

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

12/08/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	57.85	53.03	48.10	43.27	43.75	45.21	44.02	43.01	43.84	43.33	42.51	41.06	40.84	41.45	43.59	48.66	54.68	58.40	58.00	55.54	54.22	50.81	47.62	47.54
24138	4.29	3.98	3.65	3.08	3.35	3.35	3.06	3.22	3.40	3.17	3.00	2.90	2.88	2.96	2.96	3.10	2.70	3.36	3.18	2.69	2.68	2.74	2.70	2.39
	0.00	-0.49	0.00	-3.56	0.00	0.00	-2.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	57.96	53.03	48.19	43.34	43.79	45.25	44.06	43.13	43.88	43.33	42.51	41.07	40.84	41.41	43.55	48.61	54.68	58.23	57.45	55.22	54.12	50.77	47.62	47.59
24260	4.39	3.98	3.73	3.15	3.39	3.39	3.10	3.34	3.44	3.17	3.00	2.90	2.88	2.93	2.93	3.05	2.70	3.19	2.63	2.38	2.58	2.69	2.70	2.44
	0.00	-0.49	0.00	-3.56	0.00	0.00	-2.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	57.96	53.03	48.19	43.34	43.79	45.25	44.06	43.13	43.88	43.33	42.51	41.07	40.84	41.41	43.55	48.61	54.68	58.23	57.45	55.22	54.12	50.77	47.62	47.59
24261	4.39	3.98	3.73	3.15	3.39	3.39	3.10	3.34	3.44	3.17	3.00	2.90	2.88	2.93	2.93	3.05	2.70	3.19	2.63	2.38	2.58	2.69	2.70	2.44
	0.00	-0.49	0.00	-3.56	0.00	0.00	-2.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	57.21	52.42	47.17	43.50	42.86	44.41	44.32	42.17	43.23	43.01	42.03	40.57	40.23	40.64	42.90	48.16	55.00	58.62	58.00	55.80	54.32	50.48	46.91	47.36
24011	3.64	3.20	2.71	2.09	2.46	2.55	2.60	2.39	2.79	2.85	2.53	2.40	2.28	2.16	2.28	2.60	3.01	3.58	3.18	2.96	2.78	2.40	1.98	2.21
	0.00	-0.66	0.00	-4.78	0.00	0.00	-2.97	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	57.43	52.66	47.30	43.72	43.06	44.54	44.47	42.37	43.52	43.21	42.23	40.76	40.39	40.80	43.06	48.25	55.21	59.06	58.65	56.17	54.68	50.72	47.09	47.59
23798	3.86	3.45	2.85	2.31	2.67	2.68	2.75	2.58	3.07	3.05	2.72	2.60	2.43	2.31	2.44	2.69	3.22	4.02	3.84	3.33	3.14	2.64	2.16	2.44
	0.00	-0.66	0.00	-4.79	0.00	0.00	-2.97	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	57.21	52.42	47.17	43.50	42.86	44.41	44.32	42.17	43.23	43.01	42.03	40.57	40.23	40.64	42.90	48.16	55.00	58.62	58.00	55.80	54.32	50.48	46.91	47.36
24028	3.64	3.20	2.71	2.09	2.46	2.55	2.60	2.39	2.79	2.85	2.53	2.40	2.28	2.16	2.28	2.60	3.01	3.58	3.18	2.96	2.78	2.40	1.98	2.21
	0.00	-0.66	0.00	-4.78	0.00	0.00	-2.97	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	57.43	52.69	47.61	43.85	43.31	44.83	44.41	42.57	43.44	43.01	42.23	40.84	40.61	41.11	43.35	48.43	55.10	58.67	58.33	55.96	54.58	50.91	47.58	47.72
23527	3.86	3.50	3.16	2.60	2.91	2.97	2.79	2.78	2.99	2.85	2.72	2.67	2.66	2.62	2.72	2.87	3.12	3.63	3.51	3.12	3.04	2.84	2.65	2.57
	0.00	-0.64	0.00	-4.62	0.00	0.00	-2.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	55.49	50.99	46.14	42.65	41.93	43.41	43.16	41.18	41.98	41.64	40.89	39.50	39.25	39.76	41.97	46.52	52.87	56.14	55.59	53.53	52.26	48.80	45.60	46.19
24190	1.93	1.80	1.69	1.36	1.54	1.55	1.51	1.39	1.54	1.49	1.38	1.34	1.29	1.27	1.34	0.96	0.88	1.10	0.77	0.69	0.72	0.72	0.67	1.04
	0.00	-0.65	0.00	-4.67	0.00	0.00	-2.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	53.46	48.50	44.23	36.44	40.15	41.52	38.48	39.55	40.08	39.92	39.43	38.09	37.92	38.45	40.50	45.56	52.09	54.82	55.31	53.48	52.16	48.60	45.51	45.78
355683	-0.11	-0.05	-0.22	-0.18	-0.24	-0.33	-0.27	-0.24	-0.36	-0.24	-0.08	-0.08	-0.04	-0.04	-0.12	0.00	0.10	-0.22	0.49	0.63	0.62	0.53	0.58	0.63
	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	55.98	51.42	46.54	42.80	42.30	43.79	43.37	41.49	42.31	41.84	41.05	39.62	39.40	39.91	42.21	47.06	53.64	57.08	56.74	54.48	53.14	49.52	46.23	46.69
323833	2.41	2.23	2.09	1.61	1.90	1.93	1.78	1.71	1.86	1.69	1.54	1.45	1.44	1.42	1.58	1.50	1.66	2.04	1.92	1.64	1.60	1.44	1.30	1.54
	0.00	-0.63	0.00	-4.57	0.00	0.00	-2.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	55.98	51.37	46.50	42.80	42.30	43.79	43.33	41.46	42.31	41.84	41.05	39.62	39.40	39.91	42.17	47.06	53.60	57.08	56.74	54.48	53.14	49.47	46.23	46.69
323834	2.41	2.19	2.05	1.61	1.90	1.93	1.75	1.67	1.86	1.69	1.54	1.45	1.44	1.42	1.54	1.50	1.61	2.04	1.92	1.64	1.60	1.40	1.30	1.54
	0.00	-0.63	0.00	-4.57	0.00	0.00	-2.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	55.49	50.99	46.14	42.65	41.93	43.41	43.16	41.18	41.98	41.64	40.89	39.50	39.25	39.76	41.97	46.52	52.87	56.14	55.59	53.53	52.26	48.80	45.60	46.19
23571	1.93	1.80	1.69	1.36	1.54	1.55	1.51	1.39	1.54	1.49	1.38	1.34	1.29	1.27	1.34	0.96	0.88	1.10	0.77	0.69	0.72	0.72	0.67	1.04
	0.00	-0.65	0.00	-4.67	0.00	0.00	-2.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	55.49 1.93 0.00	50.99 1.80 -0.65	46.14 1.69 0.00	42.65 1.36 -4.67	41.93 1.54 0.00	43.41 1.55 0.00	43.16 1.51 -2.89	41.18 1.39 0.00	41.98 1.54 0.00	41.64 1.49 0.00	40.89 1.38 0.00	39.50 1.34 0.00	39.25 1.29 0.00	39.76 1.27 0.00	41.97 1.34 0.00	46.52 0.96 0.00	52.87 0.88 0.00	56.14 1.10 0.00	55.59 0.77 0.00	53.53 0.69 0.00	52.26 0.72 0.00	48.80 0.72 0.00	45.60 0.67 0.00	46.19 1.04 0.00
ALBANY___3 23573	55.49 1.93 0.00	50.99 1.80 -0.65	46.14 1.69 0.00	42.65 1.36 -4.67	41.93 1.54 0.00	43.41 1.55 0.00	43.16 1.51 -2.89	41.18 1.39 0.00	41.98 1.54 0.00	41.64 1.49 0.00	40.89 1.38 0.00	39.50 1.34 0.00	39.25 1.29 0.00	39.76 1.27 0.00	41.97 1.34 0.00	46.52 0.96 0.00	52.87 0.88 0.00	56.14 1.10 0.00	55.59 0.77 0.00	53.53 0.69 0.00	52.26 0.72 0.00	48.80 0.72 0.00	45.60 0.67 0.00	46.19 1.04 0.00
ALBANY___4 23574	55.49 1.93 0.00	50.99 1.80 -0.65	46.14 1.69 0.00	42.65 1.36 -4.67	41.93 1.54 0.00	43.41 1.55 0.00	43.16 1.51 -2.89	41.18 1.39 0.00	41.98 1.54 0.00	41.64 1.49 0.00	40.89 1.38 0.00	39.50 1.34 0.00	39.25 1.29 0.00	39.76 1.27 0.00	41.97 1.34 0.00	46.52 0.96 0.00	52.87 0.88 0.00	56.14 1.10 0.00	55.59 0.77 0.00	53.53 0.69 0.00	52.26 0.72 0.00	48.80 0.72 0.00	45.60 0.67 0.00	46.19 1.04 0.00
ALBANY___LFGE 323615	55.87 2.30 0.00	51.29 2.09 -0.65	46.36 1.91 0.00	42.91 1.57 -4.71	42.17 1.78 0.00	43.66 1.80 0.00	43.42 1.75 -2.92	41.42 1.63 0.00	42.27 1.82 0.00	41.88 1.73 0.00	41.13 1.62 0.00	39.73 1.57 0.00	39.51 1.56 0.00	40.03 1.54 0.00	42.21 1.58 0.00	46.88 1.32 0.00	53.28 1.30 0.00	56.75 1.71 0.00	56.35 1.53 0.00	54.11 1.27 0.00	52.77 1.23 0.00	49.18 1.11 0.00	45.96 1.03 0.00	46.50 1.35 0.00
ALCOA_PA_115KV_PL-6C 55860	53.57 0.00 0.00	48.60 0.05 0.00	44.32 -0.13 0.00	36.48 -0.15 0.00	40.20 -0.20 0.00	41.57 -0.29 0.00	38.48 -0.27 0.00	39.55 -0.24 0.00	41.50 -0.36 -1.42	41.40 -0.20 -1.45	41.18 0.00 -1.68	38.84 0.00 -0.67	37.92 -0.04 0.00	38.53 0.04 0.00	40.55 -0.08 0.00	45.61 0.05 0.00	52.14 0.16 0.00	54.93 -0.11 0.00	55.37 0.55 0.00	53.58 0.74 0.00	52.21 0.67 0.00	48.70 0.62 0.00	45.60 0.67 0.00	45.92 0.77 0.00
ALCOA_RYNLDS___DRP 24188	53.57 0.00 0.00	48.60 0.05 0.00	44.32 -0.13 0.00	36.48 -0.15 0.00	40.20 -0.20 0.00	41.57 -0.29 0.00	38.48 -0.27 0.00	39.55 -0.24 0.00	41.50 -0.36 -1.42	41.40 -0.20 -1.45	41.18 0.00 -1.68	38.84 0.00 -0.67	37.92 -0.04 0.00	38.53 0.04 0.00	40.55 -0.08 0.00	45.61 0.05 0.00	52.14 0.16 0.00	54.93 -0.11 0.00	55.37 0.55 0.00	53.58 0.74 0.00	52.21 0.67 0.00	48.70 0.62 0.00	45.60 0.67 0.00	45.92 0.77 0.00
ALCOA___DSASP 323711	53.57 0.00 0.00	48.50 -0.05 0.00	44.32 -0.13 0.00	36.48 -0.15 0.00	40.20 -0.20 0.00	41.57 -0.29 0.00	38.48 -0.27 0.00	39.55 -0.24 0.00	41.50 -0.36 -1.42	41.40 -0.20 -1.45	41.18 0.00 -1.68	38.84 0.00 -0.67	37.92 -0.04 0.00	38.53 0.04 0.00	40.55 -0.08 0.00	45.61 0.05 0.00	52.14 0.16 0.00	54.77 -0.27 0.00	54.93 0.11 0.00	53.58 0.74 0.00	52.16 0.62 0.00	48.70 0.62 0.00	45.56 0.63 0.00	45.92 0.77 0.00
ALLEGHENY___COGEN 23514	51.69 -1.88 0.00	46.84 -1.75 -0.03	42.94 -1.51 0.00	35.21 -1.47 -0.05	39.10 -1.29 0.00	40.73 -1.13 0.00	37.55 -1.24 -0.04	38.71 -1.07 0.00	40.40 -1.33 -1.29	44.35 -1.57 -5.76	37.57 -1.93 0.00	36.33 -1.83 0.00	36.25 -1.71 0.00	36.80 -1.69 0.00	39.20 -1.42 0.00	44.97 -0.59 0.00	52.71 0.73 0.00	56.75 1.71 0.00	56.08 1.26 0.00	52.84 0.00 0.00	51.90 0.36 0.00	48.17 0.10 0.00	44.93 0.00 0.00	45.24 0.09 0.00
ALTAMONT_115KV_TB 2 55880	55.39 1.82 0.00	50.85 1.65 -0.65	46.01 1.56 0.00	42.54 1.25 -4.66	41.81 1.41 0.00	43.32 1.47 0.00	43.00 1.36 -2.89	41.14 1.35 0.00	41.90 1.46 0.00	41.52 1.37 0.00	40.77 1.26 0.00	39.39 1.22 0.00	39.13 1.18 0.00	39.68 1.19 0.00	41.85 1.22 0.00	46.70 1.14 0.00	53.18 1.20 0.00	56.47 1.43 0.00	55.97 1.15 0.00	53.90 1.06 0.00	52.62 1.08 0.00	49.08 1.01 0.00	45.87 0.94 0.00	46.19 1.04 0.00
ALTONA_WT_PWR 323606	53.08 -0.48 0.00	47.92 -0.63 0.00	43.61 -0.85 0.00	35.79 -0.84 0.00	39.27 -1.13 0.00	40.52 -1.34 0.00	37.55 -1.20 0.00	38.63 -1.16 0.00	0.99 -1.33 38.12	0.20 -1.20 38.75	-6.46 -0.99 44.98	19.11 -0.99 18.06	37.05 -0.91 0.00	37.60 -0.88 0.00	39.57 -1.06 0.00	44.79 -0.77 0.00	51.41 -0.57 0.00	54.60 -0.44 0.00	55.09 0.28 0.00	54.00 1.16 0.00	52.83 1.29 0.00	49.18 1.11 0.00	46.10 1.17 0.00	46.46 1.31 0.00
AMERICAN_REF_FUEL 24010	47.19 -6.38 0.00	42.92 -5.68 -0.04	39.52 -4.94 0.00	32.77 -4.07 -0.21	35.95 -4.44 0.00	37.55 -4.31 0.00	34.39 -4.49 -0.14	34.53 -5.25 0.00	34.65 -5.46 0.33	33.71 -5.02 1.43	34.13 -5.37 0.00	33.24 -4.92 0.00	33.29 -4.67 0.00	33.68 -4.81 0.00	35.79 -4.84 0.00	40.55 -5.01 0.00	47.15 -4.83 0.00	50.42 -4.62 0.00	49.83 -4.99 0.00	46.61 -6.24 0.00	46.07 -5.46 0.00	42.98 -5.10 0.00	40.62 -4.31 0.00	41.45 -3.70 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	48.21 -5.36 0.00	43.79 -4.81 -0.05	40.27 -4.18 0.00	32.99 -3.85 -0.21	36.64 -3.76 0.00	38.51 -3.35 0.00	34.82 -4.07 -0.14	35.73 -4.06 0.00	36.08 -4.04 0.32	34.83 -3.89 1.43	34.92 -4.58 0.00	34.08 -4.08 0.00	34.31 -3.64 0.00	34.95 -3.54 0.00	37.42 -3.21 0.00	42.83 -2.73 0.00	49.95 -2.03 0.00	53.56 -1.48 0.00	52.95 -1.86 0.00	49.67 -3.17 0.00	49.07 -2.47 0.00	45.57 -2.50 0.00	42.82 -2.11 0.00	43.39 -1.76 0.00
ARTHUR KILL_GT_1 23520	58.07 4.50 0.00	53.27 4.22 -0.49	48.55 4.09 -0.01	43.57 3.37 -3.57	44.12 3.71 -0.01	45.50 3.64 0.00	43.95 2.98 -2.21	42.57 2.78 0.00	43.15 2.71 0.01	42.64 2.49 0.01	41.83 2.33 0.01	40.41 2.25 0.01	40.11 2.16 0.01	40.75 2.27 0.01	42.77 2.15 0.01	47.74 2.19 0.01	53.59 1.61 0.01	57.29 2.26 0.01	56.84 2.03 0.01	54.48 1.64 0.01	53.18 1.65 0.01	49.85 1.78 0.01	47.22 2.29 0.00	47.36 2.21 0.00
ARTHUR_KILL_2 23512	57.90 4.34 0.00	53.12 4.08 -0.49	48.42 3.96 -0.01	43.46 3.26 -3.57	44.00 3.59 -0.01	45.38 3.52 0.00	43.83 2.87 -2.21	42.45 2.67 0.00	43.03 2.59 0.01	42.52 2.37 0.01	41.75 2.25 0.01	40.33 2.17 0.01	40.00 2.05 0.01	40.67 2.19 0.01	42.69 2.07 0.01	47.61 2.05 0.01	53.43 1.45 0.01	57.13 2.09 0.01	56.68 1.86 0.01	54.31 1.48 0.01	52.97 1.44 0.01	49.70 1.64 0.01	47.09 2.16 0.00	47.23 2.08 0.00
ARTHUR_KILL_3 23513	57.43 3.86 0.00	52.64 3.59 -0.49	47.74 3.29 0.00	42.97 2.78 -3.56	43.43 3.03 0.00	44.87 3.02 0.00	43.75 2.79 -2.21	42.77 2.99 0.00	43.60 3.16 0.00	43.09 2.93 0.00	42.27 2.76 0.00	40.84 2.67 0.00	40.61 2.66 0.00	41.22 2.73 0.00	43.35 2.72 0.00	48.34 2.78 0.00	54.16 2.18 0.00	57.85 2.81 0.00	57.45 2.63 0.00	55.06 2.22 0.00	53.70 2.16 0.00	50.38 2.31 0.00	47.26 2.33 0.00	47.14 1.98 0.00

ARTHUR_KILL_COGEN 323718	58.07 4.50 0.00	53.27 4.22 -0.49	48.55 4.09 -0.01	43.57 3.37 -3.57	44.12 3.71 -0.01	45.50 3.64 0.00	43.95 2.98 -2.21	42.57 2.78 0.00	43.15 2.71 0.01	42.64 2.49 0.01	41.83 2.33 0.01	40.41 2.25 0.01	40.11 2.16 0.01	40.75 2.27 0.01	42.77 2.15 0.01	47.74 2.19 0.01	53.59 1.61 0.01	57.29 2.26 0.01	56.84 2.03 0.01	54.48 1.64 0.01	53.18 1.65 0.01	49.85 1.78 0.01	47.22 2.29 0.00	47.36 2.21 0.00
ASHOKAN____ 23654	57.80 4.23 0.00	52.96 3.83 -0.57	48.10 3.65 0.00	42.82 2.05 -4.15	43.79 3.39 0.00	45.29 3.43 0.00	43.22 1.90 -2.57	42.49 2.71 0.00	43.52 3.07 0.00	42.69 2.53 0.00	41.64 2.13 0.00	40.03 1.87 0.00	39.85 1.90 0.00	40.41 1.92 0.00	42.90 2.27 0.00	48.02 2.46 0.00	54.94 2.96 0.00	58.57 3.53 0.00	58.22 3.40 0.00	55.54 2.69 0.00	54.27 2.73 0.00	50.43 2.36 0.00	47.31 2.38 0.00	47.50 2.35 0.00
ASTORIA_EAST_ENERGY_CC1 323581	57.97 4.39 -0.01	53.23 4.18 -0.50	48.20 3.73 -0.01	43.35 3.15 -3.57	43.88 3.47 -0.01	45.47 3.60 -0.01	44.22 3.26 -2.21	43.09 3.30 0.00	43.76 3.32 0.00	43.25 3.09 0.00	42.39 2.88 0.00	40.95 2.78 0.00	40.50 2.54 0.00	41.34 2.85 0.00	43.06 2.44 0.00	47.88 2.32 0.01	53.64 1.66 0.01	57.24 2.20 0.01	56.84 2.03 0.01	54.48 1.64 0.01	53.13 1.60 0.01	49.80 1.73 0.01	47.09 2.16 0.00	47.32 2.17 0.00
ASTORIA_EAST_ENERGY_CC2 323582	57.97 4.39 -0.01	53.23 4.18 -0.50	48.20 3.73 -0.01	43.38 3.19 -3.57	43.88 3.47 -0.01	45.47 3.60 -0.01	44.25 3.29 -2.21	43.09 3.30 0.00	43.76 3.32 0.00	43.29 3.13 0.00	42.39 2.88 0.00	40.95 2.78 0.00	40.54 2.58 0.00	41.34 2.85 0.00	43.11 2.48 0.00	47.88 2.32 0.01	53.64 1.66 0.01	57.24 2.20 0.01	56.84 2.03 0.01	54.48 1.64 0.01	53.13 1.60 0.01	49.80 1.73 0.01	47.09 2.16 0.00	47.32 2.17 0.00
ASTORIA_GT2_1 24094	58.07 4.50 -0.01	53.18 4.13 -0.50	48.33 3.87 -0.01	43.46 3.26 -3.57	43.92 3.51 -0.01	45.47 3.60 -0.01	44.22 3.26 -2.21	43.21 3.42 0.00	43.84 3.40 0.00	43.33 3.17 0.00	42.39 2.88 0.00	40.95 2.79 0.00	40.54 2.58 0.00	41.34 2.85 0.00	43.10 2.48 0.00	47.84 2.28 0.00	53.69 1.72 0.01	57.19 2.15 0.00	56.40 1.59 0.01	54.21 1.37 0.01	53.14 1.60 0.00	50.00 1.92 0.00	47.18 2.25 0.00	47.45 2.30 0.00
ASTORIA_GT2_2 24095	58.07 4.50 -0.01	53.18 4.13 -0.50	48.33 3.87 -0.01	43.46 3.26 -3.57	43.92 3.51 -0.01	45.47 3.60 -0.01	44.22 3.26 -2.21	43.21 3.42 0.00	43.84 3.40 0.00	43.33 3.17 0.00	42.39 2.88 0.00	40.95 2.79 0.00	40.54 2.58 0.00	41.34 2.85 0.00	43.10 2.48 0.00	47.84 2.28 0.00	53.69 1.72 0.01	57.19 2.15 0.00	56.40 1.59 0.01	54.21 1.37 0.01	53.14 1.60 0.00	50.00 1.92 0.00	47.18 2.25 0.00	47.45 2.30 0.00
ASTORIA_GT2_3 24096	58.07 4.50 -0.01	53.18 4.13 -0.50	48.33 3.87 -0.01	43.46 3.26 -3.57	43.92 3.51 -0.01	45.47 3.60 -0.01	44.22 3.26 -2.21	43.21 3.42 0.00	43.84 3.40 0.00	43.33 3.17 0.00	42.39 2.88 0.00	40.95 2.79 0.00	40.54 2.58 0.00	41.34 2.85 0.00	43.10 2.48 0.00	47.84 2.28 0.00	53.69 1.72 0.01	57.19 2.15 0.00	56.40 1.59 0.01	54.21 1.37 0.01	53.14 1.60 0.00	50.00 1.92 0.00	47.18 2.25 0.00	47.45 2.30 0.00
ASTORIA_GT2_4 24097	58.07 4.50 -0.01	53.18 4.13 -0.50	48.33 3.87 -0.01	43.46 3.26 -3.57	43.92 3.51 -0.01	45.47 3.60 -0.01	44.22 3.26 -2.21	43.21 3.42 0.00	43.84 3.40 0.00	43.33 3.17 0.00	42.39 2.88 0.00	40.95 2.79 0.00	40.54 2.58 0.00	41.34 2.85 0.00	43.10 2.48 0.00	47.84 2.28 0.00	53.69 1.72 0.01	57.19 2.15 0.00	56.40 1.59 0.01	54.21 1.37 0.01	53.14 1.60 0.00	50.00 1.92 0.00	47.18 2.25 0.00	47.45 2.30 0.00
ASTORIA_GT3_1 24098	58.07 4.50 -0.01	53.18 4.13 -0.50	48.33 3.87 -0.01	43.46 3.26 -3.57	43.92 3.51 -0.01	45.47 3.60 -0.01	44.22 3.26 -2.21	43.21 3.42 0.00	43.84 3.40 0.00	43.33 3.17 0.00	42.39 2.88 0.00	40.95 2.79 0.00	40.54 2.58 0.00	41.34 2.85 0.00	43.10 2.48 0.00	47.84 2.28 0.00	53.69 1.72 0.01	57.19 2.15 0.00	56.40 1.59 0.01	54.21 1.37 0.01	53.14 1.60 0.00	50.00 1.92 0.00	47.18 2.25 0.00	47.45 2.30 0.00
ASTORIA_GT3_2 24099	58.07 4.50 -0.01	53.18 4.13 -0.50	48.33 3.87 -0.01	43.46 3.26 -3.57	43.92 3.51 -0.01	45.47 3.60 -0.01	44.22 3.26 -2.21	43.21 3.42 0.00	43.84 3.40 0.00	43.33 3.17 0.00	42.39 2.88 0.00	40.95 2.79 0.00	40.54 2.58 0.00	41.34 2.85 0.00	43.10 2.48 0.00	47.84 2.28 0.00	53.69 1.72 0.01	57.19 2.15 0.00	56.40 1.59 0.01	54.21 1.37 0.01	53.14 1.60 0.00	50.00 1.92 0.00	47.18 2.25 0.00	47.45 2.30 0.00
ASTORIA_GT3_3 24100	58.07 4.50 -0.01	53.18 4.13 -0.50	48.33 3.87 -0.01	43.46 3.26 -3.57	43.92 3.51 -0.01	45.47 3.60 -0.01	44.22 3.26 -2.21	43.21 3.42 0.00	43.84 3.40 0.00	43.33 3.17 0.00	42.39 2.88 0.00	40.95 2.79 0.00	40.54 2.58 0.00	41.34 2.85 0.00	43.10 2.48 0.00	47.84 2.28 0.00	53.69 1.72 0.01	57.19 2.15 0.00	56.40 1.59 0.01	54.21 1.37 0.01	53.14 1.60 0.00	50.00 1.92 0.00	47.18 2.25 0.00	47.45 2.30 0.00
ASTORIA_GT3_4 24101	58.07 4.50 -0.01	53.18 4.13 -0.50	48.33 3.87 -0.01	43.46 3.26 -3.57	43.92 3.51 -0.01	45.47 3.60 -0.01	44.22 3.26 -2.21	43.21 3.42 0.00	43.84 3.40 0.00	43.33 3.17 0.00	42.39 2.88 0.00	40.95 2.79 0.00	40.54 2.58 0.00	41.34 2.85 0.00	43.10 2.48 0.00	47.84 2.28 0.00	53.69 1.72 0.01	57.19 2.15 0.00	56.40 1.59 0.01	54.21 1.37 0.01	53.14 1.60 0.00	50.00 1.92 0.00	47.18 2.25 0.00	47.45 2.30 0.00
ASTORIA_GT4_1 24102	58.07 4.50 -0.01	53.18 4.13 -0.50	48.33 3.87 -0.01	43.46 3.26 -3.57	43.92 3.51 -0.01	45.47 3.60 -0.01	44.22 3.26 -2.21	43.21 3.42 0.00	43.84 3.40 0.00	43.33 3.17 0.00	42.39 2.88 0.00	40.95 2.79 0.00	40.54 2.58 0.00	41.34 2.85 0.00	43.10 2.48 0.00	47.84 2.28 0.00	53.69 1.72 0.01	57.19 2.15 0.00	56.40 1.59 0.01	54.21 1.37 0.01	53.14 1.60 0.00	50.00 1.92 0.00	47.18 2.25 0.00	47.45 2.30 0.00
ASTORIA_GT4_2 24103	58.07 4.50 -0.01	53.18 4.13 -0.50	48.33 3.87 -0.01	43.46 3.26 -3.57	43.92 3.51 -0.01	45.47 3.60 -0.01	44.22 3.26 -2.21	43.21 3.42 0.00	43.84 3.40 0.00	43.33 3.17 0.00	42.39 2.88 0.00	40.95 2.79 0.00	40.54 2.58 0.00	41.34 2.85 0.00	43.10 2.48 0.00	47.84 2.28 0.00	53.69 1.72 0.01	57.19 2.15 0.00	56.40 1.59 0.01	54.21 1.37 0.01	53.14 1.60 0.00	50.00 1.92 0.00	47.18 2.25 0.00	47.45 2.30 0.00
ASTORIA_GT4_3 24104	58.07 4.50 -0.01	53.18 4.13 -0.50	48.33 3.87 -0.01	43.46 3.26 -3.57	43.92 3.51 -0.01	45.47 3.60 -0.01	44.22 3.26 -2.21	43.21 3.42 0.00	43.84 3.40 0.00	43.33 3.17 0.00	42.39 2.88 0.00	40.95 2.79 0.00	40.54 2.58 0.00	41.34 2.85 0.00	43.10 2.48 0.00	47.84 2.28 0.00	53.69 1.72 0.01	57.19 2.15 0.00	56.40 1.59 0.01	54.21 1.37 0.01	53.14 1.60 0.00	50.00 1.92 0.00	47.18 2.25 0.00	47.45 2.30 0.00

ASTORIA_GT4_4 24105	58.07 4.50 -0.01	53.18 4.13 -0.50	48.33 3.87 -0.01	43.46 3.26 -3.57	43.92 3.51 -0.01	45.47 3.60 -0.01	44.22 3.26 -2.21	43.21 3.42 0.00	43.84 3.40 0.00	43.33 3.17 0.00	42.39 2.88 0.00	40.95 2.79 0.00	40.54 2.58 0.00	41.34 2.85 0.00	43.10 2.48 0.00	47.84 2.28 0.00	53.69 1.72 0.01	57.19 2.15 0.00	56.40 1.59 0.01	54.21 1.37 0.01	53.14 1.60 0.00	50.00 1.92 0.00	47.18 2.25 0.00	47.45 2.30 0.00
ASTORIA_GT_1 23523	58.07 4.50 -0.01	53.33 4.27 -0.50	48.29 3.82 -0.01	43.42 3.22 -3.57	43.96 3.56 -0.01	45.55 3.68 -0.01	44.30 3.33 -2.21	43.16 3.38 0.00	43.84 3.40 0.00	43.33 3.17 0.00	42.47 2.96 0.00	41.03 2.86 0.00	40.57 2.62 0.00	41.41 2.92 0.00	43.19 2.56 0.00	47.97 2.41 0.01	53.74 1.77 0.01	57.40 2.37 0.01	57.01 2.20 0.01	54.63 1.80 0.01	53.23 1.70 0.01	49.94 1.87 0.01	47.17 2.25 0.00	47.41 2.26 0.00
ASTORIA_GT_10 24110	58.01 4.45 0.00	53.03 3.98 -0.50	48.24 3.78 -0.01	43.39 3.19 -3.57	43.84 3.43 -0.01	45.29 3.43 0.00	44.02 3.06 -2.21	43.01 3.22 0.00	43.72 3.28 0.00	43.17 3.01 0.00	42.35 2.84 0.00	40.91 2.75 0.00	40.58 2.62 0.00	41.26 2.77 0.00	43.23 2.60 0.00	48.16 2.60 0.00	54.05 2.08 0.01	57.52 2.48 0.00	56.78 1.97 0.01	54.58 1.74 0.01	53.50 1.96 0.00	50.33 2.26 0.00	47.35 2.43 0.00	47.45 2.30 0.00
ASTORIA_GT_11 24225	58.01 4.45 0.00	53.03 3.98 -0.50	48.24 3.78 -0.01	43.39 3.19 -3.57	43.84 3.43 -0.01	45.29 3.43 0.00	44.02 3.06 -2.21	43.01 3.22 0.00	43.72 3.28 0.00	43.17 3.01 0.00	42.35 2.84 0.00	40.91 2.75 0.00	40.58 2.62 0.00	41.26 2.77 0.00	43.23 2.60 0.00	48.16 2.60 0.00	54.05 2.08 0.01	57.52 2.48 0.00	56.78 1.97 0.01	54.58 1.74 0.01	53.50 1.96 0.00	50.33 2.26 0.00	47.35 2.43 0.00	47.45 2.30 0.00
ASTORIA_GT_12 24226	58.01 4.45 0.00	53.03 3.98 -0.50	48.24 3.78 -0.01	43.39 3.19 -3.57	43.84 3.43 -0.01	45.29 3.43 0.00	44.02 3.06 -2.21	43.01 3.22 0.00	43.72 3.28 0.00	43.17 3.01 0.00	42.35 2.84 0.00	40.91 2.75 0.00	40.58 2.62 0.00	41.26 2.77 0.00	43.23 2.60 0.00	48.16 2.60 0.00	54.05 2.08 0.01	57.52 2.48 0.00	56.78 1.97 0.01	54.58 1.74 0.01	53.50 1.96 0.00	50.33 2.26 0.00	47.35 2.43 0.00	47.45 2.30 0.00
ASTORIA_GT_13 24227	58.01 4.45 0.00	53.03 3.98 -0.50	48.24 3.78 -0.01	43.39 3.19 -3.57	43.84 3.43 -0.01	45.29 3.43 0.00	44.02 3.06 -2.21	43.01 3.22 0.00	43.72 3.28 0.00	43.17 3.01 0.00	42.35 2.84 0.00	40.91 2.75 0.00	40.58 2.62 0.00	41.26 2.77 0.00	43.23 2.60 0.00	48.16 2.60 0.00	54.05 2.08 0.01	57.52 2.48 0.00	56.78 1.97 0.01	54.58 1.74 0.01	53.50 1.96 0.00	50.33 2.26 0.00	47.35 2.43 0.00	47.45 2.30 0.00
ASTORIA_GT_5 24106	58.18 4.61 -0.01	53.23 4.18 -0.50	48.42 3.96 -0.01	43.53 3.33 -3.57	43.96 3.55 -0.01	45.55 3.68 -0.01	44.30 3.33 -2.21	43.29 3.50 0.00	43.92 3.48 0.00	43.37 3.21 0.00	42.47 2.96 0.00	41.03 2.86 0.00	40.61 2.66 0.00	41.41 2.93 0.00	43.15 2.52 0.00	47.93 2.37 0.00	53.79 1.82 0.01	57.30 2.26 0.00	56.51 1.70 0.01	54.32 1.48 0.01	53.24 1.70 0.00	50.09 2.02 0.00	47.27 2.34 0.00	47.54 2.39 0.00
ASTORIA_GT_7 24107	58.18 4.61 -0.01	53.23 4.18 -0.50	48.42 3.96 -0.01	43.53 3.33 -3.57	43.96 3.55 -0.01	45.55 3.68 -0.01	44.30 3.33 -2.21	43.29 3.50 0.00	43.92 3.48 0.00	43.37 3.21 0.00	42.47 2.96 0.00	41.03 2.86 0.00	40.61 2.66 0.00	41.41 2.93 0.00	43.15 2.52 0.00	47.93 2.37 0.00	53.79 1.82 0.01	57.30 2.26 0.00	56.51 1.70 0.01	54.32 1.48 0.01	53.24 1.70 0.00	50.09 2.02 0.00	47.27 2.34 0.00	47.54 2.39 0.00
ASTORIA_GT_8 24108	58.18 4.61 -0.01	53.23 4.18 -0.50	48.42 3.96 -0.01	43.53 3.33 -3.57	43.96 3.55 -0.01	45.55 3.68 -0.01	44.30 3.33 -2.21	43.29 3.50 0.00	43.92 3.48 0.00	43.37 3.21 0.00	42.47 2.96 0.00	41.03 2.86 0.00	40.61 2.66 0.00	41.41 2.93 0.00	43.15 2.52 0.00	47.93 2.37 0.00	53.79 1.82 0.01	57.30 2.26 0.00	56.51 1.70 0.01	54.32 1.48 0.01	53.24 1.70 0.00	50.09 2.02 0.00	47.27 2.34 0.00	47.54 2.39 0.00
ASTORIA___2 24149	58.02 4.44 -0.01	53.23 4.18 -0.50	48.20 3.73 -0.01	43.38 3.19 -3.57	43.88 3.47 -0.01	45.47 3.60 -0.01	44.25 3.29 -2.21	43.09 3.30 0.00	43.76 3.32 0.00	43.29 3.13 0.00	42.39 2.88 0.00	40.95 2.78 0.00	40.54 2.58 0.00	41.34 2.85 0.00	43.11 2.48 0.00	47.88 2.32 0.01	53.64 1.66 0.01	57.29 2.26 0.01	56.89 2.08 0.01	54.53 1.69 0.01	53.18 1.65 0.01	49.85 1.78 0.01	47.13 2.20 0.00	47.32 2.17 0.00
ASTORIA___3 23516	57.90 4.34 0.00	53.07 4.03 -0.49	48.15 3.69 -0.01	43.31 3.11 -3.57	43.80 3.39 -0.01	45.25 3.39 0.00	44.02 3.06 -2.21	42.89 3.11 0.00	43.64 3.19 0.00	43.13 2.97 0.00	42.31 2.81 0.00	40.88 2.71 0.00	40.57 2.62 0.00	41.26 2.77 0.00	43.23 2.60 0.00	48.16 2.60 0.00	54.00 2.03 0.01	57.63 2.59 0.00	57.28 2.47 0.01	54.90 2.06 0.01	53.55 2.01 0.00	50.19 2.11 0.00	47.31 2.38 0.00	47.32 2.17 0.00
ASTORIA___4 23517	57.96 4.39 0.00	52.98 3.93 -0.49	48.20 3.73 -0.01	43.39 3.19 -3.57	43.80 3.39 -0.01	45.25 3.39 0.00	44.02 3.06 -2.21	43.01 3.22 0.00	43.68 3.24 0.00	43.17 3.01 0.00	42.31 2.80 0.00	40.88 2.71 0.00	40.58 2.62 0.00	41.26 2.77 0.00	43.23 2.60 0.00	48.16 2.60 0.00	54.05 2.08 0.01	57.52 2.48 0.00	56.78 1.97 0.01	54.58 1.74 0.01	53.50 1.96 0.00	50.33 2.26 0.00	47.35 2.43 0.00	47.45 2.30 0.00
ASTORIA___5 23518	57.90 4.34 0.00	53.07 4.03 -0.49	48.15 3.69 -0.01	43.31 3.11 -3.57	43.80 3.39 -0.01	45.25 3.39 0.00	44.02 3.06 -2.21	42.89 3.11 0.00	43.64 3.19 0.00	43.13 2.97 0.00	42.31 2.81 0.00	40.88 2.71 0.00	40.57 2.62 0.00	41.26 2.77 0.00	43.23 2.60 0.00	48.16 2.60 0.00	54.00 2.03 0.01	57.63 2.59 0.00	57.28 2.47 0.01	54.90 2.06 0.01	53.55 2.01 0.00	50.19 2.11 0.00	47.31 2.38 0.00	47.32 2.17 0.00
AST_ENERGY_2_CC3 323677	57.43 3.86 0.00	52.64 3.59 -0.49	47.83 3.38 0.00	43.05 2.86 -3.56	43.51 3.11 0.00	44.96 3.10 0.00	43.79 2.83 -2.21	42.73 2.94 0.00	43.56 3.11 0.00	43.05 2.89 0.00	42.23 2.72 0.00	40.84 2.67 0.00	40.61 2.66 0.00	41.18 2.69 0.00	43.27 2.64 0.00	47.48 2.73 0.82	46.86 2.23 7.36	51.07 2.86 6.83	50.83 2.69 6.67	48.44 2.27 6.67	47.48 2.21 6.27	47.48 2.31 2.90	47.26 2.33 0.01	44.86 2.03 2.32
AST_ENERGY_2_CC4 323678	57.43 3.86 0.00	52.64 3.59 -0.49	47.83 3.38 0.00	43.05 2.86 -3.56	43.51 3.11 0.00	44.96 3.10 0.00	43.79 2.83 -2.21	42.73 2.94 0.00	43.56 3.11 0.00	43.05 2.89 0.00	42.23 2.72 0.00	40.84 2.67 0.00	40.61 2.66 0.00	41.18 2.69 0.00	43.27 2.64 0.00	47.48 2.73 0.82	46.86 2.23 7.36	51.07 2.86 6.83	50.83 2.69 6.67	48.44 2.27 6.67	47.48 2.21 6.27	47.48 2.31 2.90	47.26 2.33 0.01	44.86 2.03 2.32

ATHENS_STG_1 23668	55.82 2.25 0.00	51.21 2.09 -0.57	46.36 1.91 0.00	42.35 1.57 -4.14	42.17 1.78 0.00	43.66 1.80 0.00	42.95 1.63 -2.57	41.46 1.67 0.00	42.22 1.78 0.00	41.80 1.65 0.00	41.05 1.54 0.00	39.65 1.49 0.00	39.48 1.52 0.00	39.99 1.50 0.00	42.17 1.54 0.00	47.16 1.59 0.00	53.49 1.51 0.00	56.97 1.93 0.00	56.62 1.81 0.00	54.32 1.48 0.00	52.98 1.44 0.00	49.47 1.40 0.00	46.28 1.35 0.00	46.41 1.26 0.00
ATHENS_STG_2 23670	55.82 2.25 0.00	51.21 2.09 -0.57	46.36 1.91 0.00	42.35 1.57 -4.14	42.17 1.78 0.00	43.66 1.80 0.00	42.95 1.63 -2.57	41.46 1.67 0.00	42.22 1.78 0.00	41.80 1.65 0.00	41.05 1.54 0.00	39.65 1.49 0.00	39.48 1.52 0.00	39.99 1.50 0.00	42.17 1.54 0.00	47.16 1.59 0.00	53.49 1.51 0.00	56.97 1.93 0.00	56.62 1.81 0.00	54.32 1.48 0.00	52.98 1.44 0.00	49.47 1.40 0.00	46.28 1.35 0.00	46.41 1.26 0.00
ATHENS_STG_3 23677	55.82 2.25 0.00	51.21 2.09 -0.57	46.36 1.91 0.00	42.35 1.57 -4.14	42.17 1.78 0.00	43.66 1.80 0.00	42.95 1.63 -2.57	41.46 1.67 0.00	42.22 1.78 0.00	41.80 1.65 0.00	41.05 1.54 0.00	39.65 1.49 0.00	39.48 1.52 0.00	39.99 1.50 0.00	42.17 1.54 0.00	47.16 1.59 0.00	53.49 1.51 0.00	56.97 1.93 0.00	56.62 1.81 0.00	54.32 1.48 0.00	52.98 1.44 0.00	49.47 1.40 0.00	46.28 1.35 0.00	46.41 1.26 0.00
AUBURN___LFGE 323710	52.60 -0.96 0.00	47.71 -0.92 -0.08	43.74 -0.71 0.00	36.57 -0.66 -0.60	39.79 -0.61 0.00	41.36 -0.50 0.00	38.62 -0.50 -0.37	39.39 -0.40 0.00	40.04 -0.40 0.00	39.72 -0.44 0.00	39.03 -0.47 0.00	37.71 -0.46 0.00	37.46 -0.49 0.00	37.99 -0.50 0.00	40.26 -0.37 0.00	45.38 -0.18 0.00	52.09 0.10 0.00	55.48 0.44 0.00	54.87 0.05 0.00	52.74 -0.11 0.00	51.28 -0.26 0.00	47.64 -0.43 0.00	44.39 -0.54 0.00	44.61 -0.54 0.00
BABYLON_RES_REC 323704	58.60 5.03 0.00	53.75 4.71 -0.49	48.59 4.13 0.00	43.78 3.59 -3.56	44.31 3.92 0.00	45.88 4.02 0.00	44.62 3.64 -2.22	48.54 3.74 -5.02	49.92 3.88 -5.59	50.20 3.65 -6.39	48.35 3.44 -5.40	44.68 3.32 -3.20	41.31 3.34 -0.01	44.24 3.39 -2.37	45.02 3.49 -0.90	49.96 3.74 -0.66	63.64 3.79 -7.87	73.43 4.41 -13.98	69.96 4.28 -10.86	60.06 3.75 -3.46	56.74 3.66 -1.54	55.38 3.51 -3.80	47.95 3.01 -0.01	47.72 2.57 0.00
BABYLON__69_KV_BK2 356345	58.98 5.41 0.00	53.85 4.81 -0.49	48.90 4.45 0.00	44.18 3.99 -3.56	44.64 4.24 0.00	46.13 4.27 0.00	45.04 4.07 -2.22	49.06 4.26 -5.02	50.40 4.37 -5.59	50.64 4.10 -6.39	48.78 3.87 -5.40	45.10 3.74 -3.20	41.73 3.76 -0.01	44.63 3.77 -2.37	45.46 3.94 -0.90	50.41 4.19 -0.66	64.27 4.42 -7.87	74.03 5.01 -13.98	70.12 4.44 -10.86	60.48 4.17 -3.46	57.31 4.23 -1.54	55.91 4.04 -3.80	48.85 3.91 -0.01	48.22 3.07 0.00
BALL_HILL_WT_PWR 323825	48.69 -4.87 0.00	44.23 -4.37 -0.05	40.72 -3.73 0.00	33.35 -3.48 -0.20	37.04 -3.35 0.00	38.81 -3.05 0.00	35.09 -3.80 -0.13	35.89 -3.90 0.00	36.08 -3.92 0.44	34.47 -3.73 1.95	35.40 -4.11 0.00	34.46 -3.70 0.00	34.62 -3.34 0.00	35.06 -3.43 0.00	37.37 -3.25 0.00	42.51 -3.05 0.00	49.54 -2.44 0.00	53.06 -1.98 0.00	52.46 -2.36 0.00	49.20 -3.65 0.00	48.60 -2.94 0.00	45.24 -2.84 0.00	42.59 -2.34 0.00	43.26 -1.89 0.00
BARON_WINDS___WT_PWR 323822	49.87 -3.70 0.00	45.29 -3.30 -0.04	41.70 -2.76 0.00	33.97 -2.71 -0.05	37.89 -2.50 0.00	39.52 -2.34 0.00	36.05 -2.75 -0.05	37.24 -2.55 0.00	35.66 -2.59 2.19	27.88 -2.53 9.75	36.70 -2.80 0.00	35.65 -2.52 0.00	35.68 -2.28 0.00	36.22 -2.27 0.00	38.60 -2.03 0.00	43.88 -1.68 0.00	50.89 -1.09 0.00	54.49 -0.55 0.00	54.00 -0.82 0.00	51.10 -1.74 0.00	50.15 -1.39 0.00	46.68 -1.40 0.00	43.76 -1.17 0.00	44.16 -0.99 0.00
BARRETT_IC_1 23704	58.07 4.50 0.00	53.27 4.22 -0.49	48.19 3.73 0.00	43.45 3.26 -3.56	43.99 3.59 0.00	45.46 3.60 0.00	44.27 3.29 -2.22	48.14 3.34 -5.02	49.51 3.48 -5.59	49.79 3.25 -6.39	47.95 3.04 -5.40	44.34 2.98 -3.20	40.97 3.00 -0.01	43.90 3.04 -2.37	44.57 3.05 -0.89	49.41 3.19 -0.66	62.70 2.86 -7.86	72.49 3.47 -13.98	68.97 3.29 -10.86	59.15 2.85 -3.46	55.91 2.83 -1.54	54.66 2.79 -3.80	47.50 2.56 -0.01	47.32 2.17 0.00
BARRETT_IC_10 23701	58.07 4.50 0.00	53.27 4.22 -0.49	48.19 3.73 0.00	43.45 3.26 -3.56	43.99 3.59 0.00	45.46 3.60 0.00	44.27 3.29 -2.22	48.14 3.34 -5.02	49.51 3.48 -5.59	49.79 3.25 -6.39	47.95 3.04 -5.40	44.34 2.98 -3.20	40.97 3.00 -0.01	43.90 3.04 -2.37	44.57 3.05 -0.89	49.41 3.19 -0.66	62.70 2.86 -7.86	72.49 3.47 -13.98	68.97 3.29 -10.86	59.15 2.85 -3.46	55.91 2.83 -1.54	54.66 2.79 -3.80	47.50 2.56 -0.01	47.32 2.17 0.00
BARRETT_IC_11 23702	58.07 4.50 0.00	53.27 4.22 -0.49	48.19 3.73 0.00	43.45 3.26 -3.56	43.99 3.59 0.00	45.46 3.60 0.00	44.27 3.29 -2.22	48.14 3.34 -5.02	49.51 3.48 -5.59	49.79 3.25 -6.39	47.95 3.04 -5.40	44.34 2.98 -3.20	40.97 3.00 -0.01	43.90 3.04 -2.37	44.57 3.05 -0.89	49.41 3.19 -0.66	62.70 2.86 -7.86	72.49 3.47 -13.98	68.97 3.29 -10.86	59.15 2.85 -3.46	55.91 2.83 -1.54	54.66 2.79 -3.80	47.50 2.56 -0.01	47.32 2.17 0.00
BARRETT_IC_12 23703	58.07 4.50 0.00	53.27 4.22 -0.49	48.19 3.73 0.00	43.45 3.26 -3.56	43.99 3.59 0.00	45.46 3.60 0.00	44.27 3.29 -2.22	48.14 3.34 -5.02	49.51 3.48 -5.59	49.79 3.25 -6.39	47.95 3.04 -5.40	44.34 2.98 -3.20	40.97 3.00 -0.01	43.90 3.04 -2.37	44.57 3.05 -0.89	49.41 3.19 -0.66	62.70 2.86 -7.86	72.49 3.47 -13.98	68.97 3.29 -10.86	59.15 2.85 -3.46	55.91 2.83 -1.54	54.66 2.79 -3.80	47.50 2.56 -0.01	47.32 2.17 0.00
BARRETT_IC_2 23705	58.07 4.50 0.00	53.27 4.22 -0.49	48.19 3.73 0.00	43.45 3.26 -3.56	43.99 3.59 0.00	45.46 3.60 0.00	44.27 3.29 -2.22	48.14 3.34 -5.02	49.51 3.48 -5.59	49.79 3.25 -6.39	47.95 3.04 -5.40	44.34 2.98 -3.20	40.97 3.00 -0.01	43.90 3.04 -2.37	44.57 3.05 -0.89	49.41 3.19 -0.66	62.70 2.86 -7.86	72.49 3.47 -13.98	68.97 3.29 -10.86	59.15 2.85 -3.46	55.91 2.83 -1.54	54.66 2.79 -3.80	47.50 2.56 -0.01	47.32 2.17 0.00
BARRETT_IC_3 23706	58.07 4.50 0.00	53.27 4.22 -0.49	48.19 3.73 0.00	43.45 3.26 -3.56	43.99 3.59 0.00	45.46 3.60 0.00	44.27 3.29 -2.22	48.14 3.34 -5.02	49.51 3.48 -5.59	49.79 3.25 -6.39	47.95 3.04 -5.40	44.34 2.98 -3.20	40.97 3.00 -0.01	43.90 3.04 -2.37	44.57 3.05 -0.89	49.41 3.19 -0.66	62.70 2.86 -7.86	72.49 3.47 -13.98	68.97 3.29 -10.86	59.15 2.85 -3.46	55.91 2.83 -1.54	54.66 2.79 -3.80	47.50 2.56 -0.01	47.32 2.17 0.00
BARRETT_IC_4 23707	58.07 4.50 0.00	53.27 4.22 -0.49	48.19 3.73 0.00	43.45 3.26 -3.56	43.99 3.59 0.00	45.46 3.60 0.00	44.27 3.29 -2.22	48.14 3.34 -5.02	49.51 3.48 -5.59	49.79 3.25 -6.39	47.95 3.04 -5.40	44.34 2.98 -3.20	40.97 3.00 -0.01	43.90 3.04 -2.37	44.57 3.05 -0.89	49.41 3.19 -0.66	62.70 2.86 -7.86	72.49 3.47 -13.98	68.97 3.29 -10.86	59.15 2.85 -3.46	55.91 2.83 -1.54	54.66 2.79 -3.80	47.50 2.56 -0.01	47.32 2.17 0.00

BARRETT_IC_5 23708	58.07 4.50 0.00	53.27 4.22 -0.49	48.19 3.73 0.00	43.45 3.26 -3.56	43.99 3.59 0.00	45.46 3.60 0.00	44.27 3.29 -2.22	48.14 3.34 -5.02	49.51 3.48 -5.59	49.79 3.25 -6.39	47.95 3.04 -5.40	44.34 2.98 -3.20	40.97 3.00 -0.01	43.90 3.04 -2.37	44.57 3.05 -0.89	49.41 3.19 -0.66	62.70 2.86 -7.86	72.49 3.47 -13.98	68.97 3.29 -10.86	59.15 2.85 -3.46	55.91 2.83 -1.54	54.66 2.79 -3.80	47.50 2.56 -0.01	47.32 2.17 0.00
BARRETT_IC_6 23709	58.07 4.50 0.00	53.27 4.22 -0.49	48.19 3.73 0.00	43.45 3.26 -3.56	43.99 3.59 0.00	45.46 3.60 0.00	44.27 3.29 -2.22	48.14 3.34 -5.02	49.51 3.48 -5.59	49.79 3.25 -6.39	47.95 3.04 -5.40	44.34 2.98 -3.20	40.97 3.00 -0.01	43.90 3.04 -2.37	44.57 3.05 -0.89	49.41 3.19 -0.66	62.70 2.86 -7.86	72.49 3.47 -13.98	68.97 3.29 -10.86	59.15 2.85 -3.46	55.91 2.83 -1.54	54.66 2.79 -3.80	47.50 2.56 -0.01	47.32 2.17 0.00
BARRETT_IC_7 23710	57.91 4.34 0.00	52.98 3.93 -0.49	48.14 3.69 0.00	43.49 3.30 -3.56	43.91 3.51 0.00	45.38 3.52 0.00	44.27 3.29 -2.22	48.22 3.42 -5.02	49.59 3.56 -5.59	49.84 3.29 -6.39	47.95 3.04 -5.40	44.34 2.98 -3.20	40.97 3.00 -0.01	43.90 3.04 -2.37	44.53 3.01 -0.89	49.36 3.14 -0.66	62.70 2.86 -7.86	72.33 3.30 -13.98	68.48 2.80 -10.86	58.89 2.59 -3.46	55.81 2.73 -1.54	54.66 2.79 -3.80	47.86 2.92 -0.01	47.41 2.26 0.00
BARRETT_IC_8 23711	58.07 4.50 0.00	53.27 4.22 -0.49	48.19 3.73 0.00	43.45 3.26 -3.56	43.99 3.59 0.00	45.46 3.60 0.00	44.27 3.29 -2.22	48.14 3.34 -5.02	49.51 3.48 -5.59	49.79 3.25 -6.39	47.95 3.04 -5.40	44.34 2.98 -3.20	40.97 3.00 -0.01	43.90 3.04 -2.37	44.57 3.05 -0.89	49.41 3.19 -0.66	62.70 2.86 -7.86	72.49 3.47 -13.98	68.97 3.29 -10.86	59.15 2.85 -3.46	55.91 2.83 -1.54	54.66 2.79 -3.80	47.50 2.56 -0.01	47.32 2.17 0.00
BARRETT_IC_9 23700	58.07 4.50 0.00	53.27 4.22 -0.49	48.19 3.73 0.00	43.45 3.26 -3.56	43.99 3.59 0.00	45.46 3.60 0.00	44.27 3.29 -2.22	48.14 3.34 -5.02	49.51 3.48 -5.59	49.79 3.25 -6.39	47.95 3.04 -5.40	44.34 2.98 -3.20	40.97 3.00 -0.01	43.90 3.04 -2.37	44.57 3.05 -0.89	49.41 3.19 -0.66	62.70 2.86 -7.86	72.49 3.47 -13.98	68.97 3.29 -10.86	59.15 2.85 -3.46	55.91 2.83 -1.54	54.66 2.79 -3.80	47.50 2.56 -0.01	47.32 2.17 0.00
BARRETT___1 23545	58.07 4.50 0.00	53.27 4.22 -0.49	48.19 3.73 0.00	43.45 3.26 -3.56	43.99 3.59 0.00	45.46 3.60 0.00	44.27 3.29 -2.22	48.14 3.34 -5.02	49.51 3.48 -5.59	49.79 3.25 -6.39	47.95 3.04 -5.40	44.34 2.98 -3.20	40.97 3.00 -0.01	43.90 3.04 -2.37	44.57 3.05 -0.89	49.41 3.19 -0.66	62.70 2.86 -7.86	72.49 3.47 -13.98	68.97 3.29 -10.86	59.15 2.85 -3.46	55.91 2.83 -1.54	54.66 2.79 -3.80	47.50 2.56 -0.01	47.32 2.17 0.00
BARRETT___2 23546	58.07 4.50 0.00	53.27 4.22 -0.49	48.19 3.73 0.00	43.45 3.26 -3.56	43.99 3.59 0.00	45.46 3.60 0.00	44.27 3.29 -2.22	48.14 3.34 -5.02	49.51 3.48 -5.59	49.79 3.25 -6.39	47.95 3.04 -5.40	44.34 2.98 -3.20	40.97 3.00 -0.01	43.90 3.04 -2.37	44.57 3.05 -0.89	49.41 3.19 -0.66	62.70 2.86 -7.86	72.49 3.47 -13.98	68.97 3.29 -10.86	59.15 2.85 -3.46	55.91 2.83 -1.54	54.66 2.79 -3.80	47.50 2.56 -0.01	47.32 2.17 0.00
BATAVIA__115KV_TB1 55881	49.39 -4.18 0.00	44.76 -3.84 -0.04	41.21 -3.25 0.00	34.13 -2.71 -0.21	37.57 -2.83 0.00	39.18 -2.68 0.00	36.02 -2.87 -0.14	36.32 -3.46 0.00	36.65 -3.56 0.24	35.83 -3.29 1.04	35.95 -3.56 0.00	34.92 -3.24 0.00	34.88 -3.07 0.00	35.37 -3.12 0.00	37.70 -2.93 0.00	43.01 -2.55 0.00	49.95 -2.03 0.00	53.50 -1.54 0.00	52.63 -2.19 0.00	50.57 -2.27 0.00	49.12 -2.42 0.00	45.53 -2.55 0.00	42.68 -2.25 0.00	43.39 -1.76 0.00
BAYONEEC___CTG1 323682	57.59 4.02 0.00	52.78 3.74 -0.49	47.88 3.42 0.00	43.08 2.89 -3.56	43.55 3.15 0.00	45.04 3.18 0.00	43.87 2.91 -2.21	42.85 3.06 0.00	43.64 3.19 0.00	43.13 2.97 0.00	42.35 2.85 0.00	40.91 2.75 0.00	40.69 2.73 0.00	41.26 2.77 0.00	43.39 2.76 0.00	48.43 2.87 0.00	54.37 2.39 0.00	58.01 2.97 0.00	57.61 2.79 0.00	55.22 2.38 0.00	53.86 2.32 0.00	50.53 2.45 0.00	47.40 2.47 0.00	47.32 2.17 0.00
BAYONEEC___CTG10 323750	57.59 4.02 0.00	52.78 3.74 -0.49	47.88 3.42 0.00	43.08 2.89 -3.56	43.55 3.15 0.00	45.04 3.18 0.00	43.87 2.91 -2.21	42.85 3.06 0.00	43.64 3.19 0.00	43.13 2.97 0.00	42.35 2.85 0.00	40.91 2.75 0.00	40.69 2.73 0.00	41.26 2.77 0.00	43.39 2.76 0.00	48.43 2.87 0.00	54.37 2.39 0.00	58.01 2.97 0.00	57.61 2.79 0.00	55.22 2.38 0.00	53.86 2.32 0.00	50.53 2.45 0.00	47.40 2.47 0.00	47.32 2.17 0.00
BAYONEEC___CTG2 323683	57.59 4.02 0.00	52.78 3.74 -0.49	47.88 3.42 0.00	43.08 2.89 -3.56	43.55 3.15 0.00	45.04 3.18 0.00	43.87 2.91 -2.21	42.85 3.06 0.00	43.64 3.19 0.00	43.13 2.97 0.00	42.35 2.85 0.00	40.91 2.75 0.00	40.69 2.73 0.00	41.26 2.77 0.00	43.39 2.76 0.00	48.43 2.87 0.00	54.37 2.39 0.00	58.01 2.97 0.00	57.61 2.79 0.00	55.22 2.38 0.00	53.86 2.32 0.00	50.53 2.45 0.00	47.40 2.47 0.00	47.32 2.17 0.00
BAYONEEC___CTG3 323684	57.59 4.02 0.00	52.78 3.74 -0.49	47.88 3.42 0.00	43.08 2.89 -3.56	43.55 3.15 0.00	45.04 3.18 0.00	43.87 2.91 -2.21	42.85 3.06 0.00	43.64 3.19 0.00	43.13 2.97 0.00	42.35 2.85 0.00	40.91 2.75 0.00	40.69 2.73 0.00	41.26 2.77 0.00	43.39 2.76 0.00	48.43 2.87 0.00	54.37 2.39 0.00	58.01 2.97 0.00	57.61 2.79 0.00	55.22 2.38 0.00	53.86 2.32 0.00	50.53 2.45 0.00	47.40 2.47 0.00	47.32 2.17 0.00
BAYONEEC___CTG4 323685	57.59 4.02 0.00	52.78 3.74 -0.49	47.88 3.42 0.00	43.08 2.89 -3.56	43.55 3.15 0.00	45.04 3.18 0.00	43.87 2.91 -2.21	42.85 3.06 0.00	43.64 3.19 0.00	43.13 2.97 0.00	42.35 2.85 0.00	40.91 2.75 0.00	40.69 2.73 0.00	41.26 2.77 0.00	43.39 2.76 0.00	48.43 2.87 0.00	54.37 2.39 0.00	58.01 2.97 0.00	57.61 2.79 0.00	55.22 2.38 0.00	53.86 2.32 0.00	50.53 2.45 0.00	47.40 2.47 0.00	47.32 2.17 0.00
BAYONEEC___CTG5 323686	57.59 4.02 0.00	52.78 3.74 -0.49	47.88 3.42 0.00	43.08 2.89 -3.56	43.55 3.15 0.00	45.04 3.18 0.00	43.87 2.91 -2.21	42.85 3.06 0.00	43.64 3.19 0.00	43.13 2.97 0.00	42.35 2.85 0.00	40.91 2.75 0.00	40.69 2.73 0.00	41.26 2.77 0.00	43.39 2.76 0.00	48.43 2.87 0.00	54.37 2.39 0.00	58.01 2.97 0.00	57.61 2.79 0.00	55.22 2.38 0.00	53.86 2.32 0.00	50.53 2.45 0.00	47.40 2.47 0.00	47.32 2.17 0.00
BAYONEEC___CTG6 323687	57.59 4.02 0.00	52.78 3.74 -0.49	47.88 3.42 0.00	43.08 2.89 -3.56	43.55 3.15 0.00	45.04 3.18 0.00	43.87 2.91 -2.21	42.85 3.06 0.00	43.64 3.19 0.00	43.13 2.97 0.00	42.35 2.85 0.00	40.91 2.75 0.00	40.69 2.73 0.00	41.26 2.77 0.00	43.39 2.76 0.00	48.43 2.87 0.00	54.37 2.39 0.00	58.01 2.97 0.00	57.61 2.79 0.00	55.22 2.38 0.00	53.86 2.32 0.00	50.53 2.45 0.00	47.40 2.47 0.00	47.32 2.17 0.00

BAYONEEC___CTG7 323688	57.59 4.02 0.00	52.78 3.74 -0.49	47.88 3.42 0.00	43.08 2.89 -3.56	43.55 3.15 0.00	45.04 3.18 0.00	43.87 2.91 -2.21	42.85 3.06 0.00	43.64 3.19 0.00	43.13 2.97 0.00	42.35 2.85 0.00	40.91 2.75 0.00	40.69 2.73 0.00	41.26 2.77 0.00	43.39 2.76 0.00	48.43 2.87 0.00	54.37 2.39 0.00	58.01 2.97 0.00	57.61 2.79 0.00	55.22 2.38 0.00	53.86 2.32 0.00	50.53 2.45 0.00	47.40 2.47 0.00	47.32 2.17 0.00
BAYONEEC___CTG8 323689	57.59 4.02 0.00	52.78 3.74 -0.49	47.88 3.42 0.00	43.08 2.89 -3.56	43.55 3.15 0.00	45.04 3.18 0.00	43.87 2.91 -2.21	42.85 3.06 0.00	43.64 3.19 0.00	43.13 2.97 0.00	42.35 2.85 0.00	40.91 2.75 0.00	40.69 2.73 0.00	41.26 2.77 0.00	43.39 2.76 0.00	48.43 2.87 0.00	54.37 2.39 0.00	58.01 2.97 0.00	57.61 2.79 0.00	55.22 2.38 0.00	53.86 2.32 0.00	50.53 2.45 0.00	47.40 2.47 0.00	47.32 2.17 0.00
BAYONEEC___CTG9 323749	57.59 4.02 0.00	52.78 3.74 -0.49	47.88 3.42 0.00	43.08 2.89 -3.56	43.55 3.15 0.00	45.04 3.18 0.00	43.87 2.91 -2.21	42.85 3.06 0.00	43.64 3.19 0.00	43.13 2.97 0.00	42.35 2.85 0.00	40.91 2.75 0.00	40.69 2.73 0.00	41.26 2.77 0.00	43.39 2.76 0.00	48.43 2.87 0.00	54.37 2.39 0.00	58.01 2.97 0.00	57.61 2.79 0.00	55.22 2.38 0.00	53.86 2.32 0.00	50.53 2.45 0.00	47.40 2.47 0.00	47.32 2.17 0.00
BEACON___LESR 323632	56.30 2.73 0.00	51.67 2.47 -0.64	46.72 2.27 0.00	43.16 1.87 -4.66	42.54 2.14 0.00	44.03 2.18 0.00	43.73 2.09 -2.89	41.77 1.99 0.00	42.67 2.22 0.00	42.28 2.13 0.00	41.48 1.97 0.00	40.07 1.91 0.00	39.82 1.86 0.00	40.30 1.81 0.00	42.58 1.95 0.00	47.25 1.69 0.00	53.75 1.77 0.00	57.30 2.26 0.00	56.90 2.08 0.00	54.64 1.80 0.00	53.29 1.75 0.00	49.61 1.54 0.00	46.32 1.39 0.00	46.87 1.72 0.00
BEAVER RIVER___HYD 24048	52.98 -0.59 0.00	48.04 -0.53 -0.02	43.79 -0.67 0.00	36.18 -0.59 -0.14	39.79 -0.60 0.00	41.19 -0.67 0.00	38.18 -0.66 -0.09	39.35 -0.44 0.00	42.40 -0.44 -2.40	42.28 -0.32 -2.44	42.19 -0.16 -2.84	39.00 -0.31 -1.14	37.61 -0.34 0.00	38.22 -0.27 0.00	40.26 -0.37 0.00	45.25 -0.32 0.00	52.45 0.47 0.00	55.81 0.77 0.00	55.48 0.66 0.00	53.64 0.79 0.00	52.11 0.57 0.00	48.46 0.38 0.00	45.15 0.23 0.00	45.38 0.23 0.00
BEEBEE_GT_13 23619	50.14 -3.43 0.00	45.53 -3.06 -0.04	41.74 -2.71 0.00	34.76 -2.09 -0.22	38.01 -2.38 0.00	39.51 -2.34 0.00	36.72 -2.17 -0.14	37.04 -2.75 0.00	37.48 -2.91 0.05	37.04 -2.89 0.23	36.70 -2.80 0.00	35.61 -2.56 0.00	35.45 -2.51 0.00	35.95 -2.54 0.00	38.19 -2.44 0.00	43.28 -2.28 0.00	49.95 -2.03 0.00	53.28 -1.76 0.00	52.63 -2.19 0.00	50.57 -2.27 0.00	49.17 -2.37 0.00	45.67 -2.40 0.00	42.73 -2.20 0.00	43.25 -1.90 0.00
BENSHRST_27_KV_BENSHRST_1 355998	58.39 4.82 0.00	53.27 4.22 -0.49	48.60 4.13 -0.01	43.68 3.48 -3.57	44.16 3.76 -0.01	45.58 3.73 0.00	44.14 3.18 -2.21	43.05 3.26 0.00	43.72 3.28 0.00	43.17 3.01 0.00	42.35 2.84 0.00	40.91 2.75 0.00	40.61 2.66 0.00	41.26 2.77 0.00	43.31 2.68 0.00	48.30 2.73 0.00	54.26 2.29 0.01	57.85 2.81 0.00	57.06 2.25 0.01	54.84 2.01 0.01	53.75 2.22 0.00	50.57 2.50 0.00	47.76 2.83 0.00	47.90 2.75 0.00
BETHLEHEM___GRP 23843	55.49 1.93 0.00	50.99 1.80 -0.65	46.14 1.69 0.00	42.65 1.36 -4.67	41.93 1.54 0.00	43.41 1.55 0.00	43.16 1.51 -2.89	41.18 1.39 0.00	41.98 1.54 0.00	41.64 1.49 0.00	40.89 1.38 0.00	39.50 1.34 0.00	39.25 1.29 0.00	39.76 1.27 0.00	41.97 1.34 0.00	46.52 0.96 0.00	52.87 0.88 0.00	56.14 1.10 0.00	55.59 0.77 0.00	53.53 0.69 0.00	52.26 0.72 0.00	48.80 0.72 0.00	45.60 0.67 0.00	46.19 1.04 0.00
BETHLEHEM___GS1 323560	55.49 1.93 0.00	50.94 1.75 -0.65	46.10 1.65 0.00	42.65 1.36 -4.67	41.93 1.53 0.00	43.41 1.55 0.00	43.16 1.51 -2.89	41.18 1.39 0.00	41.98 1.54 0.00	41.60 1.44 0.00	40.89 1.38 0.00	39.50 1.34 0.00	39.25 1.29 0.00	39.76 1.27 0.00	41.97 1.34 0.00	46.52 0.96 0.00	52.86 0.88 0.00	56.25 1.21 0.00	55.91 1.10 0.00	53.69 0.84 0.00	52.36 0.82 0.00	48.80 0.72 0.00	45.65 0.72 0.00	46.23 1.08 0.00
BETHLEHEM___GS2 323561	55.49 1.93 0.00	50.94 1.75 -0.65	46.10 1.65 0.00	42.65 1.36 -4.67	41.93 1.53 0.00	43.41 1.55 0.00	43.16 1.51 -2.89	41.18 1.39 0.00	41.98 1.54 0.00	41.60 1.44 0.00	40.89 1.38 0.00	39.50 1.34 0.00	39.25 1.29 0.00	39.76 1.27 0.00	41.97 1.34 0.00	46.52 0.96 0.00	52.86 0.88 0.00	56.25 1.21 0.00	55.91 1.10 0.00	53.69 0.84 0.00	52.36 0.82 0.00	48.80 0.72 0.00	45.65 0.72 0.00	46.23 1.08 0.00
BETHLEHEM___GS3 323562	55.49 1.93 0.00	50.94 1.75 -0.65	46.10 1.65 0.00	42.65 1.36 -4.67	41.93 1.53 0.00	43.41 1.55 0.00	43.16 1.51 -2.89	41.18 1.39 0.00	41.98 1.54 0.00	41.60 1.44 0.00	40.89 1.38 0.00	39.50 1.34 0.00	39.25 1.29 0.00	39.76 1.27 0.00	41.97 1.34 0.00	46.52 0.96 0.00	52.86 0.88 0.00	56.25 1.21 0.00	55.91 1.10 0.00	53.69 0.84 0.00	52.36 0.82 0.00	48.80 0.72 0.00	45.65 0.72 0.00	46.23 1.08 0.00
BETHLEHEM___STEEL 23779	48.69 -4.87 0.00	43.84 -4.76 -0.05	40.76 -3.69 0.00	33.35 -3.48 -0.20	37.13 -3.27 0.00	38.80 -3.06 0.00	35.09 -3.80 -0.13	35.65 -4.14 0.00	36.02 -4.00 0.42	34.54 -3.77 1.85	35.44 -4.07 0.00	34.50 -3.66 0.00	34.62 -3.34 0.00	35.06 -3.43 0.00	37.34 -3.29 0.00	42.60 -2.96 0.00	49.43 -2.55 0.00	52.95 -2.09 0.00	52.13 -2.69 0.00	50.20 -2.64 0.00	48.76 -2.78 0.00	45.24 -2.84 0.00	42.55 -2.38 0.00	43.39 -1.76 0.00
BETHLHEM_115KV_TB1 79974	55.49 1.93 0.00	50.99 1.80 -0.64	46.10 1.64 0.00	42.61 1.32 -4.66	41.89 1.49 0.00	43.41 1.55 0.00	43.12 1.47 -2.89	41.18 1.39 0.00	41.98 1.54 0.00	41.60 1.45 0.00	40.85 1.34 0.00	39.46 1.30 0.00	39.25 1.29 0.00	39.76 1.27 0.00	41.97 1.34 0.00	46.56 1.00 0.00	52.92 0.94 0.00	56.20 1.16 0.00	55.70 0.88 0.00	53.64 0.79 0.00	52.36 0.82 0.00	48.84 0.77 0.00	45.65 0.72 0.00	46.19 1.04 0.00
BETHPAGE_CC_5 323564	58.22 4.66 0.00	53.42 4.37 -0.49	48.32 3.87 0.00	43.60 3.41 -3.56	44.15 3.76 0.00	45.67 3.81 0.00	44.39 3.41 -2.22	48.30 3.50 -5.02	49.68 3.64 -5.59	49.95 3.41 -6.39	48.11 3.20 -5.40	44.49 3.13 -3.20	41.19 3.22 -0.01	44.13 3.27 -2.37	44.81 3.29 -0.90	49.64 3.42 -0.66	63.12 3.28 -7.87	72.93 3.91 -13.98	69.41 3.73 -10.86	59.58 3.28 -3.46	56.28 3.20 -1.54	55.00 3.12 -3.80	47.64 2.70 -0.01	47.41 2.26 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	48.85 -4.71 0.00	43.89 -4.71 -0.05	40.90 -3.56 0.00	33.35 -3.48 -0.20	37.25 -3.15 0.00	38.97 -2.89 0.00	35.05 -3.84 -0.13	35.85 -3.94 0.00	36.33 -3.72 0.39	34.88 -3.53 1.74	35.60 -3.91 0.00	34.65 -3.51 0.00	34.77 -3.19 0.00	35.22 -3.27 0.00	37.58 -3.05 0.00	42.87 -2.69 0.00	49.75 -2.24 0.00	53.28 -1.76 0.00	52.46 -2.36 0.00	50.47 -2.38 0.00	49.06 -2.47 0.00	45.53 -2.55 0.00	42.82 -2.11 0.00	43.62 -1.54 0.00

BINGHAMTON___COGEN 23790	53.03 -0.54 0.00	48.09 -0.63 -0.17	44.14 -0.31 0.00	37.39 -0.44 -1.21	40.15 -0.24 0.00	41.69 -0.17 0.00	39.11 -0.39 -0.75	39.59 -0.20 0.00	40.28 -0.16 0.00	40.00 -0.16 0.00	39.15 -0.36 0.00	37.86 -0.31 0.00	37.69 -0.27 0.00	38.22 -0.27 0.00	40.46 -0.16 0.00	45.61 0.05 0.00	52.29 0.31 0.00	55.70 0.66 0.00	55.04 0.22 0.00	52.90 0.05 0.00	51.54 0.00 0.00	47.98 -0.10 0.00	44.79 -0.13 0.00	45.06 -0.09 0.00
BIXINCNT_115KV_LOAD 355685	47.94 -5.62 0.00	42.58 -6.02 -0.05	39.96 -4.49 0.00	32.22 -4.62 -0.20	36.44 -3.96 0.00	38.13 -3.73 0.00	34.00 -4.88 -0.13	35.21 -4.58 0.00	35.93 -4.25 0.27	34.98 -3.98 1.20	34.92 -4.58 0.00	34.04 -4.12 0.00	34.27 -3.68 0.00	34.83 -3.66 0.00	37.42 -3.21 0.00	42.69 -2.87 0.00	49.95 -2.03 0.00	53.78 -1.27 0.00	52.90 -1.92 0.00	50.99 -1.85 0.00	49.63 -1.91 0.00	46.10 -1.97 0.00	43.45 -1.48 0.00	44.07 -1.08 0.00
BLACK RIVER___HYD 24047	53.46 -0.11 0.00	48.43 -0.15 -0.03	44.14 -0.31 0.00	36.49 -0.33 -0.19	40.12 -0.28 0.00	41.61 -0.25 0.00	38.56 -0.31 -0.12	39.82 0.04 0.00	42.16 0.04 -1.68	42.03 0.16 -1.71	41.77 0.28 -1.98	39.04 0.08 -0.80	37.99 0.04 0.00	38.60 0.12 0.00	40.71 0.08 0.00	45.84 0.28 0.00	53.08 1.09 0.00	56.69 1.65 0.00	56.19 1.37 0.00	54.11 1.27 0.00	52.52 0.98 0.00	48.80 0.72 0.00	45.38 0.45 0.00	45.47 0.32 0.00
BLACKRVR_115KV_TB2 79977	53.41 -0.16 0.00	48.39 -0.19 -0.03	44.14 -0.31 0.00	36.49 -0.33 -0.19	40.11 -0.28 0.00	41.61 -0.25 0.00	38.56 -0.31 -0.12	39.82 0.04 0.00	42.12 0.00 -1.68	42.03 0.16 -1.71	41.77 0.28 -1.98	39.04 0.08 -0.80	37.99 0.04 0.00	38.60 0.12 0.00	40.71 0.08 0.00	45.88 0.32 0.00	53.13 1.14 0.00	56.69 1.65 0.00	56.19 1.37 0.00	54.22 1.37 0.00	52.57 1.03 0.00	48.84 0.77 0.00	45.38 0.45 0.00	45.51 0.36 0.00
BLISS_WT_PWR 323608	47.51 -6.05 0.00	42.82 -5.78 -0.05	39.52 -4.94 0.00	31.85 -4.98 -0.20	36.03 -4.36 0.00	37.71 -4.14 0.00	33.65 -5.23 -0.13	35.01 -4.78 0.00	35.52 -4.65 0.27	34.62 -4.34 1.20	34.53 -4.98 0.00	33.70 -4.47 0.00	33.97 -3.98 0.00	34.53 -3.96 0.00	37.13 -3.49 0.00	42.24 -3.32 0.00	49.64 -2.34 0.00	53.50 -1.54 0.00	52.90 -1.92 0.00	49.83 -3.01 0.00	49.17 -2.37 0.00	45.86 -2.21 0.00	43.36 -1.57 0.00	43.80 -1.35 0.00
BLUESTONE___WT_PWR 323821	56.19 2.62 0.00	51.14 2.38 -0.20	46.59 2.13 0.00	39.73 1.54 -1.56	42.34 1.94 0.00	44.08 2.22 0.00	41.50 1.78 -0.96	42.13 2.35 0.00	42.83 2.39 0.00	42.53 2.37 0.00	41.72 2.21 0.00	40.19 2.02 0.00	39.93 1.97 0.00	40.49 2.00 0.00	42.82 2.19 0.00	48.25 2.69 0.00	55.62 3.64 0.00	59.56 4.51 0.00	58.87 4.06 0.00	56.28 3.43 0.00	54.68 3.14 0.00	50.81 2.74 0.00	47.31 2.38 0.00	47.45 2.30 0.00
BLUE_CIRC_CHEM_DRP 24182	55.60 2.04 0.00	51.03 1.85 -0.63	46.19 1.73 0.00	42.56 1.36 -4.58	41.97 1.58 0.00	43.49 1.63 0.00	43.10 1.51 -2.84	41.22 1.43 0.00	41.98 1.54 0.00	41.60 1.45 0.00	40.85 1.34 0.00	39.46 1.30 0.00	39.21 1.25 0.00	39.76 1.27 0.00	41.97 1.34 0.00	46.79 1.23 0.00	53.23 1.25 0.00	56.58 1.54 0.00	56.08 1.26 0.00	54.01 1.16 0.00	52.72 1.19 0.00	49.18 1.11 0.00	45.92 0.99 0.00	46.37 1.22 0.00
BOC_GAS_DRP 24189	55.28 1.71 0.00	50.75 1.55 -0.64	45.92 1.47 0.00	42.48 1.21 -4.65	41.73 1.33 0.00	43.24 1.38 0.00	42.91 1.28 -2.88	41.06 1.27 0.00	41.78 1.33 0.00	41.40 1.24 0.00	40.69 1.19 0.00	39.31 1.14 0.00	39.10 1.14 0.00	39.60 1.12 0.00	41.80 1.18 0.00	46.61 1.05 0.00	52.97 0.99 0.00	56.25 1.21 0.00	55.75 0.93 0.00	53.69 0.85 0.00	52.41 0.88 0.00	48.94 0.87 0.00	45.74 0.81 0.00	46.05 0.90 0.00
BOONVILLE_115KV_TB1 79983	54.16 0.59 0.00	49.05 0.49 -0.02	44.81 0.36 0.00	37.00 0.26 -0.12	40.76 0.36 0.00	42.28 0.42 0.00	39.17 0.35 -0.07	40.34 0.56 0.00	41.92 0.57 -0.91	41.69 0.60 -0.93	41.25 0.67 -1.07	39.13 0.53 -0.43	38.45 0.49 0.00	39.03 0.54 0.00	41.15 0.53 0.00	46.25 0.68 0.00	53.28 1.30 0.00	56.69 1.65 0.00	56.19 1.37 0.00	54.22 1.37 0.00	52.72 1.19 0.00	49.08 1.01 0.00	45.74 0.81 0.00	45.92 0.77 0.00
BORALEX_4TH_BRANCH 23824	57.42 3.86 0.00	52.64 3.45 -0.64	47.65 3.20 0.00	43.85 2.60 -4.62	43.31 2.91 0.00	44.83 2.97 0.00	44.41 2.79 -2.87	42.61 2.82 0.00	43.44 2.99 0.00	43.05 2.89 0.00	42.23 2.73 0.00	40.84 2.67 0.00	40.61 2.66 0.00	41.11 2.62 0.00	43.35 2.72 0.00	48.39 2.82 0.00	55.00 3.01 0.00	58.51 3.47 0.00	57.94 3.12 0.00	55.80 2.96 0.00	54.42 2.89 0.00	50.82 2.74 0.00	47.49 2.56 0.00	47.68 2.53 0.00
BOWLINE___1 23526	56.67 3.11 0.00	51.89 2.86 -0.48	47.08 2.62 0.00	42.32 2.23 -3.45	42.82 2.42 0.00	44.29 2.43 0.00	43.10 2.21 -2.14	42.13 2.35 0.00	42.91 2.47 0.00	42.40 2.25 0.00	41.60 2.09 0.00	40.19 2.02 0.00	40.00 2.05 0.00	40.57 2.08 0.00	42.70 2.07 0.00	47.70 2.14 0.00	53.85 1.87 0.00	57.46 2.42 0.00	57.07 2.25 0.00	54.69 1.85 0.00	53.34 1.80 0.00	49.90 1.83 0.00	46.73 1.80 0.00	46.69 1.54 0.00
BOWLINE___2 23595	56.73 3.16 0.00	51.94 2.91 -0.48	47.12 2.67 0.00	42.35 2.27 -3.45	42.86 2.46 0.00	44.37 2.51 0.00	43.18 2.29 -2.14	42.17 2.39 0.00	42.95 2.51 0.00	42.44 2.29 0.00	41.64 2.13 0.00	40.22 2.06 0.00	40.04 2.09 0.00	40.60 2.12 0.00	42.74 2.11 0.00	47.79 2.23 0.00	53.96 1.97 0.00	57.52 2.48 0.00	57.17 2.36 0.00	54.80 1.96 0.00	53.45 1.91 0.00	49.95 1.87 0.00	46.77 1.84 0.00	46.77 1.62 0.00
BRADY___115KV_TB2 356060	53.94 0.37 0.00	48.94 0.39 0.00	44.59 0.13 0.00	36.70 0.07 0.00	40.44 0.04 0.00	41.78 -0.08 0.00	38.64 -0.12 0.00	39.78 0.00 0.00	43.41 -0.12 -3.09	43.38 0.08 -3.14	43.51 0.36 -3.64	39.90 0.27 -1.46	38.22 0.27 0.00	38.84 0.35 0.00	40.79 0.16 0.00	45.93 0.36 0.00	52.61 0.62 0.00	55.43 0.39 0.00	55.91 1.10 0.00	54.06 1.22 0.00	52.62 1.08 0.00	49.08 1.01 0.00	45.96 1.03 0.00	46.28 1.13 0.00
BRANSCOMB___SOLAR 323811	57.00 3.43 0.00	52.27 3.06 -0.66	47.12 2.67 0.00	43.55 2.16 -4.76	42.86 2.46 0.00	44.37 2.51 0.00	44.19 2.48 -2.95	42.13 2.35 0.00	43.11 2.67 0.00	42.73 2.57 0.00	41.84 2.33 0.00	40.42 2.25 0.00	40.12 2.16 0.00	40.57 2.08 0.00	42.86 2.23 0.00	47.98 2.41 0.00	54.73 2.75 0.00	58.40 3.36 0.00	58.05 3.23 0.00	55.64 2.80 0.00	54.22 2.68 0.00	50.43 2.36 0.00	46.95 2.02 0.00	47.32 2.17 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	58.76 5.20 0.00	53.66 4.61 -0.49	48.77 4.31 0.00	44.04 3.85 -3.56	44.52 4.12 0.00	46.00 4.14 0.00	44.89 3.91 -2.22	48.94 4.14 -5.02	50.28 4.25 -5.59	50.52 3.98 -6.39	48.62 3.71 -5.40	44.95 3.59 -3.20	41.54 3.57 -0.01	44.47 3.62 -2.37	45.26 3.74 -0.90	50.23 4.01 -0.66	64.01 4.16 -7.87	73.59 4.57 -13.98	69.79 4.11 -10.86	60.16 3.86 -3.46	57.00 3.92 -1.54	55.62 3.75 -3.80	48.63 3.68 -0.01	48.00 2.84 0.00



BRISTLHL_115KV_TB1 79998	51.80 -1.77 0.00	46.94 -1.65 -0.04	43.03 -1.42 0.00	35.76 -1.17 -0.30	39.14 -1.25 0.00	40.60 -1.26 0.00	37.82 -1.12 -0.19	38.63 -1.15 0.00	39.27 -1.17 0.00	38.99 -1.16 0.00	38.32 -1.19 0.00	37.02 -1.14 0.00	36.82 -1.14 0.00	37.30 -1.19 0.00	39.49 -1.14 0.00	44.38 -1.18 0.00	50.84 -1.14 0.00	54.05 -0.99 0.00	53.50 -1.32 0.00	51.47 -1.37 0.00	50.15 -1.39 0.00	46.63 -1.44 0.00	43.49 -1.44 0.00	43.71 -1.44 0.00
BROOKHAVEN___DRP 24191	58.71 5.14 0.00	53.66 4.61 -0.49	48.72 4.27 0.00	44.00 3.81 -3.56	44.48 4.08 0.00	45.92 4.06 0.00	44.89 3.91 -2.22	48.94 4.14 -5.02	50.28 4.25 -5.59	50.48 3.94 -6.39	48.58 3.67 -5.40	44.91 3.55 -3.20	41.50 3.53 -0.01	44.44 3.58 -2.37	45.22 3.70 -0.89	50.09 3.87 -0.66	63.85 4.00 -7.87	73.65 4.62 -13.98	69.74 4.06 -10.86	60.05 3.75 -3.46	56.89 3.81 -1.54	55.57 3.70 -3.80	48.54 3.59 -0.01	47.95 2.80 0.00
BROOKLYN_NAVY_YARD 23515	57.64 4.07 0.00	52.84 3.79 -0.49	47.96 3.51 0.00	43.12 2.93 -3.56	43.59 3.19 0.00	45.04 3.18 0.00	43.91 2.94 -2.21	42.89 3.11 0.00	43.72 3.27 0.00	43.21 3.05 0.00	42.39 2.88 0.00	40.95 2.78 0.00	40.73 2.77 0.00	41.34 2.85 0.00	43.47 2.84 0.00	48.48 2.92 0.00	54.48 2.50 0.00	58.18 3.14 0.00	57.78 2.96 0.00	55.33 2.48 0.00	54.01 2.47 0.00	50.62 2.55 0.00	47.44 2.51 0.00	47.36 2.21 0.00
BROOKLYN___ARMY_DRP 323595	58.17 4.61 0.00	53.08 4.03 -0.49	48.42 3.96 -0.01	43.53 3.33 -3.57	44.04 3.64 -0.01	45.42 3.56 0.00	44.02 3.06 -2.21	42.93 3.14 0.00	43.56 3.11 0.00	43.01 2.85 0.00	42.19 2.69 0.00	40.76 2.60 0.00	40.46 2.51 0.00	41.11 2.62 0.00	43.15 2.52 0.00	48.11 2.55 0.00	54.05 2.08 0.01	57.57 2.53 0.00	56.78 1.97 0.01	54.63 1.80 0.01	53.50 1.96 0.00	50.33 2.26 0.00	47.53 2.61 0.00	47.72 2.57 0.00
BROOKVLE_69_KV_TB1 55790	58.23 4.66 0.00	53.17 4.13 -0.49	48.32 3.87 0.00	43.56 3.37 -3.56	44.03 3.64 0.00	45.50 3.64 0.00	44.35 3.37 -2.22	48.38 3.58 -5.02	49.71 3.68 -5.59	50.00 3.45 -6.39	48.19 3.28 -5.40	44.53 3.17 -3.20	41.16 3.19 -0.01	44.05 3.19 -2.37	44.77 3.25 -0.89	49.68 3.46 -0.66	63.12 3.27 -7.86	72.82 3.80 -13.98	68.97 3.29 -10.86	59.31 3.01 -3.46	56.22 3.14 -1.54	55.04 3.17 -3.80	48.09 3.15 -0.01	47.68 2.53 0.00
BROOME_2_LFGE 323671	53.03 -0.54 0.00	48.23 -0.49 -0.17	44.14 -0.31 0.00	37.40 -0.44 -1.21	40.12 -0.28 0.00	41.69 -0.17 0.00	39.11 -0.39 -0.75	39.63 -0.16 0.00	40.28 -0.16 0.00	39.96 -0.20 0.00	39.15 -0.36 0.00	37.86 -0.31 0.00	37.69 -0.26 0.00	38.22 -0.27 0.00	40.46 -0.16 0.00	45.56 0.00 0.00	52.24 0.26 0.00	55.71 0.66 0.00	55.20 0.39 0.00	52.74 -0.11 0.00	51.49 -0.05 0.00	47.93 -0.14 0.00	44.79 -0.13 0.00	45.02 -0.14 0.00
BROOME___LFGE 323600	53.03 -0.54 0.00	48.23 -0.49 -0.17	44.14 -0.31 0.00	37.40 -0.44 -1.21	40.12 -0.28 0.00	41.69 -0.17 0.00	39.11 -0.39 -0.75	39.63 -0.16 0.00	40.28 -0.16 0.00	39.96 -0.20 0.00	39.15 -0.36 0.00	37.86 -0.31 0.00	37.69 -0.26 0.00	38.22 -0.27 0.00	40.46 -0.16 0.00	45.56 0.00 0.00	52.24 0.26 0.00	55.71 0.66 0.00	55.20 0.39 0.00	52.74 -0.11 0.00	51.49 -0.05 0.00	47.93 -0.14 0.00	44.79 -0.13 0.00	45.02 -0.14 0.00
BROWNFLS_115KV_TB_3_5 80003	52.82 -0.75 0.00	47.89 -0.68 -0.01	43.65 -0.80 0.00	36.03 -0.70 -0.10	39.59 -0.81 0.00	40.85 -1.00 0.00	37.81 -1.01 -0.06	38.95 -0.84 0.00	43.87 -0.89 -4.32	43.87 -0.68 -4.39	44.21 -0.40 -5.10	39.72 -0.50 -2.05	37.46 -0.49 0.00	38.07 -0.42 0.00	39.94 -0.69 0.00	44.88 -0.68 0.00	51.72 -0.26 0.00	54.82 -0.22 0.00	54.87 0.05 0.00	53.11 0.26 0.00	51.59 0.05 0.00	48.08 0.00 0.00	44.97 0.04 0.00	45.29 0.14 0.00
BROWNSV1_27_KV_LOAD 356125	58.17 4.61 0.00	53.17 4.13 -0.49	48.32 3.87 0.00	43.45 3.26 -3.56	43.91 3.51 0.00	45.38 3.52 0.00	44.14 3.18 -2.21	43.25 3.46 0.00	44.00 3.56 0.00	43.49 3.33 0.00	42.63 3.12 0.00	41.18 3.02 0.00	40.96 3.00 0.00	41.53 3.04 0.00	43.71 3.09 0.00	48.80 3.23 0.00	54.89 2.91 0.00	58.40 3.36 0.00	57.61 2.80 0.00	55.43 2.59 0.00	54.27 2.73 0.00	50.96 2.88 0.00	47.76 2.83 0.00	47.72 2.57 0.00
BURROWS___LYONSDAL 23803	53.83 0.27 0.00	48.76 0.19 -0.02	44.54 0.09 0.00	36.79 0.04 -0.12	40.52 0.12 0.00	41.98 0.13 0.00	38.91 0.08 -0.08	40.06 0.28 0.00	41.93 0.28 -1.20	41.74 0.36 -1.22	41.36 0.43 -1.42	39.04 0.31 -0.57	38.22 0.27 0.00	38.80 0.31 0.00	40.91 0.28 0.00	45.97 0.41 0.00	53.07 1.09 0.00	56.53 1.49 0.00	56.08 1.26 0.00	54.16 1.32 0.00	52.62 1.08 0.00	48.99 0.91 0.00	45.60 0.67 0.00	45.83 0.68 0.00
CAITHNESS_CC_1 323624	58.87 5.30 0.00	53.90 4.85 -0.49	48.68 4.23 0.00	43.85 3.66 -3.56	44.44 4.04 0.00	46.00 4.14 0.00	44.78 3.80 -2.22	48.74 3.94 -5.02	50.08 4.04 -5.59	50.32 3.77 -6.39	48.50 3.59 -5.40	44.80 3.44 -3.20	41.39 3.42 -0.01	44.32 3.47 -2.37	45.14 3.61 -0.89	49.96 3.74 -0.66	63.69 3.85 -7.87	73.54 4.51 -13.98	70.01 4.33 -10.86	60.11 3.81 -3.46	56.79 3.71 -1.54	55.38 3.51 -3.80	47.91 2.96 -0.01	47.72 2.57 0.00
CALPINE BETH_PAGE_GT4 24209	58.07 4.50 0.00	53.08 4.03 -0.49	48.23 3.78 0.00	43.71 3.52 -3.56	44.11 3.72 0.00	45.58 3.73 0.00	44.35 3.37 -2.22	48.34 3.54 -5.02	49.71 3.68 -5.59	49.96 3.41 -6.39	48.11 3.20 -5.40	44.46 3.09 -3.20	41.27 3.30 -0.01	44.17 3.31 -2.37	44.89 3.37 -0.90	49.59 3.37 -0.66	63.17 3.33 -7.87	72.82 3.80 -13.98	68.97 3.29 -10.86	59.31 3.01 -3.46	56.22 3.14 -1.54	55.00 3.12 -3.80	48.04 3.10 -0.01	47.50 2.35 0.00
CALPINE_BETH_PAGE_GT_4 323586	58.22 4.66 0.00	53.37 4.32 -0.49	48.28 3.82 0.00	43.63 3.44 -3.56	44.19 3.80 0.00	45.71 3.85 0.00	44.35 3.37 -2.22	48.26 3.46 -5.02	49.63 3.60 -5.59	49.95 3.41 -6.39	48.11 3.20 -5.40	44.45 3.09 -3.20	41.23 3.26 -0.01	44.17 3.31 -2.37	44.89 3.37 -0.90	49.64 3.42 -0.66	63.18 3.33 -7.87	72.99 3.97 -13.98	69.46 3.78 -10.86	59.58 3.28 -3.46	56.28 3.20 -1.54	55.00 3.12 -3.80	47.68 2.74 -0.01	47.41 2.26 0.00
CALPINE_BP_GT1 23823	58.22 4.66 0.00	53.37 4.32 -0.49	48.28 3.82 0.00	43.63 3.44 -3.56	44.19 3.80 0.00	45.71 3.85 0.00	44.35 3.37 -2.22	48.26 3.46 -5.02	49.63 3.60 -5.59	49.95 3.41 -6.39	48.11 3.20 -5.40	44.45 3.09 -3.20	41.23 3.26 -0.01	44.17 3.31 -2.37	44.89 3.37 -0.90	49.64 3.42 -0.66	63.18 3.33 -7.87	72.99 3.97 -13.98	69.46 3.78 -10.86	59.58 3.28 -3.46	56.28 3.20 -1.54	55.00 3.12 -3.80	47.68 2.74 -0.01	47.41 2.26 0.00
CALSPAN___DRP 24200	48.69 -4.87 0.00	43.84 -4.76 -0.05	40.76 -3.69 0.00	33.35 -3.48 -0.20	37.13 -3.27 0.00	38.80 -3.06 0.00	35.09 -3.80 -0.13	35.65 -4.14 0.00	36.02 -4.00 0.42	34.54 -3.77 1.85	35.44 -4.07 0.00	34.50 -3.66 0.00	34.62 -3.34 0.00	35.06 -3.43 0.00	37.34 -3.29 0.00	42.60 -2.96 0.00	49.43 -2.55 0.00	52.95 -2.09 0.00	52.13 -2.69 0.00	50.20 -2.64 0.00	48.76 -2.78 0.00	45.24 -2.84 0.00	42.55 -2.38 0.00	43.39 -1.76 0.00

CALVERTON___SOLAR 323806	59.19 5.62 0.00	54.19 5.14 -0.49	48.94 4.49 0.00	44.07 3.88 -3.56	44.64 4.24 0.00	46.25 4.39 0.00	45.01 4.03 -2.22	48.94 4.14 -5.02	50.32 4.29 -5.59	50.56 4.02 -6.39	48.70 3.79 -5.40	44.99 3.63 -3.20	41.58 3.61 -0.01	44.51 3.66 -2.37	45.34 3.82 -0.89	50.23 4.01 -0.66	64.06 4.21 -7.87	73.98 4.96 -13.98	70.45 4.77 -10.86	60.53 4.23 -3.46	57.20 4.12 -1.54	55.72 3.85 -3.80	48.18 3.24 -0.01	48.00 2.85 0.00
CANDIGU_WT_PWR 323617	49.87 -3.70 0.00	45.29 -3.30 -0.04	41.70 -2.76 0.00	33.97 -2.71 -0.05	37.89 -2.50 0.00	39.52 -2.34 0.00	36.05 -2.75 -0.05	37.24 -2.55 0.00	35.66 -2.59 2.19	27.88 -2.53 9.75	36.70 -2.80 0.00	35.65 -2.52 0.00	35.68 -2.28 0.00	36.22 -2.27 0.00	38.60 -2.03 0.00	43.88 -1.68 0.00	50.89 -1.09 0.00	54.49 -0.55 0.00	54.00 -0.82 0.00	51.10 -1.74 0.00	50.15 -1.39 0.00	46.68 -1.40 0.00	43.76 -1.17 0.00	44.16 -0.99 0.00
CARR STREET_E_SYR 24060	52.07 -1.50 0.00	47.24 -1.36 -0.05	43.39 -1.07 0.00	36.05 -0.91 -0.34	39.43 -0.97 0.00	40.94 -0.92 0.00	38.11 -0.85 -0.21	38.95 -0.84 0.00	39.55 -0.89 0.00	39.27 -0.88 0.00	38.60 -0.91 0.00	37.29 -0.88 0.00	37.09 -0.87 0.00	37.60 -0.88 0.00	39.77 -0.86 0.00	44.60 -0.96 0.00	51.05 -0.93 0.00	54.27 -0.77 0.00	53.89 -0.93 0.00	51.57 -1.27 0.00	50.36 -1.18 0.00	46.82 -1.25 0.00	43.72 -1.21 0.00	43.93 -1.22 0.00
CARTHAGE___PAPER 23857	53.14 -0.43 0.00	48.14 -0.44 -0.02	43.87 -0.58 0.00	36.29 -0.51 -0.17	39.87 -0.53 0.00	41.31 -0.55 0.00	38.32 -0.54 -0.11	39.51 -0.28 0.00	42.12 -0.28 -1.96	42.03 -0.12 -1.99	41.82 0.00 -2.31	38.94 -0.15 -0.93	37.73 -0.23 0.00	38.37 -0.12 0.00	40.42 -0.20 0.00	45.47 -0.09 0.00	52.71 0.73 0.00	56.14 1.10 0.00	55.81 0.99 0.00	53.90 1.06 0.00	52.31 0.77 0.00	48.65 0.58 0.00	45.25 0.32 0.00	45.42 0.27 0.00
CASSADAGA_WT_PWR 323784	48.75 -4.82 0.00	44.23 -4.37 -0.05	40.76 -3.69 0.00	33.18 -3.66 -0.21	37.09 -3.31 0.00	38.97 -2.89 0.00	35.05 -3.84 -0.14	36.28 -3.50 0.00	36.71 -3.44 0.30	35.58 -3.25 1.32	35.16 -4.35 0.00	34.31 -3.85 0.00	34.54 -3.42 0.00	35.14 -3.35 0.00	37.70 -2.93 0.00	43.19 -2.37 0.00	50.58 -1.40 0.00	54.27 -0.77 0.00	53.61 -1.21 0.00	50.36 -2.48 0.00	49.73 -1.81 0.00	46.15 -1.92 0.00	43.36 -1.57 0.00	43.89 -1.26 0.00
CE_DUNWOOD___DRP 24194	57.32 3.75 0.00	52.40 3.35 -0.49	47.61 3.16 0.00	42.86 2.67 -3.56	43.31 2.91 0.00	44.75 2.89 0.00	43.59 2.64 -2.21	42.61 2.82 0.00	43.40 2.95 0.00	42.89 2.73 0.00	42.03 2.53 0.00	40.61 2.44 0.00	40.42 2.47 0.00	40.99 2.50 0.00	43.15 2.52 0.00	48.16 2.60 0.00	54.37 2.39 0.00	57.85 2.81 0.00	57.12 2.30 0.00	54.96 2.11 0.00	53.75 2.22 0.00	50.38 2.31 0.00	47.13 2.20 0.00	47.14 1.99 0.00
CE_MILLWOOD___DRP 24193	57.16 3.59 0.00	52.30 3.25 -0.49	47.52 3.07 0.00	42.73 2.56 -3.54	43.18 2.79 0.00	44.66 2.80 0.00	43.51 2.56 -2.20	42.53 2.75 0.00	43.32 2.87 0.00	42.77 2.61 0.00	41.96 2.45 0.00	40.53 2.37 0.00	40.31 2.35 0.00	40.88 2.39 0.00	43.02 2.40 0.00	48.07 2.51 0.00	54.27 2.29 0.00	57.74 2.70 0.00	57.01 2.19 0.00	54.85 2.01 0.00	53.65 2.11 0.00	50.24 2.16 0.00	47.04 2.11 0.00	47.05 1.90 0.00
CE_NYC2_DRP 24202	57.96 4.39 0.00	52.98 3.93 -0.49	48.20 3.73 -0.01	43.35 3.15 -3.57	43.80 3.39 -0.01	45.25 3.39 0.00	43.99 3.02 -2.21	43.01 3.22 0.00	43.68 3.24 0.00	43.17 3.01 0.00	42.31 2.80 0.00	40.91 2.75 0.00	40.61 2.66 0.00	41.26 2.77 0.00	43.27 2.64 0.00	48.20 2.64 0.00	54.16 2.18 0.01	57.63 2.59 0.00	56.84 2.03 0.01	54.69 1.85 0.01	53.55 2.01 0.00	50.38 2.31 0.00	47.40 2.47 0.00	47.50 2.35 0.00
CE_NYC_DRP 24195	57.74 4.18 0.00	52.83 3.79 -0.49	48.01 3.56 0.00	43.19 3.00 -3.56	43.63 3.23 0.00	45.08 3.22 0.00	43.91 2.95 -2.21	42.97 3.18 0.00	43.72 3.28 0.00	43.21 3.05 0.00	42.35 2.84 0.00	40.91 2.75 0.00	40.69 2.73 0.00	41.30 2.81 0.00	43.43 2.80 0.00	48.37 2.87 0.06	53.91 2.50 0.57	57.43 2.92 0.53	56.71 2.41 0.52	54.49 2.17 0.52	53.37 2.32 0.49	50.40 2.55 0.22	47.44 2.52 0.00	47.23 2.26 0.18
CHAFFEE___LFGE 323603	48.96 -4.61 0.00	44.47 -4.13 -0.05	40.94 -3.51 0.00	33.42 -3.41 -0.20	37.25 -3.15 0.00	38.97 -2.89 0.00	35.13 -3.76 -0.13	36.04 -3.74 0.00	36.38 -3.72 0.34	35.06 -3.57 1.52	35.64 -3.87 0.00	34.65 -3.51 0.00	34.77 -3.19 0.00	35.22 -3.27 0.00	37.50 -3.13 0.00	42.60 -2.96 0.00	49.59 -2.39 0.00	53.11 -1.93 0.00	52.46 -2.36 0.00	49.20 -3.65 0.00	48.65 -2.89 0.00	45.29 -2.79 0.00	42.64 -2.29 0.00	43.34 -1.81 0.00
CHATEAUG_35_KV_LOAD 355732	53.03 -0.54 0.00	47.97 -0.58 0.00	43.56 -0.89 0.00	35.79 -0.84 0.00	39.27 -1.13 0.00	40.52 -1.34 0.00	37.55 -1.20 0.00	38.63 -1.15 0.00	-1.89 -1.38 40.96	-2.69 -1.20 41.64	-9.77 -0.95 48.33	17.81 -0.95 19.41	37.05 -0.91 0.00	37.60 -0.89 0.00	39.61 -1.02 0.00	44.79 -0.77 0.00	51.46 -0.52 0.00	54.71 -0.33 0.00	55.59 0.77 0.00	54.01 1.16 0.00	52.88 1.34 0.00	49.18 1.11 0.00	46.14 1.21 0.00	46.42 1.26 0.00
CHATEAUG_WT_PWR 323614	52.93 -0.64 0.00	47.73 -0.83 0.00	43.43 -1.02 0.00	35.67 -0.95 0.00	39.10 -1.29 0.00	40.35 -1.51 0.00	37.36 -1.39 0.00	38.47 -1.31 0.00	0.93 -1.50 38.02	0.18 -1.32 38.66	-6.51 -1.15 44.87	19.04 -1.11 18.01	36.89 -1.06 0.00	37.45 -1.04 0.00	39.41 -1.22 0.00	44.56 -1.00 0.00	51.15 -0.83 0.00	54.33 -0.72 0.00	54.82 0.00 0.00	53.74 0.90 0.00	52.57 1.03 0.00	48.94 0.87 0.00	45.92 0.99 0.00	46.23 1.08 0.00
CHAT_HIGH_FALL_HYD 323578	53.03 -0.54 0.00	47.97 -0.58 0.00	43.56 -0.89 0.00	35.79 -0.84 0.00	39.27 -1.13 0.00	40.52 -1.34 0.00	37.55 -1.20 0.00	38.63 -1.15 0.00	-1.89 -1.38 40.96	-2.69 -1.20 41.64	-9.77 -0.95 48.33	17.81 -0.95 19.41	37.05 -0.91 0.00	37.60 -0.89 0.00	39.61 -1.02 0.00	44.79 -0.77 0.00	51.46 -0.52 0.00	54.71 -0.33 0.00	55.59 0.77 0.00	54.01 1.16 0.00	52.88 1.34 0.00	49.18 1.11 0.00	46.14 1.21 0.00	46.42 1.26 0.00
CHAUTAUQUA___LFGE 323629	48.69 -4.87 0.00	44.23 -4.37 -0.05	40.72 -3.73 0.00	33.35 -3.48 -0.20	37.04 -3.35 0.00	38.93 -2.93 0.00	35.21 -3.68 -0.13	36.09 -3.70 0.00	36.35 -3.72 0.38	34.91 -3.57 1.68	35.44 -4.07 0.00	34.50 -3.66 0.00	34.73 -3.23 0.00	35.26 -3.23 0.00	37.70 -2.93 0.00	43.01 -2.55 0.00	49.95 -2.03 0.00	53.56 -1.48 0.00	52.90 -1.92 0.00	49.67 -3.17 0.00	49.07 -2.47 0.00	45.57 -2.50 0.00	42.91 -2.02 0.00	43.48 -1.67 0.00
CHERRYST_13_KV_LD 356241	57.91 4.34 0.00	52.98 3.93 -0.49	48.14 3.69 0.00	43.30 3.11 -3.56	43.75 3.35 0.00	45.21 3.35 0.00	43.99 3.02 -2.21	43.09 3.30 0.00	43.84 3.40 0.00	43.29 3.13 0.00	42.47 2.96 0.00	41.03 2.86 0.00	40.80 2.85 0.00	41.38 2.89 0.00	43.51 2.88 0.00	48.51 3.01 0.06	54.06 2.65 0.57	57.60 3.08 0.53	56.82 2.52 0.52	54.65 2.33 0.52	53.53 2.47 0.49	50.50 2.64 0.22	47.53 2.61 0.00	47.32 2.35 0.18

CHESTROR_138KV_BK263 355645	56.46 2.89 0.00	51.63 2.62 -0.46	46.90 2.44 0.00	42.02 2.09 -3.31	42.66 2.26 0.00	44.12 2.26 0.00	42.86 2.05 -2.05	41.97 2.19 0.00	42.75 2.31 0.00	42.25 2.09 0.00	41.44 1.94 0.00	40.00 1.83 0.00	39.82 1.86 0.00	40.37 1.89 0.00	42.54 1.91 0.00	47.52 1.96 0.00	53.80 1.82 0.00	57.24 2.20 0.00	56.57 1.75 0.00	54.43 1.59 0.00	53.19 1.65 0.00	49.76 1.68 0.00	46.59 1.66 0.00	46.60 1.44 0.00
CH_MIDHUDSON___DRP 24192	57.42 3.86 0.00	52.60 3.54 -0.50	47.74 3.29 0.00	43.03 2.78 -3.62	43.39 2.99 0.00	44.91 3.06 0.00	43.79 2.79 -2.24	42.65 2.86 0.00	43.52 3.07 0.00	42.93 2.77 0.00	42.07 2.57 0.00	40.65 2.48 0.00	40.42 2.47 0.00	40.99 2.50 0.00	43.23 2.60 0.00	48.30 2.73 0.00	54.68 2.70 0.00	58.18 3.14 0.00	57.45 2.63 0.00	55.22 2.38 0.00	54.01 2.47 0.00	50.53 2.45 0.00	47.27 2.34 0.00	47.27 2.12 0.00
CH_MISC_IPPS 23765	57.53 3.96 0.00	52.69 3.64 -0.49	47.83 3.38 0.00	43.04 2.86 -3.55	43.51 3.11 0.00	45.04 3.18 0.00	43.82 2.87 -2.20	42.65 2.87 0.00	43.56 3.11 0.00	43.01 2.85 0.00	42.11 2.61 0.00	40.68 2.52 0.00	40.50 2.54 0.00	41.03 2.54 0.00	43.31 2.68 0.00	48.43 2.87 0.00	54.89 2.91 0.00	58.51 3.47 0.00	58.16 3.34 0.00	55.64 2.80 0.00	54.32 2.78 0.00	50.67 2.59 0.00	47.44 2.51 0.00	47.41 2.26 0.00
CH_RES_BVR_FALLS 23983	52.50 -1.07 0.00	47.58 -0.97 0.00	43.52 -0.94 0.00	35.86 -0.77 0.00	39.47 -0.93 0.00	40.90 -0.96 0.00	37.90 -0.85 0.00	38.95 -0.84 0.00	39.52 -0.93 0.00	39.31 -0.85 0.00	38.80 -0.71 0.00	37.48 -0.69 0.00	37.27 -0.68 0.00	37.80 -0.69 0.00	39.90 -0.73 0.00	44.88 -0.68 0.00	51.36 -0.62 0.00	54.22 -0.82 0.00	54.32 -0.49 0.00	52.84 0.00 0.00	51.59 0.05 0.00	48.17 0.10 0.00	45.06 0.14 0.00	45.33 0.18 0.00
CH_RES_NIAGARA 23895	47.14 -6.43 0.00	42.82 -5.78 -0.04	39.52 -4.93 0.00	32.84 -3.99 -0.21	35.99 -4.40 0.00	37.59 -4.27 0.00	34.51 -4.38 -0.14	34.33 -5.45 0.00	34.50 -5.62 0.32	33.70 -5.02 1.44	34.13 -5.37 0.00	33.24 -4.92 0.00	33.33 -4.63 0.00	33.68 -4.81 0.00	35.83 -4.79 0.00	40.78 -4.78 0.00	47.20 -4.78 0.00	50.42 -4.62 0.00	49.67 -5.15 0.00	47.88 -4.97 0.00	46.44 -5.10 0.00	43.08 -5.00 0.00	40.66 -4.27 0.00	41.63 -3.52 0.00
CH_RES_SYRACUSE 23985	52.50 -1.07 0.00	47.64 -0.97 -0.05	43.65 -0.80 0.00	36.31 -0.70 -0.38	39.67 -0.73 0.00	41.19 -0.67 0.00	38.37 -0.62 -0.24	39.23 -0.56 0.00	39.88 -0.57 0.00	39.56 -0.60 0.00	38.87 -0.63 0.00	37.55 -0.61 0.00	37.31 -0.65 0.00	37.83 -0.65 0.00	40.06 -0.57 0.00	45.02 -0.54 0.00	51.56 -0.42 0.00	54.88 -0.16 0.00	54.44 -0.38 0.00	52.10 -0.74 0.00	50.82 -0.72 0.00	47.30 -0.77 0.00	44.12 -0.81 0.00	44.29 -0.86 0.00
CLINTON_WT_PWR 323605	52.93 -0.64 0.00	47.73 -0.83 0.00	43.43 -1.02 0.00	35.67 -0.95 0.00	39.10 -1.29 0.00	40.35 -1.51 0.00	37.36 -1.39 0.00	38.47 -1.31 0.00	0.93 -1.50 38.02	0.18 -1.32 38.66	-6.51 -1.15 44.87	19.04 -1.11 18.01	36.89 -1.06 0.00	37.45 -1.04 0.00	39.41 -1.22 0.00	44.56 -1.00 0.00	51.15 -0.83 0.00	54.33 -0.72 0.00	54.82 0.00 0.00	53.74 0.90 0.00	52.57 1.03 0.00	48.94 0.87 0.00	45.92 0.99 0.00	46.23 1.08 0.00
CLINTON___LFGE 323618	53.57 0.00 0.00	48.36 -0.19 0.00	43.97 -0.49 0.00	36.08 -0.55 0.00	39.63 -0.77 0.00	40.90 -0.96 0.00	37.90 -0.85 0.00	39.07 -0.71 0.00	0.73 -0.93 38.79	0.00 -0.72 39.44	-6.74 -0.47 45.77	19.22 -0.57 18.38	37.46 -0.49 0.00	38.03 -0.46 0.00	40.06 -0.57 0.00	45.34 -0.23 0.00	52.14 0.16 0.00	55.48 0.44 0.00	55.91 1.10 0.00	54.80 1.96 0.00	53.55 2.01 0.00	49.76 1.68 0.00	46.64 1.71 0.00	46.96 1.81 0.00
COBBLENY_34_KV_TB1 80064	48.85 -4.71 0.00	43.94 -4.66 -0.05	40.90 -3.56 0.00	33.42 -3.41 -0.20	37.25 -3.15 0.00	38.97 -2.89 0.00	35.13 -3.76 -0.13	35.85 -3.94 0.00	36.34 -3.76 0.34	35.06 -3.57 1.52	35.63 -3.87 0.00	34.65 -3.51 0.00	34.77 -3.19 0.00	35.22 -3.27 0.00	37.54 -3.09 0.00	42.83 -2.73 0.00	49.69 -2.29 0.00	53.23 -1.82 0.00	52.41 -2.41 0.00	50.41 -2.43 0.00	49.01 -2.53 0.00	45.43 -2.64 0.00	42.73 -2.20 0.00	43.53 -1.63 0.00
COFFEEN___115KV_TB3 355620	53.73 0.16 0.00	48.68 0.10 -0.03	44.36 -0.09 0.00	36.68 -0.15 -0.20	40.36 -0.04 0.00	41.90 0.04 0.00	38.80 -0.08 -0.12	40.06 0.28 0.00	42.36 0.28 -1.63	42.26 0.44 -1.66	41.98 0.55 -1.92	39.24 0.31 -0.77	38.18 0.23 0.00	38.84 0.35 0.00	40.99 0.37 0.00	46.20 0.64 0.00	53.54 1.56 0.00	57.19 2.15 0.00	56.63 1.81 0.00	54.64 1.80 0.00	52.93 1.39 0.00	49.13 1.06 0.00	45.60 0.67 0.00	45.74 0.59 0.00
COLDSPRG_115KV_BK1 355956	49.92 -3.64 0.00	44.62 -3.98 -0.05	41.83 -2.62 0.00	33.68 -3.15 -0.21	38.05 -2.34 0.00	39.98 -1.88 0.00	35.56 -3.33 -0.14	37.12 -2.67 0.00	37.99 -2.26 0.19	37.21 -2.13 0.82	36.58 -2.92 0.00	35.57 -2.60 0.00	35.76 -2.20 0.00	36.29 -2.19 0.00	38.76 -1.87 0.00	44.29 -1.28 0.00	51.51 -0.47 0.00	55.21 0.17 0.00	54.27 -0.55 0.00	52.16 -0.69 0.00	50.77 -0.77 0.00	47.02 -1.06 0.00	44.08 -0.85 0.00	44.74 -0.41 0.00
COLONIE_LFGE___ 323577	56.51 2.94 0.00	51.87 2.67 -0.65	46.85 2.40 0.00	43.28 1.94 -4.71	42.62 2.22 0.00	44.12 2.26 0.00	43.80 2.13 -2.92	41.85 2.07 0.00	42.71 2.26 0.00	42.36 2.21 0.00	41.56 2.05 0.00	40.15 1.98 0.00	39.89 1.93 0.00	40.41 1.92 0.00	42.66 2.03 0.00	47.61 2.05 0.00	54.22 2.23 0.00	57.74 2.70 0.00	57.40 2.58 0.00	55.06 2.22 0.00	53.70 2.16 0.00	50.05 1.97 0.00	46.73 1.80 0.00	47.00 1.85 0.00
COOPERNY_115KV_TB1 80082	55.60 2.04 0.00	50.77 1.85 -0.38	46.19 1.73 0.00	40.81 1.47 -2.72	42.01 1.62 0.00	43.49 1.63 0.00	41.91 1.47 -1.68	41.38 1.59 0.00	42.10 1.66 0.00	41.64 1.49 0.00	40.89 1.38 0.00	39.50 1.34 0.00	39.29 1.33 0.00	39.84 1.35 0.00	42.01 1.38 0.00	46.97 1.41 0.00	53.33 1.35 0.00	56.69 1.65 0.00	56.08 1.26 0.00	54.01 1.16 0.00	52.72 1.19 0.00	49.28 1.20 0.00	46.10 1.17 0.00	46.19 1.04 0.00
COPENHAGEN_WT_PWR 323753	53.30 -0.27 0.00	48.29 -0.29 -0.03	44.05 -0.40 0.00	36.43 -0.40 -0.20	40.03 -0.36 0.00	41.52 -0.34 0.00	38.49 -0.39 -0.13	39.71 -0.08 0.00	41.91 -0.08 -1.54	41.77 0.04 -1.57	41.49 0.16 -1.82	38.86 -0.04 -0.73	37.88 -0.08 0.00	38.49 0.00 0.00	40.63 0.00 0.00	45.74 0.18 0.00	52.86 0.88 0.00	56.42 1.38 0.00	55.91 1.10 0.00	53.85 1.00 0.00	52.31 0.77 0.00	48.60 0.53 0.00	45.20 0.27 0.00	45.33 0.18 0.00
CORNELL_____ 23752	53.78 0.21 0.00	48.92 0.10 -0.27	44.68 0.22 0.00	39.25 0.07 -2.55	40.64 0.24 0.00	42.24 0.38 0.00	40.57 0.27 -1.55	40.26 0.48 0.00	41.02 0.44 -0.13	41.16 0.40 -0.60	39.78 0.28 0.00	38.43 0.27 0.00	38.18 0.23 0.00	38.72 0.23 0.00	41.03 0.41 0.00	46.29 0.73 0.00	53.23 1.25 0.00	56.75 1.71 0.00	56.08 1.26 0.00	53.90 1.06 0.00	52.36 0.82 0.00	48.70 0.62 0.00	45.33 0.40 0.00	45.56 0.41 0.00

CORONA V_69_KV_TB1 355595	58.23 4.66 0.00	53.17 4.13 -0.49	48.37 3.91 0.00	43.63 3.44 -3.56	44.07 3.68 0.00	45.54 3.68 0.00	44.42 3.45 -2.22	48.42 3.62 -5.02	49.80 3.76 -5.59	50.04 3.49 -6.39	48.19 3.28 -5.40	44.57 3.21 -3.20	41.20 3.23 -0.01	44.09 3.23 -2.37	44.81 3.29 -0.89	49.68 3.46 -0.66	63.22 3.38 -7.86	72.93 3.91 -13.98	69.08 3.40 -10.86	59.42 3.12 -3.46	56.32 3.25 -1.54	55.09 3.22 -3.80	48.13 3.19 -0.01	47.72 2.57 0.00
CORTLAND_115KV_TB3 80093	53.46 -0.11 0.00	48.50 -0.19 -0.14	44.41 -0.04 0.00	37.66 -0.11 -1.14	40.40 0.00 0.00	41.98 0.13 0.00	39.45 0.00 -0.70	39.94 0.16 0.00	40.61 0.16 0.00	40.28 0.12 0.00	39.55 0.04 0.00	38.20 0.04 0.00	37.99 0.04 0.00	38.53 0.04 0.00	40.75 0.12 0.00	45.88 0.32 0.00	52.66 0.68 0.00	56.03 0.99 0.00	55.42 0.60 0.00	53.32 0.48 0.00	51.90 0.36 0.00	48.22 0.14 0.00	44.97 0.04 0.00	45.20 0.05 0.00
COXSACKIE___GT 23611	57.64 4.07 0.00	52.85 3.69 -0.61	48.01 3.56 0.00	43.65 2.64 -4.39	43.67 3.27 0.00	45.21 3.35 0.00	44.22 2.75 -2.72	42.61 2.83 0.00	43.68 3.24 0.00	42.97 2.81 0.00	41.92 2.41 0.00	40.34 2.17 0.00	40.12 2.16 0.00	40.68 2.19 0.00	43.23 2.60 0.00	48.25 2.69 0.00	55.47 3.48 0.00	59.12 4.07 0.00	58.71 3.89 0.00	56.07 3.22 0.00	54.73 3.20 0.00	50.72 2.64 0.00	47.44 2.51 0.00	47.95 2.80 0.00
CPV_VALLEY___CC1 323721	55.92 2.35 0.00	51.17 2.19 -0.43	46.50 2.05 0.00	41.48 1.76 -3.09	42.26 1.86 0.00	43.74 1.89 0.00	42.37 1.70 -1.92	41.62 1.83 0.00	42.35 1.90 0.00	41.92 1.76 0.00	41.13 1.62 0.00	39.73 1.57 0.00	39.55 1.59 0.00	40.07 1.58 0.00	42.21 1.58 0.00	47.20 1.64 0.00	53.44 1.45 0.00	56.91 1.87 0.00	56.57 1.75 0.00	54.27 1.43 0.00	52.93 1.39 0.00	49.42 1.34 0.00	46.28 1.35 0.00	46.28 1.13 0.00
CPV_VALLEY___CC2 323722	55.92 2.35 0.00	51.17 2.19 -0.43	46.50 2.05 0.00	41.48 1.76 -3.09	42.26 1.86 0.00	43.74 1.89 0.00	42.37 1.70 -1.92	41.62 1.83 0.00	42.35 1.90 0.00	41.92 1.76 0.00	41.13 1.62 0.00	39.73 1.57 0.00	39.55 1.59 0.00	40.07 1.58 0.00	42.21 1.58 0.00	47.20 1.64 0.00	53.44 1.45 0.00	56.91 1.87 0.00	56.57 1.75 0.00	54.27 1.43 0.00	52.93 1.39 0.00	49.42 1.34 0.00	46.28 1.35 0.00	46.28 1.13 0.00
CRESCENT___HYD 24018	56.51 2.94 0.00	51.87 2.67 -0.65	46.85 2.40 0.00	43.28 1.94 -4.71	42.62 2.22 0.00	44.12 2.26 0.00	43.80 2.13 -2.92	41.85 2.07 0.00	42.71 2.26 0.00	42.36 2.21 0.00	41.56 2.05 0.00	40.15 1.98 0.00	39.89 1.93 0.00	40.41 1.92 0.00	42.66 2.03 0.00	47.61 2.05 0.00	54.22 2.23 0.00	57.74 2.70 0.00	57.40 2.58 0.00	55.06 2.22 0.00	53.70 2.16 0.00	50.05 1.97 0.00	46.73 1.80 0.00	47.00 1.85 0.00
CRICKET___VALLEY_CC1 323756	57.05 3.48 0.00	52.28 3.20 -0.52	47.39 2.93 0.00	42.86 2.45 -3.78	43.10 2.71 0.00	44.58 2.72 0.00	43.58 2.48 -2.34	42.33 2.55 0.00	43.15 2.71 0.00	42.69 2.53 0.00	41.88 2.37 0.00	40.49 2.33 0.00	40.27 2.32 0.00	40.84 2.35 0.00	43.02 2.40 0.00	48.07 2.50 0.00	54.32 2.34 0.00	57.90 2.86 0.00	57.56 2.74 0.00	55.17 2.32 0.00	53.80 2.27 0.00	50.29 2.21 0.00	47.09 2.16 0.00	47.09 1.94 0.00
CRICKET___VALLEY_CC2 323757	57.05 3.48 0.00	52.28 3.20 -0.52	47.39 2.93 0.00	42.86 2.45 -3.78	43.10 2.71 0.00	44.58 2.72 0.00	43.58 2.48 -2.34	42.33 2.55 0.00	43.15 2.71 0.00	42.69 2.53 0.00	41.88 2.37 0.00	40.49 2.33 0.00	40.27 2.32 0.00	40.84 2.35 0.00	43.02 2.40 0.00	48.07 2.50 0.00	54.32 2.34 0.00	57.90 2.86 0.00	57.56 2.74 0.00	55.17 2.32 0.00	53.80 2.27 0.00	50.29 2.21 0.00	47.09 2.16 0.00	47.09 1.94 0.00
CRICKET___VALLEY_CC3 323758	57.05 3.48 0.00	52.28 3.20 -0.52	47.39 2.93 0.00	42.86 2.45 -3.78	43.10 2.71 0.00	44.58 2.72 0.00	43.58 2.48 -2.34	42.33 2.55 0.00	43.15 2.71 0.00	42.69 2.53 0.00	41.88 2.37 0.00	40.49 2.33 0.00	40.27 2.32 0.00	40.84 2.35 0.00	43.02 2.40 0.00	48.07 2.50 0.00	54.32 2.34 0.00	57.90 2.86 0.00	57.56 2.74 0.00	55.17 2.32 0.00	53.80 2.27 0.00	50.29 2.21 0.00	47.09 2.16 0.00	47.09 1.94 0.00
CRUCIBLE_METL_DRP 24180	52.49 -1.07 0.00	47.59 -1.02 -0.05	43.61 -0.84 0.00	36.31 -0.70 -0.38	39.67 -0.73 0.00	41.19 -0.67 0.00	38.37 -0.62 -0.24	39.19 -0.60 0.00	39.84 -0.61 0.00	39.55 -0.60 0.00	38.87 -0.63 0.00	37.55 -0.61 0.00	37.31 -0.65 0.00	37.83 -0.65 0.00	40.06 -0.57 0.00	45.06 -0.50 0.00	51.62 -0.36 0.00	54.88 -0.17 0.00	54.33 -0.49 0.00	52.26 -0.58 0.00	50.87 -0.67 0.00	47.31 -0.77 0.00	44.12 -0.81 0.00	44.34 -0.81 0.00
DAHOWA___HYDRO 323763	57.16 3.59 0.00	52.42 3.20 -0.66	47.21 2.76 0.00	43.59 2.20 -4.77	42.94 2.55 0.00	44.46 2.60 0.00	44.27 2.56 -2.96	42.25 2.47 0.00	43.23 2.79 0.00	42.89 2.73 0.00	41.96 2.45 0.00	40.53 2.37 0.00	40.20 2.24 0.00	40.64 2.15 0.00	42.94 2.31 0.00	48.11 2.55 0.00	54.89 2.91 0.00	58.62 3.58 0.00	58.22 3.40 0.00	55.85 3.01 0.00	54.37 2.83 0.00	50.53 2.45 0.00	47.04 2.11 0.00	47.41 2.26 0.00
DANC___LFGE 323619	52.76 -0.80 0.00	47.86 -0.73 -0.03	43.70 -0.76 0.00	36.21 -0.66 -0.24	39.75 -0.65 0.00	41.23 -0.63 0.00	38.24 -0.66 -0.15	39.31 -0.48 0.00	41.02 -0.48 -1.06	40.87 -0.36 -1.08	40.44 -0.32 -1.25	38.25 -0.42 -0.50	37.50 -0.45 0.00	38.10 -0.38 0.00	40.22 -0.41 0.00	45.25 -0.32 0.00	52.14 0.16 0.00	55.48 0.44 0.00	55.04 0.22 0.00	52.90 0.05 0.00	51.49 -0.05 0.00	47.88 -0.19 0.00	44.57 -0.36 0.00	44.74 -0.41 0.00
DANSKAMMER___1 23586	57.53 3.96 0.00	52.69 3.64 -0.49	47.83 3.38 0.00	43.04 2.86 -3.55	43.51 3.11 0.00	45.04 3.18 0.00	43.82 2.87 -2.20	42.65 2.87 0.00	43.56 3.11 0.00	43.01 2.85 0.00	42.11 2.61 0.00	40.68 2.52 0.00	40.50 2.54 0.00	41.03 2.54 0.00	43.31 2.68 0.00	48.43 2.87 0.00	54.89 2.91 0.00	58.51 3.47 0.00	58.16 3.34 0.00	55.64 2.80 0.00	54.32 2.78 0.00	50.67 2.59 0.00	47.44 2.51 0.00	47.41 2.26 0.00
DANSKAMMER___2 23589	57.53 3.96 0.00	52.69 3.64 -0.49	47.83 3.38 0.00	43.04 2.86 -3.55	43.51 3.11 0.00	45.04 3.18 0.00	43.82 2.87 -2.20	42.65 2.87 0.00	43.56 3.11 0.00	43.01 2.85 0.00	42.11 2.61 0.00	40.68 2.52 0.00	40.50 2.54 0.00	41.03 2.54 0.00	43.31 2.68 0.00	48.43 2.87 0.00	54.89 2.91 0.00	58.51 3.47 0.00	58.16 3.34 0.00	55.64 2.80 0.00	54.32 2.78 0.00	50.67 2.59 0.00	47.44 2.51 0.00	47.41 2.26 0.00
DANSKAMMER___3 23590	57.53 3.96 0.00	52.69 3.64 -0.49	47.83 3.38 0.00	43.04 2.86 -3.55	43.51 3.11 0.00	45.04 3.18 0.00	43.82 2.87 -2.20	42.65 2.87 0.00	43.56 3.11 0.00	43.01 2.85 0.00	42.11 2.61 0.00	40.68 2.52 0.00	40.50 2.54 0.00	41.03 2.54 0.00	43.31 2.68 0.00	48.43 2.87 0.00	54.89 2.91 0.00	58.51 3.47 0.00	58.16 3.34 0.00	55.64 2.80 0.00	54.32 2.78 0.00	50.67 2.59 0.00	47.44 2.51 0.00	47.41 2.26 0.00

DANSKAMMER___4 23591	57.53 3.96 0.00	52.69 3.64 -0.49	47.83 3.38 0.00	43.04 2.86 -3.55	43.51 3.11 0.00	45.04 3.18 0.00	43.82 2.87 -2.20	42.65 2.87 0.00	43.56 3.11 0.00	43.01 2.85 0.00	42.11 2.61 0.00	40.68 2.52 0.00	40.50 2.54 0.00	41.03 2.54 0.00	43.31 2.68 0.00	48.43 2.87 0.00	54.89 2.91 0.00	58.51 3.47 0.00	58.16 3.34 0.00	55.64 2.80 0.00	54.32 2.78 0.00	50.67 2.59 0.00	47.44 2.51 0.00	47.41 2.26 0.00
DANSKAMMER___DIESEL 23592	57.53 3.96 0.00	52.69 3.64 -0.49	47.83 3.38 0.00	43.07 2.89 -3.55	43.51 3.11 0.00	45.04 3.18 0.00	43.82 2.87 -2.20	42.73 2.94 0.00	43.60 3.15 0.00	43.01 2.85 0.00	42.11 2.61 0.00	40.68 2.52 0.00	40.50 2.54 0.00	41.03 2.54 0.00	43.31 2.68 0.00	48.39 2.82 0.00	54.84 2.86 0.00	58.40 3.36 0.00	57.61 2.80 0.00	55.38 2.54 0.00	54.17 2.63 0.00	50.62 2.55 0.00	47.35 2.43 0.00	47.36 2.21 0.00
DARBY___SOLAR 323810	57.00 3.43 0.00	52.27 3.06 -0.66	47.08 2.62 0.00	43.51 2.12 -4.76	42.82 2.42 0.00	44.33 2.47 0.00	44.15 2.44 -2.95	42.13 2.35 0.00	43.11 2.67 0.00	42.73 2.57 0.00	41.84 2.33 0.00	40.42 2.25 0.00	40.08 2.12 0.00	40.57 2.08 0.00	42.82 2.19 0.00	47.98 2.41 0.00	54.73 2.75 0.00	58.40 3.36 0.00	58.00 3.18 0.00	55.64 2.80 0.00	54.22 2.68 0.00	50.38 2.31 0.00	46.95 2.02 0.00	47.32 2.17 0.00
DASHVILLE___HYD 23610	57.91 4.34 0.00	52.80 3.74 -0.51	48.19 3.73 0.00	43.31 3.00 -3.68	43.83 3.43 0.00	45.33 3.47 0.00	43.94 2.91 -2.28	42.93 3.14 0.00	43.84 3.40 0.00	43.17 3.01 0.00	42.19 2.69 0.00	40.68 2.52 0.00	40.54 2.58 0.00	41.11 2.62 0.00	43.43 2.80 0.00	48.57 3.01 0.00	55.15 3.17 0.00	58.79 3.74 0.00	57.89 3.07 0.00	55.64 2.80 0.00	54.42 2.89 0.00	50.82 2.74 0.00	47.58 2.65 0.00	47.54 2.39 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	59.19 5.62 0.00	54.00 4.95 -0.49	49.03 4.58 0.00	44.22 4.03 -3.56	44.72 4.32 0.00	46.17 4.31 0.00	45.20 4.22 -2.22	49.22 4.42 -5.02	50.56 4.53 -5.59	50.76 4.22 -6.39	48.78 3.87 -5.40	45.14 3.78 -3.20	41.65 3.68 -0.01	44.63 3.77 -2.37	45.46 3.94 -0.89	50.41 4.19 -0.66	64.16 4.31 -7.87	74.09 5.06 -13.98	70.18 4.50 -10.86	60.42 4.12 -3.46	57.25 4.17 -1.54	55.86 3.99 -3.80	48.76 3.82 -0.01	48.45 3.30 0.00
DELAWARE___LFGE 323621	55.33 1.77 0.00	50.34 1.55 -0.23	45.92 1.47 0.00	39.48 1.17 -1.68	41.77 1.37 0.00	43.28 1.42 0.00	41.04 1.24 -1.04	41.22 1.43 0.00	41.98 1.54 0.00	41.60 1.45 0.00	40.81 1.30 0.00	39.39 1.22 0.00	39.17 1.21 0.00	39.72 1.23 0.00	41.89 1.26 0.00	47.02 1.46 0.00	53.65 1.66 0.00	57.08 2.04 0.00	56.46 1.64 0.00	54.38 1.53 0.00	52.98 1.44 0.00	49.37 1.30 0.00	46.10 1.17 0.00	46.28 1.13 0.00
DERFIELD_115KV_TB7 355931	53.89 0.32 0.00	48.84 0.29 0.00	44.72 0.27 0.00	36.85 0.22 0.00	40.64 0.24 0.00	42.11 0.25 0.00	38.99 0.23 0.00	40.02 0.24 0.00	40.69 0.24 0.00	40.40 0.24 0.00	39.70 0.20 0.00	38.36 0.19 0.00	38.15 0.19 0.00	38.68 0.19 0.00	40.83 0.20 0.00	45.74 0.18 0.00	52.19 0.21 0.00	55.37 0.33 0.00	54.98 0.16 0.00	53.00 0.16 0.00	51.69 0.15 0.00	48.22 0.14 0.00	45.06 0.13 0.00	45.29 0.14 0.00
DOGLEVILLE___HYD 23807	55.33 1.77 0.00	50.15 1.60 0.00	45.83 1.38 0.00	37.69 1.06 0.00	41.53 1.13 0.00	42.99 1.13 0.00	39.72 0.97 0.00	40.70 0.92 0.00	41.33 0.89 0.00	40.96 0.80 0.00	40.34 0.83 0.00	38.93 0.76 0.00	38.68 0.72 0.00	39.22 0.73 0.00	41.40 0.77 0.00	46.43 0.86 0.00	52.97 0.99 0.00	56.42 1.38 0.00	56.19 1.37 0.00	54.22 1.37 0.00	53.03 1.50 0.00	49.61 1.54 0.00	46.46 1.53 0.00	46.73 1.58 0.00
DUNKIRK___115KV_TB_200 55889	48.69 -4.87 0.00	43.89 -4.71 -0.05	40.76 -3.69 0.00	33.39 -3.44 -0.20	37.08 -3.31 0.00	38.97 -2.89 0.00	35.24 -3.64 -0.13	35.89 -3.90 0.00	36.30 -3.76 0.39	34.87 -3.57 1.71	35.48 -4.03 0.00	34.54 -3.63 0.00	34.73 -3.23 0.00	35.29 -3.19 0.00	37.70 -2.93 0.00	43.19 -2.37 0.00	50.01 -1.98 0.00	53.61 -1.43 0.00	52.74 -2.08 0.00	50.78 -2.06 0.00	49.37 -2.16 0.00	45.72 -2.36 0.00	42.91 -2.02 0.00	43.66 -1.49 0.00
DUNKIRK___1 23563	48.69 -4.87 0.00	43.89 -4.71 -0.05	40.76 -3.69 0.00	33.39 -3.44 -0.20	37.08 -3.31 0.00	38.97 -2.89 0.00	35.24 -3.64 -0.13	35.89 -3.90 0.00	36.30 -3.76 0.39	34.87 -3.57 1.71	35.48 -4.03 0.00	34.54 -3.63 0.00	34.73 -3.23 0.00	35.29 -3.19 0.00	37.70 -2.93 0.00	43.19 -2.37 0.00	50.01 -1.98 0.00	53.61 -1.43 0.00	52.74 -2.08 0.00	50.78 -2.06 0.00	49.37 -2.16 0.00	45.72 -2.36 0.00	42.91 -2.02 0.00	43.66 -1.49 0.00
DUNKIRK___2 23564	48.69 -4.87 0.00	43.89 -4.71 -0.05	40.76 -3.69 0.00	33.39 -3.44 -0.20	37.08 -3.31 0.00	38.97 -2.89 0.00	35.24 -3.64 -0.13	35.89 -3.90 0.00	36.30 -3.76 0.39	34.87 -3.57 1.71	35.48 -4.03 0.00	34.54 -3.63 0.00	34.73 -3.23 0.00	35.29 -3.19 0.00	37.70 -2.93 0.00	43.19 -2.37 0.00	50.01 -1.98 0.00	53.61 -1.43 0.00	52.74 -2.08 0.00	50.78 -2.06 0.00	49.37 -2.16 0.00	45.72 -2.36 0.00	42.91 -2.02 0.00	43.66 -1.49 0.00
DUNKIRK___3 23565	48.64 -4.93 0.00	43.84 -4.76 -0.05	40.76 -3.69 0.00	33.35 -3.48 -0.20	37.08 -3.31 0.00	38.85 -3.01 0.00	35.13 -3.76 -0.13	35.77 -4.02 0.00	36.13 -3.88 0.43	34.60 -3.65 1.90	35.44 -4.07 0.00	34.50 -3.66 0.00	34.65 -3.30 0.00	35.14 -3.35 0.00	37.50 -3.13 0.00	42.83 -2.73 0.00	49.80 -2.18 0.00	53.39 -1.65 0.00	52.52 -2.30 0.00	50.57 -2.27 0.00	49.17 -2.37 0.00	45.53 -2.55 0.00	42.77 -2.16 0.00	43.57 -1.58 0.00
DUNKIRK___4 23566	48.64 -4.93 0.00	43.84 -4.76 -0.05	40.76 -3.69 0.00	33.35 -3.48 -0.20	37.08 -3.31 0.00	38.85 -3.01 0.00	35.13 -3.76 -0.13	35.77 -4.02 0.00	36.13 -3.88 0.43	34.60 -3.65 1.90	35.44 -4.07 0.00	34.50 -3.66 0.00	34.65 -3.30 0.00	35.14 -3.35 0.00	37.50 -3.13 0.00	42.83 -2.73 0.00	49.80 -2.18 0.00	53.39 -1.65 0.00	52.52 -2.30 0.00	50.57 -2.27 0.00	49.17 -2.37 0.00	45.53 -2.55 0.00	42.77 -2.16 0.00	43.57 -1.58 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	57.42 3.86 0.00	52.54 3.50 -0.49	47.70 3.25 0.00	42.97 2.78 -3.56	43.39 2.99 0.00	44.87 3.01 0.00	43.67 2.71 -2.21	42.73 2.94 0.00	43.52 3.07 0.00	43.01 2.85 0.00	42.15 2.65 0.00	40.72 2.56 0.00	40.54 2.58 0.00	41.07 2.58 0.00	43.23 2.60 0.00	48.30 2.73 0.00	54.48 2.50 0.00	57.96 2.92 0.00	57.23 2.41 0.00	55.06 2.22 0.00	53.86 2.32 0.00	50.48 2.40 0.00	47.27 2.34 0.00	47.23 2.08 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	56.99 3.43 0.00	52.18 3.16 -0.48	47.39 2.93 0.00	42.60 2.53 -3.44	43.10 2.71 0.00	44.58 2.72 0.00	43.37 2.48 -2.13	42.37 2.59 0.00	43.19 2.75 0.00	42.65 2.49 0.00	41.80 2.29 0.00	40.34 2.18 0.00	40.16 2.20 0.00	40.72 2.23 0.00	42.90 2.28 0.00	47.98 2.41 0.00	54.32 2.34 0.00	57.85 2.81 0.00	57.12 2.30 0.00	54.90 2.06 0.00	53.70 2.16 0.00	50.19 2.12 0.00	47.00 2.07 0.00	47.00 1.85 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	58.13 4.55 -0.01	53.13 4.08 -0.50	48.33 3.87 -0.01	43.42 3.22 -3.57	43.88 3.47 -0.01	45.38 3.52 -0.01	44.14 3.18 -2.21	43.09 3.30 0.00	43.72 3.28 0.00	43.17 3.01 0.00	42.31 2.80 0.00	40.88 2.71 0.00	40.46 2.51 0.00	41.26 2.77 0.00	43.10 2.48 0.00	47.98 2.41 0.00	53.85 1.87 0.01	57.30 2.26 0.00	56.57 1.75 0.01	54.37 1.53 0.01	53.29 1.75 0.00	50.14 2.07 0.00	47.31 2.38 0.00	47.54 2.39 0.00
E179THST_13_KV_LOAD 356214	58.34 4.77 -0.01	53.33 4.27 -0.50	48.51 4.05 -0.01	43.57 3.37 -3.57	44.04 3.64 -0.01	45.55 3.68 -0.01	44.26 3.29 -2.21	43.25 3.46 0.00	43.88 3.44 0.00	43.33 3.17 0.00	42.47 2.96 0.00	41.03 2.86 0.00	40.61 2.66 0.00	41.41 2.93 0.00	43.27 2.64 0.00	48.16 2.60 0.00	54.11 2.13 0.01	57.57 2.53 0.00	56.78 1.97 0.01	54.58 1.74 0.01	53.50 1.96 0.00	50.38 2.31 0.00	47.49 2.56 0.00	47.72 2.57 0.00
EAST HAMPTON___GT 23717	59.19 5.62 0.00	54.10 5.05 -0.49	48.76 4.31 0.00	43.93 3.74 -3.56	44.52 4.12 0.00	46.13 4.27 0.00	44.93 3.95 -2.22	48.90 4.10 -5.02	50.24 4.21 -5.59	50.44 3.89 -6.39	48.39 3.48 -5.40	44.80 3.44 -3.20	41.31 3.34 -0.01	44.28 3.42 -2.37	45.10 3.58 -0.89	50.05 3.83 -0.66	63.64 3.79 -7.87	73.70 4.68 -13.98	70.07 4.39 -10.86	60.16 3.86 -3.46	56.84 3.76 -1.54	55.38 3.51 -3.80	47.86 2.92 -0.01	48.22 3.07 0.00
EAST RIVER___6 23660	57.59 4.02 0.00	52.73 3.69 -0.49	47.88 3.42 0.00	43.05 2.86 -3.56	43.51 3.11 0.00	44.96 3.10 0.00	43.79 2.83 -2.21	42.77 2.99 0.00	43.56 3.11 0.00	43.05 2.89 0.00	42.27 2.76 0.00	40.84 2.67 0.00	40.61 2.66 0.00	41.18 2.69 0.00	43.35 2.72 0.00	48.33 2.83 0.06	53.75 2.34 0.57	57.48 2.97 0.53	57.10 2.79 0.52	54.71 2.38 0.52	53.37 2.32 0.49	50.25 2.40 0.22	47.35 2.42 0.00	47.09 2.12 0.18
EAST RIVER___7 23524	57.59 4.02 0.00	52.73 3.69 -0.49	47.88 3.42 0.00	43.05 2.86 -3.56	43.51 3.11 0.00	44.96 3.10 0.00	43.79 2.83 -2.21	42.77 2.99 0.00	43.56 3.11 0.00	43.05 2.89 0.00	42.27 2.76 0.00	40.84 2.67 0.00	40.61 2.66 0.00	41.18 2.69 0.00	43.35 2.72 0.00	48.33 2.83 0.06	53.75 2.34 0.57	57.48 2.97 0.53	57.10 2.79 0.52	54.71 2.38 0.52	53.37 2.32 0.49	50.25 2.40 0.22	47.35 2.42 0.00	47.09 2.12 0.18
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	57.32 3.75 0.00	52.40 3.35 -0.49	47.61 3.16 0.00	42.86 2.67 -3.56	43.31 2.91 0.00	44.75 2.89 0.00	43.59 2.64 -2.21	42.61 2.82 0.00	43.40 2.95 0.00	42.89 2.73 0.00	42.03 2.53 0.00	40.61 2.44 0.00	40.42 2.47 0.00	40.99 2.50 0.00	43.15 2.52 0.00	48.16 2.60 0.00	54.37 2.39 0.00	57.85 2.81 0.00	57.12 2.30 0.00	54.96 2.11 0.00	53.75 2.22 0.00	50.38 2.31 0.00	47.13 2.20 0.00	47.14 1.99 0.00
EAST_HAMPTON___DIESEL 23722	59.08 5.52 0.00	54.00 4.95 -0.49	48.68 4.23 0.00	43.85 3.66 -3.56	44.44 4.04 0.00	46.04 4.19 0.00	44.85 3.87 -2.22	48.82 4.02 -5.02	50.16 4.13 -5.59	50.36 3.82 -6.39	48.31 3.40 -5.40	44.72 3.36 -3.20	41.23 3.26 -0.01	44.17 3.31 -2.37	45.02 3.49 -0.89	49.96 3.74 -0.66	63.48 3.64 -7.87	73.54 4.51 -13.98	69.96 4.28 -10.86	60.00 3.70 -3.46	56.69 3.61 -1.54	55.29 3.41 -3.80	47.73 2.79 -0.01	48.18 3.03 0.00
EAST_POINT___SOLAR 323840	57.64 4.07 0.00	52.92 3.64 -0.72	47.61 3.16 0.00	44.35 2.49 -5.23	43.31 2.91 0.00	44.83 2.97 0.00	44.98 2.98 -3.25	42.77 2.99 0.00	43.60 3.16 0.00	42.73 2.57 0.00	41.68 2.17 0.00	39.62 1.45 0.00	39.25 1.29 0.00	40.10 1.62 0.00	42.21 1.58 0.00	48.30 2.73 0.00	55.88 3.90 0.00	59.89 4.84 0.00	59.53 4.72 0.00	57.02 4.17 0.00	55.51 3.97 0.00	51.44 3.36 0.00	47.76 2.83 0.00	48.00 2.85 0.00
EAST_PULASKI___ESR 323781	52.34 -1.23 0.00	47.48 -1.11 -0.04	43.43 -1.02 0.00	36.03 -0.88 -0.28	39.47 -0.93 0.00	40.98 -0.88 0.00	38.07 -0.85 -0.17	39.03 -0.76 0.00	39.64 -0.81 0.00	39.44 -0.72 0.00	38.80 -0.71 0.00	37.40 -0.76 0.00	37.20 -0.76 0.00	37.72 -0.77 0.00	39.90 -0.73 0.00	44.83 -0.73 0.00	51.46 -0.52 0.00	54.71 -0.33 0.00	54.27 -0.55 0.00	52.05 -0.79 0.00	50.77 -0.77 0.00	47.26 -0.82 0.00	44.03 -0.90 0.00	44.20 -0.95 0.00
EAST_RIVER___1 323558	57.64 4.07 0.00	52.84 3.79 -0.49	47.96 3.51 0.00	43.12 2.93 -3.56	43.59 3.19 0.00	45.04 3.18 0.00	43.87 2.91 -2.21	42.85 3.06 0.00	43.64 3.19 0.00	43.17 3.01 0.00	42.35 2.85 0.00	40.91 2.75 0.00	40.69 2.73 0.00	41.30 2.81 0.00	43.43 2.80 0.00	48.42 2.92 0.06	53.86 2.44 0.57	57.59 3.08 0.53	57.21 2.90 0.52	54.76 2.43 0.52	53.48 2.42 0.49	50.35 2.50 0.22	47.44 2.51 0.00	47.18 2.21 0.18
EAST_RIVER___2 323559	57.59 4.02 0.00	52.73 3.69 -0.49	47.88 3.42 0.00	43.05 2.86 -3.56	43.51 3.11 0.00	44.96 3.10 0.00	43.79 2.83 -2.21	42.77 2.99 0.00	43.56 3.11 0.00	43.05 2.89 0.00	42.27 2.76 0.00	40.84 2.67 0.00	40.61 2.66 0.00	41.18 2.69 0.00	43.35 2.72 0.00	48.33 2.83 0.06	53.75 2.34 0.57	57.48 2.97 0.53	57.10 2.79 0.52	54.71 2.38 0.52	53.37 2.32 0.49	50.25 2.40 0.22	47.35 2.42 0.00	47.09 2.12 0.18
EAST___DELAWARE_HYD 23607	57.64 4.07 0.00	52.69 3.69 -0.45	47.88 3.42 0.00	42.82 2.93 -3.26	43.55 3.15 0.00	45.13 3.27 0.00	43.72 2.94 -2.02	42.73 2.94 0.00	43.60 3.16 0.00	42.97 2.81 0.00	42.07 2.57 0.00	40.57 2.41 0.00	40.35 2.39 0.00	40.91 2.43 0.00	43.27 2.64 0.00	48.48 2.92 0.00	55.15 3.17 0.00	58.84 3.80 0.00	58.44 3.62 0.00	55.91 3.06 0.00	54.53 2.99 0.00	50.81 2.74 0.00	47.58 2.65 0.00	47.54 2.39 0.00
EIGHT_POINT___WT_PWR 323820	48.96 -4.61 0.00	44.54 -4.03 -0.02	40.99 -3.47 0.00	33.03 -3.41 0.20	37.16 -3.23 0.00	38.84 -3.01 0.00	35.36 -3.29 0.10	36.80 -2.98 0.00	38.76 -2.95 -1.26	42.93 -2.85 -5.63	36.47 -3.04 0.00	35.46 -2.71 0.00	35.57 -2.39 0.00	36.26 -2.23 0.00	38.68 -1.95 0.00	44.20 -1.37 0.00	51.56 -0.42 0.00	55.37 0.33 0.00	54.82 0.00 0.00	51.79 -1.06 0.00	50.87 -0.67 0.00	47.30 -0.77 0.00	44.30 -0.63 0.00	44.70 -0.45 0.00
ELBRIDGE_115KV_TB2 80188	52.23 -1.34 0.00	47.40 -1.21 -0.06	43.43 -1.02 0.00	36.15 -0.88 -0.40	39.47 -0.93 0.00	40.98 -0.88 0.00	38.19 -0.81 -0.25	38.99 -0.80 0.00	39.64 -0.81 0.00	39.31 -0.84 0.00	38.64 -0.87 0.00	37.33 -0.84 0.00	37.12 -0.84 0.00	37.64 -0.85 0.00	39.81 -0.81 0.00	44.79 -0.77 0.00	51.31 -0.68 0.00	54.55 -0.50 0.00	54.05 -0.77 0.00	51.95 -0.90 0.00	50.61 -0.93 0.00	47.07 -1.01 0.00	43.90 -1.03 0.00	44.16 -0.99 0.00
ELEC_TRO_TEK 24086	57.96 4.39 0.00	52.93 3.88 -0.49	48.10 3.65 0.00	43.45 3.26 -3.56	43.87 3.47 0.00	45.33 3.47 0.00	44.19 3.22 -2.22	48.18 3.38 -5.02	49.55 3.52 -5.59	49.84 3.29 -6.39	47.95 3.04 -5.40	44.34 2.98 -3.20	40.97 3.00 -0.01	43.86 3.00 -2.37	44.57 3.05 -0.89	49.41 3.19 -0.66	62.91 3.07 -7.86	72.55 3.52 -13.98	68.69 3.02 -10.86	59.10 2.80 -3.46	55.96 2.89 -1.54	54.76 2.88 -3.80	47.86 2.92 -0.01	47.41 2.26 0.00

ELLENBURG_WT_PWR 323604	52.93 -0.64 0.00	47.73 -0.83 0.00	43.43 -1.02 0.00	35.67 -0.95 0.00	39.10 -1.29 0.00	40.35 -1.51 0.00	37.36 -1.39 0.00	38.47 -1.31 0.00	0.93 -1.50 38.02	0.18 -1.32 38.66	-6.51 -1.15 44.87	19.04 -1.11 18.01	36.89 -1.06 0.00	37.45 -1.04 0.00	39.41 -1.22 0.00	44.56 -1.00 0.00	51.15 -0.83 0.00	54.33 -0.72 0.00	54.82 0.00 0.00	53.74 0.90 0.00	52.57 1.03 0.00	48.94 0.87 0.00	45.92 0.99 0.00	46.23 1.08 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	48.37 -5.20 0.00	43.65 -4.95 -0.05	40.50 -3.96 0.00	33.31 -3.52 -0.20	36.88 -3.51 0.00	38.55 -3.31 0.00	35.01 -3.88 -0.13	35.41 -4.38 0.00	35.68 -4.33 0.44	34.12 -4.10 1.94	35.16 -4.35 0.00	34.23 -3.93 0.00	34.31 -3.64 0.00	34.76 -3.73 0.00	37.05 -3.58 0.00	42.24 -3.33 0.00	48.97 -3.01 0.00	52.40 -2.64 0.00	51.58 -3.23 0.00	49.67 -3.17 0.00	48.24 -3.30 0.00	44.76 -3.32 0.00	42.10 -2.83 0.00	42.98 -2.17 0.00
EMPIRE_CC_1 323656	55.87 2.30 0.00	51.27 2.09 -0.63	46.41 1.95 0.00	42.78 1.61 -4.54	42.17 1.78 0.00	43.66 1.80 0.00	43.27 1.70 -2.82	41.34 1.55 0.00	42.14 1.70 0.00	41.76 1.61 0.00	41.09 1.58 0.00	39.73 1.57 0.00	39.48 1.52 0.00	39.99 1.50 0.00	42.17 1.54 0.00	46.88 1.32 0.00	53.28 1.30 0.00	56.64 1.60 0.00	56.24 1.42 0.00	54.06 1.22 0.00	52.77 1.23 0.00	49.18 1.11 0.00	46.01 1.08 0.00	46.28 1.13 0.00
EMPIRE_CC_2 323658	55.87 2.30 0.00	51.27 2.09 -0.63	46.41 1.95 0.00	42.78 1.61 -4.54	42.17 1.78 0.00	43.66 1.80 0.00	43.27 1.70 -2.82	41.34 1.55 0.00	42.14 1.70 0.00	41.76 1.61 0.00	41.09 1.58 0.00	39.73 1.57 0.00	39.48 1.52 0.00	39.99 1.50 0.00	42.17 1.54 0.00	46.88 1.32 0.00	53.28 1.30 0.00	56.64 1.60 0.00	56.24 1.42 0.00	54.06 1.22 0.00	52.77 1.23 0.00	49.18 1.11 0.00	46.01 1.08 0.00	46.28 1.13 0.00
ENORWICH_115KV_TB1 80156	56.67 3.11 0.00	51.44 2.67 -0.22	46.94 2.49 0.00	40.15 1.76 -1.76	42.62 2.22 0.00	44.45 2.60 0.00	41.96 2.13 -1.08	42.57 2.78 0.00	43.34 2.83 -0.07	43.23 2.77 -0.31	42.11 2.61 0.00	40.53 2.37 0.00	40.23 2.28 0.00	40.80 2.31 0.00	43.19 2.56 0.00	48.80 3.23 0.00	56.56 4.57 0.00	60.60 5.56 0.00	59.70 4.88 0.00	57.44 4.60 0.00	55.61 4.07 0.00	51.63 3.56 0.00	47.98 3.06 0.00	48.22 3.07 0.00
ERIE_ST_34_KV_TB1-2 80199	49.44 -4.12 0.00	44.18 -4.42 -0.05	41.43 -3.02 0.00	33.36 -3.48 -0.21	37.69 -2.71 0.00	39.47 -2.39 0.00	35.05 -3.84 -0.14	36.40 -3.38 0.00	37.12 -2.95 0.37	35.75 -2.77 1.64	36.15 -3.36 0.00	35.15 -3.02 0.00	35.30 -2.66 0.00	35.76 -2.73 0.00	38.11 -2.52 0.00	43.47 -2.10 0.00	50.47 -1.51 0.00	54.05 -0.99 0.00	53.17 -1.64 0.00	51.10 -1.74 0.00	49.73 -1.80 0.00	46.10 -1.97 0.00	43.31 -1.62 0.00	44.07 -1.08 0.00
ERIE_WT_PWR 323693	48.75 -4.82 0.00	44.28 -4.32 -0.05	40.76 -3.69 0.00	33.35 -3.48 -0.20	37.09 -3.31 0.00	38.81 -3.05 0.00	35.09 -3.80 -0.13	35.85 -3.94 0.00	36.06 -3.96 0.42	34.50 -3.82 1.85	35.44 -4.07 0.00	34.46 -3.70 0.00	34.62 -3.34 0.00	35.02 -3.46 0.00	37.30 -3.33 0.00	42.37 -3.19 0.00	49.33 -2.65 0.00	52.84 -2.20 0.00	52.24 -2.58 0.00	48.99 -3.86 0.00	48.39 -3.15 0.00	45.05 -3.03 0.00	42.50 -2.43 0.00	43.21 -1.94 0.00
ESPRGFLD_115KV_TB1 80157	55.82 2.25 0.00	50.50 1.94 0.00	46.23 1.78 0.00	37.95 1.32 0.00	42.01 1.62 0.00	43.62 1.76 0.00	40.38 1.63 0.00	41.58 1.79 0.00	42.34 1.90 0.00	41.92 1.77 0.00	41.05 1.54 0.00	39.46 1.30 0.00	39.17 1.21 0.00	39.76 1.27 0.00	41.97 1.34 0.00	47.38 1.82 0.00	54.48 2.50 0.00	58.18 3.14 0.00	57.50 2.69 0.00	55.33 2.48 0.00	53.81 2.27 0.00	50.05 1.97 0.00	46.55 1.62 0.00	46.69 1.54 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	53.73 0.16 0.00	48.84 0.05 -0.24	44.63 0.18 0.00	38.87 0.04 -2.21	40.60 0.20 0.00	42.19 0.33 0.00	40.33 0.23 -1.34	40.22 0.44 0.00	40.96 0.40 -0.11	41.02 0.36 -0.50	39.74 0.24 0.00	38.39 0.23 0.00	38.15 0.19 0.00	38.68 0.19 0.00	40.99 0.37 0.00	46.20 0.64 0.00	53.13 1.14 0.00	56.64 1.60 0.00	55.97 1.15 0.00	53.79 0.95 0.00	52.31 0.77 0.00	48.60 0.53 0.00	45.29 0.36 0.00	45.51 0.36 0.00
ETNA____115KV_TB2 80207	53.73 0.16 0.00	48.84 0.05 -0.24	44.63 0.18 0.00	38.87 0.04 -2.21	40.60 0.20 0.00	42.19 0.33 0.00	40.33 0.23 -1.34	40.22 0.44 0.00	40.96 0.40 -0.11	41.02 0.36 -0.50	39.74 0.24 0.00	38.39 0.23 0.00	38.15 0.19 0.00	38.68 0.19 0.00	40.99 0.37 0.00	46.20 0.64 0.00	53.13 1.14 0.00	56.64 1.60 0.00	55.97 1.15 0.00	53.79 0.95 0.00	52.31 0.77 0.00	48.60 0.53 0.00	45.29 0.36 0.00	45.51 0.36 0.00
EUCLID____115KV_TB2 356179	51.91 -1.66 0.00	47.09 -1.51 -0.04	43.12 -1.33 0.00	35.88 -1.06 -0.32	39.27 -1.13 0.00	40.73 -1.13 0.00	37.90 -1.05 -0.20	38.71 -1.07 0.00	39.35 -1.09 0.00	39.07 -1.08 0.00	38.40 -1.11 0.00	37.10 -1.07 0.00	36.89 -1.06 0.00	37.41 -1.08 0.00	39.57 -1.06 0.00	44.47 -1.09 0.00	50.89 -1.09 0.00	54.05 -0.99 0.00	53.56 -1.26 0.00	51.52 -1.32 0.00	50.20 -1.34 0.00	46.73 -1.35 0.00	43.58 -1.35 0.00	43.84 -1.31 0.00
E_CANADA_CAP_HY 24051	56.62 3.05 0.00	52.02 2.72 -0.75	46.76 2.31 0.00	43.89 1.83 -5.43	42.54 2.14 0.00	44.08 2.22 0.00	44.37 2.25 -3.37	42.05 2.27 0.00	42.87 2.43 0.00	42.28 2.13 0.00	41.32 1.82 0.00	39.65 1.49 0.00	39.28 1.33 0.00	39.91 1.42 0.00	42.13 1.50 0.00	47.66 2.10 0.00	54.89 2.91 0.00	58.79 3.74 0.00	58.33 3.51 0.00	55.91 3.06 0.00	54.47 2.94 0.00	50.53 2.45 0.00	46.95 2.02 0.00	47.18 2.03 0.00
E_CANADA_MHWK_HY 24050	55.33 1.77 0.00	50.15 1.60 0.00	45.83 1.38 0.00	37.69 1.06 0.00	41.53 1.13 0.00	42.99 1.13 0.00	39.72 0.97 0.00	40.70 0.92 0.00	41.33 0.89 0.00	40.96 0.80 0.00	40.34 0.83 0.00	38.93 0.76 0.00	38.68 0.72 0.00	39.22 0.73 0.00	41.40 0.77 0.00	46.43 0.86 0.00	52.97 0.99 0.00	56.42 1.38 0.00	56.19 1.37 0.00	54.22 1.37 0.00	53.03 1.50 0.00	49.61 1.54 0.00	46.46 1.53 0.00	46.73 1.58 0.00
E_FISHKILL____LBMP 23776	56.99 3.43 0.00	52.16 3.11 -0.50	47.39 2.93 0.00	42.75 2.49 -3.63	43.06 2.67 0.00	44.58 2.72 0.00	43.45 2.44 -2.25	42.41 2.63 0.00	43.19 2.75 0.00	42.69 2.53 0.00	41.84 2.33 0.00	40.46 2.29 0.00	40.23 2.28 0.00	40.80 2.31 0.00	42.94 2.32 0.00	47.93 2.37 0.00	54.17 2.18 0.00	57.63 2.59 0.00	56.96 2.14 0.00	54.80 1.96 0.00	53.60 2.06 0.00	50.14 2.07 0.00	46.95 2.02 0.00	46.96 1.81 0.00
FALCON____SEABRD_CC1 323796	53.19 -0.37 0.00	48.02 -0.53 0.00	43.70 -0.76 0.00	35.86 -0.77 0.00	39.35 -1.05 0.00	40.60 -1.25 0.00	37.63 -1.13 0.00	38.75 -1.03 0.00	0.81 -1.25 38.38	0.06 -1.08 39.02	-6.65 -0.87 45.29	19.11 -0.88 18.18	37.16 -0.80 0.00	37.72 -0.77 0.00	39.69 -0.93 0.00	44.92 -0.64 0.00	51.56 -0.42 0.00	54.88 -0.16 0.00	55.31 0.49 0.00	54.22 1.37 0.00	53.03 1.50 0.00	49.32 1.25 0.00	46.28 1.35 0.00	46.60 1.44 0.00

FALCON___SEABRD_CC2 323797	53.19 -0.37 0.00	48.02 -0.53 0.00	43.70 -0.76 0.00	35.86 -0.77 0.00	39.35 -1.05 0.00	40.60 -1.25 0.00	37.63 -1.13 0.00	38.75 -1.03 0.00	0.81 -1.25 38.38	0.06 -1.08 39.02	-6.65 -0.87 45.29	19.11 -0.88 18.18	37.16 -0.80 0.00	37.72 -0.77 0.00	39.69 -0.93 0.00	44.92 -0.64 0.00	51.56 -0.42 0.00	54.88 -0.16 0.00	55.31 0.49 0.00	54.22 1.37 0.00	53.03 1.50 0.00	49.32 1.25 0.00	46.28 1.35 0.00	46.60 1.44 0.00
FAR ROCKAWAY___4 23548	58.71 5.14 0.00	53.56 4.52 -0.49	48.68 4.22 0.00	43.93 3.74 -3.56	44.36 3.96 0.00	45.84 3.98 0.00	44.73 3.76 -2.22	48.74 3.94 -5.02	50.12 4.08 -5.59	50.40 3.86 -6.39	48.54 3.63 -5.40	44.88 3.51 -3.20	41.50 3.53 -0.01	44.40 3.54 -2.37	45.14 3.62 -0.89	50.09 3.87 -0.66	63.74 3.90 -7.86	73.48 4.46 -13.98	69.63 3.95 -10.86	59.95 3.65 -3.46	56.79 3.71 -1.54	55.52 3.65 -3.80	48.54 3.59 -0.01	48.04 2.89 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	57.80 4.23 0.00	52.88 3.84 -0.49	48.05 3.60 0.00	43.23 3.04 -3.56	43.67 3.27 0.00	45.12 3.27 0.00	43.95 2.98 -2.21	43.01 3.22 0.00	43.76 3.32 0.00	43.25 3.09 0.00	42.39 2.88 0.00	40.95 2.79 0.00	40.73 2.77 0.00	41.30 2.81 0.00	43.43 2.80 0.00	48.48 2.92 0.00	54.53 2.55 0.00	58.01 2.97 0.00	57.29 2.47 0.00	55.06 2.22 0.00	53.91 2.37 0.00	50.62 2.55 0.00	47.49 2.56 0.00	47.41 2.26 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	57.80 4.23 0.00	52.88 3.84 -0.49	48.05 3.60 0.00	43.23 3.04 -3.56	43.67 3.27 0.00	45.12 3.27 0.00	43.95 2.98 -2.21	43.01 3.22 0.00	43.76 3.32 0.00	43.25 3.09 0.00	42.39 2.88 0.00	40.95 2.79 0.00	40.73 2.77 0.00	41.30 2.81 0.00	43.43 2.80 0.00	48.48 2.92 0.00	54.53 2.55 0.00	58.01 2.97 0.00	57.29 2.47 0.00	55.06 2.22 0.00	53.91 2.37 0.00	50.67 2.60 0.00	47.49 2.56 0.00	47.45 2.30 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	57.74 4.18 0.00	52.83 3.79 -0.49	48.01 3.56 0.00	43.23 3.04 -3.56	43.63 3.23 0.00	45.08 3.22 0.00	43.91 2.95 -2.21	42.97 3.18 0.00	43.76 3.32 0.00	43.21 3.05 0.00	42.35 2.84 0.00	40.95 2.79 0.00	40.69 2.73 0.00	41.30 2.81 0.00	43.43 2.80 0.00	48.43 2.87 0.00	54.48 2.50 0.00	57.96 2.92 0.00	57.23 2.41 0.00	55.01 2.17 0.00	53.91 2.37 0.00	50.62 2.55 0.00	47.44 2.52 0.00	47.41 2.26 0.00
FARRAGUT___LBMP 323566	57.74 4.18 0.00	52.83 3.79 -0.49	48.01 3.56 0.00	43.19 3.00 -3.56	43.63 3.23 0.00	45.08 3.22 0.00	43.91 2.95 -2.21	42.97 3.18 0.00	43.72 3.28 0.00	43.21 3.05 0.00	42.35 2.84 0.00	40.91 2.75 0.00	40.69 2.73 0.00	41.26 2.76 0.00	43.39 2.76 0.00	48.43 2.87 0.00	54.48 2.50 0.00	57.96 2.92 0.00	57.18 2.36 0.00	55.01 2.17 0.00	53.86 2.32 0.00	50.57 2.50 0.00	47.40 2.47 0.00	47.36 2.21 0.00
FENNER___WINDPWR 24204	54.10 0.54 0.00	49.12 0.49 -0.09	44.90 0.44 0.00	37.63 0.29 -0.71	40.84 0.45 0.00	42.40 0.54 0.00	39.66 0.47 -0.44	40.42 0.63 0.00	41.09 0.65 0.00	40.76 0.60 0.00	40.10 0.59 0.00	38.66 0.49 0.00	38.45 0.49 0.00	38.99 0.50 0.00	41.24 0.61 0.00	46.34 0.77 0.00	53.12 1.14 0.00	56.53 1.49 0.00	56.08 1.26 0.00	53.80 0.95 0.00	52.36 0.82 0.00	48.75 0.67 0.00	45.42 0.50 0.00	45.65 0.50 0.00
FIBERTEK___ENERGY 23856	52.49 -1.07 0.00	47.59 -1.02 -0.05	43.61 -0.84 0.00	36.31 -0.70 -0.38	39.67 -0.73 0.00	41.19 -0.67 0.00	38.37 -0.62 -0.24	39.19 -0.60 0.00	39.84 -0.61 0.00	39.55 -0.60 0.00	38.87 -0.63 0.00	37.55 -0.61 0.00	37.31 -0.65 0.00	37.83 -0.65 0.00	40.06 -0.57 0.00	45.06 -0.50 0.00	51.62 -0.36 0.00	54.88 -0.17 0.00	54.33 -0.49 0.00	52.26 -0.58 0.00	50.87 -0.67 0.00	47.31 -0.77 0.00	44.12 -0.81 0.00	44.34 -0.81 0.00
FITZPATRICK____ 23598	51.26 -2.30 0.00	46.50 -2.09 -0.03	42.59 -1.87 0.00	35.34 -1.50 -0.22	38.74 -1.66 0.00	40.18 -1.68 0.00	37.34 -1.55 -0.14	38.15 -1.63 0.00	38.78 -1.66 0.00	38.51 -1.65 0.00	37.85 -1.66 0.00	36.56 -1.60 0.00	36.36 -1.59 0.00	36.87 -1.62 0.00	39.00 -1.63 0.00	43.78 -1.78 0.00	50.06 -1.92 0.00	53.17 -1.87 0.00	52.85 -1.97 0.00	50.67 -2.17 0.00	49.53 -2.01 0.00	46.10 -1.97 0.00	43.08 -1.84 0.00	43.30 -1.85 0.00
FLOWRFLD_69_KV_BK1 356044	58.92 5.36 0.00	53.80 4.76 -0.49	48.85 4.40 0.00	44.15 3.96 -3.56	44.60 4.20 0.00	46.09 4.23 0.00	45.01 4.03 -2.22	49.06 4.26 -5.02	50.40 4.37 -5.59	50.64 4.10 -6.39	48.78 3.87 -5.40	45.07 3.70 -3.20	41.65 3.68 -0.01	44.59 3.73 -2.37	45.42 3.90 -0.90	50.32 4.10 -0.66	64.16 4.31 -7.87	73.92 4.90 -13.98	70.07 4.39 -10.86	60.32 4.02 -3.46	57.15 4.07 -1.54	55.81 3.94 -3.80	48.72 3.77 -0.01	48.13 2.98 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	57.64 4.07 0.00	52.79 3.74 -0.49	47.92 3.47 0.00	43.16 2.97 -3.57	43.59 3.19 0.00	45.08 3.22 0.00	43.87 2.91 -2.21	42.81 3.02 0.00	43.68 3.24 0.00	43.09 2.93 0.00	42.19 2.69 0.00	40.72 2.56 0.00	40.54 2.58 0.00	41.11 2.62 0.00	43.35 2.72 0.00	48.48 2.92 0.00	54.94 2.96 0.00	58.51 3.47 0.00	57.72 2.91 0.00	55.49 2.64 0.00	54.27 2.73 0.00	50.67 2.60 0.00	47.44 2.52 0.00	47.45 2.30 0.00
FORT ORANGE____ 23900	55.60 2.04 0.00	51.04 1.84 -0.64	46.46 2.00 0.00	42.87 1.61 -4.64	42.26 1.86 0.00	43.74 1.89 0.00	43.37 1.75 -2.87	41.46 1.67 0.00	42.31 1.86 0.00	41.88 1.73 0.00	41.09 1.58 0.00	39.69 1.53 0.00	39.48 1.52 0.00	39.99 1.50 0.00	42.21 1.58 0.00	46.93 1.37 0.00	53.39 1.40 0.00	56.80 1.76 0.00	56.46 1.64 0.00	54.22 1.37 0.00	52.88 1.34 0.00	49.28 1.20 0.00	46.05 1.12 0.00	46.55 1.40 0.00
FORT_DRUM_COGEN 23780	53.30 -0.27 0.00	48.29 -0.29 -0.03	44.05 -0.40 0.00	36.41 -0.40 -0.19	40.03 -0.36 0.00	41.52 -0.33 0.00	38.48 -0.39 -0.12	39.71 -0.08 0.00	42.10 -0.08 -1.73	42.00 0.08 -1.76	41.75 0.20 -2.04	38.99 0.00 -0.82	37.92 -0.04 0.00	38.53 0.04 0.00	40.63 0.00 0.00	45.74 0.18 0.00	53.02 1.04 0.00	56.53 1.49 0.00	56.08 1.26 0.00	54.11 1.27 0.00	52.47 0.93 0.00	48.75 0.67 0.00	45.29 0.36 0.00	45.42 0.27 0.00
FOX_HILLS___ESR 323835	58.07 4.50 0.00	52.98 3.93 -0.49	48.46 4.00 -0.01	43.57 3.37 -3.57	44.04 3.64 -0.01	45.42 3.56 0.00	43.95 2.98 -2.21	42.77 2.98 0.00	43.36 2.91 0.00	42.85 2.69 0.00	42.00 2.49 0.00	40.57 2.40 0.00	40.27 2.32 0.00	40.91 2.42 0.00	42.94 2.32 0.00	47.89 2.32 0.00	53.79 1.82 0.01	57.30 2.26 0.00	56.57 1.75 0.01	54.37 1.53 0.01	53.29 1.75 0.00	50.14 2.07 0.00	47.49 2.56 0.00	47.77 2.62 0.00
FPL FAR_ROCK_GT1 24212	58.82 5.25 0.00	53.85 4.81 -0.49	48.72 4.27 0.00	43.85 3.66 -3.56	44.44 4.04 0.00	45.92 4.06 0.00	44.73 3.76 -2.22	48.66 3.86 -5.02	50.04 4.00 -5.59	50.36 3.82 -6.39	48.54 3.63 -5.40	44.87 3.51 -3.20	41.50 3.53 -0.01	44.39 3.54 -2.37	45.13 3.61 -0.89	50.14 3.92 -0.66	63.75 3.90 -7.86	73.65 4.62 -13.98	70.12 4.44 -10.86	60.21 3.91 -3.46	56.89 3.81 -1.54	55.52 3.65 -3.80	48.18 3.24 -0.01	47.95 2.80 0.00



FPL FAR_ROCK_GT2 23815	58.82 5.25 0.00	53.85 4.81 -0.49	48.72 4.27 0.00	43.85 3.66 -3.56	44.44 4.04 0.00	45.92 4.06 0.00	44.73 3.76 -2.22	48.66 3.86 -5.02	50.04 4.00 -5.59	50.36 3.82 -6.39	48.54 3.63 -5.40	44.87 3.51 -3.20	41.50 3.53 -0.01	44.39 3.54 -2.37	45.13 3.61 -0.89	50.14 3.92 -0.66	63.75 3.90 -7.86	73.65 4.62 -13.98	70.12 4.44 -10.86	60.21 3.91 -3.46	56.89 3.81 -1.54	55.52 3.65 -3.80	48.18 3.24 -0.01	47.95 2.80 0.00
FRANKLIN_FALL_HYD 24054	53.73 0.16 0.00	48.60 0.05 0.00	44.14 -0.31 0.00	36.22 -0.40 0.00	39.87 -0.53 0.00	41.15 -0.71 0.00	38.06 -0.70 0.00	39.27 -0.52 0.00	67.01 -0.69 -27.26	67.39 -0.48 -27.71	71.48 -0.20 -32.17	50.85 -0.23 -12.91	37.80 -0.15 0.00	38.33 -0.15 0.00	40.30 -0.33 0.00	45.61 0.05 0.00	52.40 0.42 0.00	55.65 0.61 0.00	56.41 1.59 0.00	54.80 1.96 0.00	53.50 1.96 0.00	49.71 1.63 0.00	46.64 1.71 0.00	46.91 1.76 0.00
FREEPORT_EQUS_GT1 23764	58.39 4.82 0.00	53.51 4.46 -0.49	48.41 3.96 0.00	43.63 3.44 -3.56	44.19 3.80 0.00	45.67 3.81 0.00	44.46 3.49 -2.22	48.38 3.58 -5.02	49.75 3.72 -5.59	50.03 3.49 -6.39	48.23 3.32 -5.40	44.61 3.24 -3.20	41.23 3.26 -0.01	44.17 3.31 -2.37	44.89 3.37 -0.89	49.78 3.56 -0.66	63.33 3.48 -7.86	73.21 4.18 -13.98	69.68 4.00 -10.86	59.79 3.49 -3.46	56.48 3.40 -1.54	55.19 3.31 -3.80	47.82 2.88 -0.01	47.59 2.44 0.00
FREEPORT___CT2 23818	58.39 4.82 0.00	53.51 4.46 -0.49	48.41 3.96 0.00	43.63 3.44 -3.56	44.19 3.80 0.00	45.67 3.81 0.00	44.46 3.49 -2.22	48.38 3.58 -5.02	49.75 3.72 -5.59	50.03 3.49 -6.39	48.23 3.32 -5.40	44.61 3.24 -3.20	41.23 3.26 -0.01	44.17 3.31 -2.37	44.89 3.37 -0.89	49.78 3.56 -0.66	63.33 3.48 -7.86	73.21 4.18 -13.98	69.68 4.00 -10.86	59.79 3.49 -3.46	56.48 3.40 -1.54	55.19 3.31 -3.80	47.82 2.88 -0.01	47.59 2.44 0.00
FRESHKLS_33_KV_LOAD 356253	58.12 4.55 0.00	52.98 3.93 -0.49	48.55 4.09 -0.01	43.64 3.44 -3.57	44.16 3.76 -0.01	45.50 3.64 0.00	43.95 2.98 -2.21	42.69 2.90 0.00	43.19 2.75 0.01	42.68 2.53 0.01	41.83 2.33 0.01	40.41 2.25 0.01	40.11 2.16 0.01	40.75 2.27 0.01	42.77 2.15 0.01	47.74 2.19 0.01	53.64 1.66 0.01	57.13 2.09 0.01	56.40 1.59 0.01	54.21 1.37 0.01	53.13 1.60 0.01	49.99 1.92 0.01	47.49 2.56 0.00	47.86 2.71 0.00
FULTON COGEN____ 23766	51.80 -1.77 0.00	46.94 -1.65 -0.04	43.03 -1.42 0.00	35.76 -1.17 -0.30	39.14 -1.25 0.00	40.60 -1.26 0.00	37.82 -1.12 -0.19	38.63 -1.15 0.00	39.27 -1.17 0.00	38.99 -1.16 0.00	38.32 -1.19 0.00	37.02 -1.14 0.00	36.82 -1.14 0.00	37.30 -1.19 0.00	39.49 -1.14 0.00	44.38 -1.18 0.00	50.84 -1.14 0.00	54.05 -0.99 0.00	53.50 -1.32 0.00	51.47 -1.37 0.00	50.15 -1.39 0.00	46.63 -1.44 0.00	43.49 -1.44 0.00	43.71 -1.44 0.00
FULTON___LFGE 323630	57.26 3.69 0.00	52.57 3.30 -0.72	47.30 2.85 0.00	44.08 2.27 -5.18	43.02 2.62 0.00	44.58 2.72 0.00	44.68 2.71 -3.21	42.45 2.67 0.00	43.36 2.91 0.00	42.77 2.61 0.00	41.80 2.29 0.00	40.19 2.02 0.00	39.82 1.86 0.00	40.37 1.89 0.00	42.66 2.03 0.00	48.20 2.64 0.00	55.41 3.43 0.00	59.28 4.24 0.00	58.93 4.11 0.00	56.49 3.64 0.00	54.99 3.45 0.00	51.01 2.93 0.00	47.40 2.47 0.00	47.68 2.53 0.00
G.F.CEMENT___DRP 24184	57.21 3.64 0.00	52.42 3.20 -0.66	47.17 2.71 0.00	43.50 2.09 -4.78	42.86 2.46 0.00	44.41 2.55 0.00	44.32 2.60 -2.97	42.17 2.39 0.00	43.23 2.79 0.00	43.01 2.85 0.00	42.03 2.53 0.00	40.57 2.40 0.00	40.23 2.28 0.00	40.64 2.16 0.00	42.90 2.28 0.00	48.16 2.60 0.00	55.00 3.01 0.00	58.62 3.58 0.00	58.00 3.18 0.00	55.80 2.96 0.00	54.32 2.78 0.00	50.48 2.40 0.00	46.91 1.98 0.00	47.36 2.21 0.00
GARDENVILLE___LBMP 24039	48.48 -5.09 0.00	43.74 -4.86 -0.05	40.63 -3.82 0.00	33.27 -3.55 -0.20	36.96 -3.43 0.00	38.68 -3.18 0.00	35.01 -3.88 -0.13	35.57 -4.22 0.00	35.84 -4.13 0.48	34.13 -3.90 2.13	35.32 -4.19 0.00	34.35 -3.82 0.00	34.46 -3.49 0.00	34.91 -3.58 0.00	37.21 -3.41 0.00	42.46 -3.10 0.00	49.28 -2.70 0.00	52.73 -2.31 0.00	51.91 -2.91 0.00	49.99 -2.85 0.00	48.60 -2.94 0.00	45.05 -3.03 0.00	42.37 -2.56 0.00	43.21 -1.94 0.00
GARDNVLA_35_KV_LD 355827	48.75 -4.82 0.00	43.94 -4.66 -0.05	40.81 -3.65 0.00	33.42 -3.41 -0.20	37.17 -3.23 0.00	38.85 -3.01 0.00	35.13 -3.76 -0.13	35.69 -4.10 0.00	36.09 -3.96 0.39	34.64 -3.77 1.74	35.48 -4.03 0.00	34.54 -3.63 0.00	34.65 -3.30 0.00	35.10 -3.39 0.00	37.42 -3.21 0.00	42.69 -2.87 0.00	49.54 -2.44 0.00	53.01 -2.04 0.00	52.24 -2.58 0.00	50.25 -2.59 0.00	48.86 -2.68 0.00	45.29 -2.79 0.00	42.59 -2.34 0.00	43.44 -1.72 0.00
GELCKHM___115KV_LOAD 80723	52.12 -1.45 0.00	47.29 -1.31 -0.05	43.30 -1.16 0.00	36.02 -0.95 -0.34	39.39 -1.01 0.00	40.90 -0.96 0.00	38.07 -0.89 -0.21	38.87 -0.92 0.00	39.51 -0.93 0.00	39.23 -0.92 0.00	38.56 -0.95 0.00	37.25 -0.92 0.00	37.05 -0.91 0.00	37.56 -0.92 0.00	39.73 -0.89 0.00	44.70 -0.87 0.00	51.15 -0.83 0.00	54.33 -0.72 0.00	53.83 -0.99 0.00	51.79 -1.06 0.00	50.46 -1.08 0.00	46.92 -1.15 0.00	43.81 -1.12 0.00	44.02 -1.13 0.00
GENERAL___MILLS 23808	48.69 -4.87 0.00	43.84 -4.76 -0.05	40.76 -3.69 0.00	33.35 -3.48 -0.20	37.13 -3.27 0.00	38.80 -3.06 0.00	35.09 -3.80 -0.13	35.65 -4.14 0.00	36.02 -4.00 0.42	34.54 -3.77 1.85	35.44 -4.07 0.00	34.50 -3.66 0.00	34.62 -3.34 0.00	35.06 -3.43 0.00	37.34 -3.29 0.00	42.60 -2.96 0.00	49.43 -2.55 0.00	52.95 -2.09 0.00	52.13 -2.69 0.00	50.20 -2.64 0.00	48.76 -2.78 0.00	45.24 -2.84 0.00	42.55 -2.38 0.00	43.39 -1.76 0.00
GE_PLASTICS___DRP 24183	55.49 1.93 0.00	50.94 1.75 -0.64	46.10 1.64 0.00	42.59 1.32 -4.64	41.89 1.49 0.00	43.41 1.55 0.00	43.06 1.43 -2.88	41.18 1.39 0.00	41.94 1.50 0.00	41.56 1.41 0.00	40.81 1.30 0.00	39.42 1.26 0.00	39.21 1.25 0.00	39.72 1.23 0.00	41.93 1.30 0.00	46.70 1.14 0.00	53.07 1.09 0.00	56.36 1.32 0.00	55.86 1.04 0.00	53.79 0.95 0.00	52.52 0.98 0.00	48.99 0.91 0.00	45.83 0.90 0.00	46.23 1.08 0.00
GILBOA___1 23756	55.28 1.71 0.00	50.61 1.55 -0.50	45.92 1.46 0.00	41.49 1.21 -3.65	41.73 1.33 0.00	43.24 1.38 0.00	42.26 1.24 -2.26	41.06 1.27 0.00	41.82 1.38 0.00	41.44 1.28 0.00	40.69 1.18 0.00	39.31 1.14 0.00	39.09 1.14 0.00	39.64 1.15 0.00	41.81 1.18 0.00	46.79 1.23 0.00	53.18 1.20 0.00	56.58 1.54 0.00	56.24 1.42 0.00	54.00 1.16 0.00	52.67 1.13 0.00	49.13 1.06 0.00	45.92 0.99 0.00	46.14 0.99 0.00
GILBOA___2 23757	55.28 1.71 0.00	50.61 1.55 -0.50	45.92 1.46 0.00	41.49 1.21 -3.65	41.73 1.33 0.00	43.24 1.38 0.00	42.26 1.24 -2.26	41.06 1.27 0.00	41.82 1.38 0.00	41.44 1.28 0.00	40.69 1.18 0.00	39.31 1.14 0.00	39.09 1.14 0.00	39.64 1.15 0.00	41.81 1.18 0.00	46.79 1.23 0.00	53.18 1.20 0.00	56.58 1.54 0.00	56.24 1.42 0.00	54.00 1.16 0.00	52.67 1.13 0.00	49.13 1.06 0.00	45.92 0.99 0.00	46.14 0.99 0.00

GILBOA___3 23758	55.28 1.71 0.00	50.61 1.55 -0.50	45.92 1.46 0.00	41.49 1.21 -3.65	41.73 1.33 0.00	43.24 1.38 0.00	42.26 1.24 -2.26	41.06 1.27 0.00	41.82 1.38 0.00	41.44 1.28 0.00	40.69 1.18 0.00	39.31 1.14 0.00	39.09 1.14 0.00	39.64 1.15 0.00	41.81 1.18 0.00	46.79 1.23 0.00	53.18 1.20 0.00	56.58 1.54 0.00	56.24 1.42 0.00	54.00 1.16 0.00	52.67 1.13 0.00	49.13 1.06 0.00	45.92 0.99 0.00	46.14 0.99 0.00
GILBOA___4 23759	55.28 1.71 0.00	50.61 1.55 -0.50	45.92 1.46 0.00	41.49 1.21 -3.65	41.73 1.33 0.00	43.24 1.38 0.00	42.26 1.24 -2.26	41.06 1.27 0.00	41.82 1.38 0.00	41.44 1.28 0.00	40.69 1.18 0.00	39.31 1.14 0.00	39.09 1.14 0.00	39.64 1.15 0.00	41.81 1.18 0.00	46.79 1.23 0.00	53.18 1.20 0.00	56.58 1.54 0.00	56.24 1.42 0.00	54.00 1.16 0.00	52.67 1.13 0.00	49.13 1.06 0.00	45.92 0.99 0.00	46.14 0.99 0.00
GILBOA___ 23599	55.28 1.71 0.00	50.61 1.55 -0.50	45.92 1.47 0.00	41.49 1.21 -3.65	41.73 1.33 0.00	43.24 1.38 0.00	42.26 1.24 -2.26	41.10 1.31 0.00	41.82 1.38 0.00	41.44 1.29 0.00	40.69 1.19 0.00	39.31 1.14 0.00	39.10 1.14 0.00	39.64 1.15 0.00	41.80 1.18 0.00	46.75 1.18 0.00	53.18 1.20 0.00	56.53 1.49 0.00	55.97 1.15 0.00	53.85 1.00 0.00	52.62 1.08 0.00	49.08 1.01 0.00	45.92 0.99 0.00	46.10 0.95 0.00
GINNA___ 23603	48.37 -5.20 0.00	43.88 -4.71 -0.04	40.19 -4.27 0.00	33.45 -3.41 -0.23	36.56 -3.84 0.00	38.01 -3.85 0.00	35.37 -3.53 -0.14	35.89 -3.90 0.00	36.36 -4.08 0.00	36.02 -4.14 0.00	35.48 -4.03 0.00	34.35 -3.82 0.00	34.16 -3.80 0.00	34.72 -3.77 0.00	36.81 -3.82 0.00	41.60 -3.96 0.00	47.98 -4.00 0.00	51.19 -3.85 0.00	50.65 -4.17 0.00	48.04 -4.81 0.00	47.11 -4.43 0.00	43.84 -4.23 0.00	40.97 -3.95 0.00	41.31 -3.84 0.00
GLEN PARK___ 23778	53.62 0.05 0.00	48.58 0.00 -0.03	44.28 -0.18 0.00	36.61 -0.22 -0.20	40.28 -0.12 0.00	41.78 -0.08 0.00	38.72 -0.15 -0.12	39.98 0.20 0.00	42.29 0.20 -1.64	42.19 0.36 -1.67	41.88 0.44 -1.94	39.17 0.23 -0.78	38.11 0.15 0.00	38.76 0.27 0.00	40.87 0.25 0.00	46.06 0.50 0.00	53.33 1.35 0.00	57.02 1.98 0.00	56.46 1.64 0.00	54.38 1.53 0.00	52.77 1.23 0.00	48.99 0.91 0.00	45.51 0.58 0.00	45.60 0.45 0.00
GLENDALE_27_KV_LOAD 356172	58.17 4.61 0.00	53.17 4.13 -0.49	48.37 3.91 -0.01	43.50 3.30 -3.57	43.96 3.55 -0.01	45.42 3.56 0.00	44.14 3.18 -2.21	43.13 3.34 0.00	43.84 3.40 0.00	43.33 3.17 0.00	42.47 2.96 0.00	41.03 2.86 0.00	40.73 2.77 0.00	41.38 2.89 0.00	43.43 2.80 0.00	48.43 2.87 0.00	54.42 2.44 0.01	57.90 2.86 0.00	57.11 2.30 0.01	54.95 2.11 0.01	53.81 2.27 0.00	50.62 2.55 0.00	47.62 2.70 0.00	47.68 2.53 0.00
GLENWOOD_IC_1_G5 23712	58.01 4.45 0.00	52.98 3.93 -0.49	48.14 3.69 0.00	43.42 3.22 -3.56	43.87 3.47 0.00	45.33 3.47 0.00	44.19 3.22 -2.22	48.22 3.42 -5.02	49.59 3.56 -5.59	49.84 3.29 -6.39	48.03 3.12 -5.40	44.38 3.02 -3.20	41.01 3.04 -0.01	43.90 3.04 -2.37	44.61 3.09 -0.89	49.45 3.23 -0.66	62.81 2.96 -7.86	72.49 3.47 -13.98	68.59 2.91 -10.86	59.00 2.70 -3.46	55.86 2.78 -1.54	54.85 2.98 -3.80	47.86 2.92 -0.01	47.54 2.39 0.00
GLENWOOD_IC_2_G1 23688	57.64 4.07 0.00	52.84 3.79 -0.49	47.88 3.42 0.00	43.12 2.93 -3.56	43.59 3.19 0.00	45.08 3.22 0.00	43.92 2.94 -2.22	47.82 3.02 -5.02	49.23 3.19 -5.59	49.51 2.97 -6.39	47.71 2.81 -5.40	44.07 2.71 -3.20	40.70 2.73 -0.01	43.63 2.77 -2.37	44.32 2.80 -0.89	49.18 2.96 -0.66	62.55 2.70 -7.86	72.33 3.30 -13.98	68.80 3.12 -10.86	58.99 2.69 -3.46	55.70 2.63 -1.54	54.51 2.64 -3.80	47.41 2.47 -0.01	47.32 2.17 0.00
GLENWOOD_IC_3_G1 23689	57.64 4.07 0.00	52.84 3.79 -0.49	47.88 3.42 0.00	43.12 2.93 -3.56	43.59 3.19 0.00	45.08 3.22 0.00	43.92 2.94 -2.22	47.82 3.02 -5.02	49.23 3.19 -5.59	49.51 2.97 -6.39	47.71 2.81 -5.40	44.07 2.71 -3.20	40.70 2.73 -0.01	43.63 2.77 -2.37	44.32 2.80 -0.89	49.18 2.96 -0.66	62.55 2.70 -7.86	72.33 3.30 -13.98	68.80 3.12 -10.86	58.99 2.69 -3.46	55.70 2.63 -1.54	54.51 2.64 -3.80	47.41 2.47 -0.01	47.32 2.17 0.00
GLENWOOD___4 23550	58.01 4.45 0.00	52.98 3.93 -0.49	48.14 3.69 0.00	43.42 3.22 -3.56	43.87 3.47 0.00	45.33 3.47 0.00	44.19 3.22 -2.22	48.22 3.42 -5.02	49.59 3.56 -5.59	49.84 3.29 -6.39	48.03 3.12 -5.40	44.38 3.02 -3.20	41.01 3.04 -0.01	43.90 3.04 -2.37	44.61 3.09 -0.89	49.45 3.23 -0.66	62.86 3.01 -7.86	72.55 3.52 -13.98	68.70 3.02 -10.86	59.05 2.75 -3.46	55.91 2.83 -1.54	54.85 2.98 -3.80	47.86 2.92 -0.01	47.54 2.39 0.00
GLENWOOD___5 23614	58.01 4.45 0.00	52.98 3.93 -0.49	48.14 3.69 0.00	43.42 3.22 -3.56	43.87 3.47 0.00	45.33 3.47 0.00	44.19 3.22 -2.22	48.22 3.42 -5.02	49.59 3.56 -5.59	49.84 3.29 -6.39	48.03 3.12 -5.40	44.38 3.02 -3.20	41.01 3.04 -0.01	43.90 3.04 -2.37	44.61 3.09 -0.89	49.45 3.23 -0.66	62.86 3.01 -7.86	72.55 3.52 -13.98	68.70 3.02 -10.86	59.05 2.75 -3.46	55.91 2.83 -1.54	54.85 2.98 -3.80	47.86 2.92 -0.01	47.54 2.39 0.00
GLOBAL GREEN_PORT_GT1 23814	59.56 6.00 0.00	54.43 5.39 -0.49	49.12 4.67 0.00	44.18 3.99 -3.56	44.84 4.44 0.00	46.46 4.60 0.00	45.24 4.26 -2.22	49.22 4.42 -5.02	50.52 4.49 -5.59	50.76 4.22 -6.39	48.78 3.87 -5.40	45.14 3.78 -3.20	41.65 3.68 -0.01	44.59 3.73 -2.37	45.42 3.90 -0.89	50.46 4.24 -0.66	64.16 4.31 -7.87	74.26 5.23 -13.98	70.67 4.99 -10.86	60.69 4.38 -3.46	57.35 4.28 -1.54	55.86 3.99 -3.80	48.27 3.32 -0.01	48.49 3.34 0.00
GLOBE___DSASP 323697	47.08 -6.48 0.00	42.72 -5.87 -0.04	39.47 -4.98 0.00	32.81 -4.03 -0.21	35.91 -4.48 0.00	37.51 -4.35 0.00	34.43 -4.46 -0.14	34.25 -5.53 0.00	34.46 -5.66 0.32	33.66 -5.06 1.43	34.05 -5.45 0.00	33.17 -5.00 0.00	33.25 -4.71 0.00	33.60 -4.89 0.00	35.75 -4.88 0.00	40.69 -4.88 0.00	47.10 -4.89 0.00	50.31 -4.73 0.00	49.56 -5.26 0.00	47.72 -5.13 0.00	46.33 -5.21 0.00	42.98 -5.10 0.00	40.57 -4.36 0.00	41.54 -3.61 0.00
GOETHSLN___LBMP 323567	57.53 3.96 0.00	52.64 3.59 -0.49	47.79 3.33 0.00	43.05 2.86 -3.56	43.43 3.03 0.00	44.91 3.06 0.00	43.75 2.79 -2.21	42.89 3.10 0.00	43.64 3.20 0.00	43.13 2.97 0.00	42.27 2.77 0.00	40.84 2.67 0.00	40.61 2.66 0.00	41.18 2.69 0.00	43.31 2.68 0.00	48.34 2.78 0.00	54.27 2.29 0.00	57.74 2.70 0.00	56.96 2.14 0.00	54.75 1.90 0.00	53.65 2.11 0.00	50.43 2.36 0.00	47.27 2.34 0.00	47.18 2.03 0.00
GOLAH___69_KV_TB 1_2 80279	49.82 -3.75 0.00	45.24 -3.35 -0.04	41.48 -2.98 0.00	34.57 -2.27 -0.22	37.81 -2.59 0.00	39.35 -2.51 0.00	36.49 -2.40 -0.14	36.76 -3.02 0.00	37.23 -3.15 0.06	36.84 -3.05 0.26	36.46 -3.04 0.00	35.38 -2.79 0.00	35.26 -2.69 0.00	35.72 -2.77 0.00	37.90 -2.72 0.00	43.01 -2.55 0.00	49.69 -2.29 0.00	53.12 -1.93 0.00	52.41 -2.41 0.00	50.41 -2.43 0.00	49.01 -2.53 0.00	45.53 -2.55 0.00	42.59 -2.34 0.00	43.21 -1.94 0.00

GOODYEAR_LAKE_HYD 323669	55.60 2.04 0.00	50.51 1.80 -0.16	46.10 1.64 0.00	39.07 1.28 -1.16	41.93 1.54 0.00	43.49 1.63 0.00	40.94 1.47 -0.72	41.46 1.67 0.00	42.22 1.78 0.00	41.84 1.69 0.00	41.09 1.58 0.00	39.58 1.41 0.00	39.32 1.37 0.00	39.87 1.39 0.00	42.09 1.46 0.00	47.29 1.73 0.00	54.17 2.18 0.00	57.74 2.70 0.00	57.07 2.25 0.00	54.90 2.06 0.00	53.45 1.91 0.00	49.76 1.68 0.00	46.41 1.48 0.00	46.55 1.40 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	52.98 -0.59 0.00	48.04 -0.68 -0.17	44.14 -0.31 0.00	37.35 -0.48 -1.20	40.11 -0.28 0.00	41.69 -0.17 0.00	39.07 -0.43 -0.74	39.55 -0.24 0.00	40.24 -0.20 0.00	39.96 -0.20 0.00	39.11 -0.40 0.00	37.82 -0.34 0.00	37.65 -0.30 0.00	38.18 -0.31 0.00	40.42 -0.20 0.00	45.56 0.00 0.00	52.24 0.26 0.00	55.65 0.61 0.00	55.04 0.22 0.00	52.90 0.05 0.00	51.54 0.00 0.00	47.93 -0.14 0.00	44.79 -0.13 0.00	45.06 -0.09 0.00
GOUDEY___7 23579	52.98 -0.59 0.00	48.04 -0.68 -0.17	44.14 -0.31 0.00	37.35 -0.48 -1.20	40.11 -0.28 0.00	41.69 -0.17 0.00	39.07 -0.43 -0.74	39.55 -0.24 0.00	40.24 -0.20 0.00	39.96 -0.20 0.00	39.11 -0.40 0.00	37.82 -0.34 0.00	37.65 -0.30 0.00	38.18 -0.31 0.00	40.42 -0.20 0.00	45.56 0.00 0.00	52.24 0.26 0.00	55.65 0.61 0.00	55.04 0.22 0.00	52.90 0.05 0.00	51.54 0.00 0.00	47.93 -0.14 0.00	44.79 -0.13 0.00	45.06 -0.09 0.00
GOUDEY___8 23580	52.98 -0.59 0.00	48.04 -0.68 -0.17	44.14 -0.31 0.00	37.35 -0.48 -1.20	40.11 -0.28 0.00	41.69 -0.17 0.00	39.07 -0.43 -0.74	39.55 -0.24 0.00	40.24 -0.20 0.00	39.96 -0.20 0.00	39.11 -0.40 0.00	37.82 -0.34 0.00	37.65 -0.30 0.00	38.18 -0.31 0.00	40.42 -0.20 0.00	45.56 0.00 0.00	52.24 0.26 0.00	55.65 0.61 0.00	55.04 0.22 0.00	52.90 0.05 0.00	51.54 0.00 0.00	47.93 -0.14 0.00	44.79 -0.13 0.00	45.06 -0.09 0.00
GOWANUS_GT1_1 24077	58.17 4.61 0.00	53.08 4.03 -0.49	48.42 3.96 -0.01	43.53 3.33 -3.57	44.04 3.64 -0.01	45.42 3.56 0.00	44.02 3.06 -2.21	42.93 3.14 0.00	43.56 3.11 0.00	43.01 2.85 0.00	42.19 2.69 0.00	40.76 2.60 0.00	40.46 2.51 0.00	41.11 2.62 0.00	43.15 2.52 0.00	48.11 2.55 0.00	54.05 2.08 0.01	57.57 2.53 0.00	56.78 1.97 0.01	54.63 1.80 0.01	53.50 1.96 0.00	50.33 2.26 0.00	47.53 2.61 0.00	47.72 2.57 0.00
GOWANUS_GT1_2 24078	58.17 4.61 0.00	53.08 4.03 -0.49	48.42 3.96 -0.01	43.53 3.33 -3.57	44.04 3.64 -0.01	45.42 3.56 0.00	44.02 3.06 -2.21	42.93 3.14 0.00	43.56 3.11 0.00	43.01 2.85 0.00	42.19 2.69 0.00	40.76 2.60 0.00	40.46 2.51 0.00	41.11 2.62 0.00	43.15 2.52 0.00	48.11 2.55 0.00	54.05 2.08 0.01	57.57 2.53 0.00	56.78 1.97 0.01	54.63 1.80 0.01	53.50 1.96 0.00	50.33 2.26 0.00	47.53 2.61 0.00	47.72 2.57 0.00
GOWANUS_GT1_3 24079	58.17 4.61 0.00	53.08 4.03 -0.49	48.42 3.96 -0.01	43.53 3.33 -3.57	44.04 3.64 -0.01	45.42 3.56 0.00	44.02 3.06 -2.21	42.93 3.14 0.00	43.56 3.11 0.00	43.01 2.85 0.00	42.19 2.69 0.00	40.76 2.60 0.00	40.46 2.51 0.00	41.11 2.62 0.00	43.15 2.52 0.00	48.11 2.55 0.00	54.05 2.08 0.01	57.57 2.53 0.00	56.78 1.97 0.01	54.63 1.80 0.01	53.50 1.96 0.00	50.33 2.26 0.00	47.53 2.61 0.00	47.72 2.57 0.00
GOWANUS_GT1_4 24080	58.17 4.61 0.00	53.08 4.03 -0.49	48.42 3.96 -0.01	43.53 3.33 -3.57	44.04 3.64 -0.01	45.42 3.56 0.00	44.02 3.06 -2.21	42.93 3.14 0.00	43.56 3.11 0.00	43.01 2.85 0.00	42.19 2.69 0.00	40.76 2.60 0.00	40.46 2.51 0.00	41.11 2.62 0.00	43.15 2.52 0.00	48.11 2.55 0.00	54.05 2.08 0.01	57.57 2.53 0.00	56.78 1.97 0.01	54.63 1.80 0.01	53.50 1.96 0.00	50.33 2.26 0.00	47.53 2.61 0.00	47.72 2.57 0.00
GOWANUS_GT1_5 24084	58.17 4.61 0.00	53.08 4.03 -0.49	48.42 3.96 -0.01	43.53 3.33 -3.57	44.04 3.64 -0.01	45.42 3.56 0.00	44.02 3.06 -2.21	42.93 3.14 0.00	43.56 3.11 0.00	43.01 2.85 0.00	42.19 2.69 0.00	40.76 2.60 0.00	40.46 2.51 0.00	41.11 2.62 0.00	43.15 2.52 0.00	48.11 2.55 0.00	54.05 2.08 0.01	57.57 2.53 0.00	56.78 1.97 0.01	54.63 1.80 0.01	53.50 1.96 0.00	50.33 2.26 0.00	47.53 2.61 0.00	47.72 2.57 0.00
GOWANUS_GT1_6 24111	58.17 4.61 0.00	53.08 4.03 -0.49	48.42 3.96 -0.01	43.53 3.33 -3.57	44.04 3.64 -0.01	45.42 3.56 0.00	44.02 3.06 -2.21	42.93 3.14 0.00	43.56 3.11 0.00	43.01 2.85 0.00	42.19 2.69 0.00	40.76 2.60 0.00	40.46 2.51 0.00	41.11 2.62 0.00	43.15 2.52 0.00	48.11 2.55 0.00	54.05 2.08 0.01	57.57 2.53 0.00	56.78 1.97 0.01	54.63 1.80 0.01	53.50 1.96 0.00	50.33 2.26 0.00	47.53 2.61 0.00	47.72 2.57 0.00
GOWANUS_GT1_7 24112	58.17 4.61 0.00	53.08 4.03 -0.49	48.42 3.96 -0.01	43.53 3.33 -3.57	44.04 3.64 -0.01	45.42 3.56 0.00	44.02 3.06 -2.21	42.93 3.14 0.00	43.56 3.11 0.00	43.01 2.85 0.00	42.19 2.69 0.00	40.76 2.60 0.00	40.46 2.51 0.00	41.11 2.62 0.00	43.15 2.52 0.00	48.11 2.55 0.00	54.05 2.08 0.01	57.57 2.53 0.00	56.78 1.97 0.01	54.63 1.80 0.01	53.50 1.96 0.00	50.33 2.26 0.00	47.53 2.61 0.00	47.72 2.57 0.00
GOWANUS_GT1_8 24113	58.17 4.61 0.00	53.08 4.03 -0.49	48.42 3.96 -0.01	43.53 3.33 -3.57	44.04 3.64 -0.01	45.42 3.56 0.00	44.02 3.06 -2.21	42.93 3.14 0.00	43.56 3.11 0.00	43.01 2.85 0.00	42.19 2.69 0.00	40.76 2.60 0.00	40.46 2.51 0.00	41.11 2.62 0.00	43.15 2.52 0.00	48.11 2.55 0.00	54.05 2.08 0.01	57.57 2.53 0.00	56.78 1.97 0.01	54.63 1.80 0.01	53.50 1.96 0.00	50.33 2.26 0.00	47.53 2.61 0.00	47.72 2.57 0.00
GOWANUS_GT2_1 24114	58.07 4.50 0.00	53.22 4.18 -0.49	48.37 3.91 -0.01	43.46 3.26 -3.57	43.96 3.56 -0.01	45.38 3.52 0.00	43.99 3.02 -2.21	42.77 2.99 0.00	43.48 3.03 0.00	42.97 2.81 0.00	42.15 2.65 0.00	40.72 2.56 0.00	40.42 2.47 0.00	41.11 2.62 0.00	43.11 2.48 0.00	48.07 2.50 0.00	54.00 2.03 0.01	57.68 2.64 0.00	57.28 2.47 0.01	54.84 2.01 0.01	53.55 2.01 0.00	50.19 2.11 0.00	47.35 2.42 0.00	47.45 2.30 0.00
GOWANUS_GT2_2 24115	58.07 4.50 0.00	53.22 4.18 -0.49	48.37 3.91 -0.01	43.46 3.26 -3.57	43.96 3.56 -0.01	45.38 3.52 0.00	43.99 3.02 -2.21	42.77 2.99 0.00	43.48 3.03 0.00	42.97 2.81 0.00	42.15 2.65 0.00	40.72 2.56 0.00	40.42 2.47 0.00	41.11 2.62 0.00	43.11 2.48 0.00	48.07 2.50 0.00	54.00 2.03 0.01	57.68 2.64 0.00	57.28 2.47 0.01	54.84 2.01 0.01	53.55 2.01 0.00	50.19 2.11 0.00	47.35 2.42 0.00	47.45 2.30 0.00
GOWANUS_GT2_3 24116	58.07 4.50 0.00	53.22 4.18 -0.49	48.37 3.91 -0.01	43.46 3.26 -3.57	43.96 3.56 -0.01	45.38 3.52 0.00	43.99 3.02 -2.21	42.77 2.99 0.00	43.48 3.03 0.00	42.97 2.81 0.00	42.15 2.65 0.00	40.72 2.56 0.00	40.42 2.47 0.00	41.11 2.62 0.00	43.11 2.48 0.00	48.07 2.50 0.00	54.00 2.03 0.01	57.68 2.64 0.00	57.28 2.47 0.01	54.84 2.01 0.01	53.55 2.01 0.00	50.19 2.11 0.00	47.35 2.42 0.00	47.45 2.30 0.00

GOWANUS_GT2_4 24117	58.07 4.50 0.00	53.22 4.18 -0.49	48.37 3.91 -0.01	43.46 3.26 -3.57	43.96 3.56 -0.01	45.38 3.52 0.00	43.99 3.02 -2.21	42.77 2.99 0.00	43.48 3.03 0.00	42.97 2.81 0.00	42.15 2.65 0.00	40.72 2.56 0.00	40.42 2.47 0.00	41.11 2.62 0.00	43.11 2.48 0.00	48.07 2.50 0.00	54.00 2.03 0.01	57.68 2.64 0.00	57.28 2.47 0.01	54.84 2.01 0.01	53.55 2.01 0.00	50.19 2.11 0.00	47.35 2.42 0.00	47.45 2.30 0.00
GOWANUS_GT2_5 24118	58.07 4.50 0.00	53.22 4.18 -0.49	48.37 3.91 -0.01	43.46 3.26 -3.57	43.96 3.56 -0.01	45.38 3.52 0.00	43.99 3.02 -2.21	42.77 2.99 0.00	43.48 3.03 0.00	42.97 2.81 0.00	42.15 2.65 0.00	40.72 2.56 0.00	40.42 2.47 0.00	41.11 2.62 0.00	43.11 2.48 0.00	48.07 2.50 0.00	54.00 2.03 0.01	57.68 2.64 0.00	57.28 2.47 0.01	54.84 2.01 0.01	53.55 2.01 0.00	50.19 2.11 0.00	47.35 2.42 0.00	47.45 2.30 0.00
GOWANUS_GT2_6 24119	58.07 4.50 0.00	53.22 4.18 -0.49	48.37 3.91 -0.01	43.46 3.26 -3.57	43.96 3.56 -0.01	45.38 3.52 0.00	43.99 3.02 -2.21	42.77 2.99 0.00	43.48 3.03 0.00	42.97 2.81 0.00	42.15 2.65 0.00	40.72 2.56 0.00	40.42 2.47 0.00	41.11 2.62 0.00	43.11 2.48 0.00	48.07 2.50 0.00	54.00 2.03 0.01	57.68 2.64 0.00	57.28 2.47 0.01	54.84 2.01 0.01	53.55 2.01 0.00	50.19 2.11 0.00	47.35 2.42 0.00	47.45 2.30 0.00
GOWANUS_GT2_7 24120	58.07 4.50 0.00	53.22 4.18 -0.49	48.37 3.91 -0.01	43.46 3.26 -3.57	43.96 3.56 -0.01	45.38 3.52 0.00	43.99 3.02 -2.21	42.77 2.99 0.00	43.48 3.03 0.00	42.97 2.81 0.00	42.15 2.65 0.00	40.72 2.56 0.00	40.42 2.47 0.00	41.11 2.62 0.00	43.11 2.48 0.00	48.07 2.50 0.00	54.00 2.03 0.01	57.68 2.64 0.00	57.28 2.47 0.01	54.84 2.01 0.01	53.55 2.01 0.00	50.19 2.11 0.00	47.35 2.42 0.00	47.45 2.30 0.00
GOWANUS_GT2_8 24121	58.07 4.50 0.00	53.22 4.18 -0.49	48.37 3.91 -0.01	43.46 3.26 -3.57	43.96 3.56 -0.01	45.38 3.52 0.00	43.99 3.02 -2.21	42.77 2.99 0.00	43.48 3.03 0.00	42.97 2.81 0.00	42.15 2.65 0.00	40.72 2.56 0.00	40.42 2.47 0.00	41.11 2.62 0.00	43.11 2.48 0.00	48.07 2.50 0.00	54.00 2.03 0.01	57.68 2.64 0.00	57.28 2.47 0.01	54.84 2.01 0.01	53.55 2.01 0.00	50.19 2.11 0.00	47.35 2.42 0.00	47.45 2.30 0.00
GOWANUS_GT3_1 24122	58.12 4.55 0.00	53.27 4.22 -0.49	48.37 3.91 -0.01	43.46 3.26 -3.57	44.00 3.59 -0.01	45.41 3.56 0.00	44.02 3.06 -2.21	42.81 3.02 0.00	43.48 3.03 0.00	42.97 2.81 0.00	42.19 2.69 0.00	40.76 2.60 0.00	40.46 2.50 0.00	41.11 2.62 0.00	43.15 2.52 0.00	48.11 2.55 0.00	54.06 2.08 0.01	57.74 2.70 0.00	57.28 2.47 0.01	54.90 2.06 0.01	53.55 2.01 0.00	50.24 2.17 0.00	47.40 2.47 0.00	47.45 2.30 0.00
GOWANUS_GT3_2 24123	58.12 4.55 0.00	53.27 4.22 -0.49	48.37 3.91 -0.01	43.46 3.26 -3.57	44.00 3.59 -0.01	45.41 3.56 0.00	44.02 3.06 -2.21	42.81 3.02 0.00	43.48 3.03 0.00	42.97 2.81 0.00	42.19 2.69 0.00	40.76 2.60 0.00	40.46 2.50 0.00	41.11 2.62 0.00	43.15 2.52 0.00	48.11 2.55 0.00	54.06 2.08 0.01	57.74 2.70 0.00	57.28 2.47 0.01	54.90 2.06 0.01	53.55 2.01 0.00	50.24 2.17 0.00	47.40 2.47 0.00	47.45 2.30 0.00
GOWANUS_GT3_3 24124	58.12 4.55 0.00	53.27 4.22 -0.49	48.37 3.91 -0.01	43.46 3.26 -3.57	44.00 3.59 -0.01	45.41 3.56 0.00	44.02 3.06 -2.21	42.81 3.02 0.00	43.48 3.03 0.00	42.97 2.81 0.00	42.19 2.69 0.00	40.76 2.60 0.00	40.46 2.50 0.00	41.11 2.62 0.00	43.15 2.52 0.00	48.11 2.55 0.00	54.06 2.08 0.01	57.74 2.70 0.00	57.28 2.47 0.01	54.90 2.06 0.01	53.55 2.01 0.00	50.24 2.17 0.00	47.40 2.47 0.00	47.45 2.30 0.00
GOWANUS_GT3_4 24125	58.12 4.55 0.00	53.27 4.22 -0.49	48.37 3.91 -0.01	43.46 3.26 -3.57	44.00 3.59 -0.01	45.41 3.56 0.00	44.02 3.06 -2.21	42.81 3.02 0.00	43.48 3.03 0.00	42.97 2.81 0.00	42.19 2.69 0.00	40.76 2.60 0.00	40.46 2.50 0.00	41.11 2.62 0.00	43.15 2.52 0.00	48.11 2.55 0.00	54.06 2.08 0.01	57.74 2.70 0.00	57.28 2.47 0.01	54.90 2.06 0.01	53.55 2.01 0.00	50.24 2.17 0.00	47.40 2.47 0.00	47.45 2.30 0.00
GOWANUS_GT3_5 24126	58.12 4.55 0.00	53.27 4.22 -0.49	48.37 3.91 -0.01	43.46 3.26 -3.57	44.00 3.59 -0.01	45.41 3.56 0.00	44.02 3.06 -2.21	42.81 3.02 0.00	43.48 3.03 0.00	42.97 2.81 0.00	42.19 2.69 0.00	40.76 2.60 0.00	40.46 2.50 0.00	41.11 2.62 0.00	43.15 2.52 0.00	48.11 2.55 0.00	54.06 2.08 0.01	57.74 2.70 0.00	57.28 2.47 0.01	54.90 2.06 0.01	53.55 2.01 0.00	50.24 2.17 0.00	47.40 2.47 0.00	47.45 2.30 0.00
GOWANUS_GT3_6 24127	58.12 4.55 0.00	53.27 4.22 -0.49	48.37 3.91 -0.01	43.46 3.26 -3.57	44.00 3.59 -0.01	45.41 3.56 0.00	44.02 3.06 -2.21	42.81 3.02 0.00	43.48 3.03 0.00	42.97 2.81 0.00	42.19 2.69 0.00	40.76 2.60 0.00	40.46 2.50 0.00	41.11 2.62 0.00	43.15 2.52 0.00	48.11 2.55 0.00	54.06 2.08 0.01	57.74 2.70 0.00	57.28 2.47 0.01	54.90 2.06 0.01	53.55 2.01 0.00	50.24 2.17 0.00	47.40 2.47 0.00	47.45 2.30 0.00
GOWANUS_GT3_7 24128	58.12 4.55 0.00	53.27 4.22 -0.49	48.37 3.91 -0.01	43.46 3.26 -3.57	44.00 3.59 -0.01	45.41 3.56 0.00	44.02 3.06 -2.21	42.81 3.02 0.00	43.48 3.03 0.00	42.97 2.81 0.00	42.19 2.69 0.00	40.76 2.60 0.00	40.46 2.50 0.00	41.11 2.62 0.00	43.15 2.52 0.00	48.11 2.55 0.00	54.06 2.08 0.01	57.74 2.70 0.00	57.28 2.47 0.01	54.90 2.06 0.01	53.55 2.01 0.00	50.24 2.17 0.00	47.40 2.47 0.00	47.45 2.30 0.00
GOWANUS_GT3_8 24129	58.12 4.55 0.00	53.27 4.22 -0.49	48.37 3.91 -0.01	43.46 3.26 -3.57	44.00 3.59 -0.01	45.41 3.56 0.00	44.02 3.06 -2.21	42.81 3.02 0.00	43.48 3.03 0.00	42.97 2.81 0.00	42.19 2.69 0.00	40.76 2.60 0.00	40.46 2.50 0.00	41.11 2.62 0.00	43.15 2.52 0.00	48.11 2.55 0.00	54.06 2.08 0.01	57.74 2.70 0.00	57.28 2.47 0.01	54.90 2.06 0.01	53.55 2.01 0.00	50.24 2.17 0.00	47.40 2.47 0.00	47.45 2.30 0.00
GOWANUS_GT4_1 24130	58.12 4.55 0.00	53.08 4.03 -0.49	48.42 3.96 -0.01	43.53 3.33 -3.57	44.00 3.60 -0.01	45.38 3.52 0.00	43.99 3.02 -2.21	42.89 3.10 0.00	43.52 3.07 0.00	43.01 2.85 0.00	42.15 2.65 0.00	40.72 2.56 0.00	40.42 2.47 0.00	41.11 2.62 0.00	43.10 2.48 0.00	48.07 2.51 0.00	54.00 2.03 0.01	57.52 2.48 0.00	56.78 1.97 0.01	54.58 1.74 0.01	53.50 1.96 0.00	50.33 2.26 0.00	47.53 2.61 0.00	47.72 2.57 0.00
GOWANUS_GT4_2 24131	58.12 4.55 0.00	53.08 4.03 -0.49	48.42 3.96 -0.01	43.53 3.33 -3.57	44.00 3.60 -0.01	45.38 3.52 0.00	43.99 3.02 -2.21	42.89 3.10 0.00	43.52 3.07 0.00	43.01 2.85 0.00	42.15 2.65 0.00	40.72 2.56 0.00	40.42 2.47 0.00	41.11 2.62 0.00	43.10 2.48 0.00	48.07 2.51 0.00	54.00 2.03 0.01	57.52 2.48 0.00	56.78 1.97 0.01	54.58 1.74 0.01	53.50 1.96 0.00	50.33 2.26 0.00	47.53 2.61 0.00	47.72 2.57 0.00

GOWANUS_GT4_3 24132	58.12 4.55 0.00	53.08 4.03 -0.49	48.42 3.96 -0.01	43.53 3.33 -3.57	44.00 3.60 -0.01	45.38 3.52 0.00	43.99 3.02 -2.21	42.89 3.10 0.00	43.52 3.07 0.00	43.01 2.85 0.00	42.15 2.65 0.00	40.72 2.56 0.00	40.42 2.47 0.00	41.11 2.62 0.00	43.10 2.48 0.00	48.07 2.51 0.00	54.00 2.03 0.01	57.52 2.48 0.00	56.78 1.97 0.01	54.58 1.74 0.01	53.50 1.96 0.00	50.33 2.26 0.00	47.53 2.61 0.00	47.72 2.57 0.00
GOWANUS_GT4_4 24133	58.12 4.55 0.00	53.08 4.03 -0.49	48.42 3.96 -0.01	43.53 3.33 -3.57	44.00 3.60 -0.01	45.38 3.52 0.00	43.99 3.02 -2.21	42.89 3.10 0.00	43.52 3.07 0.00	43.01 2.85 0.00	42.15 2.65 0.00	40.72 2.56 0.00	40.42 2.47 0.00	41.11 2.62 0.00	43.10 2.48 0.00	48.07 2.51 0.00	54.00 2.03 0.01	57.52 2.48 0.00	56.78 1.97 0.01	54.58 1.74 0.01	53.50 1.96 0.00	50.33 2.26 0.00	47.53 2.61 0.00	47.72 2.57 0.00
GOWANUS_GT4_5 24134	58.12 4.55 0.00	53.08 4.03 -0.49	48.42 3.96 -0.01	43.53 3.33 -3.57	44.00 3.60 -0.01	45.38 3.52 0.00	43.99 3.02 -2.21	42.89 3.10 0.00	43.52 3.07 0.00	43.01 2.85 0.00	42.15 2.65 0.00	40.72 2.56 0.00	40.42 2.47 0.00	41.11 2.62 0.00	43.10 2.48 0.00	48.07 2.51 0.00	54.00 2.03 0.01	57.52 2.48 0.00	56.78 1.97 0.01	54.58 1.74 0.01	53.50 1.96 0.00	50.33 2.26 0.00	47.53 2.61 0.00	47.72 2.57 0.00
GOWANUS_GT4_6 24135	58.12 4.55 0.00	53.08 4.03 -0.49	48.42 3.96 -0.01	43.53 3.33 -3.57	44.00 3.60 -0.01	45.38 3.52 0.00	43.99 3.02 -2.21	42.89 3.10 0.00	43.52 3.07 0.00	43.01 2.85 0.00	42.15 2.65 0.00	40.72 2.56 0.00	40.42 2.47 0.00	41.11 2.62 0.00	43.10 2.48 0.00	48.07 2.51 0.00	54.00 2.03 0.01	57.52 2.48 0.00	56.78 1.97 0.01	54.58 1.74 0.01	53.50 1.96 0.00	50.33 2.26 0.00	47.53 2.61 0.00	47.72 2.57 0.00
GOWANUS_GT4_7 24136	58.12 4.55 0.00	53.08 4.03 -0.49	48.42 3.96 -0.01	43.53 3.33 -3.57	44.00 3.60 -0.01	45.38 3.52 0.00	43.99 3.02 -2.21	42.89 3.10 0.00	43.52 3.07 0.00	43.01 2.85 0.00	42.15 2.65 0.00	40.72 2.56 0.00	40.42 2.47 0.00	41.11 2.62 0.00	43.10 2.48 0.00	48.07 2.51 0.00	54.00 2.03 0.01	57.52 2.48 0.00	56.78 1.97 0.01	54.58 1.74 0.01	53.50 1.96 0.00	50.33 2.26 0.00	47.53 2.61 0.00	47.72 2.57 0.00
GOWANUS_GT4_8 24137	58.12 4.55 0.00	53.08 4.03 -0.49	48.42 3.96 -0.01	43.53 3.33 -3.57	44.00 3.60 -0.01	45.38 3.52 0.00	43.99 3.02 -2.21	42.89 3.10 0.00	43.52 3.07 0.00	43.01 2.85 0.00	42.15 2.65 0.00	40.72 2.56 0.00	40.42 2.47 0.00	41.11 2.62 0.00	43.10 2.48 0.00	48.07 2.51 0.00	54.00 2.03 0.01	57.52 2.48 0.00	56.78 1.97 0.01	54.58 1.74 0.01	53.50 1.96 0.00	50.33 2.26 0.00	47.53 2.61 0.00	47.72 2.57 0.00
GREENBSH_115KV_TB3 55895	55.60 2.04 0.00	51.09 1.89 -0.64	46.23 1.78 0.00	42.72 1.43 -4.66	42.05 1.66 0.00	43.53 1.67 0.00	43.23 1.59 -2.89	41.30 1.51 0.00	42.10 1.66 0.00	41.72 1.57 0.00	40.97 1.46 0.00	39.58 1.41 0.00	39.36 1.40 0.00	39.87 1.39 0.00	42.05 1.42 0.00	46.70 1.14 0.00	53.07 1.09 0.00	56.36 1.32 0.00	55.81 0.99 0.00	53.74 0.90 0.00	52.47 0.93 0.00	48.94 0.87 0.00	45.78 0.85 0.00	46.28 1.13 0.00
GREENIDGE_115KV_TB5 80291	51.48 -2.09 0.00	46.85 -1.70 0.00	43.21 -1.24 0.00	34.98 -1.25 0.40	39.27 -1.13 0.00	40.94 -0.92 0.00	37.48 -1.05 0.22	38.83 -0.95 0.00	39.98 -1.01 -0.55	41.55 -1.04 -2.43	38.32 -1.19 0.00	37.06 -1.11 0.00	36.89 -1.06 0.00	37.45 -1.04 0.00	39.81 -0.81 0.00	45.20 -0.36 0.00	51.83 -0.16 0.00	55.43 0.39 0.00	54.71 -0.11 0.00	52.47 -0.37 0.00	50.97 -0.57 0.00	47.59 -0.48 0.00	44.43 -0.49 0.00	44.79 -0.36 0.00
GREENIDGE___3 23582	51.48 -2.09 0.00	46.85 -1.70 0.00	43.21 -1.24 0.00	34.98 -1.25 0.40	39.27 -1.13 0.00	40.94 -0.92 0.00	37.48 -1.05 0.22	38.83 -0.95 0.00	39.98 -1.01 -0.55	41.55 -1.04 -2.43	38.32 -1.19 0.00	37.06 -1.11 0.00	36.89 -1.06 0.00	37.45 -1.04 0.00	39.81 -0.81 0.00	45.20 -0.36 0.00	51.83 -0.16 0.00	55.43 0.39 0.00	54.71 -0.11 0.00	52.47 -0.37 0.00	50.97 -0.57 0.00	47.59 -0.48 0.00	44.43 -0.49 0.00	44.79 -0.36 0.00
GREENIDGE___4 23583	51.53 -2.04 0.00	47.04 -1.51 0.00	43.26 -1.20 0.00	34.98 -1.25 0.40	39.27 -1.13 0.00	40.94 -0.92 0.00	37.48 -1.04 0.22	38.91 -0.88 0.00	40.02 -0.97 -0.55	41.55 -1.04 -2.43	38.32 -1.18 0.00	37.06 -1.11 0.00	36.89 -1.06 0.00	37.45 -1.04 0.00	39.77 -0.86 0.00	45.11 -0.46 0.00	51.77 -0.21 0.00	55.37 0.33 0.00	54.87 0.05 0.00	52.05 -0.79 0.00	50.87 -0.67 0.00	47.21 -0.86 0.00	44.44 -0.49 0.00	44.43 -0.72 0.00
GREENLWN_69_KV_BK 3 55738	58.65 5.09 0.00	53.56 4.52 -0.49	48.68 4.22 0.00	43.96 3.77 -3.56	44.44 4.04 0.00	45.92 4.06 0.00	44.77 3.80 -2.22	48.78 3.98 -5.02	50.16 4.13 -5.59	50.40 3.86 -6.39	48.55 3.63 -5.41	44.88 3.51 -3.20	41.54 3.57 -0.01	44.44 3.58 -2.37	45.18 3.66 -0.90	50.14 3.92 -0.66	63.75 3.90 -7.87	73.38 4.35 -13.99	69.52 3.84 -10.87	59.90 3.59 -3.46	56.79 3.71 -1.54	55.48 3.61 -3.80	48.54 3.59 -0.01	48.00 2.84 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	58.17 4.61 0.00	53.08 4.03 -0.49	48.42 3.96 -0.01	43.53 3.33 -3.57	44.04 3.64 -0.01	45.42 3.56 0.00	44.02 3.06 -2.21	42.93 3.14 0.00	43.56 3.11 0.00	43.01 2.85 0.00	42.19 2.69 0.00	40.76 2.60 0.00	40.46 2.51 0.00	41.11 2.62 0.00	43.15 2.52 0.00	48.11 2.55 0.00	54.05 2.08 0.01	57.57 2.53 0.00	56.78 1.97 0.01	54.63 1.80 0.01	53.50 1.96 0.00	50.33 2.26 0.00	47.53 2.61 0.00	47.72 2.57 0.00
GRISSOM___SOLAR 323813	57.10 3.53 0.00	52.42 3.15 -0.71	47.21 2.76 0.00	43.96 2.20 -5.14	42.94 2.55 0.00	44.46 2.60 0.00	44.54 2.60 -3.19	42.33 2.55 0.00	43.23 2.79 0.00	42.69 2.53 0.00	41.76 2.25 0.00	40.15 1.98 0.00	39.82 1.86 0.00	40.37 1.89 0.00	42.66 2.03 0.00	48.07 2.50 0.00	55.21 3.22 0.00	59.06 4.02 0.00	58.65 3.84 0.00	56.28 3.43 0.00	54.79 3.25 0.00	50.86 2.79 0.00	47.31 2.38 0.00	47.54 2.39 0.00
GROVEVILLE___HYD 323602	57.64 4.07 0.00	52.79 3.74 -0.49	47.92 3.47 0.00	43.16 2.97 -3.57	43.59 3.19 0.00	45.08 3.22 0.00	43.87 2.91 -2.21	42.81 3.02 0.00	43.68 3.24 0.00	43.09 2.93 0.00	42.19 2.69 0.00	40.72 2.56 0.00	40.54 2.58 0.00	41.11 2.62 0.00	43.35 2.72 0.00	48.48 2.92 0.00	54.94 2.96 0.00	58.51 3.47 0.00	57.72 2.91 0.00	55.49 2.64 0.00	54.27 2.73 0.00	50.67 2.60 0.00	47.44 2.52 0.00	47.45 2.30 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	52.49 -1.07 0.00	47.59 -1.02 -0.05	43.61 -0.84 0.00	36.31 -0.70 -0.38	39.67 -0.73 0.00	41.19 -0.67 0.00	38.37 -0.62 -0.24	39.19 -0.60 0.00	39.84 -0.61 0.00	39.55 -0.60 0.00	38.87 -0.63 0.00	37.55 -0.61 0.00	37.31 -0.65 0.00	37.83 -0.65 0.00	40.06 -0.57 0.00	45.06 -0.50 0.00	51.62 -0.36 0.00	54.88 -0.17 0.00	54.33 -0.49 0.00	52.26 -0.58 0.00	50.87 -0.67 0.00	47.31 -0.77 0.00	44.12 -0.81 0.00	44.34 -0.81 0.00

HAMLTNNY_34_KV_TB 80303	52.44 -1.12 0.00	47.54 -1.07 -0.06	43.56 -0.89 0.00	36.30 -0.73 -0.41	39.63 -0.77 0.00	41.19 -0.67 0.00	38.35 -0.66 -0.25	39.15 -0.64 0.00	39.80 -0.65 0.00	39.51 -0.64 0.00	38.80 -0.71 0.00	37.52 -0.65 0.00	37.27 -0.68 0.00	37.80 -0.69 0.00	40.02 -0.61 0.00	45.06 -0.50 0.00	51.67 -0.31 0.00	54.93 -0.11 0.00	54.38 -0.44 0.00	52.26 -0.58 0.00	50.92 -0.62 0.00	47.31 -0.77 0.00	44.12 -0.81 0.00	44.38 -0.77 0.00
HAMPSHIRE___PAPER_HYD 323593	52.82 -0.75 0.00	47.89 -0.68 -0.01	43.65 -0.80 0.00	36.03 -0.70 -0.10	39.59 -0.81 0.00	40.85 -1.01 0.00	37.81 -1.01 -0.06	38.95 -0.84 0.00	43.87 -0.89 -4.32	43.87 -0.68 -4.39	44.21 -0.40 -5.10	39.71 -0.50 -2.05	37.46 -0.49 0.00	38.07 -0.42 0.00	39.94 -0.69 0.00	44.88 -0.68 0.00	51.72 -0.26 0.00	54.77 -0.27 0.00	54.65 -0.16 0.00	53.06 0.21 0.00	51.59 0.05 0.00	48.08 0.00 0.00	44.93 0.00 0.00	45.29 0.14 0.00
HARDSCRABBLE_WT_PWR 323673	54.91 1.34 0.00	49.72 1.16 0.00	45.48 1.02 0.00	37.36 0.73 0.00	41.16 0.77 0.00	42.61 0.75 0.00	39.33 0.58 0.00	40.30 0.52 0.00	40.93 0.49 0.00	40.56 0.40 0.00	39.90 0.40 0.00	38.51 0.34 0.00	38.22 0.27 0.00	38.80 0.31 0.00	40.91 0.29 0.00	45.88 0.32 0.00	52.40 0.41 0.00	55.81 0.77 0.00	55.64 0.82 0.00	53.74 0.90 0.00	52.57 1.03 0.00	49.28 1.20 0.00	46.10 1.17 0.00	46.37 1.22 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	56.83 3.27 0.00	51.98 2.96 -0.46	47.25 2.80 0.00	42.35 2.38 -3.35	42.94 2.55 0.00	44.45 2.60 0.00	43.15 2.33 -2.07	42.25 2.47 0.00	43.07 2.63 0.00	42.53 2.37 0.00	41.68 2.17 0.00	40.26 2.10 0.00	40.08 2.13 0.00	40.61 2.12 0.00	42.82 2.19 0.00	47.84 2.28 0.00	54.17 2.18 0.00	57.68 2.64 0.00	56.96 2.14 0.00	54.75 1.90 0.00	53.55 2.01 0.00	50.09 2.02 0.00	46.86 1.93 0.00	46.87 1.72 0.00
HARSNRAD_115KV_TB1 81005	47.83 -5.73 0.00	43.35 -5.24 -0.04	40.05 -4.40 0.00	33.17 -3.66 -0.21	36.48 -3.92 0.00	38.09 -3.77 0.00	34.86 -4.03 -0.13	34.93 -4.85 0.00	35.19 -4.93 0.32	34.18 -4.58 1.40	34.69 -4.82 0.00	33.78 -4.39 0.00	33.82 -4.14 0.00	34.25 -4.23 0.00	36.48 -4.14 0.00	41.55 -4.01 0.00	48.19 -3.79 0.00	51.52 -3.52 0.00	50.76 -4.06 0.00	48.88 -3.96 0.00	47.42 -4.12 0.00	43.99 -4.09 0.00	41.42 -3.50 0.00	42.35 -2.80 0.00
HARZA MOOSE___RIVER 24016	53.83 0.27 0.00	48.76 0.19 -0.02	44.54 0.09 0.00	36.79 0.04 -0.12	40.52 0.12 0.00	41.98 0.13 0.00	38.91 0.08 -0.08	40.06 0.28 0.00	41.93 0.28 -1.20	41.74 0.36 -1.22	41.36 0.43 -1.42	39.04 0.31 -0.57	38.22 0.27 0.00	38.80 0.31 0.00	40.91 0.28 0.00	45.97 0.41 0.00	53.07 1.09 0.00	56.53 1.49 0.00	56.08 1.26 0.00	54.16 1.32 0.00	52.62 1.08 0.00	48.99 0.91 0.00	45.60 0.67 0.00	45.83 0.68 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	52.12 -1.45 0.00	47.24 -1.36 -0.05	43.30 -1.16 0.00	36.06 -0.92 -0.35	39.43 -0.97 0.00	40.94 -0.92 0.00	38.11 -0.85 -0.21	38.91 -0.88 0.00	39.55 -0.89 0.00	39.23 -0.92 0.00	38.56 -0.95 0.00	37.25 -0.92 0.00	37.05 -0.91 0.00	37.56 -0.92 0.00	39.77 -0.85 0.00	44.65 -0.91 0.00	51.15 -0.83 0.00	54.38 -0.66 0.00	53.83 -0.99 0.00	51.79 -1.06 0.00	50.46 -1.08 0.00	46.92 -1.15 0.00	43.76 -1.17 0.00	44.02 -1.13 0.00
HELLGATE_13_KV_LD 55870	58.02 4.45 0.00	53.03 3.98 -0.50	48.24 3.78 -0.01	43.39 3.19 -3.57	43.84 3.43 -0.01	45.30 3.43 0.00	44.02 3.06 -2.21	43.05 3.26 0.00	43.72 3.28 0.00	43.17 3.01 0.00	42.35 2.84 0.00	40.91 2.75 0.00	40.58 2.62 0.00	41.26 2.77 0.00	43.23 2.60 0.00	48.16 2.60 0.00	54.05 2.08 0.01	57.57 2.53 0.00	56.78 1.97 0.01	54.58 1.74 0.01	53.50 1.96 0.00	50.33 2.26 0.00	47.40 2.47 0.00	47.50 2.35 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	58.02 4.45 0.00	53.03 3.98 -0.50	48.24 3.78 -0.01	43.39 3.19 -3.57	43.84 3.43 -0.01	45.30 3.43 0.00	44.02 3.06 -2.21	43.05 3.26 0.00	43.72 3.28 0.00	43.17 3.01 0.00	42.35 2.84 0.00	40.91 2.75 0.00	40.58 2.62 0.00	41.26 2.77 0.00	43.23 2.60 0.00	48.16 2.60 0.00	54.05 2.08 0.01	57.57 2.53 0.00	56.78 1.97 0.01	54.58 1.74 0.01	53.50 1.96 0.00	50.33 2.26 0.00	47.40 2.47 0.00	47.50 2.35 0.00
HEMPSTEAD____ 23647	58.01 4.44 0.00	53.17 4.12 -0.49	48.10 3.65 0.00	43.38 3.19 -3.56	43.87 3.47 0.00	45.38 3.52 0.00	44.15 3.18 -2.22	48.06 3.26 -5.02	49.47 3.44 -5.59	49.76 3.21 -6.39	47.95 3.04 -5.40	44.30 2.94 -3.20	40.97 3.00 -0.01	43.86 3.00 -2.37	44.57 3.05 -0.89	49.45 3.24 -0.66	62.91 3.07 -7.86	72.66 3.63 -13.98	69.19 3.51 -10.86	59.31 3.01 -3.46	56.01 2.94 -1.54	54.80 2.93 -3.80	47.50 2.56 -0.01	47.32 2.17 0.00
HEWLETT_69_KV_BK3 55828	58.44 4.87 0.00	53.37 4.32 -0.49	48.50 4.05 0.00	43.78 3.59 -3.56	44.19 3.80 0.00	45.67 3.81 0.00	44.58 3.60 -2.22	48.54 3.74 -5.02	49.92 3.88 -5.59	50.20 3.65 -6.39	48.35 3.44 -5.40	44.72 3.36 -3.20	41.31 3.34 -0.01	44.24 3.39 -2.37	44.93 3.41 -0.89	49.86 3.64 -0.66	63.43 3.59 -7.86	73.15 4.13 -13.98	69.30 3.62 -10.86	59.63 3.33 -3.46	56.53 3.45 -1.54	55.24 3.37 -3.80	48.31 3.37 -0.01	47.86 2.71 0.00
HICKLING___1 23621	51.58 -1.98 0.00	46.54 -2.04 -0.03	43.12 -1.33 0.00	34.92 -1.54 0.17	39.19 -1.21 0.00	40.85 -1.00 0.00	37.24 -1.43 0.08	38.63 -1.15 0.00	39.53 -1.09 -0.17	39.85 -1.08 -0.77	38.12 -1.38 0.00	36.91 -1.26 0.00	36.82 -1.14 0.00	37.37 -1.12 0.00	39.73 -0.89 0.00	45.11 -0.46 0.00	52.03 0.05 0.00	55.59 0.55 0.00	54.82 0.00 0.00	52.63 -0.21 0.00	51.23 -0.31 0.00	47.59 -0.48 0.00	44.48 -0.45 0.00	44.88 -0.27 0.00
HICKLING___2 23622	51.58 -1.98 0.00	46.54 -2.04 -0.03	43.12 -1.33 0.00	34.92 -1.54 0.17	39.19 -1.21 0.00	40.85 -1.00 0.00	37.24 -1.43 0.08	38.63 -1.15 0.00	39.53 -1.09 -0.17	39.85 -1.08 -0.77	38.12 -1.38 0.00	36.91 -1.26 0.00	36.82 -1.14 0.00	37.37 -1.12 0.00	39.73 -0.89 0.00	45.11 -0.46 0.00	52.03 0.05 0.00	55.59 0.55 0.00	54.82 0.00 0.00	52.63 -0.21 0.00	51.23 -0.31 0.00	47.59 -0.48 0.00	44.48 -0.45 0.00	44.88 -0.27 0.00
HIGH FALLS___HY 23754	58.07 4.50 0.00	53.32 4.27 -0.49	48.32 3.87 0.00	43.60 3.41 -3.57	43.95 3.55 0.00	45.50 3.64 0.00	44.30 3.33 -2.21	43.17 3.38 0.00	44.04 3.60 0.00	43.33 3.17 0.00	42.39 2.88 0.00	40.84 2.67 0.00	40.69 2.73 0.00	41.26 2.77 0.00	43.59 2.97 0.00	48.84 3.28 0.00	55.52 3.53 0.00	59.17 4.13 0.00	58.33 3.51 0.00	56.01 3.17 0.00	54.84 3.30 0.00	51.15 3.08 0.00	47.89 2.97 0.00	47.77 2.62 0.00
HIGH_RIVER___SOLAR 323847	55.98 2.41 0.00	51.43 2.19 -0.69	46.36 1.91 0.00	43.14 1.54 -4.97	42.17 1.78 0.00	43.66 1.80 0.00	43.58 1.75 -3.08	41.49 1.71 0.00	42.27 1.82 0.00	41.68 1.53 0.00	40.77 1.26 0.00	39.31 1.14 0.00	39.06 1.10 0.00	39.56 1.08 0.00	41.84 1.22 0.00	47.16 1.59 0.00	54.01 2.03 0.00	57.58 2.53 0.00	57.23 2.41 0.00	54.96 2.12 0.00	53.55 2.01 0.00	49.85 1.78 0.00	46.46 1.53 0.00	46.69 1.54 0.00

HILLBURN___GT 23639	56.78 3.21 0.00	51.98 2.96 -0.47	47.17 2.71 0.00	42.33 2.31 -3.39	42.94 2.55 0.00	44.41 2.55 0.00	43.18 2.33 -2.10	42.21 2.43 0.00	42.99 2.55 0.00	42.53 2.37 0.00	41.72 2.21 0.00	40.30 2.14 0.00	40.08 2.12 0.00	40.64 2.15 0.00	42.82 2.19 0.00	47.84 2.28 0.00	54.06 2.08 0.00	57.63 2.59 0.00	57.29 2.47 0.00	54.90 2.06 0.00	53.55 2.01 0.00	50.05 1.97 0.00	46.86 1.93 0.00	46.82 1.67 0.00
HILLSIDE_115KV_TB1 80332	51.32 -2.25 0.00	46.31 -2.28 -0.04	42.94 -1.51 0.00	34.87 -1.68 0.07	39.02 -1.37 0.00	40.65 -1.21 0.00	37.06 -1.67 0.03	38.43 -1.35 0.00	39.30 -1.29 -0.15	39.56 -1.29 -0.69	37.93 -1.58 0.00	36.72 -1.45 0.00	36.63 -1.33 0.00	37.14 -1.35 0.00	39.45 -1.18 0.00	44.70 -0.87 0.00	51.41 -0.57 0.00	54.93 -0.11 0.00	54.16 -0.66 0.00	52.05 -0.79 0.00	50.66 -0.88 0.00	47.11 -0.96 0.00	44.03 -0.90 0.00	44.43 -0.72 0.00
HISHELDN_WT_PWR 323625	48.21 -5.36 0.00	43.79 -4.81 -0.04	40.32 -4.13 0.00	33.04 -3.74 -0.14	36.68 -3.72 0.00	38.34 -3.52 0.00	34.86 -3.99 -0.10	35.65 -4.14 0.00	35.14 -4.25 1.06	31.37 -4.10 4.69	35.20 -4.31 0.00	34.24 -3.93 0.00	34.35 -3.61 0.00	34.87 -3.62 0.00	37.17 -3.45 0.00	42.33 -3.23 0.00	49.23 -2.76 0.00	52.78 -2.26 0.00	52.24 -2.58 0.00	49.09 -3.75 0.00	48.50 -3.04 0.00	45.14 -2.93 0.00	42.50 -2.43 0.00	43.12 -2.03 0.00
HOLTSVILLE_IC_1 23690	58.76 5.19 0.00	53.90 4.85 -0.49	48.68 4.23 0.00	43.85 3.66 -3.56	44.44 4.04 0.00	45.96 4.10 0.00	44.78 3.80 -2.22	48.70 3.90 -5.02	50.08 4.04 -5.59	50.32 3.77 -6.39	48.47 3.56 -5.40	44.80 3.44 -3.20	41.39 3.42 -0.01	44.32 3.47 -2.37	45.10 3.58 -0.89	49.96 3.74 -0.66	63.59 3.74 -7.87	73.43 4.41 -13.98	69.90 4.22 -10.86	60.05 3.75 -3.46	56.74 3.66 -1.54	55.34 3.46 -3.80	47.91 2.96 -0.01	47.68 2.53 0.00
HOLTSVILLE_IC_10 23699	59.14 5.57 0.00	54.14 5.10 -0.49	48.90 4.44 0.00	44.04 3.84 -3.56	44.64 4.24 0.00	46.21 4.35 0.00	44.97 3.99 -2.22	48.90 4.10 -5.02	50.28 4.25 -5.59	50.52 3.98 -6.39	48.70 3.79 -5.40	44.99 3.63 -3.20	41.58 3.61 -0.01	44.51 3.66 -2.37	45.34 3.82 -0.90	50.23 4.01 -0.66	64.01 4.16 -7.87	73.92 4.90 -13.98	70.40 4.72 -10.86	60.48 4.17 -3.46	57.15 4.07 -1.54	55.72 3.85 -3.80	48.18 3.24 -0.01	47.95 2.80 0.00
HOLTSVILLE_IC_2 23691	58.76 5.19 0.00	53.90 4.85 -0.49	48.68 4.23 0.00	43.85 3.66 -3.56	44.44 4.04 0.00	45.96 4.10 0.00	44.78 3.80 -2.22	48.70 3.90 -5.02	50.08 4.04 -5.59	50.32 3.77 -6.39	48.47 3.56 -5.40	44.80 3.44 -3.20	41.39 3.42 -0.01	44.32 3.47 -2.37	45.10 3.58 -0.89	49.96 3.74 -0.66	63.59 3.74 -7.87	73.43 4.41 -13.98	69.90 4.22 -10.86	60.05 3.75 -3.46	56.74 3.66 -1.54	55.34 3.46 -3.80	47.91 2.96 -0.01	47.68 2.53 0.00
HOLTSVILLE_IC_3 23692	58.76 5.19 0.00	53.90 4.85 -0.49	48.68 4.23 0.00	43.85 3.66 -3.56	44.44 4.04 0.00	45.96 4.10 0.00	44.78 3.80 -2.22	48.70 3.90 -5.02	50.08 4.04 -5.59	50.32 3.77 -6.39	48.47 3.56 -5.40	44.80 3.44 -3.20	41.39 3.42 -0.01	44.32 3.47 -2.37	45.10 3.58 -0.89	49.96 3.74 -0.66	63.59 3.74 -7.87	73.43 4.41 -13.98	69.90 4.22 -10.86	60.05 3.75 -3.46	56.74 3.66 -1.54	55.34 3.46 -3.80	47.91 2.96 -0.01	47.68 2.53 0.00
HOLTSVILLE_IC_4 23693	58.76 5.19 0.00	53.90 4.85 -0.49	48.68 4.23 0.00	43.85 3.66 -3.56	44.44 4.04 0.00	45.96 4.10 0.00	44.78 3.80 -2.22	48.70 3.90 -5.02	50.08 4.04 -5.59	50.32 3.77 -6.39	48.47 3.56 -5.40	44.80 3.44 -3.20	41.39 3.42 -0.01	44.32 3.47 -2.37	45.10 3.58 -0.89	49.96 3.74 -0.66	63.59 3.74 -7.87	73.43 4.41 -13.98	69.90 4.22 -10.86	60.05 3.75 -3.46	56.74 3.66 -1.54	55.34 3.46 -3.80	47.91 2.96 -0.01	47.68 2.53 0.00
HOLTSVILLE_IC_5 23694	58.76 5.19 0.00	53.90 4.85 -0.49	48.68 4.23 0.00	43.85 3.66 -3.56	44.44 4.04 0.00	45.96 4.10 0.00	44.78 3.80 -2.22	48.70 3.90 -5.02	50.08 4.04 -5.59	50.32 3.77 -6.39	48.47 3.56 -5.40	44.80 3.44 -3.20	41.39 3.42 -0.01	44.32 3.47 -2.37	45.10 3.58 -0.89	49.96 3.74 -0.66	63.59 3.74 -7.87	73.43 4.41 -13.98	69.90 4.22 -10.86	60.05 3.75 -3.46	56.74 3.66 -1.54	55.34 3.46 -3.80	47.91 2.96 -0.01	47.68 2.53 0.00
HOLTSVILLE_IC_6 23695	59.14 5.57 0.00	54.14 5.10 -0.49	48.90 4.44 0.00	44.04 3.84 -3.56	44.64 4.24 0.00	46.21 4.35 0.00	44.97 3.99 -2.22	48.90 4.10 -5.02	50.28 4.25 -5.59	50.52 3.98 -6.39	48.70 3.79 -5.40	44.99 3.63 -3.20	41.58 3.61 -0.01	44.51 3.66 -2.37	45.34 3.82 -0.90	50.23 4.01 -0.66	64.01 4.16 -7.87	73.92 4.90 -13.98	70.40 4.72 -10.86	60.48 4.17 -3.46	57.15 4.07 -1.54	55.72 3.85 -3.80	48.18 3.24 -0.01	47.95 2.80 0.00
HOLTSVILLE_IC_7 23696	59.14 5.57 0.00	54.14 5.10 -0.49	48.90 4.44 0.00	44.04 3.84 -3.56	44.64 4.24 0.00	46.21 4.35 0.00	44.97 3.99 -2.22	48.90 4.10 -5.02	50.28 4.25 -5.59	50.52 3.98 -6.39	48.70 3.79 -5.40	44.99 3.63 -3.20	41.58 3.61 -0.01	44.51 3.66 -2.37	45.34 3.82 -0.90	50.23 4.01 -0.66	64.01 4.16 -7.87	73.92 4.90 -13.98	70.40 4.72 -10.86	60.48 4.17 -3.46	57.15 4.07 -1.54	55.72 3.85 -3.80	48.18 3.24 -0.01	47.95 2.80 0.00
HOLTSVILLE_IC_8 23697	59.14 5.57 0.00	54.14 5.10 -0.49	48.90 4.44 0.00	44.04 3.84 -3.56	44.64 4.24 0.00	46.21 4.35 0.00	44.97 3.99 -2.22	48.90 4.10 -5.02	50.28 4.25 -5.59	50.52 3.98 -6.39	48.70 3.79 -5.40	44.99 3.63 -3.20	41.58 3.61 -0.01	44.51 3.66 -2.37	45.34 3.82 -0.90	50.23 4.01 -0.66	64.01 4.16 -7.87	73.92 4.90 -13.98	70.40 4.72 -10.86	60.48 4.17 -3.46	57.15 4.07 -1.54	55.72 3.85 -3.80	48.18 3.24 -0.01	47.95 2.80 0.00
HOLTSVILLE_IC_9 23698	59.14 5.57 0.00	54.14 5.10 -0.49	48.90 4.44 0.00	44.04 3.84 -3.56	44.64 4.24 0.00	46.21 4.35 0.00	44.97 3.99 -2.22	48.90 4.10 -5.02	50.28 4.25 -5.59	50.52 3.98 -6.39	48.70 3.79 -5.40	44.99 3.63 -3.20	41.58 3.61 -0.01	44.51 3.66 -2.37	45.34 3.82 -0.90	50.23 4.01 -0.66	64.01 4.16 -7.87	73.92 4.90 -13.98	70.40 4.72 -10.86	60.48 4.17 -3.46	57.15 4.07 -1.54	55.72 3.85 -3.80	48.18 3.24 -0.01	47.95 2.80 0.00
HOMER_HL_115KV_TB2 355744	49.66 -3.91 0.00	44.09 -4.52 -0.05	41.70 -2.76 0.00	33.08 -3.74 -0.19	37.89 -2.50 0.00	39.68 -2.18 0.00	34.85 -4.03 -0.13	36.96 -2.82 0.00	38.11 -2.22 0.11	37.56 -2.13 0.47	36.50 -3.00 0.00	35.49 -2.67 0.00	35.60 -2.35 0.00	36.06 -2.42 0.00	38.47 -2.15 0.00	43.88 -1.69 0.00	50.89 -1.09 0.00	54.55 -0.50 0.00	53.56 -1.26 0.00	51.47 -1.37 0.00	50.15 -1.39 0.00	46.54 -1.54 0.00	43.67 -1.26 0.00	44.34 -0.81 0.00
HOWARD_WT_PWR 323690	48.85 -4.71 0.00	44.44 -4.13 -0.01	40.94 -3.51 0.00	32.88 -3.48 0.27	37.09 -3.31 0.00	38.76 -3.10 0.00	35.24 -3.37 0.15	36.76 -3.03 0.00	38.57 -3.03 -1.16	42.43 -2.89 -5.16	36.38 -3.12 0.00	35.38 -2.78 0.00	35.53 -2.43 0.00	36.22 -2.27 0.00	38.68 -1.95 0.00	44.20 -1.37 0.00	51.56 -0.42 0.00	55.37 0.33 0.00	54.87 0.05 0.00	51.84 -1.01 0.00	50.92 -0.62 0.00	47.30 -0.77 0.00	44.30 -0.63 0.00	44.70 -0.45 0.00

HQ_GEN_CEDARS 23644	53.51 -0.05 0.00	48.55 0.00 0.00	44.28 -0.18 0.00	36.44 -0.18 0.00	40.11 -0.28 0.00	41.48 -0.38 0.00	38.40 -0.35 0.00	39.47 -0.32 0.00	42.10 -0.44 -2.10	42.02 -0.28 -2.14	41.95 -0.04 -2.48	39.12 -0.04 -1.00	37.88 -0.08 0.00	38.49 0.00 0.00	40.50 -0.12 0.00	45.56 0.00 0.00	52.09 0.10 0.00	54.82 -0.22 0.00	55.31 0.49 0.00	53.53 0.69 0.00	52.16 0.62 0.00	48.65 0.58 0.00	45.60 0.67 0.00	45.87 0.72 0.00
HQ_GEN_CEDARS_PROXY 323590	53.51 -0.05 0.00	48.46 -0.10 0.00	44.28 -0.18 0.00	36.45 -0.18 0.00	40.12 -0.28 0.00	41.48 -0.38 0.00	38.40 -0.35 0.00	39.47 -0.32 0.00	42.10 -0.44 -2.10	42.06 -0.24 -2.14	41.95 -0.04 -2.48	39.12 -0.04 -1.00	37.88 -0.08 0.00	38.49 0.00 0.00	40.51 -0.12 0.00	45.56 0.00 0.00	52.09 0.10 0.00	54.71 -0.33 0.00	54.87 0.05 0.00	53.53 0.69 0.00	52.11 0.57 0.00	48.60 0.53 0.00	45.51 0.58 0.00	45.87 0.72 0.00
HQ_GEN_IMPORT 323601	53.41 -0.16 0.00	48.36 -0.19 0.00	44.23 -0.22 0.00	36.45 -0.18 0.00	40.16 -0.24 0.00	41.57 -0.29 0.00	38.52 -0.23 0.00	39.55 -0.24 0.00	40.12 -0.32 0.00	39.96 -0.20 0.00	39.43 -0.08 0.00	38.09 -0.08 0.00	37.88 -0.08 0.00	38.41 -0.08 0.00	40.51 -0.12 0.00	45.52 -0.05 0.00	51.98 0.00 0.00	54.60 -0.44 0.00	54.60 -0.22 0.00	53.16 0.32 0.00	51.75 0.21 0.00	48.32 0.24 0.00	45.20 0.27 0.00	45.47 0.32 0.00
HQ_GEN_WHEEL 23651	53.41 -0.16 0.00	48.36 -0.19 0.00	44.23 -0.22 0.00	36.45 -0.18 0.00	40.16 -0.24 0.00	41.57 -0.29 0.00	38.52 -0.23 0.00	39.55 -0.24 0.00	40.12 -0.32 0.00	39.96 -0.20 0.00	39.43 -0.08 0.00	38.09 -0.08 0.00	37.88 -0.08 0.00	38.41 -0.08 0.00	40.51 -0.12 0.00	45.52 -0.05 0.00	51.98 0.00 0.00	54.60 -0.44 0.00	54.60 -0.22 0.00	53.16 0.32 0.00	51.75 0.21 0.00	48.32 0.24 0.00	45.20 0.27 0.00	45.47 0.32 0.00
HUDSON AVE_GT_3 23810	57.80 4.23 0.00	52.88 3.84 -0.49	48.05 3.60 0.00	43.23 3.04 -3.56	43.67 3.27 0.00	45.12 3.27 0.00	43.95 2.98 -2.21	43.01 3.22 0.00	43.80 3.36 0.00	43.25 3.09 0.00	42.39 2.88 0.00	40.99 2.82 0.00	40.73 2.77 0.00	41.34 2.85 0.00	43.47 2.84 0.00	48.52 2.96 0.00	54.53 2.55 0.00	58.07 3.03 0.00	57.29 2.47 0.00	55.06 2.22 0.00	53.96 2.42 0.00	50.67 2.60 0.00	47.49 2.56 0.00	47.45 2.30 0.00
HUDSON AVE_GT_4 23540	57.80 4.23 0.00	52.88 3.84 -0.49	48.05 3.60 0.00	43.23 3.04 -3.56	43.67 3.27 0.00	45.12 3.27 0.00	43.95 2.98 -2.21	43.01 3.22 0.00	43.80 3.36 0.00	43.25 3.09 0.00	42.39 2.88 0.00	40.99 2.82 0.00	40.73 2.77 0.00	41.34 2.85 0.00	43.47 2.84 0.00	48.52 2.96 0.00	54.53 2.55 0.00	58.07 3.03 0.00	57.29 2.47 0.00	55.06 2.22 0.00	53.96 2.42 0.00	50.67 2.60 0.00	47.49 2.56 0.00	47.45 2.30 0.00
HUDSON AVE_GT_5 23657	57.80 4.23 0.00	52.88 3.84 -0.49	48.05 3.60 0.00	43.23 3.04 -3.56	43.67 3.27 0.00	45.12 3.27 0.00	43.95 2.98 -2.21	43.01 3.22 0.00	43.80 3.36 0.00	43.25 3.09 0.00	42.39 2.88 0.00	40.99 2.82 0.00	40.73 2.77 0.00	41.34 2.85 0.00	43.47 2.84 0.00	48.52 2.96 0.00	54.53 2.55 0.00	58.07 3.03 0.00	57.29 2.47 0.00	55.06 2.22 0.00	53.96 2.42 0.00	50.67 2.60 0.00	47.49 2.56 0.00	47.45 2.30 0.00
HUDSON_AVE_10 24168	57.74 4.18 0.00	52.83 3.79 -0.49	48.01 3.56 0.00	43.19 3.00 -3.56	43.63 3.23 0.00	45.08 3.22 0.00	43.91 2.95 -2.21	43.01 3.22 0.00	43.80 3.36 0.00	43.25 3.09 0.00	42.39 2.88 0.00	40.95 2.79 0.00	40.73 2.77 0.00	41.34 2.85 0.00	43.47 2.84 0.00	48.48 2.92 0.00	54.53 2.55 0.00	58.07 3.03 0.00	57.29 2.47 0.00	55.06 2.22 0.00	53.96 2.42 0.00	50.67 2.60 0.00	47.44 2.52 0.00	47.41 2.26 0.00
HUDSON___115KV_TB 4 355613	56.41 2.84 0.00	51.75 2.57 -0.63	47.03 2.58 0.00	43.10 1.94 -4.53	42.78 2.38 0.00	44.29 2.43 0.00	43.69 2.13 -2.81	41.89 2.11 0.00	42.79 2.35 0.00	42.33 2.17 0.00	41.40 1.90 0.00	39.96 1.79 0.00	39.70 1.75 0.00	40.22 1.73 0.00	42.58 1.95 0.00	47.43 1.87 0.00	54.11 2.13 0.00	57.63 2.59 0.00	57.01 2.19 0.00	54.85 2.01 0.00	53.50 1.96 0.00	49.81 1.73 0.00	46.50 1.57 0.00	47.05 1.90 0.00
HUNTER MOUNT___DRP 323613	56.67 3.11 0.00	51.73 2.57 -0.61	47.21 2.76 0.00	42.96 1.94 -4.39	42.94 2.55 0.00	44.45 2.60 0.00	43.57 2.09 -2.72	41.97 2.19 0.00	42.91 2.47 0.00	42.41 2.25 0.00	41.44 1.94 0.00	39.96 1.79 0.00	39.70 1.75 0.00	40.22 1.73 0.00	42.62 1.99 0.00	47.52 1.96 0.00	54.37 2.39 0.00	57.90 2.86 0.00	57.23 2.41 0.00	55.06 2.22 0.00	53.70 2.16 0.00	49.95 1.87 0.00	46.64 1.71 0.00	47.18 2.03 0.00
HUNTINGTON_RES_REC 323705	58.97 5.41 0.00	54.05 5.00 -0.49	48.81 4.36 0.00	43.97 3.77 -3.56	44.56 4.16 0.00	46.08 4.23 0.00	44.85 3.87 -2.22	48.82 4.02 -5.02	50.20 4.17 -5.59	50.44 3.89 -6.39	48.62 3.71 -5.41	44.95 3.59 -3.20	41.54 3.57 -0.01	44.47 3.62 -2.37	45.26 3.74 -0.90	50.23 4.01 -0.66	63.96 4.11 -7.87	73.81 4.79 -13.99	70.29 4.61 -10.87	60.37 4.07 -3.46	57.05 3.97 -1.54	55.67 3.80 -3.80	48.22 3.28 -0.01	47.95 2.80 0.00
HUNTLEY___63 23557	48.21 -5.36 0.00	43.60 -5.00 -0.04	40.36 -4.09 0.00	33.35 -3.48 -0.21	36.76 -3.64 0.00	38.43 -3.43 0.00	35.05 -3.84 -0.13	35.21 -4.58 0.00	35.45 -4.65 0.34	34.46 -4.18 1.52	35.00 -4.50 0.00	34.08 -4.08 0.00	34.16 -3.80 0.00	34.56 -3.93 0.00	36.81 -3.82 0.00	41.96 -3.60 0.00	48.71 -3.27 0.00	52.07 -2.97 0.00	51.26 -3.56 0.00	49.36 -3.49 0.00	47.93 -3.61 0.00	44.47 -3.61 0.00	41.87 -3.06 0.00	42.76 -2.39 0.00
HUNTLEY___64 23558	48.21 -5.36 0.00	43.60 -5.00 -0.04	40.36 -4.09 0.00	33.35 -3.48 -0.21	36.76 -3.64 0.00	38.43 -3.43 0.00	35.05 -3.84 -0.13	35.21 -4.58 0.00	35.45 -4.65 0.34	34.46 -4.18 1.52	35.00 -4.50 0.00	34.08 -4.08 0.00	34.16 -3.80 0.00	34.56 -3.93 0.00	36.81 -3.82 0.00	41.96 -3.60 0.00	48.71 -3.27 0.00	52.07 -2.97 0.00	51.26 -3.56 0.00	49.36 -3.49 0.00	47.93 -3.61 0.00	44.47 -3.61 0.00	41.87 -3.06 0.00	42.76 -2.39 0.00
HUNTLEY___65 23559	48.21 -5.36 0.00	43.60 -5.00 -0.04	40.36 -4.09 0.00	33.35 -3.48 -0.21	36.76 -3.64 0.00	38.43 -3.43 0.00	35.05 -3.84 -0.13	35.21 -4.58 0.00	35.45 -4.65 0.34	34.46 -4.18 1.52	35.00 -4.50 0.00	34.08 -4.08 0.00	34.16 -3.80 0.00	34.56 -3.93 0.00	36.81 -3.82 0.00	41.96 -3.60 0.00	48.71 -3.27 0.00	52.07 -2.97 0.00	51.26 -3.56 0.00	49.36 -3.49 0.00	47.93 -3.61 0.00	44.47 -3.61 0.00	41.87 -3.06 0.00	42.76 -2.39 0.00
HUNTLEY___66 23560	48.21 -5.36 0.00	43.60 -5.00 -0.04	40.36 -4.09 0.00	33.35 -3.48 -0.21	36.76 -3.64 0.00	38.43 -3.43 0.00	35.05 -3.84 -0.13	35.21 -4.58 0.00	35.45 -4.65 0.34	34.46 -4.18 1.52	35.00 -4.50 0.00	34.08 -4.08 0.00	34.16 -3.80 0.00	34.56 -3.93 0.00	36.81 -3.82 0.00	41.96 -3.60 0.00	48.71 -3.27 0.00	52.07 -2.97 0.00	51.26 -3.56 0.00	49.36 -3.49 0.00	47.93 -3.61 0.00	44.47 -3.61 0.00	41.87 -3.06 0.00	42.76 -2.39 0.00



HUNTLEY___67 23561	48.05 -5.52 0.00	43.50 -5.10 -0.04	40.28 -4.18 0.00	33.24 -3.59 -0.20	36.64 -3.76 0.00	38.30 -3.56 0.00	34.93 -3.95 -0.13	35.13 -4.65 0.00	35.35 -4.69 0.40	33.92 -4.46 1.78	34.92 -4.58 0.00	33.97 -4.20 0.00	34.05 -3.91 0.00	34.45 -4.04 0.00	36.73 -3.90 0.00	41.83 -3.74 0.00	48.45 -3.53 0.00	51.79 -3.25 0.00	51.04 -3.78 0.00	49.14 -3.70 0.00	47.72 -3.81 0.00	44.28 -3.80 0.00	41.69 -3.23 0.00	42.58 -2.57 0.00
HUNTLEY___68 23562	48.05 -5.52 0.00	43.50 -5.10 -0.04	40.28 -4.18 0.00	33.24 -3.59 -0.20	36.64 -3.76 0.00	38.30 -3.56 0.00	34.93 -3.95 -0.13	35.13 -4.65 0.00	35.35 -4.69 0.40	33.92 -4.46 1.78	34.92 -4.58 0.00	33.97 -4.20 0.00	34.05 -3.91 0.00	34.45 -4.04 0.00	36.73 -3.90 0.00	41.83 -3.74 0.00	48.45 -3.53 0.00	51.79 -3.25 0.00	51.04 -3.78 0.00	49.14 -3.70 0.00	47.72 -3.81 0.00	44.28 -3.80 0.00	41.69 -3.23 0.00	42.58 -2.57 0.00
HYLAND___LFG 323620	51.91 -1.66 0.00	47.03 -1.56 -0.03	43.08 -1.38 0.00	35.36 -1.32 -0.05	39.27 -1.13 0.00	40.90 -0.96 0.00	37.71 -1.08 -0.04	38.91 -0.88 0.00	40.56 -1.17 -1.29	44.47 -1.44 -5.76	37.61 -1.90 0.00	36.37 -1.79 0.00	36.25 -1.71 0.00	36.83 -1.65 0.00	39.29 -1.34 0.00	45.11 -0.46 0.00	52.92 0.94 0.00	57.08 2.04 0.00	56.41 1.59 0.00	53.16 0.32 0.00	52.21 0.67 0.00	48.41 0.34 0.00	45.15 0.23 0.00	45.42 0.27 0.00
INDECK___CORINTH 23802	56.46 2.89 0.00	51.79 2.57 -0.66	46.50 2.05 0.00	43.07 1.65 -4.79	42.34 1.94 0.00	43.79 1.93 0.00	43.78 2.05 -2.97	41.66 1.87 0.00	42.75 2.30 0.00	42.40 2.25 0.00	41.48 1.97 0.00	40.03 1.87 0.00	39.70 1.75 0.00	40.10 1.62 0.00	42.33 1.71 0.00	47.43 1.87 0.00	54.16 2.18 0.00	57.96 2.92 0.00	57.56 2.74 0.00	55.17 2.32 0.00	53.70 2.16 0.00	49.85 1.78 0.00	46.32 1.39 0.00	46.77 1.62 0.00
INDECK___ILION 23567	54.53 0.96 0.00	49.43 0.87 0.00	45.25 0.80 0.00	37.25 0.62 0.00	41.08 0.69 0.00	42.53 0.67 0.00	39.33 0.58 0.00	40.38 0.60 0.00	41.05 0.61 0.00	40.72 0.56 0.00	40.06 0.55 0.00	38.66 0.50 0.00	38.45 0.49 0.00	38.99 0.50 0.00	41.15 0.53 0.00	46.11 0.55 0.00	52.66 0.68 0.00	55.92 0.88 0.00	55.59 0.77 0.00	53.64 0.79 0.00	52.36 0.82 0.00	48.89 0.82 0.00	45.69 0.76 0.00	45.96 0.81 0.00
INDECK___OLEAN 23982	49.71 -3.86 0.00	45.16 -3.45 -0.05	41.70 -2.76 0.00	33.08 -3.74 -0.19	37.93 -2.47 0.00	39.68 -2.18 0.00	34.85 -4.03 -0.13	37.08 -2.71 0.00	38.07 -2.26 0.11	37.56 -2.13 0.47	36.50 -3.00 0.00	35.49 -2.67 0.00	35.60 -2.35 0.00	36.07 -2.42 0.00	38.47 -2.15 0.00	43.69 -1.87 0.00	50.84 -1.14 0.00	54.44 -0.60 0.00	53.78 -1.04 0.00	50.63 -2.22 0.00	49.89 -1.65 0.00	46.39 -1.68 0.00	43.58 -1.35 0.00	44.16 -0.99 0.00
INDECK___OSWEGO 23783	51.74 -1.82 0.00	46.94 -1.65 -0.04	42.99 -1.47 0.00	35.72 -1.21 -0.30	39.07 -1.33 0.00	40.56 -1.30 0.00	37.74 -1.20 -0.18	38.59 -1.19 0.00	39.19 -1.25 0.00	38.91 -1.25 0.00	38.28 -1.22 0.00	36.94 -1.22 0.00	36.74 -1.22 0.00	37.26 -1.23 0.00	39.41 -1.22 0.00	44.29 -1.28 0.00	50.68 -1.30 0.00	53.88 -1.16 0.00	53.50 -1.32 0.00	51.26 -1.58 0.00	50.04 -1.50 0.00	46.58 -1.49 0.00	43.45 -1.48 0.00	43.66 -1.49 0.00
INDECK___YERKES 23781	48.32 -5.25 0.00	43.94 -4.66 -0.04	40.41 -4.04 0.00	33.39 -3.44 -0.21	36.76 -3.64 0.00	38.43 -3.43 0.00	35.05 -3.84 -0.13	35.41 -4.38 0.00	35.57 -4.53 0.34	34.46 -4.18 1.52	35.04 -4.46 0.00	34.08 -4.08 0.00	34.20 -3.76 0.00	34.60 -3.89 0.00	36.81 -3.82 0.00	41.78 -3.78 0.00	48.60 -3.38 0.00	52.02 -3.03 0.00	51.37 -3.45 0.00	48.09 -4.76 0.00	47.57 -3.97 0.00	44.33 -3.75 0.00	41.83 -3.10 0.00	42.58 -2.57 0.00
INDIAN POINT_GT_1 24139	57.05 3.48 0.00	52.20 3.16 -0.49	47.43 2.98 0.00	42.68 2.53 -3.53	43.10 2.71 0.00	44.58 2.72 0.00	43.42 2.48 -2.19	42.45 2.67 0.00	43.23 2.79 0.00	42.69 2.53 0.00	41.88 2.37 0.00	40.46 2.29 0.00	40.27 2.32 0.00	40.80 2.31 0.00	42.98 2.36 0.00	47.98 2.41 0.00	54.22 2.24 0.00	57.68 2.64 0.00	56.96 2.14 0.00	54.80 1.96 0.00	53.60 2.06 0.00	50.19 2.12 0.00	47.00 2.07 0.00	46.96 1.81 0.00
INDIAN POINT_GT_2 23659	57.05 3.48 0.00	52.20 3.16 -0.49	47.43 2.98 0.00	42.68 2.53 -3.53	43.10 2.71 0.00	44.58 2.72 0.00	43.42 2.48 -2.19	42.45 2.67 0.00	43.23 2.79 0.00	42.69 2.53 0.00	41.88 2.37 0.00	40.46 2.29 0.00	40.27 2.32 0.00	40.80 2.31 0.00	42.98 2.36 0.00	47.98 2.41 0.00	54.22 2.24 0.00	57.68 2.64 0.00	56.96 2.14 0.00	54.80 1.96 0.00	53.60 2.06 0.00	50.19 2.12 0.00	47.00 2.07 0.00	46.96 1.81 0.00
INDIAN POINT_GT_3 24019	57.05 3.48 0.00	52.20 3.16 -0.49	47.43 2.98 0.00	42.68 2.53 -3.53	43.10 2.71 0.00	44.58 2.72 0.00	43.42 2.48 -2.19	42.45 2.67 0.00	43.23 2.79 0.00	42.69 2.53 0.00	41.88 2.37 0.00	40.46 2.29 0.00	40.27 2.32 0.00	40.80 2.31 0.00	42.98 2.36 0.00	47.98 2.41 0.00	54.22 2.24 0.00	57.68 2.64 0.00	56.96 2.14 0.00	54.80 1.96 0.00	53.60 2.06 0.00	50.19 2.12 0.00	47.00 2.07 0.00	46.96 1.81 0.00
INDIAN POINT___2 23530	56.89 3.32 0.00	52.09 3.06 -0.48	47.30 2.85 0.00	42.48 2.38 -3.48	43.02 2.62 0.00	44.50 2.64 0.00	43.31 2.40 -2.16	42.29 2.51 0.00	43.07 2.63 0.00	42.61 2.45 0.00	41.80 2.29 0.00	40.38 2.21 0.00	40.16 2.20 0.00	40.72 2.23 0.00	42.90 2.27 0.00	47.93 2.37 0.00	54.11 2.13 0.00	57.68 2.64 0.00	57.29 2.47 0.00	54.96 2.12 0.00	53.60 2.06 0.00	50.09 2.02 0.00	46.90 1.97 0.00	46.87 1.72 0.00
INDIAN POINT___3 23531	56.99 3.43 0.00	52.15 3.11 -0.49	47.39 2.93 0.00	42.61 2.45 -3.53	43.06 2.67 0.00	44.54 2.68 0.00	43.38 2.44 -2.19	42.41 2.63 0.00	43.19 2.75 0.00	42.65 2.49 0.00	41.84 2.33 0.00	40.42 2.25 0.00	40.20 2.24 0.00	40.76 2.27 0.00	42.90 2.28 0.00	47.93 2.37 0.00	54.11 2.13 0.00	57.63 2.59 0.00	56.90 2.08 0.00	54.69 1.85 0.00	53.50 1.96 0.00	50.14 2.07 0.00	46.91 1.98 0.00	46.91 1.76 0.00
INGHAM_C_115KV_TB7 356103	55.33 1.77 0.00	50.11 1.55 0.00	45.83 1.38 0.00	37.69 1.06 0.00	41.53 1.13 0.00	42.99 1.13 0.00	39.72 0.97 0.00	40.70 0.92 0.00	41.33 0.89 0.00	40.96 0.80 0.00	40.34 0.83 0.00	38.93 0.76 0.00	38.68 0.72 0.00	39.22 0.73 0.00	41.40 0.77 0.00	46.43 0.87 0.00	52.97 0.99 0.00	56.36 1.32 0.00	56.08 1.26 0.00	54.22 1.37 0.00	52.98 1.44 0.00	49.61 1.54 0.00	46.46 1.53 0.00	46.73 1.58 0.00
IP CORINTH___1 23988	56.78 3.21 0.00	52.03 2.82 -0.66	46.77 2.31 0.00	43.21 1.79 -4.79	42.54 2.14 0.00	44.04 2.18 0.00	43.97 2.25 -2.97	41.85 2.07 0.00	42.87 2.43 0.00	42.65 2.49 0.00	41.72 2.21 0.00	40.26 2.10 0.00	39.89 1.94 0.00	40.34 1.85 0.00	42.58 1.95 0.00	47.75 2.19 0.00	54.53 2.55 0.00	58.18 3.14 0.00	57.50 2.69 0.00	55.38 2.54 0.00	53.91 2.37 0.00	50.09 2.02 0.00	46.50 1.57 0.00	47.00 1.85 0.00

IP___TICONDEROGA 23804	59.24 5.68 0.00	54.26 5.05 -0.66	48.77 4.31 0.00	44.75 3.33 -4.79	44.36 3.96 0.00	45.92 4.06 0.00	45.87 4.15 -2.97	43.64 3.86 0.00	44.89 4.45 0.00	44.78 4.62 0.00	43.65 4.15 0.00	42.13 3.97 0.00	41.64 3.68 0.00	42.03 3.54 0.00	44.36 3.74 0.00	49.84 4.28 0.00	57.13 5.15 0.00	61.10 6.05 0.00	60.36 5.54 0.00	58.02 5.18 0.00	56.38 4.84 0.00	52.26 4.18 0.00	48.34 3.41 0.00	48.94 3.79 0.00
ISLIP_RES_REC 323679	59.30 5.73 0.00	54.34 5.29 -0.49	49.08 4.62 0.00	44.15 3.96 -3.56	44.76 4.36 0.00	46.34 4.48 0.00	45.12 4.15 -2.22	49.06 4.26 -5.02	50.44 4.41 -5.59	50.68 4.14 -6.39	48.82 3.91 -5.40	45.14 3.78 -3.20	41.73 3.76 -0.01	44.67 3.81 -2.37	45.51 3.98 -0.90	50.41 4.19 -0.66	64.26 4.42 -7.87	74.20 5.17 -13.98	70.67 4.99 -10.86	60.74 4.44 -3.46	57.41 4.33 -1.54	55.91 4.04 -3.80	48.35 3.41 -0.01	48.08 2.93 0.00
JAMAICA__27_KV_LOAD 355505	58.23 4.66 0.00	53.27 4.22 -0.49	48.41 3.96 0.00	43.56 3.37 -3.56	43.99 3.60 0.00	45.46 3.60 0.00	44.30 3.33 -2.21	43.45 3.66 0.00	44.29 3.84 0.00	43.73 3.57 0.00	42.86 3.36 0.00	41.41 3.24 0.00	41.14 3.19 0.00	41.76 3.27 0.00	43.96 3.33 0.00	49.02 3.46 0.00	55.15 3.17 0.00	58.79 3.74 0.00	58.00 3.18 0.00	55.75 2.91 0.00	54.58 3.04 0.00	51.25 3.17 0.00	47.98 3.06 0.00	47.81 2.66 0.00
JANIS___SOLAR 323808	55.12 1.55 0.00	50.19 1.41 -0.23	45.74 1.29 0.00	39.43 0.84 -1.96	41.53 1.13 0.00	43.28 1.42 0.00	41.11 1.16 -1.20	41.42 1.63 0.00	42.11 1.58 -0.09	42.04 1.49 -0.39	40.81 1.30 0.00	39.35 1.18 0.00	39.06 1.10 0.00	39.61 1.12 0.00	42.01 1.38 0.00	47.43 1.87 0.00	54.84 2.86 0.00	58.73 3.69 0.00	58.11 3.29 0.00	55.43 2.59 0.00	53.96 2.42 0.00	50.09 2.02 0.00	46.64 1.71 0.00	46.77 1.62 0.00
JARVIS____ 23743	53.89 0.32 0.00	48.85 0.29 0.00	44.72 0.27 0.00	36.85 0.22 0.00	40.64 0.24 0.00	42.11 0.25 0.00	38.99 0.23 0.00	40.03 0.24 0.00	40.69 0.24 0.00	40.40 0.24 0.00	39.70 0.20 0.00	38.36 0.19 0.00	38.15 0.19 0.00	38.68 0.19 0.00	40.83 0.20 0.00	45.74 0.18 0.00	52.19 0.21 0.00	55.37 0.33 0.00	55.09 0.28 0.00	53.00 0.16 0.00	51.69 0.16 0.00	48.27 0.19 0.00	45.06 0.14 0.00	45.29 0.14 0.00
JENNISON___1 23625	55.87 2.30 0.00	50.70 1.94 -0.20	46.37 1.91 0.00	39.51 1.32 -1.56	42.13 1.74 0.00	43.83 1.97 0.00	41.31 1.59 -0.96	41.85 2.07 0.00	42.59 2.14 0.00	42.25 2.09 0.00	41.44 1.94 0.00	39.92 1.76 0.00	39.66 1.71 0.00	40.26 1.77 0.00	42.58 1.95 0.00	48.02 2.46 0.00	55.31 3.33 0.00	59.12 4.07 0.00	58.27 3.45 0.00	56.07 3.22 0.00	54.37 2.83 0.00	50.57 2.50 0.00	47.09 2.16 0.00	47.27 2.12 0.00
JENNISON___2 23626	55.87 2.30 0.00	50.70 1.94 -0.20	46.37 1.91 0.00	39.51 1.32 -1.56	42.13 1.74 0.00	43.83 1.97 0.00	41.31 1.59 -0.96	41.85 2.07 0.00	42.59 2.14 0.00	42.25 2.09 0.00	41.44 1.94 0.00	39.92 1.76 0.00	39.66 1.71 0.00	40.26 1.77 0.00	42.58 1.95 0.00	48.02 2.46 0.00	55.31 3.33 0.00	59.12 4.07 0.00	58.27 3.45 0.00	56.07 3.22 0.00	54.37 2.83 0.00	50.57 2.50 0.00	47.09 2.16 0.00	47.27 2.12 0.00
JERICHO_RISE_WT_PWR 323719	52.87 -0.70 0.00	47.73 -0.83 0.00	43.43 -1.02 0.00	35.67 -0.95 0.00	39.14 -1.25 0.00	40.39 -1.47 0.00	37.40 -1.36 0.00	38.51 -1.27 0.00	-2.07 -1.50 41.01	-2.87 -1.32 41.70	-10.00 -1.11 48.40	17.66 -1.07 19.43	36.93 -1.02 0.00	37.49 -1.00 0.00	39.49 -1.14 0.00	44.65 -0.91 0.00	51.25 -0.73 0.00	54.33 -0.72 0.00	54.82 0.00 0.00	53.80 0.95 0.00	52.57 1.03 0.00	48.99 0.91 0.00	45.92 0.99 0.00	46.28 1.13 0.00
KATONAH___115KV_46KV_TB4 355592	57.69 4.12 0.00	52.74 3.69 -0.50	47.92 3.47 0.00	43.09 2.86 -3.61	43.55 3.15 0.00	45.08 3.22 0.00	43.86 2.87 -2.24	42.81 3.02 0.00	43.68 3.24 0.00	43.09 2.93 0.00	42.23 2.73 0.00	40.84 2.67 0.00	40.65 2.69 0.00	41.22 2.73 0.00	43.39 2.76 0.00	48.52 2.96 0.00	54.84 2.86 0.00	58.34 3.30 0.00	57.67 2.85 0.00	55.49 2.64 0.00	54.22 2.68 0.00	50.67 2.60 0.00	47.40 2.47 0.00	47.36 2.21 0.00
KCE_NY_1 323755	57.16 3.59 0.00	52.47 3.25 -0.66	47.26 2.80 0.00	43.67 2.27 -4.77	42.99 2.59 0.00	44.50 2.64 0.00	44.31 2.60 -2.96	42.25 2.47 0.00	43.23 2.79 0.00	42.89 2.73 0.00	42.00 2.49 0.00	40.57 2.41 0.00	40.23 2.28 0.00	40.72 2.23 0.00	42.98 2.36 0.00	48.16 2.60 0.00	54.94 2.96 0.00	58.62 3.58 0.00	58.22 3.40 0.00	55.85 3.01 0.00	54.37 2.83 0.00	50.57 2.50 0.00	47.13 2.20 0.00	47.45 2.30 0.00
KCE_NY_6_ESR 323823	48.75 -4.82 0.00	44.28 -4.32 -0.05	40.76 -3.69 0.00	33.35 -3.48 -0.20	37.09 -3.31 0.00	38.81 -3.05 0.00	35.09 -3.80 -0.13	35.85 -3.94 0.00	36.06 -3.96 0.42	34.50 -3.82 1.85	35.44 -4.07 0.00	34.46 -3.70 0.00	34.62 -3.34 0.00	35.02 -3.46 0.00	37.30 -3.33 0.00	42.37 -3.19 0.00	49.33 -2.65 0.00	52.84 -2.20 0.00	52.24 -2.58 0.00	48.99 -3.86 0.00	48.39 -3.15 0.00	45.05 -3.03 0.00	42.50 -2.43 0.00	43.21 -1.94 0.00
KEDC_PORT_JEFF_GT2 24210	59.08 5.52 0.00	54.14 5.10 -0.49	48.90 4.44 0.00	44.04 3.84 -3.56	44.64 4.24 0.00	46.21 4.35 0.00	44.97 3.99 -2.22	48.90 4.10 -5.02	50.28 4.25 -5.59	50.56 4.02 -6.39	48.70 3.79 -5.40	45.03 3.66 -3.20	41.58 3.61 -0.01	44.55 3.70 -2.37	45.34 3.82 -0.90	50.27 4.05 -0.66	64.06 4.21 -7.87	73.92 4.90 -13.98	70.40 4.72 -10.86	60.48 4.17 -3.46	57.15 4.07 -1.54	55.72 3.85 -3.80	48.18 3.24 -0.01	47.95 2.80 0.00
KEDC_PORT_JEFF_GT3 24211	59.08 5.52 0.00	54.14 5.10 -0.49	48.90 4.44 0.00	44.04 3.84 -3.56	44.64 4.24 0.00	46.21 4.35 0.00	44.97 3.99 -2.22	48.90 4.10 -5.02	50.28 4.25 -5.59	50.56 4.02 -6.39	48.70 3.79 -5.40	45.03 3.66 -3.20	41.58 3.61 -0.01	44.55 3.70 -2.37	45.34 3.82 -0.90	50.27 4.05 -0.66	64.06 4.21 -7.87	73.92 4.90 -13.98	70.40 4.72 -10.86	60.48 4.17 -3.46	57.15 4.07 -1.54	55.72 3.85 -3.80	48.18 3.24 -0.01	47.95 2.80 0.00
KEDC_GLWD_GT4 24219	58.07 4.50 0.00	53.17 4.12 -0.49	48.14 3.69 0.00	43.38 3.19 -3.56	43.91 3.51 0.00	45.38 3.52 0.00	44.19 3.21 -2.22	48.10 3.30 -5.02	49.51 3.48 -5.59	49.79 3.25 -6.39	48.03 3.12 -5.40	44.38 3.01 -3.20	41.01 3.04 -0.01	43.90 3.04 -2.37	44.61 3.09 -0.89	49.50 3.28 -0.66	62.81 2.96 -7.86	72.60 3.58 -13.98	69.08 3.40 -10.86	59.26 2.96 -3.46	55.96 2.88 -1.54	54.85 2.98 -3.80	47.64 2.70 -0.01	47.50 2.35 0.00
KEDC_GLWD_GT5 24220	58.07 4.50 0.00	53.17 4.12 -0.49	48.14 3.69 0.00	43.38 3.19 -3.56	43.91 3.51 0.00	45.38 3.52 0.00	44.19 3.21 -2.22	48.10 3.30 -5.02	49.51 3.48 -5.59	49.79 3.25 -6.39	48.03 3.12 -5.40	44.38 3.01 -3.20	41.01 3.04 -0.01	43.90 3.04 -2.37	44.61 3.09 -0.89	49.50 3.28 -0.66	62.81 2.96 -7.86	72.60 3.58 -13.98	69.08 3.40 -10.86	59.26 2.96 -3.46	55.96 2.88 -1.54	54.85 2.98 -3.80	47.64 2.70 -0.01	47.50 2.35 0.00

KENSICO____ 23655	57.32 3.75 0.00	52.40 3.35 -0.49	47.61 3.16 0.00	42.86 2.67 -3.56	43.31 2.91 0.00	44.75 2.89 0.00	43.59 2.64 -2.21	42.61 2.82 0.00	43.40 2.95 0.00	42.89 2.73 0.00	42.03 2.53 0.00	40.61 2.44 0.00	40.42 2.47 0.00	40.99 2.50 0.00	43.15 2.52 0.00	48.16 2.60 0.00	54.37 2.39 0.00	57.85 2.81 0.00	57.12 2.30 0.00	54.96 2.11 0.00	53.75 2.22 0.00	50.38 2.31 0.00	47.13 2.20 0.00	47.14 1.99 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	57.91 4.34 0.00	53.06 4.03 -0.47	48.14 3.69 0.00	43.27 3.22 -3.42	43.83 3.43 0.00	45.33 3.47 0.00	44.05 3.18 -2.12	43.01 3.22 0.00	43.88 3.44 0.00	43.17 3.01 0.00	42.23 2.73 0.00	40.72 2.56 0.00	40.54 2.58 0.00	41.11 2.62 0.00	43.47 2.84 0.00	48.66 3.10 0.00	55.36 3.38 0.00	59.01 3.96 0.00	58.16 3.34 0.00	55.86 3.01 0.00	54.68 3.14 0.00	51.01 2.93 0.00	47.71 2.79 0.00	47.68 2.53 0.00
KIAC_JFK_GT1 23816	58.01 4.45 0.00	53.12 4.08 -0.49	48.28 3.82 0.00	43.41 3.22 -3.56	43.83 3.43 0.00	45.33 3.47 0.00	44.18 3.22 -2.21	43.33 3.54 0.00	44.16 3.72 0.00	43.61 3.45 0.00	42.75 3.24 0.00	41.29 3.13 0.00	41.03 3.07 0.00	41.64 3.16 0.00	43.84 3.21 0.00	48.84 3.28 0.00	55.00 3.01 0.00	58.57 3.52 0.00	57.78 2.96 0.00	55.54 2.70 0.00	54.37 2.83 0.00	51.10 3.03 0.00	47.80 2.88 0.00	47.63 2.48 0.00
KIAC_JFK_GT2 23817	58.01 4.45 0.00	53.12 4.08 -0.49	48.28 3.82 0.00	43.41 3.22 -3.56	43.83 3.43 0.00	45.33 3.47 0.00	44.18 3.22 -2.21	43.33 3.54 0.00	44.16 3.72 0.00	43.61 3.45 0.00	42.75 3.24 0.00	41.29 3.13 0.00	41.03 3.07 0.00	41.64 3.16 0.00	43.84 3.21 0.00	48.84 3.28 0.00	55.00 3.01 0.00	58.57 3.52 0.00	57.78 2.96 0.00	55.54 2.70 0.00	54.37 2.83 0.00	51.10 3.03 0.00	47.80 2.88 0.00	47.63 2.48 0.00
KIAC_JFK____ 323774	57.96 4.39 0.00	53.12 4.08 -0.49	48.23 3.78 0.00	43.34 3.15 -3.56	43.83 3.43 0.00	45.29 3.43 0.00	44.14 3.18 -2.21	43.16 3.38 0.00	44.09 3.64 0.00	43.53 3.37 0.00	42.75 3.24 0.00	41.30 3.13 0.00	41.03 3.07 0.00	41.65 3.16 0.00	43.84 3.21 0.00	48.80 3.24 0.00	54.89 2.91 0.00	58.67 3.63 0.00	58.27 3.46 0.00	55.80 2.96 0.00	54.42 2.88 0.00	51.06 2.98 0.00	47.81 2.88 0.00	47.63 2.48 0.00
KINTIGH____ 23543	48.26 -5.30 0.00	43.93 -4.66 -0.04	40.36 -4.09 0.00	33.73 -3.11 -0.22	36.76 -3.64 0.00	38.30 -3.56 0.00	35.52 -3.37 -0.14	35.41 -4.38 0.00	35.63 -4.61 0.20	34.78 -4.46 0.92	35.16 -4.35 0.00	34.16 -4.01 0.00	34.16 -3.80 0.00	34.56 -3.93 0.00	36.73 -3.90 0.00	41.73 -3.83 0.00	48.19 -3.79 0.00	51.41 -3.63 0.00	50.71 -4.11 0.00	48.83 -4.02 0.00	47.42 -4.12 0.00	43.99 -4.09 0.00	41.38 -3.55 0.00	42.17 -2.98 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	53.57 0.00 0.00	48.41 -0.15 0.00	43.96 -0.49 0.00	36.08 -0.55 0.00	39.63 -0.77 0.00	40.90 -0.96 0.00	37.90 -0.85 0.00	39.07 -0.72 0.00	0.73 -0.93 38.79	0.00 -0.72 39.44	-6.74 -0.47 45.77	19.22 -0.57 18.38	37.46 -0.49 0.00	38.03 -0.46 0.00	40.06 -0.57 0.00	45.33 -0.23 0.00	52.14 0.16 0.00	55.59 0.55 0.00	56.41 1.59 0.00	54.80 1.96 0.00	53.60 2.06 0.00	49.76 1.68 0.00	46.68 1.75 0.00	46.96 1.81 0.00
LACHUTE__HYDRO 323717	59.24 5.68 0.00	54.31 5.10 -0.66	48.72 4.27 0.00	44.86 3.44 -4.79	44.40 4.00 0.00	45.92 4.06 0.00	45.87 4.15 -2.97	43.72 3.94 0.00	45.09 4.65 0.00	44.77 4.62 0.00	43.65 4.15 0.00	42.13 3.97 0.00	41.64 3.68 0.00	42.03 3.54 0.00	44.36 3.74 0.00	49.75 4.19 0.00	57.02 5.04 0.00	61.21 6.16 0.00	60.69 5.87 0.00	58.08 5.23 0.00	56.44 4.90 0.00	52.26 4.18 0.00	48.39 3.46 0.00	48.99 3.84 0.00
LAWRNCV_115KV_TB1 80681	53.24 -0.32 0.00	48.31 -0.24 0.00	44.01 -0.44 0.00	36.22 -0.40 0.00	39.83 -0.57 0.00	41.02 -0.84 0.00	37.90 -0.85 0.00	39.03 -0.76 0.00	44.85 -0.93 -5.34	44.98 -0.60 -5.42	45.57 -0.24 -6.30	40.43 -0.27 -2.53	37.69 -0.27 0.00	38.30 -0.19 0.00	40.10 -0.53 0.00	45.06 -0.50 0.00	51.57 -0.42 0.00	54.33 -0.72 0.00	54.82 0.00 0.00	53.11 0.26 0.00	51.69 0.15 0.00	48.27 0.19 0.00	45.29 0.36 0.00	45.74 0.59 0.00
LEDERLE____ 23769	56.94 3.37 0.00	52.09 3.06 -0.47	47.34 2.89 0.00	42.51 2.45 -3.43	43.02 2.63 0.00	44.50 2.64 0.00	43.28 2.40 -2.13	42.37 2.59 0.00	43.15 2.71 0.00	42.65 2.49 0.00	41.80 2.29 0.00	40.38 2.21 0.00	40.20 2.24 0.00	40.72 2.23 0.00	42.90 2.28 0.00	47.93 2.37 0.00	54.17 2.18 0.00	57.68 2.64 0.00	56.96 2.14 0.00	54.75 1.90 0.00	53.55 2.01 0.00	50.14 2.07 0.00	46.95 2.02 0.00	46.91 1.76 0.00
LIGHTRSE_115KV_TB6 355974	52.44 -1.12 0.00	47.52 -1.07 -0.04	43.48 -0.98 0.00	36.05 -0.84 -0.27	39.55 -0.85 0.00	41.06 -0.80 0.00	38.11 -0.81 -0.17	39.03 -0.76 0.00	39.72 -0.73 0.00	39.51 -0.64 0.00	38.87 -0.63 0.00	37.48 -0.69 0.00	37.27 -0.68 0.00	37.83 -0.65 0.00	39.98 -0.65 0.00	44.97 -0.59 0.00	51.62 -0.36 0.00	54.88 -0.17 0.00	54.33 -0.49 0.00	52.32 -0.53 0.00	50.97 -0.57 0.00	47.45 -0.62 0.00	44.17 -0.76 0.00	44.34 -0.81 0.00
LINDEN COGEN____ 23786	57.37 3.80 0.00	52.59 3.54 -0.49	47.70 3.24 0.00	42.94 2.75 -3.56	43.39 2.99 0.00	44.87 3.02 0.00	43.75 2.79 -2.21	42.73 2.94 0.00	43.56 3.11 0.00	43.05 2.89 0.00	42.23 2.72 0.00	40.84 2.67 0.00	40.57 2.62 0.00	41.18 2.69 0.00	43.31 2.68 0.00	48.30 2.73 0.00	54.16 2.18 0.00	57.79 2.75 0.00	57.40 2.58 0.00	55.01 2.17 0.00	53.65 2.11 0.00	50.38 2.31 0.00	47.22 2.29 0.00	47.14 1.98 0.00
LINDHRST_69_KV_BK1 356055	58.71 5.14 0.00	53.61 4.56 -0.49	48.68 4.22 0.00	44.00 3.81 -3.56	44.44 4.04 0.00	45.92 4.06 0.00	44.81 3.84 -2.22	48.82 4.02 -5.02	50.20 4.17 -5.59	50.44 3.90 -6.39	48.58 3.67 -5.40	44.91 3.55 -3.20	41.54 3.57 -0.01	44.44 3.58 -2.37	45.22 3.70 -0.90	50.18 3.96 -0.66	63.95 4.11 -7.87	73.65 4.62 -13.98	69.79 4.11 -10.86	60.11 3.80 -3.46	56.94 3.87 -1.54	55.62 3.75 -3.80	48.58 3.64 -0.01	48.00 2.84 0.00
LIPA_MISC_IPP 23656	58.71 5.14 0.00	53.66 4.61 -0.49	48.72 4.27 0.00	44.00 3.81 -3.56	44.48 4.08 0.00	45.92 4.06 0.00	44.89 3.91 -2.22	48.94 4.14 -5.02	50.28 4.25 -5.59	50.48 3.94 -6.39	48.58 3.67 -5.40	44.91 3.55 -3.20	41.50 3.53 -0.01	44.44 3.58 -2.37	45.22 3.70 -0.89	50.09 3.87 -0.66	63.85 4.00 -7.87	73.65 4.62 -13.98	69.74 4.06 -10.86	60.05 3.75 -3.46	56.89 3.81 -1.54	55.57 3.70 -3.80	48.54 3.59 -0.01	47.95 2.80 0.00
LISF__SOLAR 323691	59.14 5.57 0.00	54.14 5.10 -0.49	48.90 4.44 0.00	44.04 3.84 -3.56	44.64 4.24 0.00	46.21 4.35 0.00	44.97 3.99 -2.22	48.90 4.10 -5.02	50.28 4.25 -5.59	50.52 3.98 -6.39	48.66 3.76 -5.40	44.99 3.63 -3.20	41.54 3.57 -0.01	44.47 3.62 -2.37	45.30 3.78 -0.90	50.18 3.96 -0.66	64.01 4.16 -7.87	73.92 4.90 -13.98	70.40 4.72 -10.86	60.43 4.12 -3.46	57.10 4.02 -1.54	55.67 3.80 -3.80	48.13 3.19 -0.01	47.95 2.80 0.00

LITTLE FALLS___HYD 24013	55.33 1.77 0.00	50.11 1.55 0.00	45.83 1.38 0.00	37.69 1.06 0.00	41.53 1.13 0.00	42.99 1.13 0.00	39.72 0.97 0.00	40.70 0.92 0.00	41.33 0.89 0.00	40.96 0.80 0.00	40.34 0.83 0.00	38.93 0.76 0.00	38.68 0.72 0.00	39.22 0.73 0.00	41.40 0.77 0.00	46.43 0.87 0.00	52.97 0.99 0.00	56.36 1.32 0.00	56.08 1.26 0.00	54.22 1.37 0.00	52.98 1.44 0.00	49.61 1.54 0.00	46.46 1.53 0.00	46.73 1.58 0.00
LITTLRIV_115KV_TB1 356100	53.89 0.32 0.00	48.89 0.34 0.00	44.50 0.04 0.00	36.59 -0.04 0.00	40.28 -0.12 0.00	41.52 -0.33 0.00	38.33 -0.43 0.00	39.55 -0.24 0.00	45.90 -0.40 -5.87	46.04 -0.08 -5.96	46.74 0.32 -6.92	41.17 0.23 -2.78	38.15 0.19 0.00	38.80 0.31 0.00	40.63 0.00 0.00	45.70 0.14 0.00	52.35 0.36 0.00	55.21 0.17 0.00	55.70 0.88 0.00	53.90 1.06 0.00	52.41 0.88 0.00	48.89 0.82 0.00	45.83 0.90 0.00	46.23 1.08 0.00
LI_NEWBRDGE___DRP 323616	57.91 4.34 0.00	52.88 3.84 -0.49	48.05 3.60 0.00	43.45 3.26 -3.56	43.83 3.43 0.00	45.29 3.43 0.00	44.19 3.22 -2.22	48.18 3.38 -5.02	49.55 3.52 -5.59	49.80 3.25 -6.39	47.95 3.04 -5.40	44.30 2.94 -3.20	40.97 3.00 -0.01	43.86 3.00 -2.37	44.57 3.05 -0.89	49.41 3.19 -0.66	62.91 3.07 -7.86	72.49 3.47 -13.98	68.69 3.02 -10.86	59.05 2.75 -3.46	55.96 2.89 -1.54	54.76 2.88 -3.80	47.86 2.92 -0.01	47.36 2.21 0.00
LOCKPORT_115KV_TB60_63_64 80432	47.83 -5.73 0.00	43.35 -5.24 -0.04	40.05 -4.40 0.00	33.17 -3.66 -0.21	36.48 -3.92 0.00	38.09 -3.77 0.00	34.86 -4.03 -0.14	34.93 -4.85 0.00	35.21 -4.93 0.30	34.36 -4.50 1.30	34.73 -4.78 0.00	33.78 -4.39 0.00	33.82 -4.14 0.00	34.25 -4.23 0.00	36.48 -4.14 0.00	41.60 -3.96 0.00	48.24 -3.74 0.00	51.57 -3.47 0.00	50.76 -4.06 0.00	48.88 -3.96 0.00	47.47 -4.07 0.00	43.99 -4.09 0.00	41.42 -3.50 0.00	42.31 -2.84 0.00
LOCKPORT___CC1 323769	47.89 -5.68 0.00	43.55 -5.05 -0.04	40.10 -4.35 0.00	33.17 -3.66 -0.21	36.48 -3.92 0.00	38.09 -3.77 0.00	34.86 -4.03 -0.13	35.13 -4.65 0.00	35.27 -4.85 0.32	34.17 -4.58 1.40	34.69 -4.82 0.00	33.78 -4.39 0.00	33.82 -4.14 0.00	34.25 -4.23 0.00	36.40 -4.23 0.00	41.33 -4.24 0.00	48.03 -3.95 0.00	51.41 -3.63 0.00	50.76 -4.06 0.00	47.51 -5.34 0.00	47.00 -4.54 0.00	43.80 -4.28 0.00	41.33 -3.60 0.00	42.13 -3.02 0.00
LOCKPORT___CC2 323770	47.89 -5.68 0.00	43.55 -5.05 -0.04	40.10 -4.35 0.00	33.17 -3.66 -0.21	36.48 -3.92 0.00	38.09 -3.77 0.00	34.86 -4.03 -0.13	35.13 -4.65 0.00	35.27 -4.85 0.32	34.17 -4.58 1.40	34.69 -4.82 0.00	33.78 -4.39 0.00	33.82 -4.14 0.00	34.25 -4.23 0.00	36.40 -4.23 0.00	41.33 -4.24 0.00	48.03 -3.95 0.00	51.41 -3.63 0.00	50.76 -4.06 0.00	47.51 -5.34 0.00	47.00 -4.54 0.00	43.80 -4.28 0.00	41.33 -3.60 0.00	42.13 -3.02 0.00
LOCKPORT___CC3 323771	47.89 -5.68 0.00	43.55 -5.05 -0.04	40.10 -4.35 0.00	33.17 -3.66 -0.21	36.48 -3.92 0.00	38.09 -3.77 0.00	34.86 -4.03 -0.13	35.13 -4.65 0.00	35.27 -4.85 0.32	34.17 -4.58 1.40	34.69 -4.82 0.00	33.78 -4.39 0.00	33.82 -4.14 0.00	34.25 -4.23 0.00	36.40 -4.23 0.00	41.33 -4.24 0.00	48.03 -3.95 0.00	51.41 -3.63 0.00	50.76 -4.06 0.00	47.51 -5.34 0.00	47.00 -4.54 0.00	43.80 -4.28 0.00	41.33 -3.60 0.00	42.13 -3.02 0.00
LONG_LAKE_PHOENIX 24014	51.80 -1.77 0.00	46.94 -1.65 -0.04	43.03 -1.42 0.00	35.76 -1.17 -0.30	39.14 -1.25 0.00	40.60 -1.26 0.00	37.82 -1.12 -0.19	38.63 -1.15 0.00	39.27 -1.17 0.00	38.99 -1.16 0.00	38.32 -1.19 0.00	37.02 -1.14 0.00	36.82 -1.14 0.00	37.30 -1.19 0.00	39.49 -1.14 0.00	44.38 -1.18 0.00	50.84 -1.14 0.00	54.05 -0.99 0.00	53.50 -1.32 0.00	51.47 -1.37 0.00	50.15 -1.39 0.00	46.63 -1.44 0.00	43.49 -1.44 0.00	43.71 -1.44 0.00
LOVETT___3 23632	56.73 3.16 0.00	51.89 2.86 -0.48	47.17 2.71 0.00	42.38 2.31 -3.44	42.86 2.46 0.00	44.33 2.47 0.00	43.13 2.25 -2.13	42.25 2.47 0.00	42.99 2.55 0.00	42.49 2.33 0.00	41.64 2.13 0.00	40.23 2.06 0.00	40.04 2.09 0.00	40.61 2.12 0.00	42.74 2.11 0.00	47.70 2.14 0.00	53.91 1.92 0.00	57.41 2.37 0.00	56.68 1.86 0.00	54.48 1.64 0.00	53.29 1.75 0.00	49.95 1.87 0.00	46.73 1.80 0.00	46.73 1.58 0.00
LOVETT___4 23642	56.73 3.16 0.00	51.89 2.86 -0.48	47.17 2.71 0.00	42.38 2.31 -3.44	42.86 2.46 0.00	44.33 2.47 0.00	43.13 2.25 -2.13	42.25 2.47 0.00	42.99 2.55 0.00	42.49 2.33 0.00	41.64 2.13 0.00	40.23 2.06 0.00	40.04 2.09 0.00	40.61 2.12 0.00	42.74 2.11 0.00	47.70 2.14 0.00	53.91 1.92 0.00	57.41 2.37 0.00	56.68 1.86 0.00	54.48 1.64 0.00	53.29 1.75 0.00	49.95 1.87 0.00	46.73 1.80 0.00	46.73 1.58 0.00
LOVETT___5 23593	56.73 3.16 0.00	51.89 2.86 -0.48	47.17 2.71 0.00	42.38 2.31 -3.44	42.86 2.46 0.00	44.33 2.47 0.00	43.13 2.25 -2.13	42.25 2.47 0.00	42.99 2.55 0.00	42.49 2.33 0.00	41.64 2.13 0.00	40.23 2.06 0.00	40.04 2.09 0.00	40.61 2.12 0.00	42.74 2.11 0.00	47.70 2.14 0.00	53.91 1.92 0.00	57.41 2.37 0.00	56.68 1.86 0.00	54.48 1.64 0.00	53.29 1.75 0.00	49.95 1.87 0.00	46.73 1.80 0.00	46.73 1.58 0.00
LOWER RAQUET___HYD 24057	53.19 -0.37 0.00	48.16 -0.39 0.00	43.92 -0.53 0.00	36.15 -0.48 0.00	39.71 -0.69 0.00	40.85 -1.01 0.00	37.74 -1.01 0.00	38.87 -0.91 0.00	45.76 -1.05 -6.36	45.90 -0.72 -6.47	46.74 -0.27 -7.51	40.84 -0.34 -3.01	37.61 -0.34 0.00	38.22 -0.27 0.00	40.02 -0.61 0.00	44.92 -0.64 0.00	51.36 -0.62 0.00	54.05 -0.99 0.00	54.22 -0.60 0.00	53.00 0.16 0.00	51.54 0.00 0.00	48.12 0.05 0.00	45.15 0.23 0.00	45.69 0.54 0.00
LOWER___HUDSON 24059	56.51 2.94 0.00	51.87 2.67 -0.65	46.85 2.40 0.00	43.28 1.94 -4.71	42.62 2.22 0.00	44.12 2.26 0.00	43.80 2.13 -2.92	41.85 2.07 0.00	42.71 2.26 0.00	42.36 2.21 0.00	41.56 2.05 0.00	40.15 1.98 0.00	39.89 1.93 0.00	40.41 1.92 0.00	42.66 2.03 0.00	47.61 2.05 0.00	54.22 2.23 0.00	57.74 2.70 0.00	57.40 2.58 0.00	55.06 2.22 0.00	53.70 2.16 0.00	50.05 1.97 0.00	46.73 1.80 0.00	47.00 1.85 0.00
LOWVILLE_115KV_TB2 356335	53.30 -0.27 0.00	48.28 -0.29 -0.02	44.05 -0.40 0.00	36.39 -0.37 -0.13	40.03 -0.36 0.00	41.52 -0.33 0.00	38.48 -0.35 -0.08	39.67 -0.12 0.00	42.10 -0.16 -1.82	41.96 -0.04 -1.85	41.73 0.08 -2.14	38.95 -0.08 -0.86	37.84 -0.11 0.00	38.45 -0.04 0.00	40.50 -0.12 0.00	45.52 -0.05 0.00	52.87 0.88 0.00	56.31 1.27 0.00	55.91 1.10 0.00	54.11 1.27 0.00	52.52 0.98 0.00	48.84 0.77 0.00	45.51 0.58 0.00	45.69 0.54 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	57.16 3.59 0.00	52.37 3.16 -0.66	47.25 2.80 0.00	43.59 2.20 -4.77	42.94 2.55 0.00	44.45 2.60 0.00	44.27 2.56 -2.96	42.21 2.43 0.00	43.15 2.71 0.00	42.89 2.73 0.00	42.00 2.49 0.00	40.53 2.37 0.00	40.23 2.28 0.00	40.68 2.19 0.00	42.98 2.36 0.00	48.11 2.55 0.00	54.89 2.91 0.00	58.45 3.41 0.00	57.89 3.07 0.00	55.70 2.85 0.00	54.27 2.73 0.00	50.53 2.45 0.00	47.04 2.11 0.00	47.41 2.26 0.00

LUTHERNY_35_KV_BK2 355980	57.16 3.59 0.00	52.42 3.20 -0.66	47.25 2.80 0.00	43.63 2.23 -4.77	42.98 2.59 0.00	44.50 2.64 0.00	44.31 2.60 -2.96	42.25 2.47 0.00	43.19 2.75 0.00	42.89 2.73 0.00	42.00 2.49 0.00	40.57 2.40 0.00	40.23 2.28 0.00	40.72 2.23 0.00	42.98 2.36 0.00	48.16 2.60 0.00	54.94 2.96 0.00	58.51 3.47 0.00	57.89 3.07 0.00	55.75 2.91 0.00	54.32 2.78 0.00	50.57 2.50 0.00	47.04 2.11 0.00	47.45 2.30 0.00
LWR___OSWEGATCHIE_HYD 23850	52.82 -0.75 0.00	47.89 -0.68 -0.01	43.65 -0.80 0.00	36.03 -0.70 -0.10	39.59 -0.81 0.00	40.85 -1.00 0.00	37.81 -1.01 -0.06	38.95 -0.84 0.00	43.87 -0.89 -4.32	43.87 -0.68 -4.39	44.21 -0.40 -5.10	39.72 -0.50 -2.05	37.46 -0.49 0.00	38.07 -0.42 0.00	39.94 -0.69 0.00	44.88 -0.68 0.00	51.72 -0.26 0.00	54.82 -0.22 0.00	54.87 0.05 0.00	53.11 0.26 0.00	51.59 0.05 0.00	48.08 0.00 0.00	44.97 0.04 0.00	45.29 0.14 0.00
LYONS_FALL_HYD 23570	53.84 0.27 0.00	48.81 0.24 -0.02	44.54 0.09 0.00	36.79 0.04 -0.12	40.52 0.12 0.00	41.98 0.13 0.00	38.91 0.08 -0.08	40.10 0.32 0.00	41.97 0.32 -1.20	41.74 0.36 -1.22	41.36 0.44 -1.42	39.04 0.30 -0.57	38.22 0.27 0.00	38.80 0.31 0.00	40.91 0.29 0.00	45.97 0.41 0.00	53.08 1.09 0.00	56.53 1.49 0.00	56.08 1.26 0.00	54.11 1.27 0.00	52.62 1.08 0.00	48.94 0.87 0.00	45.60 0.67 0.00	45.78 0.63 0.00
MADISON___COUNTY_LFGE 323628	54.48 0.91 0.00	49.41 0.83 -0.03	45.21 0.76 0.00	37.39 0.55 -0.21	41.12 0.73 0.00	42.74 0.88 0.00	39.62 0.74 -0.13	40.70 0.92 0.00	41.41 0.97 0.00	41.12 0.96 0.00	40.45 0.95 0.00	38.97 0.80 0.00	38.75 0.80 0.00	39.30 0.81 0.00	41.52 0.89 0.00	46.70 1.14 0.00	53.54 1.56 0.00	56.97 1.93 0.00	56.35 1.53 0.00	54.27 1.43 0.00	52.78 1.24 0.00	49.08 1.01 0.00	45.74 0.81 0.00	45.96 0.81 0.00
MALONE___115KV_TB1 356076	53.73 0.16 0.00	48.60 0.05 0.00	44.14 -0.31 0.00	36.22 -0.40 0.00	39.87 -0.53 0.00	41.15 -0.71 0.00	38.06 -0.70 0.00	39.27 -0.52 0.00	67.01 -0.69 -27.26	67.39 -0.48 -27.71	71.48 -0.20 -32.17	50.85 -0.23 -12.91	37.80 -0.15 0.00	38.33 -0.15 0.00	40.30 -0.33 0.00	45.61 0.05 0.00	52.40 0.42 0.00	55.65 0.61 0.00	56.41 1.59 0.00	54.80 1.96 0.00	53.50 1.96 0.00	49.71 1.63 0.00	46.64 1.71 0.00	46.91 1.76 0.00
MAPLEWOD_115KV_TB3 80458	56.03 2.46 0.00	51.44 2.23 -0.65	46.54 2.09 0.00	42.98 1.65 -4.70	42.30 1.90 0.00	43.78 1.93 0.00	43.49 1.82 -2.92	41.54 1.75 0.00	42.34 1.90 0.00	42.00 1.85 0.00	41.24 1.74 0.00	39.84 1.68 0.00	39.59 1.63 0.00	40.11 1.62 0.00	42.33 1.71 0.00	47.11 1.55 0.00	53.59 1.61 0.00	56.97 1.93 0.00	56.41 1.59 0.00	54.32 1.48 0.00	52.98 1.44 0.00	49.42 1.35 0.00	46.14 1.21 0.00	46.60 1.44 0.00
MAPLE_RIDGE_WT_1 323574	52.23 -1.34 0.00	47.29 -1.26 0.00	43.26 -1.20 0.00	35.67 -0.95 0.00	39.31 -1.09 0.00	40.69 -1.17 0.00	37.74 -1.01 0.00	38.79 -0.99 0.00	39.39 -1.05 0.00	39.19 -0.96 0.00	38.64 -0.87 0.00	37.29 -0.88 0.00	37.09 -0.87 0.00	37.64 -0.85 0.00	39.73 -0.89 0.00	44.69 -0.87 0.00	51.20 -0.78 0.00	54.22 -0.82 0.00	54.27 -0.55 0.00	52.74 -0.11 0.00	51.49 -0.05 0.00	48.12 0.05 0.00	45.02 0.09 0.00	45.29 0.14 0.00
MAPLE_RIDGE_WT_2 323611	52.23 -1.34 0.00	47.29 -1.26 0.00	43.26 -1.20 0.00	35.67 -0.95 0.00	39.31 -1.09 0.00	40.69 -1.17 0.00	37.74 -1.01 0.00	38.79 -0.99 0.00	39.39 -1.05 0.00	39.19 -0.96 0.00	38.64 -0.87 0.00	37.29 -0.88 0.00	37.09 -0.87 0.00	37.64 -0.85 0.00	39.73 -0.89 0.00	44.69 -0.87 0.00	51.20 -0.78 0.00	54.22 -0.82 0.00	54.27 -0.55 0.00	52.74 -0.11 0.00	51.49 -0.05 0.00	48.12 0.05 0.00	45.02 0.09 0.00	45.29 0.14 0.00
MARBLE_RIVER_WT_PWR 323696	52.93 -0.64 0.00	47.77 -0.78 0.00	43.48 -0.98 0.00	35.71 -0.91 0.00	39.19 -1.21 0.00	40.44 -1.42 0.00	37.43 -1.32 0.00	38.51 -1.27 0.00	0.98 -1.45 38.01	0.23 -1.29 38.64	-6.45 -1.11 44.85	19.05 -1.11 18.01	36.93 -1.02 0.00	37.49 -1.00 0.00	39.49 -1.14 0.00	44.65 -0.91 0.00	51.20 -0.78 0.00	54.38 -0.66 0.00	54.82 0.00 0.00	53.74 0.90 0.00	52.52 0.98 0.00	48.94 0.87 0.00	45.92 0.99 0.00	46.23 1.08 0.00
MARSHVLE_115KV_TB1 80742	56.89 3.32 0.00	52.21 2.91 -0.74	47.03 2.58 0.00	43.98 1.98 -5.37	42.74 2.34 0.00	44.33 2.47 0.00	44.56 2.48 -3.33	42.17 2.39 0.00	43.03 2.59 0.00	42.49 2.33 0.00	41.48 1.98 0.00	39.77 1.60 0.00	39.44 1.48 0.00	40.07 1.58 0.00	42.29 1.67 0.00	47.93 2.37 0.00	55.26 3.27 0.00	59.06 4.02 0.00	58.44 3.62 0.00	56.23 3.38 0.00	54.73 3.20 0.00	50.82 2.74 0.00	47.13 2.20 0.00	47.41 2.26 0.00
MARSH_HILL_WT_PWR 323713	48.96 -4.61 0.00	44.54 -4.03 -0.02	40.99 -3.47 0.00	33.03 -3.41 0.20	37.16 -3.23 0.00	38.84 -3.01 0.00	35.36 -3.29 0.10	36.80 -2.98 0.00	38.76 -2.95 -1.27	42.94 -2.85 -5.63	36.47 -3.04 0.00	35.46 -2.71 0.00	35.57 -2.39 0.00	36.26 -2.23 0.00	38.68 -1.95 0.00	44.20 -1.37 0.00	51.56 -0.42 0.00	55.37 0.33 0.00	54.82 0.00 0.00	51.79 -1.06 0.00	50.87 -0.67 0.00	47.30 -0.77 0.00	44.30 -0.63 0.00	44.70 -0.45 0.00
MCINTYRE_115KV_TB2 80467	54.32 0.75 0.00	49.28 0.73 0.00	44.85 0.40 0.00	36.88 0.26 0.00	40.64 0.24 0.00	41.94 0.08 0.00	38.79 0.04 0.00	39.98 0.20 0.00	45.55 0.04 -5.06	45.63 0.32 -5.15	46.11 0.63 -5.98	41.10 0.53 -2.40	38.45 0.49 0.00	39.10 0.62 0.00	41.03 0.41 0.00	46.20 0.64 0.00	52.97 0.99 0.00	55.81 0.77 0.00	56.30 1.48 0.00	54.48 1.64 0.00	52.98 1.44 0.00	49.42 1.35 0.00	46.28 1.35 0.00	46.60 1.44 0.00
MECO_____69_KV_BK1 80468	58.12 4.55 0.00	53.25 3.98 -0.72	48.01 3.56 0.00	44.55 2.75 -5.18	43.59 3.19 0.00	45.21 3.35 0.00	45.30 3.33 -3.21	42.97 3.18 0.00	43.88 3.44 0.00	43.41 3.25 0.00	42.35 2.84 0.00	40.76 2.60 0.00	40.35 2.39 0.00	40.91 2.42 0.00	43.27 2.64 0.00	48.93 3.37 0.00	56.30 4.31 0.00	60.16 5.12 0.00	59.53 4.71 0.00	57.28 4.44 0.00	55.71 4.17 0.00	51.78 3.70 0.00	48.03 3.10 0.00	48.31 3.16 0.00
MENANDS___115KV_TB5 355628	55.92 2.36 0.00	51.34 2.14 -0.65	46.45 2.00 0.00	42.93 1.61 -4.69	42.22 1.82 0.00	43.70 1.84 0.00	43.41 1.74 -2.91	41.46 1.67 0.00	42.26 1.82 0.00	41.92 1.77 0.00	41.17 1.66 0.00	39.77 1.60 0.00	39.51 1.56 0.00	40.03 1.54 0.00	42.25 1.63 0.00	46.93 1.37 0.00	53.33 1.35 0.00	56.69 1.65 0.00	56.13 1.32 0.00	54.06 1.22 0.00	52.78 1.24 0.00	49.23 1.15 0.00	46.01 1.08 0.00	46.46 1.31 0.00
MG INDUSTRY___DRP 24185	55.60 2.04 0.00	51.03 1.85 -0.63	46.19 1.73 0.00	42.56 1.36 -4.58	41.97 1.58 0.00	43.49 1.63 0.00	43.10 1.51 -2.84	41.22 1.43 0.00	41.98 1.54 0.00	41.60 1.45 0.00	40.85 1.34 0.00	39.46 1.30 0.00	39.21 1.25 0.00	39.76 1.27 0.00	41.97 1.34 0.00	46.79 1.23 0.00	53.23 1.25 0.00	56.58 1.54 0.00	56.08 1.26 0.00	54.01 1.16 0.00	52.72 1.19 0.00	49.18 1.11 0.00	45.92 0.99 0.00	46.37 1.22 0.00

MID___OSWEGATCHIE_HYD 23849	52.82 -0.75 0.00	47.89 -0.68 -0.01	43.65 -0.80 0.00	36.03 -0.70 -0.10	39.59 -0.81 0.00	40.85 -1.00 0.00	37.81 -1.01 -0.06	38.95 -0.84 0.00	43.87 -0.89 -4.32	43.87 -0.68 -4.39	44.21 -0.40 -5.10	39.72 -0.50 -2.05	37.46 -0.49 0.00	38.07 -0.42 0.00	39.94 -0.69 0.00	44.88 -0.68 0.00	51.72 -0.26 0.00	54.82 -0.22 0.00	54.87 0.05 0.00	53.11 0.26 0.00	51.59 0.05 0.00	48.08 0.00 0.00	44.97 0.04 0.00	45.29 0.14 0.00
MID___RAQUETTE_HYD 23851	53.19 -0.37 0.00	48.26 -0.29 0.00	43.96 -0.49 0.00	36.15 -0.48 0.00	39.71 -0.69 0.00	40.85 -1.00 0.00	37.75 -1.01 0.00	38.87 -0.92 0.00	45.76 -1.05 -6.36	45.90 -0.72 -6.47	46.74 -0.28 -7.51	40.84 -0.34 -3.01	37.61 -0.34 0.00	38.22 -0.27 0.00	40.02 -0.61 0.00	44.92 -0.64 0.00	51.36 -0.62 0.00	54.22 -0.83 0.00	54.71 -0.11 0.00	52.95 0.11 0.00	51.59 0.05 0.00	48.17 0.10 0.00	45.20 0.27 0.00	45.69 0.54 0.00
MILLIKEN___1 23584	53.67 0.11 0.00	48.76 0.00 -0.21	44.59 0.13 0.00	38.49 0.00 -1.86	40.56 0.16 0.00	42.15 0.29 0.00	40.08 0.19 -1.13	40.18 0.40 0.00	40.90 0.36 -0.09	40.90 0.32 -0.42	39.70 0.20 0.00	38.36 0.19 0.00	38.11 0.15 0.00	38.64 0.15 0.00	40.95 0.33 0.00	46.20 0.64 0.00	53.07 1.09 0.00	56.58 1.54 0.00	55.97 1.15 0.00	53.74 0.90 0.00	52.26 0.72 0.00	48.56 0.48 0.00	45.24 0.31 0.00	45.47 0.32 0.00
MILLIKEN___2 23585	53.67 0.11 0.00	48.76 0.00 -0.21	44.59 0.13 0.00	38.49 0.00 -1.86	40.56 0.16 0.00	42.15 0.29 0.00	40.08 0.19 -1.13	40.18 0.40 0.00	40.90 0.36 -0.09	40.90 0.32 -0.42	39.70 0.20 0.00	38.36 0.19 0.00	38.11 0.15 0.00	38.64 0.15 0.00	40.95 0.33 0.00	46.20 0.64 0.00	53.07 1.09 0.00	56.58 1.54 0.00	55.97 1.15 0.00	53.74 0.90 0.00	52.26 0.72 0.00	48.56 0.48 0.00	45.24 0.31 0.00	45.47 0.32 0.00
MILLIKEN___DIESEL 23629	53.67 0.11 0.00	48.76 0.00 -0.21	44.59 0.13 0.00	38.49 0.00 -1.86	40.56 0.16 0.00	42.15 0.29 0.00	40.08 0.19 -1.13	40.18 0.40 0.00	40.90 0.36 -0.09	40.90 0.32 -0.42	39.70 0.20 0.00	38.36 0.19 0.00	38.11 0.15 0.00	38.64 0.15 0.00	40.95 0.33 0.00	46.20 0.64 0.00	53.07 1.09 0.00	56.58 1.54 0.00	55.97 1.15 0.00	53.74 0.90 0.00	52.26 0.72 0.00	48.56 0.48 0.00	45.24 0.31 0.00	45.47 0.32 0.00
MILLSEAT___LFGE 323607	49.07 -4.50 0.00	44.52 -4.08 -0.04	40.90 -3.56 0.00	33.83 -3.00 -0.21	37.25 -3.15 0.00	38.89 -2.97 0.00	35.67 -3.22 -0.14	36.13 -3.66 0.00	36.35 -3.84 0.25	35.43 -3.61 1.11	35.59 -3.91 0.00	34.58 -3.59 0.00	34.58 -3.38 0.00	35.06 -3.43 0.00	37.30 -3.33 0.00	42.37 -3.19 0.00	49.33 -2.65 0.00	52.84 -2.20 0.00	52.19 -2.63 0.00	48.88 -3.96 0.00	48.29 -3.25 0.00	44.90 -3.17 0.00	42.28 -2.65 0.00	42.89 -2.26 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	57.16 3.59 0.00	52.30 3.25 -0.49	47.52 3.07 0.00	42.73 2.56 -3.54	43.18 2.79 0.00	44.66 2.80 0.00	43.51 2.56 -2.20	42.53 2.75 0.00	43.32 2.87 0.00	42.77 2.61 0.00	41.96 2.45 0.00	40.53 2.37 0.00	40.31 2.35 0.00	40.88 2.39 0.00	43.02 2.40 0.00	48.07 2.51 0.00	54.27 2.29 0.00	57.74 2.70 0.00	57.01 2.19 0.00	54.85 2.01 0.00	53.65 2.11 0.00	50.24 2.16 0.00	47.04 2.11 0.00	47.05 1.90 0.00
MILLWOOD_13_KV_LOAD 356217	57.32 3.75 0.00	52.39 3.35 -0.49	47.61 3.16 0.00	42.81 2.64 -3.54	43.27 2.87 0.00	44.75 2.89 0.00	43.58 2.64 -2.20	42.61 2.82 0.00	43.40 2.95 0.00	42.85 2.69 0.00	42.00 2.49 0.00	40.61 2.44 0.00	40.39 2.43 0.00	40.95 2.46 0.00	43.10 2.48 0.00	48.16 2.60 0.00	54.42 2.44 0.00	57.90 2.86 0.00	57.18 2.36 0.00	55.01 2.17 0.00	53.81 2.27 0.00	50.38 2.31 0.00	47.13 2.20 0.00	47.09 1.94 0.00
MODEL_CITY_ENERGY 24167	47.41 -6.16 0.00	43.11 -5.49 -0.04	39.65 -4.80 0.00	32.88 -3.96 -0.21	36.08 -4.32 0.00	37.67 -4.19 0.00	34.51 -4.38 -0.14	34.69 -5.09 0.00	34.83 -5.30 0.32	33.93 -4.86 1.36	34.29 -5.22 0.00	33.39 -4.77 0.00	33.44 -4.52 0.00	33.83 -4.66 0.00	35.96 -4.67 0.00	40.78 -4.78 0.00	47.41 -4.57 0.00	50.69 -4.35 0.00	50.10 -4.71 0.00	46.87 -5.97 0.00	46.39 -5.15 0.00	43.22 -4.85 0.00	40.84 -4.09 0.00	41.63 -3.52 0.00
MODERN_LFGE___ 323580	47.41 -6.16 0.00	43.11 -5.49 -0.04	39.65 -4.80 0.00	32.88 -3.96 -0.21	36.08 -4.32 0.00	37.67 -4.19 0.00	34.51 -4.38 -0.14	34.69 -5.09 0.00	34.83 -5.30 0.32	33.93 -4.86 1.36	34.29 -5.22 0.00	33.39 -4.77 0.00	33.44 -4.52 0.00	33.83 -4.66 0.00	35.96 -4.67 0.00	40.78 -4.78 0.00	47.41 -4.57 0.00	50.69 -4.35 0.00	50.10 -4.71 0.00	46.87 -5.97 0.00	46.39 -5.15 0.00	43.22 -4.85 0.00	40.84 -4.09 0.00	41.63 -3.52 0.00
MOHAWK_PAPER___DRP 24187	56.03 2.46 0.00	51.44 2.23 -0.65	46.54 2.09 0.00	42.98 1.65 -4.70	42.30 1.90 0.00	43.78 1.93 0.00	43.49 1.82 -2.92	41.54 1.75 0.00	42.34 1.90 0.00	42.00 1.85 0.00	41.24 1.74 0.00	39.84 1.68 0.00	39.59 1.63 0.00	40.11 1.62 0.00	42.33 1.71 0.00	47.11 1.55 0.00	53.59 1.61 0.00	56.97 1.93 0.00	56.41 1.59 0.00	54.32 1.48 0.00	52.98 1.44 0.00	49.42 1.35 0.00	46.14 1.21 0.00	46.60 1.44 0.00
MOHICAN___35_KV_115KV_LD 80490	57.21 3.64 0.00	52.42 3.20 -0.66	47.17 2.71 0.00	43.50 2.09 -4.78	42.86 2.46 0.00	44.41 2.55 0.00	44.32 2.60 -2.97	42.17 2.39 0.00	43.23 2.79 0.00	43.01 2.85 0.00	42.03 2.53 0.00	40.57 2.40 0.00	40.23 2.28 0.00	40.64 2.16 0.00	42.90 2.28 0.00	48.16 2.60 0.00	55.00 3.01 0.00	58.62 3.58 0.00	58.00 3.18 0.00	55.80 2.96 0.00	54.32 2.78 0.00	50.48 2.40 0.00	46.91 1.98 0.00	47.36 2.21 0.00
MONGAUP___HYD 23641	56.94 3.38 0.00	52.06 3.06 -0.45	47.26 2.80 0.00	42.26 2.38 -3.25	42.99 2.59 0.00	44.50 2.64 0.00	43.10 2.33 -2.02	42.13 2.35 0.00	42.95 2.51 0.00	42.36 2.21 0.00	41.48 1.97 0.00	40.00 1.83 0.00	39.82 1.86 0.00	40.37 1.89 0.00	42.62 1.99 0.00	47.79 2.23 0.00	54.11 2.13 0.00	57.74 2.70 0.00	57.34 2.52 0.00	54.90 2.06 0.00	53.55 2.01 0.00	50.14 2.07 0.00	46.95 2.02 0.00	47.00 1.85 0.00
MONTAUK___DIESEL 23721	58.87 5.30 0.00	53.66 4.61 -0.49	48.68 4.22 0.00	43.96 3.77 -3.56	44.40 4.00 0.00	45.88 4.02 0.00	44.93 3.95 -2.22	48.98 4.18 -5.02	50.28 4.25 -5.59	50.48 3.94 -6.39	48.39 3.48 -5.40	44.80 3.43 -3.20	41.31 3.34 -0.01	44.28 3.43 -2.37	45.10 3.58 -0.89	50.05 3.83 -0.66	63.59 3.74 -7.87	73.54 4.51 -13.98	69.57 3.89 -10.86	59.90 3.59 -3.46	56.74 3.66 -1.54	55.38 3.51 -3.80	48.31 3.37 -0.01	48.31 3.16 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	48.64 -4.93 0.00	43.70 -4.90 -0.05	40.76 -3.69 0.00	33.17 -3.66 -0.21	37.08 -3.31 0.00	38.97 -2.89 0.00	35.06 -3.84 -0.14	36.08 -3.70 0.00	36.67 -3.48 0.30	35.58 -3.25 1.32	35.16 -4.35 0.00	34.31 -3.85 0.00	34.54 -3.42 0.00	35.14 -3.35 0.00	37.74 -2.88 0.00	43.37 -2.19 0.00	50.68 -1.30 0.00	54.38 -0.66 0.00	53.50 -1.32 0.00	51.47 -1.37 0.00	50.04 -1.49 0.00	46.34 -1.73 0.00	43.40 -1.53 0.00	44.07 -1.08 0.00

MORRIS_RIDGE___SOLAR 323848	49.07 -4.50 0.00	44.56 -4.03 -0.04	41.03 -3.42 0.00	33.48 -3.22 -0.07	37.29 -3.11 0.00	38.93 -2.93 0.00	35.48 -3.33 -0.06	36.52 -3.26 0.00	35.23 -3.36 1.85	28.62 -3.29 8.25	35.95 -3.56 0.00	34.92 -3.24 0.00	35.03 -2.92 0.00	35.60 -2.89 0.00	37.94 -2.68 0.00	43.24 -2.32 0.00	50.27 -1.71 0.00	53.88 -1.16 0.00	53.34 -1.48 0.00	50.36 -2.48 0.00	49.58 -1.96 0.00	46.15 -1.92 0.00	43.31 -1.62 0.00	43.80 -1.35 0.00
MORTIMER_115KV_TB3 55949	50.03 -3.54 0.00	45.49 -3.11 -0.04	41.65 -2.80 0.00	34.72 -2.12 -0.22	37.93 -2.46 0.00	39.47 -2.39 0.00	36.68 -2.21 -0.14	36.96 -2.82 0.00	37.45 -2.99 0.00	37.23 -2.93 0.00	36.62 -2.88 0.00	35.53 -2.63 0.00	35.41 -2.54 0.00	35.91 -2.58 0.00	38.11 -2.52 0.00	43.19 -2.37 0.00	49.85 -2.13 0.00	53.17 -1.87 0.00	52.52 -2.30 0.00	50.47 -2.38 0.00	49.06 -2.47 0.00	45.58 -2.50 0.00	42.64 -2.29 0.00	43.16 -1.99 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	57.64 4.07 0.00	52.74 3.69 -0.49	47.92 3.47 0.00	43.12 2.93 -3.56	43.55 3.15 0.00	45.00 3.14 0.00	43.83 2.87 -2.21	42.89 3.10 0.00	43.64 3.20 0.00	43.13 2.97 0.00	42.27 2.77 0.00	40.84 2.67 0.00	40.61 2.66 0.00	41.18 2.69 0.00	43.35 2.72 0.00	48.34 2.78 0.00	54.42 2.44 0.00	57.96 2.92 0.00	57.18 2.36 0.00	55.01 2.17 0.00	53.86 2.32 0.00	50.53 2.45 0.00	47.35 2.43 0.00	47.32 2.17 0.00
MUNSVILLE_WIND_PWR 323609	56.89 3.32 0.00	51.83 3.06 -0.22	47.12 2.67 0.00	40.26 1.87 -1.76	42.74 2.34 0.00	44.58 2.72 0.00	42.12 2.29 -1.08	42.81 3.02 0.00	43.55 3.03 -0.07	43.43 2.97 -0.31	42.31 2.81 0.00	40.72 2.56 0.00	40.39 2.43 0.00	40.95 2.47 0.00	43.39 2.76 0.00	48.98 3.42 0.00	56.76 4.78 0.00	60.99 5.95 0.00	60.30 5.48 0.00	57.55 4.70 0.00	55.87 4.33 0.00	51.87 3.80 0.00	48.25 3.32 0.00	48.45 3.29 0.00
N SALMON___HYD 24042	53.67 0.11 0.00	48.50 -0.05 0.00	44.14 -0.31 0.00	36.23 -0.40 0.00	39.87 -0.53 0.00	41.15 -0.71 0.00	38.06 -0.70 0.00	39.27 -0.52 0.00	67.01 -0.69 -27.26	67.43 -0.44 -27.71	71.48 -0.20 -32.17	50.85 -0.23 -12.91	37.81 -0.15 0.00	38.34 -0.15 0.00	40.30 -0.33 0.00	45.61 0.05 0.00	52.40 0.41 0.00	55.54 0.49 0.00	55.91 1.10 0.00	54.74 1.90 0.00	53.45 1.91 0.00	49.71 1.64 0.00	46.54 1.62 0.00	46.91 1.76 0.00
N.AKRON__115KV_KNAPP 355671	48.85 -4.71 0.00	44.23 -4.37 -0.04	40.81 -3.65 0.00	33.76 -3.08 -0.21	37.17 -3.23 0.00	38.80 -3.06 0.00	35.59 -3.29 -0.14	35.81 -3.98 0.00	36.14 -4.04 0.26	35.27 -3.73 1.15	35.48 -4.03 0.00	34.50 -3.66 0.00	34.50 -3.45 0.00	34.99 -3.50 0.00	37.25 -3.37 0.00	42.51 -3.05 0.00	49.33 -2.65 0.00	52.79 -2.26 0.00	51.97 -2.85 0.00	49.99 -2.85 0.00	48.55 -2.99 0.00	44.95 -3.12 0.00	42.23 -2.70 0.00	43.03 -2.12 0.00
N.BELMOR_69_KV_BK1 55787	58.17 4.61 0.00	53.12 4.08 -0.49	48.28 3.82 0.00	43.63 3.44 -3.56	44.07 3.68 0.00	45.54 3.68 0.00	44.39 3.41 -2.22	48.38 3.58 -5.02	49.76 3.72 -5.59	50.00 3.45 -6.39	48.15 3.24 -5.40	44.53 3.17 -3.20	41.20 3.23 -0.01	44.09 3.23 -2.37	44.81 3.29 -0.89	49.68 3.46 -0.66	63.28 3.43 -7.86	72.93 3.91 -13.98	69.08 3.40 -10.86	59.42 3.12 -3.46	56.33 3.25 -1.54	55.09 3.22 -3.80	48.13 3.19 -0.01	47.63 2.48 0.00
N.E_GEN_SANDY PD 24062	64.05 3.32 -7.16	60.21 3.06 -8.60	59.70 2.80 -12.44	57.50 2.31 -18.56	58.50 2.59 -15.52	60.80 2.64 -16.30	61.40 2.40 -20.24	73.50 2.43 -31.29	65.60 2.59 -22.57	59.40 2.45 -16.79	55.90 2.29 -14.10	52.02 2.25 -11.60	50.61 2.24 -10.41	51.15 2.23 -10.43	53.00 2.31 -10.06	56.35 2.37 -8.42	64.40 2.39 -10.03	71.73 2.86 -13.83	72.78 2.69 -15.28	62.00 2.32 -6.83	57.10 2.32 -3.24	57.10 2.17 -6.86	50.42 2.07 -3.42	48.70 1.98 -1.56
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	56.83 3.27 0.00	51.99 2.96 -0.47	47.21 2.76 0.00	42.41 2.34 -3.43	42.94 2.55 0.00	44.41 2.55 0.00	43.21 2.33 -2.13	42.29 2.51 0.00	43.03 2.59 0.00	42.53 2.37 0.00	41.68 2.17 0.00	40.26 2.10 0.00	40.08 2.13 0.00	40.64 2.16 0.00	42.78 2.15 0.00	47.79 2.23 0.00	54.01 2.03 0.00	57.46 2.42 0.00	56.74 1.92 0.00	54.59 1.74 0.00	53.39 1.86 0.00	50.00 1.92 0.00	46.77 1.84 0.00	46.78 1.63 0.00
N.QUEENS_27_KV_LOAD 356247	58.18 4.61 -0.01	53.23 4.18 -0.50	48.42 3.96 -0.01	43.53 3.33 -3.57	43.96 3.55 -0.01	45.55 3.68 -0.01	44.30 3.33 -2.21	43.29 3.50 0.00	43.92 3.48 0.00	43.37 3.21 0.00	42.47 2.96 0.00	41.03 2.86 0.00	40.61 2.66 0.00	41.41 2.93 0.00	43.15 2.52 0.00	47.93 2.37 0.00	53.79 1.82 0.01	57.30 2.26 0.00	56.51 1.70 0.01	54.32 1.48 0.01	53.24 1.70 0.00	50.09 2.02 0.00	47.27 2.34 0.00	47.54 2.39 0.00
N.TROY___115KV_TB1 355778	56.51 2.95 0.00	51.83 2.62 -0.65	46.85 2.40 0.00	43.28 1.94 -4.71	42.58 2.18 0.00	44.12 2.26 0.00	43.81 2.13 -2.92	41.85 2.07 0.00	42.71 2.26 0.00	42.37 2.21 0.00	41.56 2.05 0.00	40.15 1.98 0.00	39.89 1.94 0.00	40.41 1.92 0.00	42.62 1.99 0.00	47.61 2.05 0.00	54.17 2.18 0.00	57.63 2.59 0.00	57.07 2.25 0.00	54.96 2.11 0.00	53.60 2.06 0.00	50.00 1.92 0.00	46.64 1.71 0.00	46.96 1.81 0.00
NARROWS_GT1_1 24228	58.12 4.55 0.00	53.27 4.22 -0.49	48.37 3.91 -0.01	43.46 3.26 -3.57	44.00 3.59 -0.01	45.41 3.56 0.00	44.02 3.06 -2.21	42.81 3.02 0.00	43.48 3.03 0.00	42.97 2.81 0.00	42.19 2.69 0.00	40.76 2.60 0.00	40.46 2.50 0.00	41.11 2.62 0.00	43.15 2.52 0.00	48.11 2.55 0.00	54.06 2.08 0.01	57.74 2.70 0.00	57.28 2.47 0.01	54.90 2.06 0.01	53.55 2.01 0.00	50.24 2.17 0.00	47.40 2.47 0.00	47.45 2.30 0.00
NARROWS_GT1_2 24229	58.12 4.55 0.00	53.27 4.22 -0.49	48.37 3.91 -0.01	43.46 3.26 -3.57	44.00 3.59 -0.01	45.41 3.56 0.00	44.02 3.06 -2.21	42.81 3.02 0.00	43.48 3.03 0.00	42.97 2.81 0.00	42.19 2.69 0.00	40.76 2.60 0.00	40.46 2.50 0.00	41.11 2.62 0.00	43.15 2.52 0.00	48.11 2.55 0.00	54.06 2.08 0.01	57.74 2.70 0.00	57.28 2.47 0.01	54.90 2.06 0.01	53.55 2.01 0.00	50.24 2.17 0.00	47.40 2.47 0.00	47.45 2.30 0.00
NARROWS_GT1_3 24230	58.12 4.55 0.00	53.27 4.22 -0.49	48.37 3.91 -0.01	43.46 3.26 -3.57	44.00 3.59 -0.01	45.41 3.56 0.00	44.02 3.06 -2.21	42.81 3.02 0.00	43.48 3.03 0.00	42.97 2.81 0.00	42.19 2.69 0.00	40.76 2.60 0.00	40.46 2.50 0.00	41.11 2.62 0.00	43.15 2.52 0.00	48.11 2.55 0.00	54.06 2.08 0.01	57.74 2.70 0.00	57.28 2.47 0.01	54.90 2.06 0.01	53.55 2.01 0.00	50.24 2.17 0.00	47.40 2.47 0.00	47.45 2.30 0.00
NARROWS_GT1_4 24231	58.12 4.55 0.00	53.27 4.22 -0.49	48.37 3.91 -0.01	43.46 3.26 -3.57	44.00 3.59 -0.01	45.41 3.56 0.00	44.02 3.06 -2.21	42.81 3.02 0.00	43.48 3.03 0.00	42.97 2.81 0.00	42.19 2.69 0.00	40.76 2.60 0.00	40.46 2.50 0.00	41.11 2.62 0.00	43.15 2.52 0.00	48.11 2.55 0.00	54.06 2.08 0.01	57.74 2.70 0.00	57.28 2.47 0.01	54.90 2.06 0.01	53.55 2.01 0.00	50.24 2.17 0.00	47.40 2.47 0.00	47.45 2.30 0.00

NARROWS_GT1_5 24232	58.12 4.55 0.00	53.27 4.22 -0.49	48.37 3.91 -0.01	43.46 3.26 -3.57	44.00 3.59 -0.01	45.41 3.56 0.00	44.02 3.06 -2.21	42.81 3.02 0.00	43.48 3.03 0.00	42.97 2.81 0.00	42.19 2.69 0.00	40.76 2.60 0.00	40.46 2.50 0.00	41.11 2.62 0.00	43.15 2.52 0.00	48.11 2.55 0.00	54.06 2.08 0.01	57.74 2.70 0.00	57.28 2.47 0.01	54.90 2.06 0.01	53.55 2.01 0.00	50.24 2.17 0.00	47.40 2.47 0.00	47.45 2.30 0.00
NARROWS_GT1_6 24233	58.12 4.55 0.00	53.27 4.22 -0.49	48.37 3.91 -0.01	43.46 3.26 -3.57	44.00 3.59 -0.01	45.41 3.56 0.00	44.02 3.06 -2.21	42.81 3.02 0.00	43.48 3.03 0.00	42.97 2.81 0.00	42.19 2.69 0.00	40.76 2.60 0.00	40.46 2.50 0.00	41.11 2.62 0.00	43.15 2.52 0.00	48.11 2.55 0.00	54.06 2.08 0.01	57.74 2.70 0.00	57.28 2.47 0.01	54.90 2.06 0.01	53.55 2.01 0.00	50.24 2.17 0.00	47.40 2.47 0.00	47.45 2.30 0.00
NARROWS_GT1_7 24234	58.12 4.55 0.00	53.27 4.22 -0.49	48.37 3.91 -0.01	43.46 3.26 -3.57	44.00 3.59 -0.01	45.41 3.56 0.00	44.02 3.06 -2.21	42.81 3.02 0.00	43.48 3.03 0.00	42.97 2.81 0.00	42.19 2.69 0.00	40.76 2.60 0.00	40.46 2.50 0.00	41.11 2.62 0.00	43.15 2.52 0.00	48.11 2.55 0.00	54.06 2.08 0.01	57.74 2.70 0.00	57.28 2.47 0.01	54.90 2.06 0.01	53.55 2.01 0.00	50.24 2.17 0.00	47.40 2.47 0.00	47.45 2.30 0.00
NARROWS_GT1_8 24235	58.12 4.55 0.00	53.27 4.22 -0.49	48.37 3.91 -0.01	43.46 3.26 -3.57	44.00 3.59 -0.01	45.41 3.56 0.00	44.02 3.06 -2.21	42.81 3.02 0.00	43.48 3.03 0.00	42.97 2.81 0.00	42.19 2.69 0.00	40.76 2.60 0.00	40.46 2.50 0.00	41.11 2.62 0.00	43.15 2.52 0.00	48.11 2.55 0.00	54.06 2.08 0.01	57.74 2.70 0.00	57.28 2.47 0.01	54.90 2.06 0.01	53.55 2.01 0.00	50.24 2.17 0.00	47.40 2.47 0.00	47.45 2.30 0.00
NARROWS_GT2_1 24236	58.12 4.55 0.00	53.27 4.22 -0.49	48.37 3.91 -0.01	43.46 3.26 -3.57	44.00 3.59 -0.01	45.41 3.56 0.00	44.02 3.06 -2.21	42.81 3.02 0.00	43.48 3.03 0.00	42.97 2.81 0.00	42.19 2.69 0.00	40.76 2.60 0.00	40.46 2.50 0.00	41.11 2.62 0.00	43.15 2.52 0.00	48.11 2.55 0.00	54.06 2.08 0.01	57.74 2.70 0.00	57.28 2.47 0.01	54.90 2.06 0.01	53.55 2.01 0.00	50.24 2.17 0.00	47.40 2.47 0.00	47.45 2.30 0.00
NARROWS_GT2_2 24237	58.12 4.55 0.00	53.27 4.22 -0.49	48.37 3.91 -0.01	43.46 3.26 -3.57	44.00 3.59 -0.01	45.41 3.56 0.00	44.02 3.06 -2.21	42.81 3.02 0.00	43.48 3.03 0.00	42.97 2.81 0.00	42.19 2.69 0.00	40.76 2.60 0.00	40.46 2.50 0.00	41.11 2.62 0.00	43.15 2.52 0.00	48.11 2.55 0.00	54.06 2.08 0.01	57.74 2.70 0.00	57.28 2.47 0.01	54.90 2.06 0.01	53.55 2.01 0.00	50.24 2.17 0.00	47.40 2.47 0.00	47.45 2.30 0.00
NARROWS_GT2_3 24238	58.12 4.55 0.00	53.27 4.22 -0.49	48.37 3.91 -0.01	43.46 3.26 -3.57	44.00 3.59 -0.01	45.41 3.56 0.00	44.02 3.06 -2.21	42.81 3.02 0.00	43.48 3.03 0.00	42.97 2.81 0.00	42.19 2.69 0.00	40.76 2.60 0.00	40.46 2.50 0.00	41.11 2.62 0.00	43.15 2.52 0.00	48.11 2.55 0.00	54.06 2.08 0.01	57.74 2.70 0.00	57.28 2.47 0.01	54.90 2.06 0.01	53.55 2.01 0.00	50.24 2.17 0.00	47.40 2.47 0.00	47.45 2.30 0.00
NARROWS_GT2_4 24239	58.12 4.55 0.00	53.27 4.22 -0.49	48.37 3.91 -0.01	43.46 3.26 -3.57	44.00 3.59 -0.01	45.41 3.56 0.00	44.02 3.06 -2.21	42.81 3.02 0.00	43.48 3.03 0.00	42.97 2.81 0.00	42.19 2.69 0.00	40.76 2.60 0.00	40.46 2.50 0.00	41.11 2.62 0.00	43.15 2.52 0.00	48.11 2.55 0.00	54.06 2.08 0.01	57.74 2.70 0.00	57.28 2.47 0.01	54.90 2.06 0.01	53.55 2.01 0.00	50.24 2.17 0.00	47.40 2.47 0.00	47.45 2.30 0.00
NARROWS_GT2_5 24240	58.12 4.55 0.00	53.27 4.22 -0.49	48.37 3.91 -0.01	43.46 3.26 -3.57	44.00 3.59 -0.01	45.41 3.56 0.00	44.02 3.06 -2.21	42.81 3.02 0.00	43.48 3.03 0.00	42.97 2.81 0.00	42.19 2.69 0.00	40.76 2.60 0.00	40.46 2.50 0.00	41.11 2.62 0.00	43.15 2.52 0.00	48.11 2.55 0.00	54.06 2.08 0.01	57.74 2.70 0.00	57.28 2.47 0.01	54.90 2.06 0.01	53.55 2.01 0.00	50.24 2.17 0.00	47.40 2.47 0.00	47.45 2.30 0.00
NARROWS_GT2_6 24241	58.12 4.55 0.00	53.27 4.22 -0.49	48.37 3.91 -0.01	43.46 3.26 -3.57	44.00 3.59 -0.01	45.41 3.56 0.00	44.02 3.06 -2.21	42.81 3.02 0.00	43.48 3.03 0.00	42.97 2.81 0.00	42.19 2.69 0.00	40.76 2.60 0.00	40.46 2.50 0.00	41.11 2.62 0.00	43.15 2.52 0.00	48.11 2.55 0.00	54.06 2.08 0.01	57.74 2.70 0.00	57.28 2.47 0.01	54.90 2.06 0.01	53.55 2.01 0.00	50.24 2.17 0.00	47.40 2.47 0.00	47.45 2.30 0.00
NARROWS_GT2_7 24242	58.12 4.55 0.00	53.27 4.22 -0.49	48.37 3.91 -0.01	43.46 3.26 -3.57	44.00 3.59 -0.01	45.41 3.56 0.00	44.02 3.06 -2.21	42.81 3.02 0.00	43.48 3.03 0.00	42.97 2.81 0.00	42.19 2.69 0.00	40.76 2.60 0.00	40.46 2.50 0.00	41.11 2.62 0.00	43.15 2.52 0.00	48.11 2.55 0.00	54.06 2.08 0.01	57.74 2.70 0.00	57.28 2.47 0.01	54.90 2.06 0.01	53.55 2.01 0.00	50.24 2.17 0.00	47.40 2.47 0.00	47.45 2.30 0.00
NARROWS_GT2_8 24243	58.12 4.55 0.00	53.27 4.22 -0.49	48.37 3.91 -0.01	43.46 3.26 -3.57	44.00 3.59 -0.01	45.41 3.56 0.00	44.02 3.06 -2.21	42.81 3.02 0.00	43.48 3.03 0.00	42.97 2.81 0.00	42.19 2.69 0.00	40.76 2.60 0.00	40.46 2.50 0.00	41.11 2.62 0.00	43.15 2.52 0.00	48.11 2.55 0.00	54.06 2.08 0.01	57.74 2.70 0.00	57.28 2.47 0.01	54.90 2.06 0.01	53.55 2.01 0.00	50.24 2.17 0.00	47.40 2.47 0.00	47.45 2.30 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	56.67 3.11 0.00	51.73 2.57 -0.61	47.21 2.76 0.00	42.96 1.94 -4.39	42.94 2.55 0.00	44.45 2.60 0.00	43.57 2.09 -2.72	41.97 2.19 0.00	42.91 2.47 0.00	42.41 2.25 0.00	41.44 1.94 0.00	39.96 1.79 0.00	39.70 1.75 0.00	40.22 1.73 0.00	42.62 1.99 0.00	47.52 1.96 0.00	54.37 2.39 0.00	57.90 2.86 0.00	57.23 2.41 0.00	55.06 2.22 0.00	53.70 2.16 0.00	49.95 1.87 0.00	46.64 1.71 0.00	47.18 2.03 0.00
NCHELSEA_115KV_TR2 355582	57.58 4.02 0.00	52.74 3.69 -0.49	47.88 3.42 0.00	43.08 2.89 -3.56	43.55 3.15 0.00	45.04 3.18 0.00	43.83 2.87 -2.21	42.77 2.98 0.00	43.64 3.20 0.00	43.01 2.85 0.00	42.15 2.65 0.00	40.68 2.52 0.00	40.50 2.54 0.00	41.07 2.58 0.00	43.31 2.68 0.00	48.39 2.82 0.00	54.89 2.91 0.00	58.40 3.36 0.00	57.67 2.85 0.00	55.43 2.59 0.00	54.22 2.68 0.00	50.62 2.55 0.00	47.40 2.47 0.00	47.41 2.26 0.00
NEG CAPITAL___MECHNVIL 23645	57.16 3.59 0.00	52.41 3.20 -0.66	47.26 2.80 0.00	43.65 2.27 -4.75	42.99 2.59 0.00	44.50 2.64 0.00	44.30 2.60 -2.95	42.25 2.47 0.00	43.23 2.79 0.00	42.89 2.73 0.00	42.04 2.53 0.00	40.57 2.41 0.00	40.27 2.32 0.00	40.76 2.27 0.00	43.02 2.40 0.00	48.16 2.60 0.00	54.94 2.96 0.00	58.62 3.58 0.00	58.22 3.40 0.00	55.85 3.01 0.00	54.37 2.83 0.00	50.57 2.50 0.00	47.13 2.20 0.00	47.45 2.30 0.00



NEG CENTRAL_HIGH_ACRES 23767	49.76 -3.80 0.00	45.15 -3.45 -0.04	41.39 -3.07 0.00	34.48 -2.42 -0.27	37.65 -2.75 0.00	39.14 -2.72 0.00	36.48 -2.44 -0.17	37.00 -2.79 0.00	37.45 -2.99 0.00	37.14 -3.01 0.00	36.54 -2.96 0.00	35.42 -2.75 0.00	35.22 -2.73 0.00	35.76 -2.73 0.00	37.91 -2.72 0.00	42.87 -2.69 0.00	49.44 -2.55 0.00	52.73 -2.31 0.00	52.19 -2.63 0.00	49.46 -3.38 0.00	48.50 -3.04 0.00	45.09 -2.98 0.00	42.19 -2.74 0.00	42.53 -2.62 0.00
NEG CENTRAL___DRP 24199	52.01 -1.55 0.00	47.19 -1.41 -0.04	43.39 -1.07 0.00	35.83 -1.03 -0.23	39.43 -0.97 0.00	41.02 -0.84 0.00	38.05 -0.85 -0.15	38.99 -0.80 0.00	39.71 -0.85 -0.12	39.85 -0.84 -0.53	38.56 -0.95 0.00	37.25 -0.92 0.00	37.05 -0.91 0.00	37.56 -0.92 0.00	39.85 -0.77 0.00	45.11 -0.46 0.00	51.77 -0.21 0.00	55.26 0.22 0.00	54.60 -0.22 0.00	52.42 -0.42 0.00	50.97 -0.57 0.00	47.40 -0.67 0.00	44.21 -0.72 0.00	44.52 -0.63 0.00
NEG CENTRAL___INDECK 23768	51.26 -2.30 0.00	46.45 -2.14 -0.03	42.63 -1.82 0.00	34.99 -1.68 -0.05	38.82 -1.58 0.00	40.44 -1.42 0.00	37.28 -1.51 -0.04	38.31 -1.47 0.00	40.05 -1.70 -1.30	44.14 -1.81 -5.78	37.41 -2.10 0.00	36.26 -1.91 0.00	36.17 -1.78 0.00	36.72 -1.77 0.00	39.12 -1.50 0.00	44.69 -0.87 0.00	52.19 0.21 0.00	56.09 1.04 0.00	55.42 0.60 0.00	52.26 -0.58 0.00	51.33 -0.21 0.00	47.64 -0.43 0.00	44.52 -0.41 0.00	44.88 -0.27 0.00
NEG CENTRAL___SENECA 23627	51.74 -1.82 0.00	47.03 -1.55 -0.03	43.30 -1.16 0.00	35.51 -1.17 -0.05	39.35 -1.05 0.00	40.98 -0.88 0.00	37.82 -0.97 -0.04	38.87 -0.92 0.00	39.66 -0.97 -0.19	40.04 -0.96 -0.85	38.36 -1.15 0.00	37.10 -1.07 0.00	36.93 -1.02 0.00	37.45 -1.04 0.00	39.81 -0.81 0.00	45.15 -0.41 0.00	51.93 -0.05 0.00	55.48 0.44 0.00	54.76 -0.05 0.00	52.53 -0.32 0.00	51.02 -0.52 0.00	47.50 -0.58 0.00	44.34 -0.58 0.00	44.70 -0.45 0.00
NEG CENTRAL___STATE_STREET 24147	52.60 -0.96 0.00	47.71 -0.92 -0.08	43.74 -0.71 0.00	36.57 -0.66 -0.60	39.79 -0.61 0.00	41.36 -0.50 0.00	38.62 -0.50 -0.37	39.39 -0.40 0.00	40.04 -0.40 0.00	39.72 -0.44 0.00	39.03 -0.47 0.00	37.71 -0.46 0.00	37.46 -0.49 0.00	37.99 -0.50 0.00	40.26 -0.37 0.00	45.38 -0.18 0.00	52.09 0.10 0.00	55.48 0.44 0.00	54.87 0.05 0.00	52.74 -0.11 0.00	51.28 -0.26 0.00	47.64 -0.43 0.00	44.39 -0.54 0.00	44.61 -0.54 0.00
NEG MILLWOOD___DRP 24198	57.91 4.34 0.00	52.98 3.93 -0.50	48.14 3.69 0.00	43.26 3.04 -3.60	43.71 3.31 0.00	45.29 3.43 0.00	44.01 3.02 -2.23	42.93 3.14 0.00	43.84 3.40 0.00	43.21 3.05 0.00	42.31 2.80 0.00	40.91 2.75 0.00	40.77 2.81 0.00	41.34 2.85 0.00	43.55 2.93 0.00	48.71 3.14 0.00	55.20 3.22 0.00	58.73 3.69 0.00	58.00 3.18 0.00	55.80 2.96 0.00	54.53 2.99 0.00	50.91 2.84 0.00	47.62 2.70 0.00	47.54 2.39 0.00
NEG NORTH_FLCN_SEA 23793	53.19 -0.37 0.00	48.12 -0.44 0.00	43.70 -0.76 0.00	35.86 -0.77 0.00	39.35 -1.05 0.00	40.60 -1.26 0.00	37.63 -1.12 0.00	38.75 -1.03 0.00	0.81 -1.25 38.38	0.05 -1.08 39.02	-6.65 -0.87 45.29	19.10 -0.88 18.18	37.16 -0.80 0.00	37.72 -0.77 0.00	39.69 -0.93 0.00	44.92 -0.64 0.00	51.57 -0.42 0.00	54.99 -0.06 0.00	55.81 0.99 0.00	54.22 1.37 0.00	53.08 1.55 0.00	49.37 1.30 0.00	46.32 1.39 0.00	46.60 1.44 0.00
NEG NORTH_KES_CHATEGAY 23792	53.03 -0.54 0.00	47.97 -0.58 0.00	43.56 -0.89 0.00	35.79 -0.84 0.00	39.27 -1.13 0.00	40.52 -1.34 0.00	37.55 -1.20 0.00	38.63 -1.15 0.00	-1.89 -1.38 40.96	-2.69 -1.20 41.64	-9.77 -0.95 48.33	17.81 -0.95 19.41	37.05 -0.91 0.00	37.60 -0.89 0.00	39.61 -1.02 0.00	44.79 -0.77 0.00	51.46 -0.52 0.00	54.71 -0.33 0.00	55.59 0.77 0.00	54.01 1.16 0.00	52.88 1.34 0.00	49.18 1.11 0.00	46.14 1.21 0.00	46.42 1.26 0.00
NEG NORTH___ALICE_FALLS 23915	53.57 0.00 0.00	48.41 -0.15 0.00	43.96 -0.49 0.00	36.08 -0.55 0.00	39.63 -0.77 0.00	40.90 -0.96 0.00	37.90 -0.85 0.00	39.07 -0.72 0.00	0.73 -0.93 38.79	0.00 -0.72 39.44	-6.74 -0.47 45.77	19.22 -0.57 18.38	37.46 -0.49 0.00	38.03 -0.46 0.00	40.06 -0.57 0.00	45.33 -0.23 0.00	52.14 0.16 0.00	55.59 0.55 0.00	56.41 1.59 0.00	54.80 1.96 0.00	53.60 2.06 0.00	49.76 1.68 0.00	46.68 1.75 0.00	46.96 1.81 0.00
NEG NORTH___LWR_SARANAC 23913	53.57 0.00 0.00	48.41 -0.15 0.00	43.96 -0.49 0.00	36.08 -0.55 0.00	39.63 -0.77 0.00	40.90 -0.96 0.00	37.90 -0.85 0.00	39.07 -0.72 0.00	0.73 -0.93 38.79	0.00 -0.72 39.44	-6.74 -0.47 45.77	19.22 -0.57 18.38	37.46 -0.49 0.00	38.03 -0.46 0.00	40.06 -0.57 0.00	45.33 -0.23 0.00	52.14 0.16 0.00	55.59 0.55 0.00	56.41 1.59 0.00	54.80 1.96 0.00	53.60 2.06 0.00	49.76 1.68 0.00	46.68 1.75 0.00	46.96 1.81 0.00
NEG NORTH___PLATTSBURG 23628	53.57 0.00 0.00	48.36 -0.19 0.00	43.97 -0.49 0.00	36.08 -0.55 0.00	39.63 -0.77 0.00	40.90 -0.96 0.00	37.90 -0.85 0.00	39.07 -0.71 0.00	0.73 -0.93 38.79	0.00 -0.72 39.44	-6.74 -0.47 45.77	19.22 -0.57 18.38	37.46 -0.49 0.00	38.03 -0.46 0.00	40.06 -0.57 0.00	45.34 -0.23 0.00	52.14 0.16 0.00	55.48 0.44 0.00	55.91 1.10 0.00	54.80 1.96 0.00	53.55 2.01 0.00	49.76 1.68 0.00	46.64 1.71 0.00	46.96 1.81 0.00
NEG WEST_LEA_LOCKPORT 23791	47.83 -5.73 0.00	43.35 -5.24 -0.04	40.05 -4.40 0.00	33.17 -3.66 -0.21	36.48 -3.92 0.00	38.09 -3.77 0.00	34.86 -4.03 -0.13	34.93 -4.85 0.00	35.19 -4.93 0.32	34.18 -4.58 1.40	34.69 -4.82 0.00	33.78 -4.39 0.00	33.82 -4.14 0.00	34.25 -4.23 0.00	36.48 -4.14 0.00	41.55 -4.01 0.00	48.19 -3.79 0.00	51.52 -3.52 0.00	50.76 -4.06 0.00	48.88 -3.96 0.00	47.42 -4.12 0.00	43.99 -4.09 0.00	41.42 -3.50 0.00	42.35 -2.80 0.00
NEG WEST___LANCASTR 23811	49.87 -3.70 0.00	44.18 -4.42 -0.05	41.79 -2.67 0.00	33.14 -3.70 -0.21	38.01 -2.38 0.00	39.77 -2.09 0.00	34.79 -4.11 -0.14	36.84 -2.94 0.00	37.89 -2.22 0.33	36.57 -2.13 1.46	36.50 -3.00 0.00	35.49 -2.67 0.00	35.60 -2.35 0.00	36.06 -2.42 0.00	38.43 -2.19 0.00	43.78 -1.78 0.00	50.79 -1.20 0.00	54.38 -0.66 0.00	53.50 -1.32 0.00	51.42 -1.43 0.00	50.04 -1.49 0.00	46.44 -1.63 0.00	43.63 -1.30 0.00	44.34 -0.81 0.00
NEG_PENN_ALLEGHNY 23528	53.14 -0.43 0.00	48.28 -0.44 -0.17	44.23 -0.22 0.00	37.43 -0.40 -1.20	40.20 -0.20 0.00	41.78 -0.08 0.00	39.15 -0.35 -0.75	39.71 -0.08 0.00	40.36 -0.08 0.00	40.04 -0.12 0.00	39.23 -0.27 0.00	37.94 -0.23 0.00	37.77 -0.19 0.00	38.26 -0.23 0.00	40.55 -0.08 0.00	45.65 0.09 0.00	52.40 0.41 0.00	55.81 0.77 0.00	55.37 0.55 0.00	52.84 0.00 0.00	51.59 0.05 0.00	48.03 -0.05 0.00	44.84 -0.09 0.00	45.11 -0.05 0.00
NEG___GEN_MONROE 24207	49.82 -3.75 0.00	45.24 -3.35 -0.04	41.48 -2.98 0.00	34.57 -2.27 -0.22	37.81 -2.59 0.00	39.35 -2.51 0.00	36.49 -2.40 -0.14	36.76 -3.02 0.00	37.23 -3.15 0.06	36.84 -3.05 0.26	36.46 -3.04 0.00	35.38 -2.79 0.00	35.26 -2.69 0.00	35.72 -2.77 0.00	37.90 -2.72 0.00	43.01 -2.55 0.00	49.69 -2.29 0.00	53.12 -1.93 0.00	52.41 -2.41 0.00	50.41 -2.43 0.00	49.01 -2.53 0.00	45.53 -2.55 0.00	42.59 -2.34 0.00	43.21 -1.94 0.00

NEPA___ENERGY 23901	48.64 -4.93 0.00	43.84 -4.76 -0.05	40.76 -3.69 0.00	33.35 -3.48 -0.20	37.08 -3.31 0.00	38.85 -3.01 0.00	35.13 -3.76 -0.13	35.77 -4.02 0.00	36.13 -3.88 0.43	34.60 -3.65 1.90	35.44 -4.07 0.00	34.50 -3.66 0.00	34.65 -3.30 0.00	35.14 -3.35 0.00	37.50 -3.13 0.00	42.83 -2.73 0.00	49.80 -2.18 0.00	53.39 -1.65 0.00	52.52 -2.30 0.00	50.57 -2.27 0.00	49.17 -2.37 0.00	45.53 -2.55 0.00	42.77 -2.16 0.00	43.57 -1.58 0.00
NEVERSink___HYD 23608	57.59 4.02 0.00	52.69 3.69 -0.45	47.83 3.38 0.00	42.80 2.93 -3.24	43.55 3.15 0.00	45.08 3.22 0.00	43.67 2.91 -2.01	42.69 2.90 0.00	43.60 3.16 0.00	42.97 2.81 0.00	42.07 2.57 0.00	40.57 2.41 0.00	40.35 2.39 0.00	40.91 2.43 0.00	43.27 2.64 0.00	48.48 2.92 0.00	55.15 3.17 0.00	58.79 3.74 0.00	58.44 3.62 0.00	55.91 3.06 0.00	54.53 2.99 0.00	50.81 2.74 0.00	47.53 2.60 0.00	47.54 2.39 0.00
NEWKRMKL_115KV_TB1 55635	55.76 2.20 0.00	51.24 2.04 -0.65	46.32 1.87 0.00	42.82 1.50 -4.69	42.09 1.70 0.00	43.58 1.72 0.00	43.33 1.67 -2.91	41.38 1.59 0.00	42.18 1.74 0.00	41.84 1.69 0.00	41.05 1.54 0.00	39.69 1.53 0.00	39.44 1.48 0.00	39.95 1.46 0.00	42.17 1.54 0.00	46.79 1.23 0.00	53.18 1.20 0.00	56.47 1.43 0.00	55.91 1.10 0.00	53.85 1.00 0.00	52.57 1.03 0.00	49.04 0.96 0.00	45.83 0.90 0.00	46.37 1.22 0.00
NEWTON___FALLS_HYD 23847	52.82 -0.75 0.00	47.89 -0.68 -0.01	43.65 -0.80 0.00	36.03 -0.70 -0.10	39.59 -0.81 0.00	40.85 -1.00 0.00	37.81 -1.01 -0.06	38.95 -0.84 0.00	43.87 -0.89 -4.32	43.87 -0.68 -4.39	44.21 -0.40 -5.10	39.72 -0.50 -2.05	37.46 -0.49 0.00	38.07 -0.42 0.00	39.94 -0.69 0.00	44.88 -0.68 0.00	51.72 -0.26 0.00	54.82 -0.22 0.00	54.87 0.05 0.00	53.11 0.26 0.00	51.59 0.05 0.00	48.08 0.00 0.00	44.97 0.04 0.00	45.29 0.14 0.00
NGRID_A1_DSASP 323792	47.24 -6.32 0.00	42.97 -5.63 -0.04	39.56 -4.89 0.00	32.88 -3.96 -0.21	36.00 -4.40 0.00	37.55 -4.31 0.00	34.47 -4.42 -0.14	34.49 -5.29 0.00	34.58 -5.54 0.32	33.70 -5.02 1.44	34.13 -5.37 0.00	33.24 -4.92 0.00	33.29 -4.67 0.00	33.68 -4.81 0.00	35.79 -4.84 0.00	40.50 -5.06 0.00	47.04 -4.94 0.00	50.25 -4.79 0.00	49.72 -5.10 0.00	46.50 -6.34 0.00	45.97 -5.57 0.00	42.88 -5.19 0.00	40.57 -4.36 0.00	41.40 -3.75 0.00
NGRID_A2_DSASP 323793	47.24 -6.32 0.00	42.97 -5.63 -0.04	39.56 -4.89 0.00	32.88 -3.96 -0.21	36.00 -4.40 0.00	37.55 -4.31 0.00	34.47 -4.42 -0.14	34.49 -5.29 0.00	34.58 -5.54 0.32	33.70 -5.02 1.44	34.13 -5.37 0.00	33.24 -4.92 0.00	33.29 -4.67 0.00	33.68 -4.81 0.00	35.79 -4.84 0.00	40.50 -5.06 0.00	47.04 -4.94 0.00	50.25 -4.79 0.00	49.72 -5.10 0.00	46.50 -6.34 0.00	45.97 -5.57 0.00	42.88 -5.19 0.00	40.57 -4.36 0.00	41.40 -3.75 0.00
NGRID_A4_DSASP 323807	47.24 -6.32 0.00	42.97 -5.63 -0.04	39.56 -4.89 0.00	32.88 -3.96 -0.21	36.00 -4.40 0.00	37.55 -4.31 0.00	34.47 -4.42 -0.14	34.49 -5.29 0.00	34.58 -5.54 0.32	33.70 -5.02 1.44	34.13 -5.37 0.00	33.24 -4.92 0.00	33.29 -4.67 0.00	33.68 -4.81 0.00	35.79 -4.84 0.00	40.50 -5.06 0.00	47.04 -4.94 0.00	50.25 -4.79 0.00	49.72 -5.10 0.00	46.50 -6.34 0.00	45.97 -5.57 0.00	42.88 -5.19 0.00	40.57 -4.36 0.00	41.40 -3.75 0.00
NIAGARA_115E_LBMP 323715	47.08 -6.48 0.00	42.82 -5.78 -0.04	39.43 -5.02 0.00	32.70 -4.14 -0.21	35.87 -4.52 0.00	37.42 -4.44 0.00	34.32 -4.57 -0.14	34.45 -5.33 0.00	34.54 -5.58 0.32	33.66 -5.10 1.39	34.05 -5.45 0.00	33.13 -5.04 0.00	33.21 -4.75 0.00	33.60 -4.89 0.00	35.71 -4.92 0.00	40.46 -5.10 0.00	47.04 -4.94 0.00	50.25 -4.79 0.00	49.66 -5.16 0.00	46.50 -6.34 0.00	45.97 -5.57 0.00	42.88 -5.19 0.00	40.53 -4.40 0.00	41.31 -3.84 0.00
NIAGARA_115W_LBMP 323714	47.14 -6.43 0.00	42.87 -5.73 -0.04	39.48 -4.98 0.00	32.81 -4.03 -0.21	35.91 -4.49 0.00	37.46 -4.39 0.00	34.43 -4.46 -0.14	34.45 -5.33 0.00	34.54 -5.58 0.32	33.70 -5.02 1.43	34.05 -5.45 0.00	33.17 -5.00 0.00	33.25 -4.71 0.00	33.60 -4.89 0.00	35.71 -4.92 0.00	40.41 -5.15 0.00	46.94 -5.04 0.00	50.14 -4.90 0.00	49.56 -5.26 0.00	46.39 -6.45 0.00	45.87 -5.67 0.00	42.79 -5.29 0.00	40.48 -4.45 0.00	41.31 -3.84 0.00
NIAGARA_230_LBMP 323716	47.67 -5.89 0.00	43.35 -5.24 -0.04	39.92 -4.53 0.00	33.14 -3.70 -0.21	36.32 -4.08 0.00	37.84 -4.02 0.00	34.74 -4.15 -0.14	34.89 -4.90 0.00	35.00 -5.14 0.31	33.76 -5.02 1.37	34.49 -5.02 0.00	33.55 -4.62 0.00	33.59 -4.36 0.00	33.99 -4.50 0.00	36.12 -4.51 0.00	40.87 -4.69 0.00	47.46 -4.52 0.00	50.69 -4.35 0.00	50.10 -4.71 0.00	46.93 -5.92 0.00	46.39 -5.15 0.00	43.27 -4.81 0.00	40.89 -4.04 0.00	41.72 -3.43 0.00
NIAGARA___115KV_198_GIBSON 55903	47.08 -6.48 0.00	42.72 -5.87 -0.04	39.47 -4.98 0.00	32.81 -4.03 -0.21	35.91 -4.48 0.00	37.51 -4.35 0.00	34.43 -4.46 -0.14	34.25 -5.53 0.00	34.46 -5.66 0.32	33.66 -5.06 1.43	34.05 -5.45 0.00	33.17 -5.00 0.00	33.25 -4.71 0.00	33.60 -4.89 0.00	35.75 -4.88 0.00	40.69 -4.88 0.00	47.10 -4.89 0.00	50.31 -4.73 0.00	49.56 -5.26 0.00	47.72 -5.13 0.00	46.33 -5.21 0.00	42.98 -5.10 0.00	40.57 -4.36 0.00	41.54 -3.61 0.00
NIAGARA___ 23760	47.67 -5.89 0.00	43.35 -5.24 -0.04	39.92 -4.53 0.00	33.14 -3.70 -0.21	36.32 -4.08 0.00	37.84 -4.02 0.00	34.74 -4.15 -0.14	34.89 -4.90 0.00	34.99 -5.14 0.32	33.76 -5.02 1.38	34.49 -5.02 0.00	33.55 -4.62 0.00	33.59 -4.36 0.00	33.99 -4.50 0.00	36.12 -4.51 0.00	40.87 -4.69 0.00	47.46 -4.52 0.00	50.69 -4.35 0.00	50.10 -4.71 0.00	46.93 -5.92 0.00	46.39 -5.15 0.00	43.27 -4.81 0.00	40.89 -4.04 0.00	41.72 -3.43 0.00
NINE_MILE_1 23575	51.26 -2.30 0.00	46.50 -2.09 -0.03	42.59 -1.87 0.00	35.32 -1.54 -0.23	38.74 -1.66 0.00	40.18 -1.68 0.00	37.34 -1.55 -0.14	38.15 -1.63 0.00	38.78 -1.66 0.00	38.47 -1.69 0.00	37.85 -1.66 0.00	36.56 -1.60 0.00	36.36 -1.59 0.00	36.87 -1.62 0.00	38.96 -1.67 0.00	43.78 -1.78 0.00	50.06 -1.92 0.00	53.17 -1.87 0.00	52.85 -1.97 0.00	50.67 -2.17 0.00	49.53 -2.01 0.00	46.10 -1.97 0.00	43.04 -1.89 0.00	43.30 -1.85 0.00
NINE_MILE_2 23744	51.26 -2.30 0.00	46.50 -2.09 -0.03	42.59 -1.87 0.00	35.35 -1.50 -0.23	38.74 -1.66 0.00	40.18 -1.68 0.00	37.34 -1.55 -0.14	38.15 -1.63 0.00	38.78 -1.66 0.00	38.47 -1.69 0.00	37.85 -1.66 0.00	36.56 -1.60 0.00	36.36 -1.59 0.00	36.87 -1.62 0.00	38.96 -1.67 0.00	43.78 -1.78 0.00	50.06 -1.92 0.00	53.17 -1.87 0.00	52.85 -1.97 0.00	50.67 -2.17 0.00	49.53 -2.01 0.00	46.10 -1.97 0.00	43.04 -1.89 0.00	43.30 -1.85 0.00
NM_CAPITAL___DRP 24208	55.87 2.30 0.00	51.29 2.09 -0.65	46.37 1.91 0.00	42.85 1.54 -4.68	42.17 1.78 0.00	43.66 1.80 0.00	43.36 1.71 -2.90	41.42 1.63 0.00	42.22 1.78 0.00	41.84 1.69 0.00	41.09 1.58 0.00	39.73 1.56 0.00	39.47 1.52 0.00	39.99 1.50 0.00	42.21 1.58 0.00	46.84 1.28 0.00	53.23 1.25 0.00	56.58 1.54 0.00	56.02 1.21 0.00	53.95 1.11 0.00	52.67 1.13 0.00	49.13 1.06 0.00	45.92 0.99 0.00	46.42 1.26 0.00

NM_CENTRAL___DRP 24181	52.17 -1.39 0.00	47.29 -1.31 -0.05	43.34 -1.11 0.00	36.08 -0.88 -0.33	39.47 -0.93 0.00	40.98 -0.88 0.00	38.14 -0.81 -0.21	38.95 -0.84 0.00	39.59 -0.85 0.00	39.31 -0.84 0.00	38.64 -0.87 0.00	37.33 -0.84 0.00	37.08 -0.87 0.00	37.60 -0.89 0.00	39.81 -0.81 0.00	44.74 -0.82 0.00	51.20 -0.78 0.00	54.44 -0.61 0.00	53.89 -0.93 0.00	51.84 -1.00 0.00	50.51 -1.03 0.00	46.97 -1.11 0.00	43.81 -1.12 0.00	44.02 -1.13 0.00
NM_FRONTIER___DRP 24179	47.08 -6.48 0.00	42.72 -5.87 -0.04	39.47 -4.98 0.00	32.81 -4.03 -0.21	35.91 -4.48 0.00	37.51 -4.35 0.00	34.43 -4.46 -0.14	34.25 -5.53 0.00	34.46 -5.66 0.32	33.66 -5.06 1.43	34.05 -5.45 0.00	33.17 -5.00 0.00	33.25 -4.71 0.00	33.60 -4.89 0.00	35.75 -4.88 0.00	40.69 -4.88 0.00	47.10 -4.89 0.00	50.31 -4.73 0.00	49.56 -5.26 0.00	47.72 -5.13 0.00	46.33 -5.21 0.00	42.98 -5.10 0.00	40.57 -4.36 0.00	41.54 -3.61 0.00
NM_ST_REGIS___HYD 24053	53.35 -0.21 0.00	48.36 -0.19 0.00	44.01 -0.44 0.00	36.19 -0.44 0.00	39.75 -0.65 0.00	40.94 -0.92 0.00	37.82 -0.93 0.00	38.99 -0.80 0.00	50.14 -0.97 -10.66	50.32 -0.68 -10.84	51.81 -0.28 -12.58	42.91 -0.31 -5.05	37.65 -0.30 0.00	38.26 -0.23 0.00	40.06 -0.57 0.00	45.11 -0.46 0.00	51.62 -0.36 0.00	54.60 -0.44 0.00	55.20 0.38 0.00	53.48 0.63 0.00	52.11 0.57 0.00	48.60 0.53 0.00	45.60 0.67 0.00	46.05 0.90 0.00
NORTHPORT___1 23551	58.28 4.71 0.00	53.56 4.52 -0.49	48.37 3.91 0.00	43.63 3.44 -3.56	44.19 3.80 0.00	45.71 3.85 0.00	44.50 3.53 -2.22	48.42 3.62 -5.02	49.80 3.76 -5.59	50.03 3.49 -6.39	48.15 3.24 -5.40	44.49 3.13 -3.20	41.12 3.15 -0.01	44.01 3.16 -2.37	44.77 3.25 -0.89	49.73 3.51 -0.66	63.28 3.43 -7.86	72.82 3.80 -13.98	69.41 3.73 -10.86	59.63 3.33 -3.46	56.33 3.25 -1.54	55.04 3.17 -3.80	47.64 2.70 -0.01	47.41 2.26 0.00
NORTHPORT___2 23552	58.28 4.71 0.00	53.56 4.52 -0.49	48.37 3.91 0.00	43.63 3.44 -3.56	44.19 3.80 0.00	45.71 3.85 0.00	44.50 3.53 -2.22	48.42 3.62 -5.02	49.80 3.76 -5.59	50.03 3.49 -6.39	48.15 3.24 -5.40	44.49 3.13 -3.20	41.12 3.15 -0.01	44.01 3.16 -2.37	44.77 3.25 -0.89	49.73 3.51 -0.66	63.28 3.43 -7.86	72.82 3.80 -13.98	69.41 3.73 -10.86	59.63 3.33 -3.46	56.33 3.25 -1.54	55.04 3.17 -3.80	47.64 2.70 -0.01	47.41 2.26 0.00
NORTHPORT___3 23553	58.87 5.30 0.00	53.95 4.90 -0.49	48.81 4.36 0.00	43.97 3.77 -3.56	44.56 4.16 0.00	46.04 4.19 0.00	44.81 3.84 -2.22	48.74 3.94 -5.02	50.16 4.13 -5.59	50.44 3.89 -6.39	48.59 3.67 -5.41	44.95 3.59 -3.20	41.58 3.61 -0.01	44.47 3.62 -2.37	45.23 3.70 -0.90	50.19 3.96 -0.67	63.76 3.90 -7.87	73.55 4.51 -13.99	70.02 4.33 -10.87	60.17 3.86 -3.47	56.90 3.81 -1.55	55.53 3.65 -3.80	48.22 3.28 -0.01	48.00 2.85 0.00
NORTHPORT___4 23650	58.87 5.30 0.00	53.95 4.90 -0.49	48.81 4.36 0.00	43.97 3.77 -3.56	44.56 4.16 0.00	46.04 4.19 0.00	44.81 3.84 -2.22	48.74 3.94 -5.02	50.16 4.13 -5.59	50.44 3.89 -6.39	48.59 3.67 -5.41	44.95 3.59 -3.20	41.58 3.61 -0.01	44.47 3.62 -2.37	45.23 3.70 -0.90	50.19 3.96 -0.67	63.76 3.90 -7.87	73.55 4.51 -13.99	70.02 4.33 -10.87	60.17 3.86 -3.47	56.90 3.81 -1.55	55.53 3.65 -3.80	48.22 3.28 -0.01	48.00 2.85 0.00
NORTHPORT___IC 23718	58.07 4.50 0.00	53.08 4.03 -0.49	48.23 3.78 0.00	43.71 3.52 -3.56	44.11 3.72 0.00	45.58 3.73 0.00	44.50 3.53 -2.22	48.50 3.70 -5.02	49.88 3.84 -5.59	50.08 3.53 -6.39	48.15 3.24 -5.40	44.49 3.13 -3.20	41.12 3.15 -0.01	44.01 3.16 -2.37	44.77 3.25 -0.89	49.68 3.46 -0.66	63.33 3.48 -7.86	72.66 3.63 -13.98	68.91 3.23 -10.86	59.37 3.06 -3.46	56.27 3.20 -1.54	55.04 3.17 -3.80	48.18 3.23 -0.01	47.50 2.35 0.00
NORTH___COUNTRY_ESR 323785	52.87 -0.70 0.00	47.73 -0.83 0.00	43.43 -1.02 0.00	35.67 -0.95 0.00	39.14 -1.25 0.00	40.39 -1.47 0.00	37.40 -1.36 0.00	38.51 -1.27 0.00	-2.07 -1.50 41.01	-2.87 -1.32 41.70	-10.00 -1.11 48.40	17.66 -1.07 19.43	36.93 -1.02 0.00	37.49 -1.00 0.00	39.49 -1.14 0.00	44.65 -0.91 0.00	51.25 -0.73 0.00	54.33 -0.72 0.00	54.82 0.00 0.00	53.80 0.95 0.00	52.57 1.03 0.00	48.99 0.91 0.00	45.92 0.99 0.00	46.28 1.13 0.00
NPX_GEN_1385_PROXY 323591	58.92 5.36 0.00	54.72 5.68 -0.49	49.30 4.85 0.00	44.66 4.47 -3.56	45.32 4.93 0.00	47.22 5.02 -0.34	51.10 4.61 -7.74	54.90 4.73 -10.38	55.00 4.89 -9.66	51.00 4.46 -6.39	48.66 3.76 -5.40	44.95 3.59 -3.20	41.65 3.68 -0.01	44.51 3.66 -2.37	45.30 3.78 -0.89	50.69 4.47 -0.66	64.01 4.16 -7.86	73.54 4.51 -13.98	69.68 4.00 -10.86	59.95 3.64 -3.46	56.68 3.61 -1.54	55.72 3.85 -3.80	48.18 3.24 -0.01	48.04 2.89 0.00
NPX_GEN_CSC 323557	59.30 5.73 0.00	54.29 5.25 -0.49	48.99 4.54 0.00	44.11 3.92 -3.56	44.72 4.32 0.00	46.29 4.43 0.00	45.08 4.11 -2.22	49.02 4.22 -5.02	50.40 4.37 -5.59	50.64 4.10 -6.39	48.78 3.87 -5.40	45.11 3.74 -3.20	41.65 3.68 -0.01	44.59 3.73 -2.37	45.42 3.90 -0.89	50.37 4.15 -0.66	64.21 4.37 -7.87	74.15 5.12 -13.98	70.62 4.94 -10.86	60.64 4.33 -3.46	57.31 4.23 -1.54	55.82 3.94 -3.80	48.27 3.32 -0.01	48.13 2.98 0.00
NSINS_S___GLNS_FALLS 23858	57.10 3.54 0.00	52.32 3.11 -0.66	47.08 2.62 0.00	43.43 2.01 -4.79	42.78 2.38 0.00	44.33 2.47 0.00	44.24 2.52 -2.97	42.09 2.31 0.00	43.15 2.71 0.00	42.93 2.77 0.00	41.96 2.45 0.00	40.49 2.33 0.00	40.16 2.20 0.00	40.57 2.08 0.00	42.82 2.19 0.00	48.02 2.46 0.00	54.89 2.91 0.00	58.51 3.47 0.00	57.89 3.07 0.00	55.70 2.85 0.00	54.22 2.68 0.00	50.38 2.31 0.00	46.82 1.89 0.00	47.27 2.12 0.00
NUCOR_STEEL___DRP 24197	52.71 -0.86 0.00	47.80 -0.83 -0.08	43.79 -0.67 0.00	36.65 -0.59 -0.61	39.83 -0.57 0.00	41.40 -0.46 0.00	38.66 -0.47 -0.37	39.39 -0.40 0.00	40.04 -0.40 0.00	39.72 -0.44 0.00	38.99 -0.51 0.00	37.67 -0.50 0.00	37.46 -0.49 0.00	37.99 -0.50 0.00	40.22 -0.41 0.00	45.33 -0.23 0.00	52.03 0.05 0.00	55.37 0.33 0.00	54.76 -0.05 0.00	52.63 -0.21 0.00	51.23 -0.31 0.00	47.59 -0.48 0.00	44.39 -0.54 0.00	44.61 -0.54 0.00
NUMBER_THREE_WT_PWR 323818	53.19 -0.37 0.00	48.23 -0.34 -0.02	43.97 -0.49 0.00	36.32 -0.44 -0.13	39.95 -0.44 0.00	41.44 -0.42 0.00	38.37 -0.46 -0.08	39.59 -0.20 0.00	42.08 -0.24 -1.88	41.95 -0.12 -1.91	41.72 0.00 -2.22	38.90 -0.15 -0.89	37.77 -0.19 0.00	38.37 -0.12 0.00	40.42 -0.20 0.00	45.43 -0.14 0.00	52.76 0.78 0.00	56.20 1.16 0.00	55.86 1.04 0.00	53.96 1.11 0.00	52.41 0.88 0.00	48.80 0.72 0.00	45.42 0.50 0.00	45.65 0.50 0.00
NYISO_LBMP_REFERENCE 24008	53.57 0.00 0.00	48.55 0.00 0.00	44.45 0.00 0.00	36.63 0.00 0.00	40.40 0.00 0.00	41.86 0.00 0.00	38.75 0.00 0.00	39.78 0.00 0.00	40.44 0.00 0.00	40.16 0.00 0.00	39.51 0.00 0.00	38.17 0.00 0.00	37.96 0.00 0.00	38.49 0.00 0.00	40.63 0.00 0.00	45.56 0.00 0.00	51.98 0.00 0.00	55.04 0.00 0.00	54.82 0.00 0.00	52.84 0.00 0.00	51.54 0.00 0.00	48.08 0.00 0.00	44.93 0.00 0.00	45.15 0.00 0.00

NYPA_BRENTWD____GT 24164	58.97 5.41 0.00	54.05 5.00 -0.49	48.86 4.40 0.00	44.00 3.81 -3.56	44.60 4.20 0.00	46.13 4.27 0.00	44.89 3.91 -2.22	48.82 4.02 -5.02	50.20 4.17 -5.59	50.48 3.94 -6.39	48.62 3.71 -5.40	44.95 3.59 -3.20	41.54 3.57 -0.01	44.47 3.62 -2.37	45.26 3.74 -0.90	50.23 4.01 -0.66	64.01 4.16 -7.87	73.76 4.73 -13.98	70.29 4.61 -10.86	60.37 4.07 -3.46	57.10 4.02 -1.54	55.67 3.80 -3.80	48.18 3.24 -0.01	47.91 2.75 0.00
NYPA_GOWANUS____GT5 24156	58.07 4.50 0.00	53.22 4.18 -0.49	48.37 3.91 -0.01	43.46 3.26 -3.57	43.96 3.56 -0.01	45.38 3.52 0.00	43.99 3.02 -2.21	42.77 2.99 0.00	43.48 3.03 0.00	42.97 2.81 0.00	42.15 2.65 0.00	40.72 2.56 0.00	40.42 2.47 0.00	41.11 2.62 0.00	43.11 2.48 0.00	48.07 2.50 0.00	54.00 2.03 0.01	57.68 2.64 0.00	57.28 2.47 0.01	54.84 2.01 0.01	53.55 2.01 0.00	50.19 2.11 0.00	47.35 2.42 0.00	47.45 2.30 0.00
NYPA_GOWANUS____GT6 24157	58.07 4.50 0.00	53.22 4.18 -0.49	48.37 3.91 -0.01	43.46 3.26 -3.57	43.96 3.56 -0.01	45.38 3.52 0.00	43.99 3.02 -2.21	42.77 2.99 0.00	43.48 3.03 0.00	42.97 2.81 0.00	42.15 2.65 0.00	40.72 2.56 0.00	40.42 2.47 0.00	41.11 2.62 0.00	43.11 2.48 0.00	48.07 2.50 0.00	54.00 2.03 0.01	57.68 2.64 0.00	57.28 2.47 0.01	54.84 2.01 0.01	53.55 2.01 0.00	50.19 2.11 0.00	47.35 2.42 0.00	47.45 2.30 0.00
NYPA_HARLEM__RVR__GT1 24160	58.02 4.44 -0.01	53.23 4.18 -0.50	48.20 3.73 -0.01	43.38 3.19 -3.57	43.88 3.47 -0.01	45.47 3.60 -0.01	44.22 3.26 -2.21	43.05 3.26 0.00	43.76 3.32 0.00	43.25 3.09 0.00	42.39 2.88 0.00	40.95 2.78 0.00	40.50 2.54 0.00	41.30 2.81 0.00	43.11 2.48 0.00	47.92 2.37 0.01	53.69 1.71 0.01	57.29 2.26 0.01	56.89 2.08 0.01	54.58 1.74 0.01	53.18 1.65 0.01	49.89 1.83 0.01	47.13 2.20 0.00	47.36 2.21 0.00
NYPA_HARLEM__RVR__GT2 24161	58.02 4.44 -0.01	53.23 4.18 -0.50	48.20 3.73 -0.01	43.38 3.19 -3.57	43.88 3.47 -0.01	45.47 3.60 -0.01	44.22 3.26 -2.21	43.05 3.26 0.00	43.76 3.32 0.00	43.25 3.09 0.00	42.39 2.88 0.00	40.95 2.78 0.00	40.50 2.54 0.00	41.30 2.81 0.00	43.11 2.48 0.00	47.92 2.37 0.01	53.69 1.71 0.01	57.29 2.26 0.01	56.89 2.08 0.01	54.58 1.74 0.01	53.18 1.65 0.01	49.89 1.83 0.01	47.13 2.20 0.00	47.36 2.21 0.00
NYPA_KENT____GT 24152	58.01 4.44 0.00	53.17 4.12 -0.49	48.29 3.82 -0.01	43.38 3.19 -3.57	43.92 3.51 -0.01	45.33 3.47 0.00	44.02 3.06 -2.21	42.85 3.06 0.00	43.56 3.11 0.00	43.09 2.93 0.00	42.27 2.76 0.00	40.84 2.67 0.00	40.54 2.58 0.00	41.18 2.69 0.00	43.23 2.60 0.00	48.20 2.64 0.00	54.11 2.13 0.01	57.79 2.75 0.00	57.33 2.52 0.01	54.95 2.12 0.01	53.60 2.06 0.00	50.29 2.21 0.00	47.40 2.47 0.00	47.41 2.26 0.00
NYPA_POUCH1____GT 24155	58.01 4.44 0.00	53.22 4.18 -0.49	48.42 3.96 -0.01	43.50 3.30 -3.57	44.00 3.59 -0.01	45.41 3.56 0.00	43.95 2.98 -2.21	42.65 2.87 0.00	43.27 2.83 0.00	42.81 2.65 0.00	42.00 2.49 0.00	40.57 2.41 0.00	40.27 2.32 0.00	40.91 2.43 0.00	42.94 2.31 0.00	47.88 2.32 0.00	53.79 1.82 0.01	57.46 2.42 0.00	57.06 2.25 0.01	54.69 1.85 0.01	53.34 1.80 0.00	50.00 1.92 0.00	47.26 2.33 0.00	47.36 2.21 0.00
NYPA_VERNON____GT2 24162	57.90 4.34 0.00	53.07 4.03 -0.49	48.15 3.69 -0.01	43.31 3.11 -3.57	43.80 3.39 -0.01	45.25 3.39 0.00	44.02 3.06 -2.21	42.89 3.11 0.00	43.64 3.19 0.00	43.17 3.01 0.00	42.35 2.85 0.00	40.91 2.75 0.00	40.61 2.66 0.00	41.26 2.77 0.00	43.31 2.68 0.00	48.25 2.69 0.00	54.16 2.18 0.01	57.79 2.75 0.00	57.39 2.58 0.01	55.00 2.17 0.01	53.65 2.11 0.00	50.34 2.26 0.00	47.40 2.47 0.00	47.41 2.26 0.00
NYPA_VERNON____GT3 24163	57.90 4.34 0.00	53.07 4.03 -0.49	48.15 3.69 -0.01	43.31 3.11 -3.57	43.80 3.39 -0.01	45.25 3.39 0.00	44.02 3.06 -2.21	42.89 3.11 0.00	43.64 3.19 0.00	43.17 3.01 0.00	42.35 2.85 0.00	40.91 2.75 0.00	40.61 2.66 0.00	41.26 2.77 0.00	43.31 2.68 0.00	48.25 2.69 0.00	54.16 2.18 0.01	57.79 2.75 0.00	57.39 2.58 0.01	55.00 2.17 0.01	53.65 2.11 0.00	50.34 2.26 0.00	47.40 2.47 0.00	47.41 2.26 0.00
NYPA__ASTORIA_CC1 323568	57.85 4.29 0.00	53.03 3.98 -0.49	48.15 3.69 -0.01	43.28 3.08 -3.57	43.80 3.39 -0.01	45.25 3.39 0.00	43.99 3.02 -2.21	42.89 3.11 0.00	43.64 3.19 0.00	43.13 2.97 0.00	42.31 2.81 0.00	40.88 2.71 0.00	40.57 2.62 0.00	41.22 2.73 0.00	43.23 2.60 0.00	48.16 2.60 0.00	54.00 2.03 0.01	57.63 2.59 0.00	57.28 2.47 0.01	54.90 2.06 0.01	53.55 2.01 0.00	50.19 2.11 0.00	47.31 2.38 0.00	47.32 2.17 0.00
NYPA__ASTORIA_CC2 323569	57.91 4.34 0.00	53.08 4.03 -0.50	48.15 3.69 -0.01	43.31 3.11 -3.57	43.80 3.39 -0.01	45.29 3.43 0.00	44.02 3.06 -2.21	42.89 3.11 0.00	43.64 3.19 0.00	43.13 2.97 0.00	42.35 2.85 0.00	40.91 2.75 0.00	40.57 2.62 0.00	41.26 2.77 0.00	43.23 2.60 0.00	48.16 2.60 0.00	54.00 2.03 0.01	57.63 2.59 0.00	57.28 2.47 0.01	54.90 2.06 0.01	53.55 2.01 0.00	50.19 2.11 0.00	47.31 2.38 0.00	47.32 2.17 0.00
NYPA__HOLTSVILL 23794	58.76 5.19 0.00	53.90 4.85 -0.49	48.68 4.23 0.00	43.85 3.66 -3.56	44.44 4.04 0.00	45.96 4.10 0.00	44.78 3.80 -2.22	48.70 3.90 -5.02	50.08 4.04 -5.59	50.32 3.77 -6.39	48.47 3.56 -5.40	44.80 3.44 -3.20	41.39 3.42 -0.01	44.32 3.47 -2.37	45.10 3.58 -0.89	49.91 3.69 -0.66	63.59 3.74 -7.87	73.37 4.35 -13.98	69.90 4.22 -10.86	60.00 3.70 -3.46	56.74 3.66 -1.54	55.34 3.46 -3.80	47.86 2.92 -0.01	47.68 2.53 0.00
NYPA__HELLGATE_GT1 24158	58.02 4.44 -0.01	53.23 4.18 -0.50	48.20 3.73 -0.01	43.38 3.19 -3.57	43.88 3.47 -0.01	45.47 3.60 -0.01	44.22 3.26 -2.21	43.05 3.26 0.00	43.76 3.32 0.00	43.25 3.09 0.00	42.39 2.88 0.00	40.95 2.78 0.00	40.50 2.54 0.00	41.30 2.81 0.00	43.11 2.48 0.00	47.92 2.37 0.01	53.69 1.71 0.01	57.29 2.26 0.01	56.89 2.08 0.01	54.58 1.74 0.01	53.18 1.65 0.01	49.89 1.83 0.01	47.13 2.20 0.00	47.36 2.21 0.00
NYPA__HELLGATE_GT2 24159	58.02 4.44 -0.01	53.23 4.18 -0.50	48.20 3.73 -0.01	43.38 3.19 -3.57	43.88 3.47 -0.01	45.47 3.60 -0.01	44.22 3.26 -2.21	43.05 3.26 0.00	43.76 3.32 0.00	43.25 3.09 0.00	42.39 2.88 0.00	40.95 2.78 0.00	40.50 2.54 0.00	41.30 2.81 0.00	43.11 2.48 0.00	47.92 2.37 0.01	53.69 1.71 0.01	57.29 2.26 0.01	56.89 2.08 0.01	54.58 1.74 0.01	53.18 1.65 0.01	49.89 1.83 0.01	47.13 2.20 0.00	47.36 2.21 0.00
NYS_BARGE__HYD 23848	47.94 -5.62 0.00	43.55 -5.05 -0.04	40.10 -4.35 0.00	33.17 -3.66 -0.21	36.48 -3.92 0.00	38.09 -3.77 0.00	34.86 -4.03 -0.14	35.13 -4.65 0.00	35.29 -4.85 0.30	34.36 -4.50 1.30	34.72 -4.78 0.00	33.78 -4.39 0.00	33.82 -4.14 0.00	34.25 -4.23 0.00	36.44 -4.18 0.00	41.33 -4.24 0.00	48.08 -3.90 0.00	51.47 -3.58 0.00	50.82 -4.00 0.00	47.56 -5.28 0.00	47.05 -4.48 0.00	43.80 -4.28 0.00	41.33 -3.60 0.00	42.13 -3.02 0.00

OAK ORCHARD___HYD 24046	50.09 -3.48 0.00	45.49 -3.11 -0.04	41.70 -2.76 0.00	34.72 -2.13 -0.22	37.93 -2.47 0.00	39.43 -2.43 0.00	36.68 -2.21 -0.14	37.08 -2.71 0.00	37.53 -2.91 0.00	37.23 -2.93 0.00	36.62 -2.88 0.00	35.53 -2.63 0.00	35.41 -2.54 0.00	35.91 -2.58 0.00	38.07 -2.56 0.00	43.06 -2.51 0.00	49.75 -2.23 0.00	53.11 -1.93 0.00	52.57 -2.25 0.00	49.67 -3.17 0.00	48.81 -2.73 0.00	45.43 -2.64 0.00	42.59 -2.34 0.00	43.03 -2.12 0.00
OAKDALE___35_KV_LOAD 356122	52.98 -0.59 0.00	48.04 -0.68 -0.17	44.10 -0.36 0.00	37.35 -0.48 -1.20	40.11 -0.28 0.00	41.65 -0.21 0.00	39.07 -0.43 -0.74	39.55 -0.24 0.00	40.24 -0.20 0.00	39.92 -0.24 0.00	39.11 -0.40 0.00	37.82 -0.34 0.00	37.65 -0.30 0.00	38.18 -0.31 0.00	40.42 -0.20 0.00	45.52 -0.05 0.00	52.19 0.21 0.00	55.59 0.55 0.00	54.93 0.11 0.00	52.84 0.00 0.00	51.44 -0.10 0.00	47.88 -0.19 0.00	44.75 -0.18 0.00	45.02 -0.14 0.00
OCC_CHEM___DRP 24175	47.14 -6.43 0.00	42.82 -5.78 -0.04	39.52 -4.93 0.00	32.84 -3.99 -0.21	35.99 -4.40 0.00	37.59 -4.27 0.00	34.51 -4.38 -0.14	34.33 -5.45 0.00	34.50 -5.62 0.32	33.70 -5.02 1.44	34.13 -5.37 0.00	33.24 -4.92 0.00	33.33 -4.63 0.00	33.68 -4.81 0.00	35.83 -4.79 0.00	40.78 -4.78 0.00	47.20 -4.78 0.00	50.42 -4.62 0.00	49.67 -5.15 0.00	47.88 -4.97 0.00	46.44 -5.10 0.00	43.08 -5.00 0.00	40.66 -4.27 0.00	41.63 -3.52 0.00
OH_GEN_PROXY 24063	47.78 -5.79 0.00	43.45 -5.15 -0.04	40.01 -4.44 0.00	33.18 -3.66 -0.22	36.40 -4.00 0.00	37.92 -3.94 0.00	34.86 -4.03 -0.14	35.01 -4.78 0.00	35.19 -4.98 0.27	34.07 -4.86 1.23	34.61 -4.90 0.00	33.70 -4.47 0.00	33.74 -4.21 0.00	34.10 -4.39 0.00	36.24 -4.39 0.00	41.01 -4.56 0.00	47.62 -4.37 0.00	50.86 -4.19 0.00	50.27 -4.55 0.00	47.09 -5.76 0.00	46.54 -5.00 0.00	43.41 -4.66 0.00	40.97 -3.95 0.00	41.76 -3.39 0.00
OLIN_CORP_DRP 24177	47.14 -6.43 0.00	42.72 -5.87 -0.04	39.47 -4.98 0.00	32.77 -4.07 -0.21	35.95 -4.44 0.00	37.55 -4.31 0.00	34.39 -4.50 -0.14	34.33 -5.45 0.00	34.57 -5.54 0.33	33.67 -5.06 1.43	34.13 -5.37 0.00	33.24 -4.92 0.00	33.29 -4.67 0.00	33.68 -4.81 0.00	35.83 -4.79 0.00	40.82 -4.74 0.00	47.30 -4.68 0.00	50.53 -4.51 0.00	49.78 -5.04 0.00	47.93 -4.91 0.00	46.54 -5.00 0.00	43.17 -4.90 0.00	40.71 -4.22 0.00	41.63 -3.52 0.00
OLIN_CORP_DSASP 323712	47.24 -6.32 0.00	42.97 -5.63 -0.04	39.56 -4.89 0.00	32.88 -3.96 -0.21	36.00 -4.40 0.00	37.55 -4.31 0.00	34.47 -4.42 -0.14	34.49 -5.29 0.00	34.58 -5.54 0.32	33.70 -5.02 1.44	34.13 -5.37 0.00	33.24 -4.92 0.00	33.29 -4.67 0.00	33.68 -4.81 0.00	35.79 -4.84 0.00	40.50 -5.06 0.00	47.04 -4.94 0.00	50.25 -4.79 0.00	49.72 -5.10 0.00	46.50 -6.34 0.00	45.97 -5.57 0.00	42.88 -5.19 0.00	40.57 -4.36 0.00	41.40 -3.75 0.00
ONEIDA_HERK_LFGE 323681	54.16 0.59 0.00	49.10 0.54 -0.02	44.85 0.40 0.00	37.03 0.29 -0.11	40.76 0.36 0.00	42.28 0.42 0.00	39.17 0.35 -0.07	40.34 0.56 0.00	41.87 0.57 -0.86	41.67 0.64 -0.88	41.19 0.67 -1.02	39.11 0.53 -0.41	38.45 0.49 0.00	39.03 0.54 0.00	41.20 0.57 0.00	46.25 0.68 0.00	53.23 1.25 0.00	56.64 1.60 0.00	56.24 1.42 0.00	54.17 1.32 0.00	52.67 1.13 0.00	49.04 0.96 0.00	45.69 0.76 0.00	45.87 0.72 0.00
ONEIDA___115KV_TB4 55905	54.48 0.91 0.00	49.41 0.83 -0.03	45.21 0.76 0.00	37.39 0.55 -0.21	41.12 0.73 0.00	42.74 0.88 0.00	39.62 0.74 -0.13	40.70 0.92 0.00	41.41 0.97 0.00	41.12 0.96 0.00	40.45 0.95 0.00	38.97 0.80 0.00	38.75 0.80 0.00	39.30 0.81 0.00	41.52 0.89 0.00	46.70 1.14 0.00	53.54 1.56 0.00	56.97 1.93 0.00	56.35 1.53 0.00	54.27 1.43 0.00	52.78 1.24 0.00	49.08 1.01 0.00	45.74 0.81 0.00	45.96 0.81 0.00
ONONDAGA_REF_OCCRA 23987	52.49 -1.07 0.00	47.60 -1.02 -0.07	43.61 -0.84 0.00	36.45 -0.70 -0.52	39.71 -0.69 0.00	41.23 -0.63 0.00	38.45 -0.62 -0.32	39.19 -0.60 0.00	39.88 -0.57 0.00	39.55 -0.60 0.00	38.87 -0.63 0.00	37.55 -0.61 0.00	37.35 -0.61 0.00	37.87 -0.62 0.00	40.06 -0.57 0.00	45.06 -0.50 0.00	51.62 -0.36 0.00	54.88 -0.17 0.00	54.33 -0.49 0.00	52.26 -0.58 0.00	50.87 -0.67 0.00	47.31 -0.77 0.00	44.12 -0.81 0.00	44.34 -0.81 0.00
ONONDAGA___COGEN 23986	52.49 -1.07 0.00	47.59 -1.02 -0.05	43.61 -0.84 0.00	36.31 -0.70 -0.38	39.67 -0.73 0.00	41.19 -0.67 0.00	38.37 -0.62 -0.24	39.19 -0.60 0.00	39.84 -0.61 0.00	39.55 -0.60 0.00	38.87 -0.63 0.00	37.55 -0.61 0.00	37.31 -0.65 0.00	37.83 -0.65 0.00	40.06 -0.57 0.00	45.06 -0.50 0.00	51.62 -0.36 0.00	54.88 -0.17 0.00	54.33 -0.49 0.00	52.26 -0.58 0.00	50.87 -0.67 0.00	47.31 -0.77 0.00	44.12 -0.81 0.00	44.34 -0.81 0.00
ONTARIO___LFGE 23819	51.80 -1.77 0.00	47.13 -1.46 -0.03	43.30 -1.16 0.00	35.54 -1.14 -0.05	39.35 -1.05 0.00	40.98 -0.88 0.00	37.83 -0.97 -0.04	38.95 -0.84 0.00	39.71 -0.93 -0.19	40.00 -1.00 -0.85	38.36 -1.15 0.00	37.10 -1.07 0.00	36.93 -1.02 0.00	37.45 -1.04 0.00	39.77 -0.86 0.00	45.11 -0.46 0.00	51.83 -0.16 0.00	55.43 0.39 0.00	54.93 0.11 0.00	52.10 -0.74 0.00	50.92 -0.62 0.00	47.26 -0.82 0.00	44.30 -0.63 0.00	44.43 -0.72 0.00
ORANGEVILLE_WT_PWR 323706	48.26 -5.30 0.00	43.84 -4.76 -0.04	40.36 -4.09 0.00	33.05 -3.70 -0.12	36.72 -3.68 0.00	38.34 -3.52 0.00	34.89 -3.95 -0.09	35.77 -4.02 0.00	35.03 -4.13 1.29	30.47 -3.98 5.71	35.28 -4.23 0.00	34.31 -3.85 0.00	34.43 -3.53 0.00	34.95 -3.54 0.00	37.26 -3.37 0.00	42.51 -3.05 0.00	49.44 -2.55 0.00	53.01 -2.04 0.00	52.46 -2.36 0.00	49.41 -3.43 0.00	48.75 -2.78 0.00	45.43 -2.64 0.00	42.73 -2.20 0.00	43.30 -1.85 0.00
ORANGEVILLE___ESR 323794	48.26 -5.30 0.00	43.84 -4.76 -0.04	40.36 -4.09 0.00	33.05 -3.70 -0.12	36.72 -3.68 0.00	38.34 -3.52 0.00	34.89 -3.95 -0.09	35.77 -4.02 0.00	35.03 -4.13 1.29	30.47 -3.98 5.71	35.28 -4.23 0.00	34.31 -3.85 0.00	34.43 -3.53 0.00	34.95 -3.54 0.00	37.26 -3.37 0.00	42.51 -3.05 0.00	49.44 -2.55 0.00	53.01 -2.04 0.00	52.46 -2.36 0.00	49.41 -3.43 0.00	48.75 -2.78 0.00	45.43 -2.64 0.00	42.73 -2.20 0.00	43.30 -1.85 0.00
OSWEGATCHIE___HYD 24044	52.82 -0.75 0.00	47.89 -0.68 -0.01	43.65 -0.80 0.00	36.03 -0.70 -0.10	39.59 -0.81 0.00	40.85 -1.01 0.00	37.81 -1.01 -0.06	38.95 -0.84 0.00	43.87 -0.89 -4.32	43.87 -0.68 -4.39	44.21 -0.40 -5.10	39.71 -0.50 -2.05	37.46 -0.49 0.00	38.07 -0.42 0.00	39.94 -0.69 0.00	44.88 -0.68 0.00	51.72 -0.26 0.00	54.77 -0.27 0.00	54.65 -0.16 0.00	53.06 0.21 0.00	51.59 0.05 0.00	48.08 0.00 0.00	44.93 0.00 0.00	45.29 0.14 0.00
OSWEGO___5 23606	51.74 -1.82 0.00	46.94 -1.65 -0.04	42.99 -1.47 0.00	35.70 -1.21 -0.29	39.10 -1.29 0.00	40.56 -1.30 0.00	37.73 -1.20 -0.18	38.55 -1.23 0.00	39.15 -1.30 0.00	38.87 -1.29 0.00	38.20 -1.30 0.00	36.91 -1.26 0.00	36.70 -1.25 0.00	37.22 -1.27 0.00	39.37 -1.26 0.00	44.24 -1.32 0.00	50.63 -1.35 0.00	53.78 -1.26 0.00	53.45 -1.37 0.00	51.21 -1.64 0.00	49.99 -1.54 0.00	46.53 -1.54 0.00	43.49 -1.44 0.00	43.70 -1.45 0.00

OSWEGO___6 23613	51.74 -1.82 0.00	46.94 -1.65 -0.04	42.99 -1.47 0.00	35.70 -1.21 -0.29	39.10 -1.29 0.00	40.56 -1.30 0.00	37.73 -1.20 -0.18	38.55 -1.23 0.00	39.15 -1.30 0.00	38.87 -1.29 0.00	38.20 -1.30 0.00	36.91 -1.26 0.00	36.70 -1.25 0.00	37.22 -1.27 0.00	39.37 -1.26 0.00	44.24 -1.32 0.00	50.63 -1.35 0.00	53.78 -1.26 0.00	53.45 -1.37 0.00	51.21 -1.64 0.00	49.99 -1.54 0.00	46.53 -1.54 0.00	43.49 -1.44 0.00	43.70 -1.45 0.00
OUTOKUMPU-AB___DRP 24206	48.21 -5.36 0.00	43.60 -5.00 -0.04	40.36 -4.09 0.00	33.35 -3.48 -0.21	36.76 -3.64 0.00	38.43 -3.43 0.00	35.05 -3.84 -0.13	35.21 -4.58 0.00	35.45 -4.65 0.34	34.46 -4.18 1.52	35.00 -4.50 0.00	34.08 -4.08 0.00	34.16 -3.80 0.00	34.56 -3.93 0.00	36.81 -3.82 0.00	41.96 -3.60 0.00	48.71 -3.27 0.00	52.07 -2.97 0.00	51.26 -3.56 0.00	49.36 -3.49 0.00	47.93 -3.61 0.00	44.47 -3.61 0.00	41.87 -3.06 0.00	42.76 -2.39 0.00
OXBOW___BTM 323836	47.84 -5.73 0.00	43.50 -5.10 -0.04	40.01 -4.44 0.00	33.17 -3.66 -0.21	36.40 -4.00 0.00	38.05 -3.81 0.00	34.82 -4.07 -0.14	35.01 -4.78 0.00	35.13 -4.98 0.33	34.14 -4.54 1.48	34.65 -4.86 0.00	33.70 -4.47 0.00	33.78 -4.18 0.00	34.18 -4.31 0.00	36.36 -4.27 0.00	41.23 -4.33 0.00	47.93 -4.05 0.00	51.25 -3.80 0.00	50.60 -4.22 0.00	47.35 -5.50 0.00	46.85 -4.69 0.00	43.65 -4.42 0.00	41.25 -3.68 0.00	42.04 -3.11 0.00
OXBOW____ 24026	47.73 -5.84 0.00	43.26 -5.34 -0.04	40.01 -4.45 0.00	33.14 -3.70 -0.21	36.40 -4.00 0.00	38.05 -3.81 0.00	34.82 -4.07 -0.14	34.81 -4.97 0.00	35.05 -5.06 0.33	34.14 -4.54 1.48	34.65 -4.86 0.00	33.70 -4.47 0.00	33.78 -4.18 0.00	34.18 -4.31 0.00	36.40 -4.23 0.00	41.46 -4.10 0.00	48.03 -3.95 0.00	51.35 -3.69 0.00	50.60 -4.22 0.00	48.72 -4.12 0.00	47.31 -4.23 0.00	43.84 -4.23 0.00	41.33 -3.59 0.00	42.26 -2.89 0.00
OXY_CHEM_DSASP 323612	47.14 -6.43 0.00	42.82 -5.78 -0.04	39.52 -4.93 0.00	32.84 -3.99 -0.21	35.99 -4.40 0.00	37.59 -4.27 0.00	34.51 -4.38 -0.14	34.33 -5.45 0.00	34.50 -5.62 0.32	33.70 -5.02 1.44	34.13 -5.37 0.00	33.24 -4.92 0.00	33.33 -4.63 0.00	33.68 -4.81 0.00	35.83 -4.79 0.00	40.78 -4.78 0.00	47.20 -4.78 0.00	50.42 -4.62 0.00	49.67 -5.15 0.00	47.88 -4.97 0.00	46.44 -5.10 0.00	43.08 -5.00 0.00	40.66 -4.27 0.00	41.63 -3.52 0.00
OZONE_PARK_ESR 323760	58.17 4.61 0.00	53.22 4.18 -0.49	48.32 3.87 0.00	43.49 3.30 -3.56	43.91 3.51 0.00	45.38 3.52 0.00	44.18 3.22 -2.21	43.25 3.46 0.00	44.00 3.56 0.00	43.49 3.33 0.00	42.63 3.12 0.00	41.18 3.02 0.00	40.96 3.00 0.00	41.53 3.04 0.00	43.71 3.09 0.00	48.80 3.23 0.00	54.89 2.91 0.00	58.45 3.41 0.00	57.67 2.85 0.00	55.43 2.59 0.00	54.32 2.78 0.00	51.01 2.93 0.00	47.80 2.88 0.00	47.72 2.57 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	47.14 -6.43 0.00	42.82 -5.78 -0.04	39.52 -4.93 0.00	32.84 -3.99 -0.21	35.99 -4.40 0.00	37.59 -4.27 0.00	34.51 -4.38 -0.14	34.33 -5.45 0.00	34.50 -5.62 0.32	33.70 -5.02 1.44	34.13 -5.37 0.00	33.24 -4.92 0.00	33.33 -4.63 0.00	33.68 -4.81 0.00	35.83 -4.79 0.00	40.78 -4.78 0.00	47.20 -4.78 0.00	50.42 -4.62 0.00	49.67 -5.15 0.00	47.88 -4.97 0.00	46.44 -5.10 0.00	43.08 -5.00 0.00	40.66 -4.27 0.00	41.63 -3.52 0.00
PACKARD___115KV_DUPONT_184 80571	47.14 -6.43 0.00	42.82 -5.78 -0.04	39.52 -4.93 0.00	32.84 -3.99 -0.21	35.99 -4.40 0.00	37.59 -4.27 0.00	34.51 -4.38 -0.14	34.33 -5.45 0.00	34.50 -5.62 0.32	33.70 -5.02 1.44	34.13 -5.37 0.00	33.24 -4.92 0.00	33.33 -4.63 0.00	33.68 -4.81 0.00	35.83 -4.79 0.00	40.78 -4.78 0.00	47.20 -4.78 0.00	50.42 -4.62 0.00	49.67 -5.15 0.00	47.88 -4.97 0.00	46.44 -5.10 0.00	43.08 -5.00 0.00	40.66 -4.27 0.00	41.63 -3.52 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	58.13 4.55 -0.01	53.13 4.08 -0.50	48.28 3.82 -0.01	43.42 3.22 -3.57	43.88 3.47 -0.01	45.38 3.52 -0.01	44.10 3.14 -2.21	43.09 3.30 0.00	43.68 3.24 0.00	43.17 3.01 0.00	42.27 2.77 0.00	40.88 2.71 0.00	40.42 2.47 0.00	41.22 2.73 0.00	43.06 2.44 0.00	47.98 2.41 0.00	53.85 1.87 0.01	57.30 2.26 0.00	56.51 1.70 0.01	54.37 1.53 0.01	53.24 1.70 0.00	50.14 2.07 0.00	47.27 2.34 0.00	47.50 2.35 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	58.77 5.20 -0.01	53.71 4.66 -0.50	48.86 4.40 -0.01	43.90 3.70 -3.57	44.36 3.96 -0.01	45.89 4.02 -0.01	44.57 3.60 -2.21	43.52 3.74 0.00	44.12 3.68 0.00	43.61 3.45 0.00	42.71 3.20 0.00	41.26 3.09 0.00	40.80 2.85 0.00	41.61 3.12 0.00	43.51 2.88 0.00	48.43 2.87 0.00	54.37 2.39 0.01	57.90 2.86 0.00	57.06 2.25 0.01	54.90 2.06 0.01	53.81 2.27 0.00	50.67 2.60 0.00	47.80 2.88 0.00	48.09 2.93 0.00
PATROON___115KV_TB1 80586	55.87 2.30 0.00	51.29 2.09 -0.65	46.41 1.96 0.00	42.87 1.54 -4.71	42.17 1.78 0.00	43.66 1.80 0.00	43.42 1.74 -2.92	41.42 1.63 0.00	42.26 1.82 0.00	41.88 1.73 0.00	41.13 1.62 0.00	39.73 1.56 0.00	39.51 1.56 0.00	40.03 1.54 0.00	42.21 1.58 0.00	46.88 1.32 0.00	53.28 1.30 0.00	56.64 1.60 0.00	56.08 1.26 0.00	54.01 1.16 0.00	52.67 1.13 0.00	49.13 1.06 0.00	45.92 0.99 0.00	46.46 1.31 0.00
PATTRSNVILLE___SOLAR 323815	55.82 2.25 0.00	51.28 2.04 -0.68	46.23 1.78 0.00	43.04 1.47 -4.94	42.05 1.66 0.00	43.58 1.72 0.00	43.44 1.63 -3.06	41.42 1.63 0.00	42.18 1.74 0.00	41.72 1.56 0.00	40.89 1.38 0.00	39.42 1.26 0.00	39.17 1.21 0.00	39.68 1.19 0.00	41.93 1.30 0.00	47.11 1.55 0.00	53.85 1.87 0.00	57.41 2.37 0.00	57.01 2.20 0.00	54.74 1.90 0.00	53.34 1.80 0.00	49.71 1.64 0.00	46.32 1.39 0.00	46.60 1.44 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	49.50 -4.07 0.00	44.13 -4.47 -0.05	41.48 -2.98 0.00	33.28 -3.55 -0.21	37.73 -2.67 0.00	39.47 -2.39 0.00	34.94 -3.95 -0.14	36.44 -3.34 0.00	37.25 -2.83 0.36	35.87 -2.69 1.60	36.19 -3.32 0.00	35.19 -2.98 0.00	35.30 -2.66 0.00	35.76 -2.73 0.00	38.11 -2.52 0.00	43.47 -2.10 0.00	50.42 -1.56 0.00	54.00 -1.05 0.00	53.12 -1.70 0.00	51.10 -1.74 0.00	49.68 -1.86 0.00	46.06 -2.02 0.00	43.31 -1.62 0.00	44.07 -1.08 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	57.91 4.34 0.00	52.98 3.93 -0.50	48.14 3.69 0.00	43.26 3.04 -3.60	43.71 3.31 0.00	45.29 3.43 0.00	44.01 3.02 -2.23	42.93 3.14 0.00	43.84 3.40 0.00	43.21 3.05 0.00	42.31 2.80 0.00	40.91 2.75 0.00	40.77 2.81 0.00	41.34 2.85 0.00	43.55 2.93 0.00	48.71 3.14 0.00	55.20 3.22 0.00	58.73 3.69 0.00	58.00 3.18 0.00	55.80 2.96 0.00	54.53 2.99 0.00	50.91 2.84 0.00	47.62 2.70 0.00	47.54 2.39 0.00
PEEKSKILL____ 23653	57.05 3.48 0.00	52.24 3.20 -0.49	47.39 2.93 0.00	42.61 2.45 -3.53	43.10 2.71 0.00	44.58 2.72 0.00	43.42 2.48 -2.19	42.37 2.58 0.00	43.20 2.75 0.00	42.69 2.53 0.00	41.88 2.37 0.00	40.46 2.29 0.00	40.27 2.32 0.00	40.80 2.31 0.00	42.98 2.36 0.00	48.02 2.46 0.00	54.22 2.23 0.00	57.79 2.75 0.00	57.45 2.63 0.00	55.06 2.22 0.00	53.70 2.16 0.00	50.19 2.11 0.00	47.00 2.07 0.00	46.96 1.81 0.00

PGE MADISON___WINDPWR 24146	56.89 3.32 0.00	51.83 3.06 -0.22	47.12 2.67 0.00	40.26 1.87 -1.76	42.74 2.34 0.00	44.58 2.72 0.00	42.12 2.29 -1.08	42.81 3.02 0.00	43.55 3.03 -0.07	43.43 2.97 -0.31	42.31 2.81 0.00	40.72 2.56 0.00	40.39 2.43 0.00	40.95 2.47 0.00	43.39 2.76 0.00	48.98 3.42 0.00	56.76 4.78 0.00	60.99 5.95 0.00	60.30 5.48 0.00	57.55 4.70 0.00	55.87 4.33 0.00	51.87 3.80 0.00	48.25 3.32 0.00	48.45 3.29 0.00
PIERCEFIELD___HYD 23852	53.19 -0.37 0.00	48.26 -0.29 0.00	43.96 -0.49 0.00	36.15 -0.48 0.00	39.71 -0.69 0.00	40.85 -1.00 0.00	37.75 -1.01 0.00	38.87 -0.92 0.00	45.76 -1.05 -6.36	45.90 -0.72 -6.47	46.74 -0.28 -7.51	40.84 -0.34 -3.01	37.61 -0.34 0.00	38.22 -0.27 0.00	40.02 -0.61 0.00	44.92 -0.64 0.00	51.36 -0.62 0.00	54.22 -0.83 0.00	54.71 -0.11 0.00	52.95 0.11 0.00	51.59 0.05 0.00	48.17 0.10 0.00	45.20 0.27 0.00	45.69 0.54 0.00
PINELAWN_CC_1 323563	58.60 5.03 0.00	53.75 4.71 -0.49	48.59 4.13 0.00	43.78 3.59 -3.56	44.31 3.92 0.00	45.88 4.02 0.00	44.62 3.64 -2.22	48.54 3.74 -5.02	49.92 3.88 -5.59	50.20 3.65 -6.39	48.35 3.44 -5.40	44.68 3.32 -3.20	41.31 3.34 -0.01	44.24 3.39 -2.37	45.02 3.49 -0.90	49.96 3.74 -0.66	63.64 3.79 -7.87	73.43 4.41 -13.98	69.96 4.28 -10.86	60.06 3.75 -3.46	56.74 3.66 -1.54	55.38 3.51 -3.80	47.95 3.01 -0.01	47.72 2.57 0.00
PJM_GEN_HTP_PROXY 323702	57.59 4.02 0.00	52.78 3.74 -0.49	47.88 3.42 0.00	43.08 2.89 -3.56	43.55 3.15 0.00	45.00 3.14 0.00	43.83 2.87 -2.21	42.81 3.02 0.00	43.60 3.16 0.00	43.09 2.93 0.00	42.31 2.81 0.00	40.88 2.71 0.00	40.65 2.70 0.00	41.22 2.73 0.00	43.39 2.76 0.00	48.43 2.87 0.00	54.43 2.44 0.00	58.07 3.03 0.00	57.72 2.90 0.00	55.28 2.43 0.00	53.91 2.37 0.00	50.53 2.45 0.00	47.40 2.47 0.00	47.32 2.17 0.00
PJM_GEN_KEystone 24065	40.43 -1.07 12.07	37.42 -0.92 10.21	36.46 -0.22 7.78	36.72 -0.40 -0.49	36.96 -0.16 3.28	38.49 -0.08 3.29	39.48 -0.50 -1.23	39.43 -0.36 0.00	39.24 -0.28 0.92	34.37 -0.36 5.42	32.91 -0.59 6.00	31.99 -0.46 5.72	32.03 -0.38 5.55	31.18 -0.42 6.89	31.06 -0.37 9.20	36.35 -0.32 8.90	44.33 -0.36 7.29	55.10 0.06 0.00	53.23 -0.16 1.42	46.71 -0.85 5.29	41.34 -0.62 9.58	38.75 -0.53 8.80	34.79 -0.36 9.78	34.50 -0.31 10.34
PJM_GEN_NEPTUNE_PROXY 323594	57.96 4.39 0.00	53.17 4.12 -0.49	48.10 3.65 0.00	43.38 3.19 -3.56	43.87 3.47 0.00	45.33 3.47 0.00	44.19 3.21 -2.22	46.81 3.26 -3.76	48.07 3.44 -4.19	48.16 3.21 -4.79	46.56 3.00 -4.05	43.50 2.94 -2.40	40.93 2.96 -0.01	43.23 2.96 -1.78	44.31 3.01 -0.67	49.25 3.19 -0.49	60.89 3.01 -5.89	69.09 3.58 -10.47	66.41 3.46 -8.14	58.45 3.01 -2.59	55.63 2.94 -1.16	53.80 2.88 -2.85	47.46 2.51 -0.01	47.23 2.08 0.00
PJM_GEN_VFT_PROXY 323633	57.37 3.80 0.00	52.59 3.54 -0.49	47.70 3.24 0.00	42.94 2.75 -3.56	43.39 2.99 0.00	44.87 3.02 0.00	43.75 2.79 -2.21	42.73 2.94 0.00	43.56 3.11 0.00	43.05 2.89 0.00	42.23 2.72 0.00	40.84 2.67 0.00	40.57 2.62 0.00	41.18 2.69 0.00	43.31 2.68 0.00	48.30 2.73 0.00	54.16 2.18 0.00	57.79 2.75 0.00	57.40 2.58 0.00	55.01 2.17 0.00	53.65 2.11 0.00	50.38 2.31 0.00	47.22 2.29 0.00	47.14 1.98 0.00
PLATSBURG_115KV_PMLD1 355749	53.30 -0.27 0.00	48.16 -0.39 0.00	43.79 -0.67 0.00	35.93 -0.70 0.00	39.43 -0.97 0.00	40.69 -1.17 0.00	37.67 -1.09 0.00	38.79 -0.99 0.00	0.90 -1.17 38.37	0.10 -1.04 39.01	-6.60 -0.83 45.28	19.15 -0.84 18.18	37.20 -0.76 0.00	37.76 -0.73 0.00	39.73 -0.89 0.00	44.97 -0.59 0.00	51.62 -0.36 0.00	55.04 0.00 0.00	55.86 1.04 0.00	54.32 1.48 0.00	53.14 1.60 0.00	49.42 1.35 0.00	46.37 1.44 0.00	46.64 1.49 0.00
PLEASANTVLY___LBMP 24000	56.99 3.43 0.00	52.18 3.11 -0.52	47.39 2.93 0.00	42.81 2.45 -3.73	43.06 2.67 0.00	44.54 2.68 0.00	43.51 2.44 -2.31	42.41 2.63 0.00	43.19 2.75 0.00	42.69 2.53 0.00	41.84 2.33 0.00	40.42 2.25 0.00	40.23 2.28 0.00	40.80 2.31 0.00	42.94 2.32 0.00	47.93 2.37 0.00	54.17 2.18 0.00	57.63 2.59 0.00	56.96 2.14 0.00	54.80 1.96 0.00	53.60 2.06 0.00	50.14 2.07 0.00	46.95 2.02 0.00	46.96 1.81 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	57.37 3.80 0.00	52.50 3.45 -0.50	47.65 3.20 0.00	42.93 2.71 -3.59	43.35 2.95 0.00	44.83 2.97 0.00	43.65 2.67 -2.22	42.65 2.86 0.00	43.44 2.99 0.00	42.89 2.73 0.00	42.07 2.57 0.00	40.65 2.48 0.00	40.46 2.51 0.00	40.99 2.50 0.00	43.19 2.56 0.00	48.20 2.64 0.00	54.42 2.44 0.00	57.96 2.92 0.00	57.23 2.41 0.00	55.01 2.17 0.00	53.81 2.27 0.00	50.43 2.36 0.00	47.22 2.29 0.00	47.18 2.03 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	57.37 3.80 0.00	52.50 3.45 -0.50	47.65 3.20 0.00	42.93 2.71 -3.59	43.35 2.95 0.00	44.83 2.97 0.00	43.65 2.67 -2.22	42.65 2.86 0.00	43.44 2.99 0.00	42.89 2.73 0.00	42.07 2.57 0.00	40.65 2.48 0.00	40.46 2.51 0.00	40.99 2.50 0.00	43.19 2.56 0.00	48.20 2.64 0.00	54.42 2.44 0.00	57.96 2.92 0.00	57.23 2.41 0.00	55.01 2.17 0.00	53.81 2.27 0.00	50.43 2.36 0.00	47.22 2.29 0.00	47.18 2.03 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	57.53 3.96 0.00	52.70 3.64 -0.50	47.83 3.38 0.00	43.16 2.89 -3.64	43.51 3.11 0.00	45.00 3.14 0.00	43.88 2.87 -2.26	42.73 2.94 0.00	43.60 3.15 0.00	43.01 2.85 0.00	42.11 2.61 0.00	40.65 2.48 0.00	40.46 2.51 0.00	41.03 2.54 0.00	43.27 2.64 0.00	48.34 2.78 0.00	54.79 2.81 0.00	58.34 3.30 0.00	57.56 2.74 0.00	55.33 2.48 0.00	54.17 2.63 0.00	50.57 2.50 0.00	47.35 2.43 0.00	47.36 2.21 0.00
POLETTI___ 23519	57.69 4.12 0.00	52.78 3.74 -0.49	47.97 3.51 0.00	43.19 3.00 -3.56	43.59 3.19 0.00	45.04 3.18 0.00	43.83 2.87 -2.21	42.93 3.14 0.00	43.64 3.20 0.00	43.13 2.97 0.00	42.27 2.77 0.00	40.84 2.67 0.00	40.61 2.66 0.00	41.18 2.69 0.00	43.27 2.64 0.00	47.48 2.73 0.82	46.97 2.34 7.36	50.96 2.75 6.83	50.34 2.19 6.67	48.18 2.01 6.67	47.43 2.16 6.27	47.53 2.36 2.90	47.27 2.34 0.00	44.90 2.08 2.32
POMONA___ESR 323819	56.78 3.21 0.00	51.99 2.96 -0.47	47.17 2.71 0.00	42.37 2.31 -3.43	42.90 2.51 0.00	44.41 2.55 0.00	43.21 2.33 -2.13	42.21 2.43 0.00	42.99 2.55 0.00	42.49 2.33 0.00	41.68 2.17 0.00	40.26 2.10 0.00	40.08 2.12 0.00	40.64 2.15 0.00	42.78 2.15 0.00	47.84 2.28 0.00	54.01 2.03 0.00	57.58 2.53 0.00	57.23 2.41 0.00	54.85 2.01 0.00	53.50 1.96 0.00	50.00 1.92 0.00	46.82 1.89 0.00	46.77 1.62 0.00
PORT_JEFF_3 23555	59.03 5.47 0.00	54.10 5.05 -0.49	48.86 4.40 0.00	44.00 3.81 -3.56	44.60 4.20 0.00	46.13 4.27 0.00	44.93 3.95 -2.22	48.86 4.06 -5.02	50.24 4.21 -5.59	50.48 3.94 -6.39	48.62 3.71 -5.40	44.95 3.59 -3.20	41.54 3.57 -0.01	44.47 3.62 -2.37	45.30 3.78 -0.90	50.18 3.96 -0.66	63.90 4.06 -7.87	73.76 4.73 -13.98	70.23 4.55 -10.86	60.37 4.07 -3.46	57.05 3.97 -1.54	55.62 3.75 -3.80	48.13 3.19 -0.01	47.86 2.71 0.00

PORT_JEFF_4 23616	59.03 5.47 0.00	54.10 5.05 -0.49	48.86 4.40 0.00	44.00 3.81 -3.56	44.60 4.20 0.00	46.13 4.27 0.00	44.93 3.95 -2.22	48.86 4.06 -5.02	50.24 4.21 -5.59	50.48 3.94 -6.39	48.62 3.71 -5.40	44.95 3.59 -3.20	41.54 3.57 -0.01	44.47 3.62 -2.37	45.30 3.78 -0.90	50.18 3.96 -0.66	63.90 4.06 -7.87	73.76 4.73 -13.98	70.23 4.55 -10.86	60.37 4.07 -3.46	57.05 3.97 -1.54	55.62 3.75 -3.80	48.13 3.19 -0.01	47.86 2.71 0.00
PORT_JEFF_IC 23713	58.82 5.25 0.00	53.71 4.66 -0.49	48.81 4.36 0.00	44.07 3.88 -3.56	44.56 4.16 0.00	46.04 4.19 0.00	44.97 3.99 -2.22	48.98 4.18 -5.02	50.36 4.33 -5.59	50.56 4.02 -6.39	48.70 3.79 -5.40	45.03 3.66 -3.20	41.61 3.64 -0.01	44.55 3.69 -2.37	45.34 3.82 -0.90	50.23 4.01 -0.66	64.06 4.21 -7.87	73.76 4.73 -13.98	69.90 4.22 -10.86	60.21 3.91 -3.46	57.05 3.97 -1.54	55.67 3.80 -3.80	48.63 3.68 -0.01	48.04 2.89 0.00
PPL_PILGRIM_ST_GT1 24216	58.97 5.41 0.00	54.05 5.00 -0.49	48.86 4.40 0.00	44.00 3.81 -3.56	44.60 4.20 0.00	46.13 4.27 0.00	44.89 3.91 -2.22	48.82 4.02 -5.02	50.20 4.17 -5.59	50.48 3.94 -6.39	48.62 3.71 -5.40	44.95 3.59 -3.20	41.54 3.57 -0.01	44.47 3.62 -2.37	45.26 3.74 -0.90	50.23 4.01 -0.66	64.01 4.16 -7.87	73.76 4.73 -13.98	70.29 4.61 -10.86	60.37 4.07 -3.46	57.10 4.02 -1.54	55.67 3.80 -3.80	48.18 3.24 -0.01	47.91 2.75 0.00
PPL_PILGRIM_ST_GT2 24217	58.97 5.41 0.00	54.05 5.00 -0.49	48.86 4.40 0.00	44.00 3.81 -3.56	44.60 4.20 0.00	46.13 4.27 0.00	44.89 3.91 -2.22	48.82 4.02 -5.02	50.20 4.17 -5.59	50.48 3.94 -6.39	48.62 3.71 -5.40	44.95 3.59 -3.20	41.54 3.57 -0.01	44.47 3.62 -2.37	45.26 3.74 -0.90	50.23 4.01 -0.66	64.01 4.16 -7.87	73.76 4.73 -13.98	70.29 4.61 -10.86	60.37 4.07 -3.46	57.10 4.02 -1.54	55.67 3.80 -3.80	48.18 3.24 -0.01	47.91 2.75 0.00
PPL_SHRM_GT3 24213	59.30 5.73 0.00	54.29 5.25 -0.49	49.03 4.58 0.00	44.11 3.92 -3.56	44.72 4.32 0.00	46.34 4.48 0.00	45.08 4.11 -2.22	49.06 4.26 -5.02	50.40 4.37 -5.59	50.64 4.10 -6.39	48.78 3.87 -5.40	45.11 3.74 -3.20	41.65 3.68 -0.01	44.59 3.73 -2.37	45.42 3.90 -0.90	50.32 4.10 -0.66	64.21 4.37 -7.87	74.15 5.12 -13.98	70.62 4.94 -10.86	60.64 4.33 -3.46	57.31 4.23 -1.54	55.86 3.99 -3.80	48.27 3.32 -0.01	48.08 2.93 0.00
PPL_SHRM_GT4 24214	59.30 5.73 0.00	54.29 5.25 -0.49	49.03 4.58 0.00	44.11 3.92 -3.56	44.72 4.32 0.00	46.34 4.48 0.00	45.08 4.11 -2.22	49.06 4.26 -5.02	50.40 4.37 -5.59	50.64 4.10 -6.39	48.78 3.87 -5.40	45.11 3.74 -3.20	41.65 3.68 -0.01	44.59 3.73 -2.37	45.42 3.90 -0.90	50.32 4.10 -0.66	64.21 4.37 -7.87	74.15 5.12 -13.98	70.62 4.94 -10.86	60.64 4.33 -3.46	57.31 4.23 -1.54	55.86 3.99 -3.80	48.27 3.32 -0.01	48.08 2.93 0.00
PROJECT___ORANGE 1 24174	52.17 -1.39 0.00	47.29 -1.31 -0.05	43.34 -1.11 0.00	36.09 -0.88 -0.34	39.47 -0.93 0.00	40.98 -0.88 0.00	38.15 -0.81 -0.21	38.95 -0.84 0.00	39.59 -0.85 0.00	39.31 -0.84 0.00	38.64 -0.87 0.00	37.33 -0.84 0.00	37.12 -0.84 0.00	37.64 -0.85 0.00	39.81 -0.81 0.00	44.74 -0.82 0.00	51.25 -0.73 0.00	54.44 -0.61 0.00	53.94 -0.88 0.00	51.89 -0.95 0.00	50.51 -1.03 0.00	46.97 -1.11 0.00	43.81 -1.12 0.00	44.07 -1.08 0.00
PROJECT___ORANGE 2 24166	52.17 -1.39 0.00	47.29 -1.31 -0.05	43.34 -1.11 0.00	36.09 -0.88 -0.34	39.47 -0.93 0.00	40.98 -0.88 0.00	38.15 -0.81 -0.21	38.95 -0.84 0.00	39.59 -0.85 0.00	39.31 -0.84 0.00	38.64 -0.87 0.00	37.33 -0.84 0.00	37.12 -0.84 0.00	37.64 -0.85 0.00	39.81 -0.81 0.00	44.74 -0.82 0.00	51.25 -0.73 0.00	54.44 -0.61 0.00	53.94 -0.88 0.00	51.89 -0.95 0.00	50.51 -1.03 0.00	46.97 -1.11 0.00	43.81 -1.12 0.00	44.07 -1.08 0.00
PUCKETT___SOLAR 323809	54.16 0.59 0.00	49.26 0.54 -0.17	45.03 0.58 0.00	38.12 0.26 -1.24	40.92 0.52 0.00	42.57 0.71 0.00	39.95 0.43 -0.77	40.54 0.75 0.00	41.17 0.73 0.00	40.84 0.68 0.00	40.02 0.51 0.00	38.62 0.46 0.00	38.41 0.46 0.00	38.95 0.46 0.00	41.27 0.65 0.00	46.52 0.96 0.00	53.49 1.51 0.00	57.08 2.04 0.00	56.57 1.75 0.00	54.00 1.16 0.00	52.67 1.13 0.00	48.99 0.91 0.00	45.69 0.76 0.00	45.92 0.77 0.00
PYRITES___HYD 24023	54.16 0.59 0.00	49.14 0.58 0.00	44.72 0.27 0.00	36.77 0.15 0.00	40.48 0.08 0.00	41.73 -0.13 0.00	38.60 -0.16 0.00	39.82 0.04 0.00	46.04 -0.12 -5.72	46.13 0.16 -5.81	46.81 0.55 -6.75	41.33 0.46 -2.71	38.37 0.42 0.00	39.03 0.54 0.00	40.91 0.28 0.00	46.02 0.46 0.00	52.76 0.78 0.00	55.65 0.61 0.00	56.08 1.26 0.00	54.27 1.43 0.00	52.78 1.24 0.00	49.23 1.15 0.00	46.10 1.17 0.00	46.46 1.31 0.00
QUAKERRD_115KV_BK1 80622	49.50 -4.07 0.00	45.00 -3.59 -0.04	41.16 -3.29 0.00	34.29 -2.56 -0.23	37.49 -2.91 0.00	38.97 -2.89 0.00	36.26 -2.64 -0.15	36.68 -3.10 0.00	37.17 -3.28 0.00	36.90 -3.25 0.00	36.35 -3.16 0.00	35.19 -2.98 0.00	35.03 -2.92 0.00	35.56 -2.93 0.00	37.70 -2.93 0.00	42.69 -2.87 0.00	49.17 -2.81 0.00	52.40 -2.64 0.00	51.75 -3.07 0.00	49.78 -3.06 0.00	48.39 -3.14 0.00	44.95 -3.12 0.00	42.05 -2.88 0.00	42.49 -2.66 0.00
QUEENSBRY_115KV_TB8 356137	57.16 3.59 0.00	52.37 3.16 -0.66	47.03 2.58 0.00	43.43 2.01 -4.79	42.78 2.38 0.00	44.29 2.43 0.00	44.24 2.52 -2.97	42.09 2.31 0.00	43.15 2.71 0.00	42.97 2.81 0.00	42.00 2.49 0.00	40.53 2.37 0.00	40.16 2.20 0.00	40.57 2.08 0.00	42.82 2.19 0.00	48.07 2.51 0.00	54.89 2.91 0.00	58.57 3.52 0.00	57.94 3.12 0.00	55.75 2.91 0.00	54.27 2.73 0.00	50.38 2.31 0.00	46.77 1.84 0.00	47.27 2.12 0.00
RAMAPO___LBMP 323565	56.67 3.11 0.00	51.84 2.82 -0.47	47.08 2.62 0.00	42.28 2.23 -3.42	42.82 2.42 0.00	44.29 2.43 0.00	43.08 2.21 -2.12	42.17 2.39 0.00	42.95 2.51 0.00	42.41 2.25 0.00	41.60 2.09 0.00	40.19 2.02 0.00	39.97 2.01 0.00	40.53 2.04 0.00	42.70 2.07 0.00	47.66 2.10 0.00	53.85 1.87 0.00	57.35 2.31 0.00	56.63 1.81 0.00	54.43 1.59 0.00	53.24 1.70 0.00	49.85 1.78 0.00	46.68 1.75 0.00	46.69 1.54 0.00
RANKINE____ 23646	48.69 -4.87 0.00	43.84 -4.76 -0.05	40.76 -3.69 0.00	33.35 -3.48 -0.20	37.13 -3.27 0.00	38.80 -3.06 0.00	35.09 -3.80 -0.13	35.65 -4.14 0.00	36.02 -4.00 0.42	34.54 -3.77 1.85	35.44 -4.07 0.00	34.50 -3.66 0.00	34.62 -3.34 0.00	35.06 -3.43 0.00	37.34 -3.29 0.00	42.60 -2.96 0.00	49.43 -2.55 0.00	52.95 -2.09 0.00	52.13 -2.69 0.00	50.20 -2.64 0.00	48.76 -2.78 0.00	45.24 -2.84 0.00	42.55 -2.38 0.00	43.39 -1.76 0.00
RAVENSWOOD_GT2_1 24244	57.69 4.12 0.00	52.78 3.74 -0.49	47.97 3.51 0.00	43.16 2.97 -3.56	43.59 3.19 0.00	45.04 3.18 0.00	43.87 2.91 -2.21	42.93 3.14 0.00	43.68 3.24 0.00	43.13 2.97 0.00	42.31 2.80 0.00	40.88 2.71 0.00	40.65 2.69 0.00	41.22 2.73 0.00	43.35 2.72 0.00	48.34 2.78 0.00	54.42 2.44 0.00	57.90 2.86 0.00	57.18 2.36 0.00	54.96 2.11 0.00	53.81 2.27 0.00	50.53 2.45 0.00	47.40 2.47 0.00	47.36 2.21 0.00



RAVENSWOOD_GT2_2 24245	57.69 4.12 0.00	52.78 3.74 -0.49	47.97 3.51 0.00	43.16 2.97 -3.56	43.59 3.19 0.00	45.04 3.18 0.00	43.87 2.91 -2.21	42.93 3.14 0.00	43.68 3.24 0.00	43.13 2.97 0.00	42.31 2.80 0.00	40.88 2.71 0.00	40.65 2.69 0.00	41.22 2.73 0.00	43.35 2.72 0.00	48.34 2.78 0.00	54.42 2.44 0.00	57.90 2.86 0.00	57.18 2.36 0.00	54.96 2.11 0.00	53.81 2.27 0.00	50.53 2.45 0.00	47.40 2.47 0.00	47.36 2.21 0.00
RAVENSWOOD_GT2_3 24246	57.69 4.12 0.00	52.78 3.74 -0.49	47.97 3.51 0.00	43.19 3.00 -3.56	43.63 3.23 0.00	45.08 3.22 0.00	43.87 2.91 -2.21	42.93 3.14 0.00	43.68 3.24 0.00	43.17 3.01 0.00	42.31 2.80 0.00	40.88 2.71 0.00	40.65 2.69 0.00	41.22 2.73 0.00	43.35 2.72 0.00	48.39 2.82 0.00	54.42 2.44 0.00	57.90 2.86 0.00	57.18 2.36 0.00	54.96 2.11 0.00	53.86 2.32 0.00	50.57 2.50 0.00	47.40 2.47 0.00	47.36 2.21 0.00
RAVENSWOOD_GT2_4 24247	57.69 4.12 0.00	52.78 3.74 -0.49	47.97 3.51 0.00	43.19 3.00 -3.56	43.63 3.23 0.00	45.08 3.22 0.00	43.87 2.91 -2.21	42.93 3.14 0.00	43.68 3.24 0.00	43.17 3.01 0.00	42.31 2.80 0.00	40.88 2.71 0.00	40.65 2.69 0.00	41.22 2.73 0.00	43.35 2.72 0.00	48.39 2.82 0.00	54.42 2.44 0.00	57.90 2.86 0.00	57.18 2.36 0.00	54.96 2.11 0.00	53.86 2.32 0.00	50.57 2.50 0.00	47.40 2.47 0.00	47.36 2.21 0.00
RAVENSWOOD_GT3_1 24248	57.69 4.12 0.00	52.78 3.74 -0.49	47.97 3.51 0.00	43.16 2.97 -3.56	43.59 3.19 0.00	45.04 3.18 0.00	43.87 2.91 -2.21	42.93 3.14 0.00	43.68 3.24 0.00	43.13 2.97 0.00	42.31 2.80 0.00	40.88 2.71 0.00	40.65 2.69 0.00	41.22 2.73 0.00	43.35 2.72 0.00	48.39 2.82 0.00	54.42 2.44 0.00	57.90 2.86 0.00	57.18 2.36 0.00	54.96 2.11 0.00	53.81 2.27 0.00	50.53 2.45 0.00	47.40 2.47 0.00	47.36 2.21 0.00
RAVENSWOOD_GT3_2 24249	57.69 4.12 0.00	52.78 3.74 -0.49	47.97 3.51 0.00	43.16 2.97 -3.56	43.59 3.19 0.00	45.04 3.18 0.00	43.87 2.91 -2.21	42.93 3.14 0.00	43.68 3.24 0.00	43.13 2.97 0.00	42.31 2.80 0.00	40.88 2.71 0.00	40.65 2.69 0.00	41.22 2.73 0.00	43.35 2.72 0.00	48.39 2.82 0.00	54.42 2.44 0.00	57.90 2.86 0.00	57.18 2.36 0.00	54.96 2.11 0.00	53.81 2.27 0.00	50.53 2.45 0.00	47.40 2.47 0.00	47.36 2.21 0.00
RAVENSWOOD_GT3_3 24250	57.74 4.18 0.00	52.83 3.79 -0.49	48.01 3.56 0.00	43.23 3.04 -3.56	43.63 3.23 0.00	45.12 3.27 0.00	43.91 2.95 -2.21	42.97 3.18 0.00	43.72 3.28 0.00	43.21 3.05 0.00	42.35 2.84 0.00	40.91 2.75 0.00	40.69 2.73 0.00	41.26 2.77 0.00	43.39 2.76 0.00	48.43 2.87 0.00	54.48 2.50 0.00	57.96 2.92 0.00	57.23 2.41 0.00	55.01 2.17 0.00	53.91 2.37 0.00	50.57 2.50 0.00	47.44 2.52 0.00	47.41 2.26 0.00
RAVENSWOOD_GT3_4 24251	57.74 4.18 0.00	52.83 3.79 -0.49	48.01 3.56 0.00	43.23 3.04 -3.56	43.63 3.23 0.00	45.12 3.27 0.00	43.91 2.95 -2.21	42.97 3.18 0.00	43.72 3.28 0.00	43.21 3.05 0.00	42.35 2.84 0.00	40.91 2.75 0.00	40.69 2.73 0.00	41.26 2.77 0.00	43.39 2.76 0.00	48.43 2.87 0.00	54.48 2.50 0.00	57.96 2.92 0.00	57.23 2.41 0.00	55.01 2.17 0.00	53.91 2.37 0.00	50.57 2.50 0.00	47.44 2.52 0.00	47.41 2.26 0.00
RAVENSWOOD_GT_1 23729	57.96 4.39 0.00	53.03 3.98 -0.49	48.24 3.78 -0.01	43.39 3.19 -3.57	43.84 3.43 -0.01	45.29 3.43 0.00	44.02 3.06 -2.21	43.01 3.22 0.00	43.72 3.28 0.00	43.21 3.05 0.00	42.35 2.84 0.00	40.91 2.75 0.00	40.61 2.66 0.00	41.26 2.77 0.00	43.27 2.64 0.00	48.25 2.69 0.00	54.21 2.24 0.01	57.68 2.64 0.00	56.90 2.08 0.01	54.74 1.90 0.01	53.60 2.06 0.00	50.43 2.36 0.00	47.44 2.52 0.00	47.50 2.35 0.00
RAVENSWOOD_GT_10 24258	57.69 4.12 0.00	52.78 3.74 -0.49	47.96 3.51 0.00	43.16 2.97 -3.56	43.59 3.19 0.00	45.04 3.18 0.00	43.87 2.91 -2.21	42.93 3.14 0.00	43.68 3.24 0.00	43.13 2.97 0.00	42.31 2.80 0.00	40.88 2.71 0.00	40.65 2.69 0.00	41.22 2.73 0.00	43.35 2.72 0.00	48.39 2.82 0.00	54.42 2.44 0.00	57.90 2.86 0.00	57.17 2.36 0.00	54.96 2.11 0.00	53.86 2.32 0.00	50.53 2.45 0.00	47.40 2.47 0.00	47.36 2.21 0.00
RAVENSWOOD_GT_11 24259	57.69 4.12 0.00	52.78 3.74 -0.49	47.96 3.51 0.00	43.16 2.97 -3.56	43.59 3.19 0.00	45.04 3.18 0.00	43.87 2.91 -2.21	42.93 3.14 0.00	43.68 3.24 0.00	43.13 2.97 0.00	42.31 2.80 0.00	40.88 2.71 0.00	40.65 2.69 0.00	41.22 2.73 0.00	43.35 2.72 0.00	48.39 2.82 0.00	54.42 2.44 0.00	57.90 2.86 0.00	57.17 2.36 0.00	54.96 2.11 0.00	53.86 2.32 0.00	50.53 2.45 0.00	47.40 2.47 0.00	47.36 2.21 0.00
RAVENSWOOD_GT_4 24252	57.64 4.07 0.00	52.74 3.69 -0.49	47.92 3.47 0.01	43.12 2.93 -3.56	43.54 3.15 0.01	45.00 3.14 0.00	43.83 2.87 -2.21	42.89 3.10 0.00	43.68 3.24 0.00	43.17 3.01 0.00	42.31 2.80 0.00	40.88 2.71 0.00	40.65 2.69 0.00	41.22 2.73 0.00	43.39 2.76 0.00	48.39 2.82 0.00	54.47 2.50 0.00	57.96 2.92 0.00	57.23 2.41 0.00	55.01 2.17 0.00	53.91 2.37 0.00	50.57 2.50 0.00	47.40 2.47 0.00	47.32 2.17 0.00
RAVENSWOOD_GT_5 24254	57.64 4.07 0.00	52.74 3.69 -0.49	47.92 3.47 0.01	43.12 2.93 -3.56	43.54 3.15 0.01	45.00 3.14 0.00	43.83 2.87 -2.21	42.89 3.10 0.00	43.68 3.24 0.00	43.17 3.01 0.00	42.31 2.80 0.00	40.88 2.71 0.00	40.65 2.69 0.00	41.22 2.73 0.00	43.39 2.76 0.00	48.39 2.82 0.00	54.47 2.50 0.00	57.96 2.92 0.00	57.23 2.41 0.00	55.01 2.17 0.00	53.91 2.37 0.00	50.57 2.50 0.00	47.40 2.47 0.00	47.32 2.17 0.00
RAVENSWOOD_GT_6 24253	57.64 4.07 0.00	52.74 3.69 -0.49	47.92 3.47 0.01	43.12 2.93 -3.56	43.54 3.15 0.01	45.00 3.14 0.00	43.83 2.87 -2.21	42.89 3.10 0.00	43.68 3.24 0.00	43.17 3.01 0.00	42.31 2.80 0.00	40.88 2.71 0.00	40.65 2.69 0.00	41.22 2.73 0.00	43.39 2.76 0.00	48.39 2.82 0.00	54.47 2.50 0.00	57.96 2.92 0.00	57.23 2.41 0.00	55.01 2.17 0.00	53.91 2.37 0.00	50.57 2.50 0.00	47.40 2.47 0.00	47.32 2.17 0.00
RAVENSWOOD_GT_7 24255	57.64 4.07 0.00	52.74 3.69 -0.49	47.92 3.47 0.01	43.12 2.93 -3.56	43.54 3.15 0.01	45.00 3.14 0.00	43.83 2.87 -2.21	42.89 3.10 0.00	43.68 3.24 0.00	43.17 3.01 0.00	42.31 2.80 0.00	40.88 2.71 0.00	40.65 2.69 0.00	41.22 2.73 0.00	43.39 2.76 0.00	48.39 2.82 0.00	54.47 2.50 0.00	57.96 2.92 0.00	57.23 2.41 0.00	55.01 2.17 0.00	53.91 2.37 0.00	50.57 2.50 0.00	47.40 2.47 0.00	47.32 2.17 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	57.69 4.12 0.00	52.78 3.74 -0.49	47.96 3.51 0.00	43.16 2.97 -3.56	43.59 3.19 0.00	45.04 3.18 0.00	43.87 2.91 -2.21	42.93 3.14 0.00	43.68 3.24 0.00	43.13 2.97 0.00	42.31 2.80 0.00	40.88 2.71 0.00	40.65 2.69 0.00	41.22 2.73 0.00	43.35 2.72 0.00	48.39 2.82 0.00	54.42 2.44 0.00	57.90 2.86 0.00	57.17 2.36 0.00	54.96 2.11 0.00	53.86 2.32 0.00	50.53 2.45 0.00	47.40 2.47 0.00	47.36 2.21 0.00

RAVENSWOOD_GT_9 24257	57.69 4.12 0.00	52.78 3.74 -0.49	47.96 3.51 0.00	43.16 2.97 -3.56	43.59 3.19 0.00	45.04 3.18 0.00	43.87 2.91 -2.21	42.93 3.14 0.00	43.68 3.24 0.00	43.13 2.97 0.00	42.31 2.80 0.00	40.88 2.71 0.00	40.65 2.69 0.00	41.22 2.73 0.00	43.35 2.72 0.00	48.39 2.82 0.00	54.42 2.44 0.00	57.90 2.86 0.00	57.17 2.36 0.00	54.96 2.11 0.00	53.86 2.32 0.00	50.53 2.45 0.00	47.40 2.47 0.00	47.36 2.21 0.00
RAVENSWOOD___1 23533	57.85 4.29 0.00	53.03 3.98 -0.49	48.15 3.69 -0.01	43.28 3.08 -3.57	43.80 3.39 -0.01	45.25 3.39 0.00	43.99 3.02 -2.21	42.89 3.11 0.00	43.64 3.19 0.00	43.13 2.97 0.00	42.31 2.81 0.00	40.88 2.71 0.00	40.57 2.62 0.00	41.26 2.77 0.00	43.27 2.64 0.00	48.25 2.69 0.00	54.11 2.13 0.01	57.79 2.75 0.00	57.39 2.58 0.01	55.00 2.17 0.01	53.65 2.11 0.00	50.29 2.21 0.00	47.35 2.42 0.00	47.36 2.21 0.00
RAVENSWOOD___2 23534	57.85 4.29 0.00	53.03 3.98 -0.49	48.11 3.65 -0.01	43.28 3.08 -3.57	43.76 3.35 -0.01	45.21 3.35 0.00	43.99 3.02 -2.21	42.85 3.06 0.00	43.60 3.16 0.00	43.13 2.97 0.00	42.31 2.81 0.00	40.88 2.71 0.00	40.57 2.62 0.00	41.22 2.73 0.00	43.27 2.64 0.00	48.20 2.64 0.00	54.11 2.13 0.01	57.74 2.70 0.00	57.33 2.52 0.01	54.95 2.12 0.01	53.60 2.06 0.00	50.29 2.21 0.00	47.35 2.42 0.00	47.36 2.21 0.00
RAVENSWOOD___3 23535	57.64 4.07 0.00	52.78 3.74 -0.49	47.92 3.47 0.00	43.12 2.93 -3.56	43.59 3.19 0.00	45.04 3.18 0.00	43.87 2.91 -2.21	42.81 3.02 0.00	43.60 3.16 0.00	43.09 2.93 0.00	42.31 2.81 0.00	40.88 2.71 0.00	40.65 2.70 0.00	41.22 2.73 0.00	43.35 2.72 0.00	48.39 2.83 0.00	54.37 2.39 0.00	58.01 2.97 0.00	57.67 2.85 0.00	55.22 2.38 0.00	53.86 2.32 0.00	50.48 2.40 0.00	47.35 2.42 0.00	47.32 2.17 0.00
RAVENSWOOD___4 23820	57.85 4.29 0.00	53.03 3.98 -0.49	48.11 3.65 -0.01	43.28 3.08 -3.57	43.76 3.35 -0.01	45.21 3.35 0.00	43.95 2.98 -2.21	42.85 3.06 0.00	43.60 3.16 0.00	43.09 2.93 0.00	42.31 2.81 0.00	40.88 2.71 0.00	40.57 2.62 0.00	41.22 2.73 0.00	43.27 2.64 0.00	48.20 2.64 0.00	54.11 2.13 0.01	57.74 2.70 0.00	57.33 2.52 0.01	54.95 2.12 0.01	53.60 2.06 0.00	50.29 2.21 0.00	47.31 2.38 0.00	47.32 2.17 0.00
RCPL_TRUST___DRP 24196	57.74 4.18 0.00	52.83 3.79 -0.49	48.01 3.56 0.00	43.19 3.00 -3.56	43.63 3.23 0.00	45.08 3.22 0.00	43.91 2.95 -2.21	42.97 3.18 0.00	43.72 3.28 0.00	43.21 3.05 0.00	42.35 2.84 0.00	40.91 2.75 0.00	40.69 2.73 0.00	41.30 2.81 0.00	43.43 2.80 0.00	48.48 2.92 0.00	54.53 2.55 0.00	58.07 3.03 0.00	57.29 2.47 0.00	55.06 2.22 0.00	53.96 2.42 0.00	50.62 2.55 0.00	47.44 2.52 0.00	47.41 2.26 0.00
RED___ROCHESTER 323720	50.41 -3.16 0.00	45.73 -2.86 -0.04	41.92 -2.53 0.00	34.90 -1.94 -0.22	38.14 -2.26 0.00	39.68 -2.18 0.00	36.87 -2.02 -0.14	37.32 -2.47 0.00	37.72 -2.67 0.05	37.24 -2.69 0.23	36.86 -2.65 0.00	35.76 -2.40 0.00	35.60 -2.35 0.00	36.14 -2.35 0.00	38.35 -2.27 0.00	43.42 -2.14 0.00	50.16 -1.82 0.00	53.61 -1.43 0.00	53.01 -1.81 0.00	50.09 -2.75 0.00	49.22 -2.32 0.00	45.82 -2.26 0.00	42.91 -2.02 0.00	43.30 -1.85 0.00
REGAN___SOLAR 323812	57.75 4.18 0.00	53.00 3.74 -0.71	47.70 3.24 0.00	44.37 2.60 -5.15	43.39 2.99 0.00	44.91 3.05 0.00	45.00 3.06 -3.19	42.77 2.99 0.00	43.68 3.24 0.00	43.13 2.97 0.00	42.11 2.61 0.00	40.57 2.41 0.00	40.20 2.24 0.00	40.72 2.23 0.00	43.06 2.44 0.00	48.57 3.01 0.00	55.83 3.85 0.00	59.78 4.73 0.00	59.37 4.55 0.00	56.91 4.07 0.00	55.35 3.81 0.00	51.39 3.31 0.00	47.76 2.83 0.00	48.04 2.89 0.00
RENSSELAER___COGEN 23796	55.60 2.04 0.00	51.04 1.84 -0.64	46.23 1.78 0.00	42.72 1.43 -4.66	42.05 1.66 0.00	43.54 1.68 0.00	43.23 1.59 -2.89	41.30 1.51 0.00	42.10 1.66 0.00	41.72 1.56 0.00	40.97 1.46 0.00	39.58 1.41 0.00	39.36 1.41 0.00	39.87 1.38 0.00	42.09 1.46 0.00	46.70 1.14 0.00	53.08 1.09 0.00	56.47 1.43 0.00	56.13 1.31 0.00	53.90 1.06 0.00	52.57 1.03 0.00	48.99 0.91 0.00	45.83 0.90 0.00	46.32 1.17 0.00
REPUBLIC_115KV_BARTNBRK 55605	59.51 5.95 0.00	54.46 5.24 -0.66	48.94 4.49 0.00	44.89 3.48 -4.79	44.52 4.12 0.00	46.13 4.27 0.00	46.06 4.34 -2.97	43.84 4.06 0.00	45.14 4.69 0.00	45.02 4.86 0.00	43.89 4.39 0.00	42.33 4.16 0.00	41.87 3.91 0.00	42.22 3.73 0.00	44.57 3.94 0.00	50.12 4.56 0.00	57.44 5.46 0.00	61.43 6.38 0.00	60.68 5.87 0.00	58.34 5.50 0.00	56.69 5.15 0.00	52.50 4.42 0.00	48.57 3.64 0.00	49.12 3.97 0.00
REVERE_CPPR_DRP 24186	54.85 1.29 0.00	49.69 1.12 -0.03	45.43 0.98 0.00	37.54 0.73 -0.18	41.33 0.93 0.00	42.95 1.09 0.00	39.80 0.93 -0.11	40.94 1.15 0.00	41.62 1.17 0.00	41.40 1.24 0.00	40.73 1.22 0.00	39.23 1.07 0.00	39.02 1.06 0.00	39.60 1.12 0.00	41.80 1.18 0.00	46.97 1.41 0.00	54.06 2.08 0.00	57.52 2.48 0.00	56.90 2.08 0.00	54.85 2.01 0.00	53.29 1.75 0.00	49.57 1.49 0.00	46.14 1.21 0.00	46.37 1.22 0.00
REYNOLDS_115KV_TB3 80639	55.92 2.36 0.00	51.34 2.14 -0.65	46.45 2.00 0.00	42.91 1.61 -4.67	42.22 1.82 0.00	43.70 1.84 0.00	43.39 1.74 -2.90	41.46 1.67 0.00	42.26 1.82 0.00	41.88 1.73 0.00	41.17 1.66 0.00	39.77 1.60 0.00	39.55 1.59 0.00	40.07 1.58 0.00	42.25 1.63 0.00	46.97 1.41 0.00	53.39 1.40 0.00	56.69 1.65 0.00	56.13 1.32 0.00	54.06 1.22 0.00	52.78 1.24 0.00	49.28 1.20 0.00	46.05 1.12 0.00	46.46 1.31 0.00
RIVERBAY____ 323610	58.77 5.20 -0.01	53.71 4.66 -0.50	48.86 4.40 -0.01	43.90 3.70 -3.57	44.36 3.96 -0.01	45.89 4.02 -0.01	44.57 3.60 -2.21	43.52 3.74 0.00	44.12 3.68 0.00	43.61 3.45 0.00	42.71 3.20 0.00	41.26 3.09 0.00	40.80 2.85 0.00	41.61 3.12 0.00	43.51 2.88 0.00	48.43 2.87 0.00	54.37 2.39 0.01	57.90 2.86 0.00	57.06 2.25 0.01	54.90 2.06 0.01	53.81 2.27 0.00	50.67 2.60 0.00	47.80 2.88 0.00	48.09 2.93 0.00
RIVERSDE_115KV_TB3 55908	55.87 2.30 0.00	51.29 2.09 -0.65	46.37 1.91 0.00	42.85 1.54 -4.68	42.17 1.78 0.00	43.66 1.80 0.00	43.36 1.71 -2.90	41.42 1.63 0.00	42.22 1.78 0.00	41.84 1.69 0.00	41.09 1.58 0.00	39.73 1.56 0.00	39.47 1.52 0.00	39.99 1.50 0.00	42.21 1.58 0.00	46.84 1.28 0.00	53.23 1.25 0.00	56.58 1.54 0.00	56.02 1.21 0.00	53.95 1.11 0.00	52.67 1.13 0.00	49.13 1.06 0.00	45.92 0.99 0.00	46.42 1.26 0.00
ROARING___BROOK_WT_PWR 323790	52.23 -1.34 0.00	47.29 -1.26 0.00	43.26 -1.20 0.00	35.67 -0.95 0.00	39.31 -1.09 0.00	40.69 -1.17 0.00	37.74 -1.01 0.00	38.79 -0.99 0.00	39.39 -1.05 0.00	39.19 -0.96 0.00	38.64 -0.87 0.00	37.29 -0.88 0.00	37.09 -0.87 0.00	37.64 -0.85 0.00	39.73 -0.89 0.00	44.69 -0.87 0.00	51.20 -0.78 0.00	54.22 -0.82 0.00	54.27 -0.55 0.00	52.74 -0.11 0.00	51.49 -0.05 0.00	48.12 0.05 0.00	45.02 0.09 0.00	45.29 0.14 0.00

ROCHESRG_115KV_T4 355643	49.87 -3.70 0.00	45.34 -3.25 -0.04	41.56 -2.89 0.00	34.61 -2.23 -0.22	37.81 -2.59 0.00	39.35 -2.51 0.00	36.57 -2.33 -0.14	36.84 -2.94 0.00	37.27 -3.11 0.06	36.79 -3.09 0.27	36.50 -3.00 0.00	35.42 -2.75 0.00	35.30 -2.66 0.00	35.79 -2.69 0.00	37.99 -2.64 0.00	43.01 -2.55 0.00	49.64 -2.34 0.00	52.90 -2.15 0.00	52.24 -2.58 0.00	50.25 -2.59 0.00	48.86 -2.68 0.00	45.38 -2.69 0.00	42.50 -2.43 0.00	43.03 -2.12 0.00
ROCHESTER_9_IC 23652	50.14 -3.43 0.00	45.53 -3.06 -0.04	41.74 -2.71 0.00	34.76 -2.09 -0.22	38.01 -2.38 0.00	39.51 -2.34 0.00	36.72 -2.17 -0.14	37.04 -2.75 0.00	37.48 -2.91 0.05	37.04 -2.89 0.23	36.70 -2.80 0.00	35.61 -2.56 0.00	35.45 -2.51 0.00	35.95 -2.54 0.00	38.19 -2.44 0.00	43.28 -2.28 0.00	49.95 -2.03 0.00	53.28 -1.76 0.00	52.63 -2.19 0.00	50.57 -2.27 0.00	49.17 -2.37 0.00	45.67 -2.40 0.00	42.73 -2.20 0.00	43.25 -1.90 0.00
ROCKVIEW_13_KV_LD 356306	57.53 3.96 0.00	52.64 3.59 -0.49	47.83 3.38 0.00	43.05 2.86 -3.56	43.47 3.07 0.00	44.96 3.10 0.00	43.75 2.79 -2.21	42.81 3.02 0.00	43.60 3.15 0.00	43.05 2.89 0.00	42.23 2.73 0.00	40.80 2.63 0.00	40.61 2.66 0.00	41.14 2.66 0.00	43.31 2.68 0.00	48.39 2.82 0.00	54.58 2.60 0.00	58.12 3.08 0.00	57.39 2.58 0.00	55.17 2.33 0.00	53.96 2.42 0.00	50.57 2.50 0.00	47.35 2.43 0.00	47.32 2.17 0.00
ROME____115KV_TB2 80656	54.85 1.29 0.00	49.69 1.12 -0.03	45.43 0.98 0.00	37.54 0.73 -0.18	41.33 0.93 0.00	42.95 1.09 0.00	39.80 0.93 -0.11	40.94 1.15 0.00	41.62 1.17 0.00	41.40 1.24 0.00	40.73 1.22 0.00	39.23 1.07 0.00	39.02 1.06 0.00	39.60 1.12 0.00	41.80 1.18 0.00	46.97 1.41 0.00	54.06 2.08 0.00	57.52 2.48 0.00	56.90 2.08 0.00	54.85 2.01 0.00	53.29 1.75 0.00	49.57 1.49 0.00	46.14 1.21 0.00	46.37 1.22 0.00
ROSETON___1 23587	56.83 3.27 0.00	52.05 3.01 -0.49	47.21 2.76 0.00	42.50 2.35 -3.53	42.94 2.55 0.00	44.46 2.60 0.00	43.26 2.33 -2.19	42.21 2.43 0.00	43.03 2.59 0.00	42.53 2.37 0.00	41.76 2.25 0.00	40.34 2.17 0.00	40.12 2.16 0.00	40.68 2.19 0.00	42.82 2.19 0.00	47.88 2.32 0.00	54.11 2.13 0.00	57.68 2.64 0.00	57.29 2.47 0.00	54.96 2.12 0.00	53.60 2.06 0.00	50.09 2.02 0.00	46.90 1.97 0.00	46.91 1.76 0.00
ROSETON___2 23588	56.83 3.27 0.00	52.05 3.01 -0.49	47.21 2.76 0.00	42.50 2.35 -3.53	42.94 2.55 0.00	44.46 2.60 0.00	43.26 2.33 -2.19	42.21 2.43 0.00	43.03 2.59 0.00	42.53 2.37 0.00	41.76 2.25 0.00	40.34 2.17 0.00	40.12 2.16 0.00	40.68 2.19 0.00	42.82 2.19 0.00	47.88 2.32 0.00	54.11 2.13 0.00	57.68 2.64 0.00	57.29 2.47 0.00	54.96 2.12 0.00	53.60 2.06 0.00	50.09 2.02 0.00	46.90 1.97 0.00	46.91 1.76 0.00
ROTTRDAM_115KV_TB3 80664	55.39 1.82 0.00	50.88 1.65 -0.67	45.97 1.51 0.00	42.70 1.21 -4.86	41.77 1.37 0.00	43.24 1.38 0.00	43.09 1.32 -3.02	41.10 1.31 0.00	41.86 1.42 0.00	41.48 1.33 0.00	40.73 1.22 0.00	39.31 1.14 0.00	39.10 1.14 0.00	39.60 1.12 0.00	41.80 1.18 0.00	46.84 1.28 0.00	53.39 1.40 0.00	56.69 1.65 0.00	56.24 1.43 0.00	54.16 1.32 0.00	52.83 1.29 0.00	49.28 1.20 0.00	46.01 1.08 0.00	46.23 1.08 0.00
RUSSELL___1 23602	50.35 -3.21 0.00	45.73 -2.86 -0.04	41.88 -2.58 0.00	34.87 -1.98 -0.22	38.14 -2.26 0.00	39.68 -2.18 0.00	36.88 -2.02 -0.14	37.24 -2.55 0.00	37.64 -2.75 0.05	37.24 -2.69 0.23	36.86 -2.65 0.00	35.76 -2.40 0.00	35.60 -2.35 0.00	36.14 -2.35 0.00	38.39 -2.23 0.00	43.56 -2.00 0.00	50.27 -1.72 0.00	53.67 -1.38 0.00	52.95 -1.86 0.00	50.89 -1.96 0.00	49.48 -2.06 0.00	45.91 -2.16 0.00	42.95 -1.98 0.00	43.44 -1.72 0.00
RUSSELL___2 23532	50.35 -3.21 0.00	45.73 -2.86 -0.04	41.88 -2.58 0.00	34.87 -1.98 -0.22	38.14 -2.26 0.00	39.68 -2.18 0.00	36.88 -2.02 -0.14	37.24 -2.55 0.00	37.64 -2.75 0.05	37.24 -2.69 0.23	36.86 -2.65 0.00	35.76 -2.40 0.00	35.60 -2.35 0.00	36.14 -2.35 0.00	38.39 -2.23 0.00	43.56 -2.00 0.00	50.27 -1.72 0.00	53.67 -1.38 0.00	52.95 -1.86 0.00	50.89 -1.96 0.00	49.48 -2.06 0.00	45.91 -2.16 0.00	42.95 -1.98 0.00	43.44 -1.72 0.00
RUSSELL___3 23549	50.35 -3.21 0.00	45.73 -2.86 -0.04	41.88 -2.58 0.00	34.87 -1.98 -0.22	38.14 -2.26 0.00	39.68 -2.18 0.00	36.88 -2.02 -0.14	37.24 -2.55 0.00	37.64 -2.75 0.05	37.24 -2.69 0.23	36.86 -2.65 0.00	35.76 -2.40 0.00	35.60 -2.35 0.00	36.14 -2.35 0.00	38.39 -2.23 0.00	43.56 -2.00 0.00	50.27 -1.72 0.00	53.67 -1.38 0.00	52.95 -1.86 0.00	50.89 -1.96 0.00	49.48 -2.06 0.00	45.91 -2.16 0.00	42.95 -1.98 0.00	43.44 -1.72 0.00
RUSSELL___4 23556	50.35 -3.21 0.00	45.73 -2.86 -0.04	41.88 -2.58 0.00	34.87 -1.98 -0.22	38.14 -2.26 0.00	39.68 -2.18 0.00	36.88 -2.02 -0.14	37.24 -2.55 0.00	37.64 -2.75 0.05	37.24 -2.69 0.23	36.86 -2.65 0.00	35.76 -2.40 0.00	35.60 -2.35 0.00	36.14 -2.35 0.00	38.39 -2.23 0.00	43.56 -2.00 0.00	50.27 -1.72 0.00	53.67 -1.38 0.00	52.95 -1.86 0.00	50.89 -1.96 0.00	49.48 -2.06 0.00	45.91 -2.16 0.00	42.95 -1.98 0.00	43.44 -1.72 0.00
RUSSELL___STATION 23914	50.35 -3.21 0.00	45.73 -2.86 -0.04	41.88 -2.58 0.00	34.87 -1.98 -0.22	38.14 -2.26 0.00	39.68 -2.18 0.00	36.88 -2.02 -0.14	37.24 -2.55 0.00	37.64 -2.75 0.05	37.24 -2.69 0.23	36.86 -2.65 0.00	35.76 -2.40 0.00	35.60 -2.35 0.00	36.14 -2.35 0.00	38.39 -2.23 0.00	43.56 -2.00 0.00	50.27 -1.72 0.00	53.67 -1.38 0.00	52.95 -1.86 0.00	50.89 -1.96 0.00	49.48 -2.06 0.00	45.91 -2.16 0.00	42.95 -1.98 0.00	43.44 -1.72 0.00
S SALMON___HYD 24043	52.44 -1.13 0.00	47.52 -1.07 -0.04	43.48 -0.98 0.00	36.09 -0.81 -0.27	39.55 -0.85 0.00	41.06 -0.80 0.00	38.10 -0.82 -0.17	39.07 -0.71 0.00	39.72 -0.73 0.00	39.51 -0.64 0.00	38.87 -0.63 0.00	37.48 -0.69 0.00	37.27 -0.68 0.00	37.83 -0.65 0.00	39.98 -0.65 0.00	44.97 -0.59 0.00	51.56 -0.42 0.00	54.88 -0.16 0.00	54.44 -0.38 0.00	52.21 -0.63 0.00	50.92 -0.62 0.00	47.40 -0.67 0.00	44.16 -0.76 0.00	44.34 -0.81 0.00
S.PERRY___115KV_TB1 80734	51.21 -2.36 0.00	46.30 -2.28 -0.03	42.63 -1.82 0.00	34.99 -1.68 -0.05	38.78 -1.62 0.00	40.44 -1.42 0.00	37.28 -1.51 -0.04	38.19 -1.59 0.00	40.00 -1.74 -1.30	44.13 -1.81 -5.78	37.41 -2.09 0.00	36.26 -1.91 0.00	36.17 -1.78 0.00	36.72 -1.77 0.00	39.16 -1.46 0.00	44.83 -0.73 0.00	52.29 0.31 0.00	56.14 1.10 0.00	55.37 0.55 0.00	53.11 0.26 0.00	51.59 0.05 0.00	47.79 -0.29 0.00	44.57 -0.36 0.00	45.02 -0.14 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	48.16 -5.41 0.00	43.60 -5.00 -0.04	40.36 -4.09 0.00	33.28 -3.55 -0.20	36.72 -3.68 0.00	38.38 -3.47 0.00	35.01 -3.88 -0.13	35.21 -4.58 0.00	35.43 -4.61 0.40	34.01 -4.38 1.77	35.00 -4.50 0.00	34.08 -4.08 0.00	34.16 -3.80 0.00	34.56 -3.93 0.00	36.81 -3.82 0.00	41.96 -3.60 0.00	48.60 -3.38 0.00	51.96 -3.08 0.00	51.20 -3.62 0.00	49.30 -3.54 0.00	47.88 -3.66 0.00	44.42 -3.65 0.00	41.83 -3.10 0.00	42.71 -2.44 0.00

SAWYER___23_KV_LOAD 55526	48.16 -5.41 0.00	43.60 -5.00 -0.04	40.36 -4.09 0.00	33.28 -3.55 -0.20	36.72 -3.68 0.00	38.38 -3.47 0.00	35.01 -3.88 -0.13	35.21 -4.58 0.00	35.43 -4.61 0.40	34.01 -4.38 1.77	35.00 -4.50 0.00	34.08 -4.08 0.00	34.16 -3.80 0.00	34.56 -3.93 0.00	36.81 -3.82 0.00	41.96 -3.60 0.00	48.60 -3.38 0.00	51.96 -3.08 0.00	51.20 -3.62 0.00	49.30 -3.54 0.00	47.88 -3.66 0.00	44.42 -3.65 0.00	41.83 -3.10 0.00	42.71 -2.44 0.00
SELKIRK___I 23801	55.60 2.04 0.00	51.03 1.84 -0.63	46.19 1.73 0.00	42.56 1.36 -4.58	41.97 1.57 0.00	43.49 1.63 0.00	43.10 1.51 -2.84	41.22 1.43 0.00	42.02 1.58 0.00	41.60 1.44 0.00	40.85 1.34 0.00	39.46 1.30 0.00	39.21 1.25 0.00	39.76 1.27 0.00	41.97 1.34 0.00	46.79 1.23 0.00	53.28 1.30 0.00	56.64 1.60 0.00	56.30 1.48 0.00	54.11 1.27 0.00	52.77 1.23 0.00	49.18 1.11 0.00	45.96 1.03 0.00	46.37 1.22 0.00
SELKIRK___II 23799	55.49 1.93 0.00	50.94 1.75 -0.64	46.10 1.65 0.00	42.58 1.32 -4.64	41.93 1.53 0.00	43.41 1.55 0.00	43.06 1.43 -2.88	41.18 1.39 0.00	41.94 1.50 0.00	41.56 1.40 0.00	40.81 1.30 0.00	39.42 1.26 0.00	39.21 1.25 0.00	39.72 1.23 0.00	41.93 1.30 0.00	46.70 1.14 0.00	53.12 1.14 0.00	56.47 1.43 0.00	56.13 1.31 0.00	53.90 1.06 0.00	52.62 1.08 0.00	49.04 0.96 0.00	45.87 0.94 0.00	46.23 1.08 0.00
SENECA OSWGO___HYD 24041	51.80 -1.77 0.00	46.99 -1.60 -0.04	43.03 -1.42 0.00	35.76 -1.17 -0.30	39.14 -1.25 0.00	40.60 -1.25 0.00	37.82 -1.13 -0.19	38.67 -1.11 0.00	39.27 -1.17 0.00	38.99 -1.17 0.00	38.32 -1.18 0.00	37.02 -1.14 0.00	36.82 -1.14 0.00	37.30 -1.19 0.00	39.49 -1.14 0.00	44.38 -1.18 0.00	50.84 -1.14 0.00	54.05 -0.99 0.00	53.61 -1.21 0.00	51.36 -1.48 0.00	50.10 -1.44 0.00	46.58 -1.49 0.00	43.49 -1.44 0.00	43.66 -1.49 0.00
SENECA___115KV_TB3 355854	48.75 -4.82 0.00	43.94 -4.66 -0.05	40.81 -3.65 0.00	33.42 -3.41 -0.20	37.17 -3.23 0.00	38.89 -2.97 0.00	35.13 -3.76 -0.13	35.73 -4.06 0.00	36.10 -3.92 0.42	34.58 -3.73 1.85	35.52 -3.99 0.00	34.54 -3.63 0.00	34.65 -3.30 0.00	35.10 -3.39 0.00	37.42 -3.21 0.00	42.69 -2.87 0.00	49.54 -2.44 0.00	53.06 -1.98 0.00	52.24 -2.58 0.00	50.25 -2.59 0.00	48.86 -2.68 0.00	45.29 -2.79 0.00	42.64 -2.29 0.00	43.48 -1.67 0.00
SENECA___ENERGY 23797	51.69 -1.88 0.00	47.01 -1.60 -0.06	43.08 -1.38 0.00	35.81 -1.21 -0.40	39.19 -1.21 0.00	40.73 -1.13 0.00	37.87 -1.13 -0.25	38.75 -1.03 0.00	39.40 -1.13 -0.09	39.38 -1.17 -0.39	38.28 -1.22 0.00	36.98 -1.18 0.00	36.78 -1.18 0.00	37.34 -1.15 0.00	39.57 -1.06 0.00	44.69 -0.87 0.00	51.36 -0.62 0.00	54.82 -0.22 0.00	54.32 -0.49 0.00	51.73 -1.11 0.00	50.51 -1.03 0.00	46.92 -1.15 0.00	43.90 -1.03 0.00	44.07 -1.08 0.00
SHOEMAKER___GT 23640	56.24 2.68 0.00	51.48 2.47 -0.45	46.72 2.27 0.00	41.82 1.94 -3.25	42.50 2.10 0.00	43.99 2.13 0.00	42.71 1.94 -2.02	41.77 1.99 0.00	42.55 2.10 0.00	42.08 1.93 0.00	41.29 1.78 0.00	39.84 1.68 0.00	39.67 1.71 0.00	40.22 1.73 0.00	42.37 1.75 0.00	47.43 1.87 0.00	53.75 1.77 0.00	57.30 2.26 0.00	56.90 2.08 0.00	54.53 1.69 0.00	53.24 1.70 0.00	49.71 1.64 0.00	46.50 1.57 0.00	46.55 1.40 0.00
SHOEMAKR_138KV_BK 111 55601	56.24 2.68 0.00	51.43 2.43 -0.45	46.77 2.31 0.00	41.80 1.94 -3.23	42.50 2.10 0.00	43.99 2.13 0.00	42.66 1.90 -2.00	41.81 2.03 0.00	42.59 2.14 0.00	42.08 1.93 0.00	41.28 1.78 0.00	39.88 1.72 0.00	39.66 1.71 0.00	40.22 1.73 0.00	42.37 1.75 0.00	47.38 1.82 0.00	53.70 1.72 0.00	57.13 2.09 0.00	56.46 1.64 0.00	54.32 1.48 0.00	53.08 1.55 0.00	49.66 1.59 0.00	46.46 1.53 0.00	46.51 1.35 0.00
SHOREHAM_IC_1 23715	59.30 5.73 0.00	54.29 5.25 -0.49	49.03 4.58 0.00	44.11 3.92 -3.56	44.72 4.32 0.00	46.34 4.48 0.00	45.08 4.11 -2.22	49.06 4.26 -5.02	50.40 4.37 -5.59	50.64 4.10 -6.39	48.78 3.87 -5.40	45.11 3.74 -3.20	41.65 3.68 -0.01	44.59 3.73 -2.37	45.42 3.90 -0.90	50.32 4.10 -0.66	64.21 4.37 -7.87	74.15 5.12 -13.98	70.62 4.94 -10.86	60.64 4.33 -3.46	57.31 4.23 -1.54	55.86 3.99 -3.80	48.27 3.32 -0.01	48.08 2.93 0.00
SHOREHAM_IC_2 23716	59.30 5.73 0.00	54.29 5.25 -0.49	49.03 4.58 0.00	44.11 3.92 -3.56	44.72 4.32 0.00	46.34 4.48 0.00	45.08 4.11 -2.22	49.06 4.26 -5.02	50.40 4.37 -5.59	50.64 4.10 -6.39	48.78 3.87 -5.40	45.11 3.74 -3.20	41.65 3.68 -0.01	44.59 3.73 -2.37	45.42 3.90 -0.90	50.32 4.10 -0.66	64.21 4.37 -7.87	74.15 5.12 -13.98	70.62 4.94 -10.86	60.64 4.33 -3.46	57.31 4.23 -1.54	55.86 3.99 -3.80	48.27 3.32 -0.01	48.08 2.93 0.00
SISSONVILLE____ 23735	53.19 -0.37 0.00	48.26 -0.29 0.00	43.96 -0.49 0.00	36.15 -0.48 0.00	39.71 -0.69 0.00	40.85 -1.00 0.00	37.75 -1.01 0.00	38.87 -0.92 0.00	45.76 -1.05 -6.36	45.90 -0.72 -6.47	46.74 -0.28 -7.51	40.84 -0.34 -3.01	37.61 -0.34 0.00	38.22 -0.27 0.00	40.02 -0.61 0.00	44.92 -0.64 0.00	51.36 -0.83 0.00	54.22 -0.83 0.00	54.71 -0.11 0.00	52.95 0.11 0.00	51.59 0.05 0.00	48.17 0.10 0.00	45.20 0.27 0.00	45.69 0.54 0.00
SITHE_IND_GS1 24169	51.21 -2.36 0.00	46.45 -2.14 -0.03	42.54 -1.91 0.00	35.32 -1.54 -0.23	38.70 -1.70 0.00	40.14 -1.72 0.00	37.30 -1.59 -0.14	38.12 -1.67 0.00	38.75 -1.70 0.00	38.47 -1.69 0.00	37.81 -1.70 0.00	36.53 -1.64 0.00	36.33 -1.63 0.00	36.83 -1.65 0.00	38.96 -1.67 0.00	43.74 -1.82 0.00	50.01 -1.98 0.00	53.17 -1.87 0.00	52.79 -2.03 0.00	50.63 -2.22 0.00	49.48 -2.06 0.00	46.06 -2.02 0.00	43.04 -1.89 0.00	43.26 -1.89 0.00
SITHE_IND_GS2 24170	51.21 -2.36 0.00	46.45 -2.14 -0.03	42.54 -1.91 0.00	35.32 -1.54 -0.23	38.70 -1.70 0.00	40.14 -1.72 0.00	37.30 -1.59 -0.14	38.12 -1.67 0.00	38.75 -1.70 0.00	38.47 -1.69 0.00	37.81 -1.70 0.00	36.53 -1.64 0.00	36.33 -1.63 0.00	36.83 -1.65 0.00	38.96 -1.67 0.00	43.74 -1.82 0.00	50.01 -1.98 0.00	53.17 -1.87 0.00	52.79 -2.03 0.00	50.63 -2.22 0.00	49.48 -2.06 0.00	46.06 -2.02 0.00	43.04 -1.89 0.00	43.26 -1.89 0.00
SITHE_IND_GS3 24171	51.21 -2.36 0.00	46.45 -2.14 -0.03	42.54 -1.91 0.00	35.32 -1.54 -0.23	38.70 -1.70 0.00	40.14 -1.72 0.00	37.30 -1.59 -0.14	38.12 -1.67 0.00	38.75 -1.70 0.00	38.47 -1.69 0.00	37.81 -1.70 0.00	36.53 -1.64 0.00	36.33 -1.63 0.00	36.83 -1.65 0.00	38.96 -1.67 0.00	43.74 -1.82 0.00	50.01 -1.98 0.00	53.17 -1.87 0.00	52.79 -2.03 0.00	50.63 -2.22 0.00	49.48 -2.06 0.00	46.06 -2.02 0.00	43.04 -1.89 0.00	43.26 -1.89 0.00
SITHE_IND_GS4 24172	51.21 -2.36 0.00	46.45 -2.14 -0.03	42.54 -1.91 0.00	35.32 -1.54 -0.23	38.70 -1.70 0.00	40.14 -1.72 0.00	37.30 -1.59 -0.14	38.12 -1.67 0.00	38.75 -1.70 0.00	38.47 -1.69 0.00	37.81 -1.70 0.00	36.53 -1.64 0.00	36.33 -1.63 0.00	36.83 -1.65 0.00	38.96 -1.67 0.00	43.74 -1.82 0.00	50.01 -1.98 0.00	53.17 -1.87 0.00	52.79 -2.03 0.00	50.63 -2.22 0.00	49.48 -2.06 0.00	46.06 -2.02 0.00	43.04 -1.89 0.00	43.26 -1.89 0.00

SITHE___BATAVIA 24024	49.60 -3.96 0.00	45.00 -3.59 -0.04	41.34 -3.11 0.00	34.20 -2.64 -0.21	37.65 -2.75 0.00	39.26 -2.60 0.00	36.10 -2.79 -0.14	36.60 -3.18 0.00	36.83 -3.40 0.22	35.98 -3.21 0.96	36.03 -3.48 0.00	35.00 -3.17 0.00	34.92 -3.04 0.00	35.45 -3.04 0.00	37.74 -2.88 0.00	42.87 -2.69 0.00	49.90 -2.08 0.00	53.44 -1.60 0.00	52.79 -2.03 0.00	49.52 -3.33 0.00	48.86 -2.68 0.00	45.43 -2.64 0.00	42.68 -2.25 0.00	43.26 -1.89 0.00
SITHE___INDEPEND 23800	51.21 -2.36 0.00	46.45 -2.14 -0.03	42.54 -1.91 0.00	35.28 -1.57 -0.23	38.70 -1.70 0.00	40.14 -1.72 0.00	37.31 -1.59 -0.14	38.11 -1.67 0.00	38.75 -1.70 0.00	38.47 -1.69 0.00	37.81 -1.70 0.00	36.52 -1.64 0.00	36.32 -1.63 0.00	36.83 -1.66 0.00	38.96 -1.67 0.00	43.74 -1.82 0.00	50.06 -1.92 0.00	53.12 -1.93 0.00	52.74 -2.08 0.00	50.78 -2.06 0.00	49.48 -2.06 0.00	46.10 -1.97 0.00	43.04 -1.89 0.00	43.25 -1.90 0.00
SITHE___MASSENA 23902	53.57 0.00 0.00	48.50 -0.05 0.00	44.32 -0.13 0.00	36.48 -0.15 0.00	40.20 -0.20 0.00	41.57 -0.29 0.00	38.48 -0.27 0.00	39.55 -0.24 0.00	41.57 -0.36 -1.49	41.47 -0.20 -1.52	41.27 0.00 -1.76	38.87 0.00 -0.71	37.92 -0.04 0.00	38.53 0.04 0.00	40.55 -0.08 0.00	45.61 0.05 0.00	52.14 0.16 0.00	54.77 -0.27 0.00	54.93 0.11 0.00	53.58 0.74 0.00	52.16 0.62 0.00	48.70 0.62 0.00	45.56 0.63 0.00	45.92 0.77 0.00
SITHE___OGDNSBRG 24021	54.21 0.64 0.00	49.18 0.63 0.00	44.76 0.31 0.00	36.85 0.22 0.00	40.56 0.16 0.00	41.90 0.04 0.00	38.75 0.00 0.00	39.94 0.16 0.00	44.92 0.00 -4.47	44.94 0.24 -4.55	45.34 0.55 -5.28	40.74 0.46 -2.12	38.37 0.42 0.00	39.03 0.54 0.00	40.95 0.33 0.00	46.11 0.55 0.00	52.87 0.88 0.00	55.70 0.66 0.00	56.19 1.37 0.00	54.38 1.53 0.00	52.88 1.34 0.00	49.32 1.25 0.00	46.19 1.26 0.00	46.51 1.35 0.00
SITHE___STERLING 23777	54.48 0.91 0.00	49.46 0.87 -0.03	45.21 0.75 0.00	37.39 0.55 -0.21	41.13 0.73 0.00	42.74 0.88 0.00	39.62 0.73 -0.13	40.74 0.95 0.00	41.41 0.97 0.00	41.12 0.96 0.00	40.45 0.95 0.00	38.97 0.80 0.00	38.75 0.80 0.00	39.30 0.81 0.00	41.52 0.89 0.00	46.65 1.09 0.00	53.54 1.56 0.00	56.97 1.93 0.00	56.46 1.64 0.00	54.22 1.37 0.00	52.77 1.23 0.00	49.09 1.01 0.00	45.74 0.81 0.00	45.96 0.81 0.00
SLEIGHT__34_KV_TB1 80719	50.83 -2.73 0.00	46.17 -2.43 -0.05	42.28 -2.18 0.00	35.22 -1.72 -0.31	38.50 -1.90 0.00	40.02 -1.84 0.00	37.28 -1.67 -0.20	37.84 -1.95 0.00	38.38 -2.06 0.00	38.11 -2.05 0.00	37.49 -2.01 0.00	36.30 -1.87 0.00	36.10 -1.86 0.00	36.60 -1.89 0.00	38.84 -1.79 0.00	43.97 -1.59 0.00	50.63 -1.35 0.00	54.00 -1.05 0.00	53.34 -1.48 0.00	51.21 -1.64 0.00	49.79 -1.75 0.00	46.20 -1.87 0.00	43.13 -1.80 0.00	43.48 -1.67 0.00
SOUTH CAIRO___GT 23612	57.21 3.64 0.00	52.27 3.11 -0.61	47.70 3.25 0.00	43.40 2.38 -4.39	43.39 2.99 0.00	44.91 3.06 0.00	43.99 2.52 -2.72	42.33 2.55 0.00	43.36 2.91 0.00	42.77 2.61 0.00	41.76 2.25 0.00	40.19 2.02 0.00	39.97 2.01 0.00	40.49 2.00 0.00	42.98 2.36 0.00	47.93 2.37 0.00	55.05 3.07 0.00	58.62 3.58 0.00	57.89 3.07 0.00	55.64 2.80 0.00	54.32 2.78 0.00	50.43 2.36 0.00	47.09 2.16 0.00	47.63 2.48 0.00
SOUTH HAMPTN___IC 23720	59.46 5.89 0.00	54.43 5.39 -0.49	49.12 4.67 0.00	44.22 4.03 -3.56	44.84 4.44 0.00	46.42 4.56 0.00	45.20 4.22 -2.22	49.14 4.34 -5.02	50.52 4.49 -5.59	50.72 4.18 -6.39	48.86 3.95 -5.40	45.18 3.82 -3.20	41.69 3.72 -0.01	44.67 3.81 -2.37	45.51 3.98 -0.89	50.46 4.24 -0.66	64.26 4.42 -7.87	74.26 5.23 -13.98	70.72 5.04 -10.86	60.74 4.44 -3.46	57.41 4.33 -1.54	55.91 4.04 -3.80	48.35 3.41 -0.01	48.31 3.16 0.00
SOUTHDOW_115KV_TB1 355954	49.71 -3.86 0.00	44.57 -4.03 -0.05	41.65 -2.80 0.00	33.73 -3.11 -0.21	37.93 -2.46 0.00	39.81 -2.05 0.00	35.64 -3.26 -0.14	36.96 -2.82 0.00	37.68 -2.55 0.22	36.82 -2.37 0.97	36.35 -3.16 0.00	35.38 -2.79 0.00	35.57 -2.39 0.00	36.10 -2.39 0.00	38.60 -2.03 0.00	44.15 -1.41 0.00	51.36 -0.62 0.00	55.10 0.06 0.00	54.11 -0.71 0.00	52.05 -0.79 0.00	50.66 -0.88 0.00	46.92 -1.15 0.00	43.94 -0.99 0.00	44.61 -0.54 0.00
SOUTHOLD_69_KV_BK 2 55809	59.24 5.68 0.00	54.00 4.95 -0.49	49.03 4.58 0.00	44.26 4.07 -3.56	44.72 4.32 0.00	46.17 4.31 0.00	45.24 4.26 -2.22	49.30 4.50 -5.02	50.60 4.57 -5.59	50.80 4.26 -6.39	48.78 3.87 -5.40	45.14 3.78 -3.20	41.65 3.68 -0.01	44.59 3.73 -2.37	45.42 3.90 -0.89	50.41 4.19 -0.66	64.11 4.26 -7.87	74.14 5.12 -13.98	70.18 4.50 -10.86	60.42 4.12 -3.46	57.25 4.17 -1.54	55.86 3.99 -3.80	48.72 3.77 -0.01	48.54 3.39 0.00
SOUTHOLD___IC 23719	59.56 6.00 0.00	54.43 5.39 -0.49	49.12 4.67 0.00	44.18 3.99 -3.56	44.84 4.44 0.00	46.46 4.60 0.00	45.24 4.26 -2.22	49.22 4.42 -5.02	50.52 4.49 -5.59	50.76 4.22 -6.39	48.78 3.87 -5.40	45.14 3.78 -3.20	41.65 3.68 -0.01	44.59 3.73 -2.37	45.42 3.90 -0.89	50.46 4.24 -0.66	64.16 4.31 -7.87	74.26 5.23 -13.98	70.67 4.99 -10.86	60.69 4.38 -3.46	57.35 4.28 -1.54	55.86 3.99 -3.80	48.27 3.32 -0.01	48.49 3.34 0.00
SOUTH_FORK_WT_PWR 323839	59.08 5.52 0.00	54.00 4.95 -0.49	48.68 4.23 0.00	43.85 3.66 -3.56	44.44 4.04 0.00	46.04 4.19 0.00	44.85 3.87 -2.22	48.82 4.02 -5.02	50.16 4.13 -5.59	50.36 3.82 -6.39	48.31 3.40 -5.40	44.72 3.36 -3.20	41.23 3.26 -0.01	44.17 3.31 -2.37	45.02 3.49 -0.89	49.96 3.74 -0.66	63.48 3.64 -7.87	73.54 4.51 -13.98	69.96 4.28 -10.86	60.00 3.70 -3.46	56.69 3.61 -1.54	55.29 3.41 -3.80	47.73 2.79 -0.01	48.18 3.03 0.00
SPIERFLS_115KV_TB 1 80737	56.78 3.21 0.00	52.03 2.82 -0.66	46.77 2.31 0.00	43.21 1.79 -4.79	42.54 2.14 0.00	44.04 2.18 0.00	43.97 2.25 -2.97	41.85 2.07 0.00	42.87 2.43 0.00	42.65 2.49 0.00	41.72 2.21 0.00	40.26 2.10 0.00	39.89 1.94 0.00	40.34 1.85 0.00	42.58 1.95 0.00	47.75 2.19 0.00	54.53 2.55 0.00	58.18 3.14 0.00	57.50 2.69 0.00	55.38 2.54 0.00	53.91 2.37 0.00	50.09 2.02 0.00	46.50 1.57 0.00	47.00 1.85 0.00
ST LAWRENCE____ 23600	53.19 -0.37 0.00	48.16 -0.39 0.00	44.01 -0.44 0.00	36.26 -0.37 0.00	39.91 -0.48 0.00	41.31 -0.55 0.00	38.29 -0.46 0.00	39.31 -0.48 0.00	39.84 -0.61 0.00	39.68 -0.48 0.00	39.19 -0.32 0.00	37.86 -0.31 0.00	37.65 -0.30 0.00	38.22 -0.27 0.00	40.26 -0.37 0.00	45.29 -0.27 0.00	51.72 -0.26 0.00	54.33 -0.72 0.00	54.44 -0.38 0.00	53.11 0.27 0.00	51.75 0.21 0.00	48.27 0.19 0.00	45.20 0.27 0.00	45.47 0.32 0.00
STATE_CA_115KV_115_LB 55624	55.87 2.30 0.00	51.29 2.09 -0.65	46.41 1.96 0.00	42.88 1.54 -4.71	42.17 1.78 0.00	43.66 1.80 0.00	43.42 1.74 -2.92	41.42 1.63 0.00	42.26 1.82 0.00	41.88 1.73 0.00	41.13 1.62 0.00	39.73 1.56 0.00	39.51 1.56 0.00	40.03 1.54 0.00	42.21 1.58 0.00	46.88 1.32 0.00	53.28 1.30 0.00	56.64 1.60 0.00	56.08 1.26 0.00	54.01 1.16 0.00	52.72 1.19 0.00	49.13 1.06 0.00	45.92 0.99 0.00	46.46 1.31 0.00

STATE_ST_34_KV_LOAD 55959	52.60 -0.96 0.00	47.71 -0.92 -0.08	43.74 -0.71 0.00	36.57 -0.66 -0.60	39.79 -0.61 0.00	41.36 -0.50 0.00	38.62 -0.50 -0.37	39.39 -0.40 0.00	40.04 -0.40 0.00	39.72 -0.44 0.00	39.03 -0.47 0.00	37.71 -0.46 0.00	37.46 -0.49 0.00	37.99 -0.50 0.00	40.26 -0.37 0.00	45.38 -0.18 0.00	52.09 0.10 0.00	55.48 0.44 0.00	54.87 0.05 0.00	52.74 -0.11 0.00	51.28 -0.26 0.00	47.64 -0.43 0.00	44.39 -0.54 0.00	44.61 -0.54 0.00
STATION 5_MISC_HYD 23604	50.19 -3.37 0.00	45.54 -3.06 -0.04	41.74 -2.71 0.00	34.76 -2.09 -0.22	38.01 -2.38 0.00	39.52 -2.34 0.00	36.72 -2.17 -0.14	37.16 -2.63 0.00	37.52 -2.87 0.05	37.04 -2.89 0.23	36.70 -2.80 0.00	35.57 -2.60 0.00	35.45 -2.51 0.00	35.95 -2.54 0.00	38.15 -2.48 0.00	43.15 -2.42 0.00	49.85 -2.13 0.00	53.23 -1.82 0.00	52.68 -2.14 0.00	49.78 -3.07 0.00	48.91 -2.63 0.00	45.53 -2.55 0.00	42.68 -2.25 0.00	43.12 -2.03 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	51.26 -2.30 0.00	46.56 -2.04 -0.04	42.68 -1.78 0.00	35.39 -1.47 -0.22	38.86 -1.54 0.00	40.39 -1.47 0.00	37.54 -1.36 -0.14	38.19 -1.59 0.00	38.75 -1.70 0.00	38.47 -1.69 0.00	37.77 -1.74 0.00	36.56 -1.60 0.00	36.36 -1.59 0.00	36.91 -1.58 0.00	39.16 -1.46 0.00	44.42 -1.14 0.00	51.15 -0.83 0.00	54.60 -0.44 0.00	53.89 -0.93 0.00	51.79 -1.06 0.00	50.30 -1.24 0.00	46.73 -1.35 0.00	43.63 -1.30 0.00	43.98 -1.17 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	50.03 -3.54 0.00	45.44 -3.16 -0.04	41.61 -2.85 0.00	34.65 -2.20 -0.22	37.89 -2.50 0.00	39.39 -2.47 0.00	36.64 -2.25 -0.14	37.00 -2.78 0.00	37.49 -2.95 0.00	37.23 -2.93 0.00	36.66 -2.84 0.00	35.53 -2.63 0.00	35.38 -2.58 0.00	35.91 -2.58 0.00	38.11 -2.52 0.00	43.19 -2.37 0.00	49.80 -2.18 0.00	53.12 -1.93 0.00	52.46 -2.36 0.00	50.41 -2.43 0.00	49.01 -2.53 0.00	45.53 -2.55 0.00	42.59 -2.34 0.00	43.07 -2.08 0.00
STA_56___34_KV_BUS2 355983	50.03 -3.54 0.00	45.44 -3.16 -0.04	41.61 -2.85 0.00	34.65 -2.20 -0.22	37.89 -2.50 0.00	39.39 -2.47 0.00	36.64 -2.25 -0.14	37.00 -2.78 0.00	37.49 -2.95 0.00	37.23 -2.93 0.00	36.66 -2.84 0.00	35.53 -2.63 0.00	35.38 -2.58 0.00	35.91 -2.58 0.00	38.11 -2.52 0.00	43.19 -2.37 0.00	49.80 -2.18 0.00	53.12 -1.93 0.00	52.46 -2.36 0.00	50.41 -2.43 0.00	49.01 -2.53 0.00	45.53 -2.55 0.00	42.59 -2.34 0.00	43.07 -2.08 0.00
STA_67___115KV_BK2 355882	50.03 -3.54 0.00	45.49 -3.11 -0.04	41.65 -2.80 0.00	34.72 -2.12 -0.22	37.93 -2.46 0.00	39.43 -2.43 0.00	36.68 -2.21 -0.14	36.96 -2.82 0.00	37.40 -2.99 0.05	36.95 -2.97 0.24	36.62 -2.88 0.00	35.53 -2.63 0.00	35.38 -2.58 0.00	35.87 -2.62 0.00	38.11 -2.52 0.00	43.19 -2.37 0.00	49.80 -2.18 0.00	53.12 -1.93 0.00	52.46 -2.36 0.00	50.47 -2.38 0.00	49.06 -2.47 0.00	45.53 -2.55 0.00	42.64 -2.29 0.00	43.16 -1.99 0.00
STA_7___115KV_9TRANS 80674	50.35 -3.21 0.00	45.73 -2.86 -0.04	41.88 -2.58 0.00	34.87 -1.98 -0.22	38.14 -2.26 0.00	39.68 -2.18 0.00	36.88 -2.02 -0.14	37.24 -2.55 0.00	37.64 -2.75 0.05	37.24 -2.69 0.23	36.86 -2.65 0.00	35.76 -2.40 0.00	35.60 -2.35 0.00	36.14 -2.35 0.00	38.39 -2.23 0.00	43.56 -2.00 0.00	50.27 -1.72 0.00	53.67 -1.38 0.00	52.95 -1.86 0.00	50.89 -1.96 0.00	49.48 -2.06 0.00	45.91 -2.16 0.00	42.95 -1.98 0.00	43.44 -1.72 0.00
STA_82___115KV_TB1 80780	50.03 -3.54 0.00	45.49 -3.11 -0.04	41.65 -2.80 0.00	34.72 -2.12 -0.22	37.93 -2.46 0.00	39.43 -2.43 0.00	36.68 -2.21 -0.14	36.96 -2.82 0.00	37.45 -2.99 0.00	37.19 -2.97 0.00	36.62 -2.88 0.00	35.53 -2.63 0.00	35.38 -2.58 0.00	35.91 -2.58 0.00	38.11 -2.52 0.00	43.19 -2.37 0.00	49.85 -2.13 0.00	53.17 -1.87 0.00	52.52 -2.30 0.00	50.47 -2.38 0.00	49.06 -2.47 0.00	45.53 -2.55 0.00	42.64 -2.29 0.00	43.16 -1.99 0.00
STEEL___WIND 323596	48.75 -4.82 0.00	44.28 -4.32 -0.05	40.76 -3.69 0.00	33.35 -3.48 -0.20	37.09 -3.31 0.00	38.81 -3.05 0.00	35.09 -3.80 -0.13	35.85 -3.94 0.00	36.06 -3.96 0.42	34.50 -3.82 1.85	35.44 -4.07 0.00	34.46 -3.70 0.00	34.62 -3.34 0.00	35.02 -3.46 0.00	37.30 -3.33 0.00	42.37 -3.19 0.00	49.33 -2.65 0.00	52.84 -2.20 0.00	52.24 -2.58 0.00	48.99 -3.86 0.00	48.39 -3.15 0.00	45.05 -3.03 0.00	42.50 -2.43 0.00	43.21 -1.94 0.00
STEPHTWN_115KV_BK_2 55603	56.30 2.73 0.00	51.72 2.52 -0.64	46.77 2.31 0.00	43.12 1.83 -4.66	42.50 2.10 0.00	44.04 2.18 0.00	43.74 2.09 -2.89	41.77 1.99 0.00	42.67 2.22 0.00	42.33 2.17 0.00	41.48 1.98 0.00	40.07 1.91 0.00	39.82 1.86 0.00	40.30 1.81 0.00	42.54 1.91 0.00	47.25 1.69 0.00	53.75 1.77 0.00	57.19 2.15 0.00	56.63 1.81 0.00	54.48 1.64 0.00	53.19 1.65 0.00	49.57 1.49 0.00	46.28 1.35 0.00	46.82 1.67 0.00
STEUBEN_REC_LFGE 323667	49.28 -4.29 0.00	44.47 -4.08 0.01	41.34 -3.11 0.00	32.96 -3.19 0.48	37.45 -2.95 0.00	39.18 -2.68 0.00	35.46 -3.02 0.27	37.04 -2.75 0.00	38.66 -2.63 -0.84	41.43 -2.49 -3.76	36.70 -2.80 0.00	35.68 -2.48 0.00	35.79 -2.16 0.00	36.45 -2.04 0.00	38.96 -1.67 0.00	44.61 -0.96 0.00	51.98 0.00 0.00	55.81 0.77 0.00	55.09 0.27 0.00	52.84 0.00 0.00	51.38 -0.15 0.00	47.69 -0.38 0.00	44.52 -0.40 0.00	45.06 -0.09 0.00
STILLWATER___SOLAR 323814	57.05 3.48 0.00	52.37 3.15 -0.66	47.17 2.71 0.00	43.59 2.20 -4.76	42.90 2.51 0.00	44.41 2.55 0.00	44.22 2.52 -2.95	42.21 2.43 0.00	43.15 2.71 0.00	42.81 2.65 0.00	41.92 2.41 0.00	40.49 2.33 0.00	40.16 2.20 0.00	40.64 2.15 0.00	42.90 2.27 0.00	48.07 2.50 0.00	54.79 2.81 0.00	58.46 3.41 0.00	58.11 3.29 0.00	55.75 2.90 0.00	54.27 2.73 0.00	50.48 2.40 0.00	47.04 2.11 0.00	47.41 2.26 0.00
STONY___BROOK 24151	59.14 5.57 0.00	54.19 5.14 -0.49	48.94 4.49 0.00	44.07 3.88 -3.56	44.64 4.24 0.00	46.21 4.35 0.00	45.01 4.03 -2.22	48.94 4.14 -5.02	50.32 4.29 -5.59	50.60 4.05 -6.39	48.74 3.83 -5.40	45.07 3.70 -3.20	41.65 3.68 -0.01	44.59 3.73 -2.37	45.38 3.86 -0.90	50.32 4.10 -0.66	64.11 4.26 -7.87	74.03 5.01 -13.98	70.51 4.83 -10.86	60.53 4.23 -3.46	57.20 4.12 -1.54	55.77 3.89 -3.80	48.22 3.28 -0.01	48.00 2.85 0.00
STURGEON_POOL_HYD 23609	58.07 4.50 0.00	53.19 4.13 -0.51	48.32 3.87 0.00	43.62 3.33 -3.66	43.95 3.55 0.00	45.50 3.64 0.00	44.28 3.26 -2.27	43.13 3.34 0.00	44.04 3.60 0.00	43.37 3.21 0.00	42.39 2.88 0.00	40.91 2.75 0.00	40.73 2.77 0.00	41.30 2.81 0.00	43.63 3.01 0.00	48.80 3.23 0.00	55.36 3.38 0.00	59.01 3.96 0.00	58.16 3.34 0.00	55.86 3.01 0.00	54.68 3.14 0.00	51.06 2.98 0.00	47.80 2.88 0.00	47.72 2.57 0.00
ST_LAW_115_BK7_LBMP 345037	53.19 -0.37 0.00	48.16 -0.39 0.00	44.01 -0.44 0.00	36.26 -0.37 0.00	39.91 -0.48 0.00	41.31 -0.55 0.00	38.25 -0.50 0.00	39.31 -0.48 0.00	39.84 -0.61 0.00	39.68 -0.48 0.00	39.19 -0.32 0.00	37.86 -0.31 0.00	37.65 -0.30 0.00	38.22 -0.27 0.00	40.26 -0.37 0.00	45.29 -0.27 0.00	51.72 -0.26 0.00	54.33 -0.72 0.00	54.44 -0.38 0.00	53.11 0.27 0.00	51.75 0.21 0.00	48.27 0.19 0.00	45.20 0.27 0.00	45.51 0.36 0.00

ST_LAW_115_BK8_LBMP 345038	53.19 -0.37 0.00	48.16 -0.39 0.00	44.01 -0.44 0.00	36.26 -0.37 0.00	39.91 -0.48 0.00	41.31 -0.55 0.00	38.25 -0.50 0.00	39.31 -0.48 0.00	39.84 -0.61 0.00	39.68 -0.48 0.00	39.19 -0.32 0.00	37.86 -0.31 0.00	37.65 -0.30 0.00	38.22 -0.27 0.00	40.26 -0.37 0.00	45.29 -0.27 0.00	51.72 -0.26 0.00	54.33 -0.72 0.00	54.44 -0.38 0.00	53.11 0.27 0.00	51.75 0.21 0.00	48.27 0.19 0.00	45.20 0.27 0.00	45.51 0.36 0.00
ST_LAW_230_BK5_LBMP 345035	53.19 -0.37 0.00	48.16 -0.39 0.00	44.01 -0.44 0.00	36.26 -0.37 0.00	39.91 -0.48 0.00	41.31 -0.55 0.00	38.29 -0.46 0.00	39.31 -0.48 0.00	39.84 -0.61 0.00	39.68 -0.48 0.00	39.19 -0.32 0.00	37.86 -0.31 0.00	37.65 -0.30 0.00	38.22 -0.27 0.00	40.26 -0.37 0.00	45.29 -0.27 0.00	51.72 -0.26 0.00	54.33 -0.72 0.00	54.44 -0.38 0.00	53.11 0.27 0.00	51.75 0.21 0.00	48.27 0.19 0.00	45.20 0.27 0.00	45.47 0.32 0.00
ST_LAW_230_BK6_LBMP 345036	53.19 -0.37 0.00	48.16 -0.39 0.00	44.01 -0.44 0.00	36.26 -0.37 0.00	39.91 -0.48 0.00	41.31 -0.55 0.00	38.29 -0.46 0.00	39.31 -0.48 0.00	39.84 -0.61 0.00	39.68 -0.48 0.00	39.19 -0.32 0.00	37.86 -0.31 0.00	37.65 -0.30 0.00	38.22 -0.27 0.00	40.26 -0.37 0.00	45.29 -0.27 0.00	51.72 -0.26 0.00	54.33 -0.72 0.00	54.44 -0.38 0.00	53.11 0.27 0.00	51.75 0.21 0.00	48.27 0.19 0.00	45.20 0.27 0.00	45.47 0.32 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	56.51 2.95 0.00	51.68 2.67 -0.46	46.99 2.53 0.00	42.11 2.16 -3.33	42.70 2.30 0.00	44.20 2.34 0.00	42.95 2.13 -2.06	42.05 2.27 0.00	42.83 2.39 0.00	42.29 2.13 0.00	41.48 1.98 0.00	40.07 1.91 0.00	39.89 1.94 0.00	40.45 1.96 0.00	42.58 1.95 0.00	47.61 2.05 0.00	53.85 1.87 0.00	57.35 2.31 0.00	56.63 1.81 0.00	54.48 1.64 0.00	53.24 1.70 0.00	49.81 1.73 0.00	46.64 1.71 0.00	46.64 1.49 0.00
SWANROAD_115KV_TB1 355699	47.08 -6.48 0.00	42.72 -5.87 -0.04	39.47 -4.98 0.00	32.73 -4.10 -0.21	35.91 -4.48 0.00	37.51 -4.35 0.00	34.35 -4.53 -0.14	34.33 -5.45 0.00	34.54 -5.58 0.32	33.76 -5.02 1.38	34.09 -5.41 0.00	33.20 -4.96 0.00	33.29 -4.67 0.00	33.64 -4.85 0.00	35.83 -4.79 0.00	40.82 -4.74 0.00	47.30 -4.68 0.00	50.53 -4.51 0.00	49.78 -5.04 0.00	47.93 -4.91 0.00	46.54 -5.00 0.00	43.17 -4.90 0.00	40.71 -4.22 0.00	41.63 -3.52 0.00
SYNERGY___BIOGAS 323694	49.60 -3.96 0.00	45.00 -3.59 -0.04	41.34 -3.11 0.00	34.20 -2.64 -0.21	37.65 -2.75 0.00	39.26 -2.60 0.00	36.10 -2.79 -0.14	36.60 -3.18 0.00	36.83 -3.40 0.22	35.98 -3.21 0.96	36.03 -3.48 0.00	35.00 -3.17 0.00	34.92 -3.04 0.00	35.45 -3.04 0.00	37.74 -2.88 0.00	42.87 -2.69 0.00	49.90 -2.08 0.00	53.44 -1.60 0.00	52.79 -2.03 0.00	49.52 -3.33 0.00	48.86 -2.68 0.00	45.43 -2.64 0.00	42.68 -2.25 0.00	43.26 -1.89 0.00
SYRACUSE___ENERGY_ST1 323597	52.49 -1.07 0.00	47.59 -1.02 -0.05	43.61 -0.84 0.00	36.31 -0.70 -0.38	39.67 -0.73 0.00	41.19 -0.67 0.00	38.37 -0.62 -0.24	39.19 -0.60 0.00	39.84 -0.61 0.00	39.55 -0.60 0.00	38.87 -0.63 0.00	37.55 -0.61 0.00	37.31 -0.65 0.00	37.83 -0.65 0.00	40.06 -0.57 0.00	45.06 -0.50 0.00	51.62 -0.36 0.00	54.88 -0.17 0.00	54.33 -0.49 0.00	52.26 -0.58 0.00	50.87 -0.67 0.00	47.31 -0.77 0.00	44.12 -0.81 0.00	44.34 -0.81 0.00
SYRACUSE___ENERGY_ST2 323598	52.49 -1.07 0.00	47.59 -1.02 -0.05	43.61 -0.84 0.00	36.31 -0.70 -0.38	39.67 -0.73 0.00	41.19 -0.67 0.00	38.37 -0.62 -0.24	39.19 -0.60 0.00	39.84 -0.61 0.00	39.55 -0.60 0.00	38.87 -0.63 0.00	37.55 -0.61 0.00	37.31 -0.65 0.00	37.83 -0.65 0.00	40.06 -0.57 0.00	45.06 -0.50 0.00	51.62 -0.36 0.00	54.88 -0.17 0.00	54.33 -0.49 0.00	52.26 -0.58 0.00	50.87 -0.67 0.00	47.31 -0.77 0.00	44.12 -0.81 0.00	44.34 -0.81 0.00
SYRACUSE___POWER 24017	52.44 -1.12 0.00	47.55 -1.07 -0.06	43.56 -0.89 0.00	36.38 -0.73 -0.49	39.67 -0.73 0.00	41.19 -0.67 0.00	38.39 -0.66 -0.30	39.15 -0.64 0.00	39.84 -0.61 0.00	39.51 -0.64 0.00	38.83 -0.67 0.00	37.52 -0.65 0.00	37.31 -0.65 0.00	37.83 -0.65 0.00	40.02 -0.61 0.00	45.02 -0.55 0.00	51.57 -0.42 0.00	54.82 -0.22 0.00	54.27 -0.55 0.00	52.16 -0.69 0.00	50.82 -0.72 0.00	47.26 -0.82 0.00	44.08 -0.85 0.00	44.29 -0.86 0.00
TALLMAN___138KV_BK151 55660	56.78 3.21 0.00	51.94 2.91 -0.47	47.17 2.71 0.00	42.35 2.31 -3.41	42.90 2.50 0.00	44.37 2.51 0.00	43.16 2.29 -2.12	42.25 2.47 0.00	43.03 2.59 0.00	42.49 2.33 0.00	41.68 2.17 0.00	40.26 2.10 0.00	40.04 2.09 0.00	40.61 2.12 0.00	42.74 2.11 0.00	47.75 2.19 0.00	53.96 1.98 0.00	57.41 2.37 0.00	56.68 1.86 0.00	54.53 1.69 0.00	53.34 1.80 0.00	49.95 1.87 0.00	46.77 1.84 0.00	46.73 1.58 0.00
TEALLAVE_115KV_TB7 355573	52.17 -1.39 0.00	47.29 -1.31 -0.05	43.34 -1.11 0.00	36.08 -0.88 -0.33	39.47 -0.93 0.00	40.98 -0.88 0.00	38.14 -0.81 -0.21	38.95 -0.84 0.00	39.59 -0.85 0.00	39.31 -0.84 0.00	38.64 -0.87 0.00	37.33 -0.84 0.00	37.08 -0.87 0.00	37.60 -0.89 0.00	39.81 -0.81 0.00	44.74 -0.82 0.00	51.20 -0.78 0.00	54.44 -0.61 0.00	53.89 -0.93 0.00	51.84 -1.00 0.00	50.51 -1.03 0.00	46.97 -1.11 0.00	43.81 -1.12 0.00	44.02 -1.13 0.00
TELGRAPH_34_KV_EAST 80808	48.58 -4.98 0.00	43.98 -4.61 -0.04	40.59 -3.87 0.00	33.61 -3.22 -0.21	37.00 -3.39 0.00	38.59 -3.27 0.00	35.40 -3.49 -0.14	35.61 -4.18 0.00	35.89 -4.29 0.26	35.08 -3.94 1.15	35.28 -4.23 0.00	34.31 -3.85 0.00	34.35 -3.61 0.00	34.79 -3.69 0.00	37.05 -3.58 0.00	42.24 -3.33 0.00	49.02 -2.96 0.00	52.40 -2.64 0.00	51.58 -3.23 0.00	49.62 -3.22 0.00	48.19 -3.35 0.00	44.66 -3.41 0.00	41.96 -2.97 0.00	42.80 -2.35 0.00
TEMPLE___115KV_TB 2 55572	52.17 -1.39 0.00	47.29 -1.31 -0.05	43.34 -1.11 0.00	36.09 -0.88 -0.34	39.47 -0.93 0.00	40.98 -0.88 0.00	38.15 -0.81 -0.21	38.95 -0.84 0.00	39.59 -0.85 0.00	39.31 -0.84 0.00	38.64 -0.87 0.00	37.33 -0.84 0.00	37.12 -0.84 0.00	37.64 -0.85 0.00	39.81 -0.81 0.00	44.74 -0.82 0.00	51.25 -0.73 0.00	54.44 -0.61 0.00	53.94 -0.88 0.00	51.89 -0.95 0.00	50.51 -1.03 0.00	46.97 -1.11 0.00	43.81 -1.12 0.00	44.07 -1.08 0.00
TIANA____69_KV_BK 1 55817	59.14 5.57 0.00	54.00 4.95 -0.49	49.03 4.58 0.00	44.26 4.07 -3.56	44.76 4.36 0.00	46.21 4.35 0.00	45.20 4.22 -2.22	49.26 4.46 -5.02	50.56 4.53 -5.59	50.80 4.26 -6.39	48.86 3.95 -5.40	45.18 3.82 -3.20	41.73 3.76 -0.01	44.67 3.81 -2.37	45.50 3.98 -0.89	50.46 4.24 -0.66	64.32 4.47 -7.87	74.20 5.17 -13.98	70.29 4.60 -10.86	60.53 4.23 -3.46	57.36 4.28 -1.54	55.96 4.09 -3.80	48.85 3.91 -0.01	48.36 3.21 0.00
TILDEN___115KV_TB1 80814	52.44 -1.12 0.00	47.55 -1.07 -0.06	43.56 -0.89 0.00	36.38 -0.73 -0.49	39.67 -0.73 0.00	41.19 -0.67 0.00	38.39 -0.66 -0.30	39.15 -0.64 0.00	39.84 -0.61 0.00	39.51 -0.64 0.00	38.83 -0.67 0.00	37.52 -0.65 0.00	37.31 -0.65 0.00	37.83 -0.65 0.00	40.02 -0.61 0.00	45.02 -0.55 0.00	51.57 -0.42 0.00	54.82 -0.22 0.00	54.27 -0.55 0.00	52.16 -0.69 0.00	50.82 -0.72 0.00	47.26 -0.82 0.00	44.08 -0.85 0.00	44.29 -0.86 0.00

TRIGEN___CC 323695	57.96 4.39 0.00	52.93 3.88 -0.49	48.10 3.65 0.00	43.45 3.26 -3.56	43.87 3.47 0.00	45.33 3.47 0.00	44.19 3.22 -2.22	48.18 3.38 -5.02	49.55 3.52 -5.59	49.84 3.29 -6.39	47.95 3.04 -5.40	44.34 2.98 -3.20	40.97 3.00 -0.01	43.86 3.00 -2.37	44.57 3.05 -0.89	49.41 3.19 -0.66	62.91 3.07 -7.86	72.55 3.52 -13.98	68.69 3.02 -10.86	59.10 2.80 -3.46	55.96 2.89 -1.54	54.76 2.88 -3.80	47.86 2.92 -0.01	47.41 2.26 0.00
TRINITY___115KV___4 BK 55933	55.76 2.20 0.00	51.19 1.99 -0.65	46.32 1.87 0.00	42.77 1.47 -4.67	42.09 1.70 0.00	43.58 1.72 0.00	43.28 1.63 -2.90	41.34 1.55 0.00	42.14 1.70 0.00	41.80 1.65 0.00	41.05 1.54 0.00	39.65 1.49 0.00	39.40 1.44 0.00	39.91 1.42 0.00	42.13 1.50 0.00	46.75 1.18 0.00	53.13 1.14 0.00	56.47 1.43 0.00	55.91 1.10 0.00	53.85 1.00 0.00	52.57 1.03 0.00	49.04 0.96 0.00	45.83 0.90 0.00	46.37 1.22 0.00
UNION___PROCESSING_DRP 323587	50.03 -3.54 0.00	45.49 -3.11 -0.04	41.65 -2.80 0.00	34.72 -2.12 -0.22	37.93 -2.46 0.00	39.47 -2.39 0.00	36.68 -2.21 -0.14	36.96 -2.82 0.00	37.45 -2.99 0.00	37.23 -2.93 0.00	36.62 -2.88 0.00	35.53 -2.63 0.00	35.41 -2.54 0.00	35.91 -2.58 0.00	38.11 -2.52 0.00	43.19 -2.37 0.00	49.85 -2.13 0.00	53.17 -1.87 0.00	52.52 -2.30 0.00	50.47 -2.38 0.00	49.06 -2.47 0.00	45.58 -2.50 0.00	42.64 -2.29 0.00	43.16 -1.99 0.00
UPPER HUDSON___HYD 24058	56.78 3.21 0.00	52.08 2.86 -0.66	46.76 2.31 0.00	43.29 1.87 -4.79	42.54 2.14 0.00	44.03 2.18 0.00	43.97 2.25 -2.97	41.89 2.11 0.00	42.95 2.51 0.00	42.65 2.49 0.00	41.72 2.21 0.00	40.26 2.10 0.00	39.89 1.93 0.00	40.34 1.85 0.00	42.58 1.95 0.00	47.70 2.14 0.00	54.48 2.50 0.00	58.23 3.19 0.00	57.83 3.01 0.00	55.48 2.64 0.00	53.96 2.42 0.00	50.09 2.02 0.00	46.59 1.66 0.00	47.05 1.90 0.00
UPPER RAQUET___HYD 24056	53.19 -0.37 0.00	48.16 -0.39 0.00	43.92 -0.53 0.00	36.15 -0.48 0.00	39.71 -0.69 0.00	40.85 -1.01 0.00	37.74 -1.01 0.00	38.87 -0.91 0.00	45.76 -1.05 -6.36	45.90 -0.72 -6.47	46.74 -0.27 -7.51	40.84 -0.34 -3.01	37.61 -0.34 0.00	38.22 -0.27 0.00	40.02 -0.61 0.00	44.92 -0.64 0.00	51.36 -0.62 0.00	54.05 -0.99 0.00	54.22 -0.60 0.00	53.00 0.16 0.00	51.54 0.00 0.00	48.12 0.05 0.00	45.15 0.23 0.00	45.69 0.54 0.00
VALLEY44_115KV_TB2 355964	49.66 -3.91 0.00	44.14 -4.47 -0.05	41.70 -2.76 0.00	33.20 -3.63 -0.20	37.93 -2.46 0.00	39.68 -2.18 0.00	34.94 -3.95 -0.14	36.88 -2.90 0.00	37.92 -2.35 0.18	37.14 -2.21 0.81	36.46 -3.04 0.00	35.46 -2.71 0.00	35.57 -2.39 0.00	36.03 -2.46 0.00	38.43 -2.19 0.00	43.78 -1.78 0.00	50.79 -1.20 0.00	54.38 -0.66 0.00	53.45 -1.37 0.00	51.36 -1.48 0.00	49.99 -1.55 0.00	46.39 -1.68 0.00	43.54 -1.39 0.00	44.25 -0.90 0.00
VALLEY___115KV_TB 1-4 80826	54.74 1.18 0.00	49.57 1.02 0.00	45.39 0.93 0.00	37.29 0.66 0.00	41.12 0.73 0.00	42.57 0.71 0.00	39.30 0.54 0.00	40.30 0.52 0.00	40.97 0.53 0.00	40.60 0.44 0.00	39.94 0.43 0.00	38.55 0.38 0.00	38.30 0.34 0.00	38.84 0.35 0.00	40.99 0.37 0.00	45.97 0.41 0.00	52.50 0.52 0.00	55.81 0.77 0.00	55.53 0.71 0.00	53.69 0.85 0.00	52.47 0.93 0.00	49.13 1.06 0.00	45.92 0.99 0.00	46.19 1.04 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	56.78 3.21 0.00	51.65 2.86 -0.23	47.08 2.62 0.00	40.36 2.05 -1.68	42.82 2.42 0.00	44.41 2.55 0.00	42.04 2.25 -1.04	42.37 2.59 0.00	43.15 2.71 0.00	42.81 2.65 0.00	42.07 2.57 0.00	40.49 2.33 0.00	40.23 2.28 0.00	40.80 2.31 0.00	43.02 2.40 0.00	48.25 2.69 0.00	55.15 3.17 0.00	58.79 3.74 0.00	58.05 3.23 0.00	55.91 3.06 0.00	54.37 2.83 0.00	50.67 2.60 0.00	47.27 2.34 0.00	47.36 2.21 0.00
VISCHER___FERRY HYD 24020	56.51 2.94 0.00	51.87 2.67 -0.65	46.85 2.40 0.00	43.28 1.94 -4.71	42.62 2.22 0.00	44.12 2.26 0.00	43.80 2.13 -2.92	41.85 2.07 0.00	42.71 2.26 0.00	42.36 2.21 0.00	41.56 2.05 0.00	40.15 1.98 0.00	39.89 1.93 0.00	40.41 1.92 0.00	42.66 2.03 0.00	47.61 2.05 0.00	54.22 2.23 0.00	57.74 2.70 0.00	57.40 2.58 0.00	55.06 2.22 0.00	53.70 2.16 0.00	50.05 1.97 0.00	46.73 1.80 0.00	47.00 1.85 0.00
V_A_10_SYNC_DSASP 323832	48.32 -5.25 0.00	43.93 -4.66 -0.04	40.41 -4.04 0.00	33.77 -3.08 -0.22	36.76 -3.64 0.00	38.30 -3.56 0.00	35.52 -3.37 -0.14	35.57 -4.22 0.00	35.71 -4.53 0.20	34.78 -4.46 0.92	35.16 -4.35 0.00	34.16 -4.01 0.00	34.16 -3.80 0.00	34.56 -3.93 0.00	36.69 -3.94 0.00	41.51 -4.06 0.00	48.08 -3.90 0.00	51.30 -3.74 0.00	50.76 -4.06 0.00	47.72 -5.12 0.00	47.05 -4.48 0.00	43.84 -4.23 0.00	41.33 -3.60 0.00	41.99 -3.16 0.00
V_CMM_10_SYNC_DSASP 323787	53.41 -0.16 0.00	48.36 -0.19 0.00	44.19 -0.27 0.00	36.41 -0.22 0.00	40.12 -0.28 0.00	41.48 -0.38 0.00	38.44 -0.31 0.00	39.51 -0.28 0.00	40.00 -0.44 0.00	39.88 -0.28 0.00	39.39 -0.12 0.00	38.05 -0.11 0.00	37.84 -0.11 0.00	38.41 -0.08 0.00	40.46 -0.16 0.00	45.52 -0.05 0.00	52.03 0.05 0.00	54.66 -0.38 0.00	54.76 -0.05 0.00	53.43 0.58 0.00	52.00 0.46 0.00	48.56 0.48 0.00	45.42 0.50 0.00	45.74 0.59 0.00
V_CMP_10_SYNC_DSASP 323788	53.30 -0.27 0.00	48.12 -0.44 0.00	43.74 -0.71 0.00	35.93 -0.70 0.00	39.43 -0.97 0.00	40.69 -1.17 0.00	37.67 -1.08 0.00	38.79 -0.99 0.00	0.90 -1.17 38.37	0.14 -1.00 39.01	-6.61 -0.83 45.28	19.15 -0.84 18.18	37.20 -0.76 0.00	37.76 -0.73 0.00	39.73 -0.89 0.00	44.97 -0.59 0.00	51.62 -0.36 0.00	54.93 -0.11 0.00	55.37 0.55 0.00	54.32 1.48 0.00	53.08 1.54 0.00	49.42 1.34 0.00	46.32 1.39 0.00	46.64 1.49 0.00
V_D_10_SYNC_DSASP 323841	53.57 0.00 0.00	48.50 -0.05 0.00	44.32 -0.13 0.00	36.48 -0.15 0.00	40.20 -0.20 0.00	41.57 -0.29 0.00	38.48 -0.27 0.00	39.55 -0.24 0.00	41.50 -0.36 -1.42	41.40 -0.20 -1.45	41.18 0.00 -1.68	38.84 0.00 -0.67	37.92 -0.04 0.00	38.53 0.04 0.00	40.55 -0.08 0.00	45.61 0.05 0.00	52.14 0.16 0.00	54.77 -0.27 0.00	54.93 0.11 0.00	53.58 0.74 0.00	52.16 0.62 0.00	48.70 0.62 0.00	45.56 0.63 0.00	45.92 0.77 0.00
V_E_10_SYNC_DSASP 323830	56.89 3.32 0.00	51.83 3.06 -0.22	47.12 2.67 0.00	40.26 1.87 -1.76	42.74 2.34 0.00	44.58 2.72 0.00	42.12 2.29 -1.08	42.81 3.02 0.00	43.55 3.03 -0.07	43.43 2.97 -0.31	42.31 2.81 0.00	40.72 2.56 0.00	40.39 2.43 0.00	40.95 2.47 0.00	43.39 2.76 0.00	48.98 3.42 0.00	56.76 4.78 0.00	60.99 5.95 0.00	60.30 5.48 0.00	57.55 4.70 0.00	55.87 4.33 0.00	51.87 3.80 0.00	48.25 3.32 0.00	48.45 3.29 0.00
V_F_30_NSYNC___DSASP 323816	57.16 3.59 0.00	52.42 3.20 -0.66	47.21 2.76 0.00	43.63 2.23 -4.77	42.94 2.55 0.00	44.46 2.60 0.00	44.27 2.56 -2.96	42.25 2.47 0.00	43.23 2.79 0.00	42.85 2.69 0.00	42.00 2.49 0.00	40.53 2.37 0.00	40.23 2.28 0.00	40.68 2.19 0.00	42.98 2.36 0.00	48.11 2.55 0.00	54.89 2.91 0.00	58.57 3.53 0.00	58.16 3.34 0.00	55.80 2.96 0.00	54.37 2.83 0.00	50.53 2.45 0.00	47.09 2.16 0.00	47.45 2.30 0.00



V_F_30_SYNC_DSASP 323786	55.87 2.30 0.00	51.29 2.09 -0.65	46.41 1.96 0.00	42.87 1.54 -4.71	42.17 1.78 0.00	43.66 1.80 0.00	43.42 1.74 -2.92	41.42 1.63 0.00	42.26 1.82 0.00	41.88 1.73 0.00	41.13 1.62 0.00	39.73 1.56 0.00	39.51 1.56 0.00	40.03 1.54 0.00	42.21 1.58 0.00	46.88 1.32 0.00	53.28 1.30 0.00	56.64 1.60 0.00	56.08 1.26 0.00	54.01 1.16 0.00	52.67 1.13 0.00	49.13 1.06 0.00	45.92 0.99 0.00	46.46 1.31 0.00
V_XM_10_SYNC_DSASP 323789	53.30 -0.27 0.00	48.12 -0.44 0.00	43.74 -0.71 0.00	35.93 -0.70 0.00	39.43 -0.97 0.00	40.69 -1.17 0.00	37.67 -1.08 0.00	38.79 -0.99 0.00	0.90 -1.17 38.37	0.14 -1.00 39.01	-6.61 -0.83 45.28	19.15 -0.84 18.18	37.20 -0.76 0.00	37.76 -0.73 0.00	39.73 -0.89 0.00	44.97 -0.59 0.00	51.62 -0.36 0.00	54.93 -0.11 0.00	55.37 0.55 0.00	54.32 1.48 0.00	53.08 1.54 0.00	49.42 1.34 0.00	46.32 1.39 0.00	46.64 1.49 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	56.94 3.37 0.00	52.09 3.06 -0.48	47.30 2.85 0.00	42.48 2.42 -3.44	43.02 2.63 0.00	44.50 2.64 0.00	43.29 2.40 -2.13	42.37 2.59 0.00	43.11 2.67 0.00	42.61 2.45 0.00	41.76 2.25 0.00	40.34 2.18 0.00	40.16 2.20 0.00	40.72 2.23 0.00	42.86 2.23 0.00	47.89 2.32 0.00	54.11 2.13 0.00	57.63 2.59 0.00	56.90 2.08 0.00	54.69 1.85 0.00	53.50 1.96 0.00	50.09 2.02 0.00	46.91 1.98 0.00	46.87 1.72 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	57.74 4.18 0.00	52.83 3.79 -0.49	48.01 3.56 0.00	43.19 3.00 -3.56	43.63 3.23 0.00	45.08 3.22 0.00	43.91 2.95 -2.21	42.97 3.18 0.00	43.72 3.28 0.00	43.21 3.05 0.00	42.35 2.84 0.00	40.91 2.75 0.00	40.69 2.73 0.00	41.30 2.81 0.00	43.43 2.80 0.00	48.48 2.92 0.00	54.53 2.55 0.00	58.07 3.03 0.00	57.29 2.47 0.00	55.06 2.22 0.00	53.96 2.42 0.00	50.62 2.55 0.00	47.44 2.52 0.00	47.41 2.26 0.00
W50THST__13_KV_LOAD 356117	57.96 4.39 0.00	53.03 3.98 -0.49	48.19 3.73 0.00	43.34 3.15 -3.56	43.79 3.39 0.00	45.25 3.39 0.00	44.06 3.10 -2.21	43.13 3.34 0.00	43.92 3.48 0.00	43.37 3.21 0.00	42.51 3.00 0.00	41.07 2.90 0.00	40.84 2.88 0.00	41.45 2.96 0.00	43.59 2.97 0.00	48.66 3.10 0.00	54.74 2.76 0.00	58.29 3.25 0.00	57.50 2.69 0.00	55.27 2.43 0.00	54.17 2.63 0.00	50.82 2.74 0.00	47.62 2.70 0.00	47.59 2.44 0.00
WADING RIVER_IC_1 23522	59.30 5.73 0.00	54.29 5.25 -0.49	49.03 4.58 0.00	44.11 3.92 -3.56	44.72 4.32 0.00	46.34 4.48 0.00	45.08 4.11 -2.22	49.06 4.26 -5.02	50.40 4.37 -5.59	50.64 4.10 -6.39	48.78 3.87 -5.40	45.11 3.74 -3.20	41.65 3.68 -0.01	44.59 3.73 -2.37	45.42 3.90 -0.89	50.37 4.15 -0.66	64.21 4.37 -7.87	74.20 5.17 -13.98	70.62 4.94 -10.86	60.69 4.38 -3.46	57.35 4.28 -1.54	55.86 3.99 -3.80	48.31 3.37 -0.01	48.13 2.98 0.00
WADING RIVER_IC_2 23547	59.30 5.73 0.00	54.29 5.25 -0.49	49.03 4.58 0.00	44.11 3.92 -3.56	44.72 4.32 0.00	46.34 4.48 0.00	45.08 4.11 -2.22	49.06 4.26 -5.02	50.40 4.37 -5.59	50.64 4.10 -6.39	48.78 3.87 -5.40	45.11 3.74 -3.20	41.65 3.68 -0.01	44.59 3.73 -2.37	45.42 3.90 -0.89	50.37 4.15 -0.66	64.21 4.37 -7.87	74.20 5.17 -13.98	70.62 4.94 -10.86	60.69 4.38 -3.46	57.35 4.28 -1.54	55.86 3.99 -3.80	48.31 3.37 -0.01	48.13 2.98 0.00
WADING RIVER_IC_3 23601	59.30 5.73 0.00	54.29 5.25 -0.49	49.03 4.58 0.00	44.11 3.92 -3.56	44.72 4.32 0.00	46.34 4.48 0.00	45.08 4.11 -2.22	49.06 4.26 -5.02	50.40 4.37 -5.59	50.64 4.10 -6.39	48.78 3.87 -5.40	45.11 3.74 -3.20	41.65 3.68 -0.01	44.59 3.73 -2.37	45.42 3.90 -0.89	50.37 4.15 -0.66	64.21 4.37 -7.87	74.20 5.17 -13.98	70.62 4.94 -10.86	60.69 4.38 -3.46	57.35 4.28 -1.54	55.86 3.99 -3.80	48.31 3.37 -0.01	48.13 2.98 0.00
WALDENNY_12_KV_BK2 80841	48.64 -4.93 0.00	43.84 -4.76 -0.05	40.72 -3.73 0.00	33.39 -3.44 -0.20	37.08 -3.31 0.00	38.80 -3.06 0.00	35.13 -3.76 -0.13	35.61 -4.18 0.00	35.95 -4.08 0.41	34.55 -3.81 1.79	35.40 -4.11 0.00	34.46 -3.70 0.00	34.58 -3.38 0.00	35.02 -3.46 0.00	37.34 -3.29 0.00	42.55 -3.01 0.00	49.43 -2.55 0.00	52.90 -2.15 0.00	52.08 -2.74 0.00	50.15 -2.70 0.00	48.70 -2.83 0.00	45.14 -2.93 0.00	42.50 -2.43 0.00	43.34 -1.81 0.00
WALDEN__HYDRO 24148	56.99 3.43 0.00	52.18 3.16 -0.48	47.39 2.93 0.00	42.60 2.53 -3.44	43.10 2.71 0.00	44.62 2.76 0.00	43.37 2.48 -2.13	42.37 2.59 0.00	43.19 2.75 0.00	42.65 2.49 0.00	41.80 2.29 0.00	40.34 2.18 0.00	40.16 2.20 0.00	40.72 2.23 0.00	42.90 2.28 0.00	47.98 2.41 0.00	54.37 2.39 0.00	57.90 2.86 0.00	57.12 2.30 0.00	54.90 2.06 0.00	53.75 2.22 0.00	50.24 2.16 0.00	47.00 2.07 0.00	47.00 1.85 0.00
WARRENSBURG____ 23737	56.78 3.21 0.00	52.08 2.86 -0.66	46.76 2.31 0.00	43.29 1.87 -4.79	42.54 2.14 0.00	44.03 2.18 0.00	43.97 2.25 -2.97	41.89 2.11 0.00	42.95 2.51 0.00	42.65 2.49 0.00	41.72 2.21 0.00	40.26 2.10 0.00	39.89 1.93 0.00	40.34 1.85 0.00	42.58 1.95 0.00	47.70 2.14 0.00	54.48 2.50 0.00	58.23 3.19 0.00	57.83 3.01 0.00	55.48 2.64 0.00	53.96 2.42 0.00	50.09 2.02 0.00	46.59 1.66 0.00	47.05 1.90 0.00
WATERSIDE____6 8 9 23538	57.91 4.34 0.00	52.93 3.88 -0.49	48.15 3.69 -0.01	43.35 3.15 -3.57	43.80 3.39 -0.01	45.21 3.35 0.00	43.99 3.02 -2.21	42.97 3.18 0.00	43.68 3.24 0.00	43.13 2.97 0.00	42.31 2.80 0.00	40.88 2.71 0.00	40.58 2.62 0.00	41.22 2.73 0.00	43.23 2.60 0.00	48.20 2.64 0.00	54.16 2.18 0.01	57.63 2.59 0.00	56.84 2.03 0.01	54.69 1.85 0.01	53.55 2.01 0.00	50.38 2.31 0.00	47.40 2.47 0.00	47.45 2.30 0.00
WATKINRD_115KV_LN8_ILLION 55919	54.53 0.96 0.00	49.43 0.87 0.00	45.25 0.80 0.00	37.25 0.62 0.00	41.08 0.69 0.00	42.53 0.67 0.00	39.33 0.58 0.00	40.38 0.60 0.00	41.05 0.61 0.00	40.72 0.56 0.00	40.06 0.55 0.00	38.66 0.50 0.00	38.45 0.49 0.00	38.99 0.50 0.00	41.15 0.53 0.00	46.11 0.55 0.00	52.66 0.68 0.00	55.92 0.88 0.00	55.59 0.77 0.00	53.64 0.79 0.00	52.36 0.82 0.00	48.89 0.82 0.00	45.69 0.76 0.00	45.96 0.81 0.00
WATSON__69_KV_BK 1 55734	59.14 5.57 0.00	53.95 4.90 -0.49	49.03 4.58 0.00	44.26 4.07 -3.56	44.76 4.36 0.00	46.25 4.40 0.00	45.16 4.19 -2.22	49.18 4.38 -5.02	50.52 4.49 -5.59	50.76 4.22 -6.39	48.90 3.99 -5.40	45.18 3.82 -3.20	41.80 3.83 -0.01	44.70 3.85 -2.37	45.54 4.02 -0.90	50.55 4.33 -0.66	64.42 4.57 -7.87	74.20 5.17 -13.98	70.29 4.60 -10.86	60.64 4.33 -3.46	57.41 4.33 -1.54	56.01 4.13 -3.80	48.94 4.00 -0.01	48.31 3.16 0.00
WDELAWARE__HYD 323627	57.59 4.02 0.00	52.69 3.69 -0.45	47.88 3.42 0.00	42.81 2.93 -3.25	43.55 3.15 0.00	45.13 3.27 0.00	43.71 2.94 -2.02	42.73 2.94 0.00	43.60 3.16 0.00	42.97 2.81 0.00	42.07 2.57 0.00	40.57 2.41 0.00	40.35 2.39 0.00	40.91 2.43 0.00	43.27 2.64 0.00	48.48 2.92 0.00	55.15 3.17 0.00	58.84 3.80 0.00	58.44 3.62 0.00	55.91 3.06 0.00	54.53 2.99 0.00	50.81 2.74 0.00	47.58 2.65 0.00	47.54 2.39 0.00

WEST BABYLON___IC 23714	58.87 5.30 0.00	53.76 4.71 -0.49	48.85 4.40 0.00	44.11 3.92 -3.56	44.60 4.20 0.00	46.04 4.19 0.00	44.97 3.99 -2.22	48.98 4.18 -5.02	50.32 4.29 -5.59	50.56 4.02 -6.39	48.70 3.79 -5.40	45.03 3.66 -3.20	41.65 3.68 -0.01	44.59 3.73 -2.37	45.38 3.86 -0.90	50.32 4.10 -0.66	64.16 4.31 -7.87	73.92 4.90 -13.98	70.01 4.33 -10.86	60.37 4.07 -3.46	57.15 4.07 -1.54	55.81 3.94 -3.80	48.76 3.82 -0.01	48.13 2.98 0.00
WEST CANADA___HYD 24049	53.89 0.32 0.00	48.85 0.29 0.00	44.72 0.27 0.00	36.85 0.22 0.00	40.64 0.24 0.00	42.11 0.25 0.00	38.99 0.23 0.00	40.03 0.24 0.00	40.69 0.24 0.00	40.40 0.24 0.00	39.70 0.20 0.00	38.36 0.19 0.00	38.15 0.19 0.00	38.68 0.19 0.00	40.83 0.20 0.00	45.74 0.18 0.00	52.19 0.21 0.00	55.37 0.33 0.00	55.09 0.28 0.00	53.00 0.16 0.00	51.69 0.16 0.00	48.27 0.19 0.00	45.06 0.14 0.00	45.29 0.14 0.00
WESTERN_NY_WIND 24143	49.39 -4.18 0.00	44.76 -3.84 -0.04	41.21 -3.25 0.00	34.13 -2.71 -0.21	37.57 -2.83 0.00	39.18 -2.68 0.00	36.02 -2.87 -0.14	36.32 -3.46 0.00	36.65 -3.56 0.24	35.83 -3.29 1.04	35.95 -3.56 0.00	34.92 -3.24 0.00	34.88 -3.07 0.00	35.37 -3.12 0.00	37.70 -2.93 0.00	43.01 -2.55 0.00	49.95 -2.03 0.00	53.50 -1.54 0.00	52.63 -2.19 0.00	50.57 -2.27 0.00	49.12 -2.42 0.00	45.53 -2.55 0.00	42.68 -2.25 0.00	43.39 -1.76 0.00
WESTOVER___LESR 323668	52.98 -0.59 0.00	48.04 -0.68 -0.17	44.14 -0.31 0.00	37.35 -0.48 -1.20	40.11 -0.28 0.00	41.69 -0.17 0.00	39.07 -0.43 -0.74	39.55 -0.24 0.00	40.24 -0.20 0.00	39.96 -0.20 0.00	39.11 -0.40 0.00	37.82 -0.34 0.00	37.65 -0.30 0.00	38.18 -0.31 0.00	40.42 -0.20 0.00	45.56 0.00 0.00	52.24 0.26 0.00	55.65 0.61 0.00	55.04 0.22 0.00	52.90 0.05 0.00	51.54 0.00 0.00	47.93 -0.14 0.00	44.79 -0.13 0.00	45.06 -0.09 0.00
WETHRSFD_WT_PWR 323626	48.32 -5.25 0.00	43.89 -4.71 -0.04	40.41 -4.04 0.00	33.05 -3.70 -0.12	36.76 -3.64 0.00	38.39 -3.47 0.00	34.93 -3.91 -0.09	35.81 -3.98 0.00	35.02 -4.08 1.35	30.24 -3.93 5.98	35.32 -4.19 0.00	34.35 -3.82 0.00	34.47 -3.49 0.00	34.99 -3.50 0.00	37.30 -3.33 0.00	42.55 -3.01 0.00	49.49 -2.49 0.00	53.11 -1.93 0.00	52.57 -2.25 0.00	49.46 -3.38 0.00	48.81 -2.73 0.00	45.48 -2.60 0.00	42.77 -2.16 0.00	43.34 -1.81 0.00
WHAVSTOR_138KV_BK127 55557	56.73 3.16 0.00	51.89 2.86 -0.48	47.17 2.71 0.00	42.37 2.31 -3.44	42.86 2.46 0.00	44.33 2.47 0.00	43.13 2.25 -2.13	42.21 2.43 0.00	42.99 2.55 0.00	42.45 2.29 0.00	41.64 2.13 0.00	40.23 2.06 0.00	40.04 2.09 0.00	40.61 2.12 0.00	42.74 2.11 0.00	47.70 2.14 0.00	53.91 1.92 0.00	57.35 2.31 0.00	56.63 1.81 0.00	54.48 1.64 0.00	53.29 1.75 0.00	49.90 1.83 0.00	46.73 1.80 0.00	46.73 1.58 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	56.73 3.16 0.00	51.89 2.86 -0.48	47.17 2.71 0.00	42.37 2.31 -3.44	42.86 2.46 0.00	44.33 2.47 0.00	43.13 2.25 -2.13	42.21 2.43 0.00	42.99 2.55 0.00	42.45 2.29 0.00	41.64 2.13 0.00	40.23 2.06 0.00	40.04 2.09 0.00	40.61 2.12 0.00	42.74 2.11 0.00	47.70 2.14 0.00	53.91 1.92 0.00	57.35 2.31 0.00	56.63 1.81 0.00	54.48 1.64 0.00	53.29 1.75 0.00	49.90 1.83 0.00	46.73 1.80 0.00	46.73 1.58 0.00
WHITEHAL_115KV_TB1 80871	58.01 4.45 0.00	53.15 3.93 -0.66	47.79 3.33 0.00	43.98 2.56 -4.79	43.43 3.03 0.00	45.00 3.14 0.00	44.94 3.22 -2.97	42.77 2.98 0.00	43.88 3.44 0.00	43.69 3.53 0.00	42.67 3.16 0.00	41.18 3.02 0.00	40.77 2.81 0.00	41.18 2.69 0.00	43.47 2.84 0.00	48.80 3.23 0.00	55.88 3.90 0.00	59.67 4.62 0.00	58.98 4.17 0.00	56.75 3.91 0.00	55.20 3.66 0.00	51.20 3.12 0.00	47.49 2.56 0.00	48.00 2.84 0.00
WHITEPLN_13_KV_LOAD 356215	57.80 4.23 0.00	52.83 3.79 -0.49	48.01 3.56 0.00	43.19 3.00 -3.56	43.67 3.27 0.00	45.12 3.27 0.00	43.86 2.91 -2.21	42.93 3.14 0.00	43.72 3.28 0.00	43.13 2.97 0.00	42.27 2.77 0.00	40.84 2.67 0.00	40.69 2.73 0.00	41.22 2.73 0.00	43.39 2.76 0.00	48.52 2.96 0.00	54.79 2.81 0.00	58.34 3.30 0.00	57.61 2.80 0.00	55.38 2.54 0.00	54.17 2.63 0.00	50.77 2.69 0.00	47.53 2.61 0.00	47.50 2.35 0.00
WM_FLOYD_69_KV_BK2 356380	58.87 5.30 0.00	53.80 4.76 -0.49	48.85 4.40 0.00	44.11 3.92 -3.56	44.60 4.20 0.00	46.04 4.19 0.00	45.01 4.03 -2.22	49.06 4.26 -5.02	50.40 4.37 -5.59	50.60 4.06 -6.39	48.70 3.79 -5.40	45.03 3.66 -3.20	41.61 3.64 -0.01	44.55 3.69 -2.37	45.38 3.86 -0.90	50.23 4.01 -0.66	64.11 4.26 -7.87	73.87 4.84 -13.98	70.01 4.33 -10.86	60.32 4.02 -3.46	57.10 4.02 -1.54	55.72 3.85 -3.80	48.67 3.73 -0.01	48.09 2.93 0.00
WOODARD___115KV_TB2 355635	52.12 -1.45 0.00	47.29 -1.31 -0.05	43.30 -1.16 0.00	36.05 -0.92 -0.34	39.43 -0.97 0.00	40.94 -0.92 0.00	38.11 -0.85 -0.21	38.91 -0.88 0.00	39.55 -0.89 0.00	39.27 -0.88 0.00	38.60 -0.91 0.00	37.29 -0.88 0.00	37.05 -0.91 0.00	37.56 -0.92 0.00	39.73 -0.89 0.00	44.70 -0.87 0.00	51.15 -0.83 0.00	54.33 -0.72 0.00	53.83 -0.99 0.00	51.79 -1.06 0.00	50.46 -1.08 0.00	46.92 -1.15 0.00	43.76 -1.17 0.00	44.02 -1.13 0.00
YORK___WARBASSE 23770	58.17 4.61 0.00	53.08 4.03 -0.49	48.42 3.96 -0.01	43.53 3.33 -3.57	44.04 3.64 -0.01	45.42 3.56 0.00	44.02 3.06 -2.21	42.93 3.14 0.00	43.56 3.11 0.00	43.01 2.85 0.00	42.19 2.69 0.00	40.76 2.60 0.00	40.46 2.51 0.00	41.11 2.62 0.00	43.15 2.52 0.00	48.11 2.55 0.00	54.05 2.08 0.01	57.57 2.53 0.00	56.78 1.97 0.01	54.63 1.80 0.01	53.50 1.96 0.00	50.33 2.26 0.00	47.53 2.61 0.00	47.72 2.57 0.00