.40 8.81	28.14 -2.57 7.32	30.72 -3.49 10.19	31.22 -2.63 8.62	35.34 -2.90 4.08	43.02 -3.10 0.00	46.65 -3.42 0.06	160.47 -10.38 0.00	42.17 -2.57 0.02	38.83 -2.24 0.63	42.17 -2.51 0.36

NINE_MILE_1 23575	35.10 -1.39 0.00	34.32 -1.35 0.00	36.07 -1.42 0.00	34.26 -1.37 0.00	34.21 -1.34 0.00	36.83 -1.41 0.00	46.54 -1.69 0.00	45.78 -1.63 0.00	33.75 -1.24 0.00	33.89 -1.25 0.00	37.08 -1.40 0.00	35.18 -1.33 0.00	33.03 -1.26 0.00	33.38 -1.27 0.00	36.67 -1.36 0.00	42.76 -1.63 0.00	41.02 -1.45 0.00	41.00 -1.32 0.00	44.77 -1.35 0.00	48.03 -1.60 0.51	165.17 -5.67 0.00	43.26 -1.50 0.00	40.30 -1.40 0.00	43.01 -1.58 0.45
NINE_MILE_2 23744	35.10 -1.39 0.00	34.32 -1.35 0.00	36.07 -1.42 0.00	34.26 -1.36 0.00	34.21 -1.34 0.00	36.83 -1.41 0.00	46.54 -1.69 0.00	45.78 -1.63 0.00	33.75 -1.24 0.00	33.89 -1.25 0.00	37.08 -1.40 0.00	35.18 -1.33 0.00	33.03 -1.26 0.00	33.39 -1.27 0.00	36.67 -1.36 0.00	42.76 -1.63 0.00	41.02 -1.45 0.00	41.00 -1.32 0.00	44.77 -1.35 0.00	48.03 -1.60 0.51	165.17 -5.67 0.00	43.26 -1.50 0.00	40.30 -1.40 0.00	43.01 -1.58 0.45
NM_CAPITAL___DRP 24208	37.49 1.00 0.00	36.66 0.99 0.00	38.51 1.03 0.00	36.64 1.01 0.00	36.55 1.01 0.00	39.31 1.07 0.00	49.41 1.17 0.00	48.57 1.16 0.00	35.85 0.86 0.00	35.94 0.80 0.00	39.82 0.75 -0.59	37.28 0.77 0.00	35.04 0.75 0.00	35.39 0.74 0.00	38.73 0.70 0.00	45.25 0.86 0.00	43.16 0.69 0.00	43.21 0.89 0.00	46.95 0.83 0.00	50.66 0.52 0.00	172.15 1.31 0.00	45.12 0.36 0.00	42.19 0.49 0.00	45.61 0.58 0.00
NM_CENTRAL___DRP 24181	35.95 -0.55 0.00	35.14 -0.53 0.00	36.93 -0.56 0.00	35.05 -0.58 0.00	35.01 -0.54 0.00	37.73 -0.50 0.00	47.78 -0.46 0.00	47.03 -0.38 0.00	34.66 -0.33 0.00	34.82 -0.33 0.00	38.08 -0.39 0.00	36.17 -0.34 0.00	33.98 -0.31 0.00	34.22 -0.44 0.00	37.54 -0.49 0.00	43.77 -0.62 0.00	42.04 -0.42 0.00	42.08 -0.24 0.00	46.01 -0.11 0.00	49.78 -0.32 0.03	169.15 -1.70 0.00	44.25 -0.51 0.00	41.19 -0.51 0.00	44.37 -0.64 0.02
NM_FRONTIER___DRP 24179	33.05 -3.45 0.00	32.66 -3.01 0.00	34.46 -3.02 0.00	32.59 -3.04 0.00	32.65 -2.91 0.00	35.35 -2.89 0.00	45.23 -3.00 0.00	44.28 -3.13 0.00	32.78 -2.21 0.00	33.11 -2.03 0.00	35.95 -2.53 0.00	34.18 -2.33 0.00	26.49 -2.48 5.32	22.80 -2.64 9.21	27.56 -2.80 7.67	29.84 -3.90 10.65	30.42 -3.03 9.01	34.47 -3.58 4.27	42.26 -3.86 0.00	45.87 -4.20 0.06	157.79 -13.06 0.00	41.60 -3.16 0.00	39.22 -2.48 0.00	42.26 -2.72 0.06
NM_ST_REGIS___HYD 24053	36.22 -0.27 0.00	35.46 -0.21 0.00	37.39 -0.09 0.00	35.64 0.02 0.00	35.48 -0.07 0.00	38.10 -0.14 0.00	48.22 -0.01 0.00	47.39 -0.03 0.00	35.02 0.03 0.00	35.03 -0.11 0.00	38.10 -0.38 0.00	36.03 -0.48 0.00	33.72 -0.57 0.00	34.23 -0.43 0.00	37.45 -0.58 0.00	43.80 -0.60 0.00	41.94 -0.53 0.00	42.01 -0.30 0.00	46.19 0.07 0.00	50.74 0.61 0.00	174.27 3.43 0.00	45.71 0.95 0.00	42.28 0.59 0.00	45.52 0.49 0.00
NORTHPORT___1 23551	39.11 2.62 0.00	38.14 2.47 0.00	39.64 2.15 0.00	37.57 1.95 0.00	37.46 1.91 0.00	40.07 1.83 0.00	50.00 1.77 0.00	49.08 1.67 0.00	36.19 1.20 0.00	36.85 1.71 0.00	45.53 2.75 -4.30	41.89 2.79 -2.59	54.40 3.03 -17.08	54.58 3.13 -16.81	52.76 3.39 -11.34	50.41 4.04 -1.97	39.33 3.61 6.75	40.09 3.77 6.00	49.25 3.14 0.02	51.40 2.11 0.83	174.69 3.85 0.00	45.65 0.89 0.00	42.92 1.22 0.00	47.39 2.36 0.00
NORTHPORT___2 23552	39.11 2.62 0.00	38.14 2.47 0.00	39.64 2.15 0.00	37.57 1.95 0.00	37.46 1.91 0.00	40.07 1.83 0.00	50.00 1.77 0.00	49.08 1.67 0.00	36.19 1.20 0.00	36.85 1.71 0.00	45.53 2.75 -4.30	41.89 2.79 -2.59	54.40 3.03 -17.08	54.58 3.13 -16.81	52.76 3.39 -11.34	50.41 4.04 -1.97	39.33 3.61 6.75	40.09 3.77 6.00	49.25 3.14 0.02	51.40 2.11 0.83	174.69 3.85 0.00	45.65 0.89 0.00	42.92 1.22 0.00	47.39 2.36 0.00
NORTHPORT___3 23553	39.15 2.65 0.00	38.17 2.50 0.00	39.66 2.18 0.00	37.60 1.98 0.00	37.48 1.93 0.00	40.11 1.87 0.00	50.08 1.85 0.00	49.14 1.73 0.00	36.24 1.26 0.00	36.90 1.76 0.00	45.58 2.80 -4.30	41.94 2.83 -2.59	54.43 3.06 -17.08	54.62 3.16 -16.81	52.80 3.43 -11.34	50.46 4.10 -1.97	45.05 3.64 1.05	46.08 3.80 0.03	49.31 3.19 0.01	51.70 2.20 0.63	174.92 4.08 0.00	45.70 0.94 0.00	42.96 1.26 0.00	47.42 2.39 0.00
NORTHPORT___4 23650	39.15 2.65 0.00	38.17 2.50 0.00	39.66 2.18 0.00	37.60 1.98 0.00	37.48 1.93 0.00	40.11 1.87 0.00	50.08 1.85 0.00	49.14 1.73 0.00	36.24 1.26 0.00	36.90 1.76 0.00	45.58 2.80 -4.30	41.94 2.83 -2.59	54.43 3.06 -17.08	54.62 3.16 -16.81	52.80 3.43 -11.34	50.46 4.10 -1.97	45.05 3.64 1.05	46.08 3.80 0.03	49.31 3.19 0.01	51.70 2.20 0.63	174.92 4.08 0.00	45.70 0.94 0.00	42.96 1.26 0.00	47.42 2.39 0.00
NORTHPORT___IC 23718	39.12 2.62 0.00	38.14 2.47 0.00	39.64 2.15 0.00	37.58 1.95 0.00	37.46 1.91 0.00	40.07 1.83 0.00	50.01 1.78 0.00	49.08 1.67 0.00	36.19 1.20 0.00	36.85 1.71 0.00	45.54 2.76 -4.30	41.89 2.79 -2.59	54.41 3.03 -17.08	54.59 3.14 -16.81	52.76 3.39 -11.34	50.43 4.07 -1.97	39.34 3.62 6.75	40.09 3.77 6.00	49.25 3.14 0.02	51.40 2.10 0.83	174.69 3.85 0.00	45.65 0.89 0.00	42.92 1.23 0.00	47.40 2.37 0.00
NORTH___COUNTRY_ESR 323785	35.77 -0.72 0.00	35.00 -0.67 0.00	36.88 -0.60 0.00	35.17 -0.45 0.00	35.02 -0.53 0.00	37.59 -0.65 0.00	47.52 -0.71 0.00	46.69 -0.73 0.00	34.51 -0.48 0.00	34.58 -0.56 0.00	37.75 -0.73 0.00	35.74 -0.77 0.00	33.43 -0.86 0.00	33.83 -0.82 0.00	37.10 -0.93 0.00	43.42 -0.97 0.00	41.62 -0.84 0.00	41.56 -0.75 0.00	45.53 -0.60 0.00	49.96 -0.17 0.00	171.60 0.75 0.00	45.06 0.29 0.00	41.76 0.06 0.00	45.05 0.01 0.00
NPX_GEN_1385_PROXY 323591	38.75 2.26 0.00	37.83 2.16 0.00	39.32 1.84 0.00	37.28 1.65 0.00	37.14 1.59 0.00	39.33 1.09 0.00	49.09 0.85 0.00	48.66 1.25 0.00	35.39 0.92 0.51	36.38 1.24 0.00	44.47 1.69 -4.30	7.50 1.73 30.74	40.18 2.05 -3.84	53.79 2.33 -16.81	52.00 2.63 -11.34	47.63 2.79 -0.45	38.61 2.90 6.75	39.37 3.14 6.09	48.55 2.44 0.02	50.48 1.18 0.83	170.79 -0.05 0.00	44.89 0.13 0.00	42.39 0.69 0.00	46.81 1.77 0.00
NPX_GEN_CSC 323557	39.60 3.11 0.00	38.67 3.00 0.00	39.88 2.39 0.00	37.78 2.16 0.00	37.68 2.13 0.00	40.40 2.17 0.00	50.55 2.32 0.00	49.58 2.17 0.00	35.84 1.36 0.51	37.60 2.46 0.00	46.56 3.79 -4.30	42.58 3.48 -2.59	55.25 3.88 -17.08	54.80 3.35 -16.81	52.88 3.51 -11.34	50.74 4.38 -1.97	66.66 4.07 -20.13	80.18 4.33 -33.54	49.73 3.60 0.00	54.24 2.55 -1.56	175.93 5.09 0.00	46.10 1.33 0.00	43.32 1.62 0.00	47.89 2.86 0.00
NSINS_S_GLNS_FALLS 23858	38.31 1.82 0.00	37.36 1.69 0.00	39.19 1.70 0.00	37.27 1.64 0.00	37.19 1.64 0.00	39.97 1.73 0.00	50.66 2.43 0.00	49.74 2.33 0.00	36.44 1.46 0.00	36.25 1.11 0.00	39.42 0.94 0.00	37.50 0.99 0.00	35.22 0.93 0.00	35.63 0.98 0.00	38.92 0.90 0.00	45.38 0.99 0.00	43.51 1.04 0.00	44.04 1.72 0.00	48.23 2.11 0.00	52.30 2.16 0.00	177.83 6.98 0.00	46.64 1.87 0.00	43.74 2.05 0.00	47.05 2.01 0.00

NUCOR_STEEL____DRP 24197	36.52 0.03 0.00	35.72 0.05 0.00	37.55 0.07 0.00	35.64 0.02 0.00	35.56 0.01 0.00	38.36 0.12 0.00	48.84 0.61 0.00	48.13 0.72 0.00	35.40 0.41 0.00	35.37 0.23 0.00	38.70 0.22 0.00	36.90 0.39 0.00	35.81 0.62 -0.90	35.56 0.25 -0.67	37.92 -0.11 0.00	44.03 -0.37 0.00	42.32 -0.14 0.00	42.42 0.10 0.00	46.77 0.64 0.00	50.42 0.28 0.00	171.43 0.59 0.00	44.88 0.12 0.00	41.77 0.07 0.00	45.00 -0.03 0.00
NUMBER_THREE_WT_PWR 323818	36.22 -0.27 0.00	35.37 -0.30 0.00	37.46 -0.02 0.00	35.71 0.09 0.00	35.47 -0.07 0.00	38.28 0.04 0.00	48.87 0.64 0.00	48.16 0.75 0.00	34.98 -0.01 0.00	34.62 -0.52 0.00	37.73 -0.75 0.00	35.38 -1.13 0.00	33.00 -1.29 0.00	33.45 -1.20 0.00	36.67 -1.36 0.00	42.55 -1.84 0.00	40.94 -1.52 0.00	41.33 -0.99 0.00	46.18 0.05 0.00	50.82 0.69 0.00	175.17 4.32 0.00	45.74 0.98 0.00	42.42 0.72 0.00	45.65 0.61 0.00
NYISO_LBMP_REFERENCE 24008	36.49 0.00 0.00	35.67 0.00 0.00	37.48 0.00 0.00	35.63 0.00 0.00	35.55 0.00 0.00	38.24 0.00 0.00	48.23 0.00 0.00	47.41 0.00 0.00	34.99 0.00 0.00	35.14 0.00 0.00	38.48 0.00 0.00	36.51 0.00 0.00	34.29 0.00 0.00	34.65 0.00 0.00	38.03 0.00 0.00	44.39 0.00 0.00	42.47 0.00 0.00	42.32 0.00 0.00	46.12 0.00 0.00	50.13 0.00 0.00	170.85 0.00 0.00	44.76 0.00 0.00	41.70 0.00 0.00	45.03 0.00 0.00
NYPA_BRENTWD____GT 24164	39.71 3.22 0.00	38.67 2.99 0.00	40.16 2.68 0.00	38.06 2.43 0.00	37.94 2.39 0.00	40.63 2.39 0.00	50.82 2.59 0.00	49.90 2.49 0.00	36.80 1.81 0.00	37.53 2.38 0.00	46.26 3.48 -4.30	42.60 3.49 -2.59	55.15 3.78 -17.08	55.36 3.90 -16.81	53.58 4.22 -11.34	51.48 5.12 -1.97	106.01 4.76 -58.79	203.04 4.93 -155.80	50.33 4.21 0.00	65.91 3.05 -12.73	178.77 7.90 -0.02	46.75 1.98 -0.01	43.86 2.16 0.00	48.26 3.23 0.00
NYPA_GOWANUS____GT5 24156	39.06 2.57 0.00	37.98 2.30 0.00	39.57 2.09 0.00	37.53 1.90 0.00	37.39 1.84 0.00	40.24 2.00 0.00	50.36 2.13 0.00	49.30 1.90 0.00	36.72 1.73 0.00	37.33 2.19 0.00	45.88 3.07 -4.33	42.22 3.09 -2.62	38.82 3.22 -1.30	40.70 3.30 -2.75	43.71 3.65 -2.03	48.85 4.33 -0.13	59.21 4.29 -12.45	62.42 4.46 -15.63	50.27 4.14 0.00	53.59 3.46 0.00	178.80 7.95 0.00	46.86 2.10 0.00	43.91 2.21 0.00	47.74 2.70 0.00
NYPA_GOWANUS____GT6 24157	39.06 2.57 0.00	37.98 2.30 0.00	39.57 2.09 0.00	37.53 1.90 0.00	37.39 1.84 0.00	40.24 2.00 0.00	50.36 2.13 0.00	49.30 1.90 0.00	36.72 1.73 0.00	37.33 2.19 0.00	45.88 3.07 -4.33	42.22 3.09 -2.62	38.82 3.22 -1.30	40.70 3.30 -2.75	43.71 3.65 -2.03	48.85 4.33 -0.13	59.21 4.29 -12.45	62.42 4.46 -15.63	50.27 4.14 0.00	53.59 3.46 0.00	178.80 7.95 0.00	46.86 2.10 0.00	43.91 2.21 0.00	47.74 2.70 0.00
NYPA_HARLEM__RVR__GT1 24160	39.01 2.52 0.00	37.91 2.24 0.00	39.49 2.00 0.00	37.47 1.84 0.00	37.35 1.80 0.00	40.20 1.96 0.00	50.28 2.04 0.00	49.26 1.85 0.00	36.65 1.66 0.00	37.20 2.06 0.00	45.73 2.92 -4.33	42.12 2.98 -2.62	38.75 3.15 -1.30	40.55 3.16 -2.75	43.62 3.56 -2.03	48.70 4.18 -0.13	58.99 4.07 -12.45	62.27 4.32 -15.63	50.08 3.96 0.00	53.30 3.17 0.00	178.08 7.23 0.00	46.62 1.85 0.00	43.69 1.99 0.00	47.48 2.45 0.00
NYPA_HARLEM__RVR__GT2 24161	39.01 2.52 0.00	37.91 2.24 0.00	39.49 2.00 0.00	37.47 1.84 0.00	37.35 1.80 0.00	40.20 1.96 0.00	50.28 2.04 0.00	49.26 1.85 0.00	36.65 1.66 0.00	37.20 2.06 0.00	45.73 2.92 -4.33	42.12 2.98 -2.62	38.75 3.15 -1.30	40.55 3.16 -2.75	43.62 3.56 -2.03	48.70 4.18 -0.13	58.99 4.07 -12.45	62.27 4.32 -15.63	50.08 3.96 0.00	53.30 3.17 0.00	178.08 7.23 0.00	46.62 1.85 0.00	43.69 1.99 0.00	47.48 2.45 0.00
NYPA_KENT____GT 24152	39.08 2.59 0.00	37.99 2.31 0.00	39.59 2.10 0.00	37.55 1.92 0.00	37.41 1.87 0.00	40.26 2.02 0.00	50.38 2.15 0.00	49.34 1.93 0.00	36.74 1.75 0.00	37.37 2.22 0.00	45.91 3.10 -4.33	42.25 3.12 -2.62	38.84 3.24 -1.30	40.71 3.31 -2.75	43.74 3.68 -2.03	48.86 4.34 -0.13	59.19 4.27 -12.45	62.38 4.43 -15.63	50.26 4.14 0.00	53.58 3.45 0.00	178.77 7.92 0.00	46.80 2.04 0.00	43.89 2.20 0.00	47.73 2.69 0.00
NYPA_POUCH1____GT 24155	39.06 2.57 0.00	37.99 2.31 0.00	39.59 2.11 0.00	37.55 1.92 0.00	37.41 1.87 0.00	40.27 2.03 0.00	50.33 2.10 0.00	49.24 1.83 0.00	36.70 1.72 0.00	37.27 2.13 0.00	45.78 2.97 -4.33	42.09 2.95 -2.62	38.69 3.09 -1.30	40.60 3.20 -2.75	43.59 3.53 -2.03	48.71 4.19 -0.13	59.09 4.17 -12.45	62.32 4.36 -15.63	50.12 4.00 0.00	53.45 3.31 0.00	178.21 7.36 0.00	46.80 2.04 0.00	43.85 2.15 0.00	47.64 2.60 0.00
NYPA_VERNON____GT2 24162	39.11 2.61 0.00	38.01 2.34 0.00	39.61 2.12 0.00	37.57 1.94 0.00	37.44 1.89 0.00	40.28 2.04 0.00	50.41 2.18 0.00	49.36 1.95 0.00	36.75 1.77 0.00	37.40 2.26 0.00	45.93 3.12 -4.33	42.28 3.15 -2.62	38.87 3.27 -1.30	40.72 3.32 -2.75	43.75 3.69 -2.03	48.87 4.35 -0.13	59.16 4.24 -12.45	62.34 4.39 -15.63	50.24 4.12 0.00	53.55 3.42 0.00	178.73 7.88 0.00	46.74 1.98 0.00	43.87 2.17 0.00	47.71 2.68 0.00
NYPA_VERNON____GT3 24163	39.11 2.61 0.00	38.01 2.34 0.00	39.61 2.12 0.00	37.57 1.94 0.00	37.44 1.89 0.00	40.28 2.04 0.00	50.41 2.18 0.00	49.36 1.95 0.00	36.75 1.77 0.00	37.40 2.26 0.00	45.93 3.12 -4.33	42.28 3.15 -2.62	38.87 3.27 -1.30	40.72 3.32 -2.75	43.75 3.69 -2.03	48.87 4.35 -0.13	59.16 4.24 -12.45	62.34 4.39 -15.63	50.24 4.12 0.00	53.55 3.42 0.00	178.73 7.88 0.00	46.74 1.98 0.00	43.87 2.17 0.00	47.71 2.68 0.00
NYPA__ASTORIA_CC1 323568	39.04 2.55 0.00	37.95 2.28 0.00	39.55 2.06 0.00	37.51 1.89 0.00	37.37 1.83 0.00	40.22 1.98 0.00	50.32 2.09 0.00	49.28 1.87 0.00	36.70 1.71 0.00	37.32 2.18 0.00	45.86 3.05 -4.33	42.21 3.08 -2.62	38.81 3.21 -1.30	40.64 3.24 -2.75	43.67 3.60 -2.03	48.75 4.23 -0.13	59.04 4.12 -12.45	62.23 4.28 -15.63	50.12 3.99 0.00	53.42 3.29 0.00	178.35 7.50 0.00	46.65 1.89 0.00	43.79 2.09 0.00	47.61 2.58 0.00
NYPA__ASTORIA_CC2 323569	39.04 2.55 0.00	37.95 2.28 0.00	39.55 2.06 0.00	37.51 1.89 0.00	37.37 1.83 0.00	40.22 1.98 0.00	50.32 2.09 0.00	49.28 1.87 0.00	36.70 1.71 0.00	37.32 2.18 0.00	45.86 3.05 -4.33	42.21 3.08 -2.62	38.81 3.21 -1.30	40.64 3.24 -2.75	43.67 3.60 -2.03	48.75 4.23 -0.13	59.04 4.12 -12.45	62.23 4.28 -15.63	50.12 3.99 0.00	53.42 3.29 0.00	178.35 7.50 0.00	46.65 1.89 0.00	43.79 2.09 0.00	47.61 2.58 0.00
NYPA__HOLTSVILL 23794	39.43 2.94 0.00	38.43 2.76 0.00	39.83 2.35 0.00	37.74 2.12 0.00	37.63 2.09 0.00	40.33 2.09 0.00	50.42 2.19 0.00	49.49 2.09 0.00	36.42 1.44 0.00	37.27 2.13 0.00	46.09 3.32 -4.30	42.35 3.25 -2.59	54.92 3.55 -17.08	54.98 3.52 -16.81	53.10 3.73 -11.34	50.94 4.58 -1.97	66.54 4.21 -19.87	79.35 4.41 -32.62	49.87 3.74 0.00	54.30 2.71 -1.46	176.51 5.66 0.00	46.22 1.45 0.00	43.44 1.74 0.00	47.85 2.82 0.00

NYPA_____HELLGATE_GT1 24158	39.01 2.52 0.00	37.91 2.24 0.00	39.49 2.00 0.00	37.47 1.84 0.00	37.35 1.80 0.00	40.20 1.96 0.00	50.28 2.04 0.00	49.26 1.85 0.00	36.65 1.66 0.00	37.20 2.06 0.00	45.73 2.92 -4.33	42.12 2.98 -2.62	38.75 3.15 -1.30	40.55 3.16 -2.75	43.62 3.56 -2.03	48.70 4.18 -0.13	58.99 4.07 -12.45	62.27 4.32 -15.63	50.09 3.96 0.00	53.34 3.20 0.00	178.20 7.35 0.00	46.64 1.88 0.00	43.73 2.03 0.00	47.50 2.47 0.00
NYPA_____HELLGATE_GT2 24159	39.01 2.52 0.00	37.91 2.24 0.00	39.49 2.00 0.00	37.47 1.84 0.00	37.35 1.80 0.00	40.20 1.96 0.00	50.28 2.04 0.00	49.26 1.85 0.00	36.65 1.66 0.00	37.20 2.06 0.00	45.73 2.92 -4.33	42.12 2.98 -2.62	38.75 3.15 -1.30	40.55 3.16 -2.75	43.62 3.56 -2.03	48.70 4.18 -0.13	58.99 4.07 -12.45	62.27 4.32 -15.63	50.09 3.96 0.00	53.34 3.20 0.00	178.20 7.35 0.00	46.64 1.88 0.00	43.73 2.03 0.00	47.50 2.47 0.00
NYS_BARGE___HYD 23848	33.54 -2.95 0.00	33.03 -2.64 0.00	34.83 -2.66 0.00	32.93 -2.69 0.00	33.01 -2.54 0.00	35.77 -2.47 0.00	45.87 -2.36 0.00	44.91 -2.50 0.00	33.21 -1.78 0.00	33.48 -1.66 0.00	36.31 -2.16 0.00	34.53 -1.98 0.00	27.31 -1.96 5.02	23.93 -2.02 8.70	28.66 -2.13 7.24	31.39 -2.94 10.06	31.88 -2.07 8.51	35.97 -2.38 3.97	43.55 -2.58 0.00	47.24 -2.83 0.06	162.35 -8.50 0.00	42.69 -2.06 0.02	39.27 -1.87 0.56	42.57 -2.14 0.32
OAK ORCHARD___HYD 24046	35.11 -1.38 0.00	34.43 -1.24 0.00	36.23 -1.26 0.00	34.31 -1.31 0.00	34.32 -1.23 0.00	37.12 -1.12 0.00	47.35 -0.88 0.00	46.56 -0.85 0.00	34.32 -0.67 0.00	34.52 -0.62 0.00	37.62 -0.86 0.00	35.73 -0.77 0.00	33.41 -0.88 0.00	33.67 -0.98 0.00	36.97 -1.06 0.00	42.92 -1.48 0.00	41.62 -0.84 0.00	41.60 -0.72 0.00	45.50 -0.63 0.00	49.28 -0.79 0.07	168.69 -2.16 0.00	44.13 -0.62 0.01	40.76 -0.63 0.30	43.93 -0.89 0.21
OAKDALE__35_KV_LOAD 356122	36.13 -0.36 0.00	35.38 -0.29 0.00	37.20 -0.28 0.00	35.29 -0.34 0.00	35.26 -0.29 0.00	37.98 -0.26 0.00	48.11 -0.12 0.00	47.27 -0.14 0.00	34.78 -0.21 0.00	35.08 -0.06 0.00	38.44 -0.04 0.00	36.58 0.07 0.00	35.32 0.10 -0.92	36.16 -0.04 -1.55	39.33 0.03 -1.26	46.14 0.00 -1.76	44.21 0.26 -1.48	43.39 0.37 -0.70	46.64 0.52 0.00	50.27 0.15 0.02	169.91 -0.93 0.00	44.34 -0.43 0.00	41.36 -0.34 0.00	44.71 -0.31 0.02
OCC_CHEM___DRP 24175	33.10 -3.39 0.00	32.70 -2.97 0.00	34.50 -2.99 0.00	32.62 -3.01 0.00	32.68 -2.87 0.00	35.39 -2.85 0.00	45.28 -2.95 0.00	44.32 -3.09 0.00	32.82 -2.17 0.00	33.15 -1.99 0.00	35.98 -2.49 0.00	34.22 -2.29 0.00	26.49 -2.44 5.35	22.78 -2.56 9.28	27.56 -3.84 7.72	29.82 -3.84 10.72	30.43 -2.96 9.07	34.53 -3.48 4.30	42.36 -3.77 0.00	45.97 -4.09 0.06	158.24 -12.60 0.00	41.70 -3.06 0.00	39.27 -2.43 0.00	42.31 -2.67 0.06
OH_GEN_PROXY 24063	33.37 -3.12 0.00	32.89 -2.78 0.00	34.70 -2.78 0.00	32.82 -2.80 0.00	32.87 -2.68 0.00	35.58 -2.66 0.00	45.52 -2.71 0.00	44.61 -2.80 0.00	32.47 -2.01 0.51	33.34 -1.80 0.00	36.23 -2.25 0.00	34.45 -2.06 0.00	27.61 -2.17 4.52	24.51 -2.31 7.84	29.05 -2.46 6.52	31.99 -3.35 9.05	32.30 -2.51 7.66	35.88 -2.76 3.68	43.18 -2.94 0.00	46.81 -3.25 0.06	160.85 -10.00 0.00	86.46 -2.50 -44.20	38.79 -2.20 0.71	42.16 -2.47 0.40
OLIN_CORP_DRP 24177	33.01 -3.49 0.00	32.50 -3.17 0.00	34.30 -3.19 0.00	32.43 -3.20 0.00	32.50 -3.05 0.00	35.22 -3.03 0.00	45.11 -3.12 0.00	44.12 -3.29 0.00	32.69 -2.30 0.00	32.99 -2.15 0.00	35.79 -2.69 0.00	34.05 -2.46 0.00	26.35 -2.41 5.53	22.60 -2.47 9.58	27.44 -2.62 7.97	29.78 -3.54 11.07	30.43 -2.67 9.36	34.87 -3.07 4.38	42.69 -3.43 0.00	46.35 -3.72 0.06	159.36 -11.48 0.00	42.01 -2.76 0.00	39.19 -2.51 0.00	42.18 -2.79 0.06
OLIN_CORP_DSASP 323712	33.10 -3.39 0.00	32.70 -2.97 0.00	34.50 -2.99 0.00	32.62 -3.01 0.00	32.68 -2.87 0.00	35.39 -2.85 0.00	45.28 -2.95 0.00	44.32 -3.09 0.00	32.82 -2.17 0.00	33.15 -1.99 0.00	35.98 -2.49 0.00	34.22 -2.29 0.00	26.49 -2.44 5.35	22.78 -2.59 9.28	27.56 -2.75 7.72	29.82 -3.84 10.72	30.43 -2.96 9.07	34.53 -3.48 4.30	42.36 -3.77 0.00	45.97 -4.09 0.06	158.24 -12.60 0.00	41.70 -3.06 0.00	39.27 -2.43 0.00	42.31 -2.67 0.06
ONEIDA_HERK_LFGE 323681	36.86 0.37 0.00	36.01 0.33 0.00	37.95 0.47 0.00	36.10 0.47 0.00	35.97 0.42 0.00	38.77 0.53 0.00	49.24 1.01 0.00	48.42 1.01 0.00	35.46 0.47 0.00	35.32 0.18 0.00	38.54 0.06 0.00	36.36 -0.15 0.00	34.07 -0.22 0.00	34.44 -0.21 0.00	37.83 -0.20 0.00	44.03 -0.36 0.00	42.29 -0.17 0.00	42.55 0.23 0.00	47.01 0.89 0.00	51.29 1.16 0.00	175.33 4.49 0.00	45.79 1.03 0.00	42.56 0.86 0.00	45.84 0.81 0.00
ONEIDA___115KV_TB4 55905	37.16 0.67 0.00	36.32 0.65 0.00	38.16 0.68 0.00	36.27 0.64 0.00	36.21 0.66 0.00	39.03 0.79 0.00	49.47 1.24 0.00	48.66 1.25 0.00	35.75 0.76 0.00	35.67 0.53 0.00	38.94 0.47 0.00	36.87 0.36 0.00	34.56 0.27 0.00	34.87 0.22 0.00	38.35 0.32 0.00	44.71 0.32 0.00	42.90 0.43 0.00	43.09 0.77 0.00	47.55 1.43 0.00	51.65 1.53 0.01	175.74 4.90 0.00	45.88 1.12 0.00	42.67 0.97 0.00	45.96 0.94 0.01
ONONDAGA_REF_OCCRA 23987	36.19 -0.30 0.00	35.40 -0.27 0.00	37.17 -0.31 0.00	35.28 -0.34 0.00	35.24 -0.31 0.00	38.00 -0.24 0.00	48.11 -0.12 0.00	47.38 -0.03 0.00	34.90 -0.09 0.00	35.06 -0.08 0.00	38.32 -0.16 0.00	36.39 -0.12 0.00	34.22 -0.07 0.00	34.42 -0.23 0.00	37.72 -0.31 0.00	44.02 -0.37 0.00	42.28 -0.18 0.00	42.33 0.01 0.00	46.33 0.20 0.00	50.15 0.04 0.02	170.31 -0.53 0.00	44.52 -0.24 0.00	41.45 -0.25 0.00	44.65 -0.37 0.02
ONONDAGA___COGEN 23986	36.30 -0.19 0.00	35.49 -0.18 0.00	37.29 -0.19 0.00	35.40 -0.23 0.00	35.35 -0.20 0.00	38.12 -0.12 0.00	48.30 0.07 0.00	47.56 0.15 0.00	35.01 0.02 0.00	35.13 0.00 0.00	38.42 -0.05 0.00	36.59 0.08 0.00	34.59 0.29 0.00	34.60 -0.05 0.00	37.72 -0.31 0.00	43.97 -0.42 0.00	42.24 -0.22 0.00	42.31 -0.01 0.00	46.34 0.22 0.00	50.18 0.04 -0.01	170.35 -0.50 0.00	44.56 -0.20 0.00	41.48 -0.22 0.00	44.71 -0.33 -0.01
ONTARIO___LFGE 23819	35.88 -0.62 0.00	35.18 -0.49 0.00	36.99 -0.49 0.00	35.05 -0.58 0.00	35.08 -0.47 0.00	37.89 -0.35 0.00	48.13 -0.11 0.00	47.43 0.01 0.00	34.89 -0.09 0.00	34.96 -0.18 0.00	38.09 -0.39 0.00	36.25 -0.26 0.00	37.24 -0.38 -3.34	39.57 -0.73 -5.65	41.75 -0.90 -4.62	49.44 -1.37 -6.42	47.06 -0.84 -5.43	44.59 -0.27 -2.54	46.61 0.48 0.00	50.35 0.26 0.04	169.87 -0.98 0.00	44.65 -0.12 0.00	41.64 -0.06 0.00	44.77 -0.23 0.03
ORANGEVILLE_WT_PWR 323706	33.67 -2.83 0.00	33.29 -2.39 0.00	35.20 -2.29 0.00	33.32 -2.31 0.00	33.39 -2.16 0.00	36.13 -2.11 0.00	46.19 -2.04 0.00	45.42 -1.99 0.00	33.40 -1.59 0.00	33.72 -1.42 0.00	36.57 -1.91 0.00	34.73 -1.78 0.00	10.73 -2.01 21.55	-4.77 -2.22 37.21	4.75 -2.39 30.90	-1.65 -3.12 42.92	3.78 -2.39 36.30	23.17 -2.14 17.00	44.36 -1.76 0.00	48.07 -2.01 0.05	163.73 -7.12 0.00	43.01 -1.74 0.01	40.10 -1.42 0.18	43.46 -1.44 0.13

ORANGEVILLE___ESR 323794	33.67 -2.83 0.00	33.29 -2.39 0.00	35.20 -2.29 0.00	33.32 -2.31 0.00	33.39 -2.16 0.00	36.13 -2.11 0.00	46.19 -2.04 0.00	45.42 -1.99 0.00	33.40 -1.59 0.00	33.72 -1.42 0.00	36.57 -1.91 0.00	34.73 -1.78 0.00	10.73 -2.01 21.55	-4.77 -2.22 37.21	4.75 -2.39 30.90	-1.65 -3.12 42.92	3.78 -2.39 36.30	23.17 -2.14 17.00	44.36 -1.76 0.00	48.07 -2.01 0.05	163.73 -7.12 0.00	43.01 -1.74 0.01	40.10 -1.42 0.18	43.46 -1.44 0.13
OSWEGATCHIE___HYD 24044	36.38 -0.11 0.00	35.59 -0.08 0.00	37.59 0.11 0.00	35.82 0.19 0.00	35.59 0.04 0.00	38.37 0.14 0.00	48.85 0.62 0.00	48.06 0.65 0.00	35.08 0.09 0.00	34.83 -0.31 0.00	37.94 -0.54 0.00	35.72 -0.79 0.00	33.34 -0.95 0.00	33.82 -0.83 0.00	36.88 -1.15 0.00	42.74 -1.65 0.00	40.87 -1.60 0.00	40.98 -1.34 0.00	45.51 -0.62 0.00	50.17 0.03 0.00	173.12 2.27 0.00	45.37 0.61 0.00	42.16 0.46 0.00	45.52 0.49 0.00
OSWEGO___5 23606	35.29 -1.20 0.00	34.51 -1.17 0.00	36.26 -1.22 0.00	34.45 -1.18 0.00	34.39 -1.16 0.00	37.04 -1.20 0.00	46.80 -1.44 0.00	46.03 -1.38 0.00	33.93 -1.06 0.00	34.08 -1.06 0.00	37.28 -1.20 0.00	35.38 -1.13 0.00	33.21 -1.08 0.00	33.61 -1.04 0.00	36.96 -1.07 0.00	43.09 -1.30 0.00	41.35 -1.11 0.00	41.33 -0.99 0.00	45.16 -0.96 0.00	49.15 -1.18 -0.20	166.53 -4.31 0.00	43.60 -1.16 0.00	40.61 -1.09 0.00	43.98 -1.23 -0.18
OSWEGO___6 23613	35.29 -1.20 0.00	34.51 -1.17 0.00	36.26 -1.22 0.00	34.45 -1.18 0.00	34.39 -1.16 0.00	37.04 -1.20 0.00	46.80 -1.44 0.00	46.03 -1.38 0.00	33.93 -1.06 0.00	34.08 -1.06 0.00	37.28 -1.20 0.00	35.38 -1.13 0.00	33.21 -1.08 0.00	33.61 -1.04 0.00	36.96 -1.07 0.00	43.09 -1.30 0.00	41.35 -1.11 0.00	41.33 -0.99 0.00	45.16 -0.96 0.00	49.15 -1.18 -0.20	166.53 -4.31 0.00	43.60 -1.16 0.00	40.61 -1.09 0.00	43.98 -1.23 -0.18
OUTOKUMPU-AB___DRP 24206	33.83 -2.67 0.00	33.36 -2.31 0.00	35.15 -2.33 0.00	33.23 -2.40 0.00	33.29 -2.26 0.00	36.07 -2.17 0.00	46.23 -2.00 0.00	45.34 -2.07 0.00	33.54 -1.44 0.00	33.87 -1.27 0.00	36.78 -1.70 0.00	34.99 -1.53 0.00	26.84 -1.65 5.80	22.83 -1.77 10.05	27.84 -1.83 8.36	30.14 -2.63 11.62	30.86 -1.77 9.82	35.68 -2.09 4.54	43.87 -2.26 0.00	47.56 -2.51 0.06	163.27 -7.57 0.00	42.92 -1.84 0.00	40.19 -1.51 0.00	43.23 -1.74 0.06
OXBOW___BTM 323836	33.43 -3.06 0.00	33.00 -2.67 0.00	34.79 -2.69 0.00	32.89 -2.73 0.00	32.95 -2.60 0.00	35.70 -2.54 0.00	45.74 -2.49 0.00	44.79 -2.62 0.00	33.14 -1.85 0.00	33.49 -1.66 0.00	36.37 -2.10 0.00	34.59 -1.92 0.00	26.69 -2.02 5.58	22.85 -2.14 9.67	27.74 -2.25 8.04	30.04 -3.17 11.18	30.71 -2.30 9.45	35.17 -2.78 4.37	43.13 -3.00 0.00	46.77 -3.30 0.06	160.70 -10.14 0.00	42.28 -2.46 0.02	39.09 -1.99 0.63	42.44 -2.23 0.36
OXBOW___ 24026	33.44 -3.05 0.00	33.00 -2.67 0.00	34.79 -2.69 0.00	32.90 -2.73 0.00	32.95 -2.60 0.00	35.70 -2.54 0.00	45.71 -2.52 0.00	44.79 -2.62 0.00	33.16 -1.83 0.00	33.49 -1.65 0.00	36.37 -2.11 0.00	34.58 -1.93 0.00	26.64 -2.07 5.58	22.80 -2.19 9.67	27.69 -2.29 8.04	29.98 -3.24 11.18	30.64 -2.37 9.45	35.16 -2.79 4.37	43.12 -3.00 0.00	46.77 -3.30 0.06	160.69 -10.15 0.00	42.30 -2.46 0.00	39.72 -1.98 0.00	42.74 -2.23 0.06
OXY_CHEM_DSASP 323612	33.10 -3.39 0.00	32.70 -2.97 0.00	34.50 -2.99 0.00	32.62 -3.01 0.00	32.68 -2.87 0.00	35.39 -2.85 0.00	45.28 -2.95 0.00	44.32 -3.09 0.00	32.82 -2.17 0.00	33.15 -1.99 0.00	35.98 -2.49 0.00	34.22 -2.29 0.00	26.49 -2.44 5.35	22.78 -2.59 9.28	27.56 -2.75 7.72	29.82 -3.84 10.72	30.43 -2.96 9.07	34.53 -3.48 4.30	42.36 -3.77 0.00	45.97 -4.09 0.06	158.24 -12.60 0.00	41.70 -3.06 0.00	39.27 -2.43 0.00	42.31 -2.67 0.06
OZONE_PARK_ESR 323760	39.62 3.13 0.00	38.45 2.78 0.00	40.04 2.55 0.00	37.96 2.33 0.00	37.80 2.25 0.00	40.67 2.43 0.00	50.96 2.73 0.00	49.92 2.51 0.00	37.11 2.12 0.00	37.80 2.66 0.00	46.38 3.57 -4.33	42.69 3.56 -2.62	39.27 3.67 -1.31	41.16 3.76 -2.75	44.22 4.16 -2.03	49.49 4.97 -0.13	59.85 4.93 -12.46	62.99 5.04 -15.64	51.01 4.88 0.00	54.39 4.26 0.00	181.81 10.96 0.00	47.44 2.68 0.00	44.48 2.78 0.00	48.36 3.32 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	33.10 -3.39 0.00	32.70 -2.97 0.00	34.50 -2.99 0.00	32.62 -3.01 0.00	32.68 -2.87 0.00	35.39 -2.85 0.00	45.28 -2.95 0.00	44.32 -3.09 0.00	32.82 -2.17 0.00	33.15 -1.99 0.00	35.98 -2.49 0.00	34.22 -2.29 0.00	26.49 -2.44 5.35	22.78 -2.59 9.28	27.56 -2.75 7.72	29.82 -3.84 10.72	30.43 -2.96 9.07	34.53 -3.48 4.30	42.36 -3.77 0.00	45.97 -4.09 0.06	158.24 -12.60 0.00	41.70 -3.06 0.00	39.27 -2.43 0.00	42.31 -2.67 0.06
PACKARD___115KV_DUPONT_184 80571	33.10 -3.40 0.00	32.69 -2.98 0.00	34.50 -2.99 0.00	32.62 -3.01 0.00	32.68 -2.87 0.00	35.39 -2.85 0.00	45.30 -2.93 0.00	44.32 -3.09 0.00	32.80 -2.19 0.00	33.15 -1.99 0.00	36.00 -2.48 0.00	34.23 -2.28 0.00	26.54 -2.40 5.35	22.83 -2.54 9.28	27.61 -2.70 7.72	29.90 -3.77 10.72	30.50 -2.90 9.07	34.53 -3.49 4.30	42.36 -3.76 0.00	45.98 -4.09 0.06	158.22 -12.62 0.00	41.68 -3.06 0.03	38.64 -2.42 0.64	42.01 -2.67 0.36
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	39.05 2.55 0.00	37.96 2.29 0.00	39.56 2.07 0.00	37.54 1.92 0.00	37.42 1.87 0.00	40.26 2.03 0.00	50.38 2.14 0.00	49.33 1.92 0.00	36.69 1.71 0.00	37.23 2.09 0.00	45.74 2.93 -4.33	42.10 2.97 -2.62	38.74 3.14 -1.30	40.55 3.15 -2.75	43.61 3.55 -2.03	48.70 4.18 -0.13	58.99 4.07 -12.45	62.24 4.29 -15.63	50.09 3.97 0.00	53.41 3.27 0.00	178.52 7.68 0.00	46.72 1.96 0.00	43.77 2.07 0.00	47.54 2.51 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	39.82 3.32 0.00	38.72 3.05 0.00	40.36 2.88 0.00	38.32 2.69 0.00	38.19 2.64 0.00	41.12 2.88 0.00	51.48 3.25 0.00	50.39 2.98 0.00	37.48 2.49 0.00	37.97 2.83 -4.33	46.57 3.76 -2.62	42.83 3.69 -1.30	39.42 3.82 -1.30	41.27 3.87 -2.75	44.42 4.36 -2.03	49.68 5.15 -0.13	59.97 5.05 -12.45	63.18 5.22 -15.63	51.11 4.99 0.00	54.31 4.17 0.00	182.22 11.37 0.00	47.71 2.95 0.00	44.76 3.06 0.00	48.61 3.58 0.00
PATROON___115KV_TB1 80586	37.60 1.11 0.00	36.78 1.10 0.00	38.63 1.14 0.00	36.74 1.11 0.00	36.67 1.13 0.00	39.44 1.20 0.00	49.57 1.34 0.00	48.75 1.34 0.00	35.98 0.99 0.00	36.08 0.94 0.00	39.96 0.90 -0.58	37.42 0.91 0.00	35.17 0.88 0.00	35.51 0.86 0.00	38.86 0.83 0.00	45.43 1.04 0.00	43.36 0.89 0.00	43.44 1.12 0.00	47.21 1.08 0.00	50.90 0.76 0.00	172.86 2.01 0.00	45.28 0.52 0.00	42.32 0.62 0.00	45.74 0.71 0.00
PATTRSNVILLE___SOLAR 323815	37.56 1.07 0.00	36.65 0.98 0.00	38.52 1.04 0.00	36.61 0.98 0.00	36.57 1.02 0.00	39.35 1.11 0.00	49.64 1.41 0.00	48.68 1.27 0.00	35.67 0.68 0.00	35.68 0.54 0.00	39.03 0.55 0.00	36.82 0.31 0.00	34.58 0.28 0.00	34.94 0.29 0.00	38.28 0.25 0.00	44.68 0.29 0.00	42.78 0.32 0.00	43.07 0.75 0.00	47.38 1.26 0.00	51.62 1.49 0.00	175.58 4.73 0.00	45.99 1.22 0.00	42.88 1.18 0.00	46.25 1.22 0.00

PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	34.11 -2.39 0.00	33.59 -2.08 0.00	35.42 -2.07 0.00	33.47 -2.16 0.00	33.53 -2.02 0.00	36.31 -1.93 0.00	46.57 -1.67 0.00	45.69 -1.72 0.00	33.80 -1.19 0.00	34.17 -0.97 0.00	37.10 -1.38 0.00	35.34 -1.17 0.00	26.24 -1.18 6.87	21.48 -1.28 11.89	26.90 -1.25 9.88	28.84 -1.91 13.65	29.89 -1.03 11.54	35.65 -1.27 5.40	44.72 -1.41 0.00	48.46 -1.61 0.06	166.05 -4.80 0.00	43.59 -1.17 0.00	40.68 -1.02 0.00	43.63 -1.35 0.05
PAWLING_115_KV_BK3_REV_LBMP_H 345028	39.06 2.57 0.00	38.01 2.34 0.00	39.66 2.18 0.00	37.62 1.99 0.00	37.49 1.95 0.00	40.33 2.10 0.00	50.67 2.44 0.00	49.73 2.32 0.00	36.86 1.87 0.00	37.36 2.22 0.00	41.44 2.94 -0.02	39.68 3.01 -0.16	37.49 3.12 -0.08	38.07 3.25 -0.17	41.77 3.61 -0.12	48.81 4.41 0.00	54.66 4.31 -7.88	56.87 4.40 -10.15	50.44 4.32 0.00	53.86 3.73 0.00	180.48 9.63 0.00	47.10 2.34 0.00	44.07 2.37 0.00	47.78 2.74 0.00
PEEKSKILL____ 23653	38.68 2.18 0.00	37.63 1.96 0.00	39.25 1.77 0.00	37.22 1.60 0.00	37.10 1.55 0.00	39.88 1.65 0.00	50.03 1.79 0.00	49.07 1.66 0.00	36.40 1.41 0.00	36.95 1.81 0.00	45.54 2.55 -4.51	38.26 2.60 0.86	36.63 2.77 0.43	36.59 2.83 0.90	40.53 3.16 0.66	48.17 3.82 0.04	60.91 3.83 -14.61	65.20 3.95 -18.94	49.91 3.79 0.00	53.28 3.15 0.00	178.32 7.47 0.00	46.49 1.73 0.00	43.50 1.80 0.00	47.26 2.23 0.00
PGE MADISON____WINDPWR 24146	37.08 0.58 0.00	36.13 0.46 0.00	37.99 0.51 0.00	36.24 0.61 0.00	36.43 0.88 0.00	39.56 1.32 0.00	50.34 2.11 0.00	50.03 2.62 0.00	36.53 1.54 0.00	35.91 0.78 0.00	39.06 0.59 0.00	36.63 0.12 0.00	35.43 -0.16 -1.29	36.31 -0.52 -2.17	39.59 -0.21 -1.77	46.85 -0.01 -2.46	44.80 0.26 -2.08	44.23 0.93 -0.98	48.47 2.34 0.00	53.14 3.03 0.01	182.46 11.62 0.00	47.62 2.86 0.00	44.18 2.48 0.00	47.12 2.10 0.01
PIERCEFIELD____HYD 23852	36.47 -0.03 0.00	35.72 0.05 0.00	37.68 0.19 0.00	35.87 0.25 0.00	35.65 0.11 0.00	38.40 0.16 0.00	48.66 0.43 0.00	47.79 0.38 0.00	35.14 0.15 0.00	35.09 -0.05 0.00	38.22 -0.25 0.00	36.12 -0.39 0.00	33.71 -0.58 0.00	34.24 -0.41 0.00	37.16 -0.86 0.00	43.05 -1.34 0.00	40.90 -1.56 0.00	40.68 -1.64 0.00	44.76 -1.36 0.00	49.40 -0.73 0.00	170.88 0.03 0.00	44.96 0.19 0.00	41.86 0.16 0.00	45.37 0.33 0.00
PINELAWN_CC_1 323563	39.50 3.01 0.00	38.45 2.78 0.00	39.94 2.45 0.00	37.84 2.22 0.00	37.73 2.18 0.00	40.45 2.22 0.00	50.61 2.38 0.00	49.74 2.33 0.00	36.73 1.74 0.00	37.41 2.26 0.00	46.09 3.31 -4.30	42.39 3.29 -2.59	54.92 3.55 -17.08	55.18 3.72 -16.81	53.39 4.02 -11.34	51.29 4.93 -1.97	65.91 4.65 -18.79	81.42 4.85 -34.25	50.45 4.33 0.00	55.22 3.38 -1.71	178.99 8.14 0.00	46.69 1.93 0.00	43.78 2.08 0.00	48.10 3.07 0.00
PJM_GEN_HTP_PROXY 323702	38.99 2.50 0.00	37.90 2.23 0.00	39.51 2.03 0.00	37.47 1.84 0.00	37.33 1.79 0.00	40.16 1.93 0.00	49.40 2.10 0.93	53.73 1.92 -4.40	37.01 1.68 -0.35	37.29 2.15 0.00	45.78 2.97 -4.34	42.15 3.01 -2.63	38.75 3.15 -1.31	40.62 3.22 -2.75	43.64 3.58 -2.03	48.80 4.28 -0.13	59.17 4.24 -12.47	62.27 4.35 -15.60	50.26 4.14 0.00	53.56 3.43 0.00	179.06 8.21 0.00	46.71 1.95 0.00	42.58 2.07 1.19	46.14 2.56 1.45
PJM_GEN_KEystone 24065	32.96 -0.35 3.19	35.39 -0.28 0.00	37.12 -0.37 0.00	35.14 -0.49 0.00	31.74 -0.47 3.34	33.61 -0.44 4.18	44.41 -0.24 3.58	52.54 -0.03 -5.16	35.36 0.02 -0.35	35.52 0.38 0.00	32.54 0.69 6.63	37.27 0.83 0.07	0.77 0.88 34.40	33.61 0.80 1.83	37.47 0.93 1.49	43.48 1.05 1.96	52.19 1.41 -8.32	55.75 1.39 -12.04	47.44 1.32 0.00	67.84 0.66 -17.05	156.23 -0.36 14.26	43.68 -0.40 0.69	32.62 -0.21 8.87	36.72 -0.02 8.29
PJM_GEN_NEPTUNE_PROXY 323594	39.07 2.57 0.00	38.00 2.33 0.00	39.52 2.03 0.00	37.47 1.84 0.00	37.35 1.80 0.00	40.06 1.83 0.00	49.17 1.87 0.93	53.56 1.74 -4.40	36.69 1.36 -0.35	37.02 1.89 0.00	45.67 2.89 -4.30	42.04 2.93 -2.59	54.47 3.09 -17.08	54.63 3.17 -16.81	52.86 3.49 -11.34	50.63 4.27 -1.97	58.84 4.00 -12.37	61.98 4.17 -15.49	49.80 3.67 0.00	52.91 2.78 0.00	176.96 6.11 0.00	46.19 1.42 0.00	42.13 1.62 1.19	46.08 2.50 1.45
PJM_GEN_VFT_PROXY 323633	38.98 2.49 0.00	37.88 2.21 0.00	39.45 1.97 0.00	37.42 1.79 0.00	37.28 1.74 0.00	40.11 1.87 0.00	49.27 1.98 0.93	53.59 1.78 -4.40	36.90 1.57 -0.35	37.18 2.05 0.00	45.69 2.88 -4.33	42.07 2.93 -2.62	38.70 3.11 -1.31	40.59 3.19 -2.75	43.60 3.54 -2.03	48.75 4.23 -0.13	59.13 4.21 -12.46	62.23 4.32 -15.60	50.26 4.13 0.00	53.59 3.45 0.00	178.84 7.99 0.00	46.69 1.93 0.00	42.56 2.05 1.19	46.09 2.50 1.45
PLATSBURG_115KV_PMLD1 355749	36.08 -0.41 0.00	35.28 -0.39 0.00	37.20 -0.28 0.00	35.50 -0.13 0.00	35.37 -0.18 0.00	37.95 -0.29 0.00	48.10 -0.13 0.00	47.23 -0.18 0.00	34.84 -0.14 0.00	34.87 -0.27 0.00	38.04 -0.44 0.00	36.02 -0.49 0.00	33.74 -0.55 0.00	34.11 -0.54 0.00	37.42 -0.62 0.00	43.81 -0.58 0.00	42.08 -0.39 0.00	42.08 -0.24 0.00	46.07 -0.06 0.00	50.45 0.32 0.00	173.20 2.35 0.00	45.56 0.80 0.00	42.26 0.56 0.00	45.58 0.54 0.00
PLEASANTVLY____LBMP 24000	38.46 1.97 0.00	37.44 1.77 0.00	39.10 1.61 0.00	37.11 1.49 0.00	36.99 1.44 0.00	39.75 1.51 0.00	49.84 1.61 0.00	48.86 1.45 0.00	36.24 1.25 0.00	36.70 1.56 0.00	42.36 2.21 -1.68	38.77 2.25 0.00	36.70 2.41 0.00	37.13 2.47 0.00	40.78 2.75 0.00	47.70 3.31 0.00	52.15 3.28 -6.40	53.95 3.39 -8.24	49.32 3.20 0.00	52.70 2.57 0.00	176.79 5.95 0.00	46.15 1.39 0.00	43.20 1.50 0.00	46.92 1.89 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	38.82 2.33 0.00	37.78 2.11 0.00	39.41 1.92 0.00	37.39 1.76 0.00	37.24 1.69 0.00	40.06 1.82 0.00	50.21 1.98 0.00	49.25 1.84 0.00	36.56 1.57 0.00	37.11 1.97 0.00	44.51 2.74 -3.29	41.09 2.76 -1.81	38.11 2.91 -0.90	39.53 2.98 -1.90	42.75 3.32 -1.40	48.48 4.00 -0.09	56.49 3.98 -10.05	59.07 4.09 -12.66	50.02 3.90 0.00	53.39 3.26 0.00	178.84 7.99 0.00	46.62 1.85 0.00	43.63 1.93 0.00	47.42 2.38 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	38.82 2.33 0.00	37.78 2.11 0.00	39.41 1.92 0.00	37.39 1.76 0.00	37.24 1.69 0.00	40.06 1.82 0.00	50.21 1.98 0.00	49.25 1.84 0.00	36.56 1.57 0.00	37.11 1.97 0.00	44.51 2.74 -3.29	41.09 2.76 -1.81	38.11 2.91 -0.90	39.53 2.98 -1.90	42.75 3.32 -1.40	48.48 4.00 -0.09	56.49 3.98 -10.05	59.07 4.09 -12.66	50.02 3.90 0.00	53.39 3.26 0.00	178.84 7.99 0.00	46.62 1.85 0.00	43.63 1.93 0.00	47.42 2.38 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	38.72 2.23 0.00	37.70 2.03 0.00	39.36 1.88 0.00	37.38 1.75 0.00	37.26 1.71 0.00	40.05 1.82 0.00	50.30 2.07 0.00	49.35 1.94 0.00	36.56 1.57 0.00	36.97 1.83 0.00	40.92 2.43 -0.01	39.06 2.45 -0.09	36.93 2.59 -0.05	37.43 2.68 -0.10	41.09 2.99 -0.07	48.04 3.65 0.00	52.52 3.64 -6.42	54.34 3.77 -8.25	49.82 3.70 0.00	53.30 3.17 0.00	178.98 8.13 0.00	46.68 1.92 0.00	43.63 1.94 0.00	47.30 2.26 0.00

POLETTI____ 23519	39.09 2.60 0.00	37.99 2.32 0.00	39.59 2.11 0.00	37.54 1.92 0.00	37.41 1.86 0.00	40.25 2.01 0.00	50.36 2.13 0.00	49.27 1.86 0.00	36.65 1.67 0.00	37.34 2.20 0.00	45.86 3.05 -4.33	42.18 3.05 -2.62	38.75 3.15 -1.30	40.63 3.23 -2.75	43.63 3.57 -2.03	48.78 4.26 -0.13	59.13 4.21 -12.45	62.26 4.31 -15.63	50.23 4.11 0.00	53.54 3.41 0.00	178.91 8.06 0.00	46.70 1.93 0.00	43.83 2.14 0.00	47.74 2.70 0.00
POMONA____ESR 323819	38.68 2.19 0.00	37.63 1.96 0.00	39.26 1.78 0.00	37.23 1.60 0.00	37.10 1.55 0.00	39.88 1.65 0.00	50.06 1.83 0.00	49.11 1.70 0.00	36.43 1.44 0.00	36.98 1.84 0.00	34.42 2.59 6.64	38.50 2.66 0.67	36.81 2.85 0.33	36.87 2.92 0.70	40.78 3.27 0.52	48.33 3.97 0.03	69.53 4.02 -23.05	76.22 4.13 -29.77	50.12 3.99 0.00	53.50 3.37 0.00	178.98 8.14 0.00	46.61 1.84 0.00	43.57 1.87 0.00	47.31 2.28 0.00
PORT_JEFF_3 23555	39.51 3.02 0.00	38.51 2.83 0.00	39.90 2.42 0.00	37.81 2.19 0.00	37.70 2.16 0.00	40.40 2.16 0.00	50.53 2.30 0.00	49.60 2.18 0.00	36.44 1.45 0.00	37.27 2.12 0.00	46.20 3.42 -4.30	42.46 3.35 -2.59	55.04 3.67 -17.08	55.10 3.65 -16.81	53.25 3.89 -11.34	51.14 4.78 -1.97	66.78 4.37 -19.95	79.88 4.44 -33.12	49.85 3.72 0.00	54.33 2.68 -1.52	176.49 5.64 0.00	46.29 1.52 0.00	43.54 1.84 0.00	47.96 2.93 0.00
PORT_JEFF_4 23616	39.51 3.02 0.00	38.51 2.83 0.00	39.90 2.42 0.00	37.81 2.19 0.00	37.70 2.16 0.00	40.40 2.16 0.00	50.53 2.30 0.00	49.60 2.18 0.00	36.44 1.45 0.00	37.27 2.12 0.00	46.20 3.42 -4.30	42.46 3.35 -2.59	55.04 3.67 -17.08	55.10 3.65 -16.81	53.25 3.89 -11.34	51.14 4.78 -1.97	66.78 4.37 -19.95	79.88 4.44 -33.12	49.85 3.72 0.00	54.33 2.68 -1.52	176.49 5.64 0.00	46.29 1.52 0.00	43.54 1.84 0.00	47.96 2.93 0.00
PORT_JEFF_IC 23713	39.61 3.11 0.00	38.58 2.92 0.00	39.98 2.50 0.00	37.89 2.26 0.00	37.78 2.23 0.00	40.48 2.24 0.00	50.64 2.41 0.00	49.71 2.30 0.00	36.39 1.40 0.00	37.24 2.10 0.00	46.31 3.53 -4.30	42.56 3.46 -2.59	55.16 3.79 -17.08	55.24 3.78 -16.81	53.38 4.02 -11.34	51.35 4.99 -1.97	66.68 4.56 -19.65	79.84 4.67 -32.85	50.07 3.94 0.00	54.57 2.90 -1.54	177.15 6.30 0.00	46.40 1.64 0.00	43.64 1.94 0.00	48.06 3.03 0.00
PPL PILGRIM_ST_GT1 24216	39.71 3.22 0.00	38.67 2.99 0.00	40.16 2.68 0.00	38.06 2.43 0.00	37.94 2.39 0.00	40.63 2.39 0.00	50.82 2.59 0.00	49.90 2.49 0.00	36.80 1.81 0.00	37.53 2.38 0.00	46.26 3.48 -4.30	42.60 3.49 -2.59	55.15 3.78 -17.08	55.36 3.90 -16.81	53.58 4.22 -11.34	51.48 5.12 -1.97	106.01 4.76 -58.79	203.04 4.93 -155.80	50.33 4.21 0.00	65.91 3.05 -12.73	178.77 7.90 -0.02	46.75 1.98 -0.01	43.86 2.16 0.00	48.26 3.23 0.00
PPL PILGRIM_ST_GT2 24217	39.71 3.22 0.00	38.67 2.99 0.00	40.16 2.68 0.00	38.06 2.43 0.00	37.94 2.39 0.00	40.63 2.39 0.00	50.82 2.59 0.00	49.90 2.49 0.00	36.80 1.81 0.00	37.53 2.38 0.00	46.26 3.48 -4.30	42.60 3.49 -2.59	55.15 3.78 -17.08	55.36 3.90 -16.81	53.58 4.22 -11.34	51.48 5.12 -1.97	106.01 4.76 -58.79	203.04 4.93 -155.80	50.33 4.21 0.00	65.91 3.05 -12.73	178.77 7.90 -0.02	46.75 1.98 -0.01	43.86 2.16 0.00	48.26 3.23 0.00
PPL_SHRM_GT3 24213	39.61 3.12 0.00	38.68 3.01 0.00	39.89 2.41 0.00	37.79 2.16 0.00	37.70 2.15 0.00	40.41 2.17 0.00	50.52 2.29 0.00	49.34 1.93 0.00	36.32 1.33 0.00	37.62 2.47 0.00	46.54 3.76 -4.30	42.57 3.47 -2.59	55.24 3.87 -17.08	54.85 3.39 -16.81	52.89 3.52 -11.34	50.72 4.36 -1.97	66.85 4.11 -20.27	81.00 4.39 -34.29	49.81 3.68 0.00	54.36 2.60 -1.64	175.98 5.14 0.00	46.13 1.37 0.00	43.35 1.65 0.00	47.92 2.89 0.00
PPL_SHRM_GT4 24214	39.61 3.12 0.00	38.68 3.01 0.00	39.89 2.41 0.00	37.79 2.16 0.00	37.70 2.15 0.00	40.41 2.17 0.00	50.52 2.29 0.00	49.34 1.93 0.00	36.32 1.33 0.00	37.62 2.47 0.00	46.54 3.76 -4.30	42.57 3.47 -2.59	55.24 3.87 -17.08	54.85 3.39 -16.81	52.89 3.52 -11.34	50.72 4.36 -1.97	66.85 4.11 -20.27	81.00 4.39 -34.29	49.81 3.68 0.00	54.36 2.60 -1.64	175.98 5.14 0.00	46.13 1.37 0.00	43.35 1.65 0.00	47.92 2.89 0.00
PROJECT____ORANGE 1 24174	35.95 -0.54 0.00	35.15 -0.52 0.00	36.94 -0.55 0.00	35.05 -0.57 0.00	35.02 -0.54 0.00	37.75 -0.48 0.00	47.79 -0.44 0.00	47.04 -0.37 0.00	34.66 -0.33 0.00	34.84 -0.30 0.00	38.11 -0.36 0.00	36.18 -0.33 0.00	33.99 -0.30 0.00	34.23 -0.42 0.00	37.55 -0.48 0.00	43.80 -0.59 0.00	42.08 -0.38 0.00	42.10 -0.22 0.00	46.03 -0.09 0.00	49.79 -0.31 0.03	169.15 -1.70 0.00	44.25 -0.51 0.00	41.19 -0.51 0.00	44.37 -0.64 0.02
PROJECT____ORANGE 2 24166	35.95 -0.54 0.00	35.15 -0.52 0.00	36.94 -0.55 0.00	35.05 -0.57 0.00	35.02 -0.54 0.00	37.75 -0.48 0.00	47.79 -0.44 0.00	47.04 -0.37 0.00	34.66 -0.33 0.00	34.84 -0.30 0.00	38.11 -0.36 0.00	36.18 -0.33 0.00	33.99 -0.30 0.00	34.23 -0.42 0.00	37.55 -0.48 0.00	43.80 -0.59 0.00	42.08 -0.38 0.00	42.10 -0.22 0.00	46.03 -0.09 0.00	49.79 -0.31 0.03	169.15 -1.70 0.00	44.25 -0.51 0.00	41.19 -0.51 0.00	44.37 -0.64 0.02
PUCKETT____SOLAR 323809	36.29 -0.21 0.00	35.52 -0.15 0.00	37.46 -0.03 0.00	35.53 -0.10 0.00	35.54 -0.01 0.00	38.39 0.15 0.00	48.71 0.48 0.00	47.95 0.54 0.00	35.12 0.13 0.00	35.16 0.02 0.00	38.40 -0.08 0.00	36.48 -0.02 0.00	34.99 -0.19 -0.89	35.77 -0.38 -1.50	38.94 -0.31 -1.22	45.87 -0.22 -1.70	43.95 0.05 -1.44	43.39 0.40 -0.67	47.06 0.93 0.00	50.89 0.77 0.02	172.74 1.89 0.00	45.17 0.40 -0.01	42.25 0.38 -0.17	45.44 0.34 -0.07
PYRITES____HYD 24023	37.22 0.73 0.00	36.46 0.78 0.00	38.45 0.97 0.00	36.60 0.97 0.00	36.38 0.84 0.00	39.22 0.98 0.00	49.77 1.53 0.00	48.77 1.36 0.00	35.69 0.70 0.00	35.50 0.35 0.00	38.62 0.14 0.00	36.51 0.00 0.00	34.02 -0.27 0.00	34.79 0.14 0.00	37.64 -0.39 0.00	43.81 -0.58 0.00	41.60 -0.86 0.00	41.56 -0.76 0.00	45.84 -0.28 0.00	50.76 0.63 0.00	175.39 4.55 0.00	46.03 1.27 0.00	42.73 1.03 0.00	46.24 1.21 0.00
QUAKERRD_115KV_BK1 80622	34.50 -1.99 0.00	33.81 -1.86 0.00	35.57 -1.92 0.00	33.71 -1.91 0.00	33.70 -1.84 0.00	36.43 -1.81 0.00	46.33 -1.90 0.00	45.49 -1.92 0.00	33.56 -1.43 0.00	33.74 -1.40 0.00	36.81 -1.67 0.00	34.97 -1.54 0.00	32.70 -1.59 0.00	32.96 -1.69 0.00	36.19 -1.84 0.00	42.04 -2.35 0.00	40.68 -1.78 0.00	40.68 -1.64 0.00	44.54 -1.58 0.00	48.27 -1.80 0.07	165.02 -5.83 0.00	43.21 -1.55 0.00	40.20 -1.50 0.00	43.18 -1.80 0.06
QUENSBRY_115KV_TB8 356137	38.31 1.82 0.00	37.33 1.67 0.00	39.16 1.67 0.00	37.25 1.62 0.00	37.16 1.62 0.00	39.93 1.70 0.00	50.66 2.43 0.00	49.74 2.33 0.00	36.44 1.45 0.00	36.24 1.10 0.00	39.37 0.90 0.00	37.48 0.97 0.00	35.20 0.91 0.00	35.61 0.96 0.00	38.90 0.87 0.00	45.33 0.94 0.00	43.48 1.01 0.00	44.03 1.71 0.00	48.25 2.13 0.00	52.32 2.19 0.00	177.93 7.08 0.00	46.67 1.91 0.00	43.80 2.10 0.00	47.08 2.05 0.00

RAMAPO___LBMP 323565	38.48 1.99 0.00	37.45 1.78 0.00	39.09 1.61 0.00	37.08 1.45 0.00	36.94 1.39 0.00	39.71 1.47 0.00	49.83 1.60 0.00	48.90 1.50 0.00	36.25 1.26 0.00	36.78 1.64 0.00	34.68 2.36 6.15	38.39 2.42 0.54	36.64 2.62 0.27	36.77 2.68 0.56	40.61 3.00 0.42	48.01 3.64 0.03	66.10 3.70 -19.94	71.89 3.81 -25.76	49.80 3.68 0.00	53.20 3.07 0.00	177.97 7.12 0.00	46.35 1.59 0.00	43.33 1.63 0.00	47.05 2.02 0.00
RANKINE____ 23646	33.96 -2.53 0.00	33.50 -2.17 0.00	35.33 -2.15 0.00	33.40 -2.23 0.00	33.46 -2.08 0.00	36.24 -2.00 0.00	46.45 -1.78 0.00	45.64 -1.77 0.00	33.74 -1.25 0.00	34.11 -1.03 0.00	37.06 -1.41 0.00	35.27 -1.24 0.00	25.77 -1.40 7.12	20.77 -1.55 12.32	26.18 -1.60 10.25	27.82 -2.31 14.26	28.97 -1.43 12.06	35.10 -1.59 5.64	44.51 -1.61 0.00	48.22 -1.86 0.06	165.15 -5.70 0.00	43.33 -1.43 0.00	40.46 -1.24 0.00	43.50 -1.48 0.05
RAVENSWOOD_GT2_1 24244	39.09 2.60 0.00	38.00 2.33 0.00	39.60 2.12 0.00	37.56 1.93 0.00	37.41 1.87 0.00	40.25 2.01 0.00	50.39 2.16 0.00	49.31 1.90 0.00	36.67 1.68 0.00	37.36 2.22 0.00	45.88 3.07 -4.33	42.21 3.07 -2.62	38.77 3.17 -1.30	40.66 3.26 -2.75	43.67 3.61 -2.03	48.82 4.30 -0.13	59.16 4.24 -12.45	62.30 4.35 -15.63	50.26 4.14 0.00	53.58 3.45 0.00	179.05 8.20 0.00	46.74 1.98 0.00	43.85 2.15 0.00	47.74 2.71 0.00
RAVENSWOOD_GT2_2 24245	39.09 2.60 0.00	38.00 2.33 0.00	39.60 2.12 0.00	37.56 1.93 0.00	37.41 1.87 0.00	40.25 2.01 0.00	50.39 2.16 0.00	49.31 1.90 0.00	36.67 1.68 0.00	37.36 2.22 0.00	45.88 3.07 -4.33	42.21 3.07 -2.62	38.77 3.17 -1.30	40.66 3.26 -2.75	43.67 3.61 -2.03	48.82 4.30 -0.13	59.16 4.24 -12.45	62.30 4.35 -15.63	50.26 4.14 0.00	53.58 3.45 0.00	179.05 8.20 0.00	46.74 1.98 0.00	43.85 2.15 0.00	47.74 2.71 0.00
RAVENSWOOD_GT2_3 24246	39.12 2.63 0.00	38.02 2.35 0.00	39.62 2.14 0.00	37.57 1.94 0.00	37.44 1.89 0.00	40.27 2.03 0.00	50.41 2.18 0.00	49.34 1.93 0.00	36.70 1.71 0.00	37.38 2.23 0.00	45.90 3.09 -4.33	42.23 3.09 -2.62	38.79 3.19 -1.30	40.69 3.29 -2.75	43.70 3.64 -2.03	48.85 4.33 -0.13	59.19 4.27 -12.45	62.33 4.38 -15.63	50.30 4.17 0.00	53.62 3.49 0.00	179.13 8.29 0.00	46.77 2.01 0.00	43.88 2.18 0.00	47.77 2.73 0.00
RAVENSWOOD_GT2_4 24247	39.12 2.63 0.00	38.02 2.35 0.00	39.62 2.14 0.00	37.57 1.94 0.00	37.44 1.89 0.00	40.27 2.03 0.00	50.41 2.18 0.00	49.34 1.93 0.00	36.70 1.71 0.00	37.38 2.23 0.00	45.90 3.09 -4.33	42.23 3.09 -2.62	38.79 3.19 -1.30	40.69 3.29 -2.75	43.70 3.64 -2.03	48.85 4.33 -0.13	59.19 4.27 -12.45	62.33 4.38 -15.63	50.30 4.17 0.00	53.62 3.49 0.00	179.13 8.29 0.00	46.77 2.01 0.00	43.88 2.18 0.00	47.77 2.73 0.00
RAVENSWOOD_GT3_1 24248	39.10 2.60 0.00	38.00 2.33 0.00	39.60 2.12 0.00	37.56 1.93 0.00	37.41 1.87 0.00	40.25 2.01 0.00	50.39 2.16 0.00	49.32 1.90 0.00	36.67 1.68 0.00	37.36 2.22 0.00	45.88 3.07 -4.33	42.21 3.08 -2.62	38.77 3.17 -1.30	40.66 3.26 -2.75	43.67 3.61 -2.03	48.82 4.30 -0.13	59.16 4.24 -12.45	62.30 4.35 -15.63	50.26 4.14 0.00	53.58 3.45 0.00	179.05 8.20 0.00	46.74 1.98 0.00	43.85 2.15 0.00	47.74 2.71 0.00
RAVENSWOOD_GT3_2 24249	39.10 2.60 0.00	38.00 2.33 0.00	39.60 2.12 0.00	37.56 1.93 0.00	37.41 1.87 0.00	40.25 2.01 0.00	50.39 2.16 0.00	49.32 1.90 0.00	36.67 1.68 0.00	37.36 2.22 0.00	45.88 3.07 -4.33	42.21 3.08 -2.62	38.77 3.17 -1.30	40.66 3.26 -2.75	43.67 3.61 -2.03	48.82 4.30 -0.13	59.16 4.24 -12.45	62.30 4.35 -15.63	50.26 4.14 0.00	53.58 3.45 0.00	179.05 8.20 0.00	46.74 1.98 0.00	43.85 2.15 0.00	47.74 2.71 0.00
RAVENSWOOD_GT3_3 24250	39.16 2.67 0.00	38.06 2.39 0.00	39.66 2.18 0.00	37.61 1.99 0.00	37.48 1.93 0.00	40.32 2.09 0.00	50.49 2.26 0.00	49.41 2.00 0.00	36.76 1.76 0.00	37.43 2.29 0.00	45.97 3.16 -4.33	42.29 3.16 -2.62	38.86 3.26 -1.30	40.74 3.35 -2.75	43.76 3.70 -2.03	48.93 4.41 -0.13	59.27 4.36 -12.45	62.41 4.46 -15.63	50.38 4.26 0.00	53.71 3.58 0.00	179.43 8.59 0.00	46.85 2.08 0.00	43.96 2.26 0.00	47.83 2.80 0.00
RAVENSWOOD_GT3_4 24251	39.16 2.67 0.00	38.06 2.39 0.00	39.66 2.18 0.00	37.61 1.99 0.00	37.48 1.93 0.00	40.32 2.09 0.00	50.49 2.26 0.00	49.41 2.00 0.00	36.76 1.76 0.00	37.43 2.29 0.00	45.97 3.16 -4.33	42.29 3.16 -2.62	38.86 3.26 -1.30	40.74 3.35 -2.75	43.76 3.70 -2.03	48.93 4.41 -0.13	59.27 4.36 -12.45	62.41 4.46 -15.63	50.38 4.26 0.00	53.71 3.58 0.00	179.43 8.59 0.00	46.85 2.08 0.00	43.96 2.26 0.00	47.83 2.80 0.00
RAVENSWOOD_GT_1 23729	39.10 2.61 0.00	38.01 2.34 0.00	39.61 2.12 0.00	37.57 1.94 0.00	37.44 1.89 0.00	40.28 2.04 0.00	50.41 2.18 0.00	49.36 1.96 0.00	36.75 1.76 0.00	37.40 2.26 0.00	45.93 3.12 -4.33	42.28 3.15 -2.62	38.87 3.27 -1.30	40.72 3.32 -2.75	43.75 3.69 -2.03	48.87 4.35 -0.13	59.17 4.25 -12.45	62.35 4.39 -15.63	50.24 4.12 0.00	53.55 3.42 0.00	178.73 7.89 0.00	46.74 1.98 0.00	43.87 2.17 0.00	47.72 2.68 0.00
RAVENSWOOD_GT_10 24258	39.10 2.61 0.00	38.00 2.33 0.00	39.60 2.12 0.00	37.56 1.93 0.00	37.42 1.87 0.00	40.25 2.01 0.00	50.39 2.16 0.00	49.31 1.90 0.00	36.67 1.68 0.00	37.36 2.22 0.00	45.88 3.07 -4.33	42.21 3.08 -2.62	38.77 3.17 -1.30	40.66 3.26 -2.75	43.67 3.61 -2.03	48.82 4.30 -0.13	59.17 4.25 -12.45	62.31 4.35 -15.63	50.28 4.15 0.00	53.59 3.46 0.00	179.08 8.23 0.00	46.74 1.98 0.00	43.86 2.16 0.00	47.74 2.71 0.00
RAVENSWOOD_GT_11 24259	39.10 2.61 0.00	38.00 2.33 0.00	39.60 2.12 0.00	37.56 1.93 0.00	37.42 1.87 0.00	40.25 2.01 0.00	50.39 2.16 0.00	49.31 1.90 0.00	36.67 1.68 0.00	37.36 2.22 0.00	45.88 3.07 -4.33	42.21 3.08 -2.62	38.77 3.17 -1.30	40.66 3.26 -2.75	43.67 3.61 -2.03	48.82 4.30 -0.13	59.17 4.25 -12.45	62.31 4.35 -15.63	50.28 4.15 0.00	53.59 3.46 0.00	179.08 8.23 0.00	46.74 1.98 0.00	43.86 2.16 0.00	47.74 2.71 0.00
RAVENSWOOD_GT_4 24252	39.09 2.59 0.00	37.99 2.31 0.00	39.59 2.11 0.00	37.55 1.92 0.00	37.41 1.86 0.00	40.25 2.01 0.00	50.38 2.15 0.00	49.31 1.90 0.00	36.68 1.69 0.00	37.35 2.21 0.00	45.88 3.07 -4.33	42.21 3.08 -2.62	38.79 3.19 -1.30	40.66 3.26 -2.75	43.67 3.61 -2.03	48.80 4.28 -0.13	59.13 4.22 -12.45	62.29 4.33 -15.63	50.23 4.10 0.00	53.54 3.40 0.00	178.82 7.97 0.00	46.72 1.96 0.00	43.83 2.14 0.00	47.70 2.66 0.00
RAVENSWOOD_GT_5 24254	39.09 2.59 0.00	37.99 2.31 0.00	39.59 2.11 0.00	37.55 1.92 0.00	37.41 1.86 0.00	40.25 2.01 0.00	50.38 2.15 0.00	49.31 1.90 0.00	36.68 1.69 0.00	37.35 2.21 0.00	45.88 3.07 -4.33	42.21 3.08 -2.62	38.79 3.19 -1.30	40.66 3.26 -2.75	43.67 3.61 -2.03	48.80 4.28 -0.13	59.13 4.22 -12.45	62.29 4.33 -15.63	50.23 4.10 0.00	53.54 3.40 0.00	178.82 7.97 0.00	46.72 1.96 0.00	43.83 2.14 0.00	47.70 2.66 0.00

RAVENSWOOD_GT_6 24253	39.09 2.59 0.00	37.99 2.31 0.00	39.59 2.11 0.00	37.55 1.92 0.00	37.41 1.86 0.00	40.25 2.01 0.00	50.38 2.15 0.00	49.31 1.90 0.00	36.68 1.69 0.00	37.35 2.21 0.00	45.88 3.07 -4.33	42.21 3.08 -2.62	38.79 3.19 -1.30	40.66 3.26 -2.75	43.67 3.61 -2.03	48.80 4.28 -0.13	59.13 4.22 -12.45	62.29 4.33 -15.63	50.23 4.10 0.00	53.54 3.40 0.00	178.82 7.97 0.00	46.72 1.96 0.00	43.83 2.14 0.00	47.70 2.66 0.00
RAVENSWOOD_GT_7 24255	39.09 2.59 0.00	37.99 2.31 0.00	39.59 2.11 0.00	37.55 1.92 0.00	37.41 1.86 0.00	40.25 2.01 0.00	50.38 2.15 0.00	49.31 1.90 0.00	36.68 1.69 0.00	37.35 2.21 0.00	45.88 3.07 -4.33	42.21 3.08 -2.62	38.79 3.19 -1.30	40.66 3.26 -2.75	43.67 3.61 -2.03	48.80 4.28 -0.13	59.13 4.22 -12.45	62.29 4.33 -15.63	50.23 4.10 0.00	53.54 3.40 0.00	178.82 7.97 0.00	46.72 1.96 0.00	43.83 2.14 0.00	47.70 2.66 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	39.10 2.61 0.00	38.00 2.33 0.00	39.60 2.12 0.00	37.56 1.93 0.00	37.42 1.87 0.00	40.25 2.01 0.00	50.39 2.16 0.00	49.31 1.90 0.00	36.67 1.68 0.00	37.36 2.22 0.00	45.88 3.07 -4.33	42.21 3.08 -2.62	38.77 3.17 -1.30	40.66 3.26 -2.75	43.67 3.61 -2.03	48.82 4.30 -0.13	59.17 4.25 -12.45	62.31 4.35 -15.63	50.28 4.15 0.00	53.59 3.46 0.00	179.08 8.23 0.00	46.74 1.98 0.00	43.86 2.16 0.00	47.74 2.71 0.00
RAVENSWOOD_GT_9 24257	39.10 2.61 0.00	38.00 2.33 0.00	39.60 2.12 0.00	37.56 1.93 0.00	37.42 1.87 0.00	40.25 2.01 0.00	50.39 2.16 0.00	49.31 1.90 0.00	36.67 1.68 0.00	37.36 2.22 0.00	45.88 3.07 -4.33	42.21 3.08 -2.62	38.77 3.17 -1.30	40.66 3.26 -2.75	43.67 3.61 -2.03	48.82 4.30 -0.13	59.17 4.25 -12.45	62.31 4.35 -15.63	50.28 4.15 0.00	53.59 3.46 0.00	179.08 8.23 0.00	46.74 1.98 0.00	43.86 2.16 0.00	47.74 2.71 0.00
RAVENSWOOD___1 23533	39.07 2.58 0.00	37.98 2.30 0.00	39.57 2.08 0.00	37.53 1.90 0.00	37.40 1.85 0.00	40.24 2.00 0.00	50.36 2.12 0.00	49.31 1.90 0.00	36.71 1.72 0.00	37.36 2.22 0.00	45.89 3.08 -4.33	42.24 3.11 -2.62	38.83 3.23 -1.30	40.68 3.28 -2.75	43.71 3.65 -2.03	48.80 4.28 -0.13	59.10 4.18 -12.45	62.28 4.33 -15.63	50.19 4.07 0.00	53.48 3.35 0.00	178.56 7.71 0.00	46.70 1.94 0.00	43.82 2.13 0.00	47.65 2.61 0.00
RAVENSWOOD___2 23534	39.07 2.58 0.00	37.98 2.30 0.00	39.57 2.08 0.00	37.53 1.90 0.00	37.40 1.85 0.00	40.24 2.00 0.00	50.35 2.12 0.00	49.26 1.85 0.00	36.67 1.68 0.00	37.29 2.15 0.00	45.84 3.03 -4.33	42.17 3.04 -2.62	38.76 3.17 -1.30	40.61 3.22 -2.75	43.63 3.57 -2.03	48.61 4.09 -0.13	58.84 3.92 -12.45	62.00 4.04 -15.63	49.89 3.77 0.00	53.17 3.04 0.00	177.38 6.53 0.00	46.44 1.68 0.00	43.61 1.91 0.00	47.41 2.37 0.00
RAVENSWOOD___3 23535	39.10 2.60 0.00	38.00 2.33 0.00	39.60 2.12 0.00	37.56 1.93 0.00	37.42 1.87 0.00	40.25 2.01 0.00	50.39 2.16 0.00	49.32 1.90 0.00	36.68 1.69 0.00	37.36 2.22 0.00	45.88 3.07 -4.33	42.21 3.08 -2.62	38.77 3.17 -1.30	40.65 3.26 -2.75	43.67 3.61 -2.03	48.81 4.29 -0.13	59.16 4.24 -12.45	62.31 4.35 -15.63	50.27 4.14 0.00	53.59 3.45 0.00	179.08 8.23 0.00	46.74 1.98 0.00	43.85 2.15 0.00	47.74 2.70 0.00
RAVENSWOOD___4 23820	39.07 2.58 0.00	37.98 2.30 0.00	39.57 2.08 0.00	37.53 1.90 0.00	37.40 1.85 0.00	40.24 2.00 0.00	50.36 2.13 0.00	49.31 1.90 0.00	36.71 1.72 0.00	37.36 2.22 0.00	45.89 3.08 -4.33	42.24 3.11 -2.62	38.83 3.23 -1.30	40.68 3.28 -2.75	43.71 3.65 -2.03	48.80 4.28 -0.13	59.10 4.18 -12.45	62.28 4.33 -15.63	50.19 4.07 0.00	53.48 3.35 0.00	178.56 7.71 0.00	46.70 1.94 0.00	43.82 2.13 0.00	47.65 2.61 0.00
RCPI_TRUST___DRP 24196	39.04 2.54 0.00	37.94 2.27 0.00	39.55 2.07 0.00	37.51 1.88 0.00	37.38 1.83 0.00	40.21 1.97 0.00	50.40 2.17 0.00	49.40 1.99 0.00	36.72 1.73 0.00	37.36 2.22 0.00	45.86 3.05 -4.34	42.22 3.09 -2.63	38.82 3.23 -1.31	40.70 3.30 -2.75	43.72 3.66 -2.03	48.89 4.37 -0.13	59.25 4.32 -12.47	62.38 4.42 -15.65	50.33 4.21 0.00	53.65 3.51 0.00	179.28 8.43 0.00	46.76 2.00 0.00	43.82 2.12 0.00	47.64 2.61 0.00
RED___ROCHESTER 323720	35.46 -1.04 0.00	34.76 -0.91 0.00	36.56 -0.93 0.00	34.61 -1.02 0.00	34.61 -0.94 0.00	37.44 -0.79 0.00	47.82 -0.42 0.00	47.03 -0.38 0.00	34.66 -0.33 0.00	34.87 -0.27 0.00	38.04 -0.44 0.00	36.13 -0.38 0.00	33.80 -0.49 0.00	34.07 -0.58 0.00	37.43 -0.60 0.00	43.47 -0.92 0.00	42.21 -0.26 0.00	42.17 -0.15 0.00	46.09 -0.04 0.00	49.88 -0.18 0.07	170.61 -0.23 0.00	44.61 -0.13 0.01	41.16 -0.23 0.31	44.34 -0.48 0.21
REGAN___SOLAR 323812	38.06 1.57 0.00	37.10 1.43 0.00	39.01 1.53 0.00	37.08 1.46 0.00	37.06 1.51 0.00	39.98 1.74 0.00	50.61 2.38 0.00	49.56 2.15 0.00	35.86 0.87 0.00	35.73 0.59 0.00	38.88 0.41 0.00	36.35 -0.16 0.00	34.04 -0.25 0.00	34.35 -0.30 0.00	37.78 -0.25 0.00	43.91 -0.48 0.00	42.13 -0.34 0.00	42.84 0.52 0.00	48.02 1.90 0.00	52.98 2.85 0.00	180.44 9.59 0.00	47.19 2.43 0.00	43.85 2.15 0.00	47.17 2.14 0.00
RENSSELAER___COGEN 23796	37.31 0.82 0.00	36.52 0.85 0.00	38.38 0.89 0.00	36.50 0.87 0.00	36.43 0.89 0.00	39.17 0.93 0.00	49.20 0.97 0.00	48.37 0.96 0.00	35.70 0.72 0.00	35.79 0.65 0.00	39.65 0.59 -0.58	37.10 0.59 0.00	34.85 0.56 0.00	35.19 0.54 0.00	37.18 0.47 1.32	44.98 0.59 0.00	42.90 0.44 0.00	42.98 0.66 0.00	46.71 0.59 0.00	50.41 0.27 0.00	171.21 0.36 0.00	44.89 0.12 0.00	41.97 0.27 0.00	45.39 0.36 0.00
REPUBLIC_115KV_BARTNBRK 55605	40.12 3.63 0.00	39.04 3.37 0.00	40.76 3.28 0.00	38.73 3.11 0.00	38.64 3.09 0.00	41.55 3.31 0.00	53.05 4.82 0.00	52.25 4.84 0.00	37.97 2.99 0.00	37.41 2.27 0.00	40.16 1.69 0.00	38.47 1.96 0.00	36.22 1.93 0.00	36.55 1.89 0.00	40.15 2.12 0.00	46.61 2.21 0.00	44.67 2.21 0.00	45.76 3.44 0.00	50.43 4.31 0.00	55.37 5.23 0.00	188.37 17.53 0.00	49.51 4.75 0.00	46.61 4.91 0.00	49.78 4.75 0.00
REVERE_CPPR_DRP 24186	37.44 0.94 0.00	36.58 0.91 0.00	38.50 1.01 0.00	36.57 0.94 0.00	36.50 0.95 0.00	39.35 1.12 0.00	49.99 1.75 0.00	49.14 1.73 0.00	36.03 1.05 0.00	35.87 0.73 0.00	39.12 0.65 0.00	36.95 0.44 0.00	34.60 0.31 0.00	34.94 0.29 0.00	38.46 0.43 0.00	44.77 0.37 0.00	43.01 0.54 0.00	43.35 1.03 0.00	48.01 1.89 0.00	52.20 2.08 0.01	177.91 7.07 0.00	46.39 1.63 0.00	43.11 1.41 0.00	46.40 1.37 0.01
REYNLDPA_13_KV_LD 356490	36.48 -0.01 0.00	35.70 0.03 0.00	37.58 0.10 0.00	35.75 0.13 0.00	35.58 0.04 0.00	38.26 0.03 0.00	48.26 0.03 0.00	47.47 0.06 0.00	35.23 0.24 0.00	35.20 0.06 0.00	38.48 0.00 0.00	36.49 -0.02 0.00	34.06 -0.23 0.00	34.49 -0.16 0.00	37.77 -0.26 0.00	43.99 -0.40 0.00	42.07 -0.39 0.00	41.90 -0.42 0.00	45.66 -0.46 0.00	50.15 0.02 0.00	172.57 1.72 0.00	45.16 0.39 0.00	41.85 0.15 0.00	45.13 0.10 0.00

REYNOLDS_115KV_TB3 80639	37.54 1.05 0.00	36.70 1.03 0.00	38.56 1.07 0.00	36.68 1.05 0.00	36.59 1.04 0.00	39.33 1.09 0.00	49.45 1.22 0.00	48.60 1.19 0.00	35.87 0.88 0.00	35.94 0.80 0.00	39.83 0.75 -0.60	37.27 0.76 0.00	35.06 0.77 0.00	35.42 0.77 0.00	38.75 0.72 0.00	45.28 0.89 0.00	43.15 0.68 0.00	43.18 0.86 0.00	46.91 0.79 0.00	50.62 0.49 0.00	172.15 1.31 0.00	45.15 0.38 0.00	42.24 0.54 0.00	45.66 0.63 0.00
RIVERBAY____ 323610	39.82 3.32 0.00	38.72 3.05 0.00	40.36 2.88 0.00	38.32 2.69 0.00	38.19 2.64 0.00	41.12 2.88 0.00	51.48 3.25 0.00	50.39 2.98 0.00	37.48 2.49 0.00	37.97 2.83 0.00	46.57 3.76 -4.33	42.83 3.69 -2.62	39.42 3.82 -1.30	41.27 3.87 -2.75	44.42 4.36 -2.03	49.68 5.15 -0.13	59.97 5.05 -12.45	63.18 5.22 -15.63	51.11 4.99 0.00	54.31 4.17 0.00	182.22 11.37 0.00	47.71 2.95 0.00	44.76 3.06 0.00	48.61 3.58 0.00
RIVERSDE_115KV_TB3 55908	37.49 1.00 0.00	36.66 0.99 0.00	38.51 1.03 0.00	36.64 1.01 0.00	36.55 1.01 0.00	39.31 1.07 0.00	49.41 1.17 0.00	48.57 1.16 0.00	35.85 0.86 0.00	35.94 0.80 0.00	39.82 0.75 -0.59	37.28 0.77 0.00	35.04 0.75 0.00	35.39 0.74 0.00	38.73 0.70 0.00	45.25 0.86 0.00	43.16 0.69 0.00	43.21 0.89 0.00	46.95 0.83 0.00	50.66 0.52 0.00	172.15 1.31 0.00	45.12 0.36 0.00	42.19 0.49 0.00	45.61 0.58 0.00
ROARING____BROOK_WT_PWR 323790	35.77 -0.72 0.00	35.00 -0.67 0.00	36.95 -0.54 0.00	35.25 -0.38 0.00	35.06 -0.48 0.00	37.64 -0.60 0.00	47.61 -0.62 0.00	46.88 -0.53 0.00	34.54 -0.45 0.00	34.60 -0.54 0.00	37.92 -0.55 0.00	35.82 -0.69 0.00	33.49 -0.80 0.00	33.84 -0.81 0.00	37.16 -0.87 0.00	43.43 -0.96 0.00	41.65 -0.82 0.00	41.56 -0.76 0.00	45.45 -0.68 0.00	49.64 -0.49 0.00	169.85 -1.00 0.00	44.51 -0.25 0.00	41.46 -0.24 0.00	44.74 -0.29 0.00
ROCHESRG_115KV_T4 355643	34.91 -1.58 0.00	34.24 -1.43 0.00	36.04 -1.45 0.00	34.13 -1.49 0.00	34.14 -1.41 0.00	36.91 -1.33 0.00	47.06 -1.17 0.00	46.24 -1.17 0.00	34.11 -0.88 0.00	34.31 -0.83 0.00	37.40 -1.07 0.00	35.53 -0.98 0.00	32.26 -1.10 0.94	31.78 -1.21 1.67	35.33 -1.29 1.41	40.67 -1.76 1.96	39.67 -1.14 1.65	40.52 -1.02 0.78	45.16 -0.97 0.00	48.92 -1.15 0.07	167.49 -3.36 0.00	43.85 -0.91 0.00	40.82 -0.88 0.00	43.83 -1.14 0.06
ROCHESTER_9_IC 23652	35.23 -1.26 0.00	34.55 -1.12 0.00	36.35 -1.14 0.00	34.42 -1.21 0.00	34.43 -1.12 0.00	37.24 -1.00 0.00	47.52 -0.71 0.00	46.76 -0.65 0.00	34.47 -0.52 0.00	34.67 -0.48 0.00	37.80 -0.68 0.00	35.90 -0.61 0.00	33.53 -0.76 0.00	33.80 -0.86 0.00	37.12 -0.91 0.00	43.09 -1.30 0.00	41.82 -0.65 0.00	41.80 -0.52 0.00	45.71 -0.41 0.00	49.50 -0.56 0.07	169.40 -1.44 0.00	44.32 -0.44 0.00	41.21 -0.49 0.00	44.23 -0.74 0.06
ROCKVIEW_13_KV_LD 356306	39.06 2.57 0.00	37.99 2.31 0.00	39.60 2.12 0.00	37.56 1.93 0.00	37.42 1.87 0.00	40.25 2.01 0.00	50.48 2.25 0.00	49.49 2.08 0.00	36.74 1.75 0.00	37.34 2.20 0.00	45.84 3.03 -4.33	42.21 3.08 -2.62	38.82 3.23 -1.30	40.68 3.29 -2.74	43.72 3.66 -2.03	48.92 4.40 -0.13	59.28 4.37 -12.45	62.41 4.47 -15.62	50.43 4.30 0.00	53.77 3.64 0.00	180.02 9.17 0.00	46.92 2.16 0.00	43.92 2.22 0.00	47.73 2.69 0.00
ROME____115KV_TB2 80656	37.44 0.94 0.00	36.58 0.91 0.00	38.50 1.01 0.00	36.57 0.94 0.00	36.50 0.95 0.00	39.35 1.12 0.00	49.99 1.75 0.00	49.14 1.73 0.00	36.03 1.05 0.00	35.87 0.73 0.00	39.12 0.65 0.00	36.95 0.44 0.00	34.60 0.31 0.00	34.94 0.29 0.00	38.46 0.43 0.00	44.77 0.37 0.00	43.01 0.54 0.00	43.35 1.03 0.00	48.01 1.89 0.00	52.20 2.08 0.01	177.91 7.07 0.00	46.39 1.63 0.00	43.11 1.41 0.00	46.40 1.37 0.01
ROSETON____1 23587	38.38 1.89 0.00	37.38 1.71 0.00	39.03 1.54 0.00	37.06 1.43 0.00	36.94 1.39 0.00	39.70 1.46 0.00	49.80 1.56 0.00	48.83 1.42 0.00	36.20 1.21 0.00	36.67 1.52 0.00	40.64 2.14 -0.03	38.90 2.18 -0.20	36.73 2.33 -0.10	37.25 2.38 -0.22	40.85 2.66 -0.16	47.60 3.20 -0.01	45.68 3.19 -0.02	45.63 3.31 0.00	49.27 3.15 0.00	52.69 2.56 0.00	176.86 6.02 0.00	46.15 1.39 0.00	43.17 1.47 0.00	46.87 1.84 0.00
ROSETON____2 23588	38.38 1.89 0.00	37.38 1.71 0.00	39.03 1.54 0.00	37.06 1.43 0.00	36.94 1.39 0.00	39.70 1.46 0.00	49.80 1.56 0.00	48.83 1.42 0.00	36.20 1.21 0.00	36.67 1.52 0.00	40.64 2.14 -0.03	38.90 2.18 -0.20	36.73 2.33 -0.10	37.25 2.38 -0.22	40.85 2.66 -0.16	47.60 3.20 -0.01	45.68 3.19 -0.02	45.63 3.31 0.00	49.27 3.15 0.00	52.69 2.56 0.00	176.86 6.02 0.00	46.15 1.39 0.00	43.17 1.47 0.00	46.87 1.84 0.00
ROTTTRDAM_115KV_TB3 80664	37.44 0.94 0.00	36.56 0.89 0.00	38.41 0.93 0.00	36.50 0.87 0.00	36.45 0.90 0.00	39.19 0.95 0.00	49.39 1.16 0.00	48.49 1.08 0.00	35.70 0.71 0.00	35.79 0.65 0.00	39.19 0.71 0.00	37.13 0.62 0.00	34.93 0.64 0.00	35.30 0.65 0.00	38.69 0.66 0.00	45.18 0.79 0.00	43.21 0.75 0.00	43.31 0.99 0.00	47.27 1.14 0.00	51.20 1.07 0.00	174.05 3.20 0.00	45.60 0.83 0.00	42.56 0.86 0.00	45.96 0.93 0.00
RUSSELL____1 23602	35.46 -1.04 0.00	34.76 -0.91 0.00	36.56 -0.93 0.00	34.61 -1.02 0.00	34.61 -0.94 0.00	37.44 -0.79 0.00	47.81 -0.43 0.00	47.03 -0.38 0.00	34.67 -0.32 0.00	34.87 -0.27 0.00	38.03 -0.45 0.00	36.12 -0.39 0.00	33.78 -0.52 0.00	34.04 -0.61 0.00	37.40 -0.63 0.00	43.42 -0.97 0.00	42.17 -0.29 0.00	42.16 -0.17 0.00	46.08 -0.04 0.00	49.89 -0.18 0.07	170.61 -0.23 0.00	44.63 -0.13 0.00	41.47 -0.22 0.00	44.49 -0.48 0.06
RUSSELL____2 23532	35.46 -1.04 0.00	34.76 -0.91 0.00	36.56 -0.93 0.00	34.61 -1.02 0.00	34.61 -0.94 0.00	37.44 -0.79 0.00	47.81 -0.43 0.00	47.03 -0.38 0.00	34.67 -0.32 0.00	34.87 -0.27 0.00	38.03 -0.45 0.00	36.12 -0.39 0.00	33.78 -0.52 0.00	34.04 -0.61 0.00	37.40 -0.63 0.00	43.42 -0.97 0.00	42.17 -0.29 0.00	42.16 -0.17 0.00	46.08 -0.04 0.00	49.89 -0.18 0.07	170.61 -0.23 0.00	44.63 -0.13 0.00	41.47 -0.22 0.00	44.49 -0.48 0.06
RUSSELL____3 23549	35.46 -1.04 0.00	34.76 -0.91 0.00	36.56 -0.93 0.00	34.61 -1.02 0.00	34.61 -0.94 0.00	37.44 -0.79 0.00	47.81 -0.43 0.00	47.03 -0.38 0.00	34.67 -0.32 0.00	34.87 -0.27 0.00	38.03 -0.45 0.00	36.12 -0.39 0.00	33.78 -0.52 0.00	34.04 -0.61 0.00	37.40 -0.63 0.00	43.42 -0.97 0.00	42.17 -0.29 0.00	42.16 -0.17 0.00	46.08 -0.04 0.00	49.89 -0.18 0.07	170.61 -0.23 0.00	44.63 -0.13 0.00	41.47 -0.22 0.00	44.49 -0.48 0.06
RUSSELL____4 23556	35.46 -1.04 0.00	34.76 -0.91 0.00	36.56 -0.93 0.00	34.61 -1.02 0.00	34.61 -0.94 0.00	37.44 -0.79 0.00	47.81 -0.43 0.00	47.03 -0.38 0.00	34.67 -0.32 0.00	34.87 -0.27 0.00	38.03 -0.45 0.00	36.12 -0.39 0.00	33.78 -0.52 0.00	34.04 -0.61 0.00	37.40 -0.63 0.00	43.42 -0.97 0.00	42.17 -0.29 0.00	42.16 -0.17 0.00	46.08 -0.04 0.00	49.89 -0.18 0.07	170.61 -0.23 0.00	44.63 -0.13 0.00	41.47 -0.22 0.00	44.49 -0.48 0.06

RUSSELL__STATION 23914	35.46 -1.04 0.00	34.76 -0.91 0.00	36.56 -0.93 0.00	34.61 -1.02 0.00	34.61 -0.94 0.00	37.44 -0.79 0.00	47.81 -0.43 0.00	47.03 -0.38 0.00	34.67 -0.32 0.00	34.87 -0.27 0.00	38.03 -0.45 0.00	36.12 -0.39 0.00	33.78 -0.52 0.00	34.04 -0.61 0.00	37.40 -0.63 0.00	43.42 -0.97 0.00	42.17 -0.29 0.00	42.16 -0.17 0.00	46.08 -0.04 0.00	49.89 -0.18 0.07	170.61 -0.23 0.00	44.63 -0.13 0.00	41.47 -0.22 0.00	44.49 -0.48 0.06
S SALMON__HYD 24043	35.73 -0.77 0.00	34.92 -0.75 0.00	36.77 -0.72 0.00	34.95 -0.67 0.00	34.83 -0.71 0.00	37.55 -0.69 0.00	47.71 -0.52 0.00	47.00 -0.41 0.00	34.38 -0.60 0.00	34.26 -0.88 0.00	37.44 -1.04 0.00	35.38 -1.13 0.00	33.18 -1.11 0.00	33.53 -1.12 0.00	36.82 -1.21 0.00	42.84 -1.55 0.00	41.09 -1.37 0.00	41.29 -1.03 0.00	45.68 -0.45 0.00	49.81 -0.33 -0.02	170.05 -0.80 0.00	44.57 -0.20 0.00	41.35 -0.35 0.00	44.52 -0.52 -0.01
S.PERRY__115KV_TB1 80734	35.63 -0.86 0.00	35.03 -0.64 0.00	36.92 -0.57 0.00	34.97 -0.65 0.00	35.05 -0.50 0.00	37.93 -0.31 0.00	48.55 0.32 0.00	47.72 0.31 0.00	34.73 -0.26 0.00	34.64 -0.50 0.00	37.54 -0.94 0.00	35.78 -0.74 0.00	55.35 -1.09 -22.15	71.59 -1.21 -38.15	68.32 -1.33 -31.63	86.52 -1.79 -43.92	78.80 -0.80 -37.14	59.34 -0.39 -17.40	46.47 0.35 0.00	50.85 0.78 0.05	173.39 2.55 0.00	45.34 0.58 0.00	42.12 0.42 0.00	45.37 0.39 0.05
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	33.72 -2.77 0.00	33.26 -2.41 0.00	35.08 -2.40 0.00	33.17 -2.46 0.00	33.23 -2.32 0.00	35.97 -2.26 0.00	46.08 -2.16 0.00	45.21 -2.20 0.00	33.43 -1.55 0.00	33.79 -1.35 0.00	36.71 -1.77 0.00	34.93 -1.58 0.00	25.94 -1.74 6.61	21.30 -1.90 11.44	26.52 -1.99 9.52	28.37 -2.80 13.23	29.36 -1.92 11.19	34.96 -2.11 5.24	43.90 -2.22 0.00	47.59 -2.48 0.06	163.29 -7.56 0.00	42.88 -1.88 0.00	40.08 -1.62 0.00	43.10 -1.88 0.06
SAWYER__23_KV_LOAD 55526	33.72 -2.77 0.00	33.26 -2.41 0.00	35.08 -2.40 0.00	33.17 -2.46 0.00	33.23 -2.32 0.00	35.97 -2.26 0.00	46.08 -2.16 0.00	45.21 -2.20 0.00	33.43 -1.55 0.00	33.79 -1.35 0.00	36.71 -1.77 0.00	34.93 -1.58 0.00	25.94 -1.74 6.61	21.30 -1.90 11.44	26.52 -1.99 9.52	28.37 -2.80 13.23	29.36 -1.92 11.19	34.96 -2.11 5.24	43.90 -2.22 0.00	47.59 -2.48 0.06	163.29 -7.56 0.00	42.88 -1.88 0.00	40.08 -1.62 0.00	43.10 -1.88 0.06
SELKIRK__I 23801	37.58 1.09 0.00	36.80 1.13 0.00	38.58 1.09 0.00	36.69 1.06 0.00	36.64 1.09 0.00	39.40 1.16 0.00	49.50 1.26 0.00	48.56 1.15 0.00	35.73 0.74 0.00	35.76 0.62 0.00	39.03 0.55 0.00	37.02 0.51 0.00	21.73 0.23 12.79	-8.30 -0.07 42.88	12.67 -0.10 25.25	44.22 -0.17 0.00	42.21 -0.26 0.00	42.24 -0.08 0.00	46.03 -0.09 0.00	49.76 -0.37 0.00	168.97 -1.88 0.00	44.33 -0.44 0.00	41.44 -0.25 0.00	45.10 0.07 0.00
SELKIRK__II 23799	37.12 0.63 0.00	36.46 0.78 0.00	38.38 0.89 0.00	36.49 0.86 0.00	36.43 0.88 0.00	39.16 0.93 0.00	49.20 0.96 0.00	48.33 0.92 0.00	35.68 0.69 0.00	35.78 0.64 0.00	39.06 0.58 0.00	36.98 0.46 0.00	-11.62 0.37 46.28	-120.17 0.32 155.15	-39.81 0.19 78.03	44.63 0.23 0.00	42.60 0.14 0.00	42.72 0.41 0.00	46.46 0.33 0.00	50.14 0.01 0.00	170.20 -0.65 0.00	44.62 -0.14 0.00	41.74 0.04 0.00	45.20 0.16 0.00
SENECA OSWGO__HYD 24041	35.41 -1.08 0.00	34.63 -1.04 0.00	36.38 -1.10 0.00	34.55 -1.08 0.00	34.50 -1.05 0.00	37.17 -1.06 0.00	47.00 -1.23 0.00	46.27 -1.14 0.00	34.07 -0.92 0.00	34.17 -0.97 0.00	37.33 -1.15 0.00	35.42 -1.09 0.00	33.27 -1.02 0.00	33.62 -1.04 0.00	36.94 -1.09 0.00	43.07 -1.32 0.00	41.35 -1.11 0.00	41.37 -0.95 0.00	45.32 -0.80 0.00	49.21 -0.97 -0.05	167.19 -3.65 0.00	43.75 -1.01 0.00	40.72 -0.98 0.00	43.93 -1.14 -0.04
SENECA__115KV_TB3 355854	34.03 -2.46 0.00	33.55 -2.13 0.00	35.39 -2.09 0.00	33.46 -2.17 0.00	33.52 -2.03 0.00	36.31 -1.93 0.00	46.56 -1.68 0.00	45.72 -1.69 0.00	33.78 -1.20 0.00	34.18 -0.96 0.00	37.14 -1.34 0.00	35.35 -1.16 0.00	25.86 -1.31 7.12	20.88 -1.45 12.32	26.30 -1.48 10.25	27.97 -2.16 14.26	29.11 -1.30 12.06	35.20 -1.48 5.64	44.61 -1.51 0.00	48.31 -1.76 0.06	165.47 -5.38 0.00	43.38 -1.36 0.03	39.87 -1.16 0.66	43.26 -1.40 0.37
SENECA__ENERGY 23797	35.89 -0.60 0.00	35.14 -0.54 0.00	36.95 -0.53 0.00	35.03 -0.60 0.00	35.01 -0.53 0.00	37.79 -0.45 0.00	48.03 -0.20 0.00	47.30 -0.10 0.00	34.82 -0.17 0.00	34.80 -0.34 0.00	38.04 -0.44 0.00	36.27 -0.24 0.00	35.90 -0.15 -1.76	36.93 -0.56 -2.84	39.43 -0.84 -2.24	46.27 -1.23 -3.11	44.23 -0.87 -2.63	43.05 -0.50 -1.23	46.21 0.09 0.00	50.04 -0.08 0.01	169.46 -1.39 0.00	44.42 -0.35 0.00	41.41 -0.29 0.00	44.57 -0.45 0.01
SHOEMAKER__GT 23640	38.18 1.69 0.00	37.19 1.52 0.00	38.87 1.38 0.00	36.90 1.27 0.00	36.79 1.24 0.00	39.54 1.31 0.00	49.69 1.45 0.00	48.76 1.35 0.00	36.08 1.09 0.00	36.45 1.31 3.95	36.35 1.82 0.30	38.09 1.89 0.15	36.16 2.02 0.15	36.39 2.05 0.32	40.08 2.29 0.23	47.19 2.81 0.02	-22.71 2.90 68.08	-42.21 3.07 87.60	49.18 3.06 0.00	52.70 2.57 0.00	177.11 6.26 0.00	46.19 1.42 0.00	43.13 1.43 0.00	46.75 1.72 0.00
SHOEMAKR_138KV_BK 111 55601	38.16 1.67 0.00	37.17 1.50 0.00	38.85 1.36 0.00	36.88 1.25 0.00	36.77 1.22 0.00	39.53 1.29 0.00	49.65 1.42 0.00	48.73 1.31 0.00	36.07 1.08 0.00	36.47 1.33 3.77	36.56 1.85 0.28	38.15 1.92 0.14	36.21 2.06 0.30	36.46 2.10 0.22	40.15 2.34 0.22	47.24 2.86 0.01	-57.39 2.95 102.80	-86.90 3.09 132.31	49.17 3.05 0.00	52.69 2.56 0.00	177.02 6.17 0.00	46.15 1.39 0.00	43.10 1.40 0.00	46.73 1.70 0.00
SHOREHAM_IC_1 23715	39.61 3.12 0.00	38.68 3.01 0.00	39.89 2.41 0.00	37.79 2.16 0.00	37.70 2.15 0.00	40.41 2.17 0.00	50.52 2.29 0.00	49.34 1.93 0.00	36.32 1.33 0.00	37.62 2.47 0.00	46.54 3.76 -4.30	42.57 3.47 -2.59	55.24 3.87 -17.08	54.85 3.39 -16.81	52.89 3.52 -11.34	50.72 4.36 -1.97	66.85 4.11 -20.27	81.00 4.39 -34.29	49.81 3.68 0.00	54.36 2.60 -1.64	175.98 5.14 0.00	46.13 1.37 0.00	43.35 1.65 0.00	47.92 2.89 0.00
SHOREHAM_IC_2 23716	39.61 3.12 0.00	38.68 3.01 0.00	39.89 2.41 0.00	37.79 2.16 0.00	37.70 2.15 0.00	40.41 2.17 0.00	50.52 2.29 0.00	49.34 1.93 0.00	36.32 1.33 0.00	37.62 2.47 0.00	46.54 3.76 -4.30	42.57 3.47 -2.59	55.24 3.87 -17.08	54.85 3.39 -16.81	52.89 3.52 -11.34	50.72 4.36 -1.97	66.85 4.11 -20.27	81.00 4.39 -34.29	49.81 3.68 0.00	54.36 2.60 -1.64	175.98 5.14 0.00	46.13 1.37 0.00	43.35 1.65 0.00	47.92 2.89 0.00
SISSONVILLE____ 23735	36.47 -0.03 0.00	35.72 0.05 0.00	37.68 0.19 0.00	35.87 0.25 0.00	35.65 0.11 0.00	38.40 0.16 0.00	48.66 0.43 0.00	47.79 0.38 0.00	35.14 0.15 0.00	35.09 -0.05 0.00	38.22 -0.25 0.00	36.12 -0.39 0.00	33.71 -0.58 0.00	34.24 -0.41 0.00	37.16 -0.86 0.00	43.05 -1.34 0.00	40.90 -1.56 0.00	40.68 -1.64 0.00	44.76 -1.36 0.00	49.40 -0.73 0.00	170.88 0.03 0.00	44.96 0.19 0.00	41.86 0.16 0.00	45.37 0.33 0.00

SITHE_IND_GS1 24169	35.07 -1.42 0.00	34.29 -1.38 0.00	36.04 -1.44 0.00	34.24 -1.39 0.00	34.18 -1.36 0.00	36.81 -1.42 0.00	46.51 -1.72 0.00	45.74 -1.67 0.00	33.73 -1.26 0.00	33.87 -1.26 0.00	37.07 -1.41 0.00	35.16 -1.35 0.00	33.01 -1.29 0.00	33.36 -1.29 0.00	36.65 -1.38 0.00	42.73 -1.67 0.00	40.99 -1.47 0.00	40.97 -1.36 0.00	44.75 -1.38 0.00	48.02 -1.64 0.48	165.02 -5.83 0.00	43.22 -1.54 0.00	40.26 -1.44 0.00	43.00 -1.61 0.42
SITHE_IND_GS2 24170	35.07 -1.42 0.00	34.29 -1.38 0.00	36.04 -1.44 0.00	34.24 -1.39 0.00	34.18 -1.36 0.00	36.81 -1.42 0.00	46.51 -1.72 0.00	45.74 -1.67 0.00	33.73 -1.26 0.00	33.87 -1.26 0.00	37.07 -1.41 0.00	35.16 -1.35 0.00	33.01 -1.29 0.00	33.36 -1.29 0.00	36.65 -1.38 0.00	42.73 -1.67 0.00	40.99 -1.47 0.00	40.97 -1.36 0.00	44.75 -1.38 0.00	48.02 -1.64 0.48	165.02 -5.83 0.00	43.22 -1.54 0.00	40.26 -1.44 0.00	43.00 -1.61 0.42
SITHE_IND_GS3 24171	35.07 -1.42 0.00	34.29 -1.38 0.00	36.04 -1.44 0.00	34.24 -1.39 0.00	34.18 -1.36 0.00	36.81 -1.42 0.00	46.51 -1.72 0.00	45.74 -1.67 0.00	33.73 -1.26 0.00	33.87 -1.26 0.00	37.07 -1.41 0.00	35.16 -1.35 0.00	33.01 -1.29 0.00	33.36 -1.29 0.00	36.65 -1.38 0.00	42.73 -1.67 0.00	40.99 -1.47 0.00	40.97 -1.36 0.00	44.75 -1.38 0.00	48.02 -1.64 0.48	165.02 -5.83 0.00	43.22 -1.54 0.00	40.26 -1.44 0.00	43.00 -1.61 0.42
SITHE_IND_GS4 24172	35.07 -1.42 0.00	34.29 -1.38 0.00	36.04 -1.44 0.00	34.24 -1.39 0.00	34.18 -1.36 0.00	36.81 -1.42 0.00	46.51 -1.72 0.00	45.74 -1.67 0.00	33.73 -1.26 0.00	33.87 -1.26 0.00	37.07 -1.41 0.00	35.16 -1.35 0.00	33.01 -1.29 0.00	33.36 -1.29 0.00	36.65 -1.38 0.00	42.73 -1.67 0.00	40.99 -1.47 0.00	40.97 -1.36 0.00	44.75 -1.38 0.00	48.02 -1.64 0.48	165.02 -5.83 0.00	43.22 -1.54 0.00	40.26 -1.44 0.00	43.00 -1.61 0.42
SITHE___BATAVIA 24024	35.13 -1.36 0.00	34.49 -1.18 0.00	36.31 -1.18 0.00	34.35 -1.28 0.00	34.40 -1.14 0.00	37.29 -0.95 0.00	47.87 -0.36 0.00	47.02 -0.39 0.00	34.58 -0.41 0.00	34.50 -0.64 0.00	37.31 -1.16 0.00	35.40 -1.11 0.00	29.77 -1.22 3.30	27.63 -1.28 5.74	31.93 -1.31 4.79	35.82 -1.92 6.65	35.87 -0.97 5.63	39.16 -0.53 2.63	45.82 -0.31 0.00	49.76 -0.30 0.07	170.74 -0.10 0.00	44.67 -0.07 0.02	41.07 -0.17 0.46	44.30 -0.46 0.28
SITHE___INDEPEND 23800	35.07 -1.42 0.00	34.29 -1.38 0.00	36.05 -1.44 0.00	34.24 -1.39 0.00	34.18 -1.36 0.00	36.81 -1.43 0.00	46.51 -1.72 0.00	45.74 -1.67 0.00	33.73 -1.26 0.00	33.87 -1.26 0.00	37.06 -1.41 0.00	35.16 -1.35 0.00	33.01 -1.29 0.00	33.35 -1.30 0.00	36.64 -1.39 0.00	42.72 -1.67 0.00	40.99 -1.47 0.00	40.97 -1.35 0.00	44.75 -1.38 0.00	48.02 -1.64 0.48	165.02 -5.83 0.00	43.22 -1.54 0.00	40.26 -1.44 0.00	43.01 -1.61 0.42
SITHE___MASSENA 23902	36.49 0.00 0.00	35.75 0.08 0.00	37.66 0.18 0.00	35.84 0.21 0.00	35.67 0.12 0.00	38.36 0.12 0.00	48.51 0.27 0.00	47.64 0.23 0.00	35.20 0.21 0.00	35.28 0.14 0.00	38.48 0.01 0.00	36.45 -0.06 0.00	34.09 -0.20 0.00	34.51 -0.14 0.00	37.75 -0.28 0.00	43.95 -0.44 0.00	41.98 -0.49 0.00	41.76 -0.56 0.00	45.68 -0.44 0.00	50.20 0.06 0.00	172.64 1.79 0.00	45.29 0.53 0.00	41.99 0.29 0.00	45.31 0.27 0.00
SITHE___OGDNSBRG 24021	37.18 0.69 0.00	36.43 0.76 0.00	38.41 0.92 0.00	36.56 0.94 0.00	36.36 0.81 0.00	39.16 0.93 0.00	49.66 1.43 0.00	48.66 1.25 0.00	35.62 0.63 0.00	35.46 0.32 0.00	38.61 0.14 0.00	36.53 0.02 0.00	34.10 -0.19 0.00	34.76 0.10 0.00	37.77 -0.26 0.00	43.95 -0.45 0.00	41.88 -0.59 0.00	41.75 -0.57 0.00	46.07 -0.05 0.00	50.99 0.86 0.00	175.91 5.06 0.00	46.12 1.36 0.00	42.76 1.06 0.00	46.21 1.18 0.00
SITHE___STERLING 23777	37.16 0.67 0.00	36.32 0.65 0.00	38.16 0.67 0.00	36.27 0.64 0.00	36.21 0.66 0.00	39.03 0.79 0.00	49.47 1.24 0.00	48.67 1.26 0.00	35.75 0.76 0.00	35.67 0.53 0.00	38.94 0.47 0.00	36.87 0.36 0.00	34.56 0.27 0.00	34.87 0.22 0.00	38.35 0.32 0.00	44.71 0.32 0.00	42.90 0.43 0.00	43.09 0.77 0.00	47.55 1.42 0.00	51.65 1.53 0.01	175.74 4.90 0.00	45.88 1.12 0.00	42.67 0.97 0.00	45.96 0.94 0.01
SLEIGHT__34_KV_TB1 80719	35.37 -1.12 0.00	34.65 -1.02 0.00	36.43 -1.06 0.00	34.52 -1.11 0.00	34.49 -1.05 0.00	37.32 -0.92 0.00	47.11 -1.12 0.00	46.11 -1.30 0.00	33.96 -1.02 0.00	34.02 -1.12 0.00	37.15 -1.33 0.00	35.27 -1.24 0.00	32.95 -1.34 0.00	33.22 -1.43 0.00	36.49 -1.54 0.00	42.36 -2.03 0.00	41.03 -1.44 0.00	41.09 -1.23 0.00	45.37 -0.76 0.00	49.48 -0.60 0.05	168.87 -1.98 0.00	44.15 -0.61 0.00	41.04 -0.65 0.00	44.10 -0.89 0.05
SOUTH CAIRO___GT 23612	38.49 2.00 0.00	37.69 2.02 0.00	39.49 2.01 0.00	37.57 1.94 0.00	37.51 1.96 0.00	40.40 2.17 0.00	50.95 2.73 0.00	50.12 2.71 0.00	36.81 1.82 0.00	36.40 1.26 0.00	39.31 0.83 0.00	37.65 1.14 0.00	19.16 1.15 16.28	-18.75 1.17 54.56	0.06 1.22 39.19	45.80 1.41 0.00	43.79 1.32 0.00	44.02 1.70 0.00	48.25 2.13 0.00	52.33 2.20 0.00	176.18 5.34 0.00	46.21 1.44 0.00	43.24 1.54 0.00	46.62 1.59 0.00
SOUTH HAMPTN___IC 23720	39.70 3.20 0.00	38.76 3.09 0.00	40.01 2.53 0.00	37.90 2.27 0.00	37.81 2.26 0.00	40.57 2.33 0.00	50.79 2.56 0.00	49.88 2.47 0.00	36.62 1.64 0.00	37.81 2.66 0.00	46.81 4.03 -4.30	42.91 3.81 -2.59	55.63 4.26 -17.08	55.35 3.89 -16.81	53.49 4.12 -11.34	51.48 5.12 -1.97	67.39 4.73 -20.20	81.11 4.95 -33.84	50.34 4.21 0.00	54.92 3.21 -1.58	177.98 7.13 0.00	46.53 1.76 0.00	43.78 2.08 0.00	48.52 3.48 0.00
SOUTHDOW_115KV_TB1 355954	35.02 -1.48 0.00	34.60 -1.07 0.00	36.50 -0.98 0.00	34.46 -1.17 0.00	34.58 -0.96 0.00	37.39 -0.85 0.00	48.18 -0.06 0.00	48.06 0.65 0.00	35.41 0.42 0.00	35.94 0.80 0.00	39.24 0.77 0.00	37.31 0.80 0.00	31.31 0.31 3.29	28.78 -0.14 5.72	33.21 -0.04 4.78	37.54 -0.24 6.62	37.57 0.70 5.60	40.37 0.67 2.62	47.16 1.04 0.00	50.48 0.40 0.05	170.97 0.12 0.00	44.24 -0.52 0.00	41.45 -0.25 0.00	44.77 -0.21 0.05
SOUTHOLD_69_KV_BK 2 55809	39.62 3.13 0.00	38.70 3.03 0.00	39.94 2.45 0.00	37.82 2.19 0.00	37.74 2.19 0.00	40.53 2.29 0.00	50.79 2.56 0.00	49.90 2.49 0.00	36.65 1.67 0.00	37.82 2.68 0.00	46.90 4.13 -4.30	43.05 3.95 -2.59	55.87 4.50 -17.08	55.62 4.17 -16.81	53.80 4.43 -11.34	51.91 5.54 -1.97	67.67 5.00 -20.21	81.38 5.18 -33.88	50.53 4.40 0.00	55.18 3.47 -1.58	178.81 7.96 0.00	46.65 1.89 0.00	44.01 2.31 0.00	49.02 3.99 0.00
SOUTHOLD___IC 23719	39.62 3.12 0.00	38.70 3.03 0.00	39.94 2.45 0.00	37.82 2.19 0.00	37.74 2.19 0.00	40.53 2.29 0.00	50.78 2.55 0.00	49.91 2.49 0.00	36.66 1.67 0.00	37.82 2.67 0.00	46.89 4.11 -4.30	43.04 3.94 -2.59	55.87 4.50 -17.08	55.61 4.15 -16.81	53.79 4.42 -11.34	51.89 5.53 -1.97	67.66 4.99 -20.21	81.38 5.18 -33.88	50.53 4.40 0.00	55.18 3.47 -1.58	178.81 7.96 0.00	46.65 1.89 0.00	44.00 2.30 0.00	49.02 3.98 0.00

SOUTH_FORK_WT_PWR 323839	39.19 2.70 0.00	38.29 2.61 0.00	39.51 2.03 0.00	37.42 1.79 0.00	37.34 1.80 0.00	40.10 1.87 0.00	50.25 2.01 0.00	49.38 1.97 0.00	36.26 1.27 0.00	37.42 2.28 0.00	46.46 3.68 -4.30	42.65 3.54 -2.59	55.57 4.20 -17.08	55.27 3.82 -16.81	53.41 4.04 -11.34	51.44 5.08 -1.97	67.11 4.45 -20.20	80.76 4.58 -33.86	49.86 3.73 0.00	54.51 2.80 -1.58	176.72 5.87 0.00	46.12 1.36 0.00	43.62 1.92 0.00	48.86 3.83 0.00
SPIERFLS_115KV_TB 1 80737	38.00 1.51 0.00	37.05 1.38 0.00	38.89 1.40 0.00	36.98 1.35 0.00	36.90 1.36 0.00	39.66 1.42 0.00	50.23 2.00 0.00	49.30 1.89 0.00	36.13 1.14 0.00	35.98 0.84 0.00	39.15 0.67 0.00	37.23 0.72 0.00	34.97 0.67 0.00	35.37 0.71 0.00	38.65 0.61 0.00	45.05 0.66 0.00	43.18 0.72 0.00	43.68 1.37 0.00	47.83 1.71 0.00	51.84 1.71 0.00	176.24 5.39 0.00	46.21 1.45 0.00	43.37 1.67 0.00	46.66 1.62 0.00
ST LAWRENCE____ 23600	36.17 -0.32 0.00	35.39 -0.28 0.00	37.26 -0.22 0.00	35.46 -0.16 0.00	35.31 -0.24 0.00	37.97 -0.26 0.00	48.00 -0.23 0.00	47.18 -0.23 0.00	34.88 -0.11 0.00	34.97 -0.17 0.00	38.19 -0.29 0.00	36.18 -0.33 0.00	33.85 -0.44 0.00	34.23 -0.42 0.00	37.53 -0.50 0.00	43.79 -0.60 0.00	41.86 -0.60 0.00	41.63 -0.69 0.00	45.48 -0.65 0.00	49.89 -0.24 0.00	171.35 0.50 0.00	44.92 0.16 0.00	41.65 -0.05 0.00	44.92 -0.11 0.00
STATE_CA_115KV_115_LB 55624	37.60 1.11 0.00	36.78 1.11 0.00	38.63 1.15 0.00	36.75 1.12 0.00	36.68 1.13 0.00	39.45 1.21 0.00	49.57 1.34 0.00	48.76 1.35 0.00	35.99 1.01 0.00	36.09 0.95 0.00	39.96 0.91 -0.58	37.43 0.92 0.00	35.17 0.88 0.00	35.52 0.87 0.00	38.87 0.84 0.00	45.43 1.04 0.00	43.36 0.89 0.00	43.45 1.13 0.00	47.21 1.09 0.00	50.90 0.77 0.00	172.88 2.03 0.00	45.28 0.52 0.00	42.32 0.62 0.00	45.75 0.72 0.00
STATE_ST_34_KV_LOAD 55959	36.52 0.03 0.00	35.72 0.04 0.00	37.55 0.07 0.00	35.64 0.01 0.00	35.57 0.02 0.00	38.37 0.14 0.00	48.84 0.61 0.00	48.15 0.74 0.00	35.40 0.41 0.00	35.38 0.23 0.00	38.69 0.21 0.00	36.88 0.37 0.00	36.03 0.57 -1.17	36.65 0.20 -1.80	39.24 -0.14 -1.36	45.87 -0.41 -1.88	43.89 -0.16 -1.59	43.18 0.11 -0.75	46.81 0.69 0.00	50.48 0.35 0.00	171.55 0.71 0.00	44.92 0.16 0.00	41.81 0.11 0.00	45.04 0.01 0.00
STATION 5_MISC_HYD 23604	35.23 -1.26 0.00	34.55 -1.12 0.00	36.35 -1.13 0.00	34.42 -1.21 0.00	34.43 -1.12 0.00	37.24 -0.99 0.00	47.53 -0.70 0.00	46.76 -0.65 0.00	34.46 -0.53 0.00	34.67 -0.47 0.00	37.80 -0.67 0.00	35.90 -0.61 0.00	33.57 -0.72 0.00	33.83 -0.82 0.00	37.15 -0.87 0.00	43.13 -1.26 0.00	41.85 -0.62 0.00	41.81 -0.51 0.00	45.71 -0.41 0.00	49.50 -0.56 0.07	169.38 -1.47 0.00	44.31 -0.44 0.01	40.91 -0.49 0.31	44.08 -0.74 0.21
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	35.61 -0.89 0.00	34.89 -0.78 0.00	36.68 -0.81 0.00	34.75 -0.87 0.00	34.75 -0.80 0.00	37.57 -0.67 0.00	47.82 -0.42 0.00	47.07 -0.34 0.00	34.69 -0.30 0.00	34.84 -0.30 0.00	38.02 -0.46 0.00	36.15 -0.36 0.00	33.86 -0.44 0.00	34.01 -0.64 0.00	37.29 -0.74 0.00	43.30 -1.09 0.00	41.92 -0.55 0.00	42.03 -0.28 0.00	46.14 0.01 0.00	49.92 -0.16 0.05	169.98 -0.86 0.00	44.49 -0.27 0.00	41.39 -0.31 0.00	44.45 -0.53 0.05
STA_56_34_KV_BUS2_REV_LBMP_B 345033	35.04 -1.46 0.00	34.34 -1.33 0.00	36.14 -1.35 0.00	34.22 -1.41 0.00	34.23 -1.32 0.00	37.02 -1.22 0.00	47.17 -1.06 0.00	46.38 -1.03 0.00	34.21 -0.78 0.00	34.42 -0.72 0.00	37.54 -0.94 0.00	35.66 -0.85 0.00	33.33 -0.96 0.00	33.59 -1.07 0.00	36.89 -1.14 0.00	42.84 -1.55 0.00	41.54 -0.93 0.00	41.52 -0.80 0.00	45.41 -0.72 0.00	49.18 -0.89 0.07	168.22 -2.63 0.00	44.02 -0.74 0.00	40.93 -0.77 0.00	43.94 -1.03 0.06
STA_56____34_KV_BUS2 355983	35.04 -1.46 0.00	34.34 -1.33 0.00	36.14 -1.35 0.00	34.22 -1.41 0.00	34.23 -1.32 0.00	37.02 -1.22 0.00	47.17 -1.06 0.00	46.38 -1.03 0.00	34.21 -0.78 0.00	34.42 -0.72 0.00	37.54 -0.94 0.00	35.66 -0.85 0.00	33.33 -0.96 0.00	33.59 -1.07 0.00	36.89 -1.14 0.00	42.84 -1.55 0.00	41.54 -0.93 0.00	41.52 -0.80 0.00	45.41 -0.72 0.00	49.18 -0.89 0.07	168.22 -2.63 0.00	44.02 -0.74 0.00	40.93 -0.77 0.00	43.94 -1.03 0.06
STA_67____115KV_BK2 355882	35.15 -1.35 0.00	34.47 -1.20 0.00	36.27 -1.22 0.00	34.34 -1.29 0.00	34.34 -1.20 0.00	37.15 -1.09 0.00	47.39 -0.84 0.00	46.62 -0.79 0.00	34.37 -0.61 0.00	34.58 -0.57 0.00	37.69 -0.79 0.00	35.79 -0.72 0.00	33.43 -0.86 0.00	33.69 -0.96 0.00	37.01 -1.02 0.00	42.95 -1.45 0.00	41.66 -0.80 0.00	41.65 -0.67 0.00	45.56 -0.57 0.00	49.34 -0.72 0.07	168.88 -1.97 0.00	44.19 -0.57 0.00	41.10 -0.60 0.00	44.12 -0.85 0.06
STA_7____115KV_9TRANS 80674	35.46 -1.04 0.00	34.76 -0.91 0.00	36.56 -0.93 0.00	34.61 -1.02 0.00	34.61 -0.94 0.00	37.44 -0.79 0.00	47.81 -0.43 0.00	47.03 -0.38 0.00	34.67 -0.32 0.00	34.87 -0.27 0.00	38.03 -0.45 0.00	36.12 -0.39 0.00	33.78 -0.52 0.00	34.04 -0.61 0.00	37.40 -0.63 0.00	43.42 -0.97 0.00	42.17 -0.29 0.00	42.16 -0.17 0.00	46.08 -0.04 0.00	49.89 -0.18 0.07	170.61 -0.23 0.00	44.63 -0.13 0.00	41.47 -0.22 0.00	44.49 -0.48 0.06
STA_82____115KV_TB1 80780	35.11 -1.39 0.00	34.42 -1.25 0.00	36.22 -1.26 0.00	34.30 -1.33 0.00	34.31 -1.24 0.00	37.10 -1.14 0.00	47.33 -0.90 0.00	46.55 -0.86 0.00	34.32 -0.67 0.00	34.51 -0.63 0.00	37.61 -0.86 0.00	35.72 -0.79 0.00	33.38 -0.92 0.00	33.63 -1.02 0.00	36.94 -1.09 0.00	42.86 -1.53 0.00	41.58 -0.89 0.00	41.58 -0.74 0.00	45.48 -0.64 0.00	49.26 -0.80 0.07	168.57 -2.28 0.00	44.14 -0.63 0.00	41.05 -0.65 0.00	44.07 -0.90 0.06
STEEL____WIND 323596	33.96 -2.53 0.00	33.50 -2.17 0.00	35.33 -2.15 0.00	33.39 -2.24 0.00	33.47 -2.08 0.00	36.24 -2.00 0.00	46.48 -1.75 0.00	45.67 -1.74 0.00	33.75 -1.24 0.00	34.14 -1.00 0.00	37.08 -1.39 0.00	35.29 -1.22 0.00	25.81 -1.37 7.12	20.84 -1.49 12.32	26.23 -1.55 10.25	27.88 -2.25 14.26	29.02 -1.39 12.06	35.12 -1.57 5.64	44.53 -1.60 0.00	48.24 -1.83 0.06	165.19 -5.66 0.00	43.33 -1.41 0.03	39.82 -1.22 0.66	43.22 -1.45 0.37
STEPHTWN_115KV_BK_2 55603	37.63 1.14 0.00	36.84 1.16 0.00	38.74 1.26 0.00	36.79 1.16 0.00	36.72 1.17 0.00	39.54 1.30 0.00	49.78 1.55 0.00	48.94 1.53 0.00	36.01 1.02 0.00	36.15 1.01 0.00	39.98 0.93 -0.58	37.38 0.86 0.00	35.11 0.82 0.00	35.44 0.79 0.00	37.44 0.73 1.32	45.30 0.91 0.00	43.30 0.83 0.00	43.55 1.23 0.00	47.41 1.29 0.00	51.12 0.99 0.00	173.41 2.56 0.00	45.30 0.53 0.00	42.33 0.63 0.00	45.83 0.80 0.00
STEUBEN_REC_LFGE 323667	34.27 -2.22 0.00	33.93 -1.74 0.00	35.89 -1.60 0.00	34.03 -1.59 0.00	34.13 -1.42 0.00	36.88 -1.36 0.00	46.99 -1.24 0.00	46.32 -1.09 0.00	33.90 -1.09 0.00	34.28 -0.86 0.00	37.19 -1.29 0.00	35.32 -1.19 0.00	47.20 -1.68 -14.59	57.70 -2.05 -25.09	56.55 -2.27 -20.79	70.24 -3.03 -28.87	64.49 -2.39 -24.42	51.95 -1.81 -11.44	45.53 -0.59 0.00	49.42 -0.67 0.04	166.67 -4.18 0.00	43.73 -1.03 0.00	41.04 -0.66 0.00	44.74 -0.26 0.03

STILLWATER___SOLAR 323814	38.15 1.66 0.00	37.24 1.57 0.00	39.10 1.61 0.00	37.17 1.54 0.00	37.09 1.54 0.00	39.90 1.66 0.00	50.41 2.18 0.00	49.51 2.11 0.00	36.33 1.35 0.00	36.27 1.13 0.00	39.55 1.07 0.00	37.54 1.03 0.00	35.28 0.98 0.00	35.65 1.00 0.00	38.99 0.96 0.00	45.54 1.15 0.00	43.56 1.09 0.00	43.88 1.56 0.00	47.99 1.86 0.00	51.92 1.79 0.00	176.62 5.77 0.00	46.28 1.52 0.00	43.29 1.60 0.00	46.69 1.66 0.00
STONY___BROOK 24151	39.68 3.19 0.00	38.65 2.98 0.00	40.05 2.57 0.00	37.96 2.33 0.00	37.85 2.30 0.00	40.56 2.32 0.00	50.75 2.52 0.00	49.85 2.43 0.00	36.55 1.56 0.00	37.40 2.26 0.00	46.39 3.61 -4.30	42.66 3.56 -2.59	55.28 3.90 -17.08	55.37 3.91 -16.81	53.55 4.18 -11.34	51.54 5.19 -1.97	66.23 4.78 -18.98	78.31 4.91 -31.09	50.29 4.17 0.00	54.67 3.13 -1.41	177.85 7.00 0.00	46.56 1.80 0.00	43.74 2.04 0.00	48.14 3.11 0.00
STURGEON_POOL_HYD 23609	38.56 2.07 0.00	37.51 1.84 0.00	39.11 1.62 0.00	37.12 1.49 0.00	37.01 1.46 0.00	39.79 1.55 0.00	49.92 1.69 0.00	48.97 1.56 0.00	36.34 1.35 0.00	36.82 1.68 0.00	40.77 2.30 0.00	38.88 2.37 0.00	33.27 2.56 3.59	25.31 2.67 12.02	32.48 3.08 8.63	48.14 3.75 0.00	50.79 3.80 -4.53	51.87 3.71 -5.84	49.73 3.61 0.00	53.20 3.06 0.00	178.60 7.76 0.00	46.57 1.81 0.00	43.50 1.80 0.00	47.13 2.10 0.00
ST_LAW_115_BK7_LBMP 345037	36.17 -0.33 0.00	35.39 -0.28 0.00	37.26 -0.22 0.00	35.46 -0.16 0.00	35.30 -0.25 0.00	37.96 -0.27 0.00	47.99 -0.24 0.00	47.17 -0.24 0.00	34.88 -0.11 0.00	34.96 -0.18 0.00	38.17 -0.31 0.00	36.16 -0.35 0.00	33.82 -0.48 0.00	34.22 -0.44 0.00	37.49 -0.54 0.00	43.74 -0.65 0.00	41.80 -0.66 0.00	41.56 -0.76 0.00	45.40 -0.73 0.00	49.84 -0.29 0.00	171.24 0.40 0.00	44.92 0.15 0.00	41.62 -0.08 0.00	44.91 -0.12 0.00
ST_LAW_115_BK8_LBMP 345038	36.17 -0.33 0.00	35.39 -0.28 0.00	37.26 -0.22 0.00	35.46 -0.16 0.00	35.30 -0.25 0.00	37.96 -0.27 0.00	47.99 -0.24 0.00	47.17 -0.24 0.00	34.88 -0.11 0.00	34.96 -0.18 0.00	38.17 -0.31 0.00	36.16 -0.35 0.00	33.82 -0.48 0.00	34.22 -0.44 0.00	37.49 -0.54 0.00	43.74 -0.65 0.00	41.80 -0.66 0.00	41.56 -0.76 0.00	45.40 -0.73 0.00	49.84 -0.29 0.00	171.24 0.40 0.00	44.92 0.15 0.00	41.62 -0.08 0.00	44.91 -0.12 0.00
ST_LAW_230_BK5_LBMP 345035	36.17 -0.32 0.00	35.39 -0.28 0.00	37.26 -0.22 0.00	35.46 -0.16 0.00	35.31 -0.24 0.00	37.97 -0.26 0.00	48.00 -0.23 0.00	47.18 -0.23 0.00	34.88 -0.11 0.00	34.97 -0.17 0.00	38.19 -0.29 0.00	36.18 -0.33 0.00	33.85 -0.44 0.00	34.23 -0.42 0.00	37.53 -0.50 0.00	43.79 -0.60 0.00	41.86 -0.60 0.00	41.63 -0.69 0.00	45.48 -0.65 0.00	49.89 -0.24 0.00	171.35 0.50 0.00	44.92 0.16 0.00	41.65 -0.05 0.00	44.92 -0.11 0.00
ST_LAW_230_BK6_LBMP 345036	36.17 -0.32 0.00	35.39 -0.28 0.00	37.26 -0.22 0.00	35.46 -0.16 0.00	35.31 -0.24 0.00	37.97 -0.26 0.00	48.00 -0.23 0.00	47.18 -0.23 0.00	34.88 -0.11 0.00	34.97 -0.17 0.00	38.19 -0.29 0.00	36.18 -0.33 0.00	33.85 -0.44 0.00	34.23 -0.42 0.00	37.53 -0.50 0.00	43.79 -0.60 0.00	41.86 -0.60 0.00	41.63 -0.69 0.00	45.48 -0.65 0.00	49.89 -0.24 0.00	171.35 0.50 0.00	44.92 0.16 0.00	41.65 -0.05 0.00	44.92 -0.11 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	38.36 1.87 0.00	37.35 1.68 0.00	39.01 1.53 0.00	37.02 1.39 0.00	36.90 1.35 0.00	39.66 1.42 0.00	49.80 1.56 0.00	48.86 1.45 0.00	36.21 1.22 0.00	36.70 1.56 0.00	36.14 2.21 4.54	38.41 2.27 0.37	36.53 2.43 0.18	36.77 2.50 0.39	40.54 2.80 0.29	47.78 3.41 0.02	93.81 3.48 -47.87	107.59 3.59 -61.68	49.62 3.49 0.00	53.06 2.93 0.00	177.79 6.95 0.00	46.33 1.57 0.00	43.29 1.59 0.00	46.96 1.93 0.00
SWANROAD_115KV_TB1 355699	33.07 -3.43 0.00	32.57 -3.10 0.00	34.35 -3.14 0.00	32.48 -3.15 0.00	32.55 -3.00 0.00	35.28 -2.95 0.00	45.20 -3.03 0.00	44.22 -3.19 0.00	32.76 -2.23 0.00	33.05 -2.09 0.00	35.84 -2.63 0.00	34.09 -2.42 0.00	26.63 -2.35 5.31	23.05 -2.40 9.20	27.82 -2.55 7.66	30.31 -3.45 10.64	30.89 -2.58 9.00	35.14 -2.97 4.21	42.80 -3.32 0.00	46.47 -3.60 0.06	159.72 -11.13 0.00	42.10 -2.66 0.00	39.26 -2.44 0.00	42.26 -2.72 0.06
SYNERGY___BIOGAS 323694	35.13 -1.36 0.00	34.49 -1.18 0.00	36.31 -1.18 0.00	34.35 -1.28 0.00	34.40 -1.14 0.00	37.29 -0.95 0.00	47.85 -0.38 0.00	47.02 -0.39 0.00	34.59 -0.40 0.00	34.50 -0.64 0.00	37.30 -1.17 0.00	35.39 -1.12 0.00	29.73 -1.26 3.30	27.59 -1.32 5.74	31.89 -1.35 4.79	35.75 -1.99 6.65	35.82 -1.02 5.63	39.15 -0.55 2.63	45.81 -0.32 0.00	49.77 -0.30 0.07	170.74 -0.11 0.00	44.69 -0.07 0.00	41.52 -0.18 0.00	44.52 -0.46 0.06
SYRACUSE___ENERGY_ST1 323597	36.30 -0.19 0.00	35.49 -0.18 0.00	37.29 -0.19 0.00	35.40 -0.23 0.00	35.35 -0.20 0.00	38.12 -0.12 0.00	48.30 0.07 0.00	47.56 0.15 0.00	35.01 0.02 0.00	35.13 0.00 0.00	38.42 -0.05 0.00	36.59 0.08 0.00	34.59 0.29 0.00	34.60 -0.05 0.00	37.72 -0.31 0.00	43.97 -0.42 0.00	42.24 -0.22 0.00	42.31 -0.01 0.00	46.34 0.22 0.00	50.18 0.04 -0.01	170.35 -0.50 0.00	44.56 -0.20 0.00	41.48 -0.22 0.00	44.71 -0.33 -0.01
SYRACUSE___ENERGY_ST2 323598	36.30 -0.19 0.00	35.49 -0.18 0.00	37.29 -0.19 0.00	35.40 -0.23 0.00	35.35 -0.20 0.00	38.12 -0.12 0.00	48.30 0.07 0.00	47.56 0.15 0.00	35.01 0.02 0.00	35.13 0.00 0.00	38.42 -0.05 0.00	36.59 0.08 0.00	34.59 0.29 0.00	34.60 -0.05 0.00	37.72 -0.31 0.00	43.97 -0.42 0.00	42.24 -0.22 0.00	42.31 -0.01 0.00	46.34 0.22 0.00	50.18 0.04 -0.01	170.35 -0.50 0.00	44.56 -0.20 0.00	41.48 -0.22 0.00	44.71 -0.33 -0.01
SYRACUSE___POWER 24017	36.16 -0.33 0.00	35.36 -0.31 0.00	37.14 -0.35 0.00	35.25 -0.38 0.00	35.20 -0.34 0.00	37.96 -0.28 0.00	48.06 -0.17 0.00	47.32 -0.09 0.00	34.86 -0.13 0.00	35.02 -0.12 0.00	38.28 -0.20 0.00	36.36 -0.15 0.00	34.19 -0.10 0.00	34.39 -0.26 0.00	37.69 -0.34 0.00	43.98 -0.41 0.00	42.24 -0.22 0.00	42.29 -0.03 0.00	46.28 0.15 0.00	50.10 -0.02 0.02	170.14 -0.70 0.00	44.47 -0.29 0.00	41.40 -0.30 0.00	44.61 -0.41 0.02
TALLMAN___138KV_BK151 55660	38.61 2.12 0.00	37.58 1.91 0.00	39.21 1.72 0.00	37.18 1.55 0.00	37.05 1.50 0.00	39.83 1.59 0.00	49.98 1.75 0.00	49.06 1.65 0.00	36.38 1.39 0.00	36.93 1.79 0.00	34.88 2.55 6.14	38.55 2.61 0.58	36.83 2.82 0.29	36.94 2.89 0.60	40.81 3.23 0.45	48.28 3.92 0.03	75.86 3.97 -29.43	84.38 4.08 -37.98	50.07 3.94 0.00	53.45 3.32 0.00	178.78 7.94 0.00	46.54 1.78 0.00	43.50 1.80 0.00	47.23 2.20 0.00
TEALLAVE_115KV_TB7 355573	35.95 -0.55 0.00	35.14 -0.53 0.00	36.93 -0.56 0.00	35.05 -0.58 0.00	35.01 -0.54 0.00	37.73 -0.50 0.00	47.78 -0.46 0.00	47.03 -0.38 0.00	34.66 -0.33 0.00	34.82 -0.33 0.00	38.08 -0.39 0.00	36.17 -0.34 0.00	33.98 -0.31 0.00	34.22 -0.44 0.00	37.54 -0.49 0.00	43.77 -0.62 0.00	42.04 -0.42 0.00	42.08 -0.24 0.00	46.01 -0.11 0.00	49.78 -0.32 0.03	169.15 -1.70 0.00	44.25 -0.51 0.00	41.19 -0.51 0.00	44.37 -0.64 0.02

TELGRAPH_34_KV_EAST 80808	34.13 -2.36 0.00	33.58 -2.09 0.00	35.38 -2.11 0.00	33.46 -2.17 0.00	33.52 -2.02 0.00	36.32 -1.91 0.00	46.57 -1.66 0.00	45.68 -1.73 0.00	33.73 -1.26 0.00	33.89 -1.26 0.00	36.74 -1.73 0.00	34.92 -1.60 0.00	28.30 -1.65 4.34	25.40 -1.72 7.53	29.97 -1.79 6.27	33.19 -2.49 8.71	33.48 -1.62 7.37	37.20 -1.68 3.44	44.41 -1.71 0.00	48.19 -1.87 0.06	165.41 -5.44 0.00	43.44 -1.32 0.00	40.44 -1.26 0.00	43.45 -1.52 0.06
TEMPLE___115KV_TB 2 55572	35.95 -0.54 0.00	35.15 -0.52 0.00	36.94 -0.55 0.00	35.05 -0.57 0.00	35.02 -0.54 0.00	37.75 -0.48 0.00	47.79 -0.44 0.00	47.04 -0.37 0.00	34.66 -0.33 0.00	34.84 -0.30 0.00	38.11 -0.36 0.00	36.18 -0.33 0.00	33.99 -0.30 0.00	34.23 -0.42 0.00	37.55 -0.48 0.00	43.80 -0.59 0.00	42.08 -0.38 0.00	42.10 -0.22 0.00	46.03 -0.09 0.00	49.79 -0.31 0.03	169.15 -1.70 0.00	44.25 -0.51 0.00	41.19 -0.51 0.00	44.37 -0.64 0.02
TIANA___69_KV_BK 1 55817	39.76 3.27 0.00	38.81 3.14 0.00	40.06 2.58 0.00	37.96 2.33 0.00	37.86 2.31 0.00	40.61 2.38 0.00	50.85 2.61 0.00	49.92 2.51 0.00	36.65 1.66 0.00	37.82 2.68 0.00	46.83 4.05 -4.30	42.90 3.79 -2.59	55.59 4.22 -17.08	55.33 3.87 -16.81	53.45 4.08 -11.34	51.44 5.08 -1.97	67.39 4.72 -20.21	81.15 4.95 -33.88	50.37 4.25 0.00	54.93 3.22 -1.58	178.03 7.18 0.00	46.57 1.81 0.00	43.78 2.08 0.00	48.42 3.39 0.00
TILDEN___115KV_TB1 80814	36.16 -0.33 0.00	35.36 -0.31 0.00	37.14 -0.35 0.00	35.25 -0.38 0.00	35.20 -0.34 0.00	37.96 -0.28 0.00	48.06 -0.17 0.00	47.32 -0.09 0.00	34.86 -0.13 0.00	35.02 -0.12 0.00	38.28 -0.20 0.00	36.36 -0.15 0.00	34.19 -0.10 0.00	34.39 -0.26 0.00	37.69 -0.34 0.00	43.98 -0.41 0.00	42.24 -0.22 0.00	42.29 -0.03 0.00	46.28 0.15 0.00	50.10 -0.02 0.02	170.14 -0.70 0.00	44.47 -0.29 0.00	41.40 -0.30 0.00	44.61 -0.41 0.02
TRIGEN___CC 323695	39.19 2.70 0.00	38.12 2.45 0.00	39.66 2.17 0.00	37.61 1.98 0.00	37.49 1.94 0.00	40.24 2.00 0.00	50.34 2.11 0.00	49.39 1.98 0.00	36.55 1.56 0.00	37.22 2.08 0.00	45.88 3.11 -4.30	42.24 3.14 -2.59	54.64 3.27 -17.08	54.79 3.34 -16.81	53.09 3.72 -11.34	50.89 4.53 -1.97	59.14 4.31 -12.37	62.30 4.46 -15.53	50.17 4.04 0.00	53.35 3.22 0.00	178.42 7.57 0.00	46.56 1.80 0.00	43.62 1.92 0.00	47.77 2.74 0.00
TRINITY___115KV__ 4 BK 55933	37.41 0.92 0.00	36.59 0.92 0.00	38.43 0.95 0.00	36.56 0.93 0.00	36.49 0.94 0.00	39.24 1.00 0.00	49.30 1.07 0.00	48.46 1.05 0.00	35.78 0.79 0.00	35.87 0.73 0.00	39.74 0.68 -0.58	37.20 0.69 0.00	34.96 0.67 0.00	35.31 0.66 0.00	38.64 0.61 0.00	45.15 0.75 0.00	43.06 0.60 0.00	43.12 0.81 0.00	46.87 0.74 0.00	50.56 0.43 0.00	171.80 0.95 0.00	45.02 0.26 0.00	42.09 0.39 0.00	45.52 0.49 0.00
UNION___PROCESSING_DRP 323587	35.11 -1.38 0.00	34.44 -1.23 0.00	36.23 -1.26 0.00	34.31 -1.31 0.00	34.32 -1.23 0.00	37.12 -1.12 0.00	47.34 -0.89 0.00	46.56 -0.85 0.00	34.32 -0.67 0.00	34.52 -0.62 0.00	37.62 -0.86 0.00	35.74 -0.77 0.00	33.38 -0.91 0.00	33.63 -1.02 0.00	36.94 -1.09 0.00	42.88 -1.52 0.00	41.58 -0.88 0.00	41.60 -0.72 0.00	45.49 -0.63 0.00	49.28 -0.79 0.07	168.69 -2.16 0.00	44.14 -0.62 0.00	41.06 -0.64 0.00	44.08 -0.89 0.06
UPPER HUDSON___HYD 24058	38.00 1.51 0.00	37.05 1.38 0.00	38.88 1.40 0.00	36.98 1.35 0.00	36.90 1.36 0.00	39.66 1.42 0.00	50.23 2.00 0.00	49.30 1.89 0.00	36.13 1.14 0.00	35.98 0.84 0.00	39.15 0.67 0.00	37.23 0.72 0.00	34.97 0.67 0.00	35.36 0.71 0.00	38.64 0.61 0.00	45.05 0.66 0.00	43.18 0.71 0.00	43.68 1.37 0.00	47.84 1.71 0.00	51.84 1.71 0.00	176.24 5.39 0.00	46.22 1.45 0.00	43.37 1.67 0.00	46.66 1.62 0.00
UPPER RAQUET___HYD 24056	36.47 -0.03 0.00	35.72 0.05 0.00	37.68 0.19 0.00	35.87 0.24 0.00	35.65 0.11 0.00	38.39 0.16 0.00	48.66 0.43 0.00	47.79 0.38 0.00	35.14 0.16 0.00	35.09 -0.05 0.00	38.23 -0.25 0.00	36.12 -0.39 0.00	33.70 -0.59 0.00	34.24 -0.41 0.00	37.16 -0.86 0.00	43.04 -1.35 0.00	40.90 -1.56 0.00	40.68 -1.64 0.00	44.76 -1.36 0.00	49.40 -0.73 0.00	170.88 0.03 0.00	44.96 0.19 0.00	41.86 0.16 0.00	45.37 0.33 0.00
VALLEY44_115KV_TB2 355964	35.11 -1.38 0.00	34.58 -1.09 0.00	36.50 -0.99 0.00	34.47 -1.16 0.00	34.51 -1.04 0.00	37.28 -0.96 0.00	47.66 -0.57 0.00	47.27 -0.14 0.00	34.73 -0.26 0.00	35.33 0.19 0.00	38.65 0.17 0.00	36.68 0.17 0.00	32.24 -0.11 1.93	30.79 -0.48 3.38	34.70 -0.49 2.85	39.88 -0.61 3.90	39.13 -0.04 3.30	40.47 -0.31 1.54	46.05 -0.07 0.00	49.11 -0.97 0.05	165.74 -5.11 0.00	42.80 -1.97 0.00	40.20 -1.49 0.00	43.71 -1.28 0.05
VALLEY___115KV_TB 1-4 80826	37.23 0.74 0.00	36.25 0.57 0.00	38.01 0.53 0.00	36.17 0.54 0.00	36.14 0.60 0.00	38.90 0.66 0.00	49.05 0.82 0.00	48.11 0.70 0.00	35.23 0.24 0.00	35.26 0.11 0.00	38.28 -0.19 0.00	36.25 -0.26 0.00	33.97 -0.32 0.00	34.22 -0.43 0.00	37.55 -0.48 0.00	43.93 -0.46 0.00	41.96 -0.50 0.00	42.31 -0.01 0.00	46.58 0.45 0.00	50.54 0.41 0.00	172.09 1.25 0.00	45.10 0.34 0.00	42.21 0.51 0.00	45.64 0.60 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	37.85 1.36 0.00	36.99 1.31 0.00	38.88 1.39 0.00	36.89 1.27 0.00	36.88 1.33 0.00	39.71 1.47 0.00	49.99 1.76 0.00	49.11 1.70 0.00	36.21 1.23 0.00	36.45 1.31 0.00	40.05 1.57 0.00	38.06 1.55 0.00	35.93 1.64 0.00	36.27 1.62 0.00	39.88 1.85 0.00	46.56 2.17 0.00	44.80 2.33 0.00	44.93 2.61 0.00	48.85 2.73 0.00	52.49 2.36 0.01	177.67 6.83 0.00	46.42 1.66 0.00	43.23 1.53 0.00	46.66 1.64 0.01
VISCHER___FERRY HYD 24020	37.82 1.33 0.00	36.95 1.28 0.00	38.79 1.30 0.00	36.89 1.26 0.00	36.80 1.25 0.00	39.57 1.33 0.00	49.89 1.66 0.00	49.03 1.62 0.00	36.11 1.12 0.00	36.10 0.96 0.00	39.92 0.88 -0.57	37.37 0.86 0.00	35.16 0.87 0.00	35.53 0.88 0.00	38.87 0.84 0.00	45.40 1.01 0.00	43.25 0.78 0.00	43.38 1.06 0.00	47.23 1.11 0.00	51.04 0.90 0.00	173.87 3.03 0.00	45.61 0.85 0.00	42.69 0.99 0.00	46.10 1.06 0.00
V_A_10_SYNC_DSASP 323832	33.93 -2.56 0.00	33.39 -2.28 0.00	35.20 -2.28 0.00	33.31 -2.32 0.00	33.35 -2.20 0.00	36.08 -2.16 0.00	46.08 -2.16 0.00	45.20 -2.21 0.00	33.40 -1.59 0.00	33.69 -1.45 0.00	36.64 -1.83 0.00	34.83 -1.68 0.00	29.09 -1.81 3.39	26.81 -1.96 5.89	31.03 -2.10 4.91	34.72 -2.85 6.81	34.62 -2.09 5.76	37.45 -2.17 2.70	43.87 -2.25 0.00	47.55 -2.51 0.07	163.20 -7.65 0.00	42.82 -1.94 0.00	39.97 -1.73 0.00	42.99 -1.98 0.06
V_CMM_10_SYNC_DSASP 323787	36.31 -0.18 0.00	35.54 -0.13 0.00	37.42 -0.06 0.00	35.61 -0.02 0.00	35.44 -0.11 0.00	38.11 -0.12 0.00	48.14 -0.10 0.00	47.32 -0.09 0.00	35.05 0.07 0.00	35.08 -0.06 0.00	38.31 -0.17 0.00	36.33 -0.18 0.00	33.95 -0.34 0.00	34.35 -0.30 0.00	37.63 -0.40 0.00	43.87 -0.52 0.00	41.94 -0.52 0.00	41.73 -0.59 0.00	45.54 -0.59 0.00	50.00 -0.13 0.00	171.90 1.05 0.00	45.04 0.28 0.00	41.74 0.04 0.00	45.02 -0.02 0.00

V_CMP_10_SYNC_DSASP 323788	36.08 -0.41 0.00	35.28 -0.39 0.00	37.20 -0.28 0.00	35.50 -0.13 0.00	35.37 -0.18 0.00	37.95 -0.29 0.00	48.10 -0.13 0.00	47.23 -0.18 0.00	34.84 -0.14 0.00	34.87 -0.27 0.00	38.04 -0.44 0.00	36.02 -0.49 0.00	33.74 -0.55 0.00	34.11 -0.54 0.00	37.42 -0.62 0.00	43.81 -0.58 0.00	42.08 -0.39 0.00	42.08 -0.24 0.00	46.07 -0.06 0.00	50.45 0.32 0.00	173.20 2.35 0.00	45.56 0.80 0.00	42.26 0.56 0.00	45.58 0.54 0.00
V_D_10_SYNC_DSASP 323841	36.49 0.00 0.00	35.75 0.08 0.00	37.66 0.17 0.00	35.83 0.20 0.00	35.66 0.11 0.00	38.36 0.12 0.00	48.49 0.26 0.00	47.64 0.23 0.00	35.20 0.21 0.00	35.28 0.14 0.00	38.48 0.01 0.00	36.45 -0.06 0.00	34.09 -0.20 0.00	34.51 -0.14 0.00	37.75 -0.28 0.00	43.97 -0.42 0.00	41.99 -0.47 0.00	41.78 -0.54 0.00	45.69 -0.43 0.00	50.20 0.07 0.00	172.61 1.77 0.00	45.29 0.53 0.00	41.98 0.29 0.00	45.30 0.27 0.00
V_E_10_SYNC_DSASP 323830	37.08 0.58 0.00	36.13 0.46 0.00	37.99 0.51 0.00	36.24 0.61 0.00	36.43 0.88 0.00	39.56 1.32 0.00	50.34 2.11 0.00	50.03 2.62 0.00	36.53 1.54 0.00	35.91 0.78 0.00	39.06 0.59 0.00	36.63 0.12 0.00	35.43 -0.16 -1.29	36.31 -0.52 -2.17	39.59 -0.21 -1.77	46.85 -0.01 -2.46	44.80 0.26 -2.08	44.23 0.93 -0.98	48.47 2.34 0.00	53.14 3.03 0.01	182.46 11.62 0.00	47.62 2.86 0.00	44.18 2.48 0.00	47.12 2.10 0.01
V_F_30_NSYNC___DSASP 323816	38.16 1.67 0.00	37.26 1.59 0.00	39.12 1.64 0.00	37.19 1.56 0.00	37.11 1.56 0.00	39.93 1.69 0.00	50.44 2.21 0.00	49.54 2.13 0.00	36.36 1.38 0.00	36.33 1.19 0.00	39.63 1.16 0.00	37.61 1.10 0.00	35.34 1.05 0.00	35.73 1.07 0.00	39.09 1.06 0.00	45.66 1.27 0.00	43.67 1.21 0.00	43.97 1.66 0.00	48.07 1.95 0.00	52.01 1.88 0.00	176.91 6.06 0.00	46.33 1.56 0.00	43.33 1.63 0.00	46.71 1.68 0.00
V_F_30_SYNC_DSASP 323786	37.60 1.11 0.00	36.78 1.10 0.00	38.63 1.14 0.00	36.74 1.11 0.00	36.67 1.13 0.00	39.44 1.20 0.00	49.57 1.34 0.00	48.75 1.34 0.00	35.98 0.99 0.00	36.08 0.94 0.00	39.96 0.90 -0.58	37.42 0.91 0.00	35.17 0.88 0.00	35.51 0.86 0.00	38.86 0.83 0.00	45.43 1.04 0.00	43.36 0.89 0.00	43.44 1.12 0.00	47.21 1.08 0.00	50.90 0.76 0.00	172.86 2.01 0.00	45.28 0.52 0.00	42.32 0.62 0.00	45.74 0.71 0.00
V_XM_10_SYNC_DSASP 323789	36.08 -0.41 0.00	35.28 -0.39 0.00	37.20 -0.28 0.00	35.50 -0.13 0.00	35.37 -0.18 0.00	37.95 -0.29 0.00	48.10 -0.13 0.00	47.23 -0.18 0.00	34.84 -0.14 0.00	34.87 -0.27 0.00	38.04 -0.44 0.00	36.02 -0.49 0.00	33.74 -0.55 0.00	34.11 -0.54 0.00	37.42 -0.62 0.00	43.81 -0.58 0.00	42.08 -0.39 0.00	42.08 -0.24 0.00	46.07 -0.06 0.00	50.45 0.32 0.00	173.20 2.35 0.00	45.56 0.80 0.00	42.26 0.56 0.00	45.58 0.54 0.00
W.BABYLN_69_KV_BK1 56697	39.88 3.39 0.00	38.82 3.15 0.00	40.32 2.83 0.00	38.20 2.57 0.00	38.08 2.53 0.00	40.83 2.60 0.00	51.09 2.86 0.00	50.21 2.80 0.00	37.06 2.07 0.00	37.75 2.61 -4.30	46.51 3.73 -2.59	42.83 3.73 -17.08	55.38 4.01 -16.81	55.65 4.19 -11.34	53.90 4.53 -1.97	51.93 5.57 -23.12	70.85 5.27 -47.18	94.98 5.49 0.00	51.05 4.92 -2.87	56.96 3.96 -0.01	181.01 10.16 0.00	47.24 2.47 0.00	44.26 2.56 0.00	48.60 3.57 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	38.76 2.27 0.00	37.72 2.04 0.00	39.36 1.88 0.00	37.32 1.69 0.00	37.19 1.64 0.00	39.99 1.75 0.00	50.21 1.98 0.00	49.27 1.86 0.00	36.54 1.55 0.00	37.08 1.94 6.66	34.54 2.72 0.68	38.61 2.78 0.34	36.92 2.96 0.71	36.98 3.03 0.52	40.90 3.40 0.03	48.47 4.11 -22.58	69.21 4.16 -29.18	75.77 4.28 0.00	50.28 4.16 0.00	53.68 3.55 0.00	179.54 8.70 0.00	46.74 1.98 0.00	43.69 1.99 0.00	47.42 2.39 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	39.05 2.56 0.00	37.96 2.29 0.00	39.56 2.08 0.00	37.52 1.89 0.00	37.39 1.84 0.00	40.22 1.98 0.00	50.41 2.17 0.00	49.42 2.01 0.00	36.74 1.75 0.00	37.37 2.23 0.00	45.89 3.08 -4.34	42.25 3.11 -2.63	38.84 3.24 -1.31	40.72 3.32 -2.75	43.74 3.68 -2.03	48.92 4.39 -0.13	59.27 4.34 -12.47	62.41 4.44 -15.65	50.36 4.23 0.00	53.66 3.53 0.00	179.36 8.51 0.00	46.77 2.01 0.00	43.83 2.13 0.00	47.65 2.62 0.00
W50THST__13_KV_LOAD 356117	39.27 2.78 0.00	38.16 2.49 0.00	39.76 2.28 0.00	37.71 2.08 0.00	37.58 2.03 0.00	40.44 2.21 0.00	50.75 2.52 0.00	49.80 2.39 0.00	37.02 2.03 0.00	37.69 2.55 0.00	46.23 3.42 -4.34	42.60 3.47 -2.63	39.19 3.59 -1.31	41.05 3.65 -2.75	44.11 4.05 -2.03	49.33 4.81 -0.13	59.67 4.74 -12.47	62.77 4.80 -15.65	50.71 4.59 0.00	54.02 3.89 0.00	180.41 9.56 0.00	47.04 2.28 0.00	44.07 2.37 0.00	47.91 2.88 0.00
WADING RIVER_IC_1 23522	39.61 3.12 0.00	38.68 3.02 0.00	39.88 2.40 0.00	37.79 2.16 0.00	37.69 2.14 0.00	40.41 2.17 0.00	50.56 2.33 0.00	49.59 2.18 0.00	36.35 1.36 0.00	37.62 2.48 0.00	46.59 3.81 -4.30	42.59 3.49 -2.59	55.27 3.90 -17.08	54.79 3.34 -16.81	52.87 3.50 -11.34	50.73 4.37 -1.97	66.66 4.07 -20.13	80.26 4.33 -33.61	49.73 3.60 0.00	54.24 2.55 -1.56	175.92 5.08 0.00	46.09 1.33 0.00	43.31 1.62 0.00	47.90 2.87 0.00
WADING RIVER_IC_2 23547	39.61 3.12 0.00	38.68 3.02 0.00	39.88 2.40 0.00	37.79 2.16 0.00	37.69 2.14 0.00	40.41 2.17 0.00	50.56 2.33 0.00	49.59 2.18 0.00	36.35 1.36 0.00	37.62 2.48 0.00	46.59 3.81 -4.30	42.59 3.49 -2.59	55.27 3.90 -17.08	54.79 3.34 -16.81	52.87 3.50 -11.34	50.73 4.37 -1.97	66.66 4.07 -20.13	80.26 4.33 -33.61	49.73 3.60 0.00	54.24 2.55 -1.56	175.92 5.08 0.00	46.09 1.33 0.00	43.31 1.62 0.00	47.90 2.87 0.00
WADING RIVER_IC_3 23601	39.61 3.12 0.00	38.68 3.02 0.00	39.88 2.40 0.00	37.79 2.16 0.00	37.69 2.14 0.00	40.41 2.17 0.00	50.56 2.33 0.00	49.59 2.18 0.00	36.35 1.36 0.00	37.62 2.48 0.00	46.59 3.81 -4.30	42.59 3.49 -2.59	55.27 3.90 -17.08	54.79 3.34 -16.81	52.87 3.50 -11.34	50.73 4.37 -1.97	66.66 4.07 -20.13	80.26 4.33 -33.61	49.73 3.60 0.00	54.24 2.55 -1.56	175.92 5.08 0.00	46.09 1.33 0.00	43.31 1.62 0.00	47.90 2.87 0.00
WALDENNY_12_KV_BK2 80841	34.02 -2.47 0.00	33.54 -2.13 0.00	35.36 -2.12 0.00	33.43 -2.20 0.00	33.50 -2.05 0.00	36.28 -1.96 0.00	46.53 -1.70 0.00	45.69 -1.72 0.00	33.79 -1.20 0.00	34.17 -0.97 0.00	37.12 -1.35 0.00	35.34 -1.17 0.00	26.04 -1.33 6.92	21.22 -1.45 11.98	26.58 -1.48 9.97	28.37 -2.15 13.87	29.46 -1.28 11.73	35.35 -1.48 5.49	44.57 -1.55 0.00	48.29 -1.78 0.06	165.49 -5.36 0.00	43.42 -1.35 0.00	40.51 -1.19 0.00	43.55 -1.43 0.05
WALDEN___HYDRO 24148	38.60 2.11 0.00	37.57 1.90 0.00	39.22 1.73 0.00	37.21 1.59 0.00	37.10 1.55 0.00	39.88 1.64 0.00	50.10 1.86 0.00	49.16 1.75 0.00	36.43 1.44 0.00	36.87 1.73 0.00	39.35 2.37 1.50	38.94 2.43 0.00	36.86 2.57 0.00	37.28 2.63 0.00	40.99 2.96 0.00	48.03 3.64 0.00	55.49 3.72 -9.30	58.13 3.82 -11.98	49.91 3.78 0.00	53.39 3.26 0.00	178.99 8.14 0.00	46.64 1.88 0.00	43.56 1.86 0.00	47.23 2.19 0.00

WARRENSBURG____ 23737	38.00 1.51 0.00	37.05 1.38 0.00	38.89 1.40 0.00	36.98 1.35 0.00	36.90 1.36 0.00	39.66 1.42 0.00	50.23 2.00 0.00	49.30 1.89 0.00	36.13 1.14 0.00	35.98 0.84 0.00	39.15 0.67 0.00	37.23 0.72 0.00	34.97 0.67 0.00	35.37 0.71 0.00	38.65 0.61 0.00	45.05 0.66 0.00	43.18 0.72 0.00	43.68 1.37 0.00	47.83 1.71 0.00	51.84 1.71 0.00	176.24 5.39 0.00	46.21 1.45 0.00	43.37 1.67 0.00	46.66 1.62 0.00
WATERSIDE____6 8 9 23538	39.07 2.58 0.00	37.98 2.30 0.00	39.57 2.08 0.00	37.53 1.90 0.00	37.40 1.85 0.00	40.24 2.01 0.00	50.36 2.13 0.00	49.32 1.91 0.00	36.71 1.72 0.00	37.36 2.22 0.00	45.90 3.09 -4.33	42.24 3.11 -2.62	38.83 3.23 -1.30	40.69 3.29 -2.75	43.71 3.65 -2.03	48.82 4.29 -0.13	59.10 4.18 -12.45	62.28 4.33 -15.63	50.19 4.07 0.00	53.48 3.35 0.00	178.56 7.72 0.00	46.70 1.94 0.00	43.82 2.13 0.00	47.65 2.62 0.00
WATKINRD_115KV_LN8_ILLION 55919	37.04 0.54 0.00	36.11 0.44 0.00	37.90 0.42 0.00	36.04 0.42 0.00	36.00 0.46 0.00	38.74 0.50 0.00	48.84 0.61 0.00	47.92 0.52 0.00	35.17 0.19 0.00	35.23 0.09 0.00	38.37 -0.11 0.00	36.36 -0.15 0.00	34.10 -0.19 0.00	34.39 -0.26 0.00	37.75 -0.28 0.00	44.13 -0.26 0.00	42.19 -0.28 0.00	42.39 0.07 0.00	46.53 0.41 0.00	50.48 0.35 0.00	171.79 0.94 0.00	44.99 0.23 0.00	42.06 0.36 0.00	45.45 0.42 0.00
WDELAWARE____HYD 323627	37.99 1.50 0.00	36.97 1.29 0.00	38.57 1.08 0.00	36.62 0.99 0.00	36.52 0.97 0.00	39.26 1.02 0.00	49.38 1.15 0.00	48.50 1.09 0.00	35.89 0.90 0.00	36.27 1.12 0.00	38.95 1.65 1.17	38.20 1.69 0.00	34.90 1.87 1.27	32.34 1.93 4.24	37.23 2.24 3.04	47.19 2.80 0.00	45.51 3.04 0.00	45.47 3.15 0.00	49.27 3.15 0.00	52.72 2.59 0.00	176.99 6.15 0.00	46.08 1.32 0.00	42.97 1.27 0.00	46.52 1.49 0.00
WEST BABYLON____IC 23714	39.88 3.39 0.00	38.82 3.15 0.00	40.32 2.83 0.00	38.20 2.57 0.00	38.08 2.53 0.00	40.83 2.60 0.00	51.09 2.86 0.00	50.21 2.80 0.00	37.06 2.07 0.00	37.75 2.61 0.00	46.51 3.73 -4.30	42.83 3.73 -2.59	55.38 4.01 -17.08	55.65 4.19 -16.81	53.90 4.53 -11.34	51.93 5.57 -1.97	70.85 5.27 -23.12	94.98 5.49 -47.18	51.05 4.92 0.00	56.96 3.96 -2.87	181.01 10.16 -0.01	47.24 2.47 0.00	44.26 2.56 0.00	48.60 3.57 0.00
WEST CANADA____HYD 24049	36.63 0.13 0.00	35.78 0.11 0.00	37.60 0.11 0.00	35.74 0.11 0.00	35.65 0.11 0.00	38.35 0.12 0.00	48.34 0.11 0.00	47.51 0.10 0.00	35.05 0.06 0.00	35.19 0.04 0.00	38.52 0.04 0.00	36.55 0.04 0.00	34.33 0.04 0.00	34.69 0.03 0.00	38.07 0.04 0.00	44.47 0.08 0.00	42.55 0.09 0.00	42.49 0.17 0.00	46.35 0.22 0.00	50.25 0.12 0.00	171.02 0.17 0.00	44.80 0.04 0.00	41.78 0.08 0.00	45.13 0.09 0.00
WESTERN_NY_WIND 24143	35.06 -1.43 0.00	34.43 -1.24 0.00	36.24 -1.24 0.00	34.28 -1.35 0.00	34.34 -1.21 0.00	37.22 -1.02 0.00	47.77 -0.47 0.00	46.94 -0.47 0.00	34.54 -0.45 0.00	34.46 -0.68 0.00	37.24 -1.23 0.00	35.35 -1.16 0.00	29.44 -1.30 3.55	27.12 -1.36 6.17	31.50 -1.39 5.14	35.21 -2.03 7.15	35.35 -1.07 6.05	38.87 -0.62 2.82	45.72 -0.40 0.00	49.67 -0.39 0.07	170.40 -0.44 0.00	44.61 -0.15 0.00	41.45 -0.25 0.00	44.45 -0.52 0.06
WESTOVER____LESR 323668	36.16 -0.33 0.00	35.42 -0.25 0.00	37.23 -0.25 0.00	35.30 -0.33 0.00	35.29 -0.26 0.00	38.02 -0.22 0.00	48.16 -0.07 0.00	47.34 -0.07 0.00	34.83 -0.15 0.00	35.14 0.00 0.00	38.50 0.03 0.00	36.66 0.15 0.00	35.33 0.15 -0.89	36.14 -0.01 -1.50	39.34 0.09 -1.22	46.14 0.05 -1.70	44.23 0.33 -1.44	43.43 0.44 -0.67	46.73 0.61 0.00	50.37 0.26 0.02	170.09 -0.75 0.00	44.38 -0.39 0.00	41.41 -0.29 0.00	44.78 -0.24 0.02
WETHRSFD_WT_PWR 323626	33.68 -2.81 0.00	33.30 -2.37 0.00	35.20 -2.28 0.00	33.34 -2.29 0.00	33.40 -2.14 0.00	36.15 -2.08 0.00	46.21 -2.02 0.00	45.43 -1.97 0.00	33.38 -1.60 0.00	33.71 -1.43 0.00	36.55 -1.92 0.00	34.72 -1.79 0.00	9.70 -2.03 22.56	-6.54 -2.23 38.96	3.27 -2.41 32.35	-3.67 -3.13 44.93	2.05 -2.42 38.00	22.38 -2.14 17.80	44.39 -1.74 0.00	48.11 -1.98 0.05	163.81 -7.04 0.00	43.02 -1.74 0.01	40.15 -1.40 0.14	43.51 -1.41 0.12
WHAVSTOR_138KV_BK127 55557	38.59 2.09 0.00	37.55 1.88 0.00	39.18 1.70 0.00	37.15 1.53 0.00	37.03 1.48 0.00	39.81 1.57 0.00	49.95 1.72 0.00	49.00 1.59 0.00	36.33 1.34 0.00	36.88 1.74 0.00	34.18 2.48 6.77	38.36 2.54 0.70	36.68 2.73 0.35	36.72 2.80 0.73	40.62 3.13 0.54	48.15 3.79 0.03	67.69 3.82 -21.40	73.91 3.93 -27.66	49.91 3.79 0.00	53.29 3.17 0.00	178.31 7.46 0.00	46.46 1.69 0.00	43.44 1.74 0.00	47.18 2.15 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	38.59 2.09 0.00	37.55 1.88 0.00	39.18 1.70 0.00	37.15 1.53 0.00	37.03 1.48 0.00	39.81 1.57 0.00	49.95 1.72 0.00	49.00 1.59 0.00	36.33 1.34 0.00	36.88 1.74 0.00	34.18 2.48 6.77	38.36 2.54 0.70	36.68 2.73 0.35	36.72 2.80 0.73	40.62 3.13 0.54	48.15 3.79 0.03	67.69 3.82 -21.40	73.91 3.93 -27.66	49.91 3.79 0.00	53.29 3.17 0.00	178.31 7.46 0.00	46.46 1.69 0.00	43.44 1.74 0.00	47.18 2.15 0.00
WHITEHAL_115KV_TB1 80871	39.05 2.56 0.00	38.00 2.32 0.00	39.67 2.18 0.00	37.71 2.09 0.00	37.60 2.05 0.00	40.34 2.10 0.00	51.46 3.23 0.00	50.73 3.32 0.00	37.11 2.12 0.00	36.66 1.52 0.00	39.47 0.99 0.00	37.84 1.32 0.00	35.61 1.32 0.00	35.98 1.33 0.00	39.40 1.37 0.00	45.67 1.27 0.00	43.82 1.36 0.00	44.49 2.17 0.00	48.85 2.73 0.00	53.23 3.10 0.00	181.41 10.56 0.00	47.83 3.07 0.00	45.15 3.45 0.00	48.33 3.30 0.00
WHITEPLN_13_KV_LOAD 356215	39.24 2.75 0.00	38.15 2.48 0.00	39.78 2.29 0.00	37.72 2.09 0.00	37.59 2.04 0.00	40.43 2.20 0.00	50.77 2.54 0.00	49.82 2.41 0.00	36.98 2.00 0.00	37.59 2.45 0.00	46.44 3.29 -4.67	42.99 3.34 -3.14	39.35 3.50 -1.56	41.51 3.56 -3.29	44.45 3.99 -2.44	49.33 4.79 -0.16	60.44 4.78 -13.19	63.72 4.90 -16.50	50.88 4.75 0.00	54.24 4.11 0.00	181.42 10.58 0.00	47.22 2.46 0.00	44.17 2.47 0.00	47.95 2.92 0.00
WM_FLOYD_69_KV_BK2 356380	39.72 3.23 0.00	38.74 3.07 0.00	40.04 2.56 0.00	37.93 2.31 0.00	37.84 2.29 0.00	40.57 2.33 0.00	50.80 2.56 0.00	49.86 2.45 0.00	36.63 1.64 0.00	37.68 2.54 0.00	46.58 3.80 -4.30	42.63 3.53 -2.59	55.26 3.89 -17.08	55.16 3.70 -16.81	53.24 3.87 -11.34	51.11 4.74 -1.97	67.42 4.41 -20.55	82.08 4.69 -35.07	50.17 4.04 0.00	54.87 3.04 -1.70	177.52 6.67 0.00	46.48 1.71 0.00	43.67 1.97 0.00	48.16 3.13 0.00
WOODARD__115KV_TB2 355635	35.88 -0.61 0.00	35.09 -0.59 0.00	36.86 -0.62 0.00	34.99 -0.64 0.00	34.95 -0.60 0.00	37.66 -0.57 0.00	47.67 -0.56 0.00	46.92 -0.49 0.00	34.57 -0.42 0.00	34.73 -0.41 0.00	37.99 -0.49 0.00	36.10 -0.41 0.00	33.95 -0.35 0.00	34.16 -0.49 0.00	37.44 -0.59 0.00	43.65 -0.75 0.00	41.92 -0.54 0.00	41.95 -0.37 0.00	45.88 -0.24 0.00	49.65 -0.47 0.02	168.78 -2.07 0.00	44.16 -0.61 0.00	41.11 -0.59 0.00	44.30 -0.72 0.01

YORK____WARBASSE	39.06	37.98	39.57	37.53	37.39	40.24	50.36	49.31	36.71	37.33	45.89	42.22	38.82	40.70	43.72	48.86	59.21	62.42	50.27	53.60	178.84	46.86	43.91	47.74
23770	2.57	2.30	2.09	1.90	1.84	2.00	2.13	1.90	1.73	2.19	3.08	3.09	3.22	3.30	3.66	4.34	4.29	4.46	4.15	3.46	7.99	2.10	2.21	2.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.33	-2.62	-1.30	-2.75	-2.03	-0.13	-12.45	-15.63	0.00	0.00	0.00	0.00	0.00	0.00