

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

12/11/2024

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	54.11	38.23	40.41	38.70	36.70	38.91	50.78	55.94	59.17	58.28	54.94	52.97	52.29	47.75	46.79	41.52	47.27	53.50	50.44	47.86	42.43	39.92	39.79	39.21
24138	2.76	1.80	1.69	1.42	1.32	1.61	2.58	3.26	3.92	3.84	3.77	4.03	4.06	3.84	3.79	3.37	3.69	4.22	4.05	3.68	3.06	2.70	2.65	2.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	54.15	38.26	40.45	38.74	36.74	38.97	50.82	55.94	59.16	58.25	54.91	52.93	52.23	47.69	46.70	41.46	47.19	53.45	50.42	47.85	42.41	39.93	39.81	39.24
24260	2.80	1.84	1.73	1.46	1.36	1.67	2.62	3.26	3.91	3.81	3.74	3.98	4.00	3.78	3.70	3.31	3.61	4.17	4.03	3.66	3.04	2.70	2.67	2.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	54.15	38.26	40.45	38.74	36.74	38.97	50.82	55.94	59.16	58.25	54.91	52.93	52.23	47.69	46.70	41.46	47.19	53.45	50.42	47.85	42.41	39.93	39.81	39.24
24261	2.80	1.84	1.73	1.46	1.36	1.67	2.62	3.26	3.91	3.81	3.74	3.98	4.00	3.78	3.70	3.31	3.61	4.17	4.03	3.66	3.04	2.70	2.67	2.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	55.69	39.37	41.78	40.20	38.14	40.18	51.82	57.04	60.16	59.24	55.65	53.31	52.56	47.92	46.88	41.27	47.53	53.75	50.56	48.28	42.91	40.52	40.22	39.37
24011	4.34	2.95	3.06	2.92	2.76	2.89	3.62	4.37	4.91	4.80	4.48	4.37	4.32	4.01	3.88	3.33	3.95	4.46	4.17	4.09	3.54	3.29	3.08	2.76
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	56.08	39.63	41.98	40.40	38.30	40.38	52.11	57.39	60.63	59.71	56.08	53.74	52.99	48.31	47.27	41.61	47.94	54.20	50.98	48.72	43.28	40.92	40.58	39.69
23798	4.73	3.20	3.26	3.12	2.93	3.08	3.91	4.71	5.38	5.27	4.91	4.80	4.75	4.40	4.26	3.66	4.36	4.92	4.58	4.54	3.91	3.70	3.45	3.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	55.69	39.37	41.78	40.20	38.14	40.18	51.82	57.04	60.16	59.24	55.65	53.31	52.56	47.92	46.88	41.27	47.53	53.75	50.56	48.28	42.91	40.52	40.22	39.37
24028	4.34	2.95	3.06	2.92	2.76	2.89	3.62	4.37	4.91	4.80	4.48	4.37	4.32	4.01	3.88	3.33	3.95	4.46	4.17	4.09	3.54	3.29	3.08	2.76
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	54.65	38.75	41.15	39.55	37.51	39.42	51.00	55.75	58.74	57.84	54.45	52.22	51.38	46.91	45.83	40.26	46.10	52.20	49.13	46.83	41.88	39.60	39.48	38.74
23527	3.30	2.33	2.43	2.27	2.13	2.13	2.80	3.07	3.49	3.41	3.28	3.28	3.15	3.00	2.83	2.30	2.53	2.91	2.74	2.64	2.51	2.37	2.34	2.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	52.37	37.16	39.50	37.95	35.98	37.51	48.53	53.17	55.96	55.12	51.89	49.75	49.04	44.72	43.77	38.54	44.22	50.01	47.08	44.94	40.05	37.75	37.60	37.01
24190	1.02	0.73	0.78	0.68	0.60	0.22	0.33	0.50	0.71	0.68	0.72	0.81	0.80	0.81	0.76	0.59	0.65	0.72	0.69	0.75	0.68	0.53	0.46	0.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	51.62	36.71	38.97	37.55	35.62	37.61	48.74	53.08	55.43	54.68	51.36	49.02	48.51	44.03	43.19	38.08	43.98	49.60	46.53	44.29	39.41	37.26	37.22	36.60
355683	0.27	0.28	0.25	0.28	0.24	0.32	0.54	0.40	0.18	0.24	0.19	0.07	0.28	0.13	0.19	0.19	0.40	0.32	0.14	0.10	0.04	0.03	0.08	-0.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	53.41	37.90	40.32	38.73	36.77	38.48	49.73	54.41	57.18	56.28	52.94	50.69	49.96	45.54	44.60	39.30	45.13	51.03	48.05	45.86	40.86	38.55	38.41	37.81
323833	2.06	1.47	1.59	1.45	1.39	1.19	1.53	1.73	1.93	1.85	1.77	1.74	1.72	1.63	1.60	1.36	1.55	1.74	1.66	1.67	1.49	1.32	1.27	1.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	53.40	37.89	40.31	38.72	36.76	38.48	49.71	54.39	57.16	56.25	52.93	50.67	49.94	45.52	44.58	39.29	45.12	51.01	48.02	45.84	40.84	38.54	38.40	37.81
323834	2.05	1.46	1.58	1.44	1.38	1.18	1.51	1.71	1.91	1.81	1.76	1.72	1.71	1.62	1.58	1.35	1.54	1.73	1.63	1.65	1.47	1.31	1.26	1.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	52.37	37.16	39.50	37.95	35.98	37.51	48.53	53.17	55.96	55.12	51.89	49.75	49.04	44.72	43.77	38.54	44.22	50.01	47.08	44.94	40.05	37.75	37.60	37.01
23571	1.02	0.73	0.78	0.68	0.60	0.22	0.33	0.50	0.71	0.68	0.72	0.81	0.80	0.81	0.76	0.59	0.65	0.72	0.69	0.75	0.68	0.53	0.46	0.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	52.37 1.02 0.00	37.16 0.73 0.00	39.50 0.78 0.00	37.95 0.68 0.00	35.98 0.60 0.00	37.51 0.22 0.00	48.53 0.33 0.00	53.17 0.50 0.00	55.96 0.71 0.00	55.12 0.68 0.00	51.89 0.72 0.00	49.75 0.81 0.00	49.04 0.80 0.00	44.72 0.81 0.00	43.77 0.76 0.00	38.54 0.59 -0.06	44.22 0.65 0.00	50.01 0.72 0.00	47.08 0.69 0.00	44.94 0.75 0.00	40.05 0.68 0.00	37.75 0.53 0.00	37.60 0.46 0.00	37.01 0.40 0.00
ALBANY___3 23573	52.37 1.02 0.00	37.16 0.73 0.00	39.50 0.78 0.00	37.95 0.68 0.00	35.98 0.60 0.00	37.51 0.22 0.00	48.53 0.33 0.00	53.17 0.50 0.00	55.96 0.71 0.00	55.12 0.68 0.00	51.89 0.72 0.00	49.75 0.81 0.00	49.04 0.80 0.00	44.72 0.81 0.00	43.77 0.76 0.00	38.54 0.59 -0.06	44.22 0.65 0.00	50.01 0.72 0.00	47.08 0.69 0.00	44.94 0.75 0.00	40.05 0.68 0.00	37.75 0.53 0.00	37.60 0.46 0.00	37.01 0.40 0.00
ALBANY___4 23574	52.37 1.02 0.00	37.16 0.73 0.00	39.50 0.78 0.00	37.95 0.68 0.00	35.98 0.60 0.00	37.51 0.22 0.00	48.53 0.33 0.00	53.17 0.50 0.00	55.96 0.71 0.00	55.12 0.68 0.00	51.89 0.72 0.00	49.75 0.81 0.00	49.04 0.80 0.00	44.72 0.81 0.00	43.77 0.76 0.00	38.54 0.59 -0.06	44.22 0.65 0.00	50.01 0.72 0.00	47.08 0.69 0.00	44.94 0.75 0.00	40.05 0.68 0.00	37.75 0.53 0.00	37.60 0.46 0.00	37.01 0.40 0.00
ALBANY___LFGE 323615	52.82 1.47 0.00	37.48 1.06 0.00	39.83 1.11 0.00	38.28 1.00 0.00	36.30 0.92 0.00	37.93 0.63 0.00	49.09 0.89 0.00	53.79 1.11 0.00	56.60 1.36 0.00	55.75 1.32 0.00	52.50 1.33 0.00	50.32 1.37 0.00	49.59 1.36 0.00	45.23 1.32 0.00	44.26 1.26 0.00	38.98 1.04 -0.06	44.74 1.16 0.00	50.60 1.31 0.00	47.63 1.24 0.00	45.45 1.26 0.00	40.49 1.12 0.00	38.16 0.94 0.00	38.01 0.87 0.00	37.39 0.78 0.00
ALCOA_PA_115KV_PL-6C 55860	51.72 0.37 0.00	36.78 0.36 0.00	39.06 0.34 0.00	37.63 0.35 0.00	35.69 0.31 0.00	37.69 0.39 0.00	48.82 0.62 0.00	53.17 0.49 0.00	55.51 0.26 0.00	54.76 0.33 0.00	51.53 0.36 0.00	49.28 0.33 0.00	48.73 0.50 0.00	44.22 0.32 0.00	43.34 0.34 0.00	38.22 0.33 0.00	44.13 0.56 0.00	49.76 0.47 0.00	46.69 0.30 0.00	44.43 0.24 0.00	39.53 0.16 0.00	37.37 0.15 0.00	37.34 0.20 0.00	36.72 0.10 0.00
ALCOA_RYNLDS___DRP 24188	51.72 0.37 0.00	36.78 0.36 0.00	39.06 0.34 0.00	37.63 0.35 0.00	35.69 0.31 0.00	37.69 0.39 0.00	48.82 0.62 0.00	53.17 0.49 0.00	55.51 0.26 0.00	54.76 0.33 0.00	51.53 0.36 0.00	49.28 0.33 0.00	48.73 0.50 0.00	44.22 0.32 0.00	43.34 0.34 0.00	38.22 0.33 0.00	44.13 0.56 0.00	49.76 0.47 0.00	46.69 0.30 0.00	44.43 0.24 0.00	39.53 0.16 0.00	37.37 0.15 0.00	37.34 0.20 0.00	36.72 0.10 0.00
ALCOA___DSASP 323711	51.73 0.37 0.00	36.78 0.36 0.00	39.06 0.34 0.00	37.63 0.35 0.00	35.69 0.31 0.00	37.68 0.39 0.00	48.82 0.62 0.00	53.17 0.49 0.00	55.51 0.27 0.00	54.76 0.33 0.00	51.53 0.36 0.00	49.28 0.34 0.00	48.73 0.50 0.00	44.22 0.32 0.00	43.34 0.33 0.00	38.22 0.33 0.00	44.13 0.55 0.00	49.76 0.47 0.00	46.68 0.30 0.00	44.43 0.24 0.00	39.53 0.16 0.00	37.37 0.15 0.00	37.34 0.20 0.00	36.72 0.10 0.00
ALLEGHENY___COGEN 23514	51.60 0.25 0.00	36.71 0.28 0.00	39.34 0.61 0.00	38.11 0.83 0.00	36.18 0.80 0.00	38.54 1.24 0.00	49.56 1.36 0.00	53.76 1.08 0.00	56.51 1.26 0.00	55.38 0.95 0.00	51.76 0.59 0.00	49.23 0.29 0.00	47.91 -0.32 0.00	43.79 -0.12 0.00	42.76 -0.24 0.00	37.66 -0.23 0.00	43.01 -0.56 0.00	49.02 -0.27 -0.01	48.73 -0.38 -2.73	43.87 -0.53 -0.21	38.82 -0.55 0.00	36.88 -0.35 0.00	36.89 -0.25 0.00	36.60 -0.01 0.00
ALTAMONT_115KV_TB 2 55880	52.63 1.28 0.00	37.33 0.91 0.00	39.69 0.97 0.00	38.15 0.88 0.00	36.20 0.82 0.00	37.98 0.69 0.00	49.09 0.89 0.00	53.78 1.11 0.00	56.58 1.33 0.00	55.73 1.29 0.00	52.44 1.27 0.00	50.26 1.32 0.00	49.52 1.29 0.00	45.15 1.24 0.00	44.20 1.20 0.00	38.95 1.00 -0.06	44.68 1.10 0.00	50.55 1.27 0.00	47.60 1.21 0.00	45.39 1.20 0.00	40.42 1.06 0.00	38.14 0.92 0.00	38.02 0.88 0.00	37.44 0.83 0.00
ALTONA_WT_PWR 323606	50.26 -1.10 0.00	35.63 -0.80 0.00	37.64 -1.09 0.00	36.41 -0.87 0.00	34.76 -0.61 0.00	36.99 -0.30 0.00	48.41 0.21 0.00	53.03 0.36 0.00	55.59 0.34 0.00	54.86 0.42 0.00	51.87 0.71 0.00	49.85 0.91 0.00	49.38 1.15 0.00	44.77 0.86 0.00	43.84 0.83 0.00	38.66 0.77 0.00	44.58 1.00 0.00	49.54 0.26 0.00	46.04 -0.34 0.00	43.48 -0.70 0.00	38.53 -0.83 0.00	36.34 -0.89 0.00	36.22 -0.92 0.00	7.39 -1.31 27.91
AMERICAN_REF_FUEL 24010	48.56 -2.79 0.00	34.54 -1.89 0.00	36.83 -1.89 0.00	35.52 -1.76 0.00	33.56 -1.82 0.00	35.78 -1.51 0.00	45.23 -2.97 0.00	48.01 -4.67 0.00	50.73 -4.52 0.00	49.89 -4.55 0.00	46.53 -4.64 0.00	44.10 -4.84 0.00	42.94 -5.30 0.00	39.25 -4.66 0.00	38.43 -4.57 0.00	34.05 -3.84 0.00	38.97 -4.60 0.00	43.91 -5.37 0.00	40.58 -5.10 0.71	39.30 -4.83 0.05	35.01 -4.35 0.00	33.42 -3.80 0.00	33.98 -3.16 0.00	34.08 -2.54 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	51.34 -0.01 0.00	36.36 -0.07 0.00	38.70 -0.02 0.00	37.28 0.00 0.00	35.16 -0.22 0.00	37.54 0.24 0.00	47.49 -0.71 0.00	50.80 -1.88 0.00	53.63 -1.61 0.00	52.91 -1.52 0.00	49.03 -2.14 0.00	45.97 -2.97 0.00	44.51 -3.73 0.00	40.99 -2.92 0.00	40.03 -2.97 0.00	34.99 -2.90 0.00	40.19 -3.38 0.00	45.35 -3.93 0.00	41.90 -3.77 0.71	40.44 -3.69 0.05	36.05 -3.32 0.00	34.39 -2.83 0.00	34.74 -2.40 0.00	34.44 -2.17 0.00
ARTHUR KILL_GT_1 23520	54.14 2.78 0.00	38.31 1.89 0.00	40.50 1.78 0.00	38.79 1.51 0.00	36.78 1.40 0.00	38.90 1.60 0.00	50.70 2.50 0.00	55.76 3.09 0.00	58.83 3.58 0.00	57.85 3.41 0.00	54.50 3.33 0.00	52.63 3.69 0.00	51.98 3.74 0.00	47.44 3.53 0.00	46.49 3.48 0.00	41.21 3.06 -0.26	46.89 3.31 0.00	53.13 3.85 0.00	50.18 3.79 0.00	47.69 3.50 0.00	42.24 2.87 0.00	39.81 2.58 0.00	39.69 2.55 0.00	39.15 2.54 0.00
ARTHUR_KILL_2 23512	53.99 2.64 0.00	38.20 1.78 0.00	40.39 1.66 0.00	38.69 1.41 0.00	36.68 1.30 0.00	38.78 1.49 0.00	50.55 2.35 0.00	55.60 2.92 0.00	58.66 3.42 0.00	57.67 3.24 0.00	54.34 3.17 0.00	52.47 3.53 0.00	51.83 3.59 0.00	47.29 3.38 0.00	46.33 3.33 0.00	41.08 2.93 -0.26	46.74 3.16 0.00	52.95 3.67 0.00	50.02 3.63 0.00	47.54 3.35 0.00	42.12 2.75 0.00	39.68 2.45 0.00	39.58 2.44 0.00	39.04 2.42 0.00
ARTHUR_KILL_3 23513	53.70 2.34 0.00	37.97 1.55 0.00	40.12 1.40 0.00	38.43 1.15 0.00	36.46 1.08 0.00	38.64 1.35 0.00	50.42 2.22 0.00	55.44 2.76 0.00	58.56 3.31 0.00	57.63 3.19 0.00	54.33 3.16 0.00	52.42 3.47 0.00	51.75 3.52 0.00	47.25 3.34 0.00	46.29 3.29 0.00	41.08 2.93 -0.26	46.76 3.18 0.00	52.98 3.70 0.00	49.99 3.61 0.00	47.44 3.25 0.00	42.05 2.68 0.00	39.60 2.37 0.00	39.48 2.35 0.00	38.94 2.33 0.00

ARTHUR_KILL_COGEN 323718	54.14 2.78 0.00	38.31 1.89 0.00	40.50 1.78 0.00	38.79 1.51 0.00	36.78 1.40 0.00	38.90 1.60 0.00	50.70 2.50 0.00	55.76 3.09 0.00	58.83 3.58 0.00	57.85 3.41 0.00	54.50 3.33 0.00	52.63 3.69 0.00	51.98 3.74 0.00	47.44 3.53 0.00	46.49 3.48 0.00	41.21 3.06 -0.26	46.89 3.31 0.00	53.13 3.85 0.00	50.18 3.79 0.00	47.69 3.50 0.00	42.24 2.87 0.00	39.81 2.58 0.00	39.69 2.55 0.00	39.15 2.54 0.00
ASHOKAN____ 23654	54.77 3.42 0.00	38.73 2.30 0.00	41.04 2.32 0.00	39.39 2.11 0.00	37.43 2.05 0.00	39.47 2.18 0.00	51.44 3.24 0.00	56.71 4.03 0.00	59.91 4.66 0.00	58.98 4.54 0.00	55.57 4.40 0.00	53.33 4.39 0.00	52.53 4.30 0.00	47.89 3.98 0.00	46.92 3.91 0.00	41.34 3.45 0.00	47.56 3.98 0.00	53.85 4.57 0.00	50.73 4.34 0.00	48.23 4.04 0.00	42.80 3.43 0.00	40.27 3.04 0.00	40.04 2.90 0.00	39.33 2.72 0.00
ASTORIA_EAST_ENERGY_CC1 323581	53.80 2.45 0.00	38.12 1.70 0.00	40.30 1.58 0.00	38.55 1.28 0.00	36.54 1.16 0.00	38.77 1.48 0.00	50.52 2.32 0.00	55.66 2.98 0.00	58.82 3.57 0.00	57.88 3.44 0.00	54.48 3.31 0.00	52.62 3.67 0.00	51.95 3.72 0.00	47.48 3.57 0.00	46.48 3.47 0.00	41.24 3.09 -0.26	46.88 3.30 0.00	53.02 3.74 0.00	50.14 3.75 0.00	47.53 3.35 0.00	42.08 2.71 0.00	39.72 2.49 0.00	39.60 2.46 0.00	39.12 2.51 0.00
ASTORIA_EAST_ENERGY_CC2 323582	53.80 2.45 0.00	38.12 1.70 0.00	40.30 1.58 0.00	38.55 1.28 0.00	36.54 1.16 0.00	38.77 1.47 0.00	50.52 2.32 0.00	55.66 2.98 0.00	58.82 3.57 0.00	57.88 3.44 0.00	54.48 3.31 0.00	52.62 3.67 0.00	51.95 3.72 0.00	47.48 3.57 0.00	46.48 3.47 0.00	41.24 3.09 -0.26	46.88 3.31 0.00	53.02 3.74 0.00	50.14 3.75 0.00	47.53 3.35 0.00	42.08 2.71 0.00	39.71 2.49 0.00	39.61 2.47 0.00	39.12 2.51 0.00
ASTORIA_GT2_1 24094	53.83 2.48 0.00	38.13 1.70 0.00	40.32 1.60 0.00	38.56 1.29 0.00	36.54 1.16 0.00	38.78 1.48 0.00	50.55 2.35 0.00	55.68 3.01 0.00	58.85 3.60 0.00	57.90 3.47 0.00	54.52 3.35 0.00	52.64 3.69 0.00	51.98 3.75 0.00	47.50 3.60 0.00	46.50 3.49 0.00	41.26 3.11 -0.26	46.89 3.32 0.00	53.06 3.78 0.00	50.16 3.77 0.00	47.55 3.36 0.00	42.10 2.73 0.00	39.73 2.50 0.00	39.62 2.48 0.00	39.14 2.53 0.00
ASTORIA_GT2_2 24095	53.83 2.48 0.00	38.13 1.70 0.00	40.32 1.60 0.00	38.56 1.29 0.00	36.54 1.16 0.00	38.78 1.48 0.00	50.55 2.35 0.00	55.68 3.01 0.00	58.85 3.60 0.00	57.90 3.47 0.00	54.52 3.35 0.00	52.64 3.69 0.00	51.98 3.75 0.00	47.50 3.60 0.00	46.50 3.49 0.00	41.26 3.11 -0.26	46.89 3.32 0.00	53.06 3.78 0.00	50.16 3.77 0.00	47.55 3.36 0.00	42.10 2.73 0.00	39.73 2.50 0.00	39.62 2.48 0.00	39.14 2.53 0.00
ASTORIA_GT2_3 24096	53.83 2.48 0.00	38.13 1.70 0.00	40.32 1.60 0.00	38.56 1.29 0.00	36.54 1.16 0.00	38.78 1.48 0.00	50.55 2.35 0.00	55.68 3.01 0.00	58.85 3.60 0.00	57.90 3.47 0.00	54.52 3.35 0.00	52.64 3.69 0.00	51.98 3.75 0.00	47.50 3.60 0.00	46.50 3.49 0.00	41.26 3.11 -0.26	46.89 3.32 0.00	53.06 3.78 0.00	50.16 3.77 0.00	47.55 3.36 0.00	42.10 2.73 0.00	39.73 2.50 0.00	39.62 2.48 0.00	39.14 2.53 0.00
ASTORIA_GT2_4 24097	53.83 2.48 0.00	38.13 1.70 0.00	40.32 1.60 0.00	38.56 1.29 0.00	36.54 1.16 0.00	38.78 1.48 0.00	50.55 2.35 0.00	55.68 3.01 0.00	58.85 3.60 0.00	57.90 3.47 0.00	54.52 3.35 0.00	52.64 3.69 0.00	51.98 3.75 0.00	47.50 3.60 0.00	46.50 3.49 0.00	41.26 3.11 -0.26	46.89 3.32 0.00	53.06 3.78 0.00	50.16 3.77 0.00	47.55 3.36 0.00	42.10 2.73 0.00	39.73 2.50 0.00	39.62 2.48 0.00	39.14 2.53 0.00
ASTORIA_GT3_1 24098	53.83 2.48 0.00	38.13 1.70 0.00	40.32 1.60 0.00	38.56 1.29 0.00	36.54 1.16 0.00	38.78 1.48 0.00	50.55 2.35 0.00	55.68 3.01 0.00	58.85 3.60 0.00	57.90 3.47 0.00	54.52 3.35 0.00	52.64 3.69 0.00	51.98 3.75 0.00	47.50 3.60 0.00	46.50 3.49 0.00	41.26 3.11 -0.26	46.89 3.32 0.00	53.06 3.78 0.00	50.16 3.77 0.00	47.55 3.36 0.00	42.10 2.73 0.00	39.73 2.50 0.00	39.62 2.48 0.00	39.14 2.53 0.00
ASTORIA_GT3_2 24099	53.83 2.48 0.00	38.13 1.70 0.00	40.32 1.60 0.00	38.56 1.29 0.00	36.54 1.16 0.00	38.78 1.48 0.00	50.55 2.35 0.00	55.68 3.01 0.00	58.85 3.60 0.00	57.90 3.47 0.00	54.52 3.35 0.00	52.64 3.69 0.00	51.98 3.75 0.00	47.50 3.60 0.00	46.50 3.49 0.00	41.26 3.11 -0.26	46.89 3.32 0.00	53.06 3.78 0.00	50.16 3.77 0.00	47.55 3.36 0.00	42.10 2.73 0.00	39.73 2.50 0.00	39.62 2.48 0.00	39.14 2.53 0.00
ASTORIA_GT3_3 24100	53.83 2.48 0.00	38.13 1.70 0.00	40.32 1.60 0.00	38.56 1.29 0.00	36.54 1.16 0.00	38.78 1.48 0.00	50.55 2.35 0.00	55.68 3.01 0.00	58.85 3.60 0.00	57.90 3.47 0.00	54.52 3.35 0.00	52.64 3.69 0.00	51.98 3.75 0.00	47.50 3.60 0.00	46.50 3.49 0.00	41.26 3.11 -0.26	46.89 3.32 0.00	53.06 3.78 0.00	50.16 3.77 0.00	47.55 3.36 0.00	42.10 2.73 0.00	39.73 2.50 0.00	39.62 2.48 0.00	39.14 2.53 0.00
ASTORIA_GT3_4 24101	53.83 2.48 0.00	38.13 1.70 0.00	40.32 1.60 0.00	38.56 1.29 0.00	36.54 1.16 0.00	38.78 1.48 0.00	50.55 2.35 0.00	55.68 3.01 0.00	58.85 3.60 0.00	57.90 3.47 0.00	54.52 3.35 0.00	52.64 3.69 0.00	51.98 3.75 0.00	47.50 3.60 0.00	46.50 3.49 0.00	41.26 3.11 -0.26	46.89 3.32 0.00	53.06 3.78 0.00	50.16 3.77 0.00	47.55 3.36 0.00	42.10 2.73 0.00	39.73 2.50 0.00	39.62 2.48 0.00	39.14 2.53 0.00
ASTORIA_GT4_1 24102	53.83 2.48 0.00	38.13 1.70 0.00	40.32 1.60 0.00	38.56 1.29 0.00	36.54 1.16 0.00	38.78 1.48 0.00	50.55 2.35 0.00	55.68 3.01 0.00	58.85 3.60 0.00	57.90 3.47 0.00	54.52 3.35 0.00	52.64 3.69 0.00	51.98 3.75 0.00	47.50 3.60 0.00	46.50 3.49 0.00	41.26 3.11 -0.26	46.89 3.32 0.00	53.06 3.78 0.00	50.16 3.77 0.00	47.55 3.36 0.00	42.10 2.73 0.00	39.73 2.50 0.00	39.62 2.48 0.00	39.14 2.53 0.00
ASTORIA_GT4_2 24103	53.83 2.48 0.00	38.13 1.70 0.00	40.32 1.60 0.00	38.56 1.29 0.00	36.54 1.16 0.00	38.78 1.48 0.00	50.55 2.35 0.00	55.68 3.01 0.00	58.85 3.60 0.00	57.90 3.47 0.00	54.52 3.35 0.00	52.64 3.69 0.00	51.98 3.75 0.00	47.50 3.60 0.00	46.50 3.49 0.00	41.26 3.11 -0.26	46.89 3.32 0.00	53.06 3.78 0.00	50.16 3.77 0.00	47.55 3.36 0.00	42.10 2.73 0.00	39.73 2.50 0.00	39.62 2.48 0.00	39.14 2.53 0.00
ASTORIA_GT4_3 24104	53.83 2.48 0.00	38.13 1.70 0.00	40.32 1.60 0.00	38.56 1.29 0.00	36.54 1.16 0.00	38.78 1.48 0.00	50.55 2.35 0.00	55.68 3.01 0.00	58.85 3.60 0.00	57.90 3.47 0.00	54.52 3.35 0.00	52.64 3.69 0.00	51.98 3.75 0.00	47.50 3.60 0.00	46.50 3.49 0.00	41.26 3.11 -0.26	46.89 3.32 0.00	53.06 3.78 0.00	50.16 3.77 0.00	47.55 3.36 0.00	42.10 2.73 0.00	39.73 2.50 0.00	39.62 2.48 0.00	39.14 2.53 0.00

ASTORIA_GT4_4 24105	53.83 2.48 0.00	38.13 1.70 0.00	40.32 1.60 0.00	38.56 1.29 0.00	36.54 1.16 0.00	38.78 1.48 0.00	50.55 2.35 0.00	55.68 3.01 0.00	58.85 3.60 0.00	57.90 3.47 0.00	54.52 3.35 0.00	52.64 3.69 0.00	51.98 3.75 0.00	47.50 3.60 0.00	46.50 3.49 0.00	41.26 3.11 -0.26	46.89 3.32 0.00	53.06 3.78 0.00	50.16 3.77 0.00	47.55 3.36 0.00	42.10 2.73 0.00	39.73 2.50 0.00	39.62 2.48 0.00	39.14 2.53 0.00
ASTORIA_GT_1 23523	53.90 2.55 0.00	38.19 1.76 0.00	40.36 1.64 0.00	38.62 1.34 0.00	36.59 1.21 0.00	38.82 1.52 0.00	50.60 2.40 0.00	55.76 3.09 0.00	58.94 3.69 0.00	57.98 3.55 0.00	54.58 3.42 0.00	52.69 3.75 0.00	52.02 3.78 0.00	47.53 3.63 0.00	46.52 3.52 0.00	41.29 3.14 -0.26	46.94 3.36 0.00	53.11 3.82 0.00	50.23 3.84 0.00	47.64 3.45 0.00	42.16 2.79 0.00	39.80 2.57 0.00	39.69 2.55 0.00	39.20 2.59 0.00
ASTORIA_GT_10 24110	53.79 2.43 0.00	38.03 1.61 0.00	40.20 1.48 0.00	38.49 1.21 0.00	36.51 1.13 0.00	38.69 1.40 0.00	50.47 2.27 0.00	55.56 2.88 0.00	58.73 3.49 0.00	57.78 3.35 0.00	54.41 3.24 0.00	52.48 3.54 0.00	51.80 3.57 0.00	47.30 3.39 0.00	46.33 3.32 0.00	41.12 2.97 -0.26	46.80 3.22 0.00	53.01 3.72 0.00	50.04 3.65 0.00	47.53 3.34 0.00	42.14 2.77 0.00	39.69 2.47 0.00	39.57 2.43 0.00	39.05 2.44 0.00
ASTORIA_GT_11 24225	53.79 2.43 0.00	38.03 1.61 0.00	40.20 1.48 0.00	38.49 1.21 0.00	36.51 1.13 0.00	38.69 1.40 0.00	50.47 2.27 0.00	55.56 2.88 0.00	58.73 3.49 0.00	57.78 3.35 0.00	54.41 3.24 0.00	52.48 3.54 0.00	51.80 3.57 0.00	47.30 3.39 0.00	46.33 3.32 0.00	41.12 2.97 -0.26	46.80 3.22 0.00	53.01 3.72 0.00	50.04 3.65 0.00	47.53 3.34 0.00	42.14 2.77 0.00	39.69 2.47 0.00	39.57 2.43 0.00	39.05 2.44 0.00
ASTORIA_GT_12 24226	53.79 2.43 0.00	38.03 1.61 0.00	40.20 1.48 0.00	38.49 1.21 0.00	36.51 1.13 0.00	38.69 1.40 0.00	50.47 2.27 0.00	55.56 2.88 0.00	58.73 3.49 0.00	57.78 3.35 0.00	54.41 3.24 0.00	52.48 3.54 0.00	51.80 3.57 0.00	47.30 3.39 0.00	46.33 3.32 0.00	41.12 2.97 -0.26	46.80 3.22 0.00	53.01 3.72 0.00	50.04 3.65 0.00	47.53 3.34 0.00	42.14 2.77 0.00	39.69 2.47 0.00	39.57 2.43 0.00	39.05 2.44 0.00
ASTORIA_GT_13 24227	53.79 2.43 0.00	38.03 1.61 0.00	40.20 1.48 0.00	38.49 1.21 0.00	36.51 1.13 0.00	38.69 1.40 0.00	50.47 2.27 0.00	55.56 2.88 0.00	58.73 3.49 0.00	57.78 3.35 0.00	54.41 3.24 0.00	52.48 3.54 0.00	51.80 3.57 0.00	47.30 3.39 0.00	46.33 3.32 0.00	41.12 2.97 -0.26	46.80 3.22 0.00	53.01 3.72 0.00	50.04 3.65 0.00	47.53 3.34 0.00	42.14 2.77 0.00	39.69 2.47 0.00	39.57 2.43 0.00	39.05 2.44 0.00
ASTORIA_GT_5 24106	53.90 2.55 0.00	38.19 1.76 0.00	40.36 1.64 0.00	38.62 1.34 0.00	36.59 1.21 0.00	38.82 1.52 0.00	50.60 2.40 0.00	55.76 3.09 0.00	58.93 3.68 0.00	57.97 3.54 0.00	54.58 3.41 0.00	52.69 3.74 0.00	52.02 3.79 0.00	47.54 3.63 0.00	46.52 3.51 0.00	41.29 3.14 -0.26	46.94 3.36 0.00	53.11 3.82 0.00	50.22 3.84 0.00	47.63 3.45 0.00	42.16 2.79 0.00	39.80 2.57 0.00	39.69 2.55 0.00	39.20 2.59 0.00
ASTORIA_GT_7 24107	53.90 2.55 0.00	38.19 1.76 0.00	40.36 1.64 0.00	38.62 1.34 0.00	36.59 1.21 0.00	38.82 1.52 0.00	50.60 2.40 0.00	55.76 3.09 0.00	58.93 3.68 0.00	57.97 3.54 0.00	54.58 3.41 0.00	52.69 3.74 0.00	52.02 3.79 0.00	47.54 3.63 0.00	46.52 3.51 0.00	41.29 3.14 -0.26	46.94 3.36 0.00	53.11 3.82 0.00	50.22 3.84 0.00	47.63 3.45 0.00	42.16 2.79 0.00	39.80 2.57 0.00	39.69 2.55 0.00	39.20 2.59 0.00
ASTORIA_GT_8 24108	53.90 2.55 0.00	38.19 1.76 0.00	40.36 1.64 0.00	38.62 1.34 0.00	36.59 1.21 0.00	38.82 1.52 0.00	50.60 2.40 0.00	55.76 3.09 0.00	58.93 3.68 0.00	57.97 3.54 0.00	54.58 3.41 0.00	52.69 3.74 0.00	52.02 3.79 0.00	47.54 3.63 0.00	46.52 3.51 0.00	41.29 3.14 -0.26	46.94 3.36 0.00	53.11 3.82 0.00	50.22 3.84 0.00	47.63 3.45 0.00	42.16 2.79 0.00	39.80 2.57 0.00	39.69 2.55 0.00	39.20 2.59 0.00
ASTORIA___2 24149	53.83 2.48 0.00	38.13 1.70 0.00	40.32 1.60 0.00	38.56 1.29 0.00	36.54 1.16 0.00	38.78 1.49 0.00	50.54 2.34 0.00	55.68 3.01 0.00	58.85 3.60 0.00	57.91 3.47 0.00	54.52 3.36 0.00	52.63 3.69 0.00	51.98 3.75 0.00	47.51 3.60 0.00	46.50 3.50 0.00	41.26 3.11 -0.26	46.90 3.32 0.00	53.06 3.78 0.00	50.16 3.77 0.00	47.55 3.36 0.00	42.10 2.73 0.00	39.73 2.51 0.00	39.62 2.48 0.00	39.14 2.53 0.00
ASTORIA___3 23516	53.79 2.43 0.00	38.04 1.61 0.00	40.20 1.48 0.00	38.49 1.21 0.00	36.51 1.13 0.00	38.69 1.40 0.00	50.47 2.27 0.00	55.56 2.89 0.00	58.74 3.49 0.00	57.79 3.35 0.00	54.41 3.24 0.00	52.48 3.53 0.00	51.80 3.57 0.00	47.30 3.39 0.00	46.33 3.32 0.00	41.12 2.97 -0.26	46.80 3.22 0.00	53.01 3.72 0.00	50.04 3.65 0.00	47.51 3.32 0.00	42.10 2.73 0.00	39.73 2.51 0.00	39.62 2.48 0.00	39.14 2.53 0.00
ASTORIA___4 23517	53.79 2.43 0.00	38.03 1.61 0.00	40.20 1.48 0.00	38.49 1.21 0.00	36.51 1.13 0.00	38.69 1.40 0.00	50.47 2.27 0.00	55.56 2.88 0.00	58.73 3.49 0.00	57.78 3.35 0.00	54.41 3.24 0.00	52.48 3.54 0.00	51.80 3.57 0.00	47.30 3.39 0.00	46.33 3.32 0.00	41.12 2.97 -0.26	46.80 3.22 0.00	53.01 3.72 0.00	50.04 3.65 0.00	47.51 3.32 0.00	42.10 2.73 0.00	39.73 2.50 0.00	39.62 2.48 0.00	39.14 2.53 0.00
ASTORIA___5 23518	53.79 2.43 0.00	38.04 1.61 0.00	40.20 1.48 0.00	38.49 1.21 0.00	36.51 1.13 0.00	38.69 1.40 0.00	50.47 2.27 0.00	55.56 2.89 0.00	58.74 3.49 0.00	57.79 3.35 0.00	54.41 3.24 0.00	52.48 3.53 0.00	51.80 3.57 0.00	47.30 3.39 0.00	46.33 3.32 0.00	41.12 2.97 -0.26	46.80 3.22 0.00	53.00 3.72 0.00	50.04 3.65 0.00	47.53 3.34 0.00	42.14 2.77 0.00	39.69 2.47 0.00	39.57 2.43 0.00	39.04 2.43 0.00
AST_ENERGY_2_CC3 323677	53.88 2.53 0.00	38.07 1.65 0.00	40.26 1.54 0.00	38.46 1.19 0.00	36.37 0.99 0.00	38.57 1.27 0.00	50.32 2.12 0.00	55.36 2.69 0.00	58.58 3.34 0.00	57.67 3.23 0.00	54.38 3.21 0.00	52.43 3.48 0.00	51.74 3.51 0.00	47.24 3.34 0.00	46.28 3.27 0.00	41.10 2.95 -0.26	46.76 3.18 0.00	52.97 3.69 0.00	49.98 3.59 0.00	47.44 3.25 0.00	42.06 2.69 0.00	39.60 2.37 0.00	39.48 2.35 0.00	38.94 2.33 0.00
AST_ENERGY_2_CC4 323678	53.88 2.53 0.00	38.07 1.65 0.00	40.26 1.54 0.00	38.46 1.19 0.00	36.37 0.99 0.00	38.57 1.27 0.00	50.32 2.12 0.00	55.36 2.69 0.00	58.58 3.34 0.00	57.67 3.23 0.00	54.38 3.21 0.00	52.43 3.48 0.00	51.74 3.51 0.00	47.24 3.34 0.00	46.28 3.27 0.00	41.10 2.95 -0.26	46.76 3.18 0.00	52.97 3.69 0.00	49.98 3.59 0.00	47.44 3.25 0.00	42.06 2.69 0.00	39.60 2.37 0.00	39.48 2.35 0.00	38.94 2.33 0.00

ATHENS_STG_1 23668	52.90 1.55 0.00	37.48 1.05 0.00	39.82 1.10 0.00	38.27 0.99 0.00	36.31 0.93 0.00	38.18 0.89 0.00	49.41 1.21 0.00	54.18 1.51 0.00	57.07 1.82 0.00	56.22 1.79 0.00	52.92 1.76 0.00	50.79 1.84 0.00	50.05 1.81 0.00	45.65 1.74 0.00	44.68 1.68 0.00	39.43 1.44 -0.09	45.15 1.57 0.00	51.11 1.82 0.00	48.16 1.77 0.00	45.84 1.65 0.00	40.78 1.41 0.00	38.48 1.26 0.00	38.37 1.23 0.00	37.80 1.19 0.00
ATHENS_STG_2 23670	52.90 1.55 0.00	37.48 1.05 0.00	39.82 1.10 0.00	38.27 0.99 0.00	36.31 0.93 0.00	38.18 0.89 0.00	49.41 1.21 0.00	54.18 1.51 0.00	57.07 1.82 0.00	56.22 1.79 0.00	52.92 1.76 0.00	50.79 1.84 0.00	50.05 1.81 0.00	45.65 1.74 0.00	44.68 1.68 0.00	39.43 1.44 -0.09	45.15 1.57 0.00	51.11 1.82 0.00	48.16 1.77 0.00	45.84 1.65 0.00	40.78 1.41 0.00	38.48 1.26 0.00	38.37 1.23 0.00	37.80 1.19 0.00
ATHENS_STG_3 23677	52.90 1.55 0.00	37.48 1.05 0.00	39.82 1.10 0.00	38.27 0.99 0.00	36.31 0.93 0.00	38.18 0.89 0.00	49.41 1.21 0.00	54.18 1.51 0.00	57.07 1.82 0.00	56.22 1.79 0.00	52.92 1.76 0.00	50.79 1.84 0.00	50.05 1.81 0.00	45.65 1.74 0.00	44.68 1.68 0.00	39.43 1.44 -0.09	45.15 1.57 0.00	51.11 1.82 0.00	48.16 1.77 0.00	45.84 1.65 0.00	40.78 1.41 0.00	38.48 1.26 0.00	38.37 1.23 0.00	37.80 1.19 0.00
AUBURN___LFGE 323710	51.27 -0.07 0.00	36.28 -0.15 0.00	38.63 -0.10 0.00	37.23 -0.04 0.00	35.21 -0.17 0.00	37.24 -0.05 0.00	47.98 -0.22 0.00	52.33 -0.35 0.00	54.97 -0.27 0.00	54.08 -0.36 0.00	50.66 -0.51 0.00	48.40 -0.54 0.00	47.48 -0.76 0.00	43.25 -0.66 0.00	42.35 -0.66 0.00	37.38 -0.51 0.00	42.84 -0.74 0.00	48.59 -0.70 0.00	45.81 -0.58 0.00	43.81 -0.38 0.00	39.10 -0.26 0.00	37.10 -0.13 0.00	37.01 -0.14 0.00	36.56 -0.05 0.00
BABYLON_RES_REC 323704	54.26 2.91 0.00	38.22 1.80 0.00	40.34 1.61 0.00	38.66 1.38 0.00	36.63 1.25 0.00	38.94 1.64 0.00	50.72 2.52 0.00	55.68 3.01 0.00	58.92 3.67 0.00	58.17 3.73 0.00	55.05 3.88 0.00	53.14 4.20 0.00	52.41 4.18 0.00	48.05 4.14 0.00	47.08 4.08 0.00	41.88 3.73 -0.26	47.57 3.99 0.00	53.88 4.59 0.00	51.00 4.61 0.00	48.31 4.12 0.00	42.74 3.37 0.00	40.12 2.90 0.00	40.10 2.96 0.00	39.49 2.87 0.00
BABYLON__69_KV_BK2 356345	54.75 3.40 0.00	38.54 2.12 0.00	40.69 1.96 0.00	38.99 1.71 0.00	36.94 1.56 0.00	39.28 1.99 0.00	51.19 3.00 0.00	56.16 3.48 0.00	59.46 4.21 0.00	58.72 4.29 0.00	55.60 4.43 0.00	53.68 4.74 0.00	52.94 4.71 0.00	48.57 4.66 0.00	47.59 4.58 0.00	42.35 4.21 -0.26	48.09 4.51 0.00	54.50 5.22 0.00	51.62 5.23 0.00	48.89 4.70 0.00	43.24 3.87 0.00	40.56 3.33 0.00	40.53 3.39 0.00	39.90 3.28 0.00
BALL_HILL_WT_PWR 323825	50.65 -0.70 0.00	35.95 -0.48 0.00	38.35 -0.37 0.00	36.99 -0.29 0.00	34.96 -0.42 0.00	37.25 -0.05 0.00	47.19 -1.01 0.00	50.46 -2.21 0.00	53.30 -1.95 0.00	52.43 -2.00 0.00	48.81 -2.36 0.00	46.12 -2.83 0.00	44.79 -3.45 0.00	41.04 -2.86 0.00	40.18 -2.83 0.00	35.35 -2.54 0.00	40.48 -3.10 0.00	45.77 -3.51 0.00	42.06 -3.39 0.94	40.89 -3.22 0.07	36.44 -2.93 0.00	34.77 -2.46 0.00	35.15 -1.99 0.00	35.03 -1.58 0.00
BARON_WINDS___WT_PWR 323822	49.51 -1.84 0.00	35.28 -1.14 0.00	38.19 -0.54 0.00	37.05 -0.23 0.00	35.11 -0.27 0.00	37.30 0.01 0.00	47.65 -0.55 0.00	51.65 -1.03 0.00	54.09 -1.16 0.00	53.15 -1.28 0.00	49.74 -1.43 0.00	47.43 -1.51 0.00	45.90 -2.34 0.00	41.94 -1.97 0.00	40.93 -2.08 0.00	35.95 -1.94 0.00	40.55 -3.02 0.00	46.12 -3.15 0.01	38.69 -3.17 4.53	40.60 -3.23 0.36	36.48 -2.89 0.01	34.74 -2.49 0.00	34.73 -2.42 0.00	34.52 -2.09 0.00
BARRETT_IC_1 23704	53.93 2.57 0.00	38.04 1.61 0.00	40.16 1.44 0.00	38.51 1.23 0.00	36.46 1.09 0.00	38.69 1.39 0.00	50.33 2.13 0.00	55.27 2.59 0.00	58.43 3.18 0.00	57.63 3.20 0.00	54.51 3.34 0.00	52.59 3.65 0.00	51.87 3.63 0.00	47.58 3.67 0.00	46.60 3.59 0.00	41.38 3.24 -0.26	46.95 3.37 0.00	53.19 3.91 0.00	50.31 3.92 0.00	47.69 3.51 0.00	42.21 2.84 0.00	39.69 2.46 0.00	39.71 2.57 0.00	39.17 2.56 0.00
BARRETT_IC_10 23701	53.93 2.57 0.00	38.04 1.61 0.00	40.16 1.44 0.00	38.51 1.23 0.00	36.46 1.09 0.00	38.69 1.39 0.00	50.33 2.13 0.00	55.27 2.59 0.00	58.43 3.18 0.00	57.63 3.20 0.00	54.51 3.34 0.00	52.59 3.65 0.00	51.87 3.63 0.00	47.58 3.67 0.00	46.60 3.59 0.00	41.38 3.24 -0.26	46.95 3.37 0.00	53.19 3.91 0.00	50.31 3.92 0.00	47.69 3.51 0.00	42.21 2.84 0.00	39.69 2.46 0.00	39.71 2.57 0.00	39.17 2.56 0.00
BARRETT_IC_11 23702	53.93 2.57 0.00	38.04 1.61 0.00	40.16 1.44 0.00	38.51 1.23 0.00	36.46 1.09 0.00	38.69 1.39 0.00	50.33 2.13 0.00	55.27 2.59 0.00	58.43 3.18 0.00	57.63 3.20 0.00	54.51 3.34 0.00	52.59 3.65 0.00	51.87 3.63 0.00	47.58 3.67 0.00	46.60 3.59 0.00	41.38 3.24 -0.26	46.95 3.37 0.00	53.19 3.91 0.00	50.31 3.92 0.00	47.69 3.51 0.00	42.21 2.84 0.00	39.69 2.46 0.00	39.71 2.57 0.00	39.17 2.56 0.00
BARRETT_IC_12 23703	53.93 2.57 0.00	38.04 1.61 0.00	40.16 1.44 0.00	38.51 1.23 0.00	36.46 1.09 0.00	38.69 1.39 0.00	50.33 2.13 0.00	55.27 2.59 0.00	58.43 3.18 0.00	57.63 3.20 0.00	54.51 3.34 0.00	52.59 3.65 0.00	51.87 3.63 0.00	47.58 3.67 0.00	46.60 3.59 0.00	41.38 3.24 -0.26	46.95 3.37 0.00	53.19 3.91 0.00	50.31 3.92 0.00	47.69 3.51 0.00	42.21 2.84 0.00	39.69 2.46 0.00	39.71 2.57 0.00	39.17 2.56 0.00
BARRETT_IC_2 23705	53.93 2.57 0.00	38.04 1.61 0.00	40.16 1.44 0.00	38.51 1.23 0.00	36.46 1.09 0.00	38.69 1.39 0.00	50.33 2.13 0.00	55.27 2.59 0.00	58.43 3.18 0.00	57.63 3.20 0.00	54.51 3.34 0.00	52.59 3.65 0.00	51.87 3.63 0.00	47.58 3.67 0.00	46.60 3.59 0.00	41.38 3.24 -0.26	46.95 3.37 0.00	53.19 3.91 0.00	50.31 3.92 0.00	47.69 3.51 0.00	42.21 2.84 0.00	39.69 2.46 0.00	39.71 2.57 0.00	39.17 2.56 0.00
BARRETT_IC_3 23706	53.93 2.57 0.00	38.04 1.61 0.00	40.16 1.44 0.00	38.51 1.23 0.00	36.46 1.09 0.00	38.69 1.39 0.00	50.33 2.13 0.00	55.27 2.59 0.00	58.43 3.18 0.00	57.63 3.20 0.00	54.51 3.34 0.00	52.59 3.65 0.00	51.87 3.63 0.00	47.58 3.67 0.00	46.60 3.59 0.00	41.38 3.24 -0.26	46.95 3.37 0.00	53.19 3.91 0.00	50.31 3.92 0.00	47.69 3.51 0.00	42.21 2.84 0.00	39.69 2.46 0.00	39.71 2.57 0.00	39.17 2.56 0.00
BARRETT_IC_4 23707	53.93 2.57 0.00	38.04 1.61 0.00	40.16 1.44 0.00	38.51 1.23 0.00	36.46 1.09 0.00	38.69 1.39 0.00	50.33 2.13 0.00	55.27 2.59 0.00	58.43 3.18 0.00	57.63 3.20 0.00	54.51 3.34 0.00	52.59 3.65 0.00	51.87 3.63 0.00	47.58 3.67 0.00	46.60 3.59 0.00	41.38 3.24 -0.26	46.95 3.37 0.00	53.19 3.91 0.00	50.31 3.92 0.00	47.69 3.51 0.00	42.21 2.84 0.00	39.69 2.46 0.00	39.71 2.57 0.00	39.17 2.56 0.00

BARRETT_IC_5 23708	53.93 2.57 0.00	38.04 1.61 0.00	40.16 1.44 0.00	38.51 1.23 0.00	36.46 1.09 0.00	38.69 1.39 0.00	50.33 2.13 0.00	55.27 2.59 0.00	58.43 3.18 0.00	57.63 3.20 0.00	54.51 3.34 0.00	52.59 3.65 0.00	51.87 3.63 0.00	47.58 3.67 0.00	46.60 3.59 0.00	41.38 3.24 -0.26	46.95 3.37 0.00	53.19 3.91 0.00	50.31 3.92 0.00	47.69 3.51 0.00	42.21 2.84 0.00	39.69 2.46 0.00	39.71 2.57 0.00	39.17 2.56 0.00
BARRETT_IC_6 23709	53.93 2.57 0.00	38.04 1.61 0.00	40.16 1.44 0.00	38.51 1.23 0.00	36.46 1.09 0.00	38.69 1.39 0.00	50.33 2.13 0.00	55.27 2.59 0.00	58.43 3.18 0.00	57.63 3.20 0.00	54.51 3.34 0.00	52.59 3.65 0.00	51.87 3.63 0.00	47.58 3.67 0.00	46.60 3.59 0.00	41.38 3.24 -0.26	46.95 3.37 0.00	53.19 3.91 0.00	50.31 3.92 0.00	47.69 3.51 0.00	42.21 2.84 0.00	39.69 2.46 0.00	39.71 2.57 0.00	39.17 2.56 0.00
BARRETT_IC_7 23710	53.92 2.57 0.00	38.04 1.61 0.00	40.16 1.44 0.00	38.51 1.24 0.00	36.46 1.09 0.00	38.68 1.39 0.00	50.33 2.13 0.00	55.27 2.59 0.00	58.43 3.19 0.00	57.64 3.20 0.00	54.51 3.34 0.00	52.59 3.65 0.00	51.87 3.64 0.00	47.58 3.67 0.00	46.60 3.60 0.00	41.39 3.24 -0.26	46.95 3.37 0.00	53.20 3.92 0.00	50.31 3.92 0.00	47.69 3.50 0.00	42.21 2.84 0.00	39.69 2.46 0.00	39.71 2.57 0.00	39.17 2.56 0.00
BARRETT_IC_8 23711	53.93 2.57 0.00	38.04 1.61 0.00	40.16 1.44 0.00	38.51 1.23 0.00	36.46 1.09 0.00	38.69 1.39 0.00	50.33 2.13 0.00	55.27 2.59 0.00	58.43 3.18 0.00	57.63 3.20 0.00	54.51 3.34 0.00	52.59 3.65 0.00	51.87 3.63 0.00	47.58 3.67 0.00	46.60 3.59 0.00	41.38 3.24 -0.26	46.95 3.37 0.00	53.19 3.91 0.00	50.31 3.92 0.00	47.69 3.51 0.00	42.21 2.84 0.00	39.69 2.46 0.00	39.71 2.57 0.00	39.17 2.56 0.00
BARRETT_IC_9 23700	53.93 2.57 0.00	38.04 1.61 0.00	40.16 1.44 0.00	38.51 1.23 0.00	36.46 1.09 0.00	38.69 1.39 0.00	50.33 2.13 0.00	55.27 2.59 0.00	58.43 3.18 0.00	57.63 3.20 0.00	54.51 3.34 0.00	52.59 3.65 0.00	51.87 3.63 0.00	47.58 3.67 0.00	46.60 3.59 0.00	41.38 3.24 -0.26	46.95 3.37 0.00	53.19 3.91 0.00	50.31 3.92 0.00	47.69 3.51 0.00	42.21 2.84 0.00	39.69 2.46 0.00	39.71 2.57 0.00	39.17 2.56 0.00
BARRETT___1 23545	53.93 2.57 0.00	38.04 1.61 0.00	40.16 1.44 0.00	38.51 1.23 0.00	36.46 1.09 0.00	38.69 1.39 0.00	50.33 2.13 0.00	55.27 2.59 0.00	58.43 3.18 0.00	57.63 3.20 0.00	54.51 3.34 0.00	52.59 3.65 0.00	51.87 3.63 0.00	47.58 3.67 0.00	46.60 3.59 0.00	41.38 3.24 -0.26	46.95 3.37 0.00	53.19 3.91 0.00	50.31 3.92 0.00	47.69 3.51 0.00	42.21 2.84 0.00	39.69 2.46 0.00	39.71 2.57 0.00	39.17 2.56 0.00
BARRETT___2 23546	53.93 2.57 0.00	38.04 1.61 0.00	40.16 1.44 0.00	38.51 1.23 0.00	36.46 1.09 0.00	38.69 1.39 0.00	50.33 2.13 0.00	55.27 2.59 0.00	58.43 3.18 0.00	57.63 3.20 0.00	54.51 3.34 0.00	52.59 3.65 0.00	51.87 3.63 0.00	47.58 3.67 0.00	46.60 3.59 0.00	41.38 3.24 -0.26	46.95 3.37 0.00	53.19 3.91 0.00	50.31 3.92 0.00	47.69 3.51 0.00	42.21 2.84 0.00	39.69 2.46 0.00	39.71 2.57 0.00	39.17 2.56 0.00
BATAVIA___115KV_TB1 55881	50.84 -0.51 0.00	36.07 -0.35 0.00	38.42 -0.30 0.00	37.07 -0.21 0.00	35.10 -0.28 0.00	37.43 0.14 0.00	47.74 -0.46 0.00	51.23 -1.45 0.00	54.10 -1.14 0.00	53.22 -1.22 0.00	49.62 -1.55 0.00	47.13 -1.82 0.00	45.98 -2.26 0.00	42.07 -1.84 0.00	41.18 -1.83 0.00	36.46 -1.44 0.00	41.73 -1.85 0.00	47.32 -1.97 0.00	44.01 -1.91 0.47	42.32 -1.83 0.04	37.67 -1.70 0.00	35.82 -1.41 0.00	36.12 -1.02 0.00	36.00 -0.61 0.00
BAYONEEC___CTG1 323682	53.83 2.48 0.00	38.06 1.63 0.00	40.23 1.51 0.00	38.51 1.23 0.00	36.52 1.14 0.00	38.71 1.42 0.00	50.50 2.30 0.00	55.57 2.89 0.00	58.75 3.50 0.00	57.82 3.38 0.00	54.50 3.33 0.00	52.54 3.59 0.00	51.88 3.65 0.00	47.36 3.45 0.00	46.40 3.40 0.00	41.18 3.03 -0.26	46.86 3.28 0.00	53.08 3.79 0.00	50.09 3.70 0.00	47.55 3.36 0.00	42.16 2.79 0.00	39.69 2.47 0.00	39.57 2.43 0.00	39.02 2.40 0.00
BAYONEEC___CTG10 323750	53.83 2.48 0.00	38.06 1.63 0.00	40.23 1.51 0.00	38.51 1.23 0.00	36.52 1.14 0.00	38.71 1.42 0.00	50.50 2.30 0.00	55.57 2.89 0.00	58.75 3.50 0.00	57.82 3.38 0.00	54.50 3.33 0.00	52.54 3.59 0.00	51.88 3.65 0.00	47.36 3.45 0.00	46.40 3.40 0.00	41.18 3.03 -0.26	46.86 3.28 0.00	53.08 3.79 0.00	50.09 3.70 0.00	47.55 3.36 0.00	42.16 2.79 0.00	39.69 2.47 0.00	39.57 2.43 0.00	39.02 2.40 0.00
BAYONEEC___CTG2 323683	53.83 2.48 0.00	38.06 1.63 0.00	40.23 1.51 0.00	38.51 1.23 0.00	36.52 1.14 0.00	38.71 1.42 0.00	50.50 2.30 0.00	55.57 2.89 0.00	58.75 3.50 0.00	57.82 3.38 0.00	54.50 3.33 0.00	52.54 3.59 0.00	51.88 3.65 0.00	47.36 3.45 0.00	46.40 3.40 0.00	41.18 3.03 -0.26	46.86 3.28 0.00	53.08 3.79 0.00	50.09 3.70 0.00	47.55 3.36 0.00	42.16 2.79 0.00	39.69 2.47 0.00	39.57 2.43 0.00	39.02 2.40 0.00
BAYONEEC___CTG3 323684	53.83 2.48 0.00	38.06 1.63 0.00	40.23 1.51 0.00	38.51 1.23 0.00	36.52 1.14 0.00	38.71 1.42 0.00	50.50 2.30 0.00	55.57 2.89 0.00	58.75 3.50 0.00	57.82 3.38 0.00	54.50 3.33 0.00	52.54 3.59 0.00	51.88 3.65 0.00	47.36 3.45 0.00	46.40 3.40 0.00	41.18 3.03 -0.26	46.86 3.28 0.00	53.08 3.79 0.00	50.09 3.70 0.00	47.55 3.36 0.00	42.16 2.79 0.00	39.69 2.47 0.00	39.57 2.43 0.00	39.02 2.40 0.00
BAYONEEC___CTG4 323685	53.83 2.48 0.00	38.06 1.63 0.00	40.23 1.51 0.00	38.51 1.23 0.00	36.52 1.14 0.00	38.71 1.42 0.00	50.50 2.30 0.00	55.57 2.89 0.00	58.75 3.50 0.00	57.82 3.38 0.00	54.50 3.33 0.00	52.54 3.59 0.00	51.88 3.65 0.00	47.36 3.45 0.00	46.40 3.40 0.00	41.18 3.03 -0.26	46.86 3.28 0.00	53.08 3.79 0.00	50.09 3.70 0.00	47.55 3.36 0.00	42.16 2.79 0.00	39.69 2.47 0.00	39.57 2.43 0.00	39.02 2.40 0.00
BAYONEEC___CTG5 323686	53.83 2.48 0.00	38.06 1.63 0.00	40.23 1.51 0.00	38.51 1.23 0.00	36.52 1.14 0.00	38.71 1.42 0.00	50.50 2.30 0.00	55.57 2.89 0.00	58.75 3.50 0.00	57.82 3.38 0.00	54.50 3.33 0.00	52.54 3.59 0.00	51.88 3.65 0.00	47.36 3.45 0.00	46.40 3.40 0.00	41.18 3.03 -0.26	46.86 3.28 0.00	53.08 3.79 0.00	50.09 3.70 0.00	47.55 3.36 0.00	42.16 2.79 0.00	39.69 2.47 0.00	39.57 2.43 0.00	39.02 2.40 0.00
BAYONEEC___CTG6 323687	53.83 2.48 0.00	38.06 1.63 0.00	40.23 1.51 0.00	38.51 1.23 0.00	36.52 1.14 0.00	38.71 1.42 0.00	50.50 2.30 0.00	55.57 2.89 0.00	58.75 3.50 0.00	57.82 3.38 0.00	54.50 3.33 0.00	52.54 3.59 0.00	51.88 3.65 0.00	47.36 3.45 0.00	46.40 3.40 0.00	41.18 3.03 -0.26	46.86 3.28 0.00	53.08 3.79 0.00	50.09 3.70 0.00	47.55 3.36 0.00	42.16 2.79 0.00	39.69 2.47 0.00	39.57 2.43 0.00	39.02 2.40 0.00

BAYONEEC___CTG7 323688	53.83 2.48 0.00	38.06 1.63 0.00	40.23 1.51 0.00	38.51 1.23 0.00	36.52 1.14 0.00	38.71 1.42 0.00	50.50 2.30 0.00	55.57 2.89 0.00	58.75 3.50 0.00	57.82 3.38 0.00	54.50 3.33 0.00	52.54 3.59 0.00	51.88 3.65 0.00	47.36 3.45 0.00	46.40 3.40 0.00	41.18 3.03 -0.26	46.86 3.28 0.00	53.08 3.79 0.00	50.09 3.70 0.00	47.55 3.36 0.00	42.16 2.79 0.00	39.69 2.47 0.00	39.57 2.43 0.00	39.02 2.40 0.00
BAYONEEC___CTG8 323689	53.83 2.48 0.00	38.06 1.63 0.00	40.23 1.51 0.00	38.51 1.23 0.00	36.52 1.14 0.00	38.71 1.42 0.00	50.50 2.30 0.00	55.57 2.89 0.00	58.75 3.50 0.00	57.82 3.38 0.00	54.50 3.33 0.00	52.54 3.59 0.00	51.88 3.65 0.00	47.36 3.45 0.00	46.40 3.40 0.00	41.18 3.03 -0.26	46.86 3.28 0.00	53.08 3.79 0.00	50.09 3.70 0.00	47.55 3.36 0.00	42.16 2.79 0.00	39.69 2.47 0.00	39.57 2.43 0.00	39.02 2.40 0.00
BAYONEEC___CTG9 323749	53.83 2.48 0.00	38.06 1.63 0.00	40.23 1.51 0.00	38.51 1.23 0.00	36.52 1.14 0.00	38.71 1.42 0.00	50.50 2.30 0.00	55.57 2.89 0.00	58.75 3.50 0.00	57.82 3.38 0.00	54.50 3.33 0.00	52.54 3.59 0.00	51.88 3.65 0.00	47.36 3.45 0.00	46.40 3.40 0.00	41.18 3.03 -0.26	46.86 3.28 0.00	53.08 3.79 0.00	50.09 3.70 0.00	47.55 3.36 0.00	42.16 2.79 0.00	39.69 2.47 0.00	39.57 2.43 0.00	39.02 2.40 0.00
BEACON___LESR 323632	53.26 1.91 0.00	37.71 1.29 0.00	40.10 1.38 0.00	38.54 1.27 0.00	36.52 1.14 0.00	38.18 0.89 0.00	49.62 1.42 0.00	54.36 1.69 0.00	57.15 1.90 0.00	56.19 1.76 0.00	53.03 1.86 0.00	50.74 1.79 0.00	50.10 1.86 0.00	45.70 1.79 0.00	44.62 1.61 0.00	39.29 1.35 -0.06	45.18 1.60 0.00	51.24 1.96 0.00	48.25 1.86 0.00	45.98 1.79 0.00	41.00 1.63 0.00	38.51 1.29 0.00	38.37 1.23 0.00	37.69 1.07 0.00
BEAVER RIVER___HYD 24048	48.64 -2.71 0.00	34.58 -1.85 0.00	36.82 -1.90 0.00	35.94 -1.33 0.00	34.35 -1.03 0.00	36.20 -1.10 0.00	47.34 -0.86 0.00	52.12 -0.56 0.00	55.65 0.40 0.00	55.11 0.68 0.00	52.03 0.87 0.00	49.07 0.13 0.00	48.72 0.48 0.00	44.31 0.40 0.00	43.54 0.53 0.00	37.67 -0.22 0.00	42.59 -0.98 0.00	46.98 -2.31 0.00	44.71 -1.68 0.00	42.48 -1.70 0.00	36.94 -2.42 0.00	34.88 -2.35 0.00	34.55 -2.59 0.00	34.28 -2.33 0.00
BEEBEE_GT_13 23619	49.88 -1.47 0.00	35.38 -1.04 0.00	37.66 -1.06 0.00	36.30 -0.98 0.00	34.40 -0.98 0.00	36.55 -0.75 0.00	46.79 -1.41 0.00	50.52 -2.16 0.00	53.26 -1.99 0.00	52.39 -2.04 0.00	49.02 -2.15 0.00	46.64 -2.30 0.00	45.66 -2.58 0.00	41.69 -2.22 0.00	40.83 -2.18 0.00	36.12 -1.77 0.00	41.45 -2.12 0.00	46.97 -2.31 0.00	44.18 -2.21 0.00	42.10 -2.09 0.00	37.51 -1.86 0.00	35.60 -1.63 0.00	35.76 -1.38 0.00	35.51 -1.10 0.00
BENSHRST_27_KV_BENSHRST_1 355998	54.41 3.06 0.00	38.46 2.04 0.00	40.64 1.92 0.00	38.92 1.64 0.00	36.90 1.52 0.00	39.08 1.78 0.00	50.95 2.76 0.00	56.07 3.40 0.00	59.22 3.98 0.00	58.29 3.85 0.00	54.92 3.75 0.00	53.01 4.06 0.00	52.35 4.11 0.00	47.78 3.87 0.00	46.82 3.82 0.00	41.52 3.37 -0.26	47.26 3.69 0.00	53.54 4.25 0.00	50.54 4.15 0.00	48.03 3.84 0.00	42.55 3.18 0.00	40.08 2.85 0.00	39.94 2.81 0.00	39.39 2.77 0.00
BETHLEHEM___GRP 23843	52.37 1.02 0.00	37.16 0.73 0.00	39.50 0.78 0.00	37.95 0.68 0.00	35.98 0.60 0.00	37.51 0.22 0.00	48.53 0.33 0.00	53.17 0.50 0.00	55.96 0.71 0.00	55.12 0.68 0.00	51.89 0.72 0.00	49.75 0.81 0.00	49.04 0.80 0.00	44.72 0.81 0.00	43.77 0.76 0.00	38.54 0.59 -0.06	44.22 0.65 0.00	50.01 0.72 0.00	47.08 0.69 0.00	44.94 0.75 0.00	40.05 0.68 0.00	37.75 0.53 0.00	37.60 0.46 0.00	37.01 0.40 0.00
BETHLEHEM___GS1 323560	52.37 1.02 0.00	37.16 0.73 0.00	39.50 0.78 0.00	37.95 0.68 0.00	35.98 0.60 0.00	37.51 0.22 0.00	48.53 0.33 0.00	53.17 0.49 0.00	55.96 0.71 0.00	55.12 0.68 0.00	51.89 0.72 0.00	49.75 0.81 0.00	49.04 0.80 0.00	44.72 0.81 0.00	43.77 0.76 0.00	38.54 0.59 -0.06	44.22 0.65 0.00	50.01 0.72 0.00	47.08 0.69 0.00	44.94 0.75 0.00	40.05 0.68 0.00	37.75 0.53 0.00	37.60 0.46 0.00	37.01 0.40 0.00
BETHLEHEM___GS2 323561	52.37 1.02 0.00	37.16 0.73 0.00	39.50 0.78 0.00	37.95 0.68 0.00	35.98 0.60 0.00	37.51 0.22 0.00	48.53 0.33 0.00	53.17 0.49 0.00	55.96 0.71 0.00	55.12 0.68 0.00	51.89 0.72 0.00	49.75 0.81 0.00	49.04 0.80 0.00	44.72 0.81 0.00	43.77 0.76 0.00	38.54 0.59 -0.06	44.22 0.65 0.00	50.01 0.72 0.00	47.08 0.69 0.00	44.94 0.75 0.00	40.05 0.68 0.00	37.75 0.53 0.00	37.60 0.46 0.00	37.01 0.40 0.00
BETHLEHEM___GS3 323562	52.37 1.02 0.00	37.16 0.73 0.00	39.50 0.78 0.00	37.95 0.68 0.00	35.98 0.60 0.00	37.51 0.22 0.00	48.53 0.33 0.00	53.17 0.49 0.00	55.96 0.71 0.00	55.12 0.68 0.00	51.89 0.72 0.00	49.75 0.81 0.00	49.04 0.80 0.00	44.72 0.81 0.00	43.77 0.76 0.00	38.54 0.59 -0.06	44.22 0.65 0.00	50.01 0.72 0.00	47.08 0.69 0.00	44.94 0.75 0.00	40.05 0.68 0.00	37.75 0.53 0.00	37.60 0.46 0.00	37.01 0.40 0.00
BETHLEHEM___STEEL 23779	50.47 -0.88 0.00	35.86 -0.57 0.00	38.27 -0.46 0.00	36.93 -0.35 0.00	34.92 -0.46 0.00	37.18 -0.11 0.00	47.15 -1.05 0.00	50.44 -2.24 0.00	53.24 -2.00 0.00	52.33 -2.11 0.00	48.79 -2.38 0.00	46.27 -2.68 0.00	45.02 -3.22 0.00	41.16 -2.75 0.00	40.30 -2.71 0.00	35.58 -2.31 0.00	40.66 -2.91 0.00	46.07 -3.21 0.00	42.38 -3.13 0.88	41.15 -2.97 0.07	36.70 -2.67 0.00	35.01 -2.22 0.00	35.39 -1.75 0.00	35.35 -1.26 0.00
BETHLHEM_115KV_TB1 79974	52.42 1.07 0.00	37.20 0.77 0.00	39.54 0.81 0.00	37.99 0.71 0.00	36.02 0.64 0.00	37.61 0.32 0.00	48.65 0.45 0.00	53.28 0.61 0.00	56.08 0.83 0.00	55.25 0.81 0.00	52.00 0.83 0.00	49.86 0.91 0.00	49.14 0.91 0.00	44.81 0.90 0.00	43.86 0.85 0.00	38.63 0.68 -0.06	44.32 0.74 0.00	50.12 0.83 0.00	47.19 0.80 0.00	45.04 0.85 0.00	40.13 0.76 0.00	37.83 0.61 0.00	37.70 0.56 0.00	37.10 0.49 0.00
BETHPAGE_CC_5 323564	54.10 2.75 0.00	38.13 1.71 0.00	40.24 1.52 0.00	38.58 1.31 0.00	36.56 1.18 0.00	38.83 1.54 0.00	50.56 2.36 0.00	55.40 2.72 0.00	58.62 3.37 0.00	57.82 3.39 0.00	54.66 3.49 0.00	52.75 3.81 0.00	52.02 3.79 0.00	47.67 3.77 0.00	46.71 3.70 0.00	41.53 3.38 -0.26	47.20 3.62 0.00	53.45 4.16 0.00	50.57 4.18 0.00	47.93 3.74 0.00	42.44 3.07 0.00	39.89 2.66 0.00	39.87 2.73 0.00	39.29 2.67 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	50.83 -0.52 0.00	36.09 -0.33 0.00	38.53 -0.19 0.00	37.18 -0.10 0.00	35.16 -0.22 0.00	37.45 0.16 0.00	47.50 -0.71 0.00	50.86 -1.82 0.00	53.69 -1.56 0.00	52.74 -1.70 0.00	49.19 -1.98 0.00	46.66 -2.28 0.00	45.43 -2.80 0.00	41.49 -2.41 0.00	40.63 -2.37 0.00	35.89 -2.01 0.00	41.01 -2.57 0.00	46.47 -2.82 0.00	42.82 -2.74 0.84	41.51 -2.62 0.06	37.01 -2.35 0.00	35.31 -1.91 0.00	35.68 -1.46 0.00	35.62 -0.99 0.00

BINGHAMTON___COGEN 23790	51.24 -0.11 0.00	36.16 -0.27 0.00	38.60 -0.13 0.00	37.27 -0.01 0.00	35.33 -0.05 0.00	37.36 0.07 0.00	48.09 -0.11 0.00	52.65 -0.03 0.00	55.25 0.01 0.00	54.44 0.00 0.00	51.09 -0.08 0.00	48.89 -0.05 0.00	47.98 -0.26 0.00	43.70 -0.20 0.00	42.80 -0.20 0.00	37.67 -0.19 0.03	43.09 -0.49 0.00	48.99 -0.29 0.00	46.27 -0.22 -0.10	43.93 -0.27 -0.01	39.08 -0.29 0.00	36.96 -0.27 0.00	36.87 -0.26 0.00	36.47 -0.15 0.00
BIXINCNT_115KV_LOAD 355685	51.81 0.46 0.00	36.66 0.23 0.00	39.27 0.55 0.00	37.98 0.71 0.00	36.01 0.63 0.00	38.26 0.96 0.00	48.49 0.28 0.00	52.22 -0.46 0.00	55.14 -0.10 0.00	53.52 -0.92 0.00	50.16 -1.01 0.00	47.73 -1.22 0.00	46.41 -1.83 0.00	41.74 -2.17 0.00	41.11 -1.90 0.00	36.14 -1.75 0.00	41.39 -2.19 0.00	46.73 -2.55 0.00	43.35 -2.47 0.58	41.73 -2.42 0.04	37.14 -2.22 0.00	35.75 -1.47 0.00	35.93 -1.21 0.00	35.83 -0.79 0.00
BLACK RIVER___HYD 24047	48.49 -2.86 0.00	34.40 -2.02 0.00	36.64 -2.09 0.00	35.78 -1.50 0.00	34.33 -1.05 0.00	36.42 -0.88 0.00	47.59 -0.61 0.00	52.44 -0.24 0.00	55.89 0.65 0.00	55.45 1.02 0.00	52.35 1.18 0.00	49.16 0.21 0.00	48.96 0.73 0.00	44.53 0.63 0.00	43.79 0.78 0.00	37.99 0.10 0.00	42.94 -0.63 0.00	47.40 -1.88 0.00	45.13 -1.26 0.00	42.85 -1.34 0.00	37.35 -2.01 0.00	35.33 -1.89 0.00	34.88 -2.26 0.00	34.46 -2.15 0.00
BLACKRVR_115KV_TB2 79977	48.49 -2.86 0.00	34.40 -2.02 0.00	36.64 -2.09 0.00	35.78 -1.50 0.00	34.34 -1.04 0.00	36.42 -0.88 0.00	47.59 -0.61 0.00	52.44 -0.24 0.00	55.89 0.64 0.00	55.45 1.01 0.00	52.35 1.18 0.00	49.16 0.21 0.00	48.96 0.72 0.00	44.53 0.62 0.00	43.80 0.79 0.00	37.99 0.10 0.00	42.95 -0.63 0.00	47.40 -1.88 0.00	45.13 -1.26 0.00	42.85 -1.34 0.00	37.35 -2.01 0.00	35.33 -1.89 0.00	34.88 -2.26 0.00	34.46 -2.15 0.00
BLISS_WT_PWR 323608	51.73 0.38 0.00	36.58 0.16 0.00	39.22 0.50 0.00	37.94 0.66 0.00	35.97 0.59 0.00	38.20 0.91 0.00	48.42 0.22 0.00	52.16 -0.52 0.00	55.09 -0.16 0.00	53.37 -1.06 0.00	50.09 -1.08 0.00	47.67 -1.28 0.00	46.31 -1.93 0.00	41.58 -2.33 0.00	40.97 -2.04 0.00	36.00 -1.89 0.00	41.24 -2.33 0.00	46.55 -2.73 0.00	43.18 -2.63 0.58	41.57 -2.57 0.04	36.98 -2.38 0.00	35.64 -1.59 0.00	35.79 -1.35 0.00	35.70 -0.91 0.00
BLUESTONE___WT_PWR 323821	50.41 -0.93 0.00	35.57 -0.86 0.00	38.36 -0.36 0.00	37.39 0.11 0.00	35.37 0.00 0.00	37.27 -0.03 0.00	48.39 0.18 0.00	55.26 2.59 0.00	59.01 3.76 0.00	58.24 3.81 0.00	55.01 3.84 0.00	51.50 2.56 0.00	50.49 2.26 0.00	46.87 2.96 0.00	46.19 3.19 0.00	39.68 1.86 0.08	44.40 0.82 0.00	49.79 0.50 0.00	47.45 1.07 0.00	44.81 0.63 0.00	39.19 -0.18 0.00	36.70 -0.52 0.00	36.54 -0.60 0.00	36.40 -0.21 0.00
BLUE_CIRC_CHEM_DRP 24182	52.93 1.58 0.00	37.57 1.14 0.00	39.97 1.24 0.00	38.42 1.14 0.00	36.45 1.07 0.00	38.15 0.86 0.00	49.27 1.07 0.00	53.91 1.23 0.00	56.66 1.41 0.00	55.80 1.37 0.00	52.50 1.33 0.00	50.28 1.34 0.00	49.55 1.32 0.00	45.18 1.28 0.00	44.24 1.24 0.00	38.97 1.03 -0.05	44.73 1.15 0.00	50.57 1.28 0.00	47.60 1.21 0.00	45.43 1.24 0.00	40.49 1.12 0.00	38.21 0.98 0.00	38.08 0.94 0.00	37.52 0.90 0.00
BOC_GAS_DRP 24189	52.46 1.12 0.00	37.22 0.79 0.00	39.57 0.85 0.00	38.03 0.75 0.00	36.08 0.70 0.00	37.83 0.53 0.00	48.89 0.69 0.00	53.54 0.86 0.00	56.33 1.09 0.00	55.48 1.05 0.00	52.22 1.05 0.00	50.06 1.12 0.00	49.33 1.10 0.00	44.97 1.06 0.00	44.03 1.03 0.00	38.80 0.85 -0.06	44.49 0.91 0.00	50.34 1.05 0.00	47.40 1.01 0.00	45.20 1.01 0.00	40.26 0.90 0.00	37.98 0.75 0.00	37.87 0.73 0.00	37.30 0.69 0.00
BOONVILLE_115KV_TB1 79983	50.94 -0.41 0.00	36.17 -0.26 0.00	38.49 -0.23 0.00	37.29 0.01 0.00	35.56 0.18 0.00	37.56 0.27 0.00	48.88 0.69 0.00	53.65 0.98 0.00	56.74 1.49 0.00	56.05 1.62 0.00	52.72 1.55 0.00	50.12 1.17 0.00	49.53 1.29 0.00	45.13 1.22 0.00	44.26 1.26 0.00	38.69 0.80 0.00	44.15 0.58 0.00	49.46 0.17 0.00	46.84 0.45 0.00	44.55 0.36 0.00	39.25 -0.12 0.00	37.05 -0.17 0.00	36.79 -0.35 0.00	36.28 -0.33 0.00
BORALEX_4TH_BRANCH 23824	54.64 3.29 0.00	38.75 2.33 0.00	41.15 2.43 0.00	39.55 2.27 0.00	37.51 2.13 0.00	39.42 2.13 0.00	51.00 2.80 0.00	55.75 3.07 0.00	58.73 3.49 0.00	57.84 3.41 0.00	54.45 3.28 0.00	52.23 3.28 0.00	51.38 3.15 0.00	46.91 3.00 0.00	45.83 2.83 0.00	40.26 2.30 -0.07	46.10 2.53 0.00	52.20 2.91 0.00	49.13 2.74 0.00	46.83 2.64 0.00	41.88 2.52 0.00	39.60 2.37 0.00	39.48 2.34 0.00	38.74 2.13 0.00
BOWLINE___1 23526	53.04 1.69 0.00	37.53 1.11 0.00	39.69 0.97 0.00	38.09 0.81 0.00	36.27 0.88 0.00	38.34 1.04 0.00	49.88 1.68 0.00	54.85 2.17 0.00	57.86 2.61 0.00	56.95 2.51 0.00	53.66 2.49 0.00	51.64 2.69 0.00	50.97 2.74 0.00	46.45 2.54 0.00	45.51 2.51 0.00	39.65 2.21 0.44	45.98 2.40 0.00	52.15 2.86 0.00	49.18 2.79 0.00	46.68 2.49 0.00	41.41 2.04 0.00	39.00 1.78 0.00	38.94 1.80 0.00	38.42 1.81 0.00
BOWLINE___2 23595	53.12 1.77 0.00	37.57 1.14 0.00	39.74 1.01 0.00	38.14 0.86 0.00	36.28 0.90 0.00	38.38 1.08 0.00	49.95 1.75 0.00	54.94 2.26 0.00	57.94 2.70 0.00	57.03 2.60 0.00	53.74 2.57 0.00	51.70 2.76 0.00	51.03 2.80 0.00	46.52 2.61 0.00	45.57 2.57 0.00	39.71 2.26 0.44	46.05 2.47 0.00	52.22 2.94 0.00	49.24 2.85 0.00	46.74 2.55 0.00	41.46 2.09 0.00	39.06 1.84 0.00	38.99 1.85 0.00	38.47 1.85 0.00
BRADY___115KV_TB2 356060	51.30 -0.05 0.00	36.59 0.16 0.00	38.78 0.05 0.00	37.62 0.34 0.00	35.27 -0.11 0.00	36.56 -0.73 0.00	47.78 -0.42 0.00	52.87 0.19 0.00	56.76 1.51 0.00	55.93 1.49 0.00	53.23 2.06 0.00	50.79 1.84 0.00	49.85 1.62 0.00	45.15 1.25 0.00	44.27 1.26 0.00	38.12 0.23 0.00	43.14 -0.44 0.00	47.86 -1.43 0.00	45.08 -1.31 0.00	42.71 -1.47 0.00	37.28 -2.09 0.00	35.06 -2.17 0.00	35.20 -1.94 0.00	36.72 -0.95 -1.06
BRANSCOMB___SOLAR 323811	54.71 3.36 0.00	38.73 2.31 0.00	41.15 2.43 0.00	39.58 2.30 0.00	37.55 2.17 0.00	39.51 2.21 0.00	51.05 2.85 0.00	56.03 3.35 0.00	59.02 3.77 0.00	58.12 3.68 0.00	54.65 3.48 0.00	52.36 3.41 0.00	51.58 3.34 0.00	47.06 3.15 0.00	46.04 3.03 0.00	40.50 2.56 -0.06	46.58 3.00 0.00	52.68 3.40 0.00	49.59 3.20 0.00	47.32 3.13 0.00	42.12 2.75 0.00	39.76 2.54 0.00	39.54 2.41 0.00	38.79 2.18 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	54.51 3.16 0.00	38.40 1.98 0.00	40.51 1.79 0.00	38.86 1.58 0.00	36.80 1.42 0.00	39.12 1.83 0.00	50.94 2.74 0.00	55.88 3.20 0.00	59.17 3.92 0.00	58.45 4.01 0.00	55.37 4.20 0.00	53.48 4.53 0.00	52.72 4.49 0.00	48.38 4.47 0.00	47.40 4.39 0.00	42.20 4.05 -0.26	47.82 4.24 0.00	54.17 4.88 0.00	51.38 4.99 0.00	48.65 4.46 0.00	43.03 3.66 0.00	40.36 3.13 0.00	40.37 3.23 0.00	39.76 3.14 0.00

BRISTLHL_115KV_TB1 79998	49.83 -1.52 0.00	35.30 -1.13 0.00	37.56 -1.16 0.00	36.18 -1.09 0.00	34.34 -1.04 0.00	36.28 -1.01 0.00	46.78 -1.42 0.00	51.09 -1.58 0.00	53.64 -1.61 0.00	52.75 -1.69 0.00	49.43 -1.74 0.00	47.15 -1.80 0.00	46.33 -1.90 0.00	42.17 -1.74 0.00	41.29 -1.72 0.00	36.39 -1.50 0.00	41.76 -1.81 0.00	47.27 -2.02 0.00	44.55 -1.84 0.00	42.47 -1.71 0.00	38.03 -1.34 0.00	36.09 -1.13 0.00	36.02 -1.12 0.00	35.58 -1.03 0.00
BROOKHAVEN___DRP 24191	54.06 2.71 0.00	38.05 1.62 0.00	40.11 1.39 0.00	38.47 1.19 0.00	36.45 1.07 0.00	38.78 1.49 0.00	50.56 2.36 0.00	55.40 2.73 0.00	58.68 3.44 0.00	58.01 3.58 0.00	54.95 3.78 0.00	53.32 4.37 0.00	52.65 4.42 0.00	48.34 4.44 0.00	47.18 4.18 0.00	42.22 4.07 -0.26	47.93 4.35 0.00	54.31 5.02 0.00	51.44 5.05 0.00	48.65 4.46 0.00	42.89 3.52 0.00	40.15 2.93 0.00	40.14 2.99 0.00	39.49 2.88 0.00
BROOKLYN_NAVY_YARD 23515	53.72 2.37 0.00	37.97 1.54 0.00	40.14 1.42 0.00	38.43 1.15 0.00	36.43 1.05 0.00	38.65 1.36 0.00	50.41 2.21 0.00	55.49 2.81 0.00	58.68 3.43 0.00	57.75 3.31 0.00	54.41 3.25 0.00	52.45 3.50 0.00	51.77 3.53 0.00	47.26 3.35 0.00	46.29 3.28 0.00	41.10 2.95 -0.26	46.79 3.22 0.00	53.02 3.74 0.00	50.02 3.63 0.00	47.48 3.30 0.00	42.10 2.74 0.00	39.64 2.41 0.00	39.53 2.39 0.00	38.96 2.35 0.00
BROOKLYN___ARMY_DRP 323595	54.15 2.80 0.00	38.29 1.86 0.00	40.47 1.75 0.00	38.75 1.47 0.00	36.75 1.37 0.00	38.90 1.60 0.00	50.71 2.51 0.00	55.78 3.11 0.00	58.91 3.66 0.00	57.97 3.54 0.00	54.63 3.46 0.00	52.72 3.77 0.00	52.06 3.82 0.00	47.51 3.61 0.00	46.55 3.54 0.00	41.29 3.14 -0.26	46.98 3.40 0.00	53.23 3.95 0.00	50.26 3.87 0.00	47.75 3.56 0.00	42.31 2.94 0.00	39.86 2.63 0.00	39.73 2.59 0.00	39.19 2.58 0.00
BROOKVLE_69_KV_TB1 55790	54.17 2.82 0.00	38.24 1.82 0.00	40.38 1.66 0.00	38.70 1.42 0.00	36.71 1.33 0.00	38.95 1.65 0.00	50.76 2.56 0.00	55.77 3.09 0.00	58.98 3.73 0.00	58.15 3.72 0.00	54.91 3.73 0.00	52.96 4.01 0.00	52.24 4.01 0.00	47.80 3.89 0.00	46.82 3.82 0.00	41.57 3.42 -0.26	47.30 3.73 0.00	53.59 4.30 0.00	50.63 4.24 0.00	48.00 3.81 0.00	42.51 3.14 0.00	39.98 2.76 0.00	39.91 2.77 0.00	39.31 2.70 0.00
BROOME_2_LFGE 323671	51.24 -0.11 0.00	36.16 -0.27 0.00	38.60 -0.13 0.00	37.27 0.00 0.00	35.33 -0.05 0.00	37.36 0.07 0.00	48.09 -0.11 0.00	52.65 -0.02 0.00	55.26 0.01 0.00	54.44 0.00 0.00	51.09 -0.08 0.00	48.89 -0.05 0.00	47.98 -0.25 0.00	43.71 -0.20 0.00	42.80 -0.20 0.00	37.68 -0.18 0.03	43.09 -0.48 0.00	49.00 -0.29 0.00	46.27 -0.22 -0.10	43.92 -0.27 -0.01	39.08 -0.29 0.00	36.95 -0.27 0.00	36.87 -0.27 0.00	36.47 -0.14 0.00
BROOME___LFGE 323600	51.24 -0.11 0.00	36.16 -0.27 0.00	38.60 -0.13 0.00	37.27 0.00 0.00	35.33 -0.05 0.00	37.36 0.07 0.00	48.09 -0.11 0.00	52.65 -0.02 0.00	55.26 0.01 0.00	54.44 0.00 0.00	51.09 -0.08 0.00	48.89 -0.05 0.00	47.98 -0.25 0.00	43.71 -0.20 0.00	42.80 -0.20 0.00	37.68 -0.18 0.03	43.09 -0.48 0.00	49.00 -0.29 0.00	46.27 -0.22 -0.10	43.92 -0.27 -0.01	39.08 -0.29 0.00	36.95 -0.27 0.00	36.87 -0.27 0.00	36.47 -0.14 0.00
BROWNFLS_115KV_TB_3_5 80003	48.85 -2.50 0.00	34.78 -1.65 0.00	36.95 -1.78 0.00	35.98 -1.30 0.00	34.08 -1.30 0.00	35.55 -1.75 0.00	46.39 -1.81 0.00	51.14 -1.54 0.00	54.80 -0.45 0.00	54.15 -0.28 0.00	51.37 0.20 0.00	48.73 -0.22 0.00	48.13 -0.11 0.00	43.65 -0.26 0.00	42.82 -0.19 0.00	36.92 -0.97 0.00	41.65 -1.93 0.00	45.99 -3.30 0.00	43.56 -2.83 0.00	41.35 -2.84 0.00	36.03 -3.34 0.00	33.98 -3.25 0.00	33.94 -3.20 0.00	34.80 -2.53 -0.72
BROWNSV1_27_KV_LOAD 356125	54.30 2.96 0.00	38.38 1.95 0.00	40.56 1.84 0.00	38.83 1.54 0.00	36.80 1.42 0.00	39.04 1.75 0.00	50.95 2.75 0.00	56.09 3.41 0.00	59.32 4.08 0.00	58.40 3.97 0.00	55.06 3.89 0.00	53.07 4.13 0.00	52.38 4.15 0.00	47.82 3.92 0.00	46.85 3.84 0.00	41.58 3.43 -0.26	47.33 3.76 0.00	53.62 4.34 0.00	50.58 4.19 0.00	48.01 3.82 0.00	42.56 3.20 0.00	40.08 2.85 0.00	39.94 2.80 0.00	39.37 2.76 0.00
BURROWS___LYONSDAL 23803	50.27 -1.09 0.00	35.71 -0.72 0.00	38.01 -0.71 0.00	36.93 -0.35 0.00	35.25 -0.13 0.00	37.23 -0.06 0.00	48.53 0.33 0.00	53.30 0.63 0.00	56.52 1.28 0.00	55.89 1.45 0.00	52.59 1.42 0.00	49.86 0.92 0.00	49.37 1.13 0.00	44.96 1.06 0.00	44.13 1.13 0.00	38.46 0.57 0.00	43.79 0.22 0.00	48.84 -0.44 0.00	46.35 -0.04 0.00	44.07 -0.12 0.00	38.66 -0.71 0.00	36.50 -0.73 0.00	36.19 -0.95 0.00	35.73 -0.88 0.00
CAITHNESS_CC_1 323624	53.98 2.63 0.00	38.00 1.58 0.00	40.08 1.35 0.00	38.43 1.15 0.00	36.41 1.03 0.00	38.72 1.43 0.00	50.46 2.26 0.00	55.30 2.62 0.00	58.57 3.32 0.00	57.87 3.44 0.00	54.83 3.66 0.00	53.13 4.19 0.00	52.46 4.23 0.00	48.17 4.26 0.00	47.06 4.06 0.00	42.04 3.90 -0.26	47.72 4.14 0.00	54.07 4.79 0.00	51.21 4.82 0.00	48.45 4.26 0.00	42.75 3.39 0.00	40.05 2.82 0.00	40.06 2.92 0.00	39.44 2.83 0.00
CALPINE BETH_PAGE_GT4 24209	54.17 2.82 0.00	38.18 1.76 0.00	40.30 1.57 0.00	38.63 1.35 0.00	36.61 1.23 0.00	38.89 1.59 0.00	50.64 2.44 0.00	55.42 2.74 0.00	58.64 3.39 0.00	57.84 3.40 0.00	54.69 3.52 0.00	52.79 3.84 0.00	52.05 3.82 0.00	47.69 3.79 0.00	46.73 3.73 0.00	41.54 3.39 -0.26	47.20 3.63 0.00	53.47 4.18 0.00	50.60 4.21 0.00	47.94 3.75 0.00	42.44 3.07 0.00	39.87 2.65 0.00	39.85 2.71 0.00	39.25 2.64 0.00
CALPINE_BETH_PAGE_GT_4 323586	54.17 2.82 0.00	38.18 1.76 0.00	40.30 1.58 0.00	38.63 1.35 0.00	36.61 1.23 0.00	38.89 1.59 0.00	50.64 2.44 0.00	55.42 2.74 0.00	58.64 3.39 0.00	57.85 3.41 0.00	54.69 3.51 0.00	52.79 3.84 0.00	52.05 3.82 0.00	47.70 3.79 0.00	46.73 3.73 0.00	41.54 3.39 -0.26	47.20 3.63 0.00	53.47 4.19 0.00	50.59 4.20 0.00	47.94 3.75 0.00	42.44 3.07 0.00	39.87 2.65 0.00	39.85 2.71 0.00	39.25 2.64 0.00
CALPINE_BP_GT1 23823	54.17 2.82 0.00	38.18 1.76 0.00	40.30 1.58 0.00	38.63 1.35 0.00	36.61 1.23 0.00	38.89 1.59 0.00	50.64 2.44 0.00	55.42 2.74 0.00	58.64 3.39 0.00	57.85 3.41 0.00	54.69 3.51 0.00	52.79 3.84 0.00	52.05 3.82 0.00	47.70 3.79 0.00	46.73 3.73 0.00	41.54 3.39 -0.26	47.20 3.63 0.00	53.47 4.19 0.00	50.59 4.20 0.00	47.94 3.75 0.00	42.44 3.07 0.00	39.87 2.65 0.00	39.85 2.71 0.00	39.25 2.64 0.00
CALSPAN___DRP 24200	50.47 -0.88 0.00	35.86 -0.57 0.00	38.27 -0.46 0.00	36.93 -0.35 0.00	34.92 -0.46 0.00	37.18 -0.11 0.00	47.15 -1.05 0.00	50.44 -2.24 0.00	53.24 -2.00 0.00	52.33 -2.11 0.00	48.79 -2.38 0.00	46.27 -2.68 0.00	45.02 -3.22 0.00	41.16 -2.75 0.00	40.30 -2.71 0.00	35.58 -2.31 0.00	40.66 -2.91 0.00	46.07 -3.21 0.00	42.38 -3.13 0.88	41.15 -2.97 0.07	36.70 -2.67 0.00	35.01 -2.22 0.00	35.39 -1.75 0.00	35.35 -1.26 0.00

CALVERTON___SOLAR 323806	54.10 2.75 0.00	38.07 1.65 0.00	40.12 1.40 0.00	38.47 1.20 0.00	36.46 1.08 0.00	38.82 1.53 0.00	50.62 2.42 0.00	55.48 2.81 0.00	58.78 3.53 0.00	58.10 3.67 0.00	55.05 3.88 0.00	53.50 4.55 0.00	52.84 4.61 0.00	48.55 4.64 0.00	47.34 4.34 0.00	42.38 4.24 -0.26	48.14 4.57 0.00	54.56 5.27 0.00	51.67 5.28 0.00	48.85 4.66 0.00	43.01 3.64 0.00	40.24 3.02 0.00	40.17 3.03 0.00	39.52 2.91 0.00
CANDIGU_WT_PWR 323617	49.51 -1.84 0.00	35.28 -1.14 0.00	38.19 -0.54 0.00	37.05 -0.23 0.00	35.11 -0.27 0.00	37.30 0.01 0.00	47.65 -0.55 0.00	51.65 -1.03 0.00	54.09 -1.16 0.00	53.15 -1.28 0.00	49.74 -1.43 0.00	47.43 -1.51 0.00	45.90 -2.34 0.00	41.94 -1.97 0.00	40.93 -2.08 0.00	35.95 -1.94 0.00	40.55 -3.02 0.00	46.12 -3.15 0.01	38.69 -3.17 4.53	40.60 -3.23 0.36	36.48 -2.89 0.01	34.74 -2.49 0.00	34.73 -2.42 0.00	34.52 -2.09 0.00
CARR STREET_E__SYR 24060	50.38 -0.97 0.00	35.67 -0.76 0.00	37.96 -0.76 0.00	36.58 -0.70 0.00	34.70 -0.68 0.00	36.67 -0.62 0.00	47.29 -0.91 0.00	51.68 -1.00 0.00	54.30 -0.95 0.00	53.42 -1.02 0.00	50.09 -1.08 0.00	47.85 -1.09 0.00	47.01 -1.23 0.00	42.80 -1.10 0.00	41.92 -1.08 0.00	36.93 -0.96 0.00	42.37 -1.20 0.00	47.98 -1.30 0.00	45.22 -1.17 0.00	43.09 -1.10 0.00	38.48 -0.89 0.00	36.48 -0.75 0.00	36.39 -0.75 0.00	35.95 -0.66 0.00
CARTHAGE___PAPER 23857	48.95 -2.40 0.00	34.77 -1.66 0.00	37.02 -1.70 0.00	36.15 -1.13 0.00	34.62 -0.76 0.00	36.61 -0.69 0.00	47.90 -0.30 0.00	52.75 0.07 0.00	56.25 1.00 0.00	55.74 1.31 0.00	52.64 1.47 0.00	49.57 0.63 0.00	49.28 1.05 0.00	44.82 0.92 0.00	44.06 1.05 0.00	38.18 0.29 0.00	43.19 -0.38 0.00	47.65 -1.63 0.00	45.35 -1.04 0.00	43.06 -1.13 0.00	37.48 -1.89 0.00	35.40 -1.83 0.00	35.00 -2.14 0.00	34.64 -1.97 0.00
CASSADAGA_WT_PWR 323784	51.75 0.39 0.00	36.60 0.18 0.00	38.94 0.22 0.00	37.54 0.26 0.00	35.44 0.06 0.00	37.84 0.55 0.00	47.92 -0.28 0.00	51.40 -1.27 0.00	54.30 -0.94 0.00	53.50 -0.94 0.00	49.54 -1.63 0.00	46.41 -2.54 0.00	45.00 -3.23 0.00	41.32 -2.59 0.00	40.38 -2.62 0.00	35.28 -2.61 0.00	40.49 -3.08 0.00	45.75 -3.53 0.00	42.34 -3.38 0.67	40.68 -3.46 0.05	36.30 -3.06 0.00	34.62 -2.61 0.00	34.97 -2.17 0.00	34.55 -2.06 0.00
CE_DUNWOOD___DRP 24194	53.55 2.21 0.00	37.86 1.44 0.00	40.05 1.33 0.00	38.40 1.13 0.00	36.46 1.08 0.00	38.58 1.29 0.00	50.27 2.07 0.00	55.30 2.62 0.00	58.39 3.14 0.00	57.49 3.06 0.00	54.20 3.03 0.00	52.17 3.23 0.00	51.48 3.25 0.00	46.98 3.07 0.00	46.01 3.00 0.00	40.82 2.67 -0.27	46.50 2.92 0.00	52.70 3.42 0.00	49.70 3.31 0.00	47.18 3.00 0.00	41.85 2.48 0.00	39.42 2.19 0.00	39.32 2.18 0.00	38.77 2.16 0.00
CE_MILLWOOD___DRP 24193	53.45 2.10 0.00	37.79 1.36 0.00	39.97 1.25 0.00	38.34 1.06 0.00	36.41 1.03 0.00	38.53 1.24 0.00	50.19 1.98 0.00	55.20 2.52 0.00	58.27 3.03 0.00	57.38 2.94 0.00	54.06 2.89 0.00	52.04 3.10 0.00	51.35 3.12 0.00	46.85 2.94 0.00	45.89 2.88 0.00	40.71 2.55 -0.27	46.37 2.80 0.00	52.56 3.28 0.00	49.57 3.18 0.00	47.06 2.87 0.00	41.74 2.38 0.00	39.33 2.10 0.00	39.23 2.09 0.00	38.68 2.07 0.00
CE_NYC2_DRP 24202	53.84 2.49 0.00	38.07 1.65 0.00	40.24 1.52 0.00	38.53 1.25 0.00	36.54 1.16 0.00	38.72 1.43 0.00	50.52 2.32 0.00	55.61 2.93 0.00	58.78 3.54 0.00	57.84 3.40 0.00	54.48 3.31 0.00	52.54 3.59 0.00	51.86 3.63 0.00	47.35 3.44 0.00	46.38 3.37 0.00	41.17 3.02 -0.26	46.85 3.27 0.00	53.08 3.79 0.00	50.10 3.71 0.00	47.56 3.38 0.00	42.17 2.80 0.00	39.72 2.49 0.00	39.59 2.45 0.00	39.07 2.46 0.00
CE_NYC_DRP 24195	53.89 2.54 0.00	38.09 1.67 0.00	40.28 1.56 0.00	38.56 1.29 0.00	36.54 1.17 0.00	38.75 1.46 0.00	50.55 2.35 0.00	55.62 2.95 0.00	58.83 3.58 0.00	57.92 3.48 0.00	54.61 3.44 0.00	52.64 3.70 0.00	51.98 3.74 0.00	47.44 3.53 0.00	46.49 3.48 0.00	41.26 3.11 -0.26	46.96 3.38 0.00	53.19 3.90 0.00	50.17 3.78 0.00	47.61 3.42 0.00	42.20 2.83 0.00	39.73 2.51 0.00	39.61 2.46 0.00	39.05 2.43 0.00
CHAFFEE___LFGE 323603	50.89 -0.46 0.00	36.12 -0.30 0.00	38.54 -0.18 0.00	37.19 -0.08 0.00	35.19 -0.19 0.00	37.49 0.20 0.00	47.59 -0.60 0.00	50.96 -1.72 0.00	53.78 -1.47 0.00	52.84 -1.59 0.00	49.29 -1.88 0.00	46.80 -2.14 0.00	45.56 -2.67 0.00	41.61 -2.29 0.00	40.77 -2.24 0.00	36.01 -1.88 0.00	41.14 -2.43 0.00	46.62 -2.67 0.00	43.09 -2.57 0.73	41.69 -2.44 0.05	37.11 -2.26 0.00	35.40 -1.83 0.00	35.76 -1.38 0.00	35.77 -0.85 0.00
CHATEAUG_35_KV_LOAD 355732	50.41 -0.95 0.00	35.79 -0.64 0.00	37.75 -0.97 0.00	36.51 -0.77 0.00	34.80 -0.57 0.00	37.00 -0.30 0.00	48.35 0.15 0.00	52.97 0.29 0.00	55.48 0.23 0.00	54.77 0.33 0.00	51.79 0.62 0.00	49.75 0.81 0.00	49.26 1.02 0.00	44.61 0.70 0.00	43.71 0.70 0.00	38.53 0.64 0.00	44.47 0.89 0.00	49.33 0.04 0.00	45.88 -0.51 0.00	43.38 -0.81 0.00	38.44 -0.93 0.00	36.26 -0.96 0.00	36.13 -1.01 0.00	37.96 -1.29 -2.64
CHATEAUG_WT_PWR 323614	50.14 -1.21 0.00	35.59 -0.84 0.00	37.56 -1.16 0.00	36.29 -0.98 0.00	34.70 -0.68 0.00	36.94 -0.35 0.00	48.29 0.09 0.00	52.85 0.17 0.00	55.36 0.11 0.00	54.68 0.25 0.00	51.69 0.52 0.00	49.69 0.75 0.00	49.20 0.96 0.00	44.59 0.68 0.00	43.67 0.67 0.00	38.52 0.63 0.00	44.40 0.82 0.00	49.32 0.03 0.00	45.88 -0.51 0.00	43.36 -0.83 0.00	38.43 -0.94 0.00	36.24 -0.99 0.00	36.03 -1.11 0.00	7.94 -1.48 27.20
CHAT_HIGH_FALL_HYD 323578	50.41 -0.95 0.00	35.79 -0.64 0.00	37.75 -0.97 0.00	36.51 -0.77 0.00	34.80 -0.57 0.00	37.00 -0.30 0.00	48.35 0.15 0.00	52.97 0.29 0.00	55.48 0.23 0.00	54.77 0.33 0.00	51.79 0.62 0.00	49.75 0.81 0.00	49.26 1.02 0.00	44.61 0.70 0.00	43.71 0.70 0.00	38.53 0.64 0.00	44.47 0.89 0.00	49.33 0.04 0.00	45.88 -0.51 0.00	43.38 -0.81 0.00	38.44 -0.93 0.00	36.26 -0.96 0.00	36.13 -1.01 0.00	37.96 -1.29 -2.64
CHAUTAUQUA___LFGE 323629	51.12 -0.23 0.00	36.25 -0.17 0.00	38.64 -0.09 0.00	37.24 -0.04 0.00	35.17 -0.21 0.00	37.52 0.22 0.00	47.49 -0.71 0.00	50.76 -1.92 0.00	53.63 -1.62 0.00	52.81 -1.62 0.00	49.09 -2.08 0.00	46.28 -2.67 0.00	44.88 -3.35 0.00	41.21 -2.70 0.00	40.29 -2.71 0.00	35.40 -2.50 0.00	40.58 -2.99 0.00	45.86 -3.42 0.00	42.27 -3.31 0.81	40.96 -3.16 0.06	36.48 -2.88 0.00	34.81 -2.42 0.00	35.17 -1.97 0.00	34.98 -1.64 0.00
CHERRYST_13_KV_LD 356241	54.03 2.68 0.00	38.19 1.77 0.00	40.38 1.65 0.00	38.65 1.37 0.00	36.64 1.27 0.00	38.86 1.57 0.00	50.69 2.49 0.00	55.80 3.12 0.00	59.02 3.77 0.00	58.11 3.67 0.00	54.81 3.64 0.00	52.83 3.89 0.00	52.15 3.92 0.00	47.61 3.71 0.00	46.66 3.65 0.00	41.40 3.25 -0.26	47.13 3.55 0.00	53.37 4.09 0.00	50.32 3.93 0.00	47.74 3.55 0.00	42.32 2.96 0.00	39.84 2.62 0.00	39.70 2.57 0.00	39.13 2.52 0.00

CHESTROR_138KV_BK263 355645	52.93 1.58 0.00	37.44 1.02 0.00	39.64 0.91 0.00	38.07 0.79 0.00	36.21 0.83 0.00	38.28 0.98 0.00	49.78 1.58 0.00	54.72 2.05 0.00	57.68 2.44 0.00	56.78 2.34 0.00	53.47 2.30 0.00	51.39 2.45 0.00	50.72 2.49 0.00	46.21 2.30 0.00	45.28 2.27 0.00	39.54 2.00 0.36	45.75 2.18 0.00	51.88 2.60 0.00	48.91 2.52 0.00	46.44 2.25 0.00	41.22 1.85 0.00	38.86 1.63 0.00	38.76 1.62 0.00	38.23 1.62 0.00
CH_MIDHUDSON___DRP 24192	53.79 2.44 0.00	38.03 1.60 0.00	40.25 1.53 0.00	38.61 1.33 0.00	36.66 1.28 0.00	38.78 1.49 0.00	50.48 2.28 0.00	55.54 2.87 0.00	58.68 3.43 0.00	57.79 3.35 0.00	54.46 3.29 0.00	52.39 3.45 0.00	51.66 3.42 0.00	47.13 3.23 0.00	46.16 3.15 0.00	40.74 2.78 -0.07	46.68 3.10 0.00	52.89 3.60 0.00	49.86 3.47 0.00	47.34 3.15 0.00	41.99 2.62 0.00	39.57 2.35 0.00	39.45 2.32 0.00	38.85 2.24 0.00
CH_MISC_IPPS 23765	53.97 2.62 0.00	38.15 1.72 0.00	40.38 1.65 0.00	38.74 1.46 0.00	36.81 1.43 0.00	38.95 1.66 0.00	50.74 2.54 0.00	55.85 3.17 0.00	58.95 3.70 0.00	58.03 3.60 0.00	54.67 3.50 0.00	52.61 3.66 0.00	51.88 3.65 0.00	47.30 3.40 0.00	46.34 3.34 0.00	40.84 2.95 0.00	46.88 3.30 0.00	53.14 3.85 0.00	50.09 3.70 0.00	47.55 3.37 0.00	42.18 2.81 0.00	39.73 2.51 0.00	39.60 2.46 0.00	39.00 2.39 0.00
CH_RES_BVR_FALLS 23983	50.36 -0.99 0.00	35.87 -0.55 0.00	38.17 -0.56 0.00	36.82 -0.46 0.00	35.01 -0.37 0.00	36.94 -0.35 0.00	47.90 -0.31 0.00	52.25 -0.43 0.00	54.94 -0.31 0.00	54.32 -0.11 0.00	51.11 -0.06 0.00	48.76 -0.19 0.00	48.23 -0.01 0.00	43.86 -0.05 0.00	42.99 -0.02 0.00	37.80 -0.08 0.00	43.51 -0.07 0.00	48.92 -0.36 0.00	46.04 -0.35 0.00	43.84 -0.35 0.00	38.85 -0.52 0.00	36.65 -0.57 0.00	36.51 -0.62 0.00	35.92 -0.69 0.00
CH_RES_NIAGARA 23895	48.38 -2.97 0.00	34.40 -2.02 0.00	36.68 -2.04 0.00	35.38 -1.90 0.00	33.42 -1.96 0.00	35.64 -1.66 0.00	45.01 -3.19 0.00	47.74 -4.94 0.00	50.43 -4.81 0.00	49.63 -4.81 0.00	46.27 -4.90 0.00	43.86 -5.09 0.00	42.71 -5.53 0.00	39.05 -4.86 0.00	38.23 -4.77 0.00	33.88 -4.01 0.00	38.77 -4.80 0.00	43.92 -5.36 0.00	40.54 -5.16 0.69	39.30 -4.83 0.05	35.06 -4.31 0.00	33.44 -3.79 0.00	34.01 -3.13 0.00	34.09 -2.52 0.00
CH_RES_SYRACUSE 23985	50.76 -0.59 0.00	35.93 -0.50 0.00	38.24 -0.49 0.00	36.84 -0.44 0.00	34.94 -0.44 0.00	36.92 -0.37 0.00	47.62 -0.58 0.00	52.01 -0.66 0.00	54.63 -0.63 0.00	53.73 -0.70 0.00	50.37 -0.80 0.00	48.09 -0.86 0.00	47.22 -1.01 0.00	43.01 -0.90 0.00	42.11 -0.90 0.00	37.11 -0.78 0.00	42.59 -0.98 0.00	48.25 -1.03 0.00	45.47 -0.91 0.00	43.38 -0.81 0.00	38.77 -0.60 0.00	36.79 -0.44 0.00	36.68 -0.46 0.00	36.22 -0.39 0.00
CLINTON_WT_PWR 323605	50.14 -1.21 0.00	35.59 -0.84 0.00	37.56 -1.16 0.00	36.29 -0.98 0.00	34.70 -0.68 0.00	36.94 -0.35 0.00	48.29 0.09 0.00	52.85 0.17 0.00	55.36 0.11 0.00	54.68 0.25 0.00	51.69 0.52 0.00	49.69 0.75 0.00	49.20 0.96 0.00	44.59 0.68 0.00	43.67 0.67 0.00	38.52 0.63 0.00	44.40 0.82 0.00	49.32 0.03 0.00	45.88 -0.51 0.00	43.36 -0.83 0.00	38.43 -0.94 0.00	36.24 -0.99 0.00	36.03 -1.11 0.00	7.94 -1.48 27.20
CLINTON___LFGE 323618	50.77 -0.58 0.00	35.99 -0.44 0.00	38.01 -0.71 0.00	36.75 -0.53 0.00	35.10 -0.28 0.00	37.36 0.06 0.00	48.93 0.74 0.00	53.65 0.97 0.00	56.21 0.96 0.00	55.47 1.04 0.00	52.43 1.26 0.00	50.39 1.44 0.00	49.89 1.66 0.00	45.22 1.32 0.00	44.30 1.30 0.00	39.06 1.17 0.00	45.05 1.48 0.00	50.08 0.80 0.00	46.57 0.19 0.00	43.98 -0.21 0.00	38.96 -0.40 0.00	36.70 -0.52 0.00	36.55 -0.59 0.00	54.51 -1.01 -18.90
COBBLENY_34_KV_TB1 80064	50.88 -0.47 0.00	36.12 -0.30 0.00	38.54 -0.18 0.00	37.20 -0.08 0.00	35.19 -0.19 0.00	37.49 0.20 0.00	47.59 -0.61 0.00	50.95 -1.73 0.00	53.78 -1.47 0.00	52.85 -1.59 0.00	49.29 -1.88 0.00	46.79 -2.15 0.00	45.56 -2.67 0.00	41.61 -2.29 0.00	40.77 -2.24 0.00	36.00 -1.89 0.00	41.14 -2.44 0.00	46.61 -2.67 0.00	43.07 -2.59 0.73	41.68 -2.45 0.05	37.12 -2.25 0.00	35.40 -1.83 0.00	35.77 -1.37 0.00	35.76 -0.86 0.00
COFFEEN___115KV_TB3 355620	48.85 -2.50 0.00	34.65 -1.78 0.00	36.88 -1.84 0.00	35.99 -1.29 0.00	34.53 -0.85 0.00	36.64 -0.65 0.00	47.90 -0.30 0.00	52.82 0.14 0.00	56.24 0.99 0.00	55.80 1.36 0.00	52.67 1.50 0.00	49.48 0.54 0.00	49.28 1.05 0.00	44.80 0.90 0.00	44.04 1.04 0.00	38.27 0.37 0.00	43.33 -0.25 0.00	47.90 -1.38 0.00	45.55 -0.84 0.00	43.23 -0.96 0.00	37.74 -1.63 0.00	35.68 -1.54 0.00	35.22 -1.92 0.00	34.77 -1.85 0.00
COLDSPRG_115KV_BK1 355956	52.40 1.05 0.00	37.06 0.63 0.00	39.52 0.79 0.00	38.16 0.88 0.00	36.18 0.80 0.00	38.55 1.26 0.00	48.96 0.77 0.00	52.81 0.13 0.00	55.75 0.50 0.00	54.77 0.33 0.00	50.88 -0.29 0.00	48.14 -0.80 0.00	47.00 -1.24 0.00	42.92 -0.98 0.00	42.02 -0.98 0.00	36.95 -0.94 0.00	42.27 -1.31 0.00	47.84 -1.44 0.00	44.60 -1.35 0.44	42.65 -1.50 0.03	37.99 -1.38 0.00	36.22 -1.01 0.00	36.63 -0.51 0.00	36.36 -0.26 0.00
COLONIE_LFGE___ 323577	53.60 2.24 0.00	37.99 1.57 0.00	40.37 1.65 0.00	38.81 1.53 0.00	36.81 1.43 0.00	38.65 1.35 0.00	50.00 1.80 0.00	54.76 2.08 0.00	57.65 2.40 0.00	56.78 2.34 0.00	53.44 2.27 0.00	51.21 2.26 0.00	50.45 2.22 0.00	46.02 2.12 0.00	45.01 2.01 0.00	39.59 1.64 -0.06	45.46 1.88 0.00	51.43 2.15 0.00	48.41 2.02 0.00	46.19 2.01 0.00	41.21 1.84 0.00	38.89 1.67 0.00	38.74 1.60 0.00	38.08 1.46 0.00
COOPERNY_115KV_TB1 80082	52.45 1.10 0.00	37.12 0.69 0.00	39.36 0.64 0.00	37.83 0.55 0.00	35.97 0.59 0.00	37.98 0.69 0.00	49.28 1.08 0.00	54.21 1.53 0.00	57.14 1.89 0.00	56.26 1.83 0.00	52.94 1.78 0.00	50.82 1.88 0.00	50.12 1.89 0.00	45.67 1.76 0.00	44.75 1.75 0.00	39.21 1.52 0.20	45.19 1.61 0.00	51.08 1.79 0.00	48.12 1.73 0.00	45.74 1.55 0.00	40.63 1.26 0.00	38.34 1.11 0.00	38.24 1.10 0.00	37.74 1.12 0.00
COPENHAGEN_WT_PWR 323753	47.96 -3.39 0.00	34.03 -2.40 0.00	36.25 -2.48 0.00	35.47 -1.81 0.00	34.09 -1.29 0.00	36.21 -1.09 0.00	47.34 -0.86 0.00	52.12 -0.56 0.00	55.56 0.31 0.00	55.19 0.75 0.00	52.03 0.86 0.00	48.72 -0.22 0.00	48.62 0.39 0.00	44.26 0.35 0.00	43.54 0.54 0.00	37.72 -0.17 0.00	42.50 -1.08 0.00	46.84 -2.44 0.00	44.70 -1.69 0.00	42.45 -1.74 0.00	36.94 -2.42 0.00	34.97 -2.25 0.00	34.50 -2.64 0.00	34.08 -2.53 0.00
CORNELL_____ 23752	51.86 0.51 0.00	36.62 0.19 0.00	39.03 0.31 0.00	37.67 0.39 0.00	35.70 0.32 0.00	37.79 0.50 0.00	48.75 0.55 0.00	53.18 0.51 0.00	55.89 0.64 0.00	55.02 0.58 0.00	51.64 0.47 0.00	49.40 0.45 0.00	48.48 0.24 0.00	44.17 0.27 0.00	43.27 0.27 0.00	38.13 0.24 0.00	43.67 0.10 0.00	49.73 0.45 0.00	46.99 0.60 0.00	44.71 0.52 0.00	39.74 0.37 0.00	37.59 0.37 0.00	37.45 0.31 0.00	36.98 0.37 0.00

CORONA_69_KV_TB1 355595	54.18 2.83 0.00	38.23 1.81 0.00	40.37 1.65 0.00	38.70 1.42 0.00	36.68 1.30 0.00	38.92 1.63 0.00	50.69 2.49 0.00	55.69 3.01 0.00	58.87 3.62 0.00	58.05 3.62 0.00	54.87 3.70 0.00	52.91 3.96 0.00	52.19 3.96 0.00	47.80 3.89 0.00	46.82 3.82 0.00	41.58 3.43 -0.26	47.26 3.69 0.00	53.57 4.29 0.00	50.63 4.24 0.00	48.01 3.82 0.00	42.50 3.13 0.00	39.97 2.75 0.00	39.94 2.80 0.00	39.37 2.76 0.00
CORTLAND_115KV_TB3 80093	51.44 0.09 0.00	36.35 -0.07 0.00	38.75 0.03 0.00	37.38 0.11 0.00	35.47 0.09 0.00	37.50 0.21 0.00	48.38 0.18 0.00	52.95 0.27 0.00	55.65 0.40 0.00	54.80 0.36 0.00	51.43 0.26 0.00	49.19 0.25 0.00	48.30 0.06 0.00	44.01 0.10 0.00	43.11 0.10 0.00	37.95 0.06 0.00	43.46 -0.12 0.00	49.31 0.03 0.00	46.50 0.11 0.00	44.23 0.05 0.00	39.38 0.01 0.00	37.27 0.04 0.00	37.12 -0.02 0.00	36.66 0.05 0.00
COXSACKIE___GT 23611	54.97 3.62 0.00	38.96 2.53 0.00	41.45 2.73 0.00	39.84 2.56 0.00	37.81 2.43 0.00	39.61 2.32 0.00	51.42 3.23 0.00	56.55 3.87 0.00	59.58 4.33 0.00	58.59 4.15 0.00	55.13 3.96 0.00	52.72 3.77 0.00	51.93 3.70 0.00	47.34 3.43 0.00	46.39 3.38 0.00	40.84 2.92 -0.03	47.05 3.47 0.00	53.18 3.89 0.00	50.05 3.65 0.00	47.62 3.43 0.00	42.37 3.00 0.00	39.90 2.67 0.00	39.62 2.48 0.00	38.91 2.29 0.00
CPV_VALLEY___CC1 323721	52.49 1.14 0.00	37.16 0.74 0.00	39.35 0.63 0.00	37.81 0.53 0.00	35.96 0.58 0.00	37.98 0.69 0.00	49.35 1.15 0.00	54.24 1.56 0.00	57.16 1.92 0.00	56.28 1.84 0.00	52.99 1.82 0.00	50.93 1.98 0.00	50.24 2.01 0.00	45.77 1.86 0.00	44.85 1.84 0.00	39.20 1.61 0.30	45.31 1.73 0.00	51.37 2.08 0.00	48.42 2.03 0.00	45.99 1.80 0.00	40.83 1.47 0.00	38.50 1.27 0.00	38.41 1.28 0.00	37.89 1.28 0.00
CPV_VALLEY___CC2 323722	52.49 1.14 0.00	37.16 0.74 0.00	39.35 0.63 0.00	37.81 0.53 0.00	35.96 0.58 0.00	37.98 0.69 0.00	49.35 1.15 0.00	54.24 1.56 0.00	57.16 1.92 0.00	56.28 1.84 0.00	52.99 1.82 0.00	50.93 1.98 0.00	50.24 2.01 0.00	45.77 1.86 0.00	44.85 1.84 0.00	39.20 1.61 0.30	45.31 1.73 0.00	51.37 2.08 0.00	48.42 2.03 0.00	45.99 1.80 0.00	40.83 1.47 0.00	38.50 1.27 0.00	38.41 1.28 0.00	37.89 1.28 0.00
CRESCENT___HYD 24018	53.60 2.24 0.00	37.99 1.57 0.00	40.37 1.65 0.00	38.81 1.53 0.00	36.81 1.43 0.00	38.65 1.35 0.00	50.00 1.80 0.00	54.76 2.08 0.00	57.65 2.40 0.00	56.78 2.34 0.00	53.44 2.27 0.00	51.21 2.26 0.00	50.45 2.22 0.00	46.02 2.12 0.00	45.01 2.01 0.00	39.59 1.64 -0.06	45.46 1.88 0.00	51.43 2.15 0.00	48.41 2.02 0.00	46.19 2.01 0.00	41.21 1.84 0.00	38.89 1.67 0.00	38.74 1.60 0.00	38.08 1.46 0.00
CRICKET___VALLEY_CC1 323756	53.03 1.68 0.00	37.52 1.10 0.00	39.75 1.03 0.00	38.13 0.85 0.00	36.19 0.81 0.00	38.22 0.92 0.00	49.68 1.48 0.00	54.66 1.98 0.00	57.75 2.50 0.00	56.90 2.46 0.00	53.62 2.45 0.00	51.60 2.66 0.00	50.84 2.61 0.00	46.42 2.51 0.00	45.42 2.42 0.00	40.14 2.08 -0.17	45.87 2.29 0.00	51.97 2.68 0.00	48.98 2.59 0.00	46.53 2.34 0.00	41.32 1.95 0.00	39.01 1.78 0.00	38.90 1.76 0.00	38.29 1.68 0.00
CRICKET___VALLEY_CC2 323757	53.03 1.68 0.00	37.52 1.10 0.00	39.75 1.03 0.00	38.13 0.85 0.00	36.19 0.81 0.00	38.22 0.92 0.00	49.68 1.48 0.00	54.66 1.98 0.00	57.75 2.50 0.00	56.90 2.46 0.00	53.62 2.45 0.00	51.60 2.66 0.00	50.84 2.61 0.00	46.42 2.51 0.00	45.42 2.42 0.00	40.14 2.08 -0.17	45.87 2.29 0.00	51.97 2.68 0.00	48.98 2.59 0.00	46.53 2.34 0.00	41.32 1.95 0.00	39.01 1.78 0.00	38.90 1.76 0.00	38.29 1.68 0.00
CRICKET___VALLEY_CC3 323758	53.03 1.68 0.00	37.52 1.10 0.00	39.75 1.03 0.00	38.13 0.85 0.00	36.19 0.81 0.00	38.22 0.92 0.00	49.68 1.48 0.00	54.66 1.98 0.00	57.75 2.50 0.00	56.90 2.46 0.00	53.62 2.45 0.00	51.60 2.66 0.00	50.84 2.61 0.00	46.42 2.51 0.00	45.42 2.42 0.00	40.14 2.08 -0.17	45.87 2.29 0.00	51.97 2.68 0.00	48.98 2.59 0.00	46.53 2.34 0.00	41.32 1.95 0.00	39.01 1.78 0.00	38.90 1.76 0.00	38.29 1.68 0.00
CRUCIBLE_METL_DRP 24180	50.76 -0.60 0.00	35.92 -0.50 0.00	38.24 -0.49 0.00	36.84 -0.44 0.00	34.94 -0.44 0.00	36.92 -0.37 0.00	47.62 -0.58 0.00	52.01 -0.67 0.00	54.62 -0.63 0.00	53.73 -0.70 0.00	50.37 -0.80 0.00	48.09 -0.86 0.00	47.23 -1.01 0.00	43.01 -0.90 0.00	42.11 -0.89 0.00	37.11 -0.78 0.00	42.59 -0.99 0.00	48.26 -1.03 0.00	45.47 -0.91 0.00	43.38 -0.81 0.00	38.77 -0.60 0.00	36.79 -0.44 0.00	36.68 -0.46 0.00	36.22 -0.39 0.00
DAHOWA___HYDRO 323763	54.99 3.64 0.00	38.92 2.50 0.00	41.33 2.61 0.00	39.75 2.47 0.00	37.73 2.34 0.00	39.70 2.40 0.00	51.27 3.07 0.00	56.32 3.64 0.00	59.35 4.10 0.00	58.44 4.01 0.00	54.93 3.76 0.00	52.63 3.69 0.00	51.85 3.62 0.00	47.31 3.40 0.00	46.27 3.27 0.00	40.72 2.77 -0.06	46.85 3.27 0.00	52.98 3.70 0.00	49.87 3.48 0.00	47.58 3.39 0.00	42.33 2.96 0.00	39.97 2.75 0.00	39.73 2.60 0.00	38.95 2.33 0.00
DANC___LFGE 323619	48.76 -2.59 0.00	34.58 -1.85 0.00	36.81 -1.92 0.00	35.79 -1.49 0.00	34.24 -1.14 0.00	36.28 -1.01 0.00	47.16 -1.04 0.00	51.76 -0.91 0.00	54.88 -0.37 0.00	54.33 -0.11 0.00	51.12 -0.05 0.00	48.22 -0.73 0.00	47.83 -0.40 0.00	43.54 -0.37 0.00	42.76 -0.25 0.00	37.27 -0.62 0.00	42.30 -1.28 0.00	47.04 -2.24 0.00	44.68 -1.71 0.00	42.50 -1.69 0.00	37.44 -1.93 0.00	35.48 -1.74 0.00	35.16 -1.98 0.00	34.73 -1.88 0.00
DANSKAMMER___1 23586	53.97 2.62 0.00	38.15 1.72 0.00	40.38 1.65 0.00	38.74 1.46 0.00	36.81 1.43 0.00	38.95 1.66 0.00	50.74 2.54 0.00	55.85 3.17 0.00	58.95 3.70 0.00	58.03 3.60 0.00	54.67 3.50 0.00	52.61 3.66 0.00	51.88 3.65 0.00	47.30 3.40 0.00	46.34 3.34 0.00	40.84 2.95 0.00	46.88 3.30 0.00	53.14 3.85 0.00	50.09 3.70 0.00	47.55 3.37 0.00	42.18 2.81 0.00	39.73 2.51 0.00	39.60 2.46 0.00	39.00 2.39 0.00
DANSKAMMER___2 23589	53.97 2.62 0.00	38.15 1.72 0.00	40.38 1.65 0.00	38.74 1.46 0.00	36.81 1.43 0.00	38.95 1.66 0.00	50.74 2.54 0.00	55.85 3.17 0.00	58.95 3.70 0.00	58.03 3.60 0.00	54.67 3.50 0.00	52.61 3.66 0.00	51.88 3.65 0.00	47.30 3.40 0.00	46.34 3.34 0.00	40.84 2.95 0.00	46.88 3.30 0.00	53.14 3.85 0.00	50.09 3.70 0.00	47.55 3.37 0.00	42.18 2.81 0.00	39.73 2.51 0.00	39.60 2.46 0.00	39.00 2.39 0.00
DANSKAMMER___3 23590	53.97 2.62 0.00	38.15 1.72 0.00	40.38 1.65 0.00	38.74 1.46 0.00	36.81 1.43 0.00	38.95 1.66 0.00	50.74 2.54 0.00	55.85 3.17 0.00	58.95 3.70 0.00	58.03 3.60 0.00	54.67 3.50 0.00	52.61 3.66 0.00	51.88 3.65 0.00	47.30 3.40 0.00	46.34 3.34 0.00	40.84 2.95 0.00	46.88 3.30 0.00	53.14 3.85 0.00	50.09 3.70 0.00	47.55 3.37 0.00	42.18 2.81 0.00	39.73 2.51 0.00	39.60 2.46 0.00	39.00 2.39 0.00

DANSKAMMER___4 23591	53.97 2.62 0.00	38.15 1.72 0.00	40.38 1.65 0.00	38.74 1.46 0.00	36.81 1.43 0.00	38.95 1.66 0.00	50.74 2.54 0.00	55.85 3.17 0.00	58.95 3.70 0.00	58.03 3.60 0.00	54.67 3.50 0.00	52.61 3.66 0.00	51.88 3.65 0.00	47.30 3.40 0.00	46.34 3.34 0.00	40.84 2.95 0.00	46.88 3.30 0.00	53.14 3.85 0.00	50.09 3.70 0.00	47.55 3.37 0.00	42.18 2.81 0.00	39.73 2.51 0.00	39.60 2.46 0.00	39.00 2.39 0.00
DANSKAMMER___DIESEL 23592	53.97 2.62 0.00	38.14 1.72 0.00	40.38 1.66 0.00	38.74 1.46 0.00	36.81 1.43 0.00	38.95 1.66 0.00	50.74 2.54 0.00	55.85 3.18 0.00	58.95 3.70 0.00	58.04 3.60 0.00	54.67 3.50 0.00	52.61 3.66 0.00	51.88 3.65 0.00	47.30 3.40 0.00	46.34 3.34 0.00	40.84 2.95 0.00	46.88 3.30 0.00	53.14 3.85 0.00	50.10 3.71 0.00	47.55 3.37 0.00	42.17 2.80 0.00	39.73 2.50 0.00	39.61 2.46 0.00	39.00 2.39 0.00
DARBY___SOLAR 323810	54.78 3.43 0.00	38.79 2.37 0.00	41.19 2.47 0.00	39.62 2.34 0.00	37.59 2.21 0.00	39.56 2.26 0.00	51.11 2.91 0.00	56.10 3.42 0.00	59.10 3.85 0.00	58.21 3.77 0.00	54.72 3.55 0.00	52.44 3.49 0.00	51.66 3.43 0.00	47.12 3.22 0.00	46.10 3.09 0.00	40.57 2.62 -0.06	46.66 3.08 0.00	52.77 3.48 0.00	49.68 3.29 0.00	47.40 3.21 0.00	42.18 2.82 0.00	39.83 2.60 0.00	39.59 2.46 0.00	38.84 2.23 0.00
DASHVILLE___HYD 23610	54.38 3.03 0.00	38.42 1.99 0.00	40.65 1.93 0.00	39.00 1.72 0.00	37.06 1.69 0.00	39.26 1.97 0.00	51.19 3.00 0.00	56.46 3.79 0.00	59.66 4.41 0.00	58.74 4.30 0.00	55.35 4.18 0.00	53.27 4.33 0.00	52.53 4.29 0.00	47.89 3.99 0.00	46.93 3.92 0.00	41.34 3.47 0.02	47.50 3.93 0.00	53.83 4.55 0.00	50.74 4.35 0.00	48.13 3.94 0.00	42.66 3.29 0.00	40.16 2.94 0.00	40.01 2.87 0.00	39.38 2.77 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	53.66 2.31 0.00	37.73 1.30 0.00	39.74 1.02 0.00	38.10 0.82 0.00	36.11 0.73 0.00	38.51 1.22 0.00	50.29 2.09 0.00	55.18 2.50 0.00	58.51 3.26 0.00	57.88 3.44 0.00	54.84 3.67 0.00	54.00 5.06 0.00	53.52 5.28 0.00	49.31 5.41 0.00	48.04 5.04 0.00	43.04 4.89 -0.26	48.93 5.35 0.00	55.44 6.16 0.00	52.50 6.10 0.00	49.52 5.33 0.00	43.26 3.89 0.00	40.22 3.00 0.00	39.89 2.75 0.00	39.19 2.57 0.00
DELAWARE___LFGE 323621	52.42 1.07 0.00	37.11 0.69 0.00	39.52 0.80 0.00	38.06 0.78 0.00	36.15 0.77 0.00	38.12 0.82 0.00	49.28 1.08 0.00	54.05 1.37 0.00	56.89 1.64 0.00	56.06 1.62 0.00	52.70 1.53 0.00	50.41 1.46 0.00	49.60 1.36 0.00	45.23 1.33 0.00	44.33 1.33 0.00	38.95 1.10 0.04	44.64 1.06 0.00	50.70 1.41 0.00	47.78 1.40 0.00	45.44 1.25 0.00	40.38 1.01 0.00	38.11 0.88 0.00	38.00 0.86 0.00	37.51 0.89 0.00
DERFIELD_115KV_TB7 355931	51.40 0.05 0.00	36.46 0.04 0.00	38.77 0.04 0.00	37.31 0.04 0.00	35.45 0.07 0.00	37.33 0.03 0.00	48.24 0.04 0.00	52.78 0.10 0.00	55.44 0.19 0.00	54.65 0.22 0.00	51.42 0.26 0.00	49.18 0.24 0.00	48.46 0.22 0.00	44.13 0.22 0.00	43.22 0.21 0.00	38.04 0.15 0.00	43.67 0.09 0.00	49.38 0.10 0.00	46.53 0.14 0.00	44.32 0.13 0.00	39.46 0.09 0.00	37.31 0.08 0.00	37.19 0.06 0.00	36.66 0.04 0.00
DOGLEVILLE___HYD 23807	51.39 0.04 0.00	36.40 -0.02 0.00	38.76 0.04 0.00	37.28 0.01 0.00	35.44 0.06 0.00	37.22 -0.07 0.00	48.28 0.08 0.00	53.32 0.64 0.00	56.25 1.01 0.00	55.50 1.07 0.00	52.36 1.19 0.00	50.20 1.25 0.00	49.40 1.16 0.00	45.09 1.19 0.00	44.12 1.12 0.00	38.79 0.90 0.00	44.00 0.42 0.00	49.85 0.56 0.00	46.99 0.60 0.00	44.91 0.73 0.00	39.91 0.54 0.00	37.47 0.24 0.00	37.22 0.08 0.00	36.51 -0.10 0.00
DUNKIRK___115KV_TB_200 55889	51.02 -0.33 0.00	36.19 -0.24 0.00	38.57 -0.15 0.00	37.19 -0.09 0.00	35.12 -0.26 0.00	37.46 0.17 0.00	47.43 -0.77 0.00	50.68 -2.00 0.00	53.53 -1.72 0.00	52.71 -1.72 0.00	49.02 -2.15 0.00	46.24 -2.70 0.00	44.89 -3.35 0.00	41.19 -2.72 0.00	40.28 -2.72 0.00	35.41 -2.48 0.00	40.57 -3.00 0.00	45.87 -3.41 0.00	42.26 -3.30 0.83	40.98 -3.14 0.06	36.53 -2.84 0.00	34.83 -2.40 0.00	35.20 -1.94 0.00	35.02 -1.59 0.00
DUNKIRK___1 23563	51.02 -0.33 0.00	36.19 -0.24 0.00	38.57 -0.15 0.00	37.19 -0.09 0.00	35.12 -0.26 0.00	37.46 0.17 0.00	47.43 -0.77 0.00	50.68 -2.00 0.00	53.53 -1.72 0.00	52.71 -1.72 0.00	49.02 -2.15 0.00	46.24 -2.70 0.00	44.89 -3.35 0.00	41.19 -2.72 0.00	40.28 -2.72 0.00	35.41 -2.48 0.00	40.57 -3.00 0.00	45.87 -3.41 0.00	42.26 -3.30 0.83	40.98 -3.14 0.06	36.53 -2.84 0.00	34.83 -2.40 0.00	35.20 -1.94 0.00	35.02 -1.59 0.00
DUNKIRK___2 23564	51.02 -0.33 0.00	36.19 -0.24 0.00	38.57 -0.15 0.00	37.19 -0.09 0.00	35.12 -0.26 0.00	37.46 0.17 0.00	47.43 -0.77 0.00	50.68 -2.00 0.00	53.53 -1.72 0.00	52.71 -1.72 0.00	49.02 -2.15 0.00	46.24 -2.70 0.00	44.89 -3.35 0.00	41.19 -2.72 0.00	40.28 -2.72 0.00	35.41 -2.48 0.00	40.57 -3.00 0.00	45.87 -3.41 0.00	42.26 -3.30 0.83	40.98 -3.14 0.06	36.53 -2.84 0.00	34.83 -2.40 0.00	35.20 -1.94 0.00	35.02 -1.59 0.00
DUNKIRK___3 23565	50.81 -0.55 0.00	36.05 -0.37 0.00	38.44 -0.29 0.00	37.08 -0.20 0.00	35.04 -0.34 0.00	37.36 0.06 0.00	47.33 -0.87 0.00	50.62 -2.06 0.00	53.47 -1.78 0.00	52.61 -1.83 0.00	48.96 -2.21 0.00	46.25 -2.70 0.00	44.92 -3.31 0.00	41.17 -2.73 0.00	40.28 -2.72 0.00	35.45 -2.45 0.00	40.59 -2.99 0.00	45.91 -3.38 0.00	42.21 -3.27 0.91	41.01 -3.11 0.07	36.54 -2.83 0.00	34.86 -2.37 0.00	35.23 -1.90 0.00	35.09 -1.53 0.00
DUNKIRK___4 23566	50.81 -0.55 0.00	36.05 -0.37 0.00	38.44 -0.29 0.00	37.08 -0.20 0.00	35.04 -0.34 0.00	37.36 0.06 0.00	47.33 -0.87 0.00	50.62 -2.06 0.00	53.47 -1.78 0.00	52.61 -1.83 0.00	48.96 -2.21 0.00	46.25 -2.70 0.00	44.92 -3.31 0.00	41.17 -2.73 0.00	40.28 -2.72 0.00	35.45 -2.45 0.00	40.59 -2.99 0.00	45.91 -3.38 0.00	42.21 -3.27 0.91	41.01 -3.11 0.07	36.54 -2.83 0.00	34.86 -2.37 0.00	35.23 -1.90 0.00	35.09 -1.53 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	53.68 2.33 0.00	37.93 1.51 0.00	40.12 1.40 0.00	38.46 1.19 0.00	36.50 1.12 0.00	38.65 1.36 0.00	50.36 2.16 0.00	55.40 2.73 0.00	58.51 3.26 0.00	57.62 3.18 0.00	54.30 3.13 0.00	52.30 3.35 0.00	51.60 3.37 0.00	47.10 3.19 0.00	46.13 3.13 0.00	40.93 2.78 -0.26	46.62 3.05 0.00	52.84 3.56 0.00	49.84 3.45 0.00	47.31 3.13 0.00	41.96 2.59 0.00	39.52 2.30 0.00	39.41 2.28 0.00	38.87 2.26 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	53.43 2.08 0.00	37.78 1.35 0.00	39.99 1.26 0.00	38.39 1.11 0.00	36.51 1.13 0.00	38.62 1.33 0.00	50.27 2.07 0.00	55.32 2.64 0.00	58.36 3.12 0.00	57.44 3.01 0.00	54.10 2.93 0.00	52.04 3.09 0.00	51.33 3.10 0.00	46.78 2.88 0.00	45.84 2.84 0.00	40.25 2.50 0.14	46.35 2.78 0.00	52.56 3.27 0.00	49.56 3.17 0.00	47.04 2.85 0.00	41.73 2.36 0.00	39.31 2.08 0.00	39.20 2.06 0.00	38.64 2.03 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	53.86 2.51 0.00	38.13 1.70 0.00	40.31 1.59 0.00	38.57 1.30 0.00	36.59 1.21 0.00	38.79 1.50 0.00	50.56 2.36 0.00	55.67 2.99 0.00	58.84 3.60 0.00	57.89 3.45 0.00	54.53 3.36 0.00	52.64 3.69 0.00	51.97 3.74 0.00	47.47 3.56 0.00	46.48 3.48 0.00	41.23 3.09 -0.26	46.89 3.31 0.00	53.06 3.78 0.00	50.14 3.75 0.00	47.57 3.38 0.00	42.12 2.76 0.00	39.72 2.50 0.00	39.61 2.47 0.00	39.10 2.49 0.00
E179THST_13_KV_LOAD 356214	54.07 2.72 0.00	38.27 1.85 0.00	40.46 1.73 0.00	38.71 1.43 0.00	36.72 1.34 0.00	38.93 1.64 0.00	50.75 2.55 0.00	55.91 3.23 0.00	59.09 3.84 0.00	58.15 3.72 0.00	54.78 3.61 0.00	52.87 3.93 0.00	52.21 3.97 0.00	47.67 3.77 0.00	46.68 3.67 0.00	41.42 3.27 -0.26	47.10 3.53 0.00	53.32 4.03 0.00	50.37 3.98 0.00	47.79 3.60 0.00	42.31 2.95 0.00	39.90 2.68 0.00	39.77 2.63 0.00	39.26 2.64 0.00
EAST HAMPTON___GT 23717	52.58 1.23 0.00	36.92 0.49 0.00	38.88 0.16 0.00	37.25 -0.02 0.00	35.31 -0.07 0.00	37.74 0.44 0.00	49.36 1.16 0.00	54.23 1.55 0.00	57.54 2.29 0.00	56.99 2.56 0.00	53.96 2.79 0.00	54.14 5.20 0.00	53.88 5.65 0.00	49.85 5.94 0.00	48.56 5.56 0.00	43.49 5.34 -0.26	49.49 5.91 0.00	56.07 6.79 0.00	53.08 6.69 0.00	49.91 5.73 0.00	43.16 3.80 0.00	39.83 2.60 0.00	39.12 1.98 0.00	38.38 1.76 0.00
EAST RIVER___6 23660	53.94 2.59 0.00	38.13 1.71 0.00	40.32 1.60 0.00	38.60 1.32 0.00	36.59 1.21 0.00	38.81 1.52 0.00	50.59 2.39 0.00	55.68 3.00 0.00	58.90 3.66 0.00	58.01 3.58 0.00	54.73 3.56 0.00	52.79 3.84 0.00	52.12 3.89 0.00	47.58 3.67 0.00	46.63 3.63 0.00	41.39 3.24 -0.26	47.10 3.52 0.00	53.34 4.06 0.00	50.29 3.90 0.00	47.70 3.51 0.00	42.28 2.92 0.00	39.78 2.56 0.00	39.64 2.50 0.00	39.06 2.45 0.00
EAST RIVER___7 23524	53.94 2.59 0.00	38.13 1.71 0.00	40.32 1.60 0.00	38.60 1.32 0.00	36.59 1.21 0.00	38.81 1.52 0.00	50.59 2.39 0.00	55.68 3.00 0.00	58.90 3.66 0.00	58.01 3.58 0.00	54.73 3.56 0.00	52.79 3.84 0.00	52.12 3.89 0.00	47.58 3.67 0.00	46.63 3.63 0.00	41.39 3.24 -0.26	47.10 3.52 0.00	53.34 4.06 0.00	50.29 3.90 0.00	47.70 3.51 0.00	42.28 2.92 0.00	39.78 2.56 0.00	39.64 2.50 0.00	39.06 2.45 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	53.55 2.21 0.00	37.86 1.44 0.00	40.05 1.33 0.00	38.40 1.13 0.00	36.46 1.08 0.00	38.58 1.29 0.00	50.27 2.07 0.00	55.30 2.62 0.00	58.39 3.14 0.00	57.49 3.06 0.00	54.20 3.03 0.00	52.17 3.23 0.00	51.48 3.25 0.00	46.98 3.07 0.00	46.01 3.00 0.00	40.82 2.67 -0.27	46.50 2.92 0.00	52.70 3.42 0.00	49.70 3.31 0.00	47.18 3.00 0.00	41.85 2.48 0.00	39.42 2.19 0.00	39.32 2.18 0.00	38.77 2.16 0.00
EAST_HAMPTON___DIESEL 23722	52.40 1.05 0.00	36.79 0.36 0.00	38.73 0.01 0.00	37.12 -0.16 0.00	35.18 -0.20 0.00	37.60 0.31 0.00	49.18 0.99 0.00	54.05 1.38 0.00	57.36 2.11 0.00	56.82 2.39 0.00	53.81 2.64 0.00	54.09 5.14 0.00	53.87 5.63 0.00	49.87 5.96 0.00	48.56 5.56 0.00	43.50 5.35 -0.26	49.50 5.92 0.00	56.08 6.79 0.00	53.09 6.70 0.00	49.90 5.71 0.00	43.10 3.73 0.00	39.75 2.52 0.00	38.97 1.83 0.00	38.25 1.64 0.00
EAST_POINT___SOLAR 323840	54.00 2.65 0.00	38.26 1.84 0.00	40.71 1.98 0.00	39.24 1.97 0.00	37.33 1.95 0.00	39.61 2.32 0.00	51.49 3.29 0.00	56.53 3.86 0.00	59.26 4.01 0.00	58.43 4.00 0.00	54.78 3.61 0.00	52.35 3.40 0.00	51.61 3.38 0.00	47.06 3.15 0.00	46.18 3.18 0.00	40.72 2.79 -0.04	46.58 3.00 0.00	52.83 3.55 0.00	49.75 3.36 0.00	47.38 3.19 0.00	42.08 2.71 0.00	39.58 2.35 0.00	39.36 2.22 0.00	38.73 2.12 0.00
EAST_PULASKI___ESR 323781	49.57 -1.78 0.00	35.14 -1.29 0.00	37.39 -1.34 0.00	36.14 -1.14 0.00	34.41 -0.97 0.00	36.40 -0.90 0.00	47.07 -1.13 0.00	51.52 -1.16 0.00	54.26 -0.98 0.00	53.53 -0.91 0.00	50.24 -0.93 0.00	47.70 -1.24 0.00	47.04 -1.20 0.00	42.80 -1.10 0.00	41.96 -1.05 0.00	36.83 -1.06 0.00	42.09 -1.49 0.00	47.25 -2.03 0.00	44.68 -1.71 0.00	42.57 -1.62 0.00	37.93 -1.44 0.00	36.00 -1.23 0.00	35.81 -1.33 0.00	35.38 -1.24 0.00
EAST_RIVER___1 323558	53.89 2.54 0.00	38.09 1.67 0.00	40.28 1.56 0.00	38.56 1.28 0.00	36.55 1.17 0.00	38.75 1.46 0.00	50.55 2.35 0.00	55.63 2.95 0.00	58.83 3.58 0.00	57.92 3.48 0.00	54.61 3.44 0.00	52.65 3.70 0.00	51.98 3.74 0.00	47.44 3.53 0.00	46.49 3.48 0.00	41.26 3.11 -0.26	46.96 3.38 0.00	53.19 3.91 0.00	50.17 3.78 0.00	47.61 3.42 0.00	42.21 2.84 0.00	39.73 2.51 0.00	39.60 2.46 0.00	39.04 2.43 0.00
EAST_RIVER___2 323559	53.94 2.59 0.00	38.13 1.71 0.00	40.32 1.60 0.00	38.60 1.32 0.00	36.59 1.21 0.00	38.81 1.52 0.00	50.59 2.39 0.00	55.68 3.00 0.00	58.90 3.66 0.00	58.01 3.58 0.00	54.73 3.56 0.00	52.79 3.84 0.00	52.12 3.89 0.00	47.58 3.67 0.00	46.63 3.63 0.00	41.39 3.24 -0.26	47.10 3.52 0.00	53.34 4.06 0.00	50.29 3.90 0.00	47.70 3.51 0.00	42.28 2.92 0.00	39.78 2.56 0.00	39.64 2.50 0.00	39.06 2.45 0.00
EAST___DELAWARE_HYD 23607	54.33 2.98 0.00	38.39 1.97 0.00	40.65 1.92 0.00	39.04 1.77 0.00	37.13 1.75 0.00	39.32 2.02 0.00	51.21 3.01 0.00	56.46 3.78 0.00	59.61 4.36 0.00	58.68 4.24 0.00	55.23 4.06 0.00	53.03 4.09 0.00	52.28 4.05 0.00	47.65 3.75 0.00	46.71 3.70 0.00	41.03 3.25 0.11	47.21 3.63 0.00	53.50 4.22 0.00	50.43 4.04 0.00	47.88 3.69 0.00	42.46 3.09 0.00	40.01 2.78 0.00	39.87 2.73 0.00	39.29 2.68 0.00
EIGHT_POINT___WT_PWR 323820	48.92 -2.43 0.00	35.07 -1.36 0.00	38.18 -0.55 0.00	37.38 0.11 0.00	35.58 0.20 0.00	37.77 0.48 0.00	48.37 0.17 0.00	52.28 -0.40 0.00	54.82 -0.43 0.00	53.77 -0.67 0.00	50.29 -0.88 0.00	47.95 -0.99 0.00	46.07 -2.17 0.00	42.01 -1.90 0.00	40.77 -2.23 0.00	35.61 -2.29 0.00	39.89 -3.68 0.00	45.48 -3.81 -0.01	45.05 -4.03 -2.69	40.20 -4.20 -0.21	35.62 -3.76 0.00	33.93 -3.30 0.00	33.91 -3.23 0.00	33.75 -2.86 0.00
ELBRIDGE_115KV_TB2 80188	50.53 -0.82 0.00	35.77 -0.66 0.00	38.08 -0.65 0.00	36.69 -0.59 0.00	34.77 -0.61 0.00	36.73 -0.56 0.00	47.34 -0.86 0.00	51.70 -0.98 0.00	54.28 -0.97 0.00	53.38 -1.06 0.00	50.03 -1.14 0.00	47.77 -1.18 0.00	46.89 -1.34 0.00	42.70 -1.21 0.00	41.80 -1.21 0.00	36.85 -1.04 0.00	42.28 -1.29 0.00	47.92 -1.36 0.00	45.16 -1.23 0.00	43.11 -1.08 0.00	38.54 -0.82 0.00	36.58 -0.65 0.00	36.49 -0.65 0.00	36.05 -0.56 0.00
ELEC_TRO_TEK 24086	53.92 2.57 0.00	38.06 1.63 0.00	40.18 1.46 0.00	38.52 1.24 0.00	36.51 1.13 0.00	38.76 1.46 0.00	50.47 2.27 0.00	55.42 2.75 0.00	58.58 3.34 0.00	57.78 3.35 0.00	54.61 3.44 0.00	52.66 3.71 0.00	51.95 3.71 0.00	47.56 3.65 0.00	46.59 3.59 0.00	41.39 3.24 -0.26	47.04 3.46 0.00	53.29 4.00 0.00	50.39 4.00 0.00	47.77 3.58 0.00	42.28 2.92 0.00	39.77 2.54 0.00	39.72 2.58 0.00	39.16 2.55 0.00

ELLENBURG_WT_PWR 323604	50.14 -1.21 0.00	35.59 -0.84 0.00	37.56 -1.16 0.00	36.29 -0.98 0.00	34.70 -0.68 0.00	36.94 -0.35 0.00	48.29 0.09 0.00	52.85 0.17 0.00	55.36 0.11 0.00	54.68 0.25 0.00	51.69 0.52 0.00	49.69 0.75 0.00	49.20 0.96 0.00	44.59 0.68 0.00	43.67 0.67 0.00	38.52 0.63 0.00	44.40 0.82 0.00	49.32 0.03 0.00	45.88 -0.51 0.00	43.36 -0.83 0.00	38.43 -0.94 0.00	36.24 -0.99 0.00	36.03 -1.11 0.00	7.94 -1.48 27.20
ELM_ST_23_KV_LD_REV_LBMP_A 345012	49.98 -1.37 0.00	35.51 -0.92 0.00	37.88 -0.84 0.00	36.55 -0.73 0.00	34.56 -0.82 0.00	36.82 -0.48 0.00	46.66 -1.55 0.00	49.82 -2.86 0.00	52.59 -2.66 0.00	51.73 -2.71 0.00	48.23 -2.94 0.00	45.73 -3.22 0.00	44.51 -3.73 0.00	40.69 -3.22 0.00	39.83 -3.17 0.00	35.20 -2.69 0.00	40.24 -3.34 0.00	45.58 -3.70 0.92	41.87 -3.59 0.07	40.72 -3.40 0.00	36.31 -3.06 0.00	34.63 -2.60 0.00	35.06 -2.08 0.00	35.04 -1.58 0.00
EMPIRE_CC_1 323656	52.68 1.33 0.00	37.49 1.07 0.00	39.84 1.11 0.00	38.28 1.00 0.00	36.32 0.94 0.00	38.05 0.75 0.00	49.10 0.89 0.00	53.74 1.06 0.00	56.54 1.29 0.00	55.72 1.28 0.00	52.46 1.29 0.00	50.31 1.37 0.00	49.58 1.34 0.00	45.24 1.33 0.00	44.27 1.26 0.00	38.96 1.00 -0.07	44.63 1.05 0.00	50.44 1.16 0.00	47.50 1.11 0.00	45.59 1.40 0.00	40.70 1.33 0.00	38.27 1.04 0.00	38.11 0.97 0.00	37.60 0.98 0.00
EMPIRE_CC_2 323658	52.68 1.33 0.00	37.49 1.07 0.00	39.84 1.11 0.00	38.28 1.00 0.00	36.32 0.94 0.00	38.05 0.75 0.00	49.10 0.89 0.00	53.74 1.06 0.00	56.54 1.29 0.00	55.72 1.28 0.00	52.46 1.29 0.00	50.31 1.37 0.00	49.58 1.34 0.00	45.24 1.33 0.00	44.27 1.26 0.00	38.96 1.00 -0.07	44.63 1.05 0.00	50.44 1.16 0.00	47.50 1.11 0.00	45.59 1.40 0.00	40.70 1.33 0.00	38.27 1.04 0.00	38.11 0.97 0.00	37.60 0.98 0.00
ENORWICH_115KV_TB1 80156	53.02 1.67 0.00	37.36 0.93 0.00	40.01 1.29 0.00	38.76 1.49 0.00	36.75 1.37 0.00	39.10 1.81 0.00	51.09 2.89 0.00	60.02 7.35 0.00	62.99 7.74 0.00	62.14 7.71 0.00	58.51 7.34 0.00	55.03 6.09 0.00	53.93 5.70 0.00	49.85 5.94 0.00	49.08 6.08 0.00	42.59 4.76 0.06	48.13 4.55 0.00	52.29 3.01 0.00	49.68 3.29 0.00	47.14 2.95 0.00	41.46 2.09 0.00	38.91 1.68 0.00	38.64 1.50 0.00	38.18 1.57 0.00
ERIE_ST__34_KV_TB1-2 80199	51.53 0.18 0.00	36.54 0.12 0.00	39.00 0.27 0.00	37.65 0.37 0.00	35.63 0.25 0.00	37.96 0.67 0.00	48.14 -0.06 0.00	51.70 -0.98 0.00	54.57 -0.68 0.00	53.64 -0.79 0.00	50.01 -1.16 0.00	47.50 -1.45 0.00	46.35 -1.89 0.00	42.31 -1.59 0.00	41.45 -1.55 0.00	36.63 -1.26 0.00	41.85 -1.73 0.00	47.43 -1.86 0.00	43.79 -1.81 0.79	42.36 -1.77 0.06	37.75 -1.62 0.00	35.98 -1.25 0.00	36.37 -0.76 0.00	36.29 -0.32 0.00
ERIE_WT_PWR 323693	50.49 -0.86 0.00	35.90 -0.52 0.00	38.30 -0.42 0.00	36.95 -0.33 0.00	34.94 -0.44 0.00	37.18 -0.11 0.00	47.17 -1.03 0.00	50.46 -2.22 0.00	53.25 -2.00 0.00	52.33 -2.11 0.00	48.82 -2.35 0.00	46.30 -2.65 0.00	45.04 -3.20 0.00	41.16 -2.74 0.00	40.29 -2.71 0.00	35.57 -2.32 0.00	40.65 -2.93 0.00	46.06 -3.21 0.00	42.37 -3.14 0.88	41.17 -2.95 0.07	36.70 -2.67 0.00	35.03 -2.20 0.00	35.38 -1.76 0.00	35.36 -1.25 0.00
ESPRGFLD_115KV_TB1 80157	52.51 1.16 0.00	37.21 0.78 0.00	39.64 0.92 0.00	38.26 0.98 0.00	36.39 1.01 0.00	38.65 1.35 0.00	50.11 1.91 0.00	55.04 2.36 0.00	57.96 2.72 0.00	57.24 2.80 0.00	53.73 2.56 0.00	51.27 2.33 0.00	50.44 2.20 0.00	46.00 2.09 0.00	45.18 2.18 0.00	39.72 1.82 0.00	45.29 1.72 0.00	51.31 2.02 0.00	48.26 1.87 0.00	45.91 1.72 0.00	40.74 1.37 0.00	38.38 1.15 0.00	38.24 1.11 0.00	37.74 1.13 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	51.75 0.40 0.00	36.54 0.12 0.00	38.96 0.24 0.00	37.60 0.32 0.00	35.63 0.25 0.00	37.72 0.43 0.00	48.64 0.44 0.00	53.06 0.38 0.00	55.75 0.50 0.00	54.90 0.46 0.00	51.50 0.33 0.00	49.26 0.31 0.00	48.35 0.12 0.00	44.05 0.14 0.00	43.15 0.15 0.00	38.02 0.13 0.00	43.56 -0.02 0.00	49.59 0.30 0.00	46.85 0.46 0.00	44.60 0.41 0.00	39.65 0.29 0.00	37.52 0.29 0.00	37.38 0.24 0.00	36.91 0.30 0.00
ETNA____115KV_TB2 80207	51.75 0.40 0.00	36.54 0.12 0.00	38.96 0.24 0.00	37.60 0.32 0.00	35.63 0.25 0.00	37.72 0.43 0.00	48.64 0.44 0.00	53.06 0.38 0.00	55.75 0.50 0.00	54.90 0.46 0.00	51.50 0.33 0.00	49.26 0.31 0.00	48.35 0.12 0.00	44.05 0.14 0.00	43.15 0.15 0.00	38.02 0.13 0.00	43.56 -0.02 0.00	49.59 0.30 0.00	46.85 0.46 0.00	44.60 0.41 0.00	39.65 0.29 0.00	37.52 0.29 0.00	37.38 0.24 0.00	36.91 0.30 0.00
EUCLID__115KV_TB2 356179	50.11 -1.24 0.00	35.49 -0.93 0.00	37.77 -0.96 0.00	36.39 -0.89 0.00	34.53 -0.85 0.00	36.47 -0.82 0.00	47.03 -1.17 0.00	51.37 -1.31 0.00	53.97 -1.28 0.00	53.11 -1.32 0.00	49.81 -1.36 0.00	47.56 -1.39 0.00	46.73 -1.50 0.00	42.55 -1.36 0.00	41.68 -1.33 0.00	36.71 -1.18 0.00	42.14 -1.44 0.00	47.70 -1.58 0.00	44.95 -1.44 0.00	42.85 -1.34 0.00	38.26 -1.11 0.00	36.28 -0.95 0.00	36.19 -0.95 0.00	35.76 -0.85 0.00
E_CANADA_CAP_HY 24051	52.88 1.53 0.00	37.53 1.10 0.00	39.93 1.21 0.00	38.53 1.25 0.00	36.64 1.26 0.00	38.92 1.62 0.00	50.50 2.30 0.00	55.36 2.68 0.00	58.08 2.83 0.00	57.35 2.91 0.00	53.78 2.61 0.00	51.35 2.41 0.00	50.59 2.36 0.00	46.16 2.25 0.00	45.31 2.30 0.00	39.88 1.96 -0.03	45.47 1.89 0.00	51.49 2.21 0.00	48.45 2.06 0.00	46.19 2.00 0.00	41.03 1.66 0.00	38.65 1.42 0.00	38.50 1.36 0.00	37.95 1.34 0.00
E_CANADA_MHWK_HY 24050	51.39 0.04 0.00	36.40 -0.02 0.00	38.76 0.04 0.00	37.28 0.01 0.00	35.44 0.06 0.00	37.22 -0.07 0.00	48.28 0.08 0.00	53.32 0.64 0.00	56.25 1.01 0.00	55.50 1.07 0.00	52.36 1.19 0.00	50.20 1.25 0.00	49.40 1.16 0.00	45.09 1.19 0.00	44.12 1.12 0.00	38.79 0.90 0.00	44.00 0.42 0.00	49.85 0.56 0.00	46.99 0.60 0.00	44.91 0.73 0.00	39.91 0.54 0.00	37.47 0.24 0.00	37.22 0.08 0.00	36.51 -0.10 0.00
E_FISHKILL__LBMP 23776	53.41 2.06 0.00	37.77 1.34 0.00	39.98 1.26 0.00	38.35 1.07 0.00	36.39 1.01 0.00	38.48 1.19 0.00	50.07 1.87 0.00	55.07 2.39 0.00	58.15 2.90 0.00	57.26 2.83 0.00	53.96 2.79 0.00	51.94 3.00 0.00	51.22 2.98 0.00	46.74 2.84 0.00	45.77 2.77 0.00	40.52 2.44 -0.19	46.24 2.67 0.00	52.40 3.12 0.00	49.42 3.02 0.00	46.93 2.74 0.00	41.65 2.28 0.00	39.25 2.03 0.00	39.15 2.01 0.00	38.59 1.97 0.00
FALCON__SEABRD_CC1 323796	50.40 -0.95 0.00	35.73 -0.70 0.00	37.74 -0.99 0.00	36.50 -0.78 0.00	34.87 -0.51 0.00	37.12 -0.17 0.00	48.60 0.40 0.00	53.26 0.58 0.00	55.82 0.57 0.00	55.06 0.62 0.00	52.07 0.90 0.00	50.05 1.11 0.00	49.56 1.32 0.00	44.94 1.03 0.00	44.02 1.02 0.00	38.82 0.93 0.00	44.74 1.17 0.00	49.74 0.45 0.00	46.22 -0.17 0.00	43.64 -0.55 0.00	38.69 -0.67 0.00	36.45 -0.77 0.00	36.30 -0.84 0.00	6.46 -1.26 28.89

FALCON___SEABRD_CC2 323797	50.40 -0.95 0.00	35.73 -0.70 0.00	37.74 -0.99 0.00	36.50 -0.78 0.00	34.87 -0.51 0.00	37.12 -0.17 0.00	48.60 0.40 0.00	53.26 0.58 0.00	55.82 0.57 0.00	55.06 0.62 0.00	52.07 0.90 0.00	50.05 1.11 0.00	49.56 1.32 0.00	44.94 1.03 0.00	44.02 1.02 0.00	38.82 0.93 0.00	44.74 1.17 0.00	49.74 0.45 0.00	46.22 -0.17 0.00	43.64 -0.55 0.00	38.69 -0.67 0.00	36.45 -0.77 0.00	36.30 -0.84 0.00	6.46 -1.26 28.89
FAR ROCKAWAY___4 23548	54.55 3.20 0.00	38.47 2.04 0.00	40.61 1.89 0.00	38.95 1.68 0.00	36.90 1.52 0.00	39.20 1.90 0.00	51.07 2.87 0.00	56.10 3.43 0.00	59.31 4.06 0.00	58.49 4.05 0.00	55.30 4.14 0.00	53.31 4.37 0.00	52.59 4.36 0.00	48.19 4.28 0.00	47.20 4.19 0.00	41.92 3.77 -0.26	47.65 4.07 0.00	54.02 4.73 0.00	51.06 4.67 0.00	48.40 4.21 0.00	42.83 3.46 0.00	40.27 3.05 0.00	40.22 3.08 0.00	39.65 3.04 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	53.93 2.58 0.00	38.11 1.68 0.00	40.29 1.57 0.00	38.57 1.29 0.00	36.57 1.19 0.00	38.77 1.47 0.00	50.57 2.37 0.00	55.66 2.98 0.00	58.84 3.60 0.00	57.93 3.50 0.00	54.61 3.45 0.00	52.64 3.69 0.00	51.98 3.74 0.00	47.44 3.53 0.00	46.48 3.48 0.00	41.25 3.10 -0.26	46.95 3.38 0.00	53.19 3.90 0.00	50.18 3.79 0.00	47.62 3.43 0.00	42.22 2.85 0.00	39.75 2.52 0.00	39.63 2.49 0.00	39.07 2.46 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	53.85 2.50 0.00	38.07 1.64 0.00	40.24 1.52 0.00	38.53 1.25 0.00	36.53 1.15 0.00	38.72 1.42 0.00	50.51 2.31 0.00	55.58 2.90 0.00	58.77 3.52 0.00	57.85 3.42 0.00	54.54 3.37 0.00	52.58 3.64 0.00	51.90 3.66 0.00	47.38 3.47 0.00	46.40 3.40 0.00	41.19 3.04 -0.26	46.89 3.31 0.00	53.11 3.82 0.00	50.11 3.72 0.00	47.56 3.37 0.00	42.17 2.80 0.00	39.70 2.48 0.00	39.58 2.44 0.00	39.02 2.41 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	53.89 2.54 0.00	38.09 1.67 0.00	40.28 1.55 0.00	38.55 1.27 0.00	36.54 1.17 0.00	38.75 1.46 0.00	50.55 2.35 0.00	55.63 2.95 0.00	58.83 3.58 0.00	57.91 3.47 0.00	54.59 3.42 0.00	52.63 3.68 0.00	51.95 3.71 0.00	47.43 3.52 0.00	46.46 3.45 0.00	41.23 3.08 -0.26	46.93 3.35 0.00	53.16 3.88 0.00	50.16 3.76 0.00	47.60 3.41 0.00	42.20 2.83 0.00	39.73 2.50 0.00	39.61 2.46 0.00	39.06 2.44 0.00
FARRAGUT___LBMP 323566	53.85 2.50 0.00	38.07 1.64 0.00	40.24 1.52 0.00	38.53 1.25 0.00	36.53 1.15 0.00	38.72 1.42 0.00	50.51 2.31 0.00	55.58 2.90 0.00	58.77 3.52 0.00	57.85 3.42 0.00	54.54 3.37 0.00	52.58 3.64 0.00	51.90 3.66 0.00	47.38 3.47 0.00	46.40 3.40 0.00	41.19 3.04 -0.26	46.89 3.31 0.00	53.11 3.82 0.00	50.11 3.72 0.00	47.56 3.37 0.00	42.17 2.80 0.00	39.70 2.48 0.00	39.58 2.44 0.00	39.02 2.41 0.00
FENNER___WINDPWR 24204	51.55 0.20 0.00	36.53 0.11 0.00	38.92 0.20 0.00	37.59 0.31 0.00	35.76 0.38 0.00	37.80 0.51 0.00	48.91 0.71 0.00	53.63 0.95 0.00	56.50 1.25 0.00	55.72 1.28 0.00	52.28 1.11 0.00	49.92 0.97 0.00	49.15 0.92 0.00	44.80 0.89 0.00	43.88 0.87 0.00	38.48 0.59 0.00	44.01 0.43 0.00	49.74 0.46 0.00	46.98 0.59 0.00	44.57 0.39 0.00	39.61 0.24 0.00	37.45 0.22 0.00	37.27 0.12 0.00	36.73 0.12 0.00
FIBERTEK___ENERGY 23856	50.76 -0.60 0.00	35.92 -0.50 0.00	38.24 -0.49 0.00	36.84 -0.44 0.00	34.94 -0.44 0.00	36.92 -0.37 0.00	47.62 -0.58 0.00	52.01 -0.67 0.00	54.62 -0.63 0.00	53.73 -0.70 0.00	50.37 -0.80 0.00	48.09 -0.86 0.00	47.23 -1.01 0.00	43.01 -0.90 0.00	42.11 -0.89 0.00	37.11 -0.78 0.00	42.59 -0.99 0.00	48.26 -1.03 0.00	45.47 -0.91 0.00	43.38 -0.81 0.00	38.77 -0.60 0.00	36.79 -0.44 0.00	36.68 -0.46 0.00	36.22 -0.39 0.00
FITZPATRICK____ 23598	49.38 -1.97 0.00	35.00 -1.43 0.00	37.24 -1.48 0.00	35.87 -1.41 0.00	34.04 -1.34 0.00	35.93 -1.36 0.00	46.33 -1.87 0.00	50.58 -2.09 0.00	53.12 -2.13 0.00	52.28 -2.16 0.00	49.05 -2.12 0.00	46.82 -2.12 0.00	46.04 -2.20 0.00	41.92 -1.99 0.00	41.04 -1.97 0.00	36.16 -1.73 0.00	41.53 -2.05 0.00	47.00 -2.29 0.00	44.26 -2.12 0.00	42.21 -1.98 0.00	37.69 -1.68 0.00	35.73 -1.49 0.00	35.65 -1.49 0.00	35.23 -1.39 0.00
FLOWRFLD_69_KV_BK1 356044	54.31 2.96 0.00	38.24 1.81 0.00	40.32 1.59 0.00	38.66 1.38 0.00	36.63 1.25 0.00	38.97 1.68 0.00	50.78 2.58 0.00	55.71 3.04 0.00	59.01 3.76 0.00	58.30 3.87 0.00	55.22 4.05 0.00	53.45 4.50 0.00	52.73 4.50 0.00	48.40 4.49 0.00	47.36 4.36 0.00	42.25 4.10 -0.26	47.96 4.38 0.00	54.38 5.09 0.00	51.49 5.10 0.00	48.72 4.53 0.00	43.01 3.64 0.00	40.29 3.07 0.00	40.30 3.16 0.00	39.67 3.05 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	54.08 2.73 0.00	38.22 1.80 0.00	40.46 1.73 0.00	38.81 1.53 0.00	36.87 1.50 0.00	39.02 1.73 0.00	50.84 2.64 0.00	55.96 3.28 0.00	59.07 3.82 0.00	58.16 3.72 0.00	54.80 3.63 0.00	52.73 3.79 0.00	51.99 3.75 0.00	47.41 3.50 0.00	46.44 3.44 0.00	40.97 3.04 -0.04	47.00 3.42 0.00	53.25 3.96 0.00	50.21 3.82 0.00	47.65 3.47 0.00	42.27 2.90 0.00	39.81 2.59 0.00	39.68 2.54 0.00	39.08 2.47 0.00
FORT ORANGE____ 23900	52.94 1.59 0.00	37.56 1.13 0.00	39.91 1.19 0.00	38.36 1.08 0.00	36.38 1.00 0.00	38.01 0.71 0.00	49.21 1.01 0.00	53.92 1.24 0.00	56.75 1.50 0.00	55.88 1.44 0.00	52.60 1.43 0.00	50.41 1.46 0.00	49.69 1.45 0.00	45.31 1.40 0.00	44.35 1.34 0.00	39.06 1.11 -0.05	44.83 1.26 0.00	50.70 1.41 0.00	47.74 1.35 0.00	45.56 1.38 0.00	40.60 1.24 0.00	38.26 1.04 0.00	38.10 0.96 0.00	37.48 0.87 0.00
FORT_DRUM_COGEN 23780	48.51 -2.84 0.00	34.42 -2.00 0.00	36.65 -2.07 0.00	35.79 -1.49 0.00	34.34 -1.04 0.00	36.40 -0.90 0.00	47.58 -0.62 0.00	52.42 -0.25 0.00	55.87 0.63 0.00	55.43 0.99 0.00	52.33 1.16 0.00	49.16 0.22 0.00	48.96 0.72 0.00	44.53 0.62 0.00	43.78 0.78 0.00	37.97 0.08 0.00	42.92 -0.66 0.00	47.38 -1.91 0.00	45.09 -1.30 0.00	42.81 -1.37 0.00	37.33 -2.04 0.00	35.31 -1.92 0.00	34.85 -2.29 0.00	34.44 -2.17 0.00
FOX_HILLS___ESR 323835	54.10 2.75 0.00	38.27 1.85 0.00	40.45 1.73 0.00	38.74 1.46 0.00	36.74 1.36 0.00	38.87 1.57 0.00	50.65 2.46 0.00	55.70 3.03 0.00	58.80 3.55 0.00	57.84 3.40 0.00	54.53 3.36 0.00	52.63 3.69 0.00	51.98 3.75 0.00	47.44 3.53 0.00	46.49 3.48 0.00	41.20 3.05 -0.26	46.89 3.32 0.00	53.12 3.84 0.00	50.17 3.78 0.00	47.68 3.49 0.00	42.24 2.88 0.00	39.80 2.58 0.00	39.68 2.54 0.00	39.14 2.53 0.00
FPL FAR_ROCK_GT1 24212	54.55 3.20 0.00	38.47 2.04 0.00	40.61 1.89 0.00	38.96 1.68 0.00	36.90 1.52 0.00	39.19 1.90 0.00	51.07 2.87 0.00	56.10 3.43 0.00	59.31 4.06 0.00	58.49 4.06 0.00	55.30 4.13 0.00	53.31 4.37 0.00	52.59 4.36 0.00	48.19 4.28 0.00	47.19 4.19 0.00	41.92 3.77 -0.26	47.65 4.07 0.00	54.02 4.73 0.00	51.05 4.66 0.00	48.41 4.22 0.00	42.83 3.46 0.00	40.27 3.05 0.00	40.22 3.08 0.00	39.65 3.04 0.00

FPL FAR_ROCK_GT2 23815	54.55 3.20 0.00	38.47 2.04 0.00	40.61 1.89 0.00	38.96 1.68 0.00	36.90 1.52 0.00	39.19 1.90 0.00	51.07 2.87 0.00	56.10 3.43 0.00	59.31 4.06 0.00	58.49 4.06 0.00	55.30 4.13 0.00	53.31 4.37 0.00	52.59 4.36 0.00	48.19 4.28 0.00	47.19 4.19 0.00	41.92 3.77 -0.26	47.65 4.07 0.00	54.02 4.73 0.00	51.05 4.66 0.00	48.41 4.22 0.00	42.83 3.46 0.00	40.27 3.05 0.00	40.22 3.08 0.00	39.65 3.04 0.00
FRANKLIN_FALL_HYD 24054	50.67 -0.68 0.00	36.00 -0.43 0.00	38.01 -0.71 0.00	36.78 -0.49 0.00	34.92 -0.46 0.00	36.91 -0.39 0.00	48.23 0.03 0.00	53.01 0.33 0.00	55.88 0.63 0.00	55.23 0.80 0.00	52.22 1.05 0.00	50.10 1.16 0.00	49.48 1.24 0.00	44.80 0.90 0.00	43.88 0.87 0.00	38.48 0.59 0.00	44.19 0.61 0.00	48.98 -0.30 0.00	45.70 -0.68 0.00	43.21 -0.98 0.00	38.13 -1.24 0.00	35.95 -1.28 0.00	35.88 -1.26 0.00	37.29 -1.24 -1.92
FREEPORT_EQUS_GT1 23764	54.22 2.87 0.00	38.23 1.80 0.00	40.35 1.62 0.00	38.68 1.40 0.00	36.65 1.27 0.00	38.94 1.64 0.00	50.71 2.51 0.00	55.68 3.00 0.00	58.87 3.62 0.00	58.07 3.64 0.00	54.90 3.73 0.00	52.96 4.02 0.00	52.26 4.02 0.00	47.89 3.98 0.00	46.91 3.91 0.00	41.69 3.54 -0.26	47.36 3.78 0.00	53.56 4.28 0.00	50.80 4.41 0.00	48.14 3.96 0.00	42.61 3.24 0.00	40.03 2.80 0.00	40.01 2.87 0.00	39.40 2.78 0.00
FREEPORT___CT2 23818	54.22 2.87 0.00	38.23 1.80 0.00	40.35 1.62 0.00	38.68 1.40 0.00	36.65 1.27 0.00	38.94 1.64 0.00	50.71 2.51 0.00	55.68 3.00 0.00	58.87 3.62 0.00	58.07 3.64 0.00	54.90 3.73 0.00	52.96 4.02 0.00	52.26 4.02 0.00	47.89 3.98 0.00	46.91 3.91 0.00	41.69 3.54 -0.26	47.36 3.78 0.00	53.56 4.28 0.00	50.80 4.41 0.00	48.14 3.96 0.00	42.61 3.24 0.00	40.03 2.80 0.00	40.01 2.87 0.00	39.40 2.78 0.00
FRESHKLS_33_KV_LOAD 356253	54.14 2.79 0.00	38.31 1.89 0.00	40.50 1.78 0.00	38.79 1.51 0.00	36.78 1.40 0.00	38.89 1.60 0.00	50.70 2.50 0.00	55.76 3.09 0.00	58.83 3.58 0.00	57.84 3.41 0.00	54.50 3.33 0.00	52.63 3.68 0.00	51.98 3.75 0.00	47.44 3.53 0.00	46.48 3.48 0.00	41.21 3.06 -0.26	46.89 3.32 0.00	53.13 3.85 0.00	50.19 3.80 0.00	47.69 3.50 0.00	42.24 2.87 0.00	39.81 2.58 0.00	39.69 2.55 0.00	39.15 2.54 0.00
FULTON COGEN____ 23766	49.83 -1.52 0.00	35.30 -1.13 0.00	37.56 -1.16 0.00	36.18 -1.09 0.00	34.34 -1.04 0.00	36.28 -1.01 0.00	46.78 -1.42 0.00	51.09 -1.58 0.00	53.64 -1.61 0.00	52.75 -1.69 0.00	49.43 -1.74 0.00	47.15 -1.80 0.00	46.33 -1.90 0.00	42.17 -1.74 0.00	41.29 -1.72 0.00	36.39 -1.50 0.00	41.76 -1.81 0.00	47.27 -2.02 0.00	44.55 -1.84 0.00	42.47 -1.71 0.00	38.03 -1.34 0.00	36.09 -1.13 0.00	36.02 -1.12 0.00	35.58 -1.03 0.00
FULTON___LFGE 323630	53.71 2.36 0.00	38.06 1.63 0.00	40.48 1.76 0.00	39.01 1.73 0.00	37.07 1.69 0.00	39.28 1.99 0.00	51.01 2.81 0.00	55.97 3.30 0.00	58.74 3.49 0.00	57.90 3.47 0.00	54.35 3.18 0.00	51.92 2.97 0.00	51.18 2.95 0.00	46.66 2.75 0.00	45.76 2.76 0.00	40.33 2.40 -0.04	46.15 2.57 0.00	52.33 3.05 0.00	49.26 2.87 0.00	46.93 2.75 0.00	41.69 2.33 0.00	39.25 2.03 0.00	39.06 1.92 0.00	38.44 1.83 0.00
G.F.CEMENT___DRP 24184	55.69 4.34 0.00	39.37 2.95 0.00	41.78 3.06 0.00	40.20 2.92 0.00	38.14 2.76 0.00	40.18 2.89 0.00	51.82 3.62 0.00	57.04 4.37 0.00	60.16 4.91 0.00	59.24 4.80 0.00	55.65 4.48 0.00	53.31 4.37 0.00	52.56 4.32 0.00	47.92 4.01 0.00	46.88 3.88 0.00	41.27 3.33 -0.06	47.53 3.95 0.00	53.75 4.46 0.00	50.56 4.17 0.00	48.28 4.09 0.00	42.91 3.54 0.00	40.52 3.29 0.00	40.22 3.08 0.00	39.37 2.76 0.00
GARDENVILLE___LBMP 24039	50.27 -1.08 0.00	35.72 -0.71 0.00	38.11 -0.61 0.00	36.78 -0.50 0.00	34.78 -0.60 0.00	37.05 -0.25 0.00	46.96 -1.24 0.00	50.21 -2.47 0.00	52.98 -2.26 0.00	52.09 -2.34 0.00	48.56 -2.61 0.00	46.05 -2.90 0.00	44.79 -3.45 0.00	40.96 -2.95 0.00	40.09 -2.92 0.00	35.40 -2.49 0.00	40.46 -3.12 0.00	45.82 -3.46 0.00	42.02 -3.36 1.02	40.91 -3.20 0.08	36.50 -2.87 0.00	34.82 -2.41 0.00	35.22 -1.92 0.00	35.18 -1.43 0.00
GARDNVLA_35_KV_LD 355827	50.55 -0.80 0.00	35.91 -0.52 0.00	38.32 -0.40 0.00	36.97 -0.31 0.00	34.96 -0.42 0.00	37.24 -0.05 0.00	47.21 -0.99 0.00	50.52 -2.16 0.00	53.32 -1.93 0.00	52.43 -2.01 0.00	48.88 -2.29 0.00	46.35 -2.60 0.00	45.10 -3.14 0.00	41.23 -2.68 0.00	40.36 -2.64 0.00	35.64 -2.24 0.00	40.74 -2.83 0.00	46.17 -3.11 0.00	42.52 -3.03 0.84	41.24 -2.88 0.06	36.78 -2.59 0.00	35.08 -2.14 0.00	35.47 -1.67 0.00	35.41 -1.20 0.00
GELCKHM___115KV_LOAD 80723	50.35 -1.00 0.00	35.66 -0.77 0.00	37.94 -0.78 0.00	36.56 -0.72 0.00	34.69 -0.69 0.00	36.64 -0.65 0.00	47.25 -0.95 0.00	51.60 -1.08 0.00	54.22 -1.03 0.00	53.35 -1.08 0.00	50.03 -1.14 0.00	47.77 -1.17 0.00	46.93 -1.31 0.00	42.73 -1.18 0.00	41.84 -1.16 0.00	36.87 -1.02 0.00	42.32 -1.26 0.00	47.92 -1.36 0.00	45.15 -1.24 0.00	43.05 -1.14 0.00	38.45 -0.92 0.00	36.47 -0.75 0.00	36.38 -0.76 0.00	35.93 -0.68 0.00
GENERAL___MILLS 23808	50.47 -0.88 0.00	35.86 -0.57 0.00	38.27 -0.46 0.00	36.93 -0.35 0.00	34.92 -0.46 0.00	37.18 -0.11 0.00	47.15 -1.05 0.00	50.44 -2.24 0.00	53.24 -2.00 0.00	52.33 -2.11 0.00	48.79 -2.38 0.00	46.27 -2.68 0.00	45.02 -3.22 0.00	41.16 -2.75 0.00	40.30 -2.71 0.00	35.58 -2.31 0.00	40.66 -2.91 0.00	46.07 -3.21 0.00	42.38 -3.13 0.88	41.15 -2.97 0.07	36.70 -2.67 0.00	35.01 -2.22 0.00	35.39 -1.75 0.00	35.35 -1.26 0.00
GE_PLASTICS___DRP 24183	52.61 1.26 0.00	37.33 0.90 0.00	39.68 0.96 0.00	38.14 0.86 0.00	36.18 0.80 0.00	37.87 0.57 0.00	48.97 0.77 0.00	53.64 0.96 0.00	56.44 1.19 0.00	55.58 1.14 0.00	52.31 1.14 0.00	50.13 1.19 0.00	49.41 1.18 0.00	45.06 1.15 0.00	44.11 1.11 0.00	38.85 0.90 -0.06	44.58 1.00 0.00	50.41 1.12 0.00	47.47 1.08 0.00	45.29 1.10 0.00	40.35 0.98 0.00	38.05 0.83 0.00	37.92 0.78 0.00	37.35 0.73 0.00
GILBOA___1 23756	52.83 1.48 0.00	37.44 1.01 0.00	39.90 1.18 0.00	38.38 1.10 0.00	36.41 1.03 0.00	38.13 0.83 0.00	49.11 0.91 0.00	53.82 1.15 0.00	56.65 1.40 0.00	55.81 1.37 0.00	52.49 1.32 0.00	50.34 1.39 0.00	49.58 1.35 0.00	45.22 1.31 0.00	44.26 1.25 0.00	38.99 1.07 -0.03	44.71 1.14 0.00	50.63 1.34 0.00	47.69 1.30 0.00	45.41 1.22 0.00	40.42 1.05 0.00	38.15 0.92 0.00	38.04 0.90 0.00	37.50 0.88 0.00
GILBOA___2 23757	52.83 1.48 0.00	37.44 1.01 0.00	39.90 1.18 0.00	38.38 1.10 0.00	36.41 1.03 0.00	38.13 0.83 0.00	49.11 0.91 0.00	53.82 1.15 0.00	56.65 1.40 0.00	55.81 1.37 0.00	52.49 1.32 0.00	50.34 1.39 0.00	49.58 1.35 0.00	45.22 1.31 0.00	44.26 1.25 0.00	38.99 1.07 -0.03	44.71 1.14 0.00	50.63 1.34 0.00	47.69 1.30 0.00	45.41 1.22 0.00	40.42 1.05 0.00	38.15 0.92 0.00	38.04 0.90 0.00	37.50 0.88 0.00

GILBOA___3 23758	52.83 1.48 0.00	37.44 1.01 0.00	39.90 1.18 0.00	38.38 1.10 0.00	36.41 1.03 0.00	38.13 0.83 0.00	49.11 0.91 0.00	53.82 1.15 0.00	56.65 1.40 0.00	55.81 1.37 0.00	52.49 1.32 0.00	50.34 1.39 0.00	49.58 1.35 0.00	45.22 1.31 0.00	44.26 1.25 0.00	38.99 1.07 -0.03	44.71 1.14 0.00	50.63 1.34 0.00	47.69 1.30 0.00	45.41 1.22 0.00	40.42 1.05 0.00	38.15 0.92 0.00	38.04 0.90 0.00	37.50 0.88 0.00
GILBOA___4 23759	52.83 1.48 0.00	37.44 1.01 0.00	39.90 1.18 0.00	38.38 1.10 0.00	36.41 1.03 0.00	38.13 0.83 0.00	49.11 0.91 0.00	53.82 1.15 0.00	56.65 1.40 0.00	55.81 1.37 0.00	52.49 1.32 0.00	50.34 1.39 0.00	49.58 1.35 0.00	45.22 1.31 0.00	44.26 1.25 0.00	38.99 1.07 -0.03	44.71 1.14 0.00	50.63 1.34 0.00	47.69 1.30 0.00	45.41 1.22 0.00	40.42 1.05 0.00	38.15 0.92 0.00	38.04 0.90 0.00	37.50 0.88 0.00
GILBOA___ 23599	52.83 1.48 0.00	37.44 1.01 0.00	39.90 1.18 0.00	38.38 1.10 0.00	36.41 1.03 0.00	38.13 0.83 0.00	49.11 0.91 0.00	53.82 1.15 0.00	56.65 1.40 0.00	55.81 1.37 0.00	52.49 1.33 0.00	50.34 1.39 0.00	49.59 1.35 0.00	45.22 1.31 0.00	44.26 1.25 0.00	38.99 1.07 -0.03	44.71 1.14 0.00	50.63 1.35 0.00	47.69 1.30 0.00	45.41 1.22 0.00	40.42 1.05 0.00	38.15 0.92 0.00	38.04 0.91 0.00	37.50 0.89 0.00
GINNA___ 23603	47.78 -3.57 0.00	33.90 -2.52 0.00	36.09 -2.63 0.00	34.79 -2.49 0.00	32.99 -2.39 0.00	35.02 -2.27 0.00	44.99 -3.21 0.00	48.68 -3.99 0.00	51.25 -3.99 0.00	50.40 -4.04 0.00	47.20 -3.97 0.00	44.94 -4.01 0.00	44.04 -4.19 0.00	40.17 -3.74 0.00	39.34 -3.66 0.00	34.79 -3.10 0.00	39.94 -3.63 0.00	45.24 -4.04 0.00	42.55 -3.84 0.00	40.56 -3.63 0.00	36.13 -3.24 0.00	34.27 -2.96 0.00	34.35 -2.79 0.00	34.07 -2.54 0.00
GLEN PARK___ 23778	48.72 -2.63 0.00	34.55 -1.88 0.00	36.77 -1.95 0.00	35.90 -1.38 0.00	34.45 -0.93 0.00	36.54 -0.75 0.00	47.78 -0.42 0.00	52.66 -0.01 0.00	56.10 0.85 0.00	55.67 1.23 0.00	52.56 1.39 0.00	49.37 0.42 0.00	49.15 0.91 0.00	44.70 0.80 0.00	43.94 0.94 0.00	38.17 0.28 0.00	43.21 -0.37 0.00	47.74 -1.55 0.00	45.40 -0.99 0.00	43.09 -1.10 0.00	37.60 -1.77 0.00	35.56 -1.67 0.00	35.09 -2.05 0.00	34.65 -1.97 0.00
GLENDALE_27_KV_LOAD 356172	54.06 2.71 0.00	38.21 1.79 0.00	40.39 1.67 0.00	38.66 1.39 0.00	36.67 1.29 0.00	38.87 1.58 0.00	50.72 2.52 0.00	55.85 3.18 0.00	59.06 3.81 0.00	58.11 3.67 0.00	54.74 3.57 0.00	52.79 3.84 0.00	52.11 3.87 0.00	47.57 3.67 0.00	46.61 3.60 0.00	41.36 3.21 -0.26	47.08 3.50 0.00	53.33 4.05 0.00	50.33 3.94 0.00	47.79 3.61 0.00	42.36 2.99 0.00	39.90 2.67 0.00	39.76 2.62 0.00	39.22 2.61 0.00
GLENWOOD_IC_1_G5 23712	53.97 2.62 0.00	38.10 1.67 0.00	40.27 1.54 0.00	38.58 1.31 0.00	36.60 1.22 0.00	38.81 1.52 0.00	50.57 2.37 0.00	55.59 2.92 0.00	58.77 3.52 0.00	57.93 3.49 0.00	54.68 3.51 0.00	52.73 3.78 0.00	52.02 3.79 0.00	47.57 3.66 0.00	46.59 3.58 0.00	41.37 3.22 -0.26	47.06 3.49 0.00	53.33 4.05 0.00	50.38 3.99 0.00	47.77 3.58 0.00	42.32 2.95 0.00	39.81 2.59 0.00	39.75 2.61 0.00	39.16 2.54 0.00
GLENWOOD_IC_2_G1 23688	53.78 2.43 0.00	37.99 1.56 0.00	40.15 1.43 0.00	38.49 1.21 0.00	36.52 1.14 0.00	38.70 1.40 0.00	50.41 2.21 0.00	55.42 2.74 0.00	58.55 3.31 0.00	57.71 3.28 0.00	54.44 3.28 0.00	52.46 3.52 0.00	51.77 3.53 0.00	47.30 3.39 0.00	46.33 3.33 0.00	41.13 2.98 -0.26	46.81 3.23 0.00	53.04 3.76 0.00	50.08 3.69 0.00	47.51 3.32 0.00	42.11 2.74 0.00	39.63 2.40 0.00	39.55 2.41 0.00	38.98 2.37 0.00
GLENWOOD_IC_3_G1 23689	53.78 2.43 0.00	37.99 1.56 0.00	40.15 1.43 0.00	38.49 1.21 0.00	36.52 1.14 0.00	38.70 1.40 0.00	50.41 2.21 0.00	55.42 2.74 0.00	58.55 3.31 0.00	57.71 3.28 0.00	54.44 3.28 0.00	52.46 3.52 0.00	51.77 3.53 0.00	47.30 3.39 0.00	46.33 3.33 0.00	41.13 2.98 -0.26	46.81 3.23 0.00	53.04 3.76 0.00	50.08 3.69 0.00	47.51 3.32 0.00	42.11 2.74 0.00	39.63 2.40 0.00	39.55 2.41 0.00	38.98 2.37 0.00
GLENWOOD___4 23550	53.97 2.62 0.00	38.10 1.67 0.00	40.27 1.54 0.00	38.58 1.31 0.00	36.60 1.22 0.00	38.81 1.52 0.00	50.57 2.37 0.00	55.59 2.92 0.00	58.77 3.52 0.00	57.93 3.49 0.00	54.68 3.51 0.00	52.73 3.78 0.00	52.02 3.79 0.00	47.57 3.66 0.00	46.59 3.58 0.00	41.37 3.22 -0.26	47.06 3.49 0.00	53.33 4.05 0.00	50.38 3.99 0.00	47.77 3.58 0.00	42.32 2.95 0.00	39.81 2.59 0.00	39.75 2.61 0.00	39.16 2.54 0.00
GLENWOOD___5 23614	53.97 2.62 0.00	38.10 1.67 0.00	40.27 1.54 0.00	38.58 1.31 0.00	36.60 1.22 0.00	38.81 1.52 0.00	50.57 2.37 0.00	55.59 2.92 0.00	58.77 3.52 0.00	57.93 3.49 0.00	54.68 3.51 0.00	52.73 3.78 0.00	52.02 3.79 0.00	47.57 3.66 0.00	46.59 3.58 0.00	41.37 3.22 -0.26	47.06 3.49 0.00	53.33 4.05 0.00	50.38 3.99 0.00	47.77 3.58 0.00	42.32 2.95 0.00	39.81 2.59 0.00	39.75 2.61 0.00	39.16 2.54 0.00
GLOBAL GREEN_PORT_GT1 23814	53.29 1.95 0.00	37.44 1.01 0.00	39.43 0.71 0.00	37.79 0.52 0.00	35.82 0.45 0.00	38.25 0.95 0.00	50.00 1.80 0.00	54.91 2.23 0.00	58.24 2.99 0.00	57.68 3.24 0.00	54.61 3.44 0.00	54.28 5.33 0.00	53.90 5.67 0.00	49.76 5.86 0.00	48.49 5.49 0.00	43.42 5.28 -0.26	49.41 5.83 0.00	55.98 6.70 0.00	52.99 6.61 0.00	49.90 5.71 0.00	43.36 4.00 0.00	40.17 2.95 0.00	39.62 2.48 0.00	38.89 2.28 0.00
GLOBE___DSASP 323697	48.28 -3.07 0.00	34.33 -2.10 0.00	36.60 -2.12 0.00	35.30 -1.98 0.00	33.35 -2.03 0.00	35.56 -1.73 0.00	44.92 -3.28 0.00	47.63 -5.04 0.00	50.32 -4.93 0.00	49.51 -4.92 0.00	46.16 -5.01 0.00	43.76 -5.19 0.00	42.61 -5.63 0.00	38.96 -4.95 0.00	38.14 -4.86 0.00	33.80 -4.09 0.00	38.68 -4.89 0.00	43.82 -5.47 0.00	40.44 -5.26 0.69	39.21 -4.93 0.05	34.98 -4.39 0.00	33.36 -3.86 0.00	33.94 -3.20 0.00	34.02 -2.59 0.00
GOETHSLN___LBMP 323567	53.70 2.35 0.00	37.97 1.54 0.00	40.12 1.40 0.00	38.43 1.15 0.00	36.45 1.07 0.00	38.64 1.35 0.00	50.41 2.21 0.00	55.43 2.76 0.00	58.57 3.32 0.00	57.63 3.19 0.00	54.34 3.18 0.00	52.41 3.47 0.00	51.75 3.52 0.00	47.24 3.34 0.00	46.29 3.28 0.00	41.07 2.92 -0.26	46.75 3.17 0.00	52.98 3.70 0.00	49.98 3.59 0.00	47.42 3.24 0.00	42.05 2.68 0.00	39.59 2.37 0.00	39.48 2.34 0.00	38.94 2.33 0.00
GOLAH___69_KV_TB 1_2 80279	50.22 -1.13 0.00	35.66 -0.77 0.00	37.93 -0.79 0.00	36.60 -0.68 0.00	34.65 -0.73 0.00	36.85 -0.44 0.00	47.25 -0.95 0.00	50.86 -1.82 0.00	53.64 -1.61 0.00	52.74 -1.70 0.00	49.31 -1.86 0.00	46.91 -2.04 0.00	45.89 -2.34 0.00	41.91 -1.99 0.00	41.04 -1.97 0.00	36.30 -1.58 0.00	41.65 -1.93 0.00	47.22 -2.06 0.00	44.43 -1.96 0.00	42.32 -1.87 0.00	37.69 -1.68 0.00	35.76 -1.46 0.00	35.95 -1.19 0.00	35.72 -0.89 0.00

GOODYEAR_LAKE_HYD 323669	52.57 1.21 0.00	37.20 0.78 0.00	39.63 0.91 0.00	38.21 0.93 0.00	36.30 0.93 0.00	38.40 1.11 0.00	49.71 1.51 0.00	54.58 1.90 0.00	57.57 2.32 0.00	56.79 2.35 0.00	53.36 2.19 0.00	50.98 2.03 0.00	50.14 1.90 0.00	45.75 1.84 0.00	44.88 1.87 0.00	39.42 1.56 0.03	45.10 1.52 0.00	51.18 1.90 0.00	48.15 1.77 0.00	45.78 1.59 0.00	40.64 1.27 0.00	38.32 1.10 0.00	38.20 1.06 0.00	37.70 1.09 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	51.28 -0.07 0.00	36.14 -0.28 0.00	38.62 -0.11 0.00	37.31 0.03 0.00	35.35 -0.03 0.00	37.40 0.11 0.00	48.08 -0.12 0.00	52.66 -0.02 0.00	55.25 0.00 0.00	54.44 0.00 0.00	51.09 -0.08 0.00	48.89 -0.06 0.00	47.97 -0.27 0.00	43.70 -0.21 0.00	42.80 -0.20 0.00	37.67 -0.19 0.03	43.07 -0.51 0.00	48.99 -0.29 0.00	46.27 -0.22 -0.10	43.90 -0.29 -0.01	39.07 -0.30 0.00	36.95 -0.28 0.00	36.87 -0.27 0.00	36.46 -0.15 0.00
GOUDEY___7 23579	51.28 -0.07 0.00	36.14 -0.28 0.00	38.62 -0.11 0.00	37.31 0.03 0.00	35.35 -0.03 0.00	37.40 0.11 0.00	48.08 -0.12 0.00	52.66 -0.02 0.00	55.25 0.00 0.00	54.44 0.00 0.00	51.09 -0.08 0.00	48.89 -0.06 0.00	47.97 -0.27 0.00	43.70 -0.21 0.00	42.80 -0.20 0.00	37.67 -0.19 0.03	43.07 -0.51 0.00	48.99 -0.29 0.00	46.27 -0.22 -0.10	43.90 -0.29 -0.01	39.07 -0.30 0.00	36.95 -0.28 0.00	36.87 -0.27 0.00	36.46 -0.15 0.00
GOUDEY___8 23580	51.28 -0.07 0.00	36.14 -0.28 0.00	38.62 -0.11 0.00	37.31 0.03 0.00	35.35 -0.03 0.00	37.40 0.11 0.00	48.08 -0.12 0.00	52.66 -0.02 0.00	55.25 0.00 0.00	54.44 0.00 0.00	51.09 -0.08 0.00	48.89 -0.06 0.00	47.97 -0.27 0.00	43.70 -0.21 0.00	42.80 -0.20 0.00	37.67 -0.19 0.03	43.07 -0.51 0.00	48.99 -0.29 0.00	46.27 -0.22 -0.10	43.90 -0.29 -0.01	39.07 -0.30 0.00	36.95 -0.28 0.00	36.87 -0.27 0.00	36.46 -0.15 0.00
GOWANUS_GT1_1 24077	54.15 2.80 0.00	38.29 1.86 0.00	40.47 1.75 0.00	38.75 1.47 0.00	36.75 1.37 0.00	38.90 1.60 0.00	50.71 2.51 0.00	55.78 3.11 0.00	58.91 3.66 0.00	57.97 3.54 0.00	54.63 3.46 0.00	52.72 3.77 0.00	52.06 3.82 0.00	47.51 3.61 0.00	46.55 3.54 0.00	41.29 3.14 -0.26	46.98 3.40 0.00	53.23 3.95 0.00	50.26 3.87 0.00	47.75 3.56 0.00	42.31 2.94 0.00	39.86 2.63 0.00	39.73 2.59 0.00	39.19 2.58 0.00
GOWANUS_GT1_2 24078	54.15 2.80 0.00	38.29 1.86 0.00	40.47 1.75 0.00	38.75 1.47 0.00	36.75 1.37 0.00	38.90 1.60 0.00	50.71 2.51 0.00	55.78 3.11 0.00	58.91 3.66 0.00	57.97 3.54 0.00	54.63 3.46 0.00	52.72 3.77 0.00	52.06 3.82 0.00	47.51 3.61 0.00	46.55 3.54 0.00	41.29 3.14 -0.26	46.98 3.40 0.00	53.23 3.95 0.00	50.26 3.87 0.00	47.75 3.56 0.00	42.31 2.94 0.00	39.86 2.63 0.00	39.73 2.59 0.00	39.19 2.58 0.00
GOWANUS_GT1_3 24079	54.15 2.80 0.00	38.29 1.86 0.00	40.47 1.75 0.00	38.75 1.47 0.00	36.75 1.37 0.00	38.90 1.60 0.00	50.71 2.51 0.00	55.78 3.11 0.00	58.91 3.66 0.00	57.97 3.54 0.00	54.63 3.46 0.00	52.72 3.77 0.00	52.06 3.82 0.00	47.51 3.61 0.00	46.55 3.54 0.00	41.29 3.14 -0.26	46.98 3.40 0.00	53.23 3.95 0.00	50.26 3.87 0.00	47.75 3.56 0.00	42.31 2.94 0.00	39.86 2.63 0.00	39.73 2.59 0.00	39.19 2.58 0.00
GOWANUS_GT1_4 24080	54.15 2.80 0.00	38.29 1.86 0.00	40.47 1.75 0.00	38.75 1.47 0.00	36.75 1.37 0.00	38.90 1.60 0.00	50.71 2.51 0.00	55.78 3.11 0.00	58.91 3.66 0.00	57.97 3.54 0.00	54.63 3.46 0.00	52.72 3.77 0.00	52.06 3.82 0.00	47.51 3.61 0.00	46.55 3.54 0.00	41.29 3.14 -0.26	46.98 3.40 0.00	53.23 3.95 0.00	50.26 3.87 0.00	47.75 3.56 0.00	42.31 2.94 0.00	39.86 2.63 0.00	39.73 2.59 0.00	39.19 2.58 0.00
GOWANUS_GT1_5 24084	54.15 2.80 0.00	38.29 1.86 0.00	40.47 1.75 0.00	38.75 1.47 0.00	36.75 1.37 0.00	38.90 1.60 0.00	50.71 2.51 0.00	55.78 3.11 0.00	58.91 3.66 0.00	57.97 3.54 0.00	54.63 3.46 0.00	52.72 3.77 0.00	52.06 3.82 0.00	47.51 3.61 0.00	46.55 3.54 0.00	41.29 3.14 -0.26	46.98 3.40 0.00	53.23 3.95 0.00	50.26 3.87 0.00	47.75 3.56 0.00	42.31 2.94 0.00	39.86 2.63 0.00	39.73 2.59 0.00	39.19 2.58 0.00
GOWANUS_GT1_6 24111	54.15 2.80 0.00	38.29 1.86 0.00	40.47 1.75 0.00	38.75 1.47 0.00	36.75 1.37 0.00	38.90 1.60 0.00	50.71 2.51 0.00	55.78 3.11 0.00	58.91 3.66 0.00	57.97 3.54 0.00	54.63 3.46 0.00	52.72 3.77 0.00	52.06 3.82 0.00	47.51 3.61 0.00	46.55 3.54 0.00	41.29 3.14 -0.26	46.98 3.40 0.00	53.23 3.95 0.00	50.26 3.87 0.00	47.75 3.56 0.00	42.31 2.94 0.00	39.86 2.63 0.00	39.73 2.59 0.00	39.19 2.58 0.00
GOWANUS_GT1_7 24112	54.15 2.80 0.00	38.29 1.86 0.00	40.47 1.75 0.00	38.75 1.47 0.00	36.75 1.37 0.00	38.90 1.60 0.00	50.71 2.51 0.00	55.78 3.11 0.00	58.91 3.66 0.00	57.97 3.54 0.00	54.63 3.46 0.00	52.72 3.77 0.00	52.06 3.82 0.00	47.51 3.61 0.00	46.55 3.54 0.00	41.29 3.14 -0.26	46.98 3.40 0.00	53.23 3.95 0.00	50.26 3.87 0.00	47.75 3.56 0.00	42.31 2.94 0.00	39.86 2.63 0.00	39.73 2.59 0.00	39.19 2.58 0.00
GOWANUS_GT1_8 24113	54.15 2.80 0.00	38.29 1.86 0.00	40.47 1.75 0.00	38.75 1.47 0.00	36.75 1.37 0.00	38.90 1.60 0.00	50.71 2.51 0.00	55.78 3.11 0.00	58.91 3.66 0.00	57.97 3.54 0.00	54.63 3.46 0.00	52.72 3.77 0.00	52.06 3.82 0.00	47.51 3.61 0.00	46.55 3.54 0.00	41.29 3.14 -0.26	46.98 3.40 0.00	53.23 3.95 0.00	50.26 3.87 0.00	47.75 3.56 0.00	42.31 2.94 0.00	39.86 2.63 0.00	39.73 2.59 0.00	39.19 2.58 0.00
GOWANUS_GT2_1 24114	54.13 2.78 0.00	38.27 1.85 0.00	40.45 1.73 0.00	38.73 1.45 0.00	36.73 1.35 0.00	38.88 1.59 0.00	50.68 2.48 0.00	55.76 3.08 0.00	58.88 3.64 0.00	57.94 3.50 0.00	54.59 3.42 0.00	52.68 3.74 0.00	52.03 3.79 0.00	47.49 3.58 0.00	46.54 3.53 0.00	41.26 3.12 -0.26	46.96 3.39 0.00	53.20 3.91 0.00	50.23 3.84 0.00	47.73 3.54 0.00	42.29 2.92 0.00	39.84 2.61 0.00	39.72 2.58 0.00	39.17 2.55 0.00
GOWANUS_GT2_2 24115	54.13 2.78 0.00	38.27 1.85 0.00	40.45 1.73 0.00	38.73 1.45 0.00	36.73 1.35 0.00	38.88 1.59 0.00	50.68 2.48 0.00	55.76 3.08 0.00	58.88 3.64 0.00	57.94 3.50 0.00	54.59 3.42 0.00	52.68 3.74 0.00	52.03 3.79 0.00	47.49 3.58 0.00	46.54 3.53 0.00	41.26 3.12 -0.26	46.96 3.39 0.00	53.20 3.91 0.00	50.23 3.84 0.00	47.73 3.54 0.00	42.29 2.92 0.00	39.84 2.61 0.00	39.72 2.58 0.00	39.17 2.55 0.00
GOWANUS_GT2_3 24116	54.13 2.78 0.00	38.27 1.85 0.00	40.45 1.73 0.00	38.73 1.45 0.00	36.73 1.35 0.00	38.88 1.59 0.00	50.68 2.48 0.00	55.76 3.08 0.00	58.88 3.64 0.00	57.94 3.50 0.00	54.59 3.42 0.00	52.68 3.74 0.00	52.03 3.79 0.00	47.49 3.58 0.00	46.54 3.53 0.00	41.26 3.12 -0.26	46.96 3.39 0.00	53.20 3.91 0.00	50.23 3.84 0.00	47.73 3.54 0.00	42.29 2.92 0.00	39.84 2.61 0.00	39.72 2.58 0.00	39.17 2.55 0.00

GOWANUS_GT2_4 24117	54.13 2.78 0.00	38.27 1.85 0.00	40.45 1.73 0.00	38.73 1.45 0.00	36.73 1.35 0.00	38.88 1.59 0.00	50.68 2.48 0.00	55.76 3.08 0.00	58.88 3.64 0.00	57.94 3.50 0.00	54.59 3.42 0.00	52.68 3.74 0.00	52.03 3.79 0.00	47.49 3.58 0.00	46.54 3.53 0.00	41.26 3.12 -0.26	46.96 3.39 0.00	53.20 3.91 0.00	50.23 3.84 0.00	47.73 3.54 0.00	42.29 2.92 0.00	39.84 2.61 0.00	39.72 2.58 0.00	39.17 2.55 0.00
GOWANUS_GT2_5 24118	54.13 2.78 0.00	38.27 1.85 0.00	40.45 1.73 0.00	38.73 1.45 0.00	36.73 1.35 0.00	38.88 1.59 0.00	50.68 2.48 0.00	55.76 3.08 0.00	58.88 3.64 0.00	57.94 3.50 0.00	54.59 3.42 0.00	52.68 3.74 0.00	52.03 3.79 0.00	47.49 3.58 0.00	46.54 3.53 0.00	41.26 3.12 -0.26	46.96 3.39 0.00	53.20 3.91 0.00	50.23 3.84 0.00	47.73 3.54 0.00	42.29 2.92 0.00	39.84 2.61 0.00	39.72 2.58 0.00	39.17 2.55 0.00
GOWANUS_GT2_6 24119	54.13 2.78 0.00	38.27 1.85 0.00	40.45 1.73 0.00	38.73 1.45 0.00	36.73 1.35 0.00	38.88 1.59 0.00	50.68 2.48 0.00	55.76 3.08 0.00	58.88 3.64 0.00	57.94 3.50 0.00	54.59 3.42 0.00	52.68 3.74 0.00	52.03 3.79 0.00	47.49 3.58 0.00	46.54 3.53 0.00	41.26 3.12 -0.26	46.96 3.39 0.00	53.20 3.91 0.00	50.23 3.84 0.00	47.73 3.54 0.00	42.29 2.92 0.00	39.84 2.61 0.00	39.72 2.58 0.00	39.17 2.55 0.00
GOWANUS_GT2_7 24120	54.13 2.78 0.00	38.27 1.85 0.00	40.45 1.73 0.00	38.73 1.45 0.00	36.73 1.35 0.00	38.88 1.59 0.00	50.68 2.48 0.00	55.76 3.08 0.00	58.88 3.64 0.00	57.94 3.50 0.00	54.59 3.42 0.00	52.68 3.74 0.00	52.03 3.79 0.00	47.49 3.58 0.00	46.54 3.53 0.00	41.26 3.12 -0.26	46.96 3.39 0.00	53.20 3.91 0.00	50.23 3.84 0.00	47.73 3.54 0.00	42.29 2.92 0.00	39.84 2.61 0.00	39.72 2.58 0.00	39.17 2.55 0.00
GOWANUS_GT2_8 24121	54.13 2.78 0.00	38.27 1.85 0.00	40.45 1.73 0.00	38.73 1.45 0.00	36.73 1.35 0.00	38.88 1.59 0.00	50.68 2.48 0.00	55.76 3.08 0.00	58.88 3.64 0.00	57.94 3.50 0.00	54.59 3.42 0.00	52.68 3.74 0.00	52.03 3.79 0.00	47.49 3.58 0.00	46.54 3.53 0.00	41.26 3.12 -0.26	46.96 3.39 0.00	53.20 3.91 0.00	50.23 3.84 0.00	47.73 3.54 0.00	42.29 2.92 0.00	39.84 2.61 0.00	39.72 2.58 0.00	39.17 2.55 0.00
GOWANUS_GT3_1 24122	54.14 2.79 0.00	38.29 1.86 0.00	40.47 1.75 0.00	38.75 1.47 0.00	36.75 1.37 0.00	38.90 1.60 0.00	50.70 2.50 0.00	55.78 3.11 0.00	58.91 3.66 0.00	57.97 3.54 0.00	54.63 3.46 0.00	52.72 3.77 0.00	52.06 3.82 0.00	47.51 3.61 0.00	46.54 3.54 0.00	41.29 3.14 -0.26	46.98 3.40 0.00	53.23 3.95 0.00	50.26 3.87 0.00	47.75 3.57 0.00	42.31 2.95 0.00	39.86 2.63 0.00	39.73 2.59 0.00	39.19 2.57 0.00
GOWANUS_GT3_2 24123	54.14 2.79 0.00	38.29 1.86 0.00	40.47 1.75 0.00	38.75 1.47 0.00	36.75 1.37 0.00	38.90 1.60 0.00	50.70 2.50 0.00	55.78 3.11 0.00	58.91 3.66 0.00	57.97 3.54 0.00	54.63 3.46 0.00	52.72 3.77 0.00	52.06 3.82 0.00	47.51 3.61 0.00	46.54 3.54 0.00	41.29 3.14 -0.26	46.98 3.40 0.00	53.23 3.95 0.00	50.26 3.87 0.00	47.75 3.57 0.00	42.31 2.95 0.00	39.86 2.63 0.00	39.73 2.59 0.00	39.19 2.57 0.00
GOWANUS_GT3_3 24124	54.14 2.79 0.00	38.29 1.86 0.00	40.47 1.75 0.00	38.75 1.47 0.00	36.75 1.37 0.00	38.90 1.60 0.00	50.70 2.50 0.00	55.78 3.11 0.00	58.91 3.66 0.00	57.97 3.54 0.00	54.63 3.46 0.00	52.72 3.77 0.00	52.06 3.82 0.00	47.51 3.61 0.00	46.54 3.54 0.00	41.29 3.14 -0.26	46.98 3.40 0.00	53.23 3.95 0.00	50.26 3.87 0.00	47.75 3.57 0.00	42.31 2.95 0.00	39.86 2.63 0.00	39.73 2.59 0.00	39.19 2.57 0.00
GOWANUS_GT3_4 24125	54.14 2.79 0.00	38.29 1.86 0.00	40.47 1.75 0.00	38.75 1.47 0.00	36.75 1.37 0.00	38.90 1.60 0.00	50.70 2.50 0.00	55.78 3.11 0.00	58.91 3.66 0.00	57.97 3.54 0.00	54.63 3.46 0.00	52.72 3.77 0.00	52.06 3.82 0.00	47.51 3.61 0.00	46.54 3.54 0.00	41.29 3.14 -0.26	46.98 3.40 0.00	53.23 3.95 0.00	50.26 3.87 0.00	47.75 3.57 0.00	42.31 2.95 0.00	39.86 2.63 0.00	39.73 2.59 0.00	39.19 2.57 0.00
GOWANUS_GT3_5 24126	54.14 2.79 0.00	38.29 1.86 0.00	40.47 1.75 0.00	38.75 1.47 0.00	36.75 1.37 0.00	38.90 1.60 0.00	50.70 2.50 0.00	55.78 3.11 0.00	58.91 3.66 0.00	57.97 3.54 0.00	54.63 3.46 0.00	52.72 3.77 0.00	52.06 3.82 0.00	47.51 3.61 0.00	46.54 3.54 0.00	41.29 3.14 -0.26	46.98 3.40 0.00	53.23 3.95 0.00	50.26 3.87 0.00	47.75 3.57 0.00	42.31 2.95 0.00	39.86 2.63 0.00	39.73 2.59 0.00	39.19 2.57 0.00
GOWANUS_GT3_6 24127	54.14 2.79 0.00	38.29 1.86 0.00	40.47 1.75 0.00	38.75 1.47 0.00	36.75 1.37 0.00	38.90 1.60 0.00	50.70 2.50 0.00	55.78 3.11 0.00	58.91 3.66 0.00	57.97 3.54 0.00	54.63 3.46 0.00	52.72 3.77 0.00	52.06 3.82 0.00	47.51 3.61 0.00	46.54 3.54 0.00	41.29 3.14 -0.26	46.98 3.40 0.00	53.23 3.95 0.00	50.26 3.87 0.00	47.75 3.57 0.00	42.31 2.95 0.00	39.86 2.63 0.00	39.73 2.59 0.00	39.19 2.57 0.00
GOWANUS_GT3_7 24128	54.14 2.79 0.00	38.29 1.86 0.00	40.47 1.75 0.00	38.75 1.47 0.00	36.75 1.37 0.00	38.90 1.60 0.00	50.70 2.50 0.00	55.78 3.11 0.00	58.91 3.66 0.00	57.97 3.54 0.00	54.63 3.46 0.00	52.72 3.77 0.00	52.06 3.82 0.00	47.51 3.61 0.00	46.54 3.54 0.00	41.29 3.14 -0.26	46.98 3.40 0.00	53.23 3.95 0.00	50.26 3.87 0.00	47.75 3.57 0.00	42.31 2.95 0.00	39.86 2.63 0.00	39.73 2.59 0.00	39.19 2.57 0.00
GOWANUS_GT3_8 24129	54.14 2.79 0.00	38.29 1.86 0.00	40.47 1.75 0.00	38.75 1.47 0.00	36.75 1.37 0.00	38.90 1.60 0.00	50.70 2.50 0.00	55.78 3.11 0.00	58.91 3.66 0.00	57.97 3.54 0.00	54.63 3.46 0.00	52.72 3.77 0.00	52.06 3.82 0.00	47.51 3.61 0.00	46.54 3.54 0.00	41.29 3.14 -0.26	46.98 3.40 0.00	53.23 3.95 0.00	50.26 3.87 0.00	47.75 3.57 0.00	42.31 2.95 0.00	39.86 2.63 0.00	39.73 2.59 0.00	39.19 2.57 0.00
GOWANUS_GT4_1 24130	54.13 2.78 0.00	38.27 1.85 0.00	40.45 1.73 0.00	38.74 1.46 0.00	36.73 1.35 0.00	38.88 1.59 0.00	50.68 2.48 0.00	55.76 3.08 0.00	58.88 3.63 0.00	57.93 3.49 0.00	54.59 3.42 0.00	52.68 3.74 0.00	52.03 3.79 0.00	47.49 3.58 0.00	46.54 3.53 0.00	41.27 3.12 -0.26	46.96 3.38 0.00	53.20 3.91 0.00	50.22 3.83 0.00	47.73 3.54 0.00	42.29 2.92 0.00	39.84 2.61 0.00	39.71 2.57 0.00	39.17 2.56 0.00
GOWANUS_GT4_2 24131	54.13 2.78 0.00	38.27 1.85 0.00	40.45 1.73 0.00	38.74 1.46 0.00	36.73 1.35 0.00	38.88 1.59 0.00	50.68 2.48 0.00	55.76 3.08 0.00	58.88 3.63 0.00	57.93 3.49 0.00	54.59 3.42 0.00	52.68 3.74 0.00	52.03 3.79 0.00	47.49 3.58 0.00	46.54 3.53 0.00	41.27 3.12 -0.26	46.96 3.38 0.00	53.20 3.91 0.00	50.22 3.83 0.00	47.73 3.54 0.00	42.29 2.92 0.00	39.84 2.61 0.00	39.71 2.57 0.00	39.17 2.56 0.00

GOWANUS_GT4_3 24132	54.13 2.78 0.00	38.27 1.85 0.00	40.45 1.73 0.00	38.74 1.46 0.00	36.73 1.35 0.00	38.88 1.59 0.00	50.68 2.48 0.00	55.76 3.08 0.00	58.88 3.63 0.00	57.93 3.49 0.00	54.59 3.42 0.00	52.68 3.74 0.00	52.03 3.79 0.00	47.49 3.58 0.00	46.54 3.53 0.00	41.27 3.12 -0.26	46.96 3.38 0.00	53.20 3.91 0.00	50.22 3.83 0.00	47.73 3.54 0.00	42.29 2.92 0.00	39.84 2.61 0.00	39.71 2.57 0.00	39.17 2.56 0.00
GOWANUS_GT4_4 24133	54.13 2.78 0.00	38.27 1.85 0.00	40.45 1.73 0.00	38.74 1.46 0.00	36.73 1.35 0.00	38.88 1.59 0.00	50.68 2.48 0.00	55.76 3.08 0.00	58.88 3.63 0.00	57.93 3.49 0.00	54.59 3.42 0.00	52.68 3.74 0.00	52.03 3.79 0.00	47.49 3.58 0.00	46.54 3.53 0.00	41.27 3.12 -0.26	46.96 3.38 0.00	53.20 3.91 0.00	50.22 3.83 0.00	47.73 3.54 0.00	42.29 2.92 0.00	39.84 2.61 0.00	39.71 2.57 0.00	39.17 2.56 0.00
GOWANUS_GT4_5 24134	54.13 2.78 0.00	38.27 1.85 0.00	40.45 1.73 0.00	38.74 1.46 0.00	36.73 1.35 0.00	38.88 1.59 0.00	50.68 2.48 0.00	55.76 3.08 0.00	58.88 3.63 0.00	57.93 3.49 0.00	54.59 3.42 0.00	52.68 3.74 0.00	52.03 3.79 0.00	47.49 3.58 0.00	46.54 3.53 0.00	41.27 3.12 -0.26	46.96 3.38 0.00	53.20 3.91 0.00	50.22 3.83 0.00	47.73 3.54 0.00	42.29 2.92 0.00	39.84 2.61 0.00	39.71 2.57 0.00	39.17 2.56 0.00
GOWANUS_GT4_6 24135	54.13 2.78 0.00	38.27 1.85 0.00	40.45 1.73 0.00	38.74 1.46 0.00	36.73 1.35 0.00	38.88 1.59 0.00	50.68 2.48 0.00	55.76 3.08 0.00	58.88 3.63 0.00	57.93 3.49 0.00	54.59 3.42 0.00	52.68 3.74 0.00	52.03 3.79 0.00	47.49 3.58 0.00	46.54 3.53 0.00	41.27 3.12 -0.26	46.96 3.38 0.00	53.20 3.91 0.00	50.22 3.83 0.00	47.73 3.54 0.00	42.29 2.92 0.00	39.84 2.61 0.00	39.71 2.57 0.00	39.17 2.56 0.00
GOWANUS_GT4_7 24136	54.13 2.78 0.00	38.27 1.85 0.00	40.45 1.73 0.00	38.74 1.46 0.00	36.73 1.35 0.00	38.88 1.59 0.00	50.68 2.48 0.00	55.76 3.08 0.00	58.88 3.63 0.00	57.93 3.49 0.00	54.59 3.42 0.00	52.68 3.74 0.00	52.03 3.79 0.00	47.49 3.58 0.00	46.54 3.53 0.00	41.27 3.12 -0.26	46.96 3.38 0.00	53.20 3.91 0.00	50.22 3.83 0.00	47.73 3.54 0.00	42.29 2.92 0.00	39.84 2.61 0.00	39.71 2.57 0.00	39.17 2.56 0.00
GOWANUS_GT4_8 24137	54.13 2.78 0.00	38.27 1.85 0.00	40.45 1.73 0.00	38.74 1.46 0.00	36.73 1.35 0.00	38.88 1.59 0.00	50.68 2.48 0.00	55.76 3.08 0.00	58.88 3.63 0.00	57.93 3.49 0.00	54.59 3.42 0.00	52.68 3.74 0.00	52.03 3.79 0.00	47.49 3.58 0.00	46.54 3.53 0.00	41.27 3.12 -0.26	46.96 3.38 0.00	53.20 3.91 0.00	50.22 3.83 0.00	47.73 3.54 0.00	42.29 2.92 0.00	39.84 2.61 0.00	39.71 2.57 0.00	39.17 2.56 0.00
GREENBSH_115KV_TB3 55895	52.58 1.23 0.00	37.31 0.88 0.00	39.66 0.94 0.00	38.11 0.83 0.00	36.13 0.75 0.00	37.73 0.43 0.00	48.81 0.61 0.00	53.45 0.78 0.00	56.27 1.02 0.00	55.42 0.99 0.00	52.17 1.00 0.00	50.02 1.07 0.00	49.30 1.07 0.00	44.96 1.05 0.00	44.00 1.00 0.00	38.74 0.80 -0.06	44.45 0.88 0.00	50.29 1.00 0.00	47.33 0.94 0.00	45.19 1.00 0.00	40.28 0.91 0.00	37.96 0.73 0.00	37.82 0.68 0.00	37.23 0.61 0.00
GREENDGE_115KV_TB5 80291	50.46 -0.89 0.00	35.88 -0.54 0.00	38.48 -0.24 0.00	37.24 -0.04 0.00	35.30 -0.08 0.00	37.49 0.19 0.00	48.01 -0.19 0.00	52.11 -0.57 0.00	54.66 -0.59 0.00	53.77 -0.67 0.00	50.37 -0.80 0.00	48.10 -0.85 0.00	46.99 -1.25 0.00	42.78 -1.13 0.00	41.85 -1.16 0.00	37.14 -0.75 0.00	42.06 -1.52 0.00	47.83 -1.46 0.00	46.23 -1.41 -1.25	42.89 -1.40 -0.10	38.29 -1.08 0.00	36.33 -0.90 0.00	36.27 -0.87 0.00	35.93 -0.68 0.00
GREENIDGE___3 23582	50.46 -0.89 0.00	35.88 -0.54 0.00	38.48 -0.24 0.00	37.24 -0.04 0.00	35.30 -0.08 0.00	37.49 0.19 0.00	48.01 -0.19 0.00	52.11 -0.57 0.00	54.66 -0.59 0.00	53.77 -0.67 0.00	50.37 -0.80 0.00	48.10 -0.85 0.00	46.99 -1.25 0.00	42.78 -1.13 0.00	41.85 -1.16 0.00	37.14 -0.75 0.00	42.06 -1.52 0.00	47.83 -1.46 0.00	46.23 -1.41 -1.25	42.89 -1.40 -0.10	38.29 -1.08 0.00	36.33 -0.90 0.00	36.27 -0.87 0.00	35.93 -0.68 0.00
GREENIDGE___4 23583	50.45 -0.90 0.00	35.88 -0.55 0.00	38.48 -0.25 0.00	37.24 -0.04 0.00	35.30 -0.08 0.00	37.48 0.19 0.00	48.01 -0.19 0.00	52.11 -0.57 0.00	54.66 -0.59 0.00	53.76 -0.68 0.00	50.37 -0.80 0.00	48.10 -0.85 0.00	46.99 -1.25 0.00	42.78 -1.13 0.00	41.85 -1.16 0.00	37.13 -0.76 0.00	42.06 -1.52 0.00	47.84 -1.45 0.00	46.23 -1.41 -1.25	42.89 -1.40 -0.10	38.29 -1.08 0.00	36.33 -0.90 0.00	36.27 -0.87 0.00	35.94 -0.67 0.00
GREENLWN_69_KV_BK 3 55738	54.03 2.68 0.00	38.09 1.66 0.00	40.19 1.47 0.00	38.54 1.27 0.00	36.52 1.14 0.00	38.76 1.46 0.00	50.47 2.27 0.00	55.37 2.70 0.00	58.58 3.34 0.00	57.83 3.39 0.00	54.73 3.56 0.00	52.85 3.90 0.00	52.13 3.90 0.00	47.81 3.90 0.00	46.83 3.83 0.00	41.66 3.51 -0.26	47.26 3.68 0.00	53.57 4.29 0.00	50.67 4.28 0.00	48.02 3.84 0.00	42.50 3.14 0.00	39.91 2.68 0.00	39.90 2.76 0.00	39.32 2.71 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	54.15 2.80 0.00	38.29 1.86 0.00	40.47 1.75 0.00	38.75 1.47 0.00	36.75 1.37 0.00	38.90 1.60 0.00	50.71 2.51 0.00	55.78 3.11 0.00	58.91 3.66 0.00	57.97 3.54 0.00	54.63 3.46 0.00	52.72 3.77 0.00	52.06 3.82 0.00	47.51 3.61 0.00	46.55 3.54 0.00	41.29 3.14 -0.26	46.98 3.40 0.00	53.23 3.95 0.00	50.26 3.87 0.00	47.75 3.56 0.00	42.31 2.94 0.00	39.86 2.63 0.00	39.73 2.59 0.00	39.19 2.58 0.00
GRISSOM___SOLAR 323813	53.77 2.42 0.00	38.11 1.68 0.00	40.53 1.81 0.00	39.03 1.75 0.00	37.08 1.70 0.00	39.25 1.95 0.00	50.97 2.77 0.00	55.90 3.22 0.00	58.66 3.41 0.00	57.81 3.38 0.00	54.28 3.11 0.00	51.87 2.92 0.00	51.14 2.90 0.00	46.62 2.72 0.00	45.72 2.72 0.00	40.29 2.36 -0.04	46.14 2.57 0.00	52.31 3.02 0.00	49.24 2.85 0.00	46.91 2.73 0.00	41.70 2.33 0.00	39.28 2.05 0.00	39.08 1.94 0.00	38.46 1.84 0.00
GROVEVILLE___HYD 323602	54.08 2.73 0.00	38.22 1.80 0.00	40.46 1.73 0.00	38.81 1.53 0.00	36.87 1.50 0.00	39.02 1.73 0.00	50.84 2.64 0.00	55.96 3.28 0.00	59.07 3.82 0.00	58.16 3.72 0.00	54.80 3.63 0.00	52.73 3.79 0.00	51.99 3.75 0.00	47.41 3.50 0.00	46.44 3.44 0.00	40.97 3.04 -0.04	47.00 3.42 0.00	53.25 3.96 0.00	50.21 3.82 0.00	47.65 3.47 0.00	42.27 2.90 0.00	39.81 2.59 0.00	39.68 2.54 0.00	39.08 2.47 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	50.76 -0.60 0.00	35.92 -0.50 0.00	38.24 -0.49 0.00	36.84 -0.44 0.00	34.94 -0.44 0.00	36.92 -0.37 0.00	47.62 -0.58 0.00	52.01 -0.67 0.00	54.62 -0.63 0.00	53.73 -0.70 0.00	50.37 -0.80 0.00	48.09 -0.86 0.00	47.23 -1.01 0.00	43.01 -0.90 0.00	42.11 -0.89 0.00	37.11 -0.78 0.00	42.59 -0.99 0.00	48.26 -1.03 0.00	45.47 -0.91 0.00	43.38 -0.81 0.00	38.77 -0.60 0.00	36.79 -0.44 0.00	36.68 -0.46 0.00	36.22 -0.39 0.00

HAMLTNNY_34_KV_TB 80303	50.85 -0.51 0.00	35.98 -0.44 0.00	38.31 -0.41 0.00	36.92 -0.35 0.00	34.99 -0.39 0.00	36.99 -0.30 0.00	47.68 -0.52 0.00	52.05 -0.63 0.00	54.67 -0.58 0.00	53.75 -0.68 0.00	50.36 -0.81 0.00	48.10 -0.85 0.00	47.20 -1.03 0.00	43.00 -0.91 0.00	42.09 -0.92 0.00	37.11 -0.78 0.00	42.57 -1.00 0.00	48.27 -1.01 0.00	45.49 -0.90 0.00	43.40 -0.79 0.00	38.80 -0.57 0.00	36.83 -0.39 0.00	36.72 -0.42 0.00	36.28 -0.33 0.00
HAMPSHIRE___PAPER_HYD 323593	48.85 -2.50 0.00	34.78 -1.65 0.00	36.95 -1.78 0.00	35.98 -1.30 0.00	34.08 -1.30 0.00	35.55 -1.75 0.00	46.39 -1.81 0.00	51.14 -1.54 0.00	54.80 -0.45 0.00	54.15 -0.28 0.00	51.37 0.20 0.00	48.73 -0.22 0.00	48.13 -0.11 0.00	43.65 -0.26 0.00	42.82 -0.19 0.00	36.92 -0.97 0.00	41.65 -1.93 0.00	45.99 -3.30 0.00	43.57 -2.82 0.00	41.35 -2.84 0.00	36.03 -3.33 0.00	33.98 -3.25 0.00	33.94 -3.20 0.00	34.80 -2.54 -0.72
HARDSCRABBLE_WT_PWR 323673	50.92 -0.43 0.00	36.12 -0.31 0.00	38.48 -0.24 0.00	37.07 -0.21 0.00	35.25 -0.13 0.00	37.07 -0.22 0.00	48.06 -0.14 0.00	53.13 0.45 0.00	56.04 0.79 0.00	55.39 0.95 0.00	52.21 1.04 0.00	50.07 1.13 0.00	49.27 1.03 0.00	44.93 1.03 0.00	43.98 0.97 0.00	38.63 0.74 0.00	43.54 -0.04 0.00	49.29 0.01 0.00	46.48 0.09 0.00	44.54 0.35 0.00	39.58 0.21 0.00	37.09 -0.14 0.00	36.86 -0.28 0.00	36.17 -0.44 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	53.36 2.01 0.00	37.73 1.30 0.00	39.92 1.20 0.00	38.33 1.05 0.00	36.47 1.09 0.00	38.58 1.28 0.00	50.22 2.02 0.00	55.25 2.57 0.00	58.26 3.02 0.00	57.34 2.90 0.00	54.01 2.84 0.00	51.93 2.99 0.00	51.26 3.03 0.00	46.69 2.78 0.00	45.75 2.75 0.00	39.94 2.42 0.37	46.26 2.68 0.00	52.47 3.19 0.00	49.48 3.09 0.00	46.96 2.77 0.00	41.67 2.30 0.00	39.25 2.02 0.00	39.14 2.00 0.00	38.60 1.98 0.00
HARSNRAD_115KV_TB1 81005	49.51 -1.84 0.00	35.18 -1.25 0.00	37.50 -1.23 0.00	36.18 -1.10 0.00	34.21 -1.17 0.00	36.47 -0.82 0.00	46.20 -2.00 0.00	49.20 -3.47 0.00	52.00 -3.25 0.00	51.14 -3.30 0.00	47.66 -3.51 0.00	45.21 -3.74 0.00	44.00 -4.23 0.00	40.24 -3.67 0.00	39.39 -3.61 0.00	34.88 -3.01 0.00	39.89 -3.68 0.00	45.12 -4.16 0.00	41.73 -3.99 0.67	40.35 -3.78 0.05	35.96 -3.41 0.00	34.29 -2.94 0.00	34.78 -2.36 0.00	34.80 -1.81 0.00
HARZA MOOSE___RIVER 24016	50.27 -1.09 0.00	35.71 -0.72 0.00	38.01 -0.71 0.00	36.93 -0.35 0.00	35.25 -0.13 0.00	37.23 -0.06 0.00	48.53 0.33 0.00	53.30 0.63 0.00	56.52 1.28 0.00	55.89 1.45 0.00	52.59 1.42 0.00	49.86 0.92 0.00	49.37 1.13 0.00	44.96 1.06 0.00	44.13 1.13 0.00	38.46 0.57 0.00	43.79 0.22 0.00	48.84 -0.44 0.00	46.35 -0.04 0.00	44.07 -0.12 0.00	38.66 -0.71 0.00	36.50 -0.73 0.00	36.19 -0.95 0.00	35.73 -0.88 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	50.36 -0.99 0.00	35.66 -0.77 0.00	37.94 -0.78 0.00	36.57 -0.71 0.00	34.70 -0.68 0.00	36.65 -0.64 0.00	47.28 -0.92 0.00	51.65 -1.03 0.00	54.24 -1.00 0.00	53.39 -1.05 0.00	50.07 -1.10 0.00	47.82 -1.13 0.00	46.97 -1.26 0.00	42.77 -1.13 0.00	41.89 -1.12 0.00	36.90 -0.99 0.00	42.35 -1.23 0.00	47.96 -1.32 0.00	45.19 -1.20 0.00	43.06 -1.12 0.00	38.45 -0.91 0.00	36.47 -0.76 0.00	36.37 -0.77 0.00	35.94 -0.67 0.00
HELLGATE_13_KV_LD 55870	53.82 2.47 0.00	38.05 1.63 0.00	40.23 1.50 0.00	38.51 1.23 0.00	36.52 1.14 0.00	38.71 1.42 0.00	50.49 2.29 0.00	55.58 2.90 0.00	58.77 3.52 0.00	57.81 3.38 0.00	54.45 3.28 0.00	52.50 3.56 0.00	51.83 3.59 0.00	47.33 3.42 0.00	46.35 3.35 0.00	41.15 3.00 -0.26	46.82 3.24 0.00	53.04 3.75 0.00	50.07 3.68 0.00	47.54 3.35 0.00	42.15 2.79 0.00	39.71 2.48 0.00	39.58 2.44 0.00	39.07 2.46 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	53.82 2.47 0.00	38.05 1.63 0.00	40.23 1.50 0.00	38.51 1.23 0.00	36.52 1.14 0.00	38.71 1.42 0.00	50.49 2.29 0.00	55.58 2.90 0.00	58.77 3.52 0.00	57.81 3.38 0.00	54.45 3.28 0.00	52.50 3.56 0.00	51.83 3.59 0.00	47.33 3.42 0.00	46.35 3.35 0.00	41.15 3.00 -0.26	46.82 3.24 0.00	53.04 3.75 0.00	50.07 3.68 0.00	47.54 3.35 0.00	42.15 2.79 0.00	39.71 2.48 0.00	39.58 2.44 0.00	39.07 2.46 0.00
HEMPSTEAD____ 23647	53.88 2.53 0.00	38.00 1.57 0.00	40.13 1.41 0.00	38.47 1.19 0.00	36.47 1.09 0.00	38.71 1.42 0.00	50.42 2.22 0.00	55.37 2.69 0.00	58.55 3.30 0.00	57.75 3.32 0.00	54.58 3.41 0.00	52.64 3.69 0.00	51.93 3.69 0.00	47.54 3.63 0.00	46.58 3.58 0.00	41.38 3.23 -0.26	47.04 3.47 0.00	53.28 4.00 0.00	50.39 4.00 0.00	47.76 3.58 0.00	42.29 2.92 0.00	39.75 2.52 0.00	39.70 2.56 0.00	39.12 2.50 0.00
HEWLETT_69_KV_BK3 55828	54.34 2.99 0.00	38.32 1.90 0.00	40.47 1.75 0.00	38.81 1.53 0.00	36.77 1.39 0.00	39.03 1.74 0.00	50.84 2.64 0.00	55.85 3.17 0.00	59.04 3.79 0.00	58.22 3.78 0.00	55.06 3.89 0.00	53.09 4.14 0.00	52.37 4.13 0.00	47.97 4.07 0.00	46.98 3.98 0.00	41.74 3.59 -0.26	47.43 3.85 0.00	53.77 4.49 0.00	50.82 4.43 0.00	48.18 3.99 0.00	42.63 3.27 0.00	40.10 2.87 0.00	40.06 2.92 0.00	39.49 2.88 0.00
HICKLING___1 23621	50.71 -0.64 0.00	35.77 -0.65 0.00	38.50 -0.23 0.00	37.32 0.04 0.00	35.35 -0.03 0.00	37.56 0.26 0.00	48.08 -0.12 0.00	52.47 -0.21 0.00	54.86 -0.39 0.00	54.07 -0.37 0.00	50.68 -0.49 0.00	48.47 -0.47 0.00	47.23 -1.01 0.00	43.02 -0.88 0.00	42.09 -0.91 0.00	37.06 -0.81 0.02	42.05 -1.53 0.00	47.96 -1.32 0.00	45.54 -1.30 -0.45	42.81 -1.42 -0.04	38.10 -1.27 0.00	36.07 -1.16 0.00	36.00 -1.14 0.00	35.70 -0.91 0.00
HICKLING___2 23622	50.71 -0.64 0.00	35.77 -0.65 0.00	38.50 -0.23 0.00	37.32 0.04 0.00	35.35 -0.03 0.00	37.56 0.26 0.00	48.08 -0.12 0.00	52.47 -0.21 0.00	54.86 -0.39 0.00	54.07 -0.37 0.00	50.68 -0.49 0.00	48.47 -0.47 0.00	47.23 -1.01 0.00	43.02 -0.88 0.00	42.09 -0.91 0.00	37.06 -0.81 0.02	42.05 -1.53 0.00	47.96 -1.32 0.00	45.54 -1.30 -0.45	42.81 -1.42 -0.04	38.10 -1.27 0.00	36.07 -1.16 0.00	36.00 -1.14 0.00	35.70 -0.91 0.00
HIGH FALLS___HY 23754	54.57 3.23 0.00	38.52 2.10 0.00	40.74 2.02 0.00	39.11 1.83 0.00	37.20 1.83 0.00	39.49 2.19 0.00	51.52 3.32 0.00	56.83 4.15 0.00	60.04 4.79 0.00	59.11 4.67 0.00	55.67 4.51 0.00	53.54 4.60 0.00	52.79 4.55 0.00	48.11 4.20 0.00	47.16 4.16 0.00	41.53 3.68 0.05	47.71 4.13 0.00	54.15 4.86 0.00	51.07 4.68 0.00	48.41 4.22 0.00	42.89 3.52 0.00	40.39 3.16 0.00	40.24 3.10 0.00	39.64 3.03 0.00
HIGH_RIVER___SOLAR 323847	53.13 1.78 0.00	37.66 1.23 0.00	40.05 1.32 0.00	38.54 1.26 0.00	36.60 1.22 0.00	38.62 1.33 0.00	49.99 1.80 0.00	54.79 2.11 0.00	57.56 2.31 0.00	56.71 2.27 0.00	53.28 2.12 0.00	50.99 2.04 0.00	50.25 2.02 0.00	45.82 1.92 0.00	44.89 1.89 0.00	39.56 1.62 -0.05	45.37 1.79 0.00	51.35 2.07 0.00	48.34 1.95 0.00	46.07 1.88 0.00	40.99 1.62 0.00	38.68 1.45 0.00	38.52 1.38 0.00	37.92 1.31 0.00

HILLBURN___GT 23639	53.37 2.02 0.00	37.72 1.29 0.00	39.89 1.17 0.00	38.30 1.02 0.00	36.45 1.07 0.00	38.57 1.27 0.00	50.24 2.04 0.00	55.29 2.61 0.00	58.31 3.06 0.00	57.37 2.93 0.00	54.04 2.87 0.00	51.99 3.04 0.00	51.32 3.08 0.00	46.74 2.83 0.00	45.81 2.80 0.00	39.96 2.47 0.40	46.28 2.70 0.00	52.51 3.22 0.00	49.51 3.12 0.00	47.00 2.82 0.00	41.69 2.32 0.00	39.25 2.03 0.00	39.18 2.04 0.00	38.65 2.04 0.00
HILLSIDE_115KV_TB1 80332	50.37 -0.98 0.00	35.39 -1.04 0.00	38.02 -0.70 0.00	36.87 -0.41 0.00	34.88 -0.50 0.00	37.04 -0.25 0.00	47.37 -0.83 0.00	51.86 -0.82 0.00	54.17 -1.09 0.00	53.49 -0.95 0.00	50.15 -1.02 0.00	48.07 -0.88 0.00	46.94 -1.29 0.00	42.72 -1.19 0.00	41.80 -1.20 0.00	36.86 -1.01 0.02	41.84 -1.74 0.00	47.77 -1.52 0.00	45.37 -1.42 -0.40	42.71 -1.51 -0.03	37.99 -1.37 0.00	35.93 -1.30 0.00	35.84 -1.30 0.00	35.54 -1.07 0.00
HISHELDN_WT_PWR 323625	49.80 -1.56 0.00	35.43 -0.99 0.00	37.97 -0.75 0.00	36.70 -0.57 0.00	34.72 -0.66 0.00	36.93 -0.37 0.00	46.91 -1.29 0.00	50.28 -2.39 0.00	52.96 -2.29 0.00	51.96 -2.47 0.00	48.39 -2.78 0.00	46.05 -2.89 0.00	44.56 -3.68 0.00	40.77 -3.14 0.00	39.87 -3.14 0.00	35.07 -2.82 0.00	39.86 -3.71 0.00	45.13 -4.15 0.01	40.17 -4.02 2.20	40.05 -3.96 0.17	35.86 -3.50 0.00	34.33 -2.89 0.00	34.58 -2.56 0.00	34.56 -2.05 0.00
HOLTSVILLE_IC_1 23690	54.05 2.70 0.00	38.06 1.64 0.00	40.15 1.43 0.00	38.50 1.23 0.00	36.48 1.10 0.00	38.78 1.49 0.00	50.50 2.30 0.00	55.35 2.68 0.00	58.60 3.35 0.00	57.90 3.47 0.00	54.85 3.68 0.00	53.07 4.13 0.00	52.36 4.13 0.00	48.06 4.16 0.00	47.04 4.03 0.00	41.95 3.80 -0.26	47.58 4.00 0.00	53.92 4.63 0.00	51.06 4.67 0.00	48.33 4.14 0.00	42.70 3.33 0.00	40.04 2.81 0.00	40.08 2.94 0.00	39.48 2.87 0.00
HOLTSVILLE_IC_10 23699	54.29 2.94 0.00	38.22 1.79 0.00	40.31 1.59 0.00	38.65 1.38 0.00	36.61 1.23 0.00	38.94 1.64 0.00	50.75 2.55 0.00	55.65 2.98 0.00	58.94 3.69 0.00	58.25 3.81 0.00	55.17 4.00 0.00	53.41 4.46 0.00	52.70 4.46 0.00	48.35 4.45 0.00	47.32 4.31 0.00	42.23 4.08 -0.26	47.93 4.35 0.00	54.32 5.04 0.00	51.44 5.05 0.00	48.67 4.49 0.00	42.98 3.61 0.00	40.28 3.05 0.00	40.29 3.15 0.00	39.66 3.05 0.00
HOLTSVILLE_IC_2 23691	54.05 2.70 0.00	38.06 1.64 0.00	40.15 1.43 0.00	38.50 1.23 0.00	36.48 1.10 0.00	38.78 1.49 0.00	50.50 2.30 0.00	55.35 2.68 0.00	58.60 3.35 0.00	57.90 3.47 0.00	54.85 3.68 0.00	53.07 4.13 0.00	52.36 4.13 0.00	48.06 4.16 0.00	47.04 4.03 0.00	41.95 3.80 -0.26	47.58 4.00 0.00	53.92 4.63 0.00	51.06 4.67 0.00	48.33 4.14 0.00	42.70 3.33 0.00	40.04 2.81 0.00	40.08 2.94 0.00	39.48 2.87 0.00
HOLTSVILLE_IC_3 23692	54.05 2.70 0.00	38.06 1.64 0.00	40.15 1.43 0.00	38.50 1.23 0.00	36.48 1.10 0.00	38.78 1.49 0.00	50.50 2.30 0.00	55.35 2.68 0.00	58.60 3.35 0.00	57.90 3.47 0.00	54.85 3.68 0.00	53.07 4.13 0.00	52.36 4.13 0.00	48.06 4.16 0.00	47.04 4.03 0.00	41.95 3.80 -0.26	47.58 4.00 0.00	53.92 4.63 0.00	51.06 4.67 0.00	48.33 4.14 0.00	42.70 3.33 0.00	40.04 2.81 0.00	40.08 2.94 0.00	39.48 2.87 0.00
HOLTSVILLE_IC_4 23693	54.05 2.70 0.00	38.06 1.64 0.00	40.15 1.43 0.00	38.50 1.23 0.00	36.48 1.10 0.00	38.78 1.49 0.00	50.50 2.30 0.00	55.35 2.68 0.00	58.60 3.35 0.00	57.90 3.47 0.00	54.85 3.68 0.00	53.07 4.13 0.00	52.36 4.13 0.00	48.06 4.16 0.00	47.04 4.03 0.00	41.95 3.80 -0.26	47.58 4.00 0.00	53.92 4.63 0.00	51.06 4.67 0.00	48.33 4.14 0.00	42.70 3.33 0.00	40.04 2.81 0.00	40.08 2.94 0.00	39.48 2.87 0.00
HOLTSVILLE_IC_5 23694	54.05 2.70 0.00	38.06 1.64 0.00	40.15 1.43 0.00	38.50 1.23 0.00	36.48 1.10 0.00	38.78 1.49 0.00	50.50 2.30 0.00	55.35 2.68 0.00	58.60 3.35 0.00	57.90 3.47 0.00	54.85 3.68 0.00	53.07 4.13 0.00	52.36 4.13 0.00	48.06 4.16 0.00	47.04 4.03 0.00	41.95 3.80 -0.26	47.58 4.00 0.00	53.92 4.63 0.00	51.06 4.67 0.00	48.33 4.14 0.00	42.70 3.33 0.00	40.04 2.81 0.00	40.08 2.94 0.00	39.48 2.87 0.00
HOLTSVILLE_IC_6 23695	54.29 2.94 0.00	38.22 1.79 0.00	40.31 1.59 0.00	38.65 1.38 0.00	36.61 1.23 0.00	38.94 1.64 0.00	50.75 2.55 0.00	55.65 2.98 0.00	58.94 3.69 0.00	58.25 3.81 0.00	55.17 4.00 0.00	53.41 4.46 0.00	52.70 4.46 0.00	48.35 4.45 0.00	47.32 4.31 0.00	42.23 4.08 -0.26	47.93 4.35 0.00	54.32 5.04 0.00	51.44 5.05 0.00	48.67 4.49 0.00	42.98 3.61 0.00	40.28 3.05 0.00	40.29 3.15 0.00	39.66 3.05 0.00
HOLTSVILLE_IC_7 23696	54.29 2.94 0.00	38.22 1.79 0.00	40.31 1.59 0.00	38.65 1.38 0.00	36.61 1.23 0.00	38.94 1.64 0.00	50.75 2.55 0.00	55.65 2.98 0.00	58.94 3.69 0.00	58.25 3.81 0.00	55.17 4.00 0.00	53.41 4.46 0.00	52.70 4.46 0.00	48.35 4.45 0.00	47.32 4.31 0.00	42.23 4.08 -0.26	47.93 4.35 0.00	54.32 5.04 0.00	51.44 5.05 0.00	48.67 4.49 0.00	42.98 3.61 0.00	40.28 3.05 0.00	40.29 3.15 0.00	39.66 3.05 0.00
HOLTSVILLE_IC_8 23697	54.29 2.94 0.00	38.22 1.79 0.00	40.31 1.59 0.00	38.65 1.38 0.00	36.61 1.23 0.00	38.94 1.64 0.00	50.75 2.55 0.00	55.65 2.98 0.00	58.94 3.69 0.00	58.25 3.81 0.00	55.17 4.00 0.00	53.41 4.46 0.00	52.70 4.46 0.00	48.35 4.45 0.00	47.32 4.31 0.00	42.23 4.08 -0.26	47.93 4.35 0.00	54.32 5.04 0.00	51.44 5.05 0.00	48.67 4.49 0.00	42.98 3.61 0.00	40.28 3.05 0.00	40.29 3.15 0.00	39.66 3.05 0.00
HOLTSVILLE_IC_9 23698	54.29 2.94 0.00	38.22 1.79 0.00	40.31 1.59 0.00	38.65 1.38 0.00	36.61 1.23 0.00	38.94 1.64 0.00	50.75 2.55 0.00	55.65 2.98 0.00	58.94 3.69 0.00	58.25 3.81 0.00	55.17 4.00 0.00	53.41 4.46 0.00	52.70 4.46 0.00	48.35 4.45 0.00	47.32 4.31 0.00	42.23 4.08 -0.26	47.93 4.35 0.00	54.32 5.04 0.00	51.44 5.05 0.00	48.67 4.49 0.00	42.98 3.61 0.00	40.28 3.05 0.00	40.29 3.15 0.00	39.66 3.05 0.00
HOMER_HL_115KV_TB2 355744	52.08 0.73 0.00	36.81 0.38 0.00	39.34 0.62 0.00	38.06 0.78 0.00	36.19 0.81 0.00	38.41 1.12 0.00	48.74 0.54 0.00	52.79 0.11 0.00	55.65 0.40 0.00	54.46 0.03 0.00	50.70 -0.47 0.00	48.32 -0.62 0.00	47.41 -0.82 0.00	43.06 -0.85 0.00	42.24 -0.77 0.00	37.29 -0.60 0.00	42.50 -1.08 0.00	48.15 -1.13 0.00	45.10 -1.05 0.23	42.95 -1.22 0.02	38.21 -1.15 0.00	36.48 -0.75 0.00	36.99 -0.15 0.00	36.91 0.30 0.00
HOWARD_WT_PWR 323690	48.95 -2.40 0.00	35.12 -1.31 0.00	38.23 -0.49 0.00	37.42 0.14 0.00	35.63 0.25 0.00	37.83 0.53 0.00	48.44 0.24 0.00	52.35 -0.33 0.00	54.89 -0.36 0.00	53.82 -0.62 0.00	50.33 -0.84 0.00	47.98 -0.96 0.00	46.11 -2.13 0.00	42.05 -1.86 0.00	40.78 -2.22 0.00	35.62 -2.27 0.00	39.93 -3.65 0.00	45.53 -3.77 -0.01	44.86 -4.01 -2.49	40.18 -4.21 -0.20	35.61 -3.76 0.00	33.92 -3.30 0.00	33.90 -3.24 0.00	33.75 -2.86 0.00

HQ_GEN_CEDARS 23644	49.48 -1.88 0.00	35.26 -1.16 0.00	37.37 -1.35 0.00	36.27 -1.00 0.00	34.03 -1.35 0.00	35.19 -2.11 0.00	45.82 -2.38 0.00	50.63 -2.05 0.00	54.45 -0.80 0.00	53.65 -0.78 0.00	51.16 0.00 0.00	48.87 -0.08 0.00	47.97 -0.27 0.00	43.47 -0.44 0.00	42.58 -0.43 0.00	36.63 -1.26 0.00	41.28 -2.30 0.00	45.63 -3.66 0.00	42.99 -3.40 0.00	40.72 -3.46 0.00	35.58 -3.79 0.00	33.52 -3.71 0.00	33.77 -3.37 0.00	35.36 -2.31 -1.06
HQ_GEN_CEDARS_PROXY 323590	49.48 -1.87 0.00	35.26 -1.16 0.00	37.37 -1.35 0.00	36.27 -1.00 0.00	34.03 -1.35 0.00	35.19 -2.11 0.00	45.82 -2.38 0.00	52.08 -2.05 -1.45	54.45 -0.80 0.00	53.65 -0.78 0.00	51.16 0.00 0.00	48.87 -0.07 0.00	47.97 -0.27 0.00	43.47 -0.44 0.00	42.58 -0.43 0.00	36.63 -1.26 0.00	41.28 -2.30 0.00	45.62 -3.66 0.00	42.99 -3.40 0.00	40.73 -3.46 0.00	35.58 -3.79 0.00	33.52 -3.71 0.00	33.77 -3.37 0.00	35.35 -2.31 -1.06
HQ_GEN_IMPORT 323601	45.14 0.13 6.35	36.58 0.16 0.00	38.86 0.14 0.00	37.43 0.16 0.00	34.23 0.13 1.28	37.47 0.17 0.00	50.06 0.30 -1.56	53.79 0.21 -0.90	57.71 -0.05 -2.51	55.07 -0.01 -0.64	51.21 0.04 0.00	48.97 0.02 0.00	48.36 0.12 0.00	43.94 0.03 0.00	44.43 0.05 -1.38	37.99 0.10 0.00	43.87 0.29 0.00	49.53 0.24 0.00	46.51 0.12 0.00	44.28 0.09 0.00	39.42 0.05 0.00	37.42 0.05 -0.14	37.22 0.08 0.00	36.64 0.02 0.00
HQ_GEN_WHEEL 23651	45.14 0.13 6.35	36.58 0.16 0.00	38.86 0.14 0.00	37.43 0.16 0.00	34.23 0.13 1.28	37.47 0.17 0.00	50.06 0.30 -1.56	53.79 0.21 -0.90	57.71 -0.05 -2.51	55.07 -0.01 -0.64	51.21 0.04 0.00	48.97 0.02 0.00	48.36 0.12 0.00	43.94 0.03 0.00	44.43 0.05 -1.38	37.99 0.10 0.00	43.87 0.29 0.00	49.53 0.24 0.00	46.51 0.12 0.00	44.28 0.09 0.00	39.42 0.05 0.00	37.42 0.05 -0.14	37.22 0.08 0.00	36.64 0.02 0.00
HUDSON AVE_GT_3 23810	53.95 2.60 0.00	38.13 1.71 0.00	40.32 1.59 0.00	38.59 1.32 0.00	36.59 1.21 0.00	38.79 1.50 0.00	50.60 2.40 0.00	55.70 3.02 0.00	58.90 3.65 0.00	57.98 3.54 0.00	54.66 3.49 0.00	52.69 3.74 0.00	52.00 3.77 0.00	47.48 3.57 0.00	46.51 3.50 0.00	41.29 3.14 -0.26	46.99 3.41 0.00	53.23 3.95 0.00	50.22 3.83 0.00	47.66 3.48 0.00	42.26 2.89 0.00	39.78 2.56 0.00	39.66 2.52 0.00	39.11 2.49 0.00
HUDSON AVE_GT_4 23540	53.95 2.60 0.00	38.13 1.71 0.00	40.32 1.59 0.00	38.59 1.32 0.00	36.59 1.21 0.00	38.79 1.50 0.00	50.60 2.40 0.00	55.70 3.02 0.00	58.90 3.65 0.00	57.98 3.54 0.00	54.66 3.49 0.00	52.69 3.74 0.00	52.00 3.77 0.00	47.48 3.57 0.00	46.51 3.50 0.00	41.29 3.14 -0.26	46.99 3.41 0.00	53.23 3.95 0.00	50.22 3.83 0.00	47.66 3.48 0.00	42.26 2.89 0.00	39.78 2.56 0.00	39.66 2.52 0.00	39.11 2.49 0.00
HUDSON AVE_GT_5 23657	53.95 2.60 0.00	38.13 1.71 0.00	40.32 1.59 0.00	38.59 1.32 0.00	36.59 1.21 0.00	38.79 1.50 0.00	50.60 2.40 0.00	55.70 3.02 0.00	58.90 3.65 0.00	57.98 3.54 0.00	54.66 3.49 0.00	52.69 3.74 0.00	52.00 3.77 0.00	47.48 3.57 0.00	46.51 3.50 0.00	41.29 3.14 -0.26	46.99 3.41 0.00	53.23 3.95 0.00	50.22 3.83 0.00	47.66 3.48 0.00	42.26 2.89 0.00	39.78 2.56 0.00	39.66 2.52 0.00	39.11 2.49 0.00
HUDSON_AVE_10 24168	53.72 2.37 0.00	37.97 1.55 0.00	40.14 1.42 0.00	38.43 1.15 0.00	36.43 1.05 0.00	38.65 1.36 0.00	50.42 2.22 0.00	55.49 2.81 0.00	58.68 3.43 0.00	57.75 3.31 0.00	54.41 3.24 0.00	52.44 3.50 0.00	51.78 3.54 0.00	47.26 3.35 0.00	46.29 3.28 0.00	41.10 2.95 -0.26	46.80 3.22 0.00	53.02 3.74 0.00	50.02 3.63 0.00	47.48 3.30 0.00	42.11 2.74 0.00	39.64 2.41 0.00	39.53 2.39 0.00	38.96 2.35 0.00
HUDSON___115KV_TB 4 355613	53.86 2.50 0.00	38.18 1.76 0.00	40.60 1.88 0.00	39.01 1.74 0.00	37.02 1.64 0.00	38.73 1.44 0.00	50.23 2.03 0.00	55.06 2.39 0.00	57.97 2.72 0.00	57.06 2.62 0.00	53.68 2.51 0.00	51.39 2.45 0.00	50.66 2.42 0.00	46.17 2.26 0.00	45.23 2.22 0.00	39.82 1.89 -0.05	45.77 2.19 0.00	51.75 2.47 0.00	48.71 2.32 0.00	46.48 2.29 0.00	41.39 2.02 0.00	39.00 1.77 0.00	38.78 1.64 0.00	38.13 1.51 0.00
HUNTER MOUNT___DRP 323613	54.15 2.80 0.00	38.39 1.97 0.00	40.84 2.11 0.00	39.24 1.97 0.00	37.24 1.86 0.00	38.97 1.68 0.00	50.52 2.32 0.00	55.43 2.76 0.00	58.35 3.10 0.00	57.42 2.98 0.00	54.01 2.84 0.00	51.68 2.74 0.00	50.93 2.69 0.00	46.42 2.51 0.00	45.46 2.45 0.00	40.02 2.10 -0.03	46.04 2.47 0.00	52.04 2.75 0.00	48.98 2.59 0.00	46.72 2.53 0.00	41.61 2.24 0.00	39.19 1.97 0.00	38.97 1.83 0.00	38.30 1.68 0.00
HUNTINGTON_RES_REC 323705	54.18 2.83 0.00	38.16 1.74 0.00	40.26 1.54 0.00	38.60 1.32 0.00	36.57 1.19 0.00	38.84 1.55 0.00	50.55 2.35 0.00	55.45 2.77 0.00	58.70 3.46 0.00	58.00 3.57 0.00	54.91 3.74 0.00	53.08 4.13 0.00	52.38 4.14 0.00	48.05 4.14 0.00	47.04 4.04 0.00	41.91 3.76 -0.26	47.55 3.97 0.00	53.93 4.64 0.00	51.04 4.65 0.00	48.34 4.15 0.00	42.73 3.36 0.00	40.07 2.85 0.00	40.08 2.94 0.00	39.46 2.84 0.00
HUNTLEY___63 23557	49.85 -1.50 0.00	35.42 -1.00 0.00	37.77 -0.96 0.00	36.43 -0.85 0.00	34.45 -0.93 0.00	36.71 -0.58 0.00	46.49 -1.71 0.00	49.56 -3.12 0.00	52.37 -2.88 0.00	51.52 -2.92 0.00	48.04 -3.13 0.00	45.55 -3.40 0.00	44.34 -3.90 0.00	40.53 -3.37 0.00	39.69 -3.31 0.00	35.15 -2.75 0.00	40.18 -3.39 0.00	45.52 -3.76 0.00	42.01 -3.65 0.73	40.70 -3.43 0.05	36.26 -3.10 0.00	34.56 -2.67 0.00	35.05 -2.09 0.00	35.07 -1.55 0.00
HUNTLEY___64 23558	49.85 -1.50 0.00	35.42 -1.00 0.00	37.77 -0.96 0.00	36.43 -0.85 0.00	34.45 -0.93 0.00	36.71 -0.58 0.00	46.49 -1.71 0.00	49.56 -3.12 0.00	52.37 -2.88 0.00	51.52 -2.92 0.00	48.04 -3.13 0.00	45.55 -3.40 0.00	44.34 -3.90 0.00	40.53 -3.37 0.00	39.69 -3.31 0.00	35.15 -2.75 0.00	40.18 -3.39 0.00	45.52 -3.76 0.00	42.01 -3.65 0.73	40.70 -3.43 0.05	36.26 -3.10 0.00	34.56 -2.67 0.00	35.05 -2.09 0.00	35.07 -1.55 0.00
HUNTLEY___65 23559	49.85 -1.50 0.00	35.42 -1.00 0.00	37.77 -0.96 0.00	36.43 -0.85 0.00	34.45 -0.93 0.00	36.71 -0.58 0.00	46.49 -1.71 0.00	49.56 -3.12 0.00	52.37 -2.88 0.00	51.52 -2.92 0.00	48.04 -3.13 0.00	45.55 -3.40 0.00	44.34 -3.90 0.00	40.53 -3.37 0.00	39.69 -3.31 0.00	35.15 -2.75 0.00	40.18 -3.39 0.00	45.52 -3.76 0.00	42.01 -3.65 0.73	40.70 -3.43 0.05	36.26 -3.10 0.00	34.56 -2.67 0.00	35.05 -2.09 0.00	35.07 -1.55 0.00
HUNTLEY___66 23560	49.85 -1.50 0.00	35.42 -1.00 0.00	37.77 -0.96 0.00	36.43 -0.85 0.00	34.45 -0.93 0.00	36.71 -0.58 0.00	46.49 -1.71 0.00	49.56 -3.12 0.00	52.37 -2.88 0.00	51.52 -2.92 0.00	48.04 -3.13 0.00	45.55 -3.40 0.00	44.34 -3.90 0.00	40.53 -3.37 0.00	39.69 -3.31 0.00	35.15 -2.75 0.00	40.18 -3.39 0.00	45.52 -3.76 0.00	42.01 -3.65 0.73	40.70 -3.43 0.05	36.26 -3.10 0.00	34.56 -2.67 0.00	35.05 -2.09 0.00	35.07 -1.55 0.00

HUNTLEY___67 23561	49.51 -1.84 0.00	35.18 -1.25 0.00	37.52 -1.20 0.00	36.20 -1.08 0.00	34.21 -1.17 0.00	36.45 -0.84 0.00	46.16 -2.04 0.00	49.21 -3.46 0.00	51.97 -3.28 0.00	51.10 -3.34 0.00	47.67 -3.50 0.00	45.18 -3.76 0.00	44.00 -4.24 0.00	40.22 -3.69 0.00	39.37 -3.64 0.00	34.82 -3.07 0.00	39.83 -3.74 0.00	45.10 -4.19 0.00	41.51 -4.03 0.85	40.33 -3.80 0.06	35.97 -3.40 0.00	34.30 -2.93 0.00	34.76 -2.39 0.00	34.77 -1.85 0.00
HUNTLEY___68 23562	49.51 -1.84 0.00	35.18 -1.25 0.00	37.52 -1.20 0.00	36.20 -1.08 0.00	34.21 -1.17 0.00	36.45 -0.84 0.00	46.16 -2.04 0.00	49.21 -3.46 0.00	51.97 -3.28 0.00	51.10 -3.34 0.00	47.67 -3.50 0.00	45.18 -3.76 0.00	44.00 -4.24 0.00	40.22 -3.69 0.00	39.37 -3.64 0.00	34.82 -3.07 0.00	39.83 -3.74 0.00	45.10 -4.19 0.00	41.51 -4.03 0.85	40.33 -3.80 0.06	35.97 -3.40 0.00	34.30 -2.93 0.00	34.76 -2.39 0.00	34.77 -1.85 0.00
HYLAND___LFGE 323620	51.82 0.47 0.00	36.86 0.43 0.00	39.50 0.77 0.00	38.26 0.98 0.00	36.34 0.96 0.00	38.71 1.42 0.00	49.81 1.61 0.00	54.07 1.39 0.00	56.84 1.59 0.00	55.67 1.23 0.00	52.05 0.88 0.00	49.48 0.53 0.00	48.13 -0.11 0.00	44.00 0.09 0.00	42.95 -0.06 0.00	37.84 -0.04 0.00	43.24 -0.33 0.00	49.33 0.04 -0.01	49.03 -0.09 -2.73	44.14 -0.26 -0.21	39.06 -0.32 0.00	37.10 -0.13 0.00	37.10 -0.04 0.00	36.79 0.18 0.00
INDECK___CORINTH 23802	55.53 4.18 0.00	39.26 2.84 0.00	41.70 2.98 0.00	40.12 2.84 0.00	38.07 2.69 0.00	40.11 2.82 0.00	51.66 3.47 0.00	56.89 4.22 0.00	59.98 4.73 0.00	59.06 4.62 0.00	55.47 4.30 0.00	53.15 4.20 0.00	52.38 4.14 0.00	47.75 3.85 0.00	46.72 3.71 0.00	41.13 3.19 -0.05	47.35 3.78 0.00	53.56 4.27 0.00	50.38 3.99 0.00	48.11 3.92 0.00	42.76 3.39 0.00	40.37 3.14 0.00	40.08 2.94 0.00	39.25 2.64 0.00
INDECK___ILION 23567	51.51 0.16 0.00	36.51 0.09 0.00	38.85 0.13 0.00	37.39 0.11 0.00	35.52 0.14 0.00	37.38 0.08 0.00	48.38 0.18 0.00	53.15 0.48 0.00	55.93 0.69 0.00	55.14 0.71 0.00	51.92 0.74 0.00	49.70 0.75 0.00	48.96 0.72 0.00	44.62 0.71 0.00	43.68 0.68 0.00	38.44 0.55 0.00	43.93 0.35 0.00	49.74 0.45 0.00	46.87 0.48 0.00	44.71 0.53 0.00	39.77 0.40 0.00	37.47 0.24 0.00	37.29 0.15 0.00	36.69 0.08 0.00
INDECK___OLEAN 23982	52.07 0.72 0.00	36.81 0.38 0.00	39.34 0.61 0.00	38.06 0.79 0.00	36.19 0.81 0.00	38.42 1.12 0.00	48.73 0.53 0.00	52.79 0.11 0.00	55.65 0.40 0.00	54.45 0.01 0.00	50.70 -0.46 0.00	48.33 -0.61 0.00	47.42 -0.82 0.00	43.05 -0.85 0.00	42.24 -0.77 0.00	37.29 -0.60 0.00	42.51 -1.07 0.00	48.15 -1.14 0.00	45.10 -1.05 0.23	42.97 -1.20 0.02	38.20 -1.17 0.00	36.48 -0.75 0.00	36.98 -0.16 0.00	36.92 0.31 0.00
INDECK___OSWEGO 23783	49.62 -1.73 0.00	35.16 -1.26 0.00	37.41 -1.32 0.00	36.07 -1.21 0.00	34.26 -1.12 0.00	36.18 -1.12 0.00	46.62 -1.58 0.00	50.93 -1.75 0.00	53.48 -1.77 0.00	52.61 -1.83 0.00	49.28 -1.89 0.00	46.92 -2.02 0.00	46.13 -2.11 0.00	41.97 -1.94 0.00	41.07 -1.93 0.00	36.18 -1.71 0.00	41.49 -2.09 0.00	46.89 -2.40 0.00	44.23 -2.16 0.00	42.20 -1.99 0.00	37.80 -1.57 0.00	35.94 -1.29 0.00	35.86 -1.28 0.00	35.43 -1.19 0.00
INDECK___YERKES 23781	49.89 -1.46 0.00	35.45 -0.97 0.00	37.80 -0.92 0.00	36.47 -0.81 0.00	34.48 -0.90 0.00	36.74 -0.55 0.00	46.53 -1.67 0.00	49.61 -3.07 0.00	52.41 -2.84 0.00	51.55 -2.88 0.00	48.09 -3.07 0.00	45.60 -3.35 0.00	44.38 -3.86 0.00	40.56 -3.34 0.00	39.73 -3.27 0.00	35.18 -2.71 0.00	40.23 -3.35 0.00	45.58 -3.70 0.00	42.05 -3.61 0.73	40.75 -3.38 0.05	36.29 -3.08 0.00	34.59 -2.64 0.00	35.07 -2.07 0.00	35.12 -1.50 0.00
INDIAN POINT_GT_1 24139	53.38 2.03 0.00	37.75 1.32 0.00	39.93 1.21 0.00	38.30 1.02 0.00	36.39 1.01 0.00	38.50 1.20 0.00	50.14 1.94 0.00	55.15 2.47 0.00	58.22 2.97 0.00	57.31 2.88 0.00	54.00 2.83 0.00	51.99 3.05 0.00	51.30 3.06 0.00	46.79 2.88 0.00	45.83 2.83 0.00	40.67 2.50 -0.28	46.32 2.74 0.00	52.51 3.23 0.00	49.52 3.13 0.00	47.00 2.82 0.00	41.70 2.33 0.00	39.28 2.05 0.00	39.18 2.05 0.00	38.65 2.03 0.00
INDIAN POINT_GT_2 23659	53.38 2.03 0.00	37.75 1.32 0.00	39.93 1.21 0.00	38.30 1.02 0.00	36.39 1.01 0.00	38.50 1.20 0.00	50.14 1.94 0.00	55.15 2.47 0.00	58.22 2.97 0.00	57.31 2.88 0.00	54.00 2.83 0.00	51.99 3.05 0.00	51.30 3.06 0.00	46.79 2.88 0.00	45.83 2.83 0.00	40.67 2.50 -0.28	46.32 2.74 0.00	52.51 3.23 0.00	49.52 3.13 0.00	47.00 2.82 0.00	41.70 2.33 0.00	39.28 2.05 0.00	39.18 2.05 0.00	38.65 2.03 0.00
INDIAN POINT_GT_3 24019	53.38 2.03 0.00	37.75 1.32 0.00	39.93 1.21 0.00	38.30 1.02 0.00	36.39 1.01 0.00	38.50 1.20 0.00	50.14 1.94 0.00	55.15 2.47 0.00	58.22 2.97 0.00	57.31 2.88 0.00	54.00 2.83 0.00	51.99 3.05 0.00	51.30 3.06 0.00	46.79 2.88 0.00	45.83 2.83 0.00	40.67 2.50 -0.28	46.32 2.74 0.00	52.51 3.23 0.00	49.52 3.13 0.00	47.00 2.82 0.00	41.70 2.33 0.00	39.28 2.05 0.00	39.18 2.05 0.00	38.65 2.03 0.00
INDIAN POINT___2 23530	53.27 1.92 0.00	37.68 1.25 0.00	39.83 1.11 0.00	38.22 0.94 0.00	36.33 0.95 0.00	38.44 1.14 0.00	50.07 1.87 0.00	55.06 2.39 0.00	58.10 2.85 0.00	57.19 2.75 0.00	53.89 2.72 0.00	51.87 2.93 0.00	51.18 2.95 0.00	46.67 2.76 0.00	45.73 2.73 0.00	40.62 2.40 -0.33	46.20 2.63 0.00	52.39 3.11 0.00	49.40 3.01 0.00	46.90 2.71 0.00	41.60 2.23 0.00	39.18 1.95 0.00	39.10 1.96 0.00	38.57 1.95 0.00
INDIAN POINT___3 23531	53.31 1.96 0.00	37.70 1.28 0.00	39.88 1.15 0.00	38.25 0.97 0.00	36.36 0.98 0.00	38.46 1.17 0.00	50.08 1.88 0.00	55.08 2.41 0.00	58.12 2.88 0.00	57.22 2.79 0.00	53.92 2.75 0.00	51.90 2.95 0.00	51.22 2.98 0.00	46.71 2.80 0.00	45.75 2.74 0.00	40.60 2.43 -0.28	46.24 2.66 0.00	52.41 3.13 0.00	49.43 3.04 0.00	46.92 2.73 0.00	41.62 2.26 0.00	39.21 1.99 0.00	39.12 1.98 0.00	38.59 1.98 0.00
INGHAM_C_115KV_TB7 356103	51.39 0.04 0.00	36.40 -0.02 0.00	38.76 0.04 0.00	37.28 0.01 0.00	35.44 0.06 0.00	37.22 -0.07 0.00	48.28 0.08 0.00	53.32 0.64 0.00	56.26 1.01 0.00	55.51 1.07 0.00	52.36 1.19 0.00	50.20 1.26 0.00	49.40 1.16 0.00	45.09 1.19 0.00	44.12 1.12 0.00	38.79 0.90 0.00	43.99 0.42 0.00	49.85 0.56 0.00	46.99 0.60 0.00	44.92 0.73 0.00	39.91 0.54 0.00	37.47 0.24 0.00	37.22 0.08 0.00	36.51 -0.10 0.00
IP CORINTH___1 23988	55.53 4.18 0.00	39.26 2.84 0.00	41.70 2.98 0.00	40.12 2.84 0.00	38.07 2.69 0.00	40.11 2.82 0.00	51.66 3.46 0.00	56.90 4.22 0.00	59.98 4.73 0.00	59.06 4.62 0.00	55.47 4.30 0.00	53.15 4.20 0.00	52.38 4.14 0.00	47.75 3.85 0.00	46.72 3.71 0.00	41.13 3.19 -0.05	47.35 3.78 0.00	53.56 4.27 0.00	50.38 3.99 0.00	48.11 3.92 0.00	42.76 3.39 0.00	40.37 3.14 0.00	40.08 2.94 0.00	39.25 2.64 0.00

IP___TICONDEROGA 23804	57.83 6.48 0.00	40.84 4.41 0.00	43.01 4.28 0.00	41.38 4.10 0.00	39.11 3.73 0.00	41.30 4.00 0.00	53.46 5.26 0.00	59.03 6.35 0.00	62.69 7.44 0.00	61.75 7.32 0.00	57.59 6.42 0.00	55.21 6.27 0.00	54.90 6.66 0.00	49.95 6.05 0.00	48.85 5.85 0.00	43.02 5.07 -0.06	49.65 6.08 0.00	56.08 6.79 0.00	52.70 6.31 0.00	50.51 6.32 0.00	44.81 5.44 0.00	42.47 5.25 0.00	42.04 4.91 0.00	40.94 4.33 0.00
ISLIP_RES_REC 323679	54.44 3.09 0.00	38.33 1.90 0.00	40.41 1.69 0.00	38.75 1.47 0.00	36.71 1.33 0.00	39.06 1.76 0.00	50.92 2.72 0.00	55.86 3.19 0.00	59.18 3.93 0.00	58.50 4.07 0.00	55.42 4.25 0.00	53.64 4.70 0.00	52.93 4.70 0.00	48.57 4.66 0.00	47.54 4.54 0.00	42.43 4.28 -0.26	48.16 4.59 0.00	54.59 5.31 0.00	51.67 5.28 0.00	48.90 4.71 0.00	43.15 3.78 0.00	40.43 3.21 0.00	40.44 3.30 0.00	39.79 3.17 0.00
JAMAICA__27_KV_LOAD 355505	53.97 2.62 0.00	38.16 1.73 0.00	40.34 1.62 0.00	38.63 1.35 0.00	36.60 1.22 0.00	38.89 1.59 0.00	50.69 2.49 0.00	55.84 3.16 0.00	59.06 3.81 0.00	58.11 3.67 0.00	54.71 3.54 0.00	52.67 3.72 0.00	51.98 3.75 0.00	47.44 3.53 0.00	46.45 3.45 0.00	41.28 3.14 -0.26	47.05 3.48 0.00	53.38 4.09 0.00	50.33 3.94 0.00	47.81 3.62 0.00	42.40 3.03 0.00	39.89 2.67 0.00	39.77 2.64 0.00	39.20 2.59 0.00
JANIS___SOLAR 323808	52.54 1.19 0.00	37.05 0.63 0.00	39.57 0.85 0.00	38.25 0.97 0.00	36.26 0.88 0.00	38.50 1.20 0.00	50.28 2.08 0.00	60.83 8.15 0.00	63.77 8.52 0.00	62.84 8.41 0.00	59.13 7.96 0.00	55.64 6.69 0.00	54.44 6.21 0.00	50.33 6.42 0.00	49.63 6.62 0.00	43.10 5.27 0.06	48.76 5.18 0.00	51.58 2.29 0.00	48.37 1.98 0.00	45.97 1.79 0.00	40.66 1.29 0.00	38.34 1.11 0.00	38.13 1.00 0.00	37.66 1.05 0.00
JARVIS____ 23743	51.40 0.05 0.00	36.46 0.04 0.00	38.77 0.04 0.00	37.31 0.04 0.00	35.45 0.07 0.00	37.33 0.03 0.00	48.24 0.04 0.00	52.78 0.10 0.00	55.44 0.19 0.00	54.65 0.22 0.00	51.42 0.25 0.00	49.19 0.24 0.00	48.46 0.22 0.00	44.13 0.22 0.00	43.22 0.22 0.00	38.04 0.15 0.00	43.67 0.09 0.00	49.38 0.10 0.00	46.53 0.13 0.00	44.32 0.13 0.00	39.46 0.09 0.00	37.31 0.08 0.00	37.19 0.06 0.00	36.66 0.04 0.00
JENNISON___1 23625	51.57 0.22 0.00	36.38 -0.05 0.00	39.04 0.31 0.00	37.89 0.61 0.00	35.89 0.51 0.00	37.93 0.64 0.00	49.24 1.04 0.00	55.87 3.19 0.00	59.17 3.92 0.00	58.37 3.93 0.00	55.00 3.83 0.00	51.88 2.93 0.00	50.88 2.65 0.00	46.93 3.03 0.00	46.17 3.17 0.00	40.02 2.20 0.06	45.21 1.63 0.00	50.56 1.28 0.00	47.97 1.58 0.00	45.44 1.25 0.00	39.99 0.62 0.00	37.57 0.35 0.00	37.39 0.25 0.00	37.08 0.47 0.00
JENNISON___2 23626	51.57 0.22 0.00	36.38 -0.05 0.00	39.04 0.31 0.00	37.89 0.61 0.00	35.89 0.51 0.00	37.93 0.64 0.00	49.24 1.04 0.00	55.87 3.19 0.00	59.17 3.92 0.00	58.37 3.93 0.00	55.00 3.83 0.00	51.88 2.93 0.00	50.88 2.65 0.00	46.93 3.03 0.00	46.17 3.17 0.00	40.02 2.20 0.06	45.21 1.63 0.00	50.56 1.28 0.00	47.97 1.58 0.00	45.44 1.25 0.00	39.99 0.62 0.00	37.57 0.35 0.00	37.39 0.25 0.00	37.08 0.47 0.00
JERICHO_RISE_WT_PWR 323719	50.24 -1.11 0.00	35.68 -0.75 0.00	37.66 -1.06 0.00	36.39 -0.89 0.00	34.71 -0.67 0.00	36.88 -0.41 0.00	48.22 0.02 0.00	52.79 0.12 0.00	55.29 0.05 0.00	54.62 0.19 0.00	51.64 0.47 0.00	49.61 0.67 0.00	49.13 0.89 0.00	44.49 0.58 0.00	43.60 0.59 0.00	38.43 0.54 0.00	44.34 0.76 0.00	49.28 0.00 0.00	45.88 -0.51 0.00	43.37 -0.82 0.00	38.45 -0.92 0.00	36.27 -0.96 0.00	36.13 -1.01 0.00	37.52 -1.30 -2.20
KATONAH__115KV_46KV_TB4 355592	53.86 2.52 0.00	38.07 1.64 0.00	40.28 1.56 0.00	38.62 1.34 0.00	36.66 1.28 0.00	38.81 1.51 0.00	50.57 2.37 0.00	55.64 2.97 0.00	58.76 3.51 0.00	57.85 3.41 0.00	54.51 3.34 0.00	52.48 3.53 0.00	51.75 3.51 0.00	47.23 3.32 0.00	46.24 3.24 0.00	40.97 2.88 -0.20	46.78 3.20 0.00	53.01 3.73 0.00	50.01 3.62 0.00	47.48 3.29 0.00	42.09 2.73 0.00	39.65 2.43 0.00	39.53 2.39 0.00	38.95 2.34 0.00
KCE_NY_1 323755	54.91 3.56 0.00	38.85 2.43 0.00	41.35 2.63 0.00	39.75 2.48 0.00	37.73 2.34 0.00	39.67 2.37 0.00	51.32 3.12 0.00	56.31 3.64 0.00	59.29 4.04 0.00	58.45 4.02 0.00	54.95 3.78 0.00	52.61 3.67 0.00	51.82 3.59 0.00	47.29 3.38 0.00	46.23 3.22 0.00	40.66 2.71 -0.06	46.76 3.18 0.00	52.94 3.66 0.00	49.87 3.48 0.00	47.54 3.36 0.00	42.31 2.94 0.00	39.94 2.72 0.00	39.69 2.55 0.00	38.94 2.32 0.00
KCE_NY_6_ESR 323823	50.49 -0.86 0.00	35.90 -0.52 0.00	38.30 -0.42 0.00	36.95 -0.33 0.00	34.94 -0.44 0.00	37.18 -0.11 0.00	47.17 -1.03 0.00	50.46 -2.22 0.00	53.25 -2.00 0.00	52.33 -2.11 0.00	48.82 -2.35 0.00	46.30 -2.65 0.00	45.04 -3.20 0.00	41.16 -2.74 0.00	40.29 -2.71 0.00	35.57 -2.32 0.00	40.65 -2.93 0.00	46.06 -3.21 0.00	42.37 -3.14 0.88	41.17 -2.95 0.07	36.70 -2.67 0.00	35.03 -2.20 0.00	35.38 -1.76 0.00	35.36 -1.25 0.00
KEDC_PORT_JEFF_GT2 24210	54.25 2.90 0.00	38.19 1.76 0.00	40.27 1.55 0.00	38.62 1.34 0.00	36.59 1.21 0.00	38.92 1.62 0.00	50.72 2.52 0.00	55.62 2.94 0.00	58.90 3.65 0.00	58.22 3.78 0.00	55.14 3.97 0.00	53.38 4.43 0.00	52.66 4.42 0.00	48.33 4.42 0.00	47.29 4.29 0.00	42.19 4.04 -0.26	47.89 4.31 0.00	54.30 5.02 0.00	51.40 5.01 0.00	48.65 4.46 0.00	42.94 3.57 0.00	40.24 3.01 0.00	40.25 3.11 0.00	39.63 3.01 0.00
KEDC_PORT_JEFF_GT3 24211	54.25 2.90 0.00	38.19 1.76 0.00	40.27 1.55 0.00	38.62 1.34 0.00	36.59 1.21 0.00	38.92 1.62 0.00	50.72 2.52 0.00	55.62 2.94 0.00	58.90 3.65 0.00	58.22 3.78 0.00	55.14 3.97 0.00	53.38 4.43 0.00	52.66 4.42 0.00	48.33 4.42 0.00	47.29 4.29 0.00	42.19 4.04 -0.26	47.89 4.31 0.00	54.30 5.02 0.00	51.40 5.01 0.00	48.65 4.46 0.00	42.94 3.57 0.00	40.24 3.01 0.00	40.25 3.11 0.00	39.63 3.01 0.00
KEDC_GLWD_GT4 24219	53.97 2.62 0.00	38.10 1.68 0.00	40.27 1.54 0.00	38.58 1.31 0.00	36.60 1.22 0.00	38.81 1.52 0.00	50.57 2.37 0.00	55.59 2.92 0.00	58.77 3.52 0.00	57.94 3.50 0.00	54.68 3.51 0.00	52.73 3.78 0.00	52.02 3.79 0.00	47.56 3.66 0.00	46.58 3.58 0.00	41.37 3.22 -0.26	47.06 3.49 0.00	53.33 4.05 0.00	50.37 3.98 0.00	47.77 3.58 0.00	42.31 2.95 0.00	39.81 2.59 0.00	39.75 2.61 0.00	39.15 2.54 0.00
KEDC_GLWD_GT5 24220	53.97 2.62 0.00	38.10 1.68 0.00	40.27 1.54 0.00	38.58 1.31 0.00	36.60 1.22 0.00	38.81 1.52 0.00	50.57 2.37 0.00	55.59 2.92 0.00	58.77 3.52 0.00	57.94 3.50 0.00	54.68 3.51 0.00	52.73 3.78 0.00	52.02 3.79 0.00	47.56 3.66 0.00	46.58 3.58 0.00	41.37 3.22 -0.26	47.06 3.49 0.00	53.33 4.05 0.00	50.37 3.98 0.00	47.77 3.58 0.00	42.31 2.95 0.00	39.81 2.59 0.00	39.75 2.61 0.00	39.15 2.54 0.00

KENSICO____ 23655	53.55 2.21 0.00	37.86 1.44 0.00	40.05 1.33 0.00	38.40 1.13 0.00	36.46 1.08 0.00	38.58 1.29 0.00	50.27 2.07 0.00	55.30 2.62 0.00	58.39 3.14 0.00	57.49 3.06 0.00	54.20 3.03 0.00	52.17 3.23 0.00	51.48 3.25 0.00	46.98 3.07 0.00	46.01 3.00 0.00	40.82 2.67 -0.27	46.50 2.92 0.00	52.70 3.42 0.00	49.70 3.31 0.00	47.18 3.00 0.00	41.85 2.48 0.00	39.42 2.19 0.00	39.32 2.18 0.00	38.77 2.16 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	54.50 3.15 0.00	38.49 2.07 0.00	40.73 2.01 0.00	39.10 1.82 0.00	37.19 1.81 0.00	39.42 2.13 0.00	51.39 3.19 0.00	56.69 4.01 0.00	59.87 4.62 0.00	58.95 4.51 0.00	55.50 4.33 0.00	53.35 4.40 0.00	52.61 4.37 0.00	47.94 4.03 0.00	47.00 3.99 0.00	41.34 3.53 0.08	47.54 3.96 0.00	53.90 4.61 0.00	50.81 4.42 0.00	48.19 4.01 0.00	42.72 3.36 0.00	40.24 3.02 0.00	40.09 2.95 0.00	39.49 2.88 0.00
KIAC_JFK_GT1 23816	53.80 2.45 0.00	38.04 1.62 0.00	40.22 1.49 0.00	38.51 1.23 0.00	36.48 1.10 0.00	38.76 1.46 0.00	50.52 2.32 0.00	55.63 2.95 0.00	58.84 3.60 0.00	57.89 3.46 0.00	54.52 3.35 0.00	52.51 3.56 0.00	51.82 3.58 0.00	47.27 3.36 0.00	46.29 3.29 0.00	41.14 2.99 -0.26	46.89 3.32 0.00	53.20 3.91 0.00	50.16 3.76 0.00	47.64 3.45 0.00	42.25 2.88 0.00	39.75 2.53 0.00	39.64 2.50 0.00	39.07 2.46 0.00
KIAC_JFK_GT2 23817	53.80 2.45 0.00	38.04 1.62 0.00	40.22 1.49 0.00	38.51 1.23 0.00	36.48 1.10 0.00	38.76 1.46 0.00	50.52 2.32 0.00	55.63 2.95 0.00	58.84 3.60 0.00	57.89 3.46 0.00	54.52 3.35 0.00	52.51 3.56 0.00	51.82 3.58 0.00	47.27 3.36 0.00	46.29 3.29 0.00	41.14 2.99 -0.26	46.89 3.32 0.00	53.20 3.91 0.00	50.16 3.76 0.00	47.64 3.45 0.00	42.25 2.88 0.00	39.75 2.53 0.00	39.64 2.50 0.00	39.07 2.46 0.00
KIAC_JFK____ 323774	53.80 2.45 0.00	38.04 1.62 0.00	40.22 1.49 0.00	38.51 1.23 0.00	36.48 1.10 0.00	38.76 1.47 0.00	50.52 2.32 0.00	55.63 2.96 0.00	58.85 3.60 0.00	57.90 3.46 0.00	54.52 3.36 0.00	52.50 3.56 0.00	51.81 3.57 0.00	47.27 3.36 0.00	46.29 3.28 0.00	41.14 2.99 -0.26	46.89 3.31 0.00	53.20 3.91 0.00	50.15 3.76 0.00	47.64 3.45 0.00	42.24 2.87 0.00	39.75 2.53 0.00	39.64 2.50 0.00	39.07 2.46 0.00
KINTIGH____ 23543	48.88 -2.47 0.00	34.71 -1.72 0.00	36.99 -1.73 0.00	35.67 -1.61 0.00	33.77 -1.61 0.00	35.91 -1.38 0.00	45.64 -2.56 0.00	48.87 -3.81 0.00	51.56 -3.69 0.00	50.69 -3.75 0.00	47.33 -3.84 0.00	44.96 -3.99 0.00	43.90 -4.33 0.00	40.09 -3.82 0.00	39.26 -3.74 0.00	34.74 -3.15 0.00	39.79 -3.79 0.00	45.06 -4.23 0.00	41.97 -4.03 0.39	40.34 -3.82 0.03	35.96 -3.40 0.00	34.24 -2.99 0.00	34.62 -2.52 0.00	34.57 -2.04 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	50.77 -0.58 0.00	35.99 -0.44 0.00	38.01 -0.71 0.00	36.75 -0.53 0.00	35.10 -0.28 0.00	37.36 0.06 0.00	48.94 0.74 0.00	53.65 0.97 0.00	56.21 0.96 0.00	55.47 1.04 0.00	52.43 1.26 0.00	50.39 1.45 0.00	49.89 1.66 0.00	45.22 1.32 0.00	44.30 1.30 0.00	39.07 1.18 0.00	45.06 1.48 0.00	50.09 0.80 0.00	46.57 0.18 0.00	43.98 -0.21 0.00	38.96 -0.40 0.00	36.70 -0.52 0.00	36.55 -0.59 0.00	54.51 -1.01 -18.90
LACHUTE__HYDRO 323717	57.82 6.47 0.00	40.83 4.41 0.00	43.01 4.28 0.00	41.38 4.10 0.00	39.11 3.73 0.00	41.30 4.00 0.00	53.46 5.26 0.00	59.03 6.35 0.00	62.69 7.44 0.00	61.75 7.31 0.00	57.59 6.41 0.00	55.21 6.27 0.00	54.90 6.67 0.00	49.95 6.05 0.00	48.85 5.85 0.00	43.02 5.07 -0.06	49.65 6.08 0.00	56.08 6.79 0.00	52.70 6.31 0.00	50.50 6.32 0.00	44.80 5.44 0.00	42.47 5.25 0.00	42.04 4.91 0.00	40.94 4.33 0.00
LAWRNCV_115KV_TB1 80681	49.48 -1.88 0.00	35.26 -1.16 0.00	37.37 -1.35 0.00	36.27 -1.00 0.00	34.03 -1.35 0.00	35.19 -2.11 0.00	45.82 -2.38 0.00	50.63 -2.05 0.00	54.45 -0.80 0.00	53.65 -0.78 0.00	51.16 0.00 0.00	48.87 -0.08 0.00	47.97 -0.27 0.00	43.47 -0.44 0.00	42.58 -0.43 0.00	36.63 -1.26 0.00	41.28 -2.30 0.00	45.63 -3.66 0.00	42.99 -3.40 0.00	40.72 -3.46 0.00	35.58 -3.79 0.00	33.52 -3.71 0.00	33.77 -3.37 0.00	35.36 -2.31 -1.06
LEDERLE____ 23769	53.42 2.07 0.00	37.78 1.35 0.00	39.93 1.21 0.00	38.34 1.06 0.00	36.49 1.11 0.00	38.60 1.31 0.00	50.28 2.08 0.00	55.31 2.64 0.00	58.35 3.10 0.00	57.43 2.99 0.00	54.10 2.93 0.00	52.05 3.11 0.00	51.38 3.14 0.00	46.81 2.91 0.00	45.87 2.87 0.00	39.98 2.52 0.43	46.35 2.77 0.00	52.58 3.29 0.00	49.59 3.20 0.00	47.06 2.87 0.00	41.75 2.38 0.00	39.32 2.09 0.00	39.23 2.09 0.00	38.70 2.09 0.00
LIGHTHSE_115KV_TB6 355974	49.45 -1.90 0.00	35.06 -1.37 0.00	37.31 -1.41 0.00	36.11 -1.17 0.00	34.40 -0.98 0.00	36.39 -0.90 0.00	47.10 -1.11 0.00	51.58 -1.10 0.00	54.42 -0.83 0.00	53.74 -0.70 0.00	50.47 -0.69 0.00	47.88 -1.06 0.00	47.26 -0.98 0.00	43.01 -0.90 0.00	42.17 -0.83 0.00	36.97 -0.92 0.00	42.20 -1.37 0.00	47.27 -2.02 0.00	44.72 -1.66 0.00	42.59 -1.60 0.00	37.88 -1.49 0.00	35.93 -1.30 0.00	35.72 -1.42 0.00	35.28 -1.33 0.00
LINDEN COGEN____ 23786	53.68 2.33 0.00	37.95 1.53 0.00	40.11 1.39 0.00	38.40 1.13 0.00	36.44 1.06 0.00	38.64 1.35 0.00	50.40 2.20 0.00	55.41 2.74 0.00	58.55 3.31 0.00	57.62 3.19 0.00	54.32 3.15 0.00	52.40 3.46 0.00	51.74 3.51 0.00	47.22 3.32 0.00	46.27 3.27 0.00	41.06 2.91 -0.26	46.73 3.15 0.00	52.96 3.67 0.00	49.96 3.57 0.00	47.41 3.23 0.00	42.04 2.67 0.00	39.58 2.35 0.00	39.46 2.32 0.00	38.92 2.31 0.00
LINDHRST_69_KV_BK1 356055	54.55 3.20 0.00	38.42 1.99 0.00	40.54 1.82 0.00	38.86 1.58 0.00	36.83 1.45 0.00	39.13 1.84 0.00	51.01 2.81 0.00	55.96 3.28 0.00	59.24 3.99 0.00	58.48 4.05 0.00	55.34 4.17 0.00	53.41 4.47 0.00	52.67 4.44 0.00	48.30 4.39 0.00	47.32 4.32 0.00	42.09 3.95 -0.26	47.81 4.23 0.00	54.20 4.92 0.00	51.30 4.91 0.00	48.60 4.41 0.00	43.00 3.63 0.00	40.36 3.13 0.00	40.33 3.19 0.00	39.70 3.09 0.00
LIPA_MISC_IPP 23656	54.06 2.71 0.00	38.05 1.62 0.00	40.11 1.39 0.00	38.47 1.19 0.00	36.45 1.07 0.00	38.78 1.49 0.00	50.56 2.36 0.00	55.40 2.73 0.00	58.68 3.44 0.00	58.01 3.58 0.00	54.95 3.78 0.00	53.32 4.37 0.00	52.65 4.42 0.00	48.34 4.44 0.00	47.18 4.18 0.00	42.22 4.07 -0.26	47.93 4.35 0.00	54.31 5.02 0.00	51.44 5.05 0.00	48.65 4.46 0.00	42.89 3.52 0.00	40.15 2.93 0.00	40.14 2.99 0.00	39.49 2.88 0.00
LISF__SOLAR 323691	54.14 2.79 0.00	38.10 1.67 0.00	40.16 1.44 0.00	38.51 1.23 0.00	36.49 1.11 0.00	38.83 1.54 0.00	50.63 2.43 0.00	55.50 2.82 0.00	58.79 3.54 0.00	58.11 3.67 0.00	55.06 3.89 0.00	53.42 4.47 0.00	52.74 4.51 0.00	48.43 4.52 0.00	47.27 4.26 0.00	42.30 4.15 -0.26	48.03 4.45 0.00	54.43 5.14 0.00	51.53 5.14 0.00	48.73 4.55 0.00	42.96 3.60 0.00	40.23 3.01 0.00	40.20 3.07 0.00	39.56 2.95 0.00

LITTLE FALLS___HYD 24013	51.39 0.04 0.00	36.40 -0.02 0.00	38.76 0.04 0.00	37.28 0.01 0.00	35.44 0.06 0.00	37.22 -0.07 0.00	48.28 0.08 0.00	53.32 0.64 0.00	56.26 1.01 0.00	55.51 1.07 0.00	52.36 1.19 0.00	50.20 1.26 0.00	49.40 1.16 0.00	45.09 1.19 0.00	44.12 1.12 0.00	38.79 0.90 0.00	43.99 0.42 0.00	49.85 0.56 0.00	46.99 0.60 0.00	44.92 0.73 0.00	39.91 0.54 0.00	37.47 0.24 0.00	37.22 0.08 0.00	36.51 -0.10 0.00
LITTLRIV_115KV_TB1 356100	50.38 -0.97 0.00	35.94 -0.48 0.00	38.08 -0.64 0.00	36.97 -0.31 0.00	34.64 -0.74 0.00	35.84 -1.45 0.00	46.75 -1.45 0.00	51.69 -0.99 0.00	55.54 0.30 0.00	54.74 0.30 0.00	52.16 0.99 0.00	49.78 0.84 0.00	48.87 0.64 0.00	44.27 0.37 0.00	43.39 0.39 0.00	37.33 -0.56 0.00	42.15 -1.43 0.00	46.68 -2.60 0.00	43.98 -2.41 0.00	41.66 -2.52 0.00	36.38 -2.99 0.00	34.25 -2.98 0.00	34.45 -2.69 0.00	36.02 -1.65 -1.06
LI_NEWBRDGE___DRP 323616	53.78 2.43 0.00	37.93 1.51 0.00	40.05 1.33 0.00	38.40 1.12 0.00	36.39 1.01 0.00	38.62 1.33 0.00	50.28 2.09 0.00	55.22 2.54 0.00	58.38 3.14 0.00	57.62 3.18 0.00	54.48 3.31 0.00	52.56 3.61 0.00	51.84 3.60 0.00	47.49 3.59 0.00	46.52 3.52 0.00	41.35 3.20 -0.26	46.95 3.38 0.00	53.21 3.92 0.00	50.32 3.94 0.00	47.70 3.51 0.00	42.22 2.85 0.00	39.69 2.46 0.00	39.66 2.52 0.00	39.09 2.48 0.00
LOCKPORT_115KV_TB60_63_64 80432	49.57 -1.78 0.00	35.23 -1.20 0.00	37.56 -1.16 0.00	36.22 -1.05 0.00	34.26 -1.12 0.00	36.53 -0.77 0.00	46.28 -1.92 0.00	49.31 -3.36 0.00	52.12 -3.13 0.00	51.25 -3.18 0.00	47.77 -3.40 0.00	45.31 -3.63 0.00	44.12 -4.12 0.00	40.34 -3.57 0.00	39.50 -3.50 0.00	34.98 -2.91 0.00	40.01 -3.57 0.00	45.24 -4.05 0.00	41.89 -3.88 0.62	40.46 -3.68 0.05	36.05 -3.32 0.00	34.36 -2.86 0.00	34.85 -2.29 0.00	34.87 -1.75 0.00
LOCKPORT___CC1 323769	49.50 -1.85 0.00	35.17 -1.25 0.00	37.50 -1.23 0.00	36.18 -1.10 0.00	34.21 -1.17 0.00	36.47 -0.82 0.00	46.20 -2.00 0.00	49.20 -3.47 0.00	52.00 -3.25 0.00	51.12 -3.32 0.00	47.65 -3.52 0.00	45.21 -3.73 0.00	44.01 -4.23 0.00	40.24 -3.67 0.00	39.39 -3.61 0.00	34.88 -3.02 0.00	39.90 -3.68 0.00	45.13 -4.15 0.00	41.74 -3.98 0.67	40.36 -3.77 0.05	35.95 -3.42 0.00	34.29 -2.94 0.00	34.76 -2.37 0.00	34.82 -1.80 0.00
LOCKPORT___CC2 323770	49.50 -1.85 0.00	35.17 -1.25 0.00	37.50 -1.23 0.00	36.18 -1.10 0.00	34.21 -1.17 0.00	36.47 -0.82 0.00	46.20 -2.00 0.00	49.20 -3.47 0.00	52.00 -3.25 0.00	51.12 -3.32 0.00	47.65 -3.52 0.00	45.21 -3.73 0.00	44.01 -4.23 0.00	40.24 -3.67 0.00	39.39 -3.61 0.00	34.88 -3.02 0.00	39.90 -3.68 0.00	45.13 -4.15 0.00	41.74 -3.98 0.67	40.36 -3.77 0.05	35.95 -3.42 0.00	34.29 -2.94 0.00	34.76 -2.37 0.00	34.82 -1.80 0.00
LOCKPORT___CC3 323771	49.50 -1.85 0.00	35.17 -1.25 0.00	37.50 -1.23 0.00	36.18 -1.10 0.00	34.21 -1.17 0.00	36.47 -0.82 0.00	46.20 -2.00 0.00	49.20 -3.47 0.00	52.00 -3.25 0.00	51.12 -3.32 0.00	47.65 -3.52 0.00	45.21 -3.73 0.00	44.01 -4.23 0.00	40.24 -3.67 0.00	39.39 -3.61 0.00	34.88 -3.02 0.00	39.90 -3.68 0.00	45.13 -4.15 0.00	41.74 -3.98 0.67	40.36 -3.77 0.05	35.95 -3.42 0.00	34.29 -2.94 0.00	34.76 -2.37 0.00	34.82 -1.80 0.00
LONG_LAKE_PHOENIX 24014	49.83 -1.52 0.00	35.30 -1.13 0.00	37.56 -1.16 0.00	36.18 -1.09 0.00	34.34 -1.04 0.00	36.28 -1.01 0.00	46.78 -1.42 0.00	51.09 -1.58 0.00	53.64 -1.61 0.00	52.75 -1.69 0.00	49.43 -1.74 0.00	47.15 -1.80 0.00	46.33 -1.90 0.00	42.17 -1.74 0.00	41.29 -1.72 0.00	36.39 -1.50 0.00	41.76 -1.81 0.00	47.27 -2.02 0.00	44.55 -1.84 0.00	42.47 -1.71 0.00	38.03 -1.34 0.00	36.09 -1.13 0.00	36.02 -1.12 0.00	35.58 -1.03 0.00
LOVETT___3 23632	53.11 1.77 0.00	37.57 1.15 0.00	39.73 1.01 0.00	38.13 0.86 0.00	36.28 0.90 0.00	38.38 1.09 0.00	49.95 1.75 0.00	54.94 2.26 0.00	57.94 2.69 0.00	57.02 2.59 0.00	53.74 2.57 0.00	51.72 2.78 0.00	51.05 2.82 0.00	46.52 2.62 0.00	45.58 2.57 0.00	39.73 2.28 0.44	46.06 2.48 0.00	52.24 2.95 0.00	49.26 2.87 0.00	46.75 2.57 0.00	41.48 2.11 0.00	39.06 1.84 0.00	39.00 1.86 0.00	38.48 1.87 0.00
LOVETT___4 23642	53.11 1.77 0.00	37.57 1.15 0.00	39.73 1.01 0.00	38.13 0.86 0.00	36.28 0.90 0.00	38.38 1.09 0.00	49.95 1.75 0.00	54.94 2.26 0.00	57.94 2.69 0.00	57.02 2.59 0.00	53.74 2.57 0.00	51.72 2.78 0.00	51.05 2.82 0.00	46.52 2.62 0.00	45.58 2.57 0.00	39.73 2.28 0.44	46.06 2.48 0.00	52.24 2.95 0.00	49.26 2.87 0.00	46.75 2.57 0.00	41.48 2.11 0.00	39.06 1.84 0.00	39.00 1.86 0.00	38.48 1.87 0.00
LOVETT___5 23593	53.11 1.77 0.00	37.57 1.15 0.00	39.73 1.01 0.00	38.13 0.86 0.00	36.28 0.90 0.00	38.38 1.09 0.00	49.95 1.75 0.00	54.94 2.26 0.00	57.94 2.69 0.00	57.02 2.59 0.00	53.74 2.57 0.00	51.72 2.78 0.00	51.05 2.82 0.00	46.52 2.62 0.00	45.58 2.57 0.00	39.73 2.28 0.44	46.06 2.48 0.00	52.24 2.95 0.00	49.26 2.87 0.00	46.75 2.57 0.00	41.48 2.11 0.00	39.06 1.84 0.00	39.00 1.86 0.00	38.48 1.87 0.00
LOWER RAQUET___HYD 24057	49.48 -1.87 0.00	35.26 -1.16 0.00	37.37 -1.35 0.00	36.27 -1.00 0.00	34.03 -1.35 0.00	35.19 -2.11 0.00	45.82 -2.38 0.00	50.63 -2.05 0.00	54.45 -0.80 0.00	53.65 -0.78 0.00	51.16 0.00 0.00	48.87 -0.07 0.00	47.97 -0.27 0.00	43.47 -0.44 0.00	42.58 -0.43 0.00	36.63 -1.26 0.00	41.28 -2.30 0.00	45.62 -3.66 0.00	42.99 -3.40 0.00	40.73 -3.46 0.00	35.58 -3.79 0.00	33.52 -3.71 0.00	33.77 -3.37 0.00	35.35 -2.31 -1.06
LOWER___HUDSON 24059	53.60 2.24 0.00	37.99 1.57 0.00	40.37 1.65 0.00	38.81 1.53 0.00	36.81 1.43 0.00	38.65 1.35 0.00	50.00 1.80 0.00	54.76 2.08 0.00	57.65 2.40 0.00	56.78 2.34 0.00	53.44 2.27 0.00	51.21 2.26 0.00	50.45 2.22 0.00	46.02 2.12 0.00	45.01 2.01 0.00	39.59 1.64 -0.06	45.46 1.88 0.00	51.43 2.15 0.00	48.41 2.02 0.00	46.19 2.01 0.00	41.21 1.84 0.00	38.89 1.67 0.00	38.74 1.60 0.00	38.08 1.46 0.00
LOWVILLE_115KV_TB2 356335	48.96 -2.39 0.00	34.81 -1.61 0.00	37.10 -1.63 0.00	36.22 -1.05 0.00	34.69 -0.69 0.00	36.64 -0.65 0.00	47.93 -0.27 0.00	52.71 0.04 0.00	56.23 0.98 0.00	55.67 1.24 0.00	52.46 1.29 0.00	49.48 0.53 0.00	49.11 0.88 0.00	44.74 0.83 0.00	43.96 0.96 0.00	38.09 0.20 0.00	43.15 -0.43 0.00	47.67 -1.62 0.00	45.42 -0.97 0.00	43.19 -0.99 0.00	37.54 -1.83 0.00	35.41 -1.82 0.00	35.04 -2.10 0.00	34.66 -1.96 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	54.88 3.53 0.00	38.86 2.43 0.00	41.31 2.58 0.00	39.72 2.44 0.00	37.69 2.31 0.00	39.67 2.38 0.00	51.31 3.10 0.00	56.27 3.59 0.00	59.26 4.01 0.00	58.35 3.92 0.00	54.88 3.71 0.00	52.57 3.63 0.00	51.79 3.56 0.00	47.25 3.34 0.00	46.20 3.20 0.00	40.66 2.72 -0.06	46.76 3.18 0.00	52.91 3.63 0.00	49.82 3.43 0.00	47.51 3.32 0.00	42.28 2.91 0.00	39.91 2.68 0.00	39.68 2.54 0.00	38.94 2.32 0.00

LUTHERNY_35_KV_BK2 355980	54.91 3.56 0.00	38.86 2.43 0.00	41.35 2.63 0.00	39.75 2.48 0.00	37.73 2.35 0.00	39.67 2.38 0.00	51.33 3.12 0.00	56.32 3.64 0.00	59.29 4.04 0.00	58.46 4.02 0.00	54.95 3.78 0.00	52.61 3.66 0.00	51.82 3.59 0.00	47.29 3.38 0.00	46.23 3.22 0.00	40.65 2.71 -0.06	46.76 3.19 0.00	52.94 3.66 0.00	49.87 3.48 0.00	47.55 3.36 0.00	42.31 2.95 0.00	39.94 2.72 0.00	39.69 2.55 0.00	38.93 2.32 0.00
LWR___OSWEGATCHIE_HYD 23850	48.85 -2.50 0.00	34.78 -1.65 0.00	36.95 -1.78 0.00	35.98 -1.30 0.00	34.08 -1.30 0.00	35.55 -1.75 0.00	46.39 -1.81 0.00	51.14 -1.54 0.00	54.80 -0.45 0.00	54.15 -0.28 0.00	51.37 0.20 0.00	48.73 -0.22 0.00	48.13 -0.11 0.00	43.65 -0.26 0.00	42.82 -0.19 0.00	36.92 -0.97 0.00	41.65 -1.93 0.00	45.99 -3.30 0.00	43.56 -2.83 0.00	41.35 -2.84 0.00	36.03 -3.34 0.00	33.98 -3.25 0.00	33.94 -3.20 0.00	34.80 -2.53 -0.72
LYONS_FALL_HYD 23570	50.27 -1.09 0.00	35.70 -0.72 0.00	38.02 -0.71 0.00	36.93 -0.35 0.00	35.25 -0.13 0.00	37.23 -0.06 0.00	48.54 0.33 0.00	53.30 0.63 0.00	56.52 1.28 0.00	55.89 1.46 0.00	52.59 1.42 0.00	49.86 0.92 0.00	49.36 1.13 0.00	44.96 1.06 0.00	44.14 1.13 0.00	38.46 0.57 0.00	43.79 0.22 0.00	48.84 -0.44 0.00	46.35 -0.04 0.00	44.07 -0.12 0.00	38.66 -0.71 0.00	36.50 -0.73 0.00	36.19 -0.95 0.00	35.73 -0.88 0.00
MADISON___COUNTY_LFGE 323628	52.07 0.72 0.00	36.95 0.52 0.00	39.34 0.62 0.00	37.96 0.68 0.00	36.13 0.75 0.00	38.21 0.92 0.00	49.51 1.31 0.00	54.28 1.60 0.00	57.15 1.90 0.00	56.38 1.95 0.00	52.93 1.77 0.00	50.55 1.60 0.00	49.77 1.54 0.00	45.36 1.45 0.00	44.45 1.44 0.00	39.03 1.14 0.00	44.67 1.09 0.00	50.37 1.08 0.00	47.57 1.18 0.00	45.17 0.98 0.00	40.12 0.75 0.00	37.91 0.69 0.00	37.71 0.57 0.00	37.15 0.53 0.00
MALONE___115KV_TB1 356076	50.67 -0.68 0.00	36.00 -0.43 0.00	38.01 -0.71 0.00	36.78 -0.49 0.00	34.92 -0.46 0.00	36.91 -0.39 0.00	48.23 0.03 0.00	53.01 0.33 0.00	55.88 0.63 0.00	55.23 0.80 0.00	52.22 1.05 0.00	50.10 1.16 0.00	49.48 1.24 0.00	44.80 0.90 0.00	43.88 0.87 0.00	38.48 0.59 0.00	44.19 0.61 0.00	48.98 -0.30 0.00	45.70 -0.68 0.00	43.21 -0.98 0.00	38.13 -1.24 0.00	35.95 -1.28 0.00	35.88 -1.26 0.00	37.29 -1.24 -1.92
MAPLEWOD_115KV_TB3 80458	53.09 1.74 0.00	37.68 1.25 0.00	40.05 1.32 0.00	38.49 1.21 0.00	36.50 1.12 0.00	38.23 0.93 0.00	49.46 1.26 0.00	54.19 1.51 0.00	57.03 1.78 0.00	56.18 1.74 0.00	52.88 1.72 0.00	50.70 1.75 0.00	49.95 1.72 0.00	45.56 1.66 0.00	44.59 1.58 0.00	39.26 1.32 -0.06	45.06 1.49 0.00	50.96 1.67 0.00	47.97 1.58 0.00	45.81 1.62 0.00	40.83 1.46 0.00	38.48 1.25 0.00	38.32 1.18 0.00	37.70 1.08 0.00
MAPLE_RIDGE_WT_1 323574	49.95 -1.40 0.00	35.59 -0.84 0.00	37.90 -0.82 0.00	36.61 -0.67 0.00	34.84 -0.54 0.00	36.76 -0.54 0.00	47.66 -0.54 0.00	52.06 -0.62 0.00	54.95 -0.29 0.00	54.38 -0.05 0.00	51.16 -0.01 0.00	48.75 -0.19 0.00	48.24 0.00 0.00	43.89 -0.01 0.00	43.01 0.00 0.00	37.79 -0.10 0.00	43.40 -0.18 0.00	48.72 -0.56 0.00	45.92 -0.47 0.00	43.76 -0.43 0.00	38.68 -0.69 0.00	36.45 -0.77 0.00	36.27 -0.87 0.00	35.70 -0.91 0.00
MAPLE_RIDGE_WT_2 323611	49.95 -1.40 0.00	35.59 -0.84 0.00	37.90 -0.82 0.00	36.61 -0.67 0.00	34.84 -0.54 0.00	36.76 -0.54 0.00	47.66 -0.54 0.00	52.06 -0.62 0.00	54.95 -0.29 0.00	54.38 -0.05 0.00	51.16 -0.01 0.00	48.75 -0.19 0.00	48.24 0.00 0.00	43.89 -0.01 0.00	43.01 0.00 0.00	37.79 -0.10 0.00	43.40 -0.18 0.00	48.72 -0.56 0.00	45.92 -0.47 0.00	43.76 -0.43 0.00	38.68 -0.69 0.00	36.45 -0.77 0.00	36.27 -0.87 0.00	35.70 -0.91 0.00
MARBLE_RIVER_WT_PWR 323696	50.26 -1.09 0.00	35.65 -0.78 0.00	37.66 -1.06 0.00	36.39 -0.89 0.00	34.74 -0.64 0.00	36.94 -0.35 0.00	48.28 0.08 0.00	52.86 0.18 0.00	55.36 0.11 0.00	54.67 0.23 0.00	51.66 0.49 0.00	49.63 0.69 0.00	49.14 0.91 0.00	44.53 0.62 0.00	43.62 0.61 0.00	38.47 0.58 0.00	44.36 0.78 0.00	49.29 0.01 0.00	45.87 -0.52 0.00	43.35 -0.83 0.00	38.44 -0.93 0.00	36.27 -0.96 0.00	36.14 -1.00 0.00	8.18 -1.33 27.10
MARSHVLE_115KV_TB1 80742	53.13 1.79 0.00	37.69 1.26 0.00	40.11 1.39 0.00	38.69 1.42 0.00	36.80 1.42 0.00	39.06 1.77 0.00	50.71 2.50 0.00	55.60 2.93 0.00	58.34 3.09 0.00	57.57 3.14 0.00	53.99 2.82 0.00	51.56 2.62 0.00	50.82 2.58 0.00	46.34 2.44 0.00	45.49 2.48 0.00	40.05 2.13 -0.03	45.71 2.13 0.00	51.79 2.50 0.00	48.74 2.35 0.00	46.44 2.25 0.00	41.27 1.90 0.00	38.85 1.63 0.00	38.68 1.54 0.00	38.13 1.51 0.00
MARSH_HILL_WT_PWR 323713	48.92 -2.43 0.00	35.07 -1.36 0.00	38.18 -0.55 0.00	37.38 0.11 0.00	35.58 0.20 0.00	37.77 0.48 0.00	48.37 0.17 0.00	52.28 -0.40 0.00	54.82 -0.43 0.00	53.77 -0.67 0.00	50.29 -0.88 0.00	47.95 -0.99 0.00	46.07 -2.17 0.00	42.01 -1.90 0.00	40.77 -2.23 0.00	35.61 -2.29 0.00	39.89 -3.68 0.00	45.48 -3.81 -0.01	45.05 -4.03 -2.70	40.20 -4.20 -0.21	35.62 -3.76 0.00	33.93 -3.30 0.00	33.91 -3.23 0.00	33.75 -2.86 0.00
MCINTYRE_115KV_TB2 80467	51.18 -0.17 0.00	36.51 0.08 0.00	38.68 -0.04 0.00	37.54 0.26 0.00	35.19 -0.20 0.00	36.46 -0.83 0.00	47.64 -0.56 0.00	52.71 0.03 0.00	56.59 1.34 0.00	55.77 1.33 0.00	53.10 1.93 0.00	50.67 1.73 0.00	49.73 1.50 0.00	45.05 1.14 0.00	44.15 1.15 0.00	38.02 0.13 0.00	43.00 -0.57 0.00	47.69 -1.60 0.00	44.94 -1.46 0.00	42.56 -1.62 0.00	37.16 -2.21 0.00	34.95 -2.28 0.00	35.10 -2.04 0.00	36.62 -1.05 -1.06
MECO_____69_KV_BK1 80468	54.22 2.87 0.00	38.41 1.98 0.00	40.85 2.12 0.00	39.34 2.07 0.00	37.41 2.03 0.00	39.65 2.36 0.00	51.51 3.31 0.00	56.54 3.86 0.00	59.33 4.08 0.00	58.48 4.04 0.00	54.90 3.73 0.00	52.45 3.50 0.00	51.71 3.47 0.00	47.15 3.25 0.00	46.22 3.22 0.00	40.73 2.80 -0.04	46.69 3.11 0.00	52.93 3.65 0.00	49.81 3.42 0.00	47.43 3.25 0.00	42.16 2.79 0.00	39.68 2.46 0.00	39.46 2.32 0.00	38.81 2.20 0.00
MENANDS___115KV_TB5 355628	52.85 1.50 0.00	37.52 1.10 0.00	39.87 1.14 0.00	38.32 1.04 0.00	36.34 0.96 0.00	38.00 0.70 0.00	49.15 0.95 0.00	53.82 1.14 0.00	56.64 1.39 0.00	55.80 1.36 0.00	52.53 1.36 0.00	50.37 1.42 0.00	49.65 1.41 0.00	45.29 1.38 0.00	44.32 1.31 0.00	39.03 1.08 -0.06	44.78 1.21 0.00	50.65 1.36 0.00	47.68 1.29 0.00	45.51 1.32 0.00	40.57 1.20 0.00	38.24 1.01 0.00	38.08 0.94 0.00	37.48 0.86 0.00
MG INDUSTRY___DRP 24185	52.93 1.58 0.00	37.57 1.14 0.00	39.97 1.24 0.00	38.42 1.14 0.00	36.45 1.07 0.00	38.15 0.86 0.00	49.27 1.07 0.00	53.91 1.23 0.00	56.66 1.41 0.00	55.80 1.37 0.00	52.50 1.33 0.00	50.28 1.34 0.00	49.55 1.32 0.00	45.18 1.28 0.00	44.24 1.24 0.00	38.97 1.03 -0.05	44.73 1.15 0.00	50.57 1.28 0.00	47.60 1.21 0.00	45.43 1.24 0.00	40.49 1.12 0.00	38.21 0.98 0.00	38.08 0.94 0.00	37.52 0.90 0.00

MID___OSWEGATCHIE_HYD 23849	48.85 -2.50 0.00	34.78 -1.65 0.00	36.95 -1.78 0.00	35.98 -1.30 0.00	34.08 -1.30 0.00	35.55 -1.75 0.00	46.39 -1.81 0.00	51.14 -1.54 0.00	54.80 -0.45 0.00	54.15 -0.28 0.00	51.37 0.20 0.00	48.73 -0.22 0.00	48.13 -0.11 0.00	43.65 -0.26 0.00	42.82 -0.19 0.00	36.92 -0.97 0.00	41.65 -1.93 0.00	45.99 -3.30 0.00	43.56 -2.83 0.00	41.35 -2.84 0.00	36.03 -3.34 0.00	33.98 -3.25 0.00	33.94 -3.20 0.00	34.80 -2.53 -0.72
MID___RAQUETTE_HYD 23851	49.48 -1.88 0.00	35.26 -1.16 0.00	37.37 -1.35 0.00	36.27 -1.00 0.00	34.03 -1.35 0.00	35.19 -2.11 0.00	45.82 -2.38 0.00	50.63 -2.05 0.00	54.45 -0.80 0.00	53.65 -0.78 0.00	51.16 0.00 0.00	48.87 -0.08 0.00	47.97 -0.27 0.00	43.47 -0.44 0.00	42.58 -0.43 0.00	36.63 -1.26 0.00	41.28 -2.30 0.00	45.63 -3.66 0.00	42.99 -3.40 0.00	40.72 -3.46 0.00	35.58 -3.79 0.00	33.52 -3.71 0.00	33.77 -3.37 0.00	35.36 -2.31 -1.06
MILLIKEN___1 23584	51.80 0.45 0.00	36.59 0.16 0.00	38.99 0.27 0.00	37.62 0.34 0.00	35.63 0.25 0.00	37.72 0.42 0.00	48.63 0.43 0.00	53.07 0.39 0.00	55.78 0.53 0.00	54.90 0.46 0.00	51.49 0.32 0.00	49.25 0.30 0.00	48.33 0.09 0.00	44.03 0.13 0.00	43.13 0.13 0.00	38.02 0.13 0.00	43.57 -0.01 0.00	49.57 0.29 0.00	46.81 0.43 0.00	44.61 0.42 0.00	39.69 0.32 0.00	37.56 0.34 0.00	37.42 0.28 0.00	36.95 0.34 0.00
MILLIKEN___2 23585	51.80 0.45 0.00	36.59 0.16 0.00	38.99 0.27 0.00	37.62 0.34 0.00	35.63 0.25 0.00	37.72 0.42 0.00	48.63 0.43 0.00	53.07 0.39 0.00	55.78 0.53 0.00	54.90 0.46 0.00	51.49 0.32 0.00	49.25 0.30 0.00	48.33 0.09 0.00	44.03 0.13 0.00	43.13 0.13 0.00	38.02 0.13 0.00	43.57 -0.01 0.00	49.57 0.29 0.00	46.81 0.43 0.00	44.61 0.42 0.00	39.69 0.32 0.00	37.56 0.34 0.00	37.42 0.28 0.00	36.95 0.34 0.00
MILLIKEN___DIESEL 23629	51.80 0.45 0.00	36.59 0.16 0.00	38.99 0.27 0.00	37.62 0.34 0.00	35.63 0.25 0.00	37.72 0.42 0.00	48.63 0.43 0.00	53.07 0.39 0.00	55.78 0.53 0.00	54.90 0.46 0.00	51.49 0.32 0.00	49.25 0.30 0.00	48.33 0.09 0.00	44.03 0.13 0.00	43.13 0.13 0.00	38.02 0.13 0.00	43.57 -0.01 0.00	49.57 0.29 0.00	46.81 0.43 0.00	44.61 0.42 0.00	39.69 0.32 0.00	37.56 0.34 0.00	37.42 0.28 0.00	36.95 0.34 0.00
MILLSEAT___LFGE 323607	50.53 -0.82 0.00	35.85 -0.57 0.00	38.20 -0.52 0.00	36.85 -0.42 0.00	34.89 -0.49 0.00	37.20 -0.09 0.00	47.37 -0.83 0.00	50.72 -1.96 0.00	53.57 -1.68 0.00	52.70 -1.73 0.00	49.13 -2.04 0.00	46.65 -2.30 0.00	45.49 -2.74 0.00	41.59 -2.32 0.00	40.73 -2.28 0.00	36.07 -1.83 0.00	41.28 -2.30 0.00	46.75 -2.53 0.00	43.45 -2.42 0.52	41.84 -2.31 0.04	37.22 -2.14 0.00	35.43 -1.79 0.00	35.78 -1.36 0.00	35.72 -0.90 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	53.45 2.10 0.00	37.79 1.36 0.00	39.97 1.25 0.00	38.34 1.06 0.00	36.41 1.03 0.00	38.53 1.24 0.00	50.19 1.98 0.00	55.20 2.52 0.00	58.27 3.03 0.00	57.38 2.94 0.00	54.06 2.89 0.00	52.04 3.10 0.00	51.35 3.12 0.00	46.85 2.94 0.00	45.89 2.88 0.00	40.71 2.55 -0.27	46.37 2.80 0.00	52.56 3.28 0.00	49.57 3.18 0.00	47.06 2.87 0.00	41.74 2.38 0.00	39.33 2.10 0.00	39.23 2.09 0.00	38.68 2.07 0.00
MILLWOOD_13_KV_LOAD 356217	53.51 2.16 0.00	37.83 1.40 0.00	40.03 1.31 0.00	38.39 1.11 0.00	36.46 1.08 0.00	38.58 1.29 0.00	50.26 2.06 0.00	55.28 2.61 0.00	58.37 3.12 0.00	57.46 3.02 0.00	54.15 2.98 0.00	52.13 3.18 0.00	51.44 3.20 0.00	46.92 3.01 0.00	45.96 2.96 0.00	40.78 2.62 -0.27	46.46 2.88 0.00	52.66 3.38 0.00	49.66 3.27 0.00	47.14 2.95 0.00	41.82 2.45 0.00	39.38 2.16 0.00	39.27 2.14 0.00	38.73 2.12 0.00
MODEL_CITY_ENERGY 24167	48.87 -2.48 0.00	34.75 -1.68 0.00	37.04 -1.68 0.00	35.72 -1.56 0.00	33.77 -1.61 0.00	36.00 -1.29 0.00	45.55 -2.65 0.00	48.42 -4.25 0.00	51.17 -4.08 0.00	50.32 -4.12 0.00	46.92 -4.25 0.00	44.49 -4.45 0.00	43.31 -4.93 0.00	39.60 -4.31 0.00	38.77 -4.23 0.00	34.35 -3.55 0.00	39.31 -4.26 0.00	44.32 -4.96 0.00	41.00 -4.72 0.67	39.66 -4.47 0.05	35.33 -4.03 0.00	33.72 -3.51 0.00	34.24 -2.90 0.00	34.32 -2.29 0.00
MODERN_LFGE___ 323580	48.87 -2.48 0.00	34.75 -1.68 0.00	37.04 -1.68 0.00	35.72 -1.56 0.00	33.77 -1.61 0.00	36.00 -1.29 0.00	45.55 -2.65 0.00	48.42 -4.25 0.00	51.17 -4.08 0.00	50.32 -4.12 0.00	46.92 -4.25 0.00	44.49 -4.45 0.00	43.31 -4.93 0.00	39.60 -4.31 0.00	38.77 -4.23 0.00	34.35 -3.55 0.00	39.31 -4.26 0.00	44.32 -4.96 0.00	41.00 -4.72 0.67	39.66 -4.47 0.05	35.33 -4.03 0.00	33.72 -3.51 0.00	34.24 -2.90 0.00	34.32 -2.29 0.00
MOHAWK_PAPER___DRP 24187	53.09 1.74 0.00	37.68 1.25 0.00	40.05 1.32 0.00	38.49 1.21 0.00	36.50 1.12 0.00	38.23 0.93 0.00	49.46 1.26 0.00	54.19 1.51 0.00	57.03 1.78 0.00	56.18 1.74 0.00	52.88 1.72 0.00	50.70 1.75 0.00	49.95 1.72 0.00	45.56 1.66 0.00	44.59 1.58 0.00	39.26 1.32 -0.06	45.06 1.49 0.00	50.96 1.67 0.00	47.97 1.58 0.00	45.81 1.62 0.00	40.83 1.46 0.00	38.48 1.25 0.00	38.32 1.18 0.00	37.70 1.08 0.00
MOHICAN___35_KV_115KV_LD 80490	55.69 4.34 0.00	39.37 2.95 0.00	41.78 3.06 0.00	40.20 2.92 0.00	38.14 2.76 0.00	40.18 2.89 0.00	51.82 3.62 0.00	57.04 4.37 0.00	60.16 4.91 0.00	59.24 4.80 0.00	55.65 4.48 0.00	53.31 4.37 0.00	52.56 4.32 0.00	47.92 4.01 0.00	46.88 3.88 0.00	41.27 3.33 -0.06	47.53 3.95 0.00	53.75 4.46 0.00	50.56 4.17 0.00	48.28 4.09 0.00	42.91 3.54 0.00	40.52 3.29 0.00	40.22 3.08 0.00	39.37 2.76 0.00
MONGAUP___HYD 23641	53.48 2.14 0.00	37.82 1.40 0.00	40.05 1.33 0.00	38.47 1.20 0.00	36.59 1.21 0.00	38.70 1.40 0.00	50.34 2.14 0.00	55.38 2.71 0.00	58.37 3.12 0.00	57.47 3.04 0.00	54.04 2.87 0.00	51.87 2.93 0.00	51.16 2.93 0.00	46.66 2.75 0.00	45.73 2.73 0.00	39.95 2.40 0.34	46.27 2.69 0.00	52.53 3.24 0.00	49.54 3.15 0.00	47.05 2.86 0.00	41.77 2.40 0.00	39.35 2.12 0.00	39.20 2.06 0.00	38.61 2.00 0.00
MONTAUK___DIESEL 23721	52.58 1.23 0.00	36.92 0.49 0.00	38.88 0.16 0.00	37.25 -0.02 0.00	35.31 -0.07 0.00	37.73 0.44 0.00	49.36 1.16 0.00	54.23 1.55 0.00	57.54 2.29 0.00	56.99 2.56 0.00	53.97 2.80 0.00	54.14 5.19 0.00	53.88 5.65 0.00	49.85 5.94 0.00	48.56 5.55 0.00	43.49 5.35 -0.26	49.48 5.91 0.00	56.07 6.79 0.00	53.08 6.69 0.00	49.92 5.73 0.00	43.16 3.79 0.00	39.83 2.60 0.00	39.11 1.97 0.00	38.38 1.77 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	51.75 0.40 0.00	36.60 0.18 0.00	38.94 0.22 0.00	37.54 0.26 0.00	35.44 0.06 0.00	37.84 0.55 0.00	47.91 -0.28 0.00	51.40 -1.27 0.00	54.30 -0.95 0.00	53.51 -0.92 0.00	49.53 -1.64 0.00	46.40 -2.54 0.00	45.00 -3.24 0.00	41.32 -2.58 0.00	40.38 -2.63 0.00	35.28 -2.61 0.00	40.49 -3.09 0.00	45.76 -3.53 0.00	42.34 -3.38 0.67	40.66 -3.47 0.05	36.32 -3.05 0.00	34.62 -2.60 0.00	34.98 -2.16 0.00	34.55 -2.07 0.00

MORRIS RIDGE___SOLAR 323848	49.63 -1.72 0.00	35.37 -1.06 0.00	38.13 -0.60 0.00	36.95 -0.32 0.00	35.01 -0.37 0.00	37.20 -0.09 0.00	47.43 -0.77 0.00	51.17 -1.50 0.00	53.72 -1.53 0.00	52.72 -1.71 0.00	49.20 -1.96 0.00	46.91 -2.04 0.00	45.33 -2.90 0.00	41.44 -2.47 0.00	40.48 -2.52 0.00	35.55 -2.34 0.00	40.20 -3.38 0.00	45.63 -3.64 0.01	38.93 -3.62 3.84	40.25 -3.64 0.30	36.14 -3.22 0.01	34.51 -2.71 0.00	34.60 -2.54 0.00	34.48 -2.13 0.00
MORTIMER_115KV_TB3 55949	49.80 -1.55 0.00	35.33 -1.09 0.00	37.61 -1.11 0.00	36.25 -1.03 0.00	34.36 -1.02 0.00	36.51 -0.79 0.00	46.74 -1.46 0.00	50.45 -2.23 0.00	53.20 -2.05 0.00	52.30 -2.13 0.00	48.95 -2.22 0.00	46.57 -2.38 0.00	45.59 -2.64 0.00	41.61 -2.29 0.00	40.75 -2.26 0.00	36.04 -1.85 0.00	41.35 -2.23 0.00	46.87 -2.42 0.00	44.08 -2.31 0.00	42.01 -2.18 0.00	37.43 -1.94 0.00	35.52 -1.70 0.00	35.69 -1.45 0.00	35.46 -1.16 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	53.79 2.44 0.00	38.02 1.60 0.00	40.20 1.48 0.00	38.52 1.24 0.00	36.53 1.15 0.00	38.71 1.42 0.00	50.47 2.27 0.00	55.54 2.86 0.00	58.70 3.45 0.00	57.78 3.34 0.00	54.46 3.29 0.00	52.49 3.54 0.00	51.80 3.56 0.00	47.27 3.36 0.00	46.32 3.31 0.00	41.10 2.95 -0.26	46.79 3.21 0.00	53.02 3.73 0.00	50.02 3.63 0.00	47.48 3.29 0.00	42.10 2.73 0.00	39.64 2.42 0.00	39.53 2.39 0.00	38.98 2.37 0.00
MUNSVILLE_WIND_PWR 323609	53.19 1.84 0.00	37.47 1.05 0.00	40.14 1.41 0.00	38.89 1.61 0.00	36.88 1.50 0.00	39.29 2.00 0.00	51.37 3.17 0.00	60.40 7.72 0.00	63.37 8.12 0.00	62.54 8.10 0.00	58.92 7.75 0.00	55.37 6.42 0.00	54.26 6.03 0.00	50.16 6.25 0.00	49.40 6.39 0.00	42.86 5.03 0.06	48.41 4.84 0.00	52.56 3.27 0.00	50.04 3.66 0.00	47.47 3.29 0.00	41.70 2.33 0.00	39.11 1.88 0.00	38.82 1.68 0.00	38.34 1.73 0.00
N SALMON___HYD 24042	50.67 -0.68 0.00	36.00 -0.43 0.00	38.01 -0.71 0.00	36.78 -0.49 0.00	34.92 -0.46 0.00	36.91 -0.39 0.00	48.23 0.03 0.00	53.01 0.33 0.00	55.88 0.63 0.00	55.23 0.79 0.00	52.22 1.05 0.00	50.10 1.15 0.00	49.48 1.24 0.00	44.80 0.90 0.00	43.88 0.87 0.00	38.48 0.59 0.00	44.19 0.61 0.00	48.98 -0.31 0.00	45.70 -0.68 0.00	43.20 -0.98 0.00	38.13 -1.24 0.00	35.95 -1.28 0.00	35.88 -1.26 0.00	37.28 -1.25 -1.92
N.AKRON__115KV_KNAPP 355671	50.23 -1.12 0.00	35.66 -0.76 0.00	38.00 -0.72 0.00	36.66 -0.62 0.00	34.69 -0.69 0.00	37.00 -0.29 0.00	47.02 -1.18 0.00	50.28 -2.40 0.00	53.12 -2.13 0.00	52.24 -2.20 0.00	48.70 -2.47 0.00	46.20 -2.74 0.00	45.04 -3.20 0.00	41.19 -2.72 0.00	40.34 -2.67 0.00	35.71 -2.18 0.00	40.86 -2.71 0.00	46.25 -3.03 0.00	42.92 -2.92 0.56	41.37 -2.77 0.04	36.84 -2.53 0.00	35.08 -2.14 0.00	35.48 -1.66 0.00	35.44 -1.17 0.00
N.BELMOR_69_KV_BK1 55787	54.15 2.80 0.00	38.18 1.75 0.00	40.30 1.58 0.00	38.62 1.35 0.00	36.62 1.24 0.00	38.88 1.59 0.00	50.64 2.44 0.00	55.59 2.92 0.00	58.80 3.56 0.00	58.00 3.56 0.00	54.83 3.66 0.00	52.89 3.94 0.00	52.18 3.94 0.00	47.80 3.89 0.00	46.82 3.82 0.00	41.61 3.46 -0.26	47.29 3.71 0.00	53.52 4.24 0.00	50.71 4.32 0.00	48.06 3.87 0.00	42.53 3.16 0.00	39.97 2.74 0.00	39.94 2.80 0.00	39.33 2.72 0.00
N.E_GEN_SANDY PD 24062	52.22 2.09 1.23	40.75 1.46 -2.87	42.05 1.45 -1.88	38.79 1.30 -0.22	41.52 1.23 -4.91	41.48 1.23 -2.95	52.78 1.77 -2.82	55.68 2.11 -0.90	60.32 2.56 -2.51	57.57 2.49 -0.64	53.61 2.44 0.00	51.76 2.54 -0.27	50.58 2.50 0.15	46.30 2.40 0.00	46.67 2.28 -1.38	39.31 1.88 0.46	45.68 2.10 0.00	51.70 2.42 0.00	48.69 2.30 0.00	46.38 2.19 0.00	41.03 1.96 0.29	39.17 1.79 -0.14	38.82 1.78 0.09	37.90 1.67 0.39
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	53.19 1.84 0.00	37.63 1.20 0.00	39.78 1.06 0.00	38.18 0.91 0.00	36.35 0.96 0.00	38.43 1.14 0.00	50.04 1.84 0.00	55.04 2.36 0.00	58.04 2.79 0.00	57.13 2.69 0.00	53.84 2.67 0.00	51.81 2.86 0.00	51.13 2.89 0.00	46.60 2.69 0.00	45.66 2.65 0.00	39.80 2.34 0.43	46.14 2.56 0.00	52.33 3.05 0.00	49.36 2.97 0.00	46.83 2.65 0.00	41.54 2.17 0.00	39.13 1.90 0.00	39.05 1.91 0.00	38.55 1.94 0.00
N.QUEENS_27_KV_LOAD 356247	53.90 2.55 0.00	38.19 1.76 0.00	40.36 1.64 0.00	38.62 1.34 0.00	36.59 1.21 0.00	38.82 1.52 0.00	50.60 2.40 0.00	55.76 3.09 0.00	58.93 3.68 0.00	57.97 3.54 0.00	54.58 3.41 0.00	52.69 3.74 0.00	52.02 3.79 0.00	47.54 3.63 0.00	46.52 3.51 0.00	41.29 3.14 -0.26	46.94 3.36 0.00	53.11 3.82 0.00	50.22 3.84 0.00	47.63 3.45 0.00	42.16 2.79 0.00	39.80 2.57 0.00	39.69 2.55 0.00	39.20 2.59 0.00
N.TROY___115KV_TB1 355778	53.59 2.24 0.00	37.99 1.57 0.00	40.37 1.65 0.00	38.81 1.53 0.00	36.81 1.44 0.00	38.65 1.35 0.00	50.00 1.80 0.00	54.75 2.08 0.00	57.65 2.40 0.00	56.78 2.35 0.00	53.44 2.27 0.00	51.21 2.27 0.00	50.45 2.22 0.00	46.02 2.12 0.00	45.01 2.01 0.00	39.60 1.65 -0.06	45.46 1.88 0.00	51.43 2.15 0.00	48.41 2.02 0.00	46.20 2.01 0.00	41.20 1.84 0.00	38.89 1.67 0.00	38.74 1.60 0.00	38.08 1.46 0.00
NARROWS_GT1_1 24228	54.14 2.79 0.00	38.29 1.86 0.00	40.47 1.75 0.00	38.75 1.47 0.00	36.75 1.37 0.00	38.90 1.60 0.00	50.70 2.50 0.00	55.78 3.11 0.00	58.91 3.66 0.00	57.97 3.54 0.00	54.63 3.46 0.00	52.72 3.77 0.00	52.06 3.82 0.00	47.51 3.61 0.00	46.54 3.54 0.00	41.29 3.14 -0.26	46.98 3.40 0.00	53.23 3.95 0.00	50.26 3.87 0.00	47.75 3.57 0.00	42.31 2.95 0.00	39.86 2.63 0.00	39.73 2.59 0.00	39.19 2.57 0.00
NARROWS_GT1_2 24229	54.14 2.79 0.00	38.29 1.86 0.00	40.47 1.75 0.00	38.75 1.47 0.00	36.75 1.37 0.00	38.90 1.60 0.00	50.70 2.50 0.00	55.78 3.11 0.00	58.91 3.66 0.00	57.97 3.54 0.00	54.63 3.46 0.00	52.72 3.77 0.00	52.06 3.82 0.00	47.51 3.61 0.00	46.54 3.54 0.00	41.29 3.14 -0.26	46.98 3.40 0.00	53.23 3.95 0.00	50.26 3.87 0.00	47.75 3.57 0.00	42.31 2.95 0.00	39.86 2.63 0.00	39.73 2.59 0.00	39.19 2.57 0.00
NARROWS_GT1_3 24230	54.14 2.79 0.00	38.29 1.86 0.00	40.47 1.75 0.00	38.75 1.47 0.00	36.75 1.37 0.00	38.90 1.60 0.00	50.70 2.50 0.00	55.78 3.11 0.00	58.91 3.66 0.00	57.97 3.54 0.00	54.63 3.46 0.00	52.72 3.77 0.00	52.06 3.82 0.00	47.51 3.61 0.00	46.54 3.54 0.00	41.29 3.14 -0.26	46.98 3.40 0.00	53.23 3.95 0.00	50.26 3.87 0.00	47.75 3.57 0.00	42.31 2.95 0.00	39.86 2.63 0.00	39.73 2.59 0.00	39.19 2.57 0.00
NARROWS_GT1_4 24231	54.14 2.79 0.00	38.29 1.86 0.00	40.47 1.75 0.00	38.75 1.47 0.00	36.75 1.37 0.00	38.90 1.60 0.00	50.70 2.50 0.00	55.78 3.11 0.00	58.91 3.66 0.00	57.97 3.54 0.00	54.63 3.46 0.00	52.72 3.77 0.00	52.06 3.82 0.00	47.51 3.61 0.00	46.54 3.54 0.00	41.29 3.14 -0.26	46.98 3.40 0.00	53.23 3.95 0.00	50.26 3.87 0.00	47.75 3.57 0.00	42.31 2.95 0.00	39.86 2.63 0.00	39.73 2.59 0.00	39.19 2.57 0.00

NARROWS_GT1_5 24232	54.14 2.79 0.00	38.29 1.86 0.00	40.47 1.75 0.00	38.75 1.47 0.00	36.75 1.37 0.00	38.90 1.60 0.00	50.70 2.50 0.00	55.78 3.11 0.00	58.91 3.66 0.00	57.97 3.54 0.00	54.63 3.46 0.00	52.72 3.77 0.00	52.06 3.82 0.00	47.51 3.61 0.00	46.54 3.54 0.00	41.29 3.14 -0.26	46.98 3.40 0.00	53.23 3.95 0.00	50.26 3.87 0.00	47.75 3.57 0.00	42.31 2.95 0.00	39.86 2.63 0.00	39.73 2.59 0.00	39.19 2.57 0.00
NARROWS_GT1_6 24233	54.14 2.79 0.00	38.29 1.86 0.00	40.47 1.75 0.00	38.75 1.47 0.00	36.75 1.37 0.00	38.90 1.60 0.00	50.70 2.50 0.00	55.78 3.11 0.00	58.91 3.66 0.00	57.97 3.54 0.00	54.63 3.46 0.00	52.72 3.77 0.00	52.06 3.82 0.00	47.51 3.61 0.00	46.54 3.54 0.00	41.29 3.14 -0.26	46.98 3.40 0.00	53.23 3.95 0.00	50.26 3.87 0.00	47.75 3.57 0.00	42.31 2.95 0.00	39.86 2.63 0.00	39.73 2.59 0.00	39.19 2.57 0.00
NARROWS_GT1_7 24234	54.14 2.79 0.00	38.29 1.86 0.00	40.47 1.75 0.00	38.75 1.47 0.00	36.75 1.37 0.00	38.90 1.60 0.00	50.70 2.50 0.00	55.78 3.11 0.00	58.91 3.66 0.00	57.97 3.54 0.00	54.63 3.46 0.00	52.72 3.77 0.00	52.06 3.82 0.00	47.51 3.61 0.00	46.54 3.54 0.00	41.29 3.14 -0.26	46.98 3.40 0.00	53.23 3.95 0.00	50.26 3.87 0.00	47.75 3.57 0.00	42.31 2.95 0.00	39.86 2.63 0.00	39.73 2.59 0.00	39.19 2.57 0.00
NARROWS_GT1_8 24235	54.14 2.79 0.00	38.29 1.86 0.00	40.47 1.75 0.00	38.75 1.47 0.00	36.75 1.37 0.00	38.90 1.60 0.00	50.70 2.50 0.00	55.78 3.11 0.00	58.91 3.66 0.00	57.97 3.54 0.00	54.63 3.46 0.00	52.72 3.77 0.00	52.06 3.82 0.00	47.51 3.61 0.00	46.54 3.54 0.00	41.29 3.14 -0.26	46.98 3.40 0.00	53.23 3.95 0.00	50.26 3.87 0.00	47.75 3.57 0.00	42.31 2.95 0.00	39.86 2.63 0.00	39.73 2.59 0.00	39.19 2.57 0.00
NARROWS_GT2_1 24236	54.14 2.79 0.00	38.29 1.86 0.00	40.47 1.75 0.00	38.75 1.47 0.00	36.75 1.37 0.00	38.90 1.60 0.00	50.70 2.50 0.00	55.78 3.11 0.00	58.91 3.66 0.00	57.97 3.54 0.00	54.63 3.46 0.00	52.72 3.77 0.00	52.06 3.82 0.00	47.51 3.61 0.00	46.54 3.54 0.00	41.29 3.14 -0.26	46.98 3.40 0.00	53.23 3.95 0.00	50.26 3.87 0.00	47.75 3.57 0.00	42.31 2.95 0.00	39.86 2.63 0.00	39.73 2.59 0.00	39.19 2.57 0.00
NARROWS_GT2_2 24237	54.14 2.79 0.00	38.29 1.86 0.00	40.47 1.75 0.00	38.75 1.47 0.00	36.75 1.37 0.00	38.90 1.60 0.00	50.70 2.50 0.00	55.78 3.11 0.00	58.91 3.66 0.00	57.97 3.54 0.00	54.63 3.46 0.00	52.72 3.77 0.00	52.06 3.82 0.00	47.51 3.61 0.00	46.54 3.54 0.00	41.29 3.14 -0.26	46.98 3.40 0.00	53.23 3.95 0.00	50.26 3.87 0.00	47.75 3.57 0.00	42.31 2.95 0.00	39.86 2.63 0.00	39.73 2.59 0.00	39.19 2.57 0.00
NARROWS_GT2_3 24238	54.14 2.79 0.00	38.29 1.86 0.00	40.47 1.75 0.00	38.75 1.47 0.00	36.75 1.37 0.00	38.90 1.60 0.00	50.70 2.50 0.00	55.78 3.11 0.00	58.91 3.66 0.00	57.97 3.54 0.00	54.63 3.46 0.00	52.72 3.77 0.00	52.06 3.82 0.00	47.51 3.61 0.00	46.54 3.54 0.00	41.29 3.14 -0.26	46.98 3.40 0.00	53.23 3.95 0.00	50.26 3.87 0.00	47.75 3.57 0.00	42.31 2.95 0.00	39.86 2.63 0.00	39.73 2.59 0.00	39.19 2.57 0.00
NARROWS_GT2_4 24239	54.14 2.79 0.00	38.29 1.86 0.00	40.47 1.75 0.00	38.75 1.47 0.00	36.75 1.37 0.00	38.90 1.60 0.00	50.70 2.50 0.00	55.78 3.11 0.00	58.91 3.66 0.00	57.97 3.54 0.00	54.63 3.46 0.00	52.72 3.77 0.00	52.06 3.82 0.00	47.51 3.61 0.00	46.54 3.54 0.00	41.29 3.14 -0.26	46.98 3.40 0.00	53.23 3.95 0.00	50.26 3.87 0.00	47.75 3.57 0.00	42.31 2.95 0.00	39.86 2.63 0.00	39.73 2.59 0.00	39.19 2.57 0.00
NARROWS_GT2_5 24240	54.14 2.79 0.00	38.29 1.86 0.00	40.47 1.75 0.00	38.75 1.47 0.00	36.75 1.37 0.00	38.90 1.60 0.00	50.70 2.50 0.00	55.78 3.11 0.00	58.91 3.66 0.00	57.97 3.54 0.00	54.63 3.46 0.00	52.72 3.77 0.00	52.06 3.82 0.00	47.51 3.61 0.00	46.54 3.54 0.00	41.29 3.14 -0.26	46.98 3.40 0.00	53.23 3.95 0.00	50.26 3.87 0.00	47.75 3.57 0.00	42.31 2.95 0.00	39.86 2.63 0.00	39.73 2.59 0.00	39.19 2.57 0.00
NARROWS_GT2_6 24241	54.14 2.79 0.00	38.29 1.86 0.00	40.47 1.75 0.00	38.75 1.47 0.00	36.75 1.37 0.00	38.90 1.60 0.00	50.70 2.50 0.00	55.78 3.11 0.00	58.91 3.66 0.00	57.97 3.54 0.00	54.63 3.46 0.00	52.72 3.77 0.00	52.06 3.82 0.00	47.51 3.61 0.00	46.54 3.54 0.00	41.29 3.14 -0.26	46.98 3.40 0.00	53.23 3.95 0.00	50.26 3.87 0.00	47.75 3.57 0.00	42.31 2.95 0.00	39.86 2.63 0.00	39.73 2.59 0.00	39.19 2.57 0.00
NARROWS_GT2_7 24242	54.14 2.79 0.00	38.29 1.86 0.00	40.47 1.75 0.00	38.75 1.47 0.00	36.75 1.37 0.00	38.90 1.60 0.00	50.70 2.50 0.00	55.78 3.11 0.00	58.91 3.66 0.00	57.97 3.54 0.00	54.63 3.46 0.00	52.72 3.77 0.00	52.06 3.82 0.00	47.51 3.61 0.00	46.54 3.54 0.00	41.29 3.14 -0.26	46.98 3.40 0.00	53.23 3.95 0.00	50.26 3.87 0.00	47.75 3.57 0.00	42.31 2.95 0.00	39.86 2.63 0.00	39.73 2.59 0.00	39.19 2.57 0.00
NARROWS_GT2_8 24243	54.14 2.79 0.00	38.29 1.86 0.00	40.47 1.75 0.00	38.75 1.47 0.00	36.75 1.37 0.00	38.90 1.60 0.00	50.70 2.50 0.00	55.78 3.11 0.00	58.91 3.66 0.00	57.97 3.54 0.00	54.63 3.46 0.00	52.72 3.77 0.00	52.06 3.82 0.00	47.51 3.61 0.00	46.54 3.54 0.00	41.29 3.14 -0.26	46.98 3.40 0.00	53.23 3.95 0.00	50.26 3.87 0.00	47.75 3.57 0.00	42.31 2.95 0.00	39.86 2.63 0.00	39.73 2.59 0.00	39.19 2.57 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	54.15 2.80 0.00	38.39 1.97 0.00	40.84 2.11 0.00	39.24 1.97 0.00	37.24 1.86 0.00	38.97 1.68 0.00	50.52 2.32 0.00	55.43 2.76 0.00	58.35 3.10 0.00	57.42 2.98 0.00	54.01 2.84 0.00	51.68 2.74 0.00	50.93 2.69 0.00	46.42 2.51 0.00	45.46 2.45 0.00	40.02 2.10 -0.03	46.04 2.47 0.00	52.04 2.75 0.00	48.98 2.59 0.00	46.72 2.53 0.00	41.61 2.24 0.00	39.19 1.97 0.00	38.97 1.83 0.00	38.30 1.68 0.00
NCHELSEA_115KV_TR2 355582	54.00 2.65 0.00	38.17 1.75 0.00	40.40 1.68 0.00	38.76 1.48 0.00	36.82 1.44 0.00	38.97 1.67 0.00	50.76 2.56 0.00	55.86 3.18 0.00	58.98 3.73 0.00	58.07 3.63 0.00	54.71 3.54 0.00	52.64 3.69 0.00	51.90 3.67 0.00	47.33 3.42 0.00	46.37 3.36 0.00	40.86 2.97 0.00	46.91 3.34 0.00	53.16 3.88 0.00	50.13 3.73 0.00	47.58 3.39 0.00	42.21 2.84 0.00	39.76 2.53 0.00	39.62 2.48 0.00	39.03 2.42 0.00
NEG CAPITAL___MECHNVIL 23645	54.78 3.43 0.00	38.79 2.37 0.00	41.23 2.50 0.00	39.63 2.35 0.00	37.62 2.24 0.00	39.59 2.30 0.00	51.22 3.02 0.00	56.17 3.50 0.00	59.15 3.90 0.00	58.23 3.79 0.00	54.82 3.66 0.00	52.56 3.62 0.00	51.77 3.53 0.00	47.22 3.31 0.00	46.20 3.19 0.00	40.64 2.70 -0.06	46.72 3.15 0.00	52.87 3.59 0.00	49.82 3.43 0.00	47.48 3.29 0.00	42.27 2.90 0.00	39.88 2.66 0.00	39.66 2.52 0.00	38.92 2.30 0.00

NEG CENTRAL_HIGH_ACRES 23767	49.15 -2.20 0.00	34.84 -1.58 0.00	37.09 -1.63 0.00	35.76 -1.52 0.00	33.91 -1.47 0.00	36.01 -1.29 0.00	46.21 -1.99 0.00	50.04 -2.64 0.00	52.74 -2.51 0.00	51.82 -2.62 0.00	48.52 -2.65 0.00	46.21 -2.74 0.00	45.27 -2.96 0.00	41.30 -2.60 0.00	40.46 -2.54 0.00	35.75 -2.14 0.00	41.04 -2.54 0.00	46.51 -2.78 0.00	43.75 -2.64 0.00	41.70 -2.49 0.00	37.15 -2.22 0.00	35.25 -1.98 0.00	35.33 -1.80 0.00	35.05 -1.56 0.00
NEG CENTRAL___DRP 24199	50.74 -0.61 0.00	35.96 -0.47 0.00	38.40 -0.33 0.00	37.08 -0.20 0.00	35.13 -0.25 0.00	37.23 -0.06 0.00	47.89 -0.31 0.00	52.15 -0.53 0.00	54.74 -0.51 0.00	53.85 -0.59 0.00	50.44 -0.73 0.00	48.17 -0.78 0.00	47.17 -1.06 0.00	42.96 -0.95 0.00	42.06 -0.95 0.00	37.18 -0.72 0.00	42.45 -1.13 0.00	48.20 -1.09 0.00	45.64 -1.02 -0.27	43.24 -0.96 -0.02	38.61 -0.76 0.00	36.61 -0.61 0.00	36.54 -0.60 0.00	36.16 -0.45 0.00
NEG CENTRAL___INDECK 23768	51.19 -0.16 0.00	36.43 0.00 0.00	39.04 0.32 0.00	37.81 0.53 0.00	35.89 0.51 0.00	38.20 0.91 0.00	49.06 0.86 0.00	53.17 0.50 0.00	55.91 0.66 0.00	54.83 0.39 0.00	51.21 0.05 0.00	48.77 -0.18 0.00	47.48 -0.75 0.00	43.39 -0.51 0.00	42.38 -0.62 0.00	37.32 -0.57 0.00	42.57 -1.00 0.00	48.44 -0.85 -0.01	48.19 -0.94 -2.74	43.36 -1.05 -0.21	38.38 -0.99 0.00	36.46 -0.76 0.00	36.50 -0.64 0.00	36.24 -0.37 0.00
NEG CENTRAL___SENECA 23627	50.69 -0.66 0.00	35.94 -0.48 0.00	38.46 -0.27 0.00	37.19 -0.09 0.00	35.23 -0.15 0.00	37.41 0.11 0.00	48.02 -0.18 0.00	52.24 -0.44 0.00	54.82 -0.43 0.00	53.93 -0.50 0.00	50.52 -0.65 0.00	48.24 -0.70 0.00	47.17 -1.06 0.00	42.97 -0.93 0.00	42.06 -0.95 0.00	37.25 -0.64 0.00	42.37 -1.21 0.00	48.15 -1.14 0.00	45.73 -1.10 -0.44	43.14 -1.09 -0.04	38.49 -0.88 0.00	36.50 -0.73 0.00	36.44 -0.70 0.00	36.10 -0.52 0.00
NEG CENTRAL___STATE_STREET 24147	51.27 -0.07 0.00	36.28 -0.15 0.00	38.63 -0.10 0.00	37.23 -0.04 0.00	35.21 -0.17 0.00	37.24 -0.05 0.00	47.98 -0.22 0.00	52.33 -0.35 0.00	54.97 -0.27 0.00	54.08 -0.36 0.00	50.66 -0.51 0.00	48.40 -0.54 0.00	47.48 -0.76 0.00	43.25 -0.66 0.00	42.35 -0.66 0.00	37.38 -0.51 0.00	42.84 -0.74 0.00	48.59 -0.70 0.00	45.81 -0.58 0.00	43.81 -0.38 0.00	39.10 -0.26 0.00	37.10 -0.13 0.00	37.01 -0.14 0.00	36.56 -0.05 0.00
NEG MILLWOOD___DRP 24198	54.15 2.80 0.00	38.26 1.84 0.00	40.49 1.77 0.00	38.82 1.54 0.00	36.87 1.49 0.00	39.03 1.74 0.00	50.88 2.68 0.00	56.02 3.34 0.00	59.14 3.89 0.00	58.23 3.79 0.00	54.86 3.69 0.00	52.79 3.85 0.00	52.06 3.83 0.00	47.50 3.60 0.00	46.52 3.51 0.00	41.12 3.12 -0.12	47.07 3.49 0.00	53.34 4.06 0.00	50.31 3.92 0.00	47.75 3.56 0.00	42.34 2.98 0.00	39.88 2.65 0.00	39.74 2.60 0.00	39.14 2.53 0.00
NEG NORTH_FLCN_SEA 23793	50.40 -0.95 0.00	35.73 -0.70 0.00	37.74 -0.99 0.00	36.50 -0.78 0.00	34.87 -0.51 0.00	37.12 -0.17 0.00	48.60 0.40 0.00	53.26 0.58 0.00	55.81 0.56 0.00	55.06 0.62 0.00	52.07 0.90 0.00	50.05 1.11 0.00	49.56 1.32 0.00	44.94 1.03 0.00	44.02 1.02 0.00	38.82 0.93 0.00	44.74 1.17 0.00	49.74 0.45 0.00	46.22 -0.17 0.00	43.65 -0.54 0.00	38.69 -0.68 0.00	36.45 -0.77 0.00	36.30 -0.85 0.00	6.46 -1.26 28.89
NEG NORTH_KES_CHATEGAY 23792	50.41 -0.95 0.00	35.79 -0.64 0.00	37.75 -0.97 0.00	36.51 -0.77 0.00	34.80 -0.57 0.00	37.00 -0.30 0.00	48.35 0.15 0.00	52.97 0.29 0.00	55.48 0.23 0.00	54.77 0.33 0.00	51.79 0.62 0.00	49.75 0.81 0.00	49.26 1.02 0.00	44.61 0.70 0.00	43.71 0.70 0.00	38.53 0.64 0.00	44.47 0.89 0.00	49.33 0.04 0.00	45.88 -0.51 0.00	43.38 -0.81 0.00	38.44 -0.93 0.00	36.26 -0.96 0.00	36.13 -1.01 0.00	37.96 -1.29 -2.64
NEG NORTH___ALICE_FALLS 23915	50.77 -0.58 0.00	35.99 -0.44 0.00	38.01 -0.71 0.00	36.75 -0.53 0.00	35.10 -0.28 0.00	37.36 0.06 0.00	48.94 0.74 0.00	53.65 0.97 0.00	56.21 0.96 0.00	55.47 1.04 0.00	52.43 1.26 0.00	50.39 1.45 0.00	49.89 1.66 0.00	45.22 1.32 0.00	44.30 1.30 0.00	39.07 1.18 0.00	45.06 1.48 0.00	50.09 0.80 0.00	46.57 0.18 0.00	43.98 -0.21 0.00	38.96 -0.40 0.00	36.70 -0.52 0.00	36.55 -0.59 0.00	54.51 -1.01 -18.90
NEG NORTH___LWR_SARANAC 23913	50.77 -0.58 0.00	35.99 -0.44 0.00	38.01 -0.71 0.00	36.75 -0.53 0.00	35.10 -0.28 0.00	37.36 0.06 0.00	48.94 0.74 0.00	53.65 0.97 0.00	56.21 0.96 0.00	55.47 1.04 0.00	52.43 1.26 0.00	50.39 1.45 0.00	49.89 1.66 0.00	45.22 1.32 0.00	44.30 1.30 0.00	39.07 1.18 0.00	45.06 1.48 0.00	50.09 0.80 0.00	46.57 0.18 0.00	43.98 -0.21 0.00	38.96 -0.40 0.00	36.70 -0.52 0.00	36.55 -0.59 0.00	54.51 -1.01 -18.90
NEG NORTH___PLATTSBURG 23628	50.77 -0.58 0.00	35.99 -0.44 0.00	38.01 -0.71 0.00	36.75 -0.53 0.00	35.10 -0.28 0.00	37.36 0.06 0.00	48.93 0.74 0.00	53.65 0.97 0.00	56.21 0.96 0.00	55.47 1.04 0.00	52.43 1.26 0.00	50.39 1.44 0.00	49.89 1.66 0.00	45.22 1.32 0.00	44.30 1.30 0.00	39.06 1.17 0.00	45.05 1.48 0.00	50.08 0.80 0.00	46.57 0.19 0.00	43.98 -0.21 0.00	38.96 -0.40 0.00	36.70 -0.52 0.00	36.55 -0.59 0.00	54.51 -1.01 -18.90
NEG WEST_LEA_LOCKPORT 23791	49.51 -1.84 0.00	35.18 -1.25 0.00	37.50 -1.23 0.00	36.18 -1.10 0.00	34.21 -1.17 0.00	36.47 -0.82 0.00	46.20 -2.00 0.00	49.20 -3.47 0.00	52.00 -3.25 0.00	51.14 -3.30 0.00	47.66 -3.51 0.00	45.21 -3.74 0.00	44.00 -4.23 0.00	40.24 -3.67 0.00	39.39 -3.61 0.00	34.88 -3.01 0.00	39.89 -3.68 0.00	45.12 -4.16 0.00	41.73 -3.99 0.67	40.35 -3.78 0.05	35.96 -3.41 0.00	34.29 -2.94 0.00	34.78 -2.36 0.00	34.80 -1.81 0.00
NEG WEST___LANCASTR 23811	51.99 0.64 0.00	36.84 0.42 0.00	39.35 0.62 0.00	38.00 0.73 0.00	35.98 0.60 0.00	38.29 1.00 0.00	48.56 0.36 0.00	52.27 -0.41 0.00	55.14 -0.11 0.00	54.15 -0.28 0.00	50.51 -0.66 0.00	47.99 -0.96 0.00	46.92 -1.32 0.00	42.78 -1.13 0.00	41.91 -1.09 0.00	37.05 -0.83 0.00	42.31 -1.27 0.00	47.97 -1.31 0.00	44.40 -1.29 0.70	42.83 -1.30 0.05	38.17 -1.19 0.00	36.39 -0.83 0.00	36.79 -0.35 0.00	36.70 0.08 0.00
NEG_PENN_ALLEGHNY 23528	51.27 -0.08 0.00	36.16 -0.27 0.00	38.62 -0.11 0.00	37.29 0.02 0.00	35.35 -0.02 0.00	37.39 0.10 0.00	48.15 -0.05 0.00	52.73 0.05 0.00	55.32 0.08 0.00	54.51 0.07 0.00	51.16 -0.01 0.00	48.96 0.01 0.00	48.04 -0.19 0.00	43.76 -0.15 0.00	42.87 -0.13 0.00	37.73 -0.13 0.03	43.16 -0.42 0.00	49.08 -0.21 0.00	46.35 -0.14 -0.10	43.99 -0.20 -0.01	39.14 -0.23 0.00	37.01 -0.21 0.00	36.91 -0.23 0.00	36.51 -0.11 0.00
NEG___GEN_MONROE 24207	50.22 -1.13 0.00	35.66 -0.77 0.00	37.93 -0.79 0.00	36.60 -0.68 0.00	34.65 -0.73 0.00	36.85 -0.44 0.00	47.25 -0.95 0.00	50.86 -1.82 0.00	53.64 -1.61 0.00	52.74 -1.70 0.00	49.31 -1.86 0.00	46.91 -2.04 0.00	45.89 -2.34 0.00	41.91 -1.99 0.00	41.04 -1.97 0.00	36.30 -1.58 0.00	41.65 -1.93 0.00	47.22 -2.06 0.00	44.43 -1.96 0.00	42.32 -1.87 0.00	37.69 -1.68 0.00	35.76 -1.46 0.00	35.95 -1.19 0.00	35.72 -0.89 0.00

NEPA___ENERGY 23901	50.81 -0.55 0.00	36.05 -0.37 0.00	38.44 -0.29 0.00	37.08 -0.20 0.00	35.04 -0.34 0.00	37.36 0.06 0.00	47.33 -0.87 0.00	50.62 -2.06 0.00	53.47 -1.78 0.00	52.61 -1.83 0.00	48.96 -2.21 0.00	46.25 -2.70 0.00	44.92 -3.31 0.00	41.17 -2.73 0.00	40.28 -2.72 0.00	35.45 -2.45 0.00	40.59 -2.99 0.00	45.91 -3.38 0.00	42.21 -3.27 0.91	41.01 -3.11 0.07	36.54 -2.83 0.00	34.86 -2.37 0.00	35.23 -1.90 0.00	35.09 -1.53 0.00
NEVERSink___HYD 23608	54.31 2.96 0.00	38.38 1.95 0.00	40.64 1.92 0.00	39.04 1.76 0.00	37.13 1.75 0.00	39.31 2.02 0.00	51.21 3.01 0.00	56.44 3.77 0.00	59.59 4.35 0.00	58.66 4.23 0.00	55.21 4.05 0.00	53.01 4.06 0.00	52.26 4.02 0.00	47.63 3.72 0.00	46.67 3.67 0.00	41.01 3.23 0.11	47.18 3.61 0.00	53.46 4.18 0.00	50.40 4.01 0.00	47.84 3.65 0.00	42.44 3.07 0.00	40.00 2.77 0.00	39.85 2.71 0.00	39.27 2.66 0.00
NEWKRMKL_115KV_TB1 55635	52.68 1.33 0.00	37.38 0.96 0.00	39.74 1.02 0.00	38.19 0.91 0.00	36.20 0.82 0.00	37.80 0.51 0.00	48.93 0.73 0.00	53.60 0.92 0.00	56.41 1.16 0.00	55.57 1.14 0.00	52.31 1.14 0.00	50.16 1.21 0.00	49.43 1.20 0.00	45.07 1.17 0.00	44.11 1.11 0.00	38.86 0.91 -0.06	44.59 1.02 0.00	50.43 1.14 0.00	47.46 1.07 0.00	45.30 1.11 0.00	40.37 1.00 0.00	38.05 0.82 0.00	37.89 0.75 0.00	37.28 0.66 0.00
NEWTON___FALLS_HYD 23847	48.85 -2.50 0.00	34.78 -1.65 0.00	36.95 -1.78 0.00	35.98 -1.30 0.00	34.08 -1.30 0.00	35.55 -1.75 0.00	46.39 -1.81 0.00	51.14 -1.54 0.00	54.80 -0.45 0.00	54.15 -0.28 0.00	51.37 0.20 0.00	48.73 -0.22 0.00	48.13 -0.11 0.00	43.65 -0.26 0.00	42.82 -0.19 0.00	36.92 -0.97 0.00	41.65 -1.93 0.00	45.99 -3.30 0.00	43.56 -2.83 0.00	41.35 -2.84 0.00	36.03 -3.34 0.00	33.98 -3.25 0.00	33.94 -3.20 0.00	34.80 -2.53 -0.72
NGRID_A1_DSASP 323792	48.38 -2.97 0.00	34.40 -2.02 0.00	36.68 -2.04 0.00	35.38 -1.90 0.00	33.42 -1.96 0.00	35.63 -1.66 0.00	45.02 -3.18 0.00	47.74 -4.94 0.00	50.43 -4.81 0.00	49.62 -4.82 0.00	46.27 -4.90 0.00	43.86 -5.09 0.00	42.71 -5.53 0.00	39.05 -4.86 0.00	38.23 -4.78 0.00	33.88 -4.01 0.00	38.77 -4.80 0.00	43.92 -5.36 0.00	40.55 -5.15 0.69	39.31 -4.82 0.05	35.04 -4.32 0.00	33.44 -3.79 0.00	34.00 -3.14 0.00	34.11 -2.51 0.00
NGRID_A2_DSASP 323793	48.38 -2.97 0.00	34.40 -2.02 0.00	36.68 -2.04 0.00	35.38 -1.90 0.00	33.42 -1.96 0.00	35.63 -1.66 0.00	45.02 -3.18 0.00	47.74 -4.94 0.00	50.43 -4.81 0.00	49.62 -4.82 0.00	46.27 -4.90 0.00	43.86 -5.09 0.00	42.71 -5.53 0.00	39.05 -4.86 0.00	38.23 -4.78 0.00	33.88 -4.01 0.00	38.77 -4.80 0.00	43.92 -5.36 0.00	40.55 -5.15 0.69	39.31 -4.82 0.05	35.04 -4.32 0.00	33.44 -3.79 0.00	34.00 -3.14 0.00	34.11 -2.51 0.00
NGRID_A4_DSASP 323807	48.38 -2.97 0.00	34.40 -2.02 0.00	36.68 -2.04 0.00	35.38 -1.90 0.00	33.42 -1.96 0.00	35.63 -1.66 0.00	45.02 -3.18 0.00	47.74 -4.94 0.00	50.43 -4.81 0.00	49.62 -4.82 0.00	46.27 -4.90 0.00	43.86 -5.09 0.00	42.71 -5.53 0.00	39.05 -4.86 0.00	38.23 -4.78 0.00	33.88 -4.01 0.00	38.77 -4.80 0.00	43.92 -5.36 0.00	40.55 -5.15 0.69	39.31 -4.82 0.05	35.04 -4.32 0.00	33.44 -3.79 0.00	34.00 -3.14 0.00	34.11 -2.51 0.00
NIAGARA_115E_LBMP 323715	48.50 -2.85 0.00	34.48 -1.94 0.00	36.77 -1.96 0.00	35.46 -1.82 0.00	33.51 -1.87 0.00	35.73 -1.56 0.00	45.15 -3.05 0.00	47.91 -4.76 0.00	50.64 -4.61 0.00	49.80 -4.64 0.00	46.43 -4.74 0.00	44.02 -4.93 0.00	42.85 -5.39 0.00	39.18 -4.73 0.00	38.36 -4.65 0.00	33.99 -3.90 0.00	38.90 -4.68 0.00	43.79 -5.49 0.00	40.48 -5.21 0.70	39.19 -4.95 0.05	34.93 -4.44 0.00	33.33 -3.89 0.00	33.91 -3.23 0.00	34.00 -2.61 0.00
NIAGARA_115W_LBMP 323714	48.28 -3.07 0.00	34.33 -2.10 0.00	36.60 -2.12 0.00	35.30 -1.98 0.00	33.35 -2.03 0.00	35.56 -1.74 0.00	44.92 -3.28 0.00	47.63 -5.04 0.00	50.32 -4.93 0.00	49.49 -4.95 0.00	46.16 -5.01 0.00	43.76 -5.18 0.00	42.61 -5.63 0.00	38.96 -4.95 0.00	38.14 -4.87 0.00	33.80 -4.09 0.00	38.69 -4.89 0.00	43.81 -5.47 0.00	40.45 -5.25 0.69	39.22 -4.92 0.05	34.96 -4.40 0.00	33.36 -3.87 0.00	33.93 -3.21 0.00	34.04 -2.57 0.00
NIAGARA_230_LBMP 323716	48.69 -2.66 0.00	34.60 -1.83 0.00	36.88 -1.84 0.00	35.58 -1.70 0.00	33.63 -1.75 0.00	35.83 -1.46 0.00	45.32 -2.88 0.00	48.21 -4.47 0.00	50.91 -4.34 0.00	50.07 -4.37 0.00	46.72 -4.44 0.00	44.30 -4.64 0.00	43.17 -5.07 0.00	39.45 -4.46 0.00	38.62 -4.38 0.00	34.21 -3.68 0.00	39.15 -4.43 0.00	44.31 -4.97 0.00	40.98 -4.75 0.66	39.68 -4.46 0.05	35.36 -4.01 0.00	33.73 -3.50 0.00	34.24 -2.90 0.00	34.32 -2.29 0.00
NIAGARA___115KV_198_GIBSON 55903	48.28 -3.07 0.00	34.33 -2.10 0.00	36.60 -2.12 0.00	35.30 -1.98 0.00	33.35 -2.03 0.00	35.56 -1.73 0.00	44.92 -3.28 0.00	47.63 -5.04 0.00	50.32 -4.93 0.00	49.51 -4.92 0.00	46.16 -5.01 0.00	43.76 -5.19 0.00	42.61 -5.63 0.00	38.96 -4.95 0.00	38.14 -4.86 0.00	33.80 -4.09 0.00	38.68 -4.89 0.00	43.82 -5.47 0.00	40.44 -5.26 0.69	39.21 -4.93 0.05	34.98 -4.39 0.00	33.36 -3.86 0.00	33.94 -3.20 0.00	34.02 -2.59 0.00
NIAGARA___ 23760	48.69 -2.66 0.00	34.60 -1.83 0.00	36.88 -1.84 0.00	35.58 -1.70 0.00	33.63 -1.75 0.00	35.83 -1.46 0.00	45.32 -2.88 0.00	48.21 -4.47 0.00	50.91 -4.34 0.00	50.07 -4.37 0.00	46.72 -4.44 0.00	44.30 -4.64 0.00	43.17 -5.07 0.00	39.45 -4.46 0.00	38.62 -4.38 0.00	34.21 -3.68 0.00	39.15 -4.43 0.00	44.31 -4.97 0.00	40.97 -4.75 0.67	39.68 -4.46 0.05	35.36 -4.01 0.00	33.73 -3.50 0.00	34.24 -2.90 0.00	34.32 -2.29 0.00
NINE_MILE_1 23575	49.38 -1.97 0.00	35.00 -1.43 0.00	37.24 -1.49 0.00	35.87 -1.41 0.00	34.04 -1.34 0.00	35.93 -1.36 0.00	46.33 -1.87 0.00	50.58 -2.10 0.00	53.11 -2.14 0.00	52.27 -2.17 0.00	49.05 -2.12 0.00	46.82 -2.12 0.00	46.04 -2.20 0.00	41.92 -1.99 0.00	41.03 -1.97 0.00	36.16 -1.73 0.00	41.52 -2.06 0.00	46.98 -2.30 0.00	44.26 -2.13 0.00	42.21 -1.98 0.00	37.69 -1.68 0.00	35.73 -1.50 0.00	35.65 -1.49 0.00	35.23 -1.39 0.00
NINE_MILE_2 23744	49.38 -1.97 0.00	35.00 -1.43 0.00	37.24 -1.49 0.00	35.87 -1.41 0.00	34.04 -1.34 0.00	35.93 -1.36 0.00	46.33 -1.87 0.00	50.58 -2.10 0.00	53.12 -2.13 0.00	52.27 -2.17 0.00	49.05 -2.12 0.00	46.82 -2.12 0.00	46.04 -2.20 0.00	41.92 -1.99 0.00	41.04 -1.97 0.00	36.16 -1.73 0.00	41.52 -2.06 0.00	46.99 -2.30 0.00	44.26 -2.12 0.00	42.21 -1.98 0.00	37.69 -1.68 0.00	35.73 -1.49 0.00	35.65 -1.49 0.00	35.23 -1.39 0.00
NM_CAPITAL___DRP 24208	52.76 1.40 0.00	37.45 1.03 0.00	39.80 1.08 0.00	38.25 0.97 0.00	36.27 0.89 0.00	37.90 0.61 0.00	49.03 0.83 0.00	53.70 1.03 0.00	56.52 1.27 0.00	55.68 1.24 0.00	52.41 1.24 0.00	50.25 1.31 0.00	49.54 1.31 0.00	45.18 1.28 0.00	44.22 1.21 0.00	38.93 0.98 -0.06	44.67 1.09 0.00	50.51 1.22 0.00	47.55 1.16 0.00	45.41 1.22 0.00	40.48 1.11 0.00	38.14 0.92 0.00	38.00 0.86 0.00	37.40 0.79 0.00

NM_CENTRAL___DRP 24181	50.41 -0.94 0.00	35.70 -0.73 0.00	37.98 -0.74 0.00	36.60 -0.67 0.00	34.73 -0.65 0.00	36.70 -0.59 0.00	47.34 -0.86 0.00	51.73 -0.95 0.00	54.35 -0.90 0.00	53.48 -0.96 0.00	50.15 -1.02 0.00	47.90 -1.05 0.00	47.05 -1.18 0.00	42.85 -1.06 0.00	41.96 -1.04 0.00	36.97 -0.92 0.00	42.41 -1.16 0.00	48.03 -1.26 0.00	45.25 -1.14 0.00	43.12 -1.07 0.00	38.50 -0.87 0.00	36.51 -0.72 0.00	36.41 -0.72 0.00	35.98 -0.63 0.00
NM_FRONTIER___DRP 24179	48.28 -3.07 0.00	34.33 -2.10 0.00	36.60 -2.12 0.00	35.30 -1.98 0.00	33.35 -2.03 0.00	35.56 -1.73 0.00	44.92 -3.28 0.00	47.63 -5.04 0.00	50.32 -4.93 0.00	49.51 -4.92 0.00	46.16 -5.01 0.00	43.76 -5.19 0.00	42.61 -5.63 0.00	38.96 -4.95 0.00	38.14 -4.86 0.00	33.80 -4.09 0.00	38.68 -4.89 0.00	43.82 -5.47 0.00	40.44 -5.26 0.69	39.21 -4.93 0.05	34.98 -4.39 0.00	33.36 -3.86 0.00	33.94 -3.20 0.00	34.02 -2.59 0.00
NM_ST_REGIS___HYD 24053	49.77 -1.58 0.00	35.46 -0.96 0.00	37.54 -1.19 0.00	36.41 -0.87 0.00	34.26 -1.12 0.00	35.63 -1.66 0.00	46.46 -1.74 0.00	51.27 -1.41 0.00	54.85 -0.39 0.00	54.09 -0.34 0.00	51.48 0.31 0.00	49.24 0.29 0.00	48.41 0.17 0.00	43.84 -0.06 0.00	42.95 -0.05 0.00	37.13 -0.76 0.00	42.07 -1.51 0.00	46.52 -2.77 0.00	43.69 -2.70 0.00	41.36 -2.83 0.00	36.23 -3.14 0.00	34.13 -3.10 0.00	34.30 -2.84 0.00	35.80 -2.05 -1.23
NORTHPORT___1 23551	54.06 2.72 0.00	38.12 1.69 0.00	40.20 1.48 0.00	38.58 1.30 0.00	36.51 1.13 0.00	38.77 1.48 0.00	50.39 2.19 0.00	55.19 2.51 0.00	58.42 3.17 0.00	57.72 3.28 0.00	54.71 3.54 0.00	52.82 3.88 0.00	52.08 3.85 0.00	47.80 3.90 0.00	46.86 3.85 0.00	41.68 3.53 -0.26	47.15 3.57 0.00	53.49 4.21 0.00	50.65 4.26 0.00	47.99 3.81 0.00	42.50 3.13 0.00	39.90 2.67 0.00	39.96 2.82 0.00	39.39 2.78 0.00
NORTHPORT___2 23552	54.06 2.72 0.00	38.12 1.69 0.00	40.20 1.48 0.00	38.58 1.30 0.00	36.51 1.13 0.00	38.77 1.48 0.00	50.39 2.19 0.00	55.19 2.51 0.00	58.42 3.17 0.00	57.72 3.28 0.00	54.71 3.54 0.00	52.82 3.88 0.00	52.08 3.85 0.00	47.80 3.90 0.00	46.86 3.85 0.00	41.68 3.53 -0.26	47.15 3.57 0.00	53.49 4.21 0.00	50.65 4.26 0.00	47.99 3.81 0.00	42.50 3.13 0.00	39.90 2.67 0.00	39.96 2.82 0.00	39.39 2.78 0.00
NORTHPORT___3 23553	53.96 2.61 0.00	38.04 1.61 0.00	40.14 1.42 0.00	38.47 1.20 0.00	36.44 1.07 0.00	38.69 1.39 0.00	50.38 2.18 0.00	55.24 2.56 0.00	58.43 3.18 0.00	57.68 3.25 0.00	54.60 3.43 0.00	52.73 3.78 0.00	52.03 3.79 0.00	47.72 3.81 0.00	46.74 3.74 0.00	41.59 3.44 -0.26	47.16 3.58 0.00	53.44 4.16 0.00	50.57 4.18 0.00	47.91 3.72 0.00	42.42 3.06 0.00	39.83 2.60 0.00	39.84 2.69 0.00	39.26 2.64 0.00
NORTHPORT___4 23650	53.96 2.61 0.00	38.04 1.61 0.00	40.14 1.42 0.00	38.47 1.20 0.00	36.44 1.07 0.00	38.69 1.39 0.00	50.38 2.18 0.00	55.24 2.56 0.00	58.43 3.18 0.00	57.68 3.25 0.00	54.60 3.43 0.00	52.73 3.78 0.00	52.03 3.79 0.00	47.72 3.81 0.00	46.74 3.74 0.00	41.59 3.44 -0.26	47.16 3.58 0.00	53.44 4.16 0.00	50.57 4.18 0.00	47.91 3.72 0.00	42.42 3.06 0.00	39.83 2.60 0.00	39.84 2.69 0.00	39.26 2.64 0.00
NORTHPORT___IC 23718	54.06 2.72 0.00	38.12 1.70 0.00	40.20 1.48 0.00	38.58 1.30 0.00	36.51 1.13 0.00	38.77 1.48 0.00	50.38 2.18 0.00	55.19 2.51 0.00	58.42 3.17 0.00	57.72 3.29 0.00	54.71 3.54 0.00	52.82 3.87 0.00	52.09 3.85 0.00	47.81 3.90 0.00	46.86 3.85 0.00	41.68 3.53 -0.26	47.15 3.57 0.00	53.49 4.21 0.00	50.65 4.26 0.00	47.99 3.81 0.00	42.50 3.13 0.00	39.90 2.67 0.00	39.96 2.82 0.00	39.39 2.78 0.00
NORTH___COUNTRY_ESR 323785	50.24 -1.11 0.00	35.68 -0.75 0.00	37.66 -1.06 0.00	36.39 -0.89 0.00	34.71 -0.67 0.00	36.88 -0.41 0.00	48.22 0.02 0.00	52.79 0.12 0.00	55.29 0.05 0.00	54.62 0.19 0.00	51.64 0.47 0.00	49.61 0.67 0.00	49.13 0.89 0.00	44.49 0.58 0.00	43.60 0.59 0.00	38.43 0.54 0.00	44.34 0.76 0.00	49.28 0.00 0.00	45.88 -0.51 0.00	43.37 -0.82 0.00	38.45 -0.92 0.00	36.27 -0.96 0.00	36.13 -1.01 0.00	37.52 -1.30 -2.20
NPX_GEN_1385_PROXY 323591	54.37 3.02 0.00	38.32 1.90 0.00	40.35 1.63 0.00	38.80 1.52 0.00	36.64 1.26 0.00	38.87 1.57 0.00	50.49 2.29 0.00	56.95 2.82 -1.45	58.79 3.54 0.00	58.26 3.82 0.00	55.30 4.13 0.00	52.80 3.86 0.00	51.72 3.48 0.00	47.25 3.34 0.00	46.50 3.50 0.00	41.68 3.53 -0.26	47.25 3.67 0.00	53.84 4.55 0.00	51.18 4.79 0.00	47.97 3.78 0.00	42.48 3.11 0.00	39.80 2.57 0.00	39.96 2.82 0.00	39.65 3.03 0.00
NPX_GEN_CSC 323557	54.18 2.83 0.00	38.11 1.69 0.00	40.18 1.46 0.00	38.51 1.23 0.00	36.50 1.12 0.00	38.86 1.57 0.00	50.70 2.50 0.00	57.02 2.89 -1.45	58.87 3.63 0.00	58.20 3.76 0.00	55.14 3.97 0.00	53.60 4.65 0.00	52.96 4.72 0.00	48.65 4.74 0.00	47.35 4.34 0.00	42.48 4.33 -0.26	48.26 4.68 0.00	54.70 5.42 0.00	51.80 5.40 0.00	48.96 4.78 0.00	43.12 3.75 0.00	40.32 3.09 0.00	40.24 3.10 0.00	39.58 2.97 0.00
NSINS_S___GLNS_FALLS 23858	55.63 4.27 0.00	39.34 2.91 0.00	41.75 3.02 0.00	40.17 2.89 0.00	38.11 2.73 0.00	40.15 2.86 0.00	51.77 3.57 0.00	56.98 4.31 0.00	60.08 4.84 0.00	59.16 4.73 0.00	55.58 4.41 0.00	53.26 4.31 0.00	52.48 4.24 0.00	47.85 3.95 0.00	46.83 3.82 0.00	41.23 3.28 -0.06	47.47 3.89 0.00	53.68 4.40 0.00	50.50 4.11 0.00	48.23 4.04 0.00	42.87 3.50 0.00	40.47 3.25 0.00	40.16 3.03 0.00	39.33 2.72 0.00
NUCOR_STEEL___DRP 24197	51.26 -0.09 0.00	36.26 -0.16 0.00	38.60 -0.13 0.00	37.20 -0.08 0.00	35.17 -0.22 0.00	37.18 -0.12 0.00	47.91 -0.30 0.00	52.26 -0.42 0.00	54.89 -0.36 0.00	53.98 -0.46 0.00	50.56 -0.61 0.00	48.31 -0.64 0.00	47.39 -0.84 0.00	43.19 -0.72 0.00	42.28 -0.72 0.00	37.30 -0.58 0.00	42.80 -0.78 0.00	48.53 -0.75 0.00	45.76 -0.63 0.00	43.79 -0.39 0.00	39.10 -0.27 0.00	37.09 -0.13 0.00	37.00 -0.14 0.00	36.56 -0.05 0.00
NUMBER_THREE_WT_PWR 323818	48.79 -2.56 0.00	34.70 -1.73 0.00	36.98 -1.75 0.00	36.12 -1.15 0.00	34.61 -0.78 0.00	36.55 -0.75 0.00	47.83 -0.37 0.00	52.60 -0.07 0.00	56.13 0.88 0.00	55.59 1.15 0.00	52.39 1.22 0.00	49.40 0.45 0.00	49.05 0.82 0.00	44.69 0.78 0.00	43.91 0.91 0.00	38.02 0.13 -0.54	43.04 0.00 0.00	47.49 -1.79 0.00	45.27 -1.11 0.00	43.05 -1.13 0.00	37.38 -1.99 0.00	35.27 -1.95 0.00	34.89 -2.25 0.00	34.51 -2.10 0.00
NYISO_LBMP_REFERENCE 24008	51.35 0.00 0.00	36.43 0.00 0.00	38.72 0.00 0.00	37.28 0.00 0.00	35.38 0.00 0.00	37.29 0.00 0.00	48.20 0.00 0.00	52.68 0.00 0.00	55.25 0.00 0.00	54.44 0.00 0.00	51.17 0.00 0.00	48.94 0.00 0.00	48.23 0.00 0.00	43.91 0.00 0.00	43.00 0.00 0.00	37.89 0.00 0.00	43.58 0.00 0.00	49.28 0.00 0.00	46.39 0.00 0.00	44.19 0.00 0.00	39.37 0.00 0.00	37.23 0.00 0.00	37.14 0.00 0.00	36.61 0.00 0.00

NYPA_BRENTWD____GT 24164	54.51	38.40	40.51	38.86	36.80	39.12	50.95	55.88	59.17	58.45	55.37	53.49	52.72	48.37	47.40	42.21	47.82	54.17	51.38	48.65	43.02	40.36	40.37	39.76
	3.16	1.98	1.79	1.58	1.42	1.83	2.74	3.20	3.92	4.01	4.20	4.54	4.48	4.47	4.39	4.06	4.25	4.88	4.99	4.47	3.65	3.13	3.23	3.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_GOWANUS____GT5 24156	54.13	38.27	40.45	38.73	36.73	38.88	50.68	55.76	58.88	57.94	54.59	52.68	52.03	47.49	46.54	41.26	46.96	53.20	50.23	47.73	42.29	39.84	39.72	39.17
	2.78	1.85	1.73	1.45	1.35	1.59	2.48	3.08	3.64	3.50	3.42	3.74	3.79	3.58	3.53	3.12	3.39	3.91	3.84	3.54	2.92	2.61	2.58	2.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_GOWANUS____GT6 24157	54.13	38.27	40.45	38.73	36.73	38.88	50.68	55.76	58.88	57.94	54.59	52.68	52.03	47.49	46.54	41.26	46.96	53.20	50.23	47.73	42.29	39.84	39.72	39.17
	2.78	1.85	1.73	1.45	1.35	1.59	2.48	3.08	3.64	3.50	3.42	3.74	3.79	3.58	3.53	3.12	3.39	3.91	3.84	3.54	2.92	2.61	2.58	2.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_HARLEM__RVR__GT1 24160	53.84	38.13	40.32	38.57	36.54	38.76	50.52	55.65	58.81	57.88	54.49	52.61	51.95	47.47	46.47	41.26	46.90	53.06	50.15	47.56	42.10	39.73	39.62	39.12
	2.49	1.71	1.60	1.29	1.16	1.47	2.32	2.98	3.56	3.44	3.32	3.67	3.71	3.56	3.46	3.11	3.32	3.78	3.76	3.37	2.73	2.50	2.48	2.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_HARLEM__RVR__GT2 24161	53.84	38.13	40.32	38.57	36.54	38.76	50.52	55.65	58.81	57.88	54.49	52.61	51.95	47.47	46.47	41.26	46.90	53.06	50.15	47.56	42.10	39.73	39.62	39.12
	2.49	1.71	1.60	1.29	1.16	1.47	2.32	2.98	3.56	3.44	3.32	3.67	3.71	3.56	3.46	3.11	3.32	3.78	3.76	3.37	2.73	2.50	2.48	2.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_KENT____GT 24152	54.03	38.19	40.37	38.66	36.66	38.83	50.62	55.69	58.85	57.91	54.55	52.63	51.96	47.44	46.47	41.23	46.93	53.15	50.18	47.69	42.27	39.81	39.68	39.15
	2.68	1.77	1.65	1.38	1.28	1.54	2.43	3.02	3.60	3.47	3.39	3.68	3.72	3.53	3.46	3.08	3.35	3.86	3.78	3.50	2.90	2.59	2.54	2.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_POUCH1____GT 24155	54.10	38.27	40.45	38.74	36.74	38.87	50.65	55.70	58.80	57.84	54.53	52.63	51.98	47.44	46.49	41.20	46.89	53.12	50.16	47.68	42.25	39.80	39.69	39.14
	2.75	1.85	1.73	1.46	1.36	1.57	2.46	3.03	3.55	3.41	3.36	3.69	3.74	3.54	3.49	3.05	3.31	3.84	3.77	3.49	2.88	2.58	2.55	2.52
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_VERNON____GT2 24162	53.90	38.11	40.28	38.57	36.57	38.77	50.56	55.67	58.85	57.90	54.55	52.60	51.92	47.40	46.44	41.21	46.89	53.13	50.14	47.61	42.22	39.76	39.63	39.11
	2.55	1.68	1.56	1.29	1.19	1.48	2.36	2.99	3.60	3.47	3.38	3.65	3.69	3.49	3.43	3.06	3.31	3.84	3.75	3.43	2.85	2.53	2.49	2.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_VERNON____GT3 24163	53.90	38.11	40.28	38.57	36.57	38.77	50.56	55.67	58.85	57.90	54.55	52.60	51.92	47.40	46.44	41.21	46.89	53.13	50.14	47.61	42.22	39.76	39.63	39.11
	2.55	1.68	1.56	1.29	1.19	1.48	2.36	2.99	3.60	3.47	3.38	3.65	3.69	3.49	3.43	3.06	3.31	3.84	3.75	3.43	2.85	2.53	2.49	2.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA__ASTORIA_CC1 323568	53.79	38.04	40.21	38.49	36.51	38.69	50.47	55.56	58.74	57.79	54.41	52.48	51.80	47.30	46.33	41.12	46.80	53.01	50.04	47.53	42.14	39.69	39.57	39.04
	2.43	1.61	1.48	1.21	1.13	1.40	2.27	2.89	3.49	3.35	3.25	3.54	3.57	3.39	3.33	2.97	3.23	3.73	3.65	3.34	2.77	2.47	2.43	2.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA__ASTORIA_CC2 323569	53.79	38.04	40.20	38.49	36.51	38.69	50.47	55.56	58.74	57.79	54.41	52.48	51.80	47.30	46.33	41.12	46.80	53.01	50.04	47.53	42.14	39.69	39.57	39.05
	2.43	1.61	1.48	1.21	1.13	1.40	2.27	2.89	3.49	3.35	3.24	3.53	3.57	3.39	3.32	2.97	3.22	3.72	3.65	3.34	2.77	2.47	2.43	2.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA__HOLTSVILL 23794	54.04	38.06	40.14	38.49	36.47	38.76	50.49	55.34	58.58	57.88	54.83	53.06	52.34	48.05	47.02	41.94	47.57	53.91	51.03	48.32	42.69	40.03	40.08	39.48
	2.69	1.63	1.42	1.22	1.09	1.47	2.29	2.66	3.33	3.45	3.66	4.11	4.11	4.14	4.02	3.80	3.99	4.62	4.64	4.13	3.32	2.81	2.94	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	-0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____HELLGATE_GT1 24158	53.84	38.13	40.32	38.57	36.54	38.76	50.56	55.69	58.86	57.92	54.53	52.65	52.00	47.51	46.50	41.26	46.90	53.06	50.15	47.56	42.10	39.73	39.62	39.12
	2.49	1.71	1.60	1.29	1.16	1.46	2.36	3.02	3.61	3.48	3.36	3.70	3.76	3.60	3.50	3.11	3.32	3.78	3.76	3.37	2.73	2.50	2.48	2.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____HELLGATE_GT2 24159	53.84	38.13	40.32	38.57	36.54	38.76	50.56	55.69	58.86	57.92	54.53	52.65	52.00	47.51	46.50	41.26	46.90	53.06	50.15	47.56	42.10	39.73	39.62	39.12
	2.49	1.71	1.60	1.29	1.16	1.46	2.36	3.02	3.61	3.48	3.36	3.70	3.76	3.60	3.50	3.11	3.32	3.78	3.76	3.37	2.73	2.50	2.48	2.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYS_BARGE__HYD 23848	49.58	35.23	37.56	36.22	34.25	36.52	46.28	49.31	52.12	51.24	47.76	45.32	44.11	40.34	39.49	34.98	40.02	45.24	41.89	40.48	36.04	34.37	34.84	34.88
	-1.78	-1.20	-1.16	-1.05	-1.13	-0.78	-1.93	-3.37	-3.13	-3.20	-3.40	-3.63	-4.12	-3.57	-3.51	-2.91	-3.56	-4.05	-3.87	-3.66	-3.32	-2.86	-2.30	-1.73
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.62	0.05	0.00	0.00	0.00	0.00

OAK ORCHARD___HYD 24046	49.80 -1.55 0.00	35.33 -1.09 0.00	37.61 -1.11 0.00	36.25 -1.03 0.00	34.36 -1.02 0.00	36.50 -0.79 0.00	46.74 -1.46 0.00	50.46 -2.22 0.00	53.19 -2.05 0.00	52.29 -2.14 0.00	48.95 -2.22 0.00	46.57 -2.38 0.00	45.60 -2.64 0.00	41.61 -2.30 0.00	40.74 -2.26 0.00	36.04 -1.85 0.00	41.35 -2.22 0.00	46.87 -2.41 0.00	44.08 -2.31 0.00	42.01 -2.18 0.00	37.42 -1.95 0.00	35.52 -1.70 0.00	35.68 -1.46 0.00	35.46 -1.15 0.00
OAKDALE___35_KV_LOAD 356122	51.24 -0.11 0.00	36.15 -0.27 0.00	38.59 -0.13 0.00	37.26 -0.02 0.00	35.32 -0.06 0.00	37.35 0.05 0.00	48.06 -0.14 0.00	52.60 -0.08 0.00	55.20 -0.05 0.00	54.38 -0.05 0.00	51.03 -0.14 0.00	48.83 -0.12 0.00	47.92 -0.31 0.00	43.65 -0.26 0.00	42.76 -0.24 0.00	37.63 -0.22 0.03	43.04 -0.53 0.00	48.95 -0.34 0.00	46.25 -0.24 -0.11	43.89 -0.31 -0.01	39.06 -0.31 0.00	36.94 -0.29 0.00	36.87 -0.27 0.00	36.46 -0.15 0.00
OCC_CHEM___DRP 24175	48.38 -2.97 0.00	34.40 -2.02 0.00	36.68 -2.04 0.00	35.38 -1.90 0.00	33.42 -1.96 0.00	35.64 -1.66 0.00	45.01 -3.19 0.00	47.74 -4.94 0.00	50.43 -4.81 0.00	49.63 -4.81 0.00	46.27 -4.90 0.00	43.86 -5.09 0.00	42.71 -5.53 0.00	39.05 -4.86 0.00	38.23 -4.77 0.00	33.88 -4.01 0.00	38.77 -4.80 0.00	43.92 -5.36 0.00	40.54 -5.16 0.69	39.30 -4.83 0.05	35.06 -4.31 0.00	33.44 -3.79 0.00	34.01 -3.13 0.00	34.09 -2.52 0.00
OH_GEN_PROXY 24063	48.73 -2.62 0.00	34.62 -1.81 0.00	36.91 -1.81 0.00	35.61 -1.67 0.00	33.67 -1.71 0.00	35.86 -1.43 0.00	45.39 -2.81 0.00	49.82 -4.30 -1.45	51.07 -4.18 0.00	50.23 -4.21 0.00	46.88 -4.29 0.00	44.46 -4.48 0.00	43.35 -4.89 0.00	39.60 -4.31 0.00	38.77 -4.24 0.00	34.34 -3.55 0.00	39.30 -4.28 0.00	44.50 -4.78 0.00	41.22 -4.57 0.60	39.85 -4.30 0.05	35.50 -3.87 0.00	33.84 -3.39 0.00	34.32 -2.82 0.00	34.37 -2.24 0.00
OLIN_CORP_DRP 24177	48.57 -2.78 0.00	34.53 -1.89 0.00	36.83 -1.90 0.00	35.52 -1.76 0.00	33.56 -1.82 0.00	35.78 -1.52 0.00	45.23 -2.97 0.00	48.00 -4.68 0.00	50.74 -4.51 0.00	49.90 -4.54 0.00	46.52 -4.65 0.00	44.10 -4.85 0.00	42.93 -5.30 0.00	39.26 -4.65 0.00	38.43 -4.57 0.00	34.05 -3.84 0.00	38.97 -4.61 0.00	43.91 -5.37 0.00	40.57 -5.12 0.71	39.29 -4.84 0.05	35.03 -4.33 0.00	33.43 -3.80 0.00	33.99 -3.15 0.00	34.06 -2.55 0.00
OLIN_CORP_DSASP 323712	48.38 -2.97 0.00	34.40 -2.02 0.00	36.68 -2.04 0.00	35.38 -1.90 0.00	33.42 -1.96 0.00	35.63 -1.66 0.00	45.02 -3.18 0.00	47.74 -4.94 0.00	50.43 -4.81 0.00	49.62 -4.82 0.00	46.27 -4.90 0.00	43.86 -5.09 0.00	42.71 -5.53 0.00	39.05 -4.86 0.00	38.23 -4.78 0.00	33.88 -4.01 0.00	38.77 -4.80 0.00	43.92 -5.36 0.00	40.55 -5.15 0.69	39.31 -4.82 0.05	35.04 -4.32 0.00	33.44 -3.79 0.00	34.00 -3.14 0.00	34.11 -2.51 0.00
ONEIDA_HERK_LFGE 323681	51.00 -0.35 0.00	36.21 -0.22 0.00	38.53 -0.19 0.00	37.32 0.04 0.00	35.57 0.19 0.00	37.57 0.28 0.00	48.88 0.68 0.00	53.63 0.96 0.00	56.71 1.46 0.00	56.00 1.57 0.00	52.68 1.51 0.00	50.09 1.14 0.00	49.49 1.26 0.00	45.09 1.18 0.00	44.23 1.23 0.00	38.67 0.78 0.00	44.16 0.59 0.00	49.50 0.21 0.00	46.85 0.47 0.00	44.56 0.37 0.00	39.29 -0.08 0.00	37.10 -0.13 0.00	36.83 -0.31 0.00	36.32 -0.29 0.00
ONEIDA___115KV_TB4 55905	52.07 0.72 0.00	36.95 0.52 0.00	39.34 0.62 0.00	37.96 0.68 0.00	36.13 0.75 0.00	38.21 0.92 0.00	49.51 1.31 0.00	54.28 1.60 0.00	57.15 1.90 0.00	56.38 1.95 0.00	52.93 1.77 0.00	50.55 1.60 0.00	49.77 1.54 0.00	45.36 1.45 0.00	44.45 1.44 0.00	39.03 1.14 0.00	44.67 1.09 0.00	50.37 1.08 0.00	47.57 1.18 0.00	45.17 0.98 0.00	40.12 0.75 0.00	37.91 0.69 0.00	37.71 0.57 0.00	37.15 0.53 0.00
ONONDAGA_REF_OCCRA 23987	50.79 -0.56 0.00	35.94 -0.48 0.00	38.25 -0.47 0.00	36.86 -0.41 0.00	34.98 -0.40 0.00	36.97 -0.32 0.00	47.69 -0.51 0.00	52.13 -0.54 0.00	54.77 -0.48 0.00	53.90 -0.54 0.00	50.55 -0.62 0.00	48.29 -0.65 0.00	47.43 -0.81 0.00	43.20 -0.71 0.00	42.31 -0.70 0.00	37.27 -0.62 0.00	42.77 -0.81 0.00	48.46 -0.82 0.00	45.66 -0.73 0.00	43.51 -0.68 0.00	38.83 -0.53 0.00	36.81 -0.42 0.00	36.70 -0.44 0.00	36.25 -0.36 0.00
ONONDAGA___COGEN 23986	50.76 -0.60 0.00	35.92 -0.50 0.00	38.24 -0.49 0.00	36.84 -0.44 0.00	34.94 -0.44 0.00	36.92 -0.37 0.00	47.62 -0.58 0.00	52.01 -0.67 0.00	54.62 -0.63 0.00	53.73 -0.70 0.00	50.37 -0.80 0.00	48.09 -0.86 0.00	47.23 -1.01 0.00	43.01 -0.90 0.00	42.11 -0.89 0.00	37.11 -0.78 0.00	42.59 -0.99 0.00	48.26 -1.03 0.00	45.47 -0.91 0.00	43.38 -0.81 0.00	38.77 -0.60 0.00	36.79 -0.44 0.00	36.68 -0.46 0.00	36.22 -0.39 0.00
ONTARIO___LFGE 23819	50.69 -0.66 0.00	35.94 -0.49 0.00	38.46 -0.27 0.00	37.19 -0.09 0.00	35.23 -0.15 0.00	37.40 0.11 0.00	48.02 -0.18 0.00	52.23 -0.44 0.00	54.82 -0.43 0.00	53.93 -0.51 0.00	50.52 -0.65 0.00	48.25 -0.70 0.00	47.18 -1.06 0.00	42.97 -0.93 0.00	42.06 -0.95 0.00	37.25 -0.64 0.00	42.37 -1.21 0.00	48.15 -1.14 0.00	45.73 -1.09 -0.44	43.14 -1.08 -0.04	38.49 -0.88 0.00	36.50 -0.73 0.00	36.44 -0.71 0.00	36.10 -0.51 0.00
ORANGEVILLE_WT_PWR 323706	49.71 -1.64 0.00	35.40 -1.02 0.00	38.00 -0.72 0.00	36.77 -0.51 0.00	34.79 -0.59 0.00	36.99 -0.30 0.00	47.03 -1.17 0.00	50.52 -2.16 0.00	53.14 -2.11 0.00	52.11 -2.33 0.00	48.53 -2.64 0.00	46.23 -2.71 0.00	44.66 -3.58 0.00	40.85 -3.06 0.00	39.95 -3.05 0.00	35.11 -2.78 0.00	39.83 -3.75 0.00	45.08 -4.20 0.01	39.64 -4.08 2.67	39.93 -4.05 0.21	35.79 -3.58 0.00	34.29 -2.94 0.00	34.48 -2.66 0.00	34.44 -2.17 0.00
ORANGEVILLE___ESR 323794	49.71 -1.64 0.00	35.40 -1.02 0.00	38.00 -0.72 0.00	36.77 -0.51 0.00	34.79 -0.59 0.00	36.99 -0.30 0.00	47.03 -1.17 0.00	50.52 -2.16 0.00	53.14 -2.11 0.00	52.11 -2.33 0.00	48.53 -2.64 0.00	46.23 -2.71 0.00	44.66 -3.58 0.00	40.85 -3.06 0.00	39.95 -3.05 0.00	35.11 -2.78 0.00	39.83 -3.75 0.00	45.08 -4.20 0.01	39.64 -4.08 2.67	39.93 -4.05 0.21	35.79 -3.58 0.00	34.29 -2.94 0.00	34.48 -2.66 0.00	34.44 -2.17 0.00
OSWEGATCHIE___HYD 24044	48.85 -2.50 0.00	34.78 -1.65 0.00	36.95 -1.78 0.00	35.98 -1.30 0.00	34.08 -1.30 0.00	35.55 -1.75 0.00	46.39 -1.81 0.00	51.14 -1.54 0.00	54.80 -0.45 0.00	54.15 -0.28 0.00	51.37 0.20 0.00	48.73 -0.22 0.00	48.13 -0.11 0.00	43.65 -0.26 0.00	42.82 -0.19 0.00	36.92 -0.97 0.00	41.65 -1.93 0.00	45.99 -3.30 0.00	43.57 -2.82 0.00	41.35 -2.84 0.00	36.03 -3.33 0.00	33.98 -3.25 0.00	33.94 -3.20 0.00	34.80 -2.54 -0.72
OSWEGO___5 23606	49.87 -1.48 0.00	35.33 -1.10 0.00	37.59 -1.13 0.00	36.22 -1.05 0.00	34.37 -1.01 0.00	36.28 -1.01 0.00	46.76 -1.44 0.00	51.03 -1.65 0.00	53.58 -1.67 0.00	52.68 -1.76 0.00	49.36 -1.81 0.00	47.06 -1.88 0.00	46.23 -2.01 0.00	42.06 -1.85 0.00	41.16 -1.84 0.00	36.28 -1.60 0.00	41.64 -1.94 0.00	47.14 -2.15 0.00	44.43 -1.96 0.00	42.38 -1.80 0.00	37.97 -1.40 0.00	36.07 -1.15 0.00	35.99 -1.15 0.00	35.57 -1.05 0.00

OSWEGO___6 23613	49.87 -1.48 0.00	35.33 -1.10 0.00	37.59 -1.13 0.00	36.22 -1.05 0.00	34.37 -1.01 0.00	36.28 -1.01 0.00	46.76 -1.44 0.00	51.03 -1.65 0.00	53.58 -1.67 0.00	52.68 -1.76 0.00	49.36 -1.81 0.00	47.06 -1.88 0.00	46.23 -2.01 0.00	42.06 -1.85 0.00	41.16 -1.84 0.00	36.28 -1.60 0.00	41.64 -1.94 0.00	47.14 -2.15 0.00	44.43 -1.96 0.00	42.38 -1.80 0.00	37.97 -1.40 0.00	36.07 -1.15 0.00	35.99 -1.15 0.00	35.57 -1.05 0.00
OUTOKUMPU-AB___DRP 24206	49.85 -1.50 0.00	35.42 -1.00 0.00	37.77 -0.96 0.00	36.43 -0.85 0.00	34.45 -0.93 0.00	36.71 -0.58 0.00	46.49 -1.71 0.00	49.56 -3.12 0.00	52.37 -2.88 0.00	51.52 -2.92 0.00	48.04 -3.13 0.00	45.55 -3.40 0.00	44.34 -3.90 0.00	40.53 -3.37 0.00	39.69 -3.31 0.00	35.15 -2.75 0.00	40.18 -3.39 0.00	45.52 -3.76 0.00	42.01 -3.65 0.73	40.70 -3.43 0.05	36.26 -3.10 0.00	34.56 -2.67 0.00	35.05 -2.09 0.00	35.07 -1.55 0.00
OXBOW___BTM 323836	49.21 -2.14 0.00	34.98 -1.45 0.00	37.29 -1.43 0.00	35.97 -1.30 0.00	33.99 -1.39 0.00	36.25 -1.05 0.00	45.86 -2.34 0.00	48.77 -3.91 0.00	51.52 -3.73 0.00	50.68 -3.75 0.00	47.28 -3.89 0.00	44.83 -4.12 0.00	43.62 -4.61 0.00	39.89 -4.02 0.00	39.05 -3.95 0.00	34.60 -3.29 0.00	39.58 -3.99 0.00	44.85 -4.44 0.00	41.40 -4.28 0.71	40.12 -4.01 0.05	35.75 -3.62 0.00	34.08 -3.15 0.00	34.61 -2.53 0.00	34.67 -1.94 0.00
OXBOW____ 24026	49.21 -2.14 0.00	34.98 -1.45 0.00	37.30 -1.43 0.00	35.97 -1.30 0.00	33.99 -1.39 0.00	36.25 -1.04 0.00	45.86 -2.34 0.00	48.76 -3.91 0.00	51.52 -3.73 0.00	50.70 -3.74 0.00	47.28 -3.89 0.00	44.82 -4.12 0.00	43.63 -4.61 0.00	39.89 -4.02 0.00	39.06 -3.94 0.00	34.60 -3.29 0.00	39.57 -4.00 0.00	44.84 -4.44 0.00	41.39 -4.29 0.71	40.11 -4.02 0.05	35.76 -3.61 0.00	34.08 -3.14 0.00	34.61 -2.52 0.00	34.65 -1.96 0.00
OXY_CHEM_DSASP 323612	48.38 -2.97 0.00	34.40 -2.02 0.00	36.68 -2.04 0.00	35.38 -1.90 0.00	33.42 -1.96 0.00	35.64 -1.66 0.00	45.01 -3.19 0.00	47.74 -4.94 0.00	50.43 -4.81 0.00	49.63 -4.81 0.00	46.27 -4.90 0.00	43.86 -5.09 0.00	42.71 -5.53 0.00	39.05 -4.86 0.00	38.23 -4.77 0.00	33.88 -4.01 0.00	38.77 -4.80 0.00	43.92 -5.36 0.00	40.54 -5.16 0.69	39.30 -4.83 0.05	35.06 -4.31 0.00	33.44 -3.79 0.00	34.01 -3.13 0.00	34.09 -2.52 0.00
OZONE_PARK_ESR 323760	54.33 2.98 0.00	38.39 1.96 0.00	40.58 1.86 0.00	38.84 1.56 0.00	36.82 1.44 0.00	39.06 1.76 0.00	50.98 2.78 0.00	56.14 3.47 0.00	59.35 4.10 0.00	58.43 3.99 0.00	55.07 3.90 0.00	53.08 4.13 0.00	52.41 4.17 0.00	47.83 3.93 0.00	46.87 3.87 0.00	41.60 3.45 -0.26	47.37 3.79 0.00	53.66 4.38 0.00	50.62 4.23 0.00	48.04 3.85 0.00	42.59 3.22 0.00	40.10 2.87 0.00	39.97 2.83 0.00	39.39 2.78 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	48.38 -2.97 0.00	34.40 -2.02 0.00	36.68 -2.04 0.00	35.38 -1.90 0.00	33.42 -1.96 0.00	35.64 -1.66 0.00	45.01 -3.19 0.00	47.74 -4.94 0.00	50.43 -4.81 0.00	49.63 -4.81 0.00	46.27 -4.90 0.00	43.86 -5.09 0.00	42.71 -5.53 0.00	39.05 -4.86 0.00	38.23 -4.77 0.00	33.88 -4.01 0.00	38.77 -4.80 0.00	43.92 -5.36 0.00	40.54 -5.16 0.69	39.30 -4.83 0.05	35.06 -4.31 0.00	33.44 -3.79 0.00	34.01 -3.13 0.00	34.09 -2.52 0.00
PACKARD__115KV_DUPONT_184 80571	48.38 -2.97 0.00	34.40 -2.02 0.00	36.68 -2.04 0.00	35.38 -1.90 0.00	33.42 -1.96 0.00	35.64 -1.66 0.00	45.01 -3.19 0.00	47.74 -4.94 0.00	50.43 -4.81 0.00	49.63 -4.81 0.00	46.27 -4.90 0.00	43.86 -5.09 0.00	42.71 -5.53 0.00	39.05 -4.86 0.00	38.23 -4.77 0.00	33.88 -4.01 0.00	38.77 -4.80 0.00	43.92 -5.36 0.00	40.54 -5.16 0.69	39.30 -4.83 0.05	35.06 -4.31 0.00	33.44 -3.79 0.00	34.01 -3.13 0.00	34.09 -2.52 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	53.86 2.51 0.00	38.13 1.71 0.00	40.31 1.59 0.00	38.58 1.31 0.00	36.59 1.21 0.00	38.79 1.50 0.00	50.57 2.36 0.00	55.68 3.00 0.00	58.84 3.60 0.00	57.90 3.46 0.00	54.54 3.37 0.00	52.64 3.69 0.00	51.97 3.74 0.00	47.47 3.57 0.00	46.48 3.48 0.00	41.24 3.09 -0.26	46.89 3.31 0.00	53.08 3.79 0.00	50.14 3.75 0.00	47.57 3.38 0.00	42.12 2.76 0.00	39.73 2.50 0.00	39.62 2.47 0.00	39.10 2.49 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	54.07 2.72 0.00	38.28 1.86 0.00	40.49 1.77 0.00	38.75 1.47 0.00	36.68 1.30 0.00	38.99 1.70 0.00	50.88 2.68 0.00	55.97 3.29 0.00	59.07 3.82 0.00	58.11 3.68 0.00	54.73 3.56 0.00	52.87 3.93 0.00	52.12 3.89 0.00	47.59 3.69 0.00	46.57 3.56 0.00	41.34 3.19 -0.26	47.02 3.44 0.00	53.25 3.97 0.00	50.36 3.97 0.00	47.71 3.52 0.00	42.26 2.89 0.00	39.86 2.64 0.00	39.75 2.61 0.00	39.23 2.62 0.00
PATROON__115KV_TB1 80586	52.82 1.47 0.00	37.48 1.06 0.00	39.83 1.11 0.00	38.28 1.00 0.00	36.30 0.92 0.00	37.93 0.63 0.00	49.09 0.89 0.00	53.79 1.12 0.00	56.60 1.36 0.00	55.76 1.32 0.00	52.50 1.33 0.00	50.32 1.38 0.00	49.59 1.36 0.00	45.23 1.32 0.00	44.27 1.26 0.00	38.98 1.04 -0.06	44.74 1.17 0.00	50.60 1.31 0.00	47.63 1.24 0.00	45.45 1.26 0.00	40.49 1.12 0.00	38.17 0.94 0.00	38.01 0.87 0.00	37.39 0.78 0.00
PATTRSNVILLE__SOLAR 323815	53.04 1.69 0.00	37.60 1.17 0.00	39.97 1.25 0.00	38.46 1.18 0.00	36.53 1.15 0.00	38.52 1.22 0.00	49.84 1.64 0.00	54.61 1.93 0.00	57.40 2.15 0.00	56.55 2.11 0.00	53.16 1.99 0.00	50.88 1.93 0.00	50.14 1.90 0.00	45.72 1.81 0.00	44.78 1.77 0.00	39.45 1.51 -0.05	45.25 1.68 0.00	51.21 1.93 0.00	48.22 1.83 0.00	45.96 1.77 0.00	40.90 1.53 0.00	38.59 1.36 0.00	38.43 1.29 0.00	37.85 1.23 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	51.54 0.19 0.00	36.55 0.12 0.00	39.01 0.28 0.00	37.67 0.39 0.00	35.65 0.27 0.00	37.97 0.67 0.00	48.16 -0.04 0.00	51.72 -0.95 0.00	54.57 -0.67 0.00	53.64 -0.80 0.00	50.01 -1.16 0.00	47.50 -1.45 0.00	46.36 -1.87 0.00	42.31 -1.59 0.00	41.45 -1.55 0.00	36.63 -1.26 0.00	41.85 -1.72 0.00	47.44 -1.85 0.00	43.82 -1.80 0.77	42.37 -1.76 0.06	37.76 -1.61 0.00	36.00 -1.22 0.00	36.39 -0.74 0.00	36.31 -0.30 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	54.15 2.80 0.00	38.26 1.84 0.00	40.49 1.77 0.00	38.82 1.54 0.00	36.87 1.49 0.00	39.03 1.74 0.00	50.88 2.68 0.00	56.02 3.34 0.00	59.14 3.89 0.00	58.23 3.79 0.00	54.86 3.69 0.00	52.79 3.85 0.00	52.06 3.83 0.00	47.50 3.60 0.00	46.52 3.51 0.00	41.12 3.12 -0.12	47.07 3.49 0.00	53.34 4.06 0.00	50.31 3.92 0.00	47.75 3.56 0.00	42.34 2.98 0.00	39.88 2.65 0.00	39.74 2.60 0.00	39.14 2.53 0.00
PEEKSKILL____ 23653	53.38 2.03 0.00	37.75 1.32 0.00	39.93 1.21 0.00	38.29 1.02 0.00	36.39 1.01 0.00	38.50 1.21 0.00	50.14 1.94 0.00	55.15 2.47 0.00	58.22 2.97 0.00	57.32 2.88 0.00	53.99 2.82 0.00	51.99 3.04 0.00	51.30 3.07 0.00	46.79 2.88 0.00	45.83 2.83 0.00	40.67 2.50 -0.28	46.32 2.74 0.00	52.51 3.22 0.00	49.52 3.13 0.00	47.01 2.82 0.00	41.70 2.33 0.00	39.27 2.05 0.00	39.18 2.05 0.00	38.64 2.03 0.00

PGE MADISON___WINDPWR 24146	53.19 1.84 0.00	37.47 1.05 0.00	40.14 1.41 0.00	38.89 1.61 0.00	36.88 1.50 0.00	39.29 2.00 0.00	51.37 3.17 0.00	60.40 7.72 0.00	63.37 8.12 0.00	62.54 8.10 0.00	58.92 7.75 0.00	55.37 6.42 0.00	54.26 6.03 0.00	50.16 6.25 0.00	49.40 6.39 0.00	42.86 5.03 0.06	48.41 4.84 0.00	52.56 3.27 0.00	50.04 3.66 0.00	47.47 3.29 0.00	41.70 2.33 0.00	39.11 1.88 0.00	38.82 1.68 0.00	38.34 1.73 0.00
PIERCEFIELD___HYD 23852	49.48 -1.88 0.00	35.26 -1.16 0.00	37.37 -1.35 0.00	36.27 -1.00 0.00	34.03 -1.35 0.00	35.19 -2.11 0.00	45.82 -2.38 0.00	50.63 -2.05 0.00	54.45 -0.80 0.00	53.65 -0.78 0.00	51.16 0.00 0.00	48.87 -0.08 0.00	47.97 -0.27 0.00	43.47 -0.44 0.00	42.58 -0.43 0.00	36.63 -1.26 0.00	41.28 -2.30 0.00	45.63 -3.66 0.00	42.99 -3.40 0.00	40.72 -3.46 0.00	35.58 -3.79 0.00	33.52 -3.71 0.00	33.77 -3.37 0.00	35.36 -2.31 -1.06
PINELAWN_CC_1 323563	54.26 2.91 0.00	38.22 1.80 0.00	40.34 1.61 0.00	38.66 1.38 0.00	36.63 1.25 0.00	38.94 1.64 0.00	50.72 2.52 0.00	55.68 3.01 0.00	58.92 3.67 0.00	58.17 3.73 0.00	55.05 3.88 0.00	53.14 4.20 0.00	52.41 4.18 0.00	48.05 4.14 0.00	47.08 4.08 0.00	41.88 3.73 -0.26	47.57 3.99 0.00	53.88 4.59 0.00	51.00 4.61 0.00	48.31 4.12 0.00	42.74 3.37 0.00	40.12 2.90 0.00	40.10 2.96 0.00	39.49 2.87 0.00
PJM_GEN_HTP_PROXY 323702	47.47 2.47 6.35	38.03 1.60 0.00	40.22 1.49 0.00	38.51 1.23 0.00	35.25 1.14 1.28	38.71 1.42 0.00	52.05 2.29 -1.56	56.46 2.89 -0.90	61.26 3.49 -2.51	58.48 3.40 -0.64	54.52 3.35 0.00	52.54 3.59 0.00	51.73 3.65 0.15	47.35 3.44 0.00	47.78 3.39 -1.38	41.17 3.02 -0.26	46.87 3.30 0.00	53.09 3.81 0.00	50.07 3.69 0.00	47.52 3.34 0.00	42.14 2.77 0.00	39.81 2.44 -0.14	39.55 2.41 0.00	38.99 2.38 0.00
PJM_GEN_KEystone 24065	45.15 0.15 6.35	35.53 -0.04 0.86	38.66 -0.06 0.00	37.23 -0.04 0.00	34.11 0.01 1.28	44.64 0.19 -7.15	49.86 0.10 -1.56	54.98 0.04 -2.26	58.06 0.29 -2.51	55.24 0.16 -0.64	51.22 0.05 0.00	49.12 0.17 0.00	48.16 0.08 0.15	43.99 0.08 0.00	44.49 0.10 -1.38	37.69 0.14 0.34	41.42 -0.08 2.07	49.37 0.08 0.00	46.37 0.14 0.16	44.16 -0.01 0.01	39.22 -0.14 0.00	37.25 -0.12 0.00	37.25 0.11 0.00	36.95 0.34 0.00
PJM_GEN_NEPTUNE_PROXY 323594	47.40 2.40 6.35	37.92 1.49 0.00	40.02 1.30 0.00	38.37 1.09 0.00	35.09 0.99 1.28	38.60 1.31 0.00	51.82 2.06 -1.56	56.08 2.50 -0.90	60.87 3.11 -2.51	58.22 3.14 -0.64	54.44 3.27 0.00	52.52 3.58 0.00	51.66 3.57 0.15	47.45 3.54 0.00	47.87 3.48 -1.38	41.32 3.17 -0.26	46.92 3.35 0.00	53.17 3.89 0.00	50.30 3.91 0.00	47.67 3.48 0.00	42.19 2.83 0.00	39.81 2.44 -0.14	39.64 2.50 0.00	39.06 2.45 0.00
PJM_GEN_VFT_PROXY 323633	47.33 2.33 6.35	37.95 1.53 0.00	40.11 1.39 0.00	38.40 1.13 0.00	35.16 1.06 1.28	38.64 1.35 0.00	51.96 2.20 -1.56	56.31 2.74 -0.90	61.07 3.31 -2.51	58.26 3.19 -0.64	54.32 3.15 0.00	52.40 3.46 0.00	51.59 3.51 0.15	47.22 3.32 0.00	47.65 3.27 -1.38	41.06 2.91 -0.26	46.73 3.15 0.00	52.96 3.67 0.00	49.96 3.57 0.00	47.41 3.23 0.00	42.04 2.67 0.00	39.73 2.35 -0.14	39.46 2.32 0.00	38.92 2.31 0.00
PLATSBURG_115KV_PMLD1 355749	50.46 -0.89 0.00	35.78 -0.65 0.00	37.78 -0.94 0.00	36.56 -0.72 0.00	34.92 -0.46 0.00	37.17 -0.13 0.00	48.65 0.45 0.00	53.33 0.65 0.00	55.87 0.63 0.00	55.13 0.70 0.00	52.12 0.95 0.00	50.10 1.16 0.00	49.61 1.38 0.00	44.99 1.08 0.00	44.07 1.07 0.00	38.86 0.97 0.00	44.79 1.21 0.00	49.80 0.52 0.00	46.27 -0.11 0.00	43.70 -0.49 0.00	38.74 -0.63 0.00	36.49 -0.73 0.00	36.34 -0.80 0.00	5.60 -1.20 29.81
PLEASANTVLY___LBMP 24000	53.36 2.01 0.00	37.74 1.31 0.00	39.96 1.23 0.00	38.33 1.05 0.00	36.38 1.00 0.00	38.45 1.16 0.00	50.02 1.82 0.00	55.01 2.33 0.00	58.07 2.82 0.00	57.19 2.75 0.00	53.89 2.72 0.00	51.87 2.92 0.00	51.14 2.91 0.00	46.67 2.76 0.00	45.70 2.70 0.00	40.43 2.36 -0.18	46.18 2.60 0.00	52.32 3.03 0.00	49.33 2.94 0.00	46.86 2.67 0.00	41.58 2.22 0.00	39.20 1.98 0.00	39.10 1.96 0.00	38.53 1.91 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	53.64 2.29 0.00	37.93 1.51 0.00	40.12 1.40 0.00	38.47 1.19 0.00	36.51 1.13 0.00	38.63 1.34 0.00	50.33 2.13 0.00	55.38 2.71 0.00	58.49 3.24 0.00	57.58 3.14 0.00	54.27 3.09 0.00	52.27 3.32 0.00	51.56 3.33 0.00	47.06 3.15 0.00	46.09 3.08 0.00	40.86 2.73 -0.23	46.58 3.00 0.00	52.79 3.50 0.00	49.78 3.39 0.00	47.26 3.07 0.00	41.94 2.57 0.00	39.48 2.26 0.00	39.38 2.24 0.00	38.81 2.20 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	53.64 2.29 0.00	37.93 1.51 0.00	40.12 1.40 0.00	38.47 1.19 0.00	36.51 1.13 0.00	38.63 1.34 0.00	50.33 2.13 0.00	55.38 2.71 0.00	58.49 3.24 0.00	57.58 3.14 0.00	54.27 3.09 0.00	52.27 3.32 0.00	51.56 3.33 0.00	47.06 3.15 0.00	46.09 3.08 0.00	40.86 2.73 -0.23	46.58 3.00 0.00	52.79 3.50 0.00	49.78 3.39 0.00	47.26 3.07 0.00	41.94 2.57 0.00	39.48 2.26 0.00	39.38 2.24 0.00	38.81 2.20 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	53.85 2.50 0.00	38.07 1.64 0.00	40.30 1.58 0.00	38.66 1.38 0.00	36.71 1.33 0.00	38.84 1.55 0.00	50.57 2.37 0.00	55.66 2.98 0.00	58.79 3.55 0.00	57.91 3.47 0.00	54.56 3.39 0.00	52.50 3.56 0.00	51.75 3.51 0.00	47.21 3.30 0.00	46.24 3.23 0.00	40.82 2.86 -0.07	46.79 3.21 0.00	53.01 3.72 0.00	49.99 3.61 0.00	47.45 3.26 0.00	42.08 2.72 0.00	39.66 2.43 0.00	39.53 2.39 0.00	38.92 2.31 0.00
POLETTI___ 23519	53.88 2.53 0.00	38.08 1.65 0.00	40.26 1.54 0.00	38.46 1.19 0.00	36.37 0.99 0.00	38.57 1.27 0.00	50.32 2.12 0.00	55.38 2.70 0.00	58.59 3.34 0.00	57.68 3.24 0.00	54.38 3.21 0.00	52.43 3.49 0.00	51.75 3.52 0.00	47.25 3.34 0.00	46.28 3.27 0.00	41.10 2.95 -0.26	46.76 3.18 0.00	52.97 3.69 0.00	49.98 3.59 0.00	47.44 3.25 0.00	42.07 2.70 0.00	39.60 2.38 0.00	39.49 2.35 0.00	38.94 2.33 0.00
POMONA___ESR 323819	53.20 1.85 0.00	37.63 1.20 0.00	39.78 1.06 0.00	38.18 0.91 0.00	36.34 0.96 0.00	38.43 1.14 0.00	50.03 1.83 0.00	55.04 2.37 0.00	58.04 2.79 0.00	57.13 2.69 0.00	53.84 2.67 0.00	51.81 2.86 0.00	51.13 2.89 0.00	46.60 2.69 0.00	45.66 2.65 0.00	39.80 2.34 0.43	46.14 2.56 0.00	52.34 3.05 0.00	49.36 2.97 0.00	46.83 2.65 0.00	41.55 2.18 0.00	39.13 1.90 0.00	39.05 1.92 0.00	38.54 1.93 0.00
PORT_JEFF_3 23555	54.23 2.87 0.00	38.18 1.75 0.00	40.27 1.54 0.00	38.62 1.34 0.00	36.58 1.20 0.00	38.90 1.61 0.00	50.68 2.48 0.00	55.58 2.90 0.00	58.85 3.60 0.00	58.16 3.72 0.00	55.10 3.93 0.00	53.32 4.37 0.00	52.60 4.37 0.00	48.27 4.37 0.00	47.25 4.25 0.00	42.15 4.00 -0.26	47.83 4.25 0.00	54.20 4.92 0.00	51.32 4.93 0.00	48.58 4.39 0.00	42.90 3.53 0.00	40.21 2.98 0.00	40.23 3.09 0.00	39.60 2.99 0.00

PORT_JEFF_4 23616	54.23 2.87 0.00	38.18 1.75 0.00	40.27 1.54 0.00	38.62 1.34 0.00	36.58 1.20 0.00	38.90 1.61 0.00	50.68 2.48 0.00	55.58 2.90 0.00	58.85 3.60 0.00	58.16 3.72 0.00	55.10 3.93 0.00	53.32 4.37 0.00	52.60 4.37 0.00	48.27 4.37 0.00	47.25 4.25 0.00	42.15 4.00 -0.26	47.83 4.25 0.00	54.20 4.92 0.00	51.32 4.93 0.00	48.58 4.39 0.00	42.90 3.53 0.00	40.21 2.98 0.00	40.23 3.09 0.00	39.60 2.99 0.00
PORT_JEFF_IC 23713	54.25 2.90 0.00	38.18 1.76 0.00	40.27 1.55 0.00	38.62 1.34 0.00	36.59 1.21 0.00	38.91 1.62 0.00	50.72 2.52 0.00	55.62 2.94 0.00	58.90 3.65 0.00	58.22 3.78 0.00	55.14 3.97 0.00	53.37 4.43 0.00	52.66 4.43 0.00	48.33 4.43 0.00	47.29 4.29 0.00	42.19 4.04 -0.26	47.89 4.31 0.00	54.30 5.02 0.00	51.40 5.01 0.00	48.65 4.46 0.00	42.94 3.57 0.00	40.24 3.01 0.00	40.25 3.11 0.00	39.63 3.02 0.00
PPL_PILGRIM_ST_GT1 24216	54.51 3.16 0.00	38.40 1.98 0.00	40.51 1.79 0.00	38.86 1.58 0.00	36.80 1.42 0.00	39.12 1.83 0.00	50.95 2.74 0.00	55.88 3.20 0.00	59.17 3.92 0.00	58.45 4.01 0.00	55.37 4.20 0.00	53.49 4.54 0.00	52.72 4.48 0.00	48.37 4.47 0.00	47.40 4.39 0.00	42.21 4.06 -0.26	47.82 4.25 0.00	54.17 4.88 0.00	51.38 4.99 0.00	48.65 4.47 0.00	43.02 3.65 0.00	40.36 3.13 0.00	40.37 3.23 0.00	39.76 3.14 0.00
PPL_PILGRIM_ST_GT2 24217	54.51 3.16 0.00	38.40 1.98 0.00	40.51 1.79 0.00	38.86 1.58 0.00	36.80 1.42 0.00	39.12 1.83 0.00	50.95 2.74 0.00	55.88 3.20 0.00	59.17 3.92 0.00	58.45 4.01 0.00	55.37 4.20 0.00	53.49 4.54 0.00	52.72 4.48 0.00	48.37 4.47 0.00	47.40 4.39 0.00	42.21 4.06 -0.26	47.82 4.25 0.00	54.17 4.88 0.00	51.38 4.99 0.00	48.65 4.47 0.00	43.02 3.65 0.00	40.36 3.13 0.00	40.37 3.23 0.00	39.76 3.14 0.00
PPL_SHRM_GT3 24213	54.19 2.84 0.00	38.12 1.69 0.00	40.19 1.47 0.00	38.52 1.25 0.00	36.51 1.13 0.00	38.87 1.57 0.00	50.70 2.50 0.00	55.56 2.89 0.00	58.86 3.61 0.00	58.20 3.76 0.00	55.14 3.97 0.00	53.58 4.64 0.00	52.92 4.69 0.00	48.61 4.71 0.00	47.34 4.34 0.00	42.45 4.31 -0.26	48.23 4.65 0.00	54.67 5.39 0.00	51.76 5.37 0.00	48.94 4.75 0.00	43.10 3.73 0.00	40.32 3.10 0.00	40.26 3.12 0.00	39.60 2.98 0.00
PPL_SHRM_GT4 24214	54.19 2.84 0.00	38.12 1.69 0.00	40.19 1.47 0.00	38.52 1.25 0.00	36.51 1.13 0.00	38.87 1.57 0.00	50.70 2.50 0.00	55.56 2.89 0.00	58.86 3.61 0.00	58.20 3.76 0.00	55.14 3.97 0.00	53.58 4.64 0.00	52.92 4.69 0.00	48.61 4.71 0.00	47.34 4.34 0.00	42.45 4.31 -0.26	48.23 4.65 0.00	54.67 5.39 0.00	51.76 5.37 0.00	48.94 4.75 0.00	43.10 3.73 0.00	40.32 3.10 0.00	40.26 3.12 0.00	39.60 2.98 0.00
PROJECT___ORANGE 1 24174	50.44 -0.91 0.00	35.72 -0.71 0.00	38.01 -0.71 0.00	36.62 -0.65 0.00	34.75 -0.63 0.00	36.71 -0.58 0.00	47.35 -0.85 0.00	51.75 -0.93 0.00	54.36 -0.89 0.00	53.49 -0.94 0.00	50.18 -0.99 0.00	47.92 -1.03 0.00	47.07 -1.16 0.00	42.86 -1.05 0.00	41.98 -1.03 0.00	36.98 -0.91 0.00	42.44 -1.14 0.00	48.05 -1.24 0.00	45.28 -1.11 0.00	43.15 -1.04 0.00	38.53 -0.84 0.00	36.53 -0.70 0.00	36.43 -0.70 0.00	36.00 -0.61 0.00
PROJECT___ORANGE 2 24166	50.44 -0.91 0.00	35.72 -0.71 0.00	38.01 -0.71 0.00	36.62 -0.65 0.00	34.75 -0.63 0.00	36.71 -0.58 0.00	47.35 -0.85 0.00	51.75 -0.93 0.00	54.36 -0.89 0.00	53.49 -0.94 0.00	50.18 -0.99 0.00	47.92 -1.03 0.00	47.07 -1.16 0.00	42.86 -1.05 0.00	41.98 -1.03 0.00	36.98 -0.91 0.00	42.44 -1.14 0.00	48.05 -1.24 0.00	45.28 -1.11 0.00	43.15 -1.04 0.00	38.53 -0.84 0.00	36.53 -0.70 0.00	36.43 -0.70 0.00	36.00 -0.61 0.00
PUCKETT___SOLAR 323809	51.54 0.19 0.00	36.35 -0.07 0.00	38.88 0.16 0.00	37.62 0.34 0.00	35.64 0.26 0.00	37.70 0.40 0.00	48.68 0.48 0.00	53.92 1.24 0.00	56.76 1.51 0.00	55.92 1.48 0.00	52.57 1.40 0.00	50.04 1.10 0.00	49.09 0.86 0.00	44.91 1.00 0.00	44.07 1.07 0.00	38.59 0.74 0.04	43.96 0.38 0.00	49.71 0.43 0.00	46.95 0.57 0.00	44.60 0.42 0.00	39.55 0.18 0.00	37.32 0.10 0.00	37.20 0.06 0.00	36.82 0.21 0.00
PYRITES___HYD 24023	50.77 -0.58 0.00	36.22 -0.20 0.00	38.39 -0.33 0.00	37.25 -0.03 0.00	34.90 -0.48 0.00	36.13 -1.17 0.00	47.15 -1.05 0.00	52.15 -0.53 0.00	56.03 0.79 0.00	55.22 0.78 0.00	52.60 1.43 0.00	50.18 1.24 0.00	49.26 1.03 0.00	44.63 0.72 0.00	43.74 0.73 0.00	37.64 -0.25 0.00	42.54 -1.04 0.00	47.13 -2.16 0.00	44.41 -1.98 0.00	42.06 -2.13 0.00	36.73 -2.64 0.00	34.56 -2.67 0.00	34.74 -2.39 0.00	36.29 -1.38 -1.06
QUAKERRD_115KV_BK1 80622	48.93 -2.42 0.00	34.69 -1.73 0.00	36.94 -1.79 0.00	35.61 -1.67 0.00	33.76 -1.62 0.00	35.82 -1.47 0.00	45.96 -2.24 0.00	49.72 -2.96 0.00	52.37 -2.88 0.00	51.51 -2.93 0.00	48.23 -2.94 0.00	45.92 -3.03 0.00	44.99 -3.24 0.00	41.04 -2.87 0.00	40.20 -2.80 0.00	35.52 -2.37 0.00	40.77 -2.81 0.00	46.19 -3.10 0.00	43.45 -2.94 0.00	41.41 -2.77 0.00	36.92 -2.44 0.00	35.03 -2.20 0.00	35.13 -2.01 0.00	34.86 -1.76 0.00
QUENSBRY_115KV_TB8 356137	55.82 4.47 0.00	39.46 3.03 0.00	41.86 3.14 0.00	40.28 3.00 0.00	38.22 2.84 0.00	40.28 2.98 0.00	51.91 3.71 0.00	57.19 4.51 0.00	60.35 5.10 0.00	59.42 4.98 0.00	55.82 4.65 0.00	53.48 4.53 0.00	52.72 4.49 0.00	48.07 4.16 0.00	47.03 4.02 0.00	41.41 3.46 -0.05	47.67 4.10 0.00	53.91 4.62 0.00	50.70 4.31 0.00	48.42 4.24 0.00	43.03 3.66 0.00	40.64 3.41 0.00	40.32 3.18 0.00	39.47 2.86 0.00
RAMAPO___LBMP 323565	53.06 1.71 0.00	37.53 1.11 0.00	39.68 0.95 0.00	38.10 0.82 0.00	36.25 0.87 0.00	38.33 1.04 0.00	49.91 1.71 0.00	54.89 2.21 0.00	57.88 2.63 0.00	56.96 2.53 0.00	53.66 2.49 0.00	51.64 2.69 0.00	50.96 2.73 0.00	46.44 2.53 0.00	45.50 2.50 0.00	39.66 2.20 0.43	45.96 2.39 0.00	52.14 2.85 0.00	49.17 2.78 0.00	46.66 2.47 0.00	41.41 2.04 0.00	38.99 1.77 0.00	38.92 1.79 0.00	38.41 1.80 0.00
RANKINE____ 23646	50.47 -0.88 0.00	35.86 -0.57 0.00	38.27 -0.46 0.00	36.93 -0.35 0.00	34.92 -0.46 0.00	37.18 -0.11 0.00	47.15 -1.05 0.00	50.44 -2.24 0.00	53.24 -2.00 0.00	52.33 -2.11 0.00	48.79 -2.38 0.00	46.27 -2.68 0.00	45.02 -3.22 0.00	41.16 -2.75 0.00	40.30 -2.71 0.00	35.58 -2.31 0.00	40.66 -2.91 0.00	46.07 -3.21 0.00	42.38 -3.13 0.88	41.15 -2.97 0.07	36.70 -2.67 0.00	35.01 -2.22 0.00	35.39 -1.75 0.00	35.35 -1.26 0.00
RAVENSWOOD_GT2_1 24244	53.82 2.47 0.00	38.04 1.61 0.00	40.22 1.50 0.00	38.51 1.24 0.00	36.52 1.14 0.00	38.71 1.42 0.00	50.48 2.28 0.00	55.56 2.88 0.00	58.72 3.47 0.00	57.81 3.38 0.00	54.49 3.32 0.00	52.52 3.57 0.00	51.83 3.60 0.00	47.31 3.40 0.00	46.35 3.34 0.00	41.14 2.99 -0.26	46.83 3.25 0.00	53.05 3.77 0.00	50.06 3.67 0.00	47.51 3.33 0.00	42.13 2.76 0.00	39.67 2.44 0.00	39.55 2.41 0.00	39.00 2.38 0.00

RAVENSWOOD_GT2_2 24245	53.82 2.47 0.00	38.04 1.61 0.00	40.22 1.50 0.00	38.51 1.24 0.00	36.52 1.14 0.00	38.71 1.42 0.00	50.48 2.28 0.00	55.56 2.88 0.00	58.72 3.47 0.00	57.81 3.38 0.00	54.49 3.32 0.00	52.52 3.57 0.00	51.83 3.60 0.00	47.31 3.40 0.00	46.35 3.34 0.00	41.14 2.99 -0.26	46.83 3.25 0.00	53.05 3.77 0.00	50.06 3.67 0.00	47.51 3.33 0.00	42.13 2.76 0.00	39.67 2.44 0.00	39.55 2.41 0.00	39.00 2.38 0.00
RAVENSWOOD_GT2_3 24246	53.84 2.49 0.00	38.05 1.63 0.00	40.24 1.52 0.00	38.53 1.25 0.00	36.54 1.16 0.00	38.72 1.43 0.00	50.50 2.30 0.00	55.58 2.90 0.00	58.75 3.50 0.00	57.83 3.40 0.00	54.51 3.34 0.00	52.54 3.59 0.00	51.85 3.62 0.00	47.35 3.44 0.00	46.37 3.37 0.00	41.16 3.01 -0.26	46.85 3.28 0.00	53.08 3.79 0.00	50.08 3.69 0.00	47.53 3.34 0.00	42.14 2.77 0.00	39.69 2.46 0.00	39.56 2.42 0.00	39.02 2.41 0.00
RAVENSWOOD_GT2_4 24247	53.84 2.49 0.00	38.05 1.63 0.00	40.24 1.52 0.00	38.53 1.25 0.00	36.54 1.16 0.00	38.72 1.43 0.00	50.50 2.30 0.00	55.58 2.90 0.00	58.75 3.50 0.00	57.83 3.40 0.00	54.51 3.34 0.00	52.54 3.59 0.00	51.85 3.62 0.00	47.35 3.44 0.00	46.37 3.37 0.00	41.16 3.01 -0.26	46.85 3.28 0.00	53.08 3.79 0.00	50.08 3.69 0.00	47.53 3.34 0.00	42.14 2.77 0.00	39.69 2.46 0.00	39.56 2.42 0.00	39.02 2.41 0.00
RAVENSWOOD_GT3_1 24248	53.83 2.48 0.00	38.04 1.61 0.00	40.22 1.50 0.00	38.51 1.24 0.00	36.52 1.14 0.00	38.71 1.42 0.00	50.48 2.28 0.00	55.56 2.88 0.00	58.72 3.47 0.00	57.81 3.38 0.00	54.49 3.32 0.00	52.52 3.57 0.00	51.84 3.60 0.00	47.31 3.40 0.00	46.36 3.35 0.00	41.14 2.99 -0.26	46.83 3.25 0.00	53.05 3.77 0.00	50.06 3.67 0.00	47.51 3.33 0.00	42.13 2.76 0.00	39.67 2.44 0.00	39.55 2.42 0.00	39.00 2.38 0.00
RAVENSWOOD_GT3_2 24249	53.83 2.48 0.00	38.04 1.61 0.00	40.22 1.50 0.00	38.51 1.24 0.00	36.52 1.14 0.00	38.71 1.42 0.00	50.48 2.28 0.00	55.56 2.88 0.00	58.72 3.47 0.00	57.81 3.38 0.00	54.49 3.32 0.00	52.52 3.57 0.00	51.84 3.60 0.00	47.31 3.40 0.00	46.36 3.35 0.00	41.14 2.99 -0.26	46.83 3.25 0.00	53.05 3.77 0.00	50.06 3.67 0.00	47.51 3.33 0.00	42.13 2.76 0.00	39.67 2.44 0.00	39.55 2.42 0.00	39.00 2.38 0.00
RAVENSWOOD_GT3_3 24250	53.89 2.54 0.00	38.09 1.67 0.00	40.28 1.55 0.00	38.56 1.28 0.00	36.57 1.19 0.00	38.76 1.47 0.00	50.55 2.35 0.00	55.63 2.96 0.00	58.82 3.58 0.00	57.90 3.46 0.00	54.57 3.40 0.00	52.60 3.65 0.00	51.93 3.69 0.00	47.39 3.49 0.00	46.42 3.42 0.00	41.21 3.06 -0.26	46.91 3.34 0.00	53.15 3.86 0.00	50.14 3.75 0.00	47.60 3.41 0.00	42.20 2.83 0.00	39.73 2.50 0.00	39.61 2.46 0.00	39.06 2.44 0.00
RAVENSWOOD_GT3_4 24251	53.89 2.54 0.00	38.09 1.67 0.00	40.28 1.55 0.00	38.56 1.28 0.00	36.57 1.19 0.00	38.76 1.47 0.00	50.55 2.35 0.00	55.63 2.96 0.00	58.82 3.58 0.00	57.90 3.46 0.00	54.57 3.40 0.00	52.60 3.65 0.00	51.93 3.69 0.00	47.39 3.49 0.00	46.42 3.42 0.00	41.21 3.06 -0.26	46.91 3.34 0.00	53.15 3.86 0.00	50.14 3.75 0.00	47.60 3.41 0.00	42.20 2.83 0.00	39.73 2.50 0.00	39.61 2.46 0.00	39.06 2.44 0.00
RAVENSWOOD_GT_1 23729	53.90 2.55 0.00	38.11 1.68 0.00	40.29 1.56 0.00	38.57 1.29 0.00	36.57 1.19 0.00	38.77 1.48 0.00	50.56 2.37 0.00	55.67 2.99 0.00	58.84 3.60 0.00	57.90 3.46 0.00	54.55 3.38 0.00	52.60 3.65 0.00	51.92 3.68 0.00	47.40 3.49 0.00	46.43 3.43 0.00	41.21 3.06 -0.26	46.89 3.32 0.00	53.13 3.85 0.00	50.14 3.75 0.00	47.62 3.43 0.00	42.21 2.84 0.00	39.76 2.53 0.00	39.64 2.50 0.00	39.11 2.50 0.00
RAVENSWOOD_GT_10 24258	53.83 2.48 0.00	38.04 1.61 0.00	40.22 1.50 0.00	38.51 1.24 0.00	36.52 1.14 0.00	38.71 1.42 0.00	50.48 2.28 0.00	55.56 2.88 0.00	58.72 3.47 0.00	57.81 3.38 0.00	54.49 3.32 0.00	52.52 3.57 0.00	51.84 3.60 0.00	47.31 3.40 0.00	46.36 3.35 0.00	41.14 2.99 -0.26	46.83 3.25 0.00	53.05 3.77 0.00	50.06 3.67 0.00	47.51 3.33 0.00	42.13 2.76 0.00	39.67 2.44 0.00	39.55 2.42 0.00	39.00 2.38 0.00
RAVENSWOOD_GT_11 24259	53.83 2.48 0.00	38.04 1.61 0.00	40.22 1.50 0.00	38.51 1.24 0.00	36.52 1.14 0.00	38.71 1.42 0.00	50.48 2.28 0.00	55.56 2.88 0.00	58.72 3.47 0.00	57.81 3.38 0.00	54.49 3.32 0.00	52.52 3.57 0.00	51.84 3.60 0.00	47.31 3.40 0.00	46.36 3.35 0.00	41.14 2.99 -0.26	46.83 3.25 0.00	53.05 3.77 0.00	50.06 3.67 0.00	47.51 3.33 0.00	42.13 2.76 0.00	39.67 2.44 0.00	39.55 2.42 0.00	39.00 2.38 0.00
RAVENSWOOD_GT_4 24252	53.83 2.48 0.00	38.04 1.62 0.00	40.22 1.50 0.00	38.51 1.24 0.00	36.53 1.15 0.00	38.72 1.42 0.00	50.50 2.30 0.00	55.56 2.88 0.00	58.73 3.48 0.00	57.81 3.38 0.00	54.50 3.33 0.00	52.53 3.58 0.00	51.84 3.61 0.00	47.32 3.41 0.00	46.36 3.35 0.00	41.14 2.99 -0.26	46.83 3.26 0.00	53.06 3.77 0.00	50.06 3.67 0.00	47.52 3.33 0.00	42.13 2.76 0.00	39.67 2.44 0.00	39.56 2.42 0.00	38.99 2.38 0.00
RAVENSWOOD_GT_5 24254	53.83 2.48 0.00	38.04 1.62 0.00	40.22 1.50 0.00	38.51 1.24 0.00	36.53 1.15 0.00	38.72 1.42 0.00	50.50 2.30 0.00	55.56 2.88 0.00	58.73 3.48 0.00	57.81 3.38 0.00	54.50 3.33 0.00	52.53 3.58 0.00	51.84 3.61 0.00	47.32 3.41 0.00	46.36 3.35 0.00	41.14 2.99 -0.26	46.83 3.26 0.00	53.06 3.77 0.00	50.06 3.67 0.00	47.52 3.33 0.00	42.13 2.76 0.00	39.67 2.44 0.00	39.56 2.42 0.00	38.99 2.38 0.00
RAVENSWOOD_GT_6 24253	53.83 2.48 0.00	38.04 1.62 0.00	40.22 1.50 0.00	38.51 1.24 0.00	36.53 1.15 0.00	38.72 1.42 0.00	50.50 2.30 0.00	55.56 2.88 0.00	58.73 3.48 0.00	57.81 3.38 0.00	54.50 3.33 0.00	52.53 3.58 0.00	51.84 3.61 0.00	47.32 3.41 0.00	46.36 3.35 0.00	41.14 2.99 -0.26	46.83 3.26 0.00	53.06 3.77 0.00	50.06 3.67 0.00	47.52 3.33 0.00	42.13 2.76 0.00	39.67 2.44 0.00	39.56 2.42 0.00	38.99 2.38 0.00
RAVENSWOOD_GT_7 24255	53.83 2.48 0.00	38.04 1.62 0.00	40.22 1.50 0.00	38.51 1.24 0.00	36.53 1.15 0.00	38.72 1.42 0.00	50.50 2.30 0.00	55.56 2.88 0.00	58.73 3.48 0.00	57.81 3.38 0.00	54.50 3.33 0.00	52.53 3.58 0.00	51.84 3.61 0.00	47.32 3.41 0.00	46.36 3.35 0.00	41.14 2.99 -0.26	46.83 3.26 0.00	53.06 3.77 0.00	50.06 3.67 0.00	47.52 3.33 0.00	42.13 2.76 0.00	39.67 2.44 0.00	39.56 2.42 0.00	38.99 2.38 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	53.83 2.48 0.00	38.04 1.61 0.00	40.22 1.50 0.00	38.51 1.24 0.00	36.52 1.14 0.00	38.71 1.42 0.00	50.48 2.28 0.00	55.56 2.88 0.00	58.72 3.47 0.00	57.81 3.38 0.00	54.49 3.32 0.00	52.52 3.57 0.00	51.84 3.60 0.00	47.31 3.40 0.00	46.36 3.35 0.00	41.14 2.99 -0.26	46.83 3.25 0.00	53.05 3.77 0.00	50.06 3.67 0.00	47.51 3.33 0.00	42.13 2.76 0.00	39.67 2.44 0.00	39.55 2.42 0.00	39.00 2.38 0.00

RAVENSWOOD_GT_9 24257	53.83 2.48 0.00	38.04 1.61 0.00	40.22 1.50 0.00	38.51 1.24 0.00	36.52 1.14 0.00	38.71 1.42 0.00	50.48 2.28 0.00	55.56 2.88 0.00	58.72 3.47 0.00	57.81 3.38 0.00	54.49 3.32 0.00	52.52 3.57 0.00	51.84 3.60 0.00	47.31 3.40 0.00	46.36 3.35 0.00	41.14 2.99 -0.26	46.83 3.25 0.00	53.05 3.77 0.00	50.06 3.67 0.00	47.51 3.33 0.00	42.13 2.76 0.00	39.67 2.44 0.00	39.55 2.42 0.00	39.00 2.38 0.00
RAVENSWOOD___1 23533	53.82 2.47 0.00	38.05 1.62 0.00	40.22 1.49 0.00	38.51 1.23 0.00	36.52 1.14 0.00	38.71 1.42 0.00	50.48 2.28 0.00	55.58 2.90 0.00	58.74 3.50 0.00	57.82 3.38 0.00	54.46 3.29 0.00	52.51 3.57 0.00	51.83 3.59 0.00	47.32 3.41 0.00	46.35 3.35 0.00	41.14 2.99 -0.26	46.82 3.25 0.00	53.04 3.76 0.00	50.07 3.68 0.00	47.54 3.36 0.00	42.13 2.77 0.00	39.69 2.47 0.00	39.57 2.43 0.00	39.04 2.42 0.00
RAVENSWOOD___2 23534	53.82 2.47 0.00	38.05 1.62 0.00	40.22 1.49 0.00	38.51 1.23 0.00	36.52 1.14 0.00	38.71 1.42 0.00	50.48 2.28 0.00	55.58 2.90 0.00	58.74 3.50 0.00	57.82 3.38 0.00	54.46 3.29 0.00	52.51 3.57 0.00	51.83 3.59 0.00	47.32 3.41 0.00	46.35 3.35 0.00	41.14 2.99 -0.26	46.82 3.25 0.00	53.04 3.76 0.00	50.07 3.68 0.00	47.54 3.36 0.00	42.13 2.77 0.00	39.69 2.47 0.00	39.57 2.43 0.00	39.04 2.42 0.00
RAVENSWOOD___3 23535	53.83 2.48 0.00	38.04 1.61 0.00	40.22 1.50 0.00	38.51 1.24 0.00	36.52 1.14 0.00	38.71 1.42 0.00	50.48 2.28 0.00	55.56 2.88 0.00	58.72 3.47 0.00	57.81 3.38 0.00	54.48 3.31 0.00	52.52 3.57 0.00	51.84 3.60 0.00	47.31 3.40 0.00	46.36 3.36 0.00	41.14 2.99 -0.26	46.83 3.26 0.00	53.05 3.77 0.00	50.05 3.67 0.00	47.52 3.33 0.00	42.13 2.77 0.00	39.67 2.44 0.00	39.55 2.42 0.00	38.99 2.38 0.00
RAVENSWOOD___4 23820	53.82 2.47 0.00	38.05 1.62 0.00	40.22 1.49 0.00	38.51 1.23 0.00	36.52 1.14 0.00	38.71 1.42 0.00	50.48 2.28 0.00	55.58 2.90 0.00	58.74 3.50 0.00	57.82 3.38 0.00	54.46 3.29 0.00	52.51 3.57 0.00	51.83 3.59 0.00	47.32 3.41 0.00	46.35 3.35 0.00	41.14 2.99 -0.26	46.82 3.25 0.00	53.04 3.76 0.00	50.07 3.68 0.00	47.54 3.36 0.00	42.13 2.77 0.00	39.69 2.47 0.00	39.57 2.43 0.00	39.04 2.42 0.00
RCPL_TRUST___DRP 24196	53.87 2.52 0.00	38.06 1.64 0.00	40.25 1.52 0.00	38.55 1.27 0.00	36.55 1.17 0.00	38.74 1.45 0.00	50.55 2.35 0.00	55.63 2.95 0.00	58.82 3.58 0.00	57.91 3.47 0.00	54.60 3.43 0.00	52.63 3.68 0.00	51.94 3.71 0.00	47.43 3.52 0.00	46.46 3.45 0.00	41.23 3.08 -0.26	46.94 3.36 0.00	53.15 3.87 0.00	50.14 3.75 0.00	47.58 3.39 0.00	42.18 2.81 0.00	39.71 2.48 0.00	39.59 2.45 0.00	39.02 2.41 0.00
RED___ROCHESTER 323720	50.09 -1.26 0.00	35.52 -0.90 0.00	37.81 -0.91 0.00	36.43 -0.84 0.00	34.54 -0.84 0.00	36.69 -0.60 0.00	47.00 -1.20 0.00	50.78 -1.90 0.00	53.54 -1.71 0.00	52.64 -1.79 0.00	49.27 -1.90 0.00	46.89 -2.05 0.00	45.90 -2.33 0.00	41.91 -2.00 0.00	41.06 -1.94 0.00	36.35 -1.55 0.00	41.73 -1.84 0.00	47.31 -1.97 0.00	44.50 -1.89 0.00	42.40 -1.79 0.00	37.76 -1.61 0.00	35.84 -1.39 0.00	35.98 -1.16 0.00	35.72 -0.89 0.00
REGAN___SOLAR 323812	54.07 2.72 0.00	38.30 1.87 0.00	40.74 2.01 0.00	39.23 1.95 0.00	37.29 1.91 0.00	39.48 2.19 0.00	51.28 3.08 0.00	56.26 3.59 0.00	59.06 3.81 0.00	58.19 3.75 0.00	54.64 3.47 0.00	52.20 3.26 0.00	51.48 3.24 0.00	46.93 3.03 0.00	46.01 3.01 0.00	40.55 2.61 -0.04	46.49 2.91 0.00	52.69 3.41 0.00	49.59 3.20 0.00	47.23 3.04 0.00	41.98 2.61 0.00	39.54 2.31 0.00	39.32 2.18 0.00	38.68 2.07 0.00
RENSSELAER___COGEN 23796	52.58 1.23 0.00	37.31 0.88 0.00	39.66 0.94 0.00	38.11 0.83 0.00	36.13 0.75 0.00	37.73 0.43 0.00	48.81 0.61 0.00	53.45 0.78 0.00	56.27 1.02 0.00	55.42 0.99 0.00	52.17 1.00 0.00	50.01 1.07 0.00	49.30 1.07 0.00	44.96 1.05 0.00	44.00 1.00 0.00	38.74 0.80 -0.06	44.45 0.88 0.00	50.29 1.00 0.00	47.33 0.94 0.00	45.19 1.00 0.00	40.28 0.91 0.00	37.96 0.74 0.00	37.82 0.68 0.00	37.23 0.61 0.00
REPUBLIC_115KV_BARTNBRK 55605	58.27 6.92 0.00	41.16 4.73 0.00	43.33 4.60 0.00	41.67 4.40 0.00	39.37 3.99 0.00	41.59 4.30 0.00	53.89 5.69 0.00	59.53 6.85 0.00	63.25 8.00 0.00	62.32 7.88 0.00	58.12 6.95 0.00	55.74 6.79 0.00	55.43 7.19 0.00	50.37 6.46 0.00	49.27 6.27 0.00	43.39 5.44 -0.06	50.08 6.50 0.00	56.55 7.27 0.00	53.12 6.73 0.00	50.92 6.73 0.00	45.15 5.78 0.00	42.77 5.54 0.00	42.34 5.20 0.00	41.21 4.59 0.00
REVERE_CPFR_DRP 24186	52.29 0.94 0.00	37.08 0.66 0.00	39.46 0.73 0.00	38.12 0.84 0.00	36.30 0.92 0.00	38.41 1.12 0.00	49.88 1.68 0.00	54.74 2.06 0.00	57.73 2.48 0.00	56.99 2.56 0.00	53.52 2.35 0.00	51.04 2.09 0.00	50.32 2.09 0.00	45.87 1.96 0.00	44.97 1.96 0.00	39.42 1.53 0.00	45.10 1.52 0.00	50.79 1.50 0.00	48.01 1.62 0.00	45.58 1.39 0.00	40.37 1.00 0.00	38.14 0.91 0.00	37.89 0.75 0.00	37.31 0.70 0.00
REYNOLDS_115KV_TB3 80639	52.87 1.52 0.00	37.55 1.13 0.00	39.90 1.17 0.00	38.35 1.08 0.00	36.37 0.99 0.00	38.05 0.75 0.00	49.19 1.00 0.00	53.86 1.18 0.00	56.69 1.44 0.00	55.84 1.41 0.00	52.57 1.40 0.00	50.40 1.45 0.00	49.67 1.44 0.00	45.31 1.41 0.00	44.34 1.33 0.00	39.01 1.06 -0.06	44.76 1.19 0.00	50.60 1.32 0.00	47.65 1.26 0.00	45.53 1.35 0.00	40.63 1.26 0.00	38.28 1.06 0.00	38.14 1.00 0.00	37.55 0.94 0.00
RIVERBAY____ 323610	54.07 2.72 0.00	38.28 1.86 0.00	40.49 1.77 0.00	38.75 1.47 0.00	36.68 1.30 0.00	38.99 1.70 0.00	50.88 2.68 0.00	55.97 3.29 0.00	59.07 3.82 0.00	58.11 3.68 0.00	54.73 3.56 0.00	52.87 3.93 0.00	52.12 3.89 0.00	47.59 3.69 0.00	46.57 3.56 0.00	41.34 3.19 -0.26	47.02 3.44 0.00	53.25 3.97 0.00	50.36 3.97 0.00	47.71 3.52 0.00	42.26 2.89 0.00	39.86 2.64 0.00	39.75 2.61 0.00	39.23 2.62 0.00
RIVERSIDE_115KV_TB3 55908	52.76 1.40 0.00	37.45 1.03 0.00	39.80 1.08 0.00	38.25 0.97 0.00	36.27 0.89 0.00	37.90 0.61 0.00	49.03 0.83 0.00	53.70 1.03 0.00	56.52 1.27 0.00	55.68 1.24 0.00	52.41 1.24 0.00	50.25 1.31 0.00	49.54 1.31 0.00	45.18 1.28 0.00	44.22 1.21 0.00	38.93 0.98 -0.06	44.67 1.09 0.00	50.51 1.22 0.00	47.55 1.16 0.00	45.41 1.22 0.00	40.48 1.11 0.00	38.14 0.92 0.00	38.00 0.86 0.00	37.40 0.79 0.00
ROARING___BROOK_WT_PWR 323790	49.95 -1.40 0.00	35.59 -0.84 0.00	37.90 -0.82 0.00	36.61 -0.67 0.00	34.84 -0.54 0.00	36.76 -0.54 0.00	47.66 -0.54 0.00	52.06 -0.62 0.00	54.95 -0.29 0.00	54.38 -0.05 0.00	51.16 -0.01 0.00	48.75 -0.19 0.00	48.24 0.00 0.00	43.89 -0.01 0.00	43.01 0.00 0.00	37.79 -0.10 0.00	43.40 -0.18 0.00	48.72 -0.56 0.00	45.92 -0.47 0.00	43.76 -0.43 0.00	38.68 -0.69 0.00	36.45 -0.77 0.00	36.27 -0.87 0.00	35.70 -0.91 0.00

ROCHESRG_115KV_T4 355643	49.62 -1.73 0.00	35.20 -1.23 0.00	37.48 -1.24 0.00	36.11 -1.17 0.00	34.23 -1.15 0.00	36.35 -0.94 0.00	46.54 -1.66 0.00	50.21 -2.47 0.00	52.93 -2.32 0.00	52.04 -2.40 0.00	48.70 -2.47 0.00	46.34 -2.61 0.00	45.37 -2.87 0.00	41.40 -2.51 0.00	40.55 -2.45 0.00	35.85 -2.04 0.00	41.13 -2.44 0.00	46.60 -2.68 0.00	43.74 -2.55 0.10	41.78 -2.40 0.01	37.23 -2.13 0.00	35.35 -1.88 0.00	35.53 -1.61 0.00	35.29 -1.32 0.00
ROCHESTER_9_IC 23652	49.88 -1.47 0.00	35.38 -1.04 0.00	37.66 -1.06 0.00	36.30 -0.98 0.00	34.40 -0.98 0.00	36.55 -0.75 0.00	46.79 -1.41 0.00	50.52 -2.16 0.00	53.26 -1.99 0.00	52.39 -2.04 0.00	49.02 -2.15 0.00	46.64 -2.30 0.00	45.66 -2.58 0.00	41.69 -2.22 0.00	40.83 -2.18 0.00	36.12 -1.77 0.00	41.45 -2.12 0.00	46.97 -2.31 0.00	44.18 -2.21 0.00	42.10 -2.09 0.00	37.51 -1.86 0.00	35.60 -1.63 0.00	35.76 -1.38 0.00	35.51 -1.10 0.00
ROCKVIEW_13_KV_LD 356306	53.83 2.48 0.00	38.04 1.61 0.00	40.23 1.50 0.00	38.56 1.29 0.00	36.59 1.21 0.00	38.75 1.46 0.00	50.52 2.31 0.00	55.58 2.91 0.00	58.71 3.46 0.00	57.81 3.38 0.00	54.48 3.31 0.00	52.47 3.53 0.00	51.77 3.53 0.00	47.25 3.35 0.00	46.28 3.28 0.00	41.07 2.92 -0.26	46.79 3.22 0.00	53.04 3.75 0.00	50.03 3.64 0.00	47.48 3.29 0.00	42.11 2.75 0.00	39.65 2.43 0.00	39.55 2.41 0.00	38.99 2.38 0.00
ROME____115KV_TB2 80656	52.29 0.94 0.00	37.08 0.66 0.00	39.46 0.73 0.00	38.12 0.84 0.00	36.30 0.92 0.00	38.41 1.12 0.00	49.88 1.68 0.00	54.74 2.06 0.00	57.73 2.48 0.00	56.99 2.56 0.00	53.52 2.35 0.00	51.04 2.09 0.00	50.32 2.09 0.00	45.87 1.96 0.00	44.97 1.96 0.00	39.42 1.53 0.00	45.10 1.52 0.00	50.79 1.50 0.00	48.01 1.62 0.00	45.58 1.39 0.00	40.37 1.00 0.00	38.14 0.91 0.00	37.89 0.75 0.00	37.31 0.70 0.00
ROSETON___1 23587	52.79 1.44 0.00	37.36 0.94 0.00	39.54 0.82 0.00	37.98 0.70 0.00	36.12 0.75 0.00	38.17 0.88 0.00	49.65 1.45 0.00	54.58 1.90 0.00	57.54 2.29 0.00	56.63 2.19 0.00	53.33 2.16 0.00	51.28 2.33 0.00	50.59 2.36 0.00	46.09 2.18 0.00	45.16 2.16 0.00	39.45 1.90 0.34	45.64 2.06 0.00	51.74 2.45 0.00	48.78 2.40 0.00	46.32 2.13 0.00	41.12 1.75 0.00	38.75 1.52 0.00	38.67 1.53 0.00	38.15 1.54 0.00
ROSETON___2 23588	52.79 1.44 0.00	37.36 0.94 0.00	39.54 0.82 0.00	37.98 0.70 0.00	36.12 0.75 0.00	38.17 0.88 0.00	49.65 1.45 0.00	54.58 1.90 0.00	57.54 2.29 0.00	56.63 2.19 0.00	53.33 2.16 0.00	51.28 2.33 0.00	50.59 2.36 0.00	46.09 2.18 0.00	45.16 2.16 0.00	39.45 1.90 0.34	45.64 2.06 0.00	51.74 2.45 0.00	48.78 2.40 0.00	46.32 2.13 0.00	41.12 1.75 0.00	38.75 1.52 0.00	38.67 1.53 0.00	38.15 1.54 0.00
ROTTDAM_115KV_TB3 80664	52.80 1.45 0.00	37.42 1.00 0.00	39.79 1.07 0.00	38.27 0.99 0.00	36.32 0.94 0.00	38.23 0.93 0.00	49.42 1.22 0.00	54.13 1.45 0.00	56.93 1.69 0.00	56.08 1.64 0.00	52.74 1.57 0.00	50.52 1.57 0.00	49.77 1.53 0.00	45.37 1.46 0.00	44.42 1.42 0.00	39.14 1.20 -0.05	44.92 1.34 0.00	50.84 1.55 0.00	47.87 1.49 0.00	45.62 1.43 0.00	40.62 1.26 0.00	38.35 1.12 0.00	38.22 1.08 0.00	37.64 1.03 0.00
RUSSELL___1 23602	50.09 -1.26 0.00	35.52 -0.90 0.00	37.81 -0.92 0.00	36.44 -0.84 0.00	34.54 -0.84 0.00	36.69 -0.60 0.00	47.01 -1.20 0.00	50.78 -1.90 0.00	53.54 -1.71 0.00	52.64 -1.79 0.00	49.27 -1.91 0.00	46.89 -2.06 0.00	45.90 -2.34 0.00	41.91 -2.00 0.00	41.06 -1.94 0.00	36.34 -1.55 0.00	41.73 -1.85 0.00	47.31 -1.98 0.00	44.50 -1.89 0.00	42.40 -1.78 0.00	37.76 -1.61 0.00	35.84 -1.39 0.00	35.98 -1.16 0.00	35.72 -0.90 0.00
RUSSELL___2 23532	50.09 -1.26 0.00	35.52 -0.90 0.00	37.81 -0.92 0.00	36.44 -0.84 0.00	34.54 -0.84 0.00	36.69 -0.60 0.00	47.01 -1.20 0.00	50.78 -1.90 0.00	53.54 -1.71 0.00	52.64 -1.79 0.00	49.27 -1.91 0.00	46.89 -2.06 0.00	45.90 -2.34 0.00	41.91 -2.00 0.00	41.06 -1.94 0.00	36.34 -1.55 0.00	41.73 -1.85 0.00	47.31 -1.98 0.00	44.50 -1.89 0.00	42.40 -1.78 0.00	37.76 -1.61 0.00	35.84 -1.39 0.00	35.98 -1.16 0.00	35.72 -0.90 0.00
RUSSELL___3 23549	50.09 -1.26 0.00	35.52 -0.90 0.00	37.81 -0.92 0.00	36.44 -0.84 0.00	34.54 -0.84 0.00	36.69 -0.60 0.00	47.01 -1.20 0.00	50.78 -1.90 0.00	53.54 -1.71 0.00	52.64 -1.79 0.00	49.27 -1.91 0.00	46.89 -2.06 0.00	45.90 -2.34 0.00	41.91 -2.00 0.00	41.06 -1.94 0.00	36.34 -1.55 0.00	41.73 -1.85 0.00	47.31 -1.98 0.00	44.50 -1.89 0.00	42.40 -1.78 0.00	37.76 -1.61 0.00	35.84 -1.39 0.00	35.98 -1.16 0.00	35.72 -0.90 0.00
RUSSELL___4 23556	50.09 -1.26 0.00	35.52 -0.90 0.00	37.81 -0.92 0.00	36.44 -0.84 0.00	34.54 -0.84 0.00	36.69 -0.60 0.00	47.01 -1.20 0.00	50.78 -1.90 0.00	53.54 -1.71 0.00	52.64 -1.79 0.00	49.27 -1.91 0.00	46.89 -2.06 0.00	45.90 -2.34 0.00	41.91 -2.00 0.00	41.06 -1.94 0.00	36.34 -1.55 0.00	41.73 -1.85 0.00	47.31 -1.98 0.00	44.50 -1.89 0.00	42.40 -1.78 0.00	37.76 -1.61 0.00	35.84 -1.39 0.00	35.98 -1.16 0.00	35.72 -0.90 0.00
RUSSELL___STATION 23914	50.09 -1.26 0.00	35.52 -0.90 0.00	37.81 -0.92 0.00	36.44 -0.84 0.00	34.54 -0.84 0.00	36.69 -0.60 0.00	47.01 -1.20 0.00	50.78 -1.90 0.00	53.54 -1.71 0.00	52.64 -1.79 0.00	49.27 -1.91 0.00	46.89 -2.06 0.00	45.90 -2.34 0.00	41.91 -2.00 0.00	41.06 -1.94 0.00	36.34 -1.55 0.00	41.73 -1.85 0.00	47.31 -1.98 0.00	44.50 -1.89 0.00	42.40 -1.78 0.00	37.76 -1.61 0.00	35.84 -1.39 0.00	35.98 -1.16 0.00	35.72 -0.90 0.00
S SALMON___HYD 24043	49.45 -1.90 0.00	35.06 -1.37 0.00	37.31 -1.41 0.00	36.11 -1.17 0.00	34.40 -0.98 0.00	36.39 -0.90 0.00	47.10 -1.11 0.00	51.58 -1.10 0.00	54.42 -0.83 0.00	53.74 -0.70 0.00	50.48 -0.69 0.00	47.88 -1.07 0.00	47.26 -0.98 0.00	43.01 -0.90 0.00	42.17 -0.83 0.00	36.97 -0.92 0.00	42.20 -1.37 0.00	47.27 -2.02 0.00	44.73 -1.66 0.00	42.59 -1.60 0.00	37.88 -1.49 0.00	35.93 -1.30 0.00	35.72 -1.42 0.00	35.28 -1.33 0.00
S.PERRY__115KV_TB1 80734	51.19 -0.16 0.00	36.43 0.00 0.00	39.04 0.32 0.00	37.81 0.53 0.00	35.89 0.51 0.00	38.20 0.91 0.00	49.06 0.86 0.00	53.18 0.50 0.00	55.90 0.65 0.00	54.83 0.40 0.00	51.21 0.04 0.00	48.76 -0.18 0.00	47.48 -0.75 0.00	43.40 -0.51 0.00	42.38 -0.62 0.00	37.32 -0.57 0.00	42.57 -1.01 0.00	48.44 -0.85 -0.01	48.19 -0.94 -2.74	43.36 -1.05 -0.21	38.38 -0.99 0.00	36.46 -0.77 0.00	36.50 -0.63 0.00	36.23 -0.38 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	49.62 -1.73 0.00	35.27 -1.16 0.00	37.61 -1.12 0.00	36.28 -1.00 0.00	34.29 -1.09 0.00	36.54 -0.75 0.00	46.29 -1.91 0.00	49.35 -3.32 0.00	52.13 -3.12 0.00	51.26 -3.18 0.00	47.81 -3.36 0.00	45.32 -3.63 0.00	44.13 -4.11 0.00	40.34 -3.56 0.00	39.49 -3.51 0.00	34.94 -2.96 0.00	39.96 -3.61 0.00	45.25 -4.04 0.00	41.66 -3.88 0.85	40.46 -3.67 0.06	36.08 -3.28 0.00	34.41 -2.82 0.00	34.86 -2.28 0.00	34.87 -1.75 0.00

SAWYER___23_KV_LOAD 55526	49.62 -1.73 0.00	35.27 -1.16 0.00	37.61 -1.12 0.00	36.28 -1.00 0.00	34.29 -1.09 0.00	36.54 -0.75 0.00	46.29 -1.91 0.00	49.35 -3.32 0.00	52.13 -3.12 0.00	51.26 -3.18 0.00	47.81 -3.36 0.00	45.32 -3.63 0.00	44.13 -4.11 0.00	40.34 -3.56 0.00	39.49 -3.51 0.00	34.94 -2.96 0.00	39.96 -3.61 0.00	45.25 -4.04 0.00	41.66 -3.88 0.85	40.46 -3.67 0.06	36.08 -3.28 0.00	34.41 -2.82 0.00	34.86 -2.28 0.00	34.87 -1.75 0.00
SELKIRK___I 23801	52.93 1.59 0.00	37.57 1.14 0.00	39.97 1.24 0.00	38.42 1.14 0.00	36.45 1.07 0.00	38.15 0.86 0.00	49.27 1.07 0.00	53.91 1.23 0.00	56.66 1.41 0.00	55.80 1.37 0.00	52.50 1.33 0.00	50.28 1.33 0.00	49.56 1.32 0.00	45.18 1.28 0.00	44.24 1.24 0.00	38.97 1.02 -0.05	44.73 1.15 0.00	50.57 1.28 0.00	47.60 1.21 0.00	45.43 1.24 0.00	40.49 1.12 0.00	38.21 0.98 0.00	38.08 0.94 0.00	37.51 0.90 0.00
SELKIRK___II 23799	52.61 1.26 0.00	37.33 0.90 0.00	39.68 0.96 0.00	38.14 0.86 0.00	36.17 0.79 0.00	37.87 0.58 0.00	48.97 0.77 0.00	53.64 0.96 0.00	56.44 1.19 0.00	55.58 1.14 0.00	52.31 1.14 0.00	50.13 1.19 0.00	49.41 1.17 0.00	45.06 1.15 0.00	44.11 1.11 0.00	38.85 0.90 -0.06	44.57 1.00 0.00	50.41 1.12 0.00	47.47 1.08 0.00	45.29 1.10 0.00	40.35 0.98 0.00	38.05 0.83 0.00	37.92 0.78 0.00	37.35 0.73 0.00
SENECA OSWGO___HYD 24041	49.83 -1.52 0.00	35.30 -1.13 0.00	37.56 -1.16 0.00	36.19 -1.09 0.00	34.34 -1.04 0.00	36.28 -1.01 0.00	46.78 -1.43 0.00	51.09 -1.58 0.00	53.64 -1.61 0.00	52.75 -1.69 0.00	49.43 -1.74 0.00	47.15 -1.79 0.00	46.33 -1.91 0.00	42.16 -1.74 0.00	41.29 -1.72 0.00	36.38 -1.51 0.00	41.76 -1.81 0.00	47.27 -2.02 0.00	44.55 -1.85 0.00	42.48 -1.71 0.00	38.03 -1.34 0.00	36.10 -1.13 0.00	36.02 -1.12 0.00	35.58 -1.03 0.00
SENECA___115KV_TB3 355854	50.57 -0.78 0.00	35.92 -0.51 0.00	38.33 -0.39 0.00	36.98 -0.30 0.00	34.97 -0.41 0.00	37.24 -0.05 0.00	47.23 -0.97 0.00	50.53 -2.15 0.00	53.33 -1.92 0.00	52.44 -2.00 0.00	48.88 -2.29 0.00	46.36 -2.58 0.00	45.11 -3.12 0.00	41.24 -2.66 0.00	40.37 -2.64 0.00	35.65 -2.24 0.00	40.75 -2.83 0.00	46.17 -3.11 0.00	42.47 -3.04 0.88	41.23 -2.89 0.07	36.77 -2.59 0.00	35.07 -2.15 0.00	35.46 -1.67 0.00	35.42 -1.20 0.00
SENECA___ENERGY 23797	50.45 -0.90 0.00	35.74 -0.68 0.00	38.16 -0.57 0.00	36.84 -0.43 0.00	34.90 -0.48 0.00	36.97 -0.32 0.00	47.61 -0.60 0.00	51.79 -0.88 0.00	54.38 -0.87 0.00	53.50 -0.94 0.00	50.12 -1.05 0.00	47.85 -1.10 0.00	46.86 -1.37 0.00	42.69 -1.22 0.00	41.79 -1.21 0.00	36.91 -0.99 0.00	42.20 -1.38 0.00	47.87 -1.42 0.00	45.25 -1.33 -0.18	42.96 -1.25 -0.01	38.36 -1.00 0.00	36.36 -0.87 0.00	36.31 -0.83 0.00	35.95 -0.67 0.00
SHOEMAKER___GT 23640	52.81 1.46 0.00	37.36 0.94 0.00	39.59 0.86 0.00	38.03 0.75 0.00	36.16 0.78 0.00	38.21 0.91 0.00	49.64 1.44 0.00	54.56 1.88 0.00	57.50 2.25 0.00	56.62 2.18 0.00	53.29 2.12 0.00	51.19 2.25 0.00	50.50 2.26 0.00	46.03 2.12 0.00	45.10 2.10 0.00	39.38 1.84 0.34	45.57 2.00 0.00	51.67 2.39 0.00	48.71 2.32 0.00	46.25 2.07 0.00	41.07 1.70 0.00	38.72 1.49 0.00	38.62 1.49 0.00	38.09 1.47 0.00
SHOEMAKR_138KV_BK 111 55601	52.79 1.44 0.00	37.36 0.93 0.00	39.58 0.86 0.00	38.02 0.74 0.00	36.15 0.77 0.00	38.20 0.90 0.00	49.64 1.44 0.00	54.55 1.88 0.00	57.49 2.24 0.00	56.61 2.17 0.00	53.28 2.12 0.00	51.19 2.24 0.00	50.50 2.26 0.00	46.03 2.12 0.00	45.09 2.09 0.00	39.39 1.83 0.34	45.57 2.00 0.00	51.67 2.39 0.00	48.71 2.32 0.00	46.25 2.07 0.00	41.07 1.70 0.00	38.72 1.49 0.00	38.62 1.48 0.00	38.09 1.48 0.00
SHOREHAM_IC_1 23715	54.19 2.84 0.00	38.12 1.69 0.00	40.19 1.47 0.00	38.52 1.25 0.00	36.51 1.13 0.00	38.87 1.57 0.00	50.70 2.50 0.00	55.56 2.89 0.00	58.86 3.61 0.00	58.20 3.76 0.00	55.14 3.97 0.00	53.58 4.64 0.00	52.92 4.69 0.00	48.61 4.71 0.00	47.34 4.34 0.00	42.45 4.31 -0.26	48.23 4.65 0.00	54.67 5.39 0.00	51.76 5.37 0.00	48.94 4.75 0.00	43.10 3.73 0.00	40.32 3.10 0.00	40.26 3.12 0.00	39.60 2.98 0.00
SHOREHAM_IC_2 23716	54.19 2.84 0.00	38.12 1.69 0.00	40.19 1.47 0.00	38.52 1.25 0.00	36.51 1.13 0.00	38.87 1.57 0.00	50.70 2.50 0.00	55.56 2.89 0.00	58.86 3.61 0.00	58.20 3.76 0.00	55.14 3.97 0.00	53.58 4.64 0.00	52.92 4.69 0.00	48.61 4.71 0.00	47.34 4.34 0.00	42.45 4.31 -0.26	48.23 4.65 0.00	54.67 5.39 0.00	51.76 5.37 0.00	48.94 4.75 0.00	43.10 3.73 0.00	40.32 3.10 0.00	40.26 3.12 0.00	39.60 2.98 0.00
SISSONVILLE____ 23735	49.48 -1.88 0.00	35.26 -1.16 0.00	37.37 -1.35 0.00	36.27 -1.00 0.00	34.03 -1.35 0.00	35.19 -2.11 0.00	45.82 -2.38 0.00	50.63 -2.05 0.00	54.45 -0.80 0.00	53.65 -0.78 0.00	51.16 0.00 0.00	48.87 -0.08 0.00	47.97 -0.27 0.00	43.47 -0.44 0.00	42.58 -0.43 0.00	36.63 -1.26 0.00	41.28 -2.30 0.00	45.63 -3.66 0.00	42.99 -3.40 0.00	40.72 -3.46 0.00	35.58 -3.79 0.00	33.52 -3.71 0.00	33.77 -3.37 0.00	35.36 -2.31 -1.06
SITHE_IND_GS1 24169	49.33 -2.02 0.00	34.98 -1.45 0.00	37.21 -1.51 0.00	35.85 -1.43 0.00	34.01 -1.37 0.00	35.90 -1.40 0.00	46.29 -1.91 0.00	50.54 -2.14 0.00	53.07 -2.18 0.00	52.24 -2.20 0.00	49.00 -2.16 0.00	46.77 -2.17 0.00	45.99 -2.25 0.00	41.87 -2.03 0.00	41.00 -2.00 0.00	36.13 -1.76 0.00	41.49 -2.09 0.00	46.95 -2.33 0.00	44.22 -2.17 0.00	42.16 -2.03 0.00	37.65 -1.72 0.00	35.70 -1.53 0.00	35.62 -1.52 0.00	35.20 -1.41 0.00
SITHE_IND_GS2 24170	49.33 -2.02 0.00	34.98 -1.45 0.00	37.21 -1.51 0.00	35.85 -1.43 0.00	34.01 -1.37 0.00	35.90 -1.40 0.00	46.29 -1.91 0.00	50.54 -2.14 0.00	53.07 -2.18 0.00	52.24 -2.20 0.00	49.00 -2.16 0.00	46.77 -2.17 0.00	45.99 -2.25 0.00	41.87 -2.03 0.00	41.00 -2.00 0.00	36.13 -1.76 0.00	41.49 -2.09 0.00	46.95 -2.33 0.00	44.22 -2.17 0.00	42.16 -2.03 0.00	37.65 -1.72 0.00	35.70 -1.53 0.00	35.62 -1.52 0.00	35.20 -1.41 0.00
SITHE_IND_GS3 24171	49.33 -2.02 0.00	34.98 -1.45 0.00	37.21 -1.51 0.00	35.85 -1.43 0.00	34.01 -1.37 0.00	35.90 -1.40 0.00	46.29 -1.91 0.00	50.54 -2.14 0.00	53.07 -2.18 0.00	52.24 -2.20 0.00	49.00 -2.16 0.00	46.77 -2.17 0.00	45.99 -2.25 0.00	41.87 -2.03 0.00	41.00 -2.00 0.00	36.13 -1.76 0.00	41.49 -2.09 0.00	46.95 -2.33 0.00	44.22 -2.17 0.00	42.16 -2.03 0.00	37.65 -1.72 0.00	35.70 -1.53 0.00	35.62 -1.52 0.00	35.20 -1.41 0.00
SITHE_IND_GS4 24172	49.33 -2.02 0.00	34.98 -1.45 0.00	37.21 -1.51 0.00	35.85 -1.43 0.00	34.01 -1.37 0.00	35.90 -1.40 0.00	46.29 -1.91 0.00	50.54 -2.14 0.00	53.07 -2.18 0.00	52.24 -2.20 0.00	49.00 -2.16 0.00	46.77 -2.17 0.00	45.99 -2.25 0.00	41.87 -2.03 0.00	41.00 -2.00 0.00	36.13 -1.76 0.00	41.49 -2.09 0.00	46.95 -2.33 0.00	44.22 -2.17 0.00	42.16 -2.03 0.00	37.65 -1.72 0.00	35.70 -1.53 0.00	35.62 -1.52 0.00	35.20 -1.41 0.00

SITHE___BATAVIA 24024	50.89 -0.46 0.00	36.10 -0.32 0.00	38.45 -0.27 0.00	37.09 -0.19 0.00	35.13 -0.25 0.00	37.46 0.16 0.00	47.80 -0.40 0.00	51.31 -1.37 0.00	54.17 -1.08 0.00	53.29 -1.15 0.00	49.70 -1.47 0.00	47.20 -1.75 0.00	46.07 -2.17 0.00	42.12 -1.79 0.00	41.25 -1.76 0.00	36.51 -1.38 0.00	41.80 -1.77 0.00	47.40 -1.89 0.00	44.13 -1.82 0.44	42.42 -1.74 0.03	37.73 -1.63 0.00	35.88 -1.35 0.00	36.17 -0.97 0.00	36.05 -0.56 0.00
SITHE___INDEPEND 23800	49.33 -2.02 0.00	34.98 -1.45 0.00	37.21 -1.51 0.00	35.85 -1.43 0.00	34.01 -1.37 0.00	35.90 -1.40 0.00	46.29 -1.91 0.00	50.54 -2.14 0.00	53.07 -2.17 0.00	52.24 -2.20 0.00	49.00 -2.17 0.00	46.78 -2.17 0.00	45.99 -2.25 0.00	41.87 -2.04 0.00	41.00 -2.00 0.00	36.13 -1.76 0.00	41.49 -2.09 0.00	46.95 -2.34 0.00	44.22 -2.17 0.00	42.16 -2.03 0.00	37.65 -1.71 0.00	35.70 -1.52 0.00	35.62 -1.52 0.00	35.20 -1.41 0.00
SITHE___MASSENA 23902	51.73 0.37 0.00	36.78 0.36 0.00	39.06 0.34 0.00	37.63 0.35 0.00	35.69 0.31 0.00	37.68 0.39 0.00	48.82 0.62 0.00	53.17 0.49 0.00	55.51 0.27 0.00	54.76 0.33 0.00	51.53 0.36 0.00	49.28 0.34 0.00	48.73 0.50 0.00	44.22 0.32 0.00	43.34 0.33 0.00	38.22 0.33 0.00	44.13 0.55 0.00	49.76 0.47 0.00	46.68 0.30 0.00	44.43 0.24 0.00	39.53 0.16 0.00	37.37 0.15 0.00	37.34 0.20 0.00	36.72 0.10 0.00
SITHE___OGDNSBRG 24021	51.22 -0.13 0.00	36.53 0.10 0.00	38.70 -0.02 0.00	37.56 0.28 0.00	35.21 -0.17 0.00	36.49 -0.80 0.00	47.67 -0.53 0.00	52.76 0.08 0.00	56.64 1.39 0.00	55.82 1.38 0.00	53.13 1.96 0.00	50.70 1.76 0.00	49.76 1.53 0.00	45.08 1.17 0.00	44.20 1.19 0.00	38.05 0.16 0.00	43.05 -0.53 0.00	47.74 -1.55 0.00	44.98 -1.41 0.00	42.61 -1.58 0.00	37.20 -2.17 0.00	34.98 -2.24 0.00	35.13 -2.01 0.00	36.66 -1.01 -1.06
SITHE___STERLING 23777	52.07 0.72 0.00	36.95 0.52 0.00	39.34 0.62 0.00	37.96 0.68 0.00	36.13 0.75 0.00	38.21 0.92 0.00	49.51 1.31 0.00	54.28 1.60 0.00	57.15 1.90 0.00	56.38 1.95 0.00	52.93 1.77 0.00	50.54 1.60 0.00	49.77 1.54 0.00	45.36 1.45 0.00	44.45 1.44 0.00	39.03 1.14 0.00	44.67 1.10 0.00	50.37 1.09 0.00	47.57 1.18 0.00	45.17 0.98 0.00	40.11 0.74 0.00	37.91 0.68 0.00	37.71 0.57 0.00	37.15 0.54 0.00
SLEIGHT__34_KV_TB1 80719	50.06 -1.29 0.00	35.47 -0.96 0.00	37.77 -0.96 0.00	36.41 -0.87 0.00	34.49 -0.89 0.00	36.61 -0.68 0.00	47.08 -1.12 0.00	51.09 -1.59 0.00	53.79 -1.46 0.00	52.88 -1.56 0.00	49.52 -1.65 0.00	47.20 -1.75 0.00	46.27 -1.97 0.00	42.20 -1.71 0.00	41.33 -1.68 0.00	36.50 -1.39 0.00	41.91 -1.67 0.00	47.50 -1.79 0.00	44.69 -1.70 0.00	42.62 -1.56 0.00	37.99 -1.38 0.00	36.03 -1.20 0.00	36.07 -1.07 0.00	35.71 -0.90 0.00
SOUTH CAIRO___GT 23612	54.82 3.47 0.00	38.86 2.44 0.00	41.33 2.61 0.00	39.73 2.45 0.00	37.70 2.32 0.00	39.49 2.19 0.00	51.24 3.04 0.00	56.28 3.61 0.00	59.26 4.01 0.00	58.28 3.84 0.00	54.82 3.65 0.00	52.43 3.49 0.00	51.65 3.42 0.00	47.09 3.19 0.00	46.13 3.13 0.00	40.63 2.71 -0.03	46.79 3.21 0.00	52.89 3.61 0.00	49.79 3.40 0.00	47.43 3.24 0.00	42.22 2.85 0.00	39.77 2.54 0.00	39.50 2.36 0.00	38.79 2.18 0.00
SOUTH HAMPTN___IC 23720	53.93 2.59 0.00	37.93 1.50 0.00	39.97 1.25 0.00	38.32 1.04 0.00	36.32 0.94 0.00	38.70 1.41 0.00	50.52 2.32 0.00	55.40 2.73 0.00	58.71 3.46 0.00	58.07 3.64 0.00	55.03 3.86 0.00	53.87 4.93 0.00	53.31 5.07 0.00	49.05 5.15 0.00	47.79 4.79 0.00	42.82 4.67 -0.26	48.66 5.08 0.00	55.14 5.86 0.00	52.21 5.82 0.00	49.30 5.11 0.00	43.22 3.85 0.00	40.29 3.07 0.00	40.07 2.94 0.00	39.39 2.78 0.00
SOUTHDOW_115KV_TB1 355954	52.22 0.87 0.00	36.93 0.51 0.00	39.35 0.63 0.00	37.96 0.68 0.00	35.93 0.55 0.00	38.35 1.06 0.00	48.71 0.51 0.00	52.44 -0.24 0.00	55.38 0.14 0.00	54.49 0.06 0.00	50.58 -0.60 0.00	47.70 -1.25 0.00	46.46 -1.78 0.00	42.53 -1.38 0.00	41.61 -1.40 0.00	36.50 -1.39 0.00	41.82 -1.76 0.00	47.32 -1.97 0.00	44.01 -1.86 0.52	42.19 -1.96 0.04	37.59 -1.77 0.00	35.82 -1.41 0.00	36.20 -0.94 0.00	35.86 -0.75 0.00
SOUTHOLD_69_KV_BK 2 55809	53.29 1.95 0.00	37.44 1.01 0.00	39.43 0.71 0.00	37.79 0.52 0.00	35.83 0.44 0.00	38.25 0.95 0.00	50.00 1.80 0.00	54.90 2.22 0.00	58.24 3.00 0.00	57.68 3.24 0.00	54.61 3.44 0.00	54.27 5.32 0.00	53.91 5.67 0.00	49.77 5.86 0.00	48.49 5.49 0.00	43.43 5.28 -0.26	49.41 5.84 0.00	55.98 6.69 0.00	52.99 6.61 0.00	49.90 5.71 0.00	43.37 4.00 0.00	40.17 2.95 0.00	39.62 2.48 0.00	38.89 2.28 0.00
SOUTHOLD___IC 23719	53.29 1.95 0.00	37.44 1.01 0.00	39.43 0.71 0.00	37.79 0.52 0.00	35.82 0.45 0.00	38.25 0.95 0.00	50.00 1.80 0.00	54.91 2.23 0.00	58.24 2.99 0.00	57.68 3.24 0.00	54.61 3.44 0.00	54.28 5.33 0.00	53.90 5.67 0.00	49.76 5.86 0.00	48.49 5.49 0.00	43.42 5.28 -0.26	49.41 5.83 0.00	55.98 6.70 0.00	52.99 6.61 0.00	49.90 5.71 0.00	43.36 4.00 0.00	40.17 2.95 0.00	39.62 2.48 0.00	38.89 2.28 0.00
SOUTH_FORK_WT_PWR 323839	52.40 1.05 0.00	36.79 0.36 0.00	38.73 0.01 0.00	37.12 -0.16 0.00	35.18 -0.20 0.00	37.60 0.31 0.00	49.18 0.99 0.00	54.05 1.38 0.00	57.36 2.11 0.00	56.82 2.39 0.00	53.81 2.64 0.00	54.09 5.14 0.00	53.87 5.63 0.00	49.87 5.96 0.00	48.56 5.56 0.00	43.50 5.35 -0.26	49.50 5.92 0.00	56.08 6.79 0.00	53.09 6.70 0.00	49.90 5.71 0.00	43.10 3.73 0.00	39.75 2.52 0.00	38.97 1.83 0.00	38.25 1.64 0.00
SPIERFLS_115KV_TB 1 80737	55.53 4.18 0.00	39.26 2.84 0.00	41.70 2.98 0.00	40.12 2.84 0.00	38.07 2.69 0.00	40.11 2.82 0.00	51.66 3.46 0.00	56.90 4.22 0.00	59.98 4.73 0.00	59.06 4.62 0.00	55.47 4.30 0.00	53.15 4.20 0.00	52.38 4.14 0.00	47.75 3.85 0.00	46.72 3.71 0.00	41.13 3.19 -0.05	47.35 3.78 0.00	53.56 4.27 0.00	50.38 3.99 0.00	48.11 3.92 0.00	42.76 3.39 0.00	40.37 3.14 0.00	40.08 2.94 0.00	39.25 2.64 0.00
ST LAWRENCE____ 23600	51.22 -0.13 0.00	36.43 0.00 0.00	38.68 -0.05 0.00	37.25 -0.03 0.00	35.33 -0.05 0.00	37.31 0.02 0.00	48.34 0.14 0.00	52.66 -0.02 0.00	54.97 -0.28 0.00	54.24 -0.20 0.00	51.05 -0.12 0.00	48.82 -0.13 0.00	48.27 0.03 0.00	43.80 -0.10 0.00	42.94 -0.07 0.00	37.86 -0.03 0.00	43.72 0.14 0.00	49.32 0.04 0.00	46.28 -0.11 0.00	44.03 -0.16 0.00	39.20 -0.17 0.00	37.06 -0.16 0.00	37.00 -0.14 0.00	36.40 -0.21 0.00
STATE_CA_115KV_115_LB 55624	52.82 1.47 0.00	37.48 1.06 0.00	39.83 1.11 0.00	38.28 1.00 0.00	36.30 0.92 0.00	37.93 0.64 0.00	49.09 0.89 0.00	53.79 1.12 0.00	56.60 1.36 0.00	55.76 1.32 0.00	52.50 1.33 0.00	50.33 1.38 0.00	49.60 1.37 0.00	45.23 1.32 0.00	44.27 1.27 0.00	39.00 1.05 -0.06	44.75 1.17 0.00	50.60 1.31 0.00	47.63 1.25 0.00	45.46 1.27 0.00	40.49 1.12 0.00	38.17 0.94 0.00	38.01 0.87 0.00	37.40 0.79 0.00

STATE_ST_34_KV_LOAD 55959	51.27 -0.07 0.00	36.28 -0.15 0.00	38.63 -0.10 0.00	37.23 -0.04 0.00	35.21 -0.17 0.00	37.24 -0.05 0.00	47.98 -0.22 0.00	52.33 -0.35 0.00	54.97 -0.27 0.00	54.08 -0.36 0.00	50.66 -0.51 0.00	48.40 -0.54 0.00	47.48 -0.76 0.00	43.25 -0.66 0.00	42.35 -0.66 0.00	37.38 -0.51 0.00	42.84 -0.74 0.00	48.59 -0.70 0.00	45.81 -0.58 0.00	43.81 -0.38 0.00	39.10 -0.26 0.00	37.10 -0.13 0.00	37.01 -0.14 0.00	36.56 -0.05 0.00
STATION 5_MISC_HYD 23604	49.87 -1.48 0.00	35.38 -1.04 0.00	37.66 -1.06 0.00	36.30 -0.98 0.00	34.40 -0.98 0.00	36.54 -0.75 0.00	46.79 -1.41 0.00	50.52 -2.15 0.00	53.26 -1.98 0.00	52.39 -2.05 0.00	49.02 -2.15 0.00	46.66 -2.29 0.00	45.67 -2.57 0.00	41.69 -2.22 0.00	40.83 -2.18 0.00	36.12 -1.77 0.00	41.45 -2.13 0.00	46.97 -2.31 0.00	44.19 -2.20 0.00	42.11 -2.08 0.00	37.51 -1.86 0.00	35.61 -1.62 0.00	35.76 -1.39 0.00	35.52 -1.09 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	50.47 -0.88 0.00	35.77 -0.66 0.00	38.13 -0.60 0.00	36.77 -0.50 0.00	34.86 -0.52 0.00	37.03 -0.26 0.00	47.59 -0.62 0.00	51.62 -1.06 0.00	54.31 -0.94 0.00	53.41 -1.03 0.00	50.01 -1.16 0.00	47.67 -1.28 0.00	46.70 -1.54 0.00	42.59 -1.32 0.00	41.72 -1.28 0.00	36.89 -1.01 0.00	42.25 -1.33 0.00	47.93 -1.36 0.00	45.09 -1.30 0.00	42.96 -1.22 0.00	38.29 -1.08 0.00	36.32 -0.91 0.00	36.36 -0.78 0.00	36.03 -0.59 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	49.64 -1.71 0.00	35.21 -1.22 0.00	37.48 -1.24 0.00	36.12 -1.15 0.00	34.24 -1.14 0.00	36.37 -0.92 0.00	46.62 -1.59 0.00	50.37 -2.30 0.00	53.10 -2.15 0.00	52.22 -2.21 0.00	48.89 -2.28 0.00	46.52 -2.42 0.00	45.56 -2.68 0.00	41.59 -2.31 0.00	40.73 -2.27 0.00	36.01 -1.88 0.00	41.33 -2.25 0.00	46.84 -2.44 0.00	44.05 -2.35 0.00	41.98 -2.21 0.00	37.41 -1.96 0.00	35.49 -1.74 0.00	35.63 -1.51 0.00	35.36 -1.25 0.00
STA_56___34_KV_BUS2 355983	49.64 -1.71 0.00	35.21 -1.22 0.00	37.48 -1.24 0.00	36.12 -1.15 0.00	34.24 -1.14 0.00	36.37 -0.92 0.00	46.62 -1.59 0.00	50.37 -2.30 0.00	53.10 -2.15 0.00	52.22 -2.21 0.00	48.89 -2.28 0.00	46.52 -2.42 0.00	45.56 -2.68 0.00	41.59 -2.31 0.00	40.73 -2.27 0.00	36.01 -1.88 0.00	41.33 -2.25 0.00	46.84 -2.44 0.00	44.05 -2.35 0.00	41.98 -2.21 0.00	37.41 -1.96 0.00	35.49 -1.74 0.00	35.63 -1.51 0.00	35.36 -1.25 0.00
STA_67___115KV_BK2 355882	49.78 -1.57 0.00	35.31 -1.12 0.00	37.59 -1.13 0.00	36.22 -1.05 0.00	34.33 -1.05 0.00	36.47 -0.82 0.00	46.69 -1.51 0.00	50.40 -2.28 0.00	53.14 -2.10 0.00	52.26 -2.18 0.00	48.90 -2.27 0.00	46.53 -2.42 0.00	45.56 -2.68 0.00	41.58 -2.33 0.00	40.72 -2.29 0.00	36.01 -1.88 0.00	41.32 -2.26 0.00	46.83 -2.45 0.00	44.05 -2.35 0.00	41.97 -2.22 0.00	37.40 -1.97 0.00	35.50 -1.73 0.00	35.67 -1.47 0.00	35.42 -1.19 0.00
STA_7___115KV_9TRANS 80674	50.09 -1.26 0.00	35.52 -0.90 0.00	37.81 -0.92 0.00	36.44 -0.84 0.00	34.54 -0.84 0.00	36.69 -0.60 0.00	47.01 -1.20 0.00	50.78 -1.90 0.00	53.54 -1.71 0.00	52.64 -1.79 0.00	49.27 -1.91 0.00	46.89 -2.06 0.00	45.90 -2.34 0.00	41.91 -2.00 0.00	41.06 -1.94 0.00	36.34 -1.55 0.00	41.73 -1.85 0.00	47.31 -1.98 0.00	44.50 -1.89 0.00	42.40 -1.78 0.00	37.76 -1.61 0.00	35.84 -1.39 0.00	35.98 -1.16 0.00	35.72 -0.90 0.00
STA_82___115KV_TB1 80780	49.80 -1.55 0.00	35.32 -1.11 0.00	37.60 -1.12 0.00	36.24 -1.04 0.00	34.35 -1.03 0.00	36.50 -0.80 0.00	46.73 -1.47 0.00	50.43 -2.25 0.00	53.16 -2.09 0.00	52.29 -2.14 0.00	48.92 -2.25 0.00	46.55 -2.39 0.00	45.57 -2.67 0.00	41.60 -2.30 0.00	40.74 -2.26 0.00	36.03 -1.86 0.00	41.34 -2.24 0.00	46.86 -2.43 0.00	44.07 -2.33 0.00	41.99 -2.20 0.00	37.42 -1.95 0.00	35.52 -1.71 0.00	35.68 -1.46 0.00	35.44 -1.18 0.00
STEEL___WIND 323596	50.49 -0.86 0.00	35.90 -0.52 0.00	38.30 -0.42 0.00	36.95 -0.33 0.00	34.94 -0.44 0.00	37.18 -0.11 0.00	47.17 -1.03 0.00	50.46 -2.22 0.00	53.25 -2.00 0.00	52.33 -2.11 0.00	48.82 -2.35 0.00	46.30 -2.65 0.00	45.04 -3.20 0.00	41.16 -2.74 0.00	40.29 -2.71 0.00	35.57 -2.32 0.00	40.65 -2.93 0.00	46.06 -3.21 0.00	42.37 -3.14 0.88	41.17 -2.95 0.07	36.70 -2.67 0.00	35.03 -2.20 0.00	35.38 -1.76 0.00	35.36 -1.25 0.00
STEPHTWN_115KV_BK_2 55603	53.26 1.92 0.00	37.72 1.29 0.00	40.10 1.38 0.00	38.54 1.27 0.00	36.52 1.14 0.00	38.18 0.89 0.00	49.62 1.42 0.00	54.36 1.69 0.00	57.15 1.90 0.00	56.19 1.75 0.00	53.03 1.87 0.00	50.73 1.79 0.00	50.10 1.86 0.00	45.70 1.79 0.00	44.62 1.61 0.00	39.29 1.35 -0.06	45.18 1.61 0.00	51.24 1.96 0.00	48.25 1.86 0.00	45.98 1.79 0.00	41.00 1.63 0.00	38.51 1.29 0.00	38.37 1.23 0.00	37.69 1.07 0.00
STEUBEN_REC_LFGE 323667	49.48 -1.88 0.00	35.44 -0.99 0.00	38.45 -0.27 0.00	37.58 0.30 0.00	35.77 0.39 0.00	37.99 0.70 0.00	48.66 0.47 0.00	52.58 -0.10 0.00	55.18 -0.07 0.00	54.09 -0.35 0.00	50.55 -0.62 0.00	48.18 -0.77 0.00	46.43 -1.81 0.00	42.33 -1.58 0.00	41.10 -1.90 0.00	35.99 -1.91 0.00	40.44 -3.14 0.00	46.09 -3.20 -0.01	44.84 -3.42 -1.87	40.72 -3.62 -0.15	36.16 -3.21 0.00	34.44 -2.79 0.00	34.48 -2.66 0.00	34.30 -2.31 0.00
STILLWATER___SOLAR 323814	54.77 3.42 0.00	38.78 2.36 0.00	41.22 2.49 0.00	39.63 2.35 0.00	37.61 2.23 0.00	39.58 2.29 0.00	51.17 2.97 0.00	56.12 3.45 0.00	59.10 3.85 0.00	58.22 3.78 0.00	54.73 3.56 0.00	52.45 3.51 0.00	51.66 3.43 0.00	47.14 3.23 0.00	46.10 3.10 0.00	40.56 2.62 -0.06	46.64 3.07 0.00	52.77 3.49 0.00	49.69 3.30 0.00	47.38 3.20 0.00	42.18 2.82 0.00	39.82 2.59 0.00	39.59 2.45 0.00	38.85 2.24 0.00
STONY___BROOK 24151	54.26 2.91 0.00	38.19 1.76 0.00	40.27 1.55 0.00	38.62 1.34 0.00	36.59 1.21 0.00	38.94 1.64 0.00	50.76 2.55 0.00	55.68 3.00 0.00	58.96 3.71 0.00	58.28 3.84 0.00	55.20 4.03 0.00	53.42 4.48 0.00	52.71 4.47 0.00	48.37 4.47 0.00	47.34 4.33 0.00	42.22 4.07 -0.26	47.94 4.36 0.00	54.35 5.07 0.00	51.45 5.06 0.00	48.70 4.51 0.00	42.98 3.61 0.00	40.26 3.03 0.00	40.25 3.11 0.00	39.63 3.01 0.00
STURGEON_POOL_HYD 23609	54.49 3.14 0.00	38.48 2.05 0.00	40.69 1.97 0.00	39.03 1.75 0.00	37.10 1.73 0.00	39.34 2.05 0.00	51.33 3.13 0.00	56.62 3.94 0.00	59.82 4.57 0.00	58.90 4.47 0.00	55.51 4.34 0.00	53.45 4.50 0.00	52.71 4.47 0.00	48.05 4.14 0.00	47.08 4.07 0.00	41.49 3.62 0.03	47.66 4.08 0.00	54.02 4.73 0.00	50.93 4.54 0.00	48.29 4.10 0.00	42.79 3.42 0.00	40.28 3.06 0.00	40.14 3.00 0.00	39.52 2.91 0.00
ST_LAW_115_BK7_LBMP 345037	51.21 -0.14 0.00	36.43 0.00 0.00	38.68 -0.05 0.00	37.26 -0.02 0.00	35.33 -0.05 0.00	37.31 0.02 0.00	48.34 0.14 0.00	52.66 -0.02 0.00	54.97 -0.28 0.00	54.24 -0.20 0.00	51.05 -0.12 0.00	48.81 -0.13 0.00	48.27 0.04 0.00	43.80 -0.10 0.00	42.94 -0.07 0.00	37.86 -0.03 0.00	43.71 0.14 0.00	49.32 0.03 0.00	46.26 -0.12 0.00	44.03 -0.16 0.00	39.19 -0.18 0.00	37.04 -0.18 0.00	37.00 -0.14 0.00	36.40 -0.21 0.00

ST_LAW_115_BK8_LBMP 345038	51.21 -0.14 0.00	36.43 0.00 0.00	38.68 -0.05 0.00	37.26 -0.02 0.00	35.33 -0.05 0.00	37.31 0.02 0.00	48.34 0.14 0.00	52.66 -0.02 0.00	54.97 -0.28 0.00	54.24 -0.20 0.00	51.05 -0.12 0.00	48.81 -0.13 0.00	48.27 0.04 0.00	43.80 -0.10 0.00	42.94 -0.07 0.00	37.86 -0.03 0.00	43.71 0.14 0.00	49.32 0.03 0.00	46.26 -0.12 0.00	44.03 -0.16 0.00	39.19 -0.18 0.00	37.04 -0.18 0.00	37.00 -0.14 0.00	36.40 -0.21 0.00
ST_LAW_230_BK5_LBMP 345035	51.22 -0.13 0.00	36.43 0.00 0.00	38.68 -0.05 0.00	37.25 -0.03 0.00	35.33 -0.05 0.00	37.31 0.02 0.00	48.34 0.14 0.00	52.66 -0.02 0.00	54.97 -0.28 0.00	54.24 -0.20 0.00	51.05 -0.12 0.00	48.82 -0.13 0.00	48.27 0.03 0.00	43.80 -0.10 0.00	42.94 -0.07 0.00	37.86 -0.03 0.00	43.72 0.14 0.00	49.32 0.04 0.00	46.28 -0.11 0.00	44.03 -0.16 0.00	39.20 -0.17 0.00	37.06 -0.16 0.00	37.00 -0.14 0.00	36.40 -0.21 0.00
ST_LAW_230_BK6_LBMP 345036	51.22 -0.13 0.00	36.43 0.00 0.00	38.68 -0.05 0.00	37.25 -0.03 0.00	35.33 -0.05 0.00	37.31 0.02 0.00	48.34 0.14 0.00	52.66 -0.02 0.00	54.97 -0.28 0.00	54.24 -0.20 0.00	51.05 -0.12 0.00	48.82 -0.13 0.00	48.27 0.03 0.00	43.80 -0.10 0.00	42.94 -0.07 0.00	37.86 -0.03 0.00	43.72 0.14 0.00	49.32 0.04 0.00	46.28 -0.11 0.00	44.03 -0.16 0.00	39.20 -0.17 0.00	37.06 -0.16 0.00	37.00 -0.14 0.00	36.40 -0.21 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	52.98 1.62 0.00	37.48 1.05 0.00	39.66 0.94 0.00	38.09 0.82 0.00	36.24 0.86 0.00	38.31 1.01 0.00	49.84 1.64 0.00	54.78 2.11 0.00	57.76 2.52 0.00	56.85 2.41 0.00	53.54 2.37 0.00	51.48 2.53 0.00	50.80 2.56 0.00	46.28 2.37 0.00	45.34 2.34 0.00	39.59 2.06 0.36	45.83 2.25 0.00	51.98 2.69 0.00	49.00 2.61 0.00	46.52 2.33 0.00	41.29 1.92 0.00	38.90 1.68 0.00	38.82 1.68 0.00	38.29 1.68 0.00
SWANROAD_115KV_TB1 355699	48.63 -2.72 0.00	34.58 -1.84 0.00	36.87 -1.85 0.00	35.56 -1.72 0.00	33.60 -1.78 0.00	35.84 -1.46 0.00	45.29 -2.91 0.00	48.09 -4.59 0.00	50.81 -4.44 0.00	49.97 -4.46 0.00	46.58 -4.59 0.00	44.16 -4.78 0.00	42.99 -5.24 0.00	39.31 -4.60 0.00	38.49 -4.52 0.00	34.10 -3.79 0.00	39.02 -4.56 0.00	43.96 -5.32 0.00	40.64 -5.06 0.69	39.33 -4.80 0.05	35.06 -4.31 0.00	33.46 -3.77 0.00	34.03 -3.11 0.00	34.10 -2.52 0.00
SYNERGY___BIOGAS 323694	50.89 -0.46 0.00	36.10 -0.32 0.00	38.45 -0.27 0.00	37.09 -0.19 0.00	35.13 -0.25 0.00	37.46 0.16 0.00	47.80 -0.40 0.00	51.31 -1.37 0.00	54.17 -1.08 0.00	53.29 -1.15 0.00	49.70 -1.47 0.00	47.20 -1.75 0.00	46.07 -2.17 0.00	42.12 -1.79 0.00	41.25 -1.76 0.00	36.51 -1.38 0.00	41.80 -1.77 0.00	47.40 -1.89 0.00	44.13 -1.82 0.44	42.42 -1.74 0.03	37.73 -1.63 0.00	35.88 -1.35 0.00	36.17 -0.97 0.00	36.05 -0.56 0.00
SYRACUSE___ENERGY_ST1 323597	50.76 -0.60 0.00	35.92 -0.50 0.00	38.24 -0.49 0.00	36.84 -0.44 0.00	34.94 -0.44 0.00	36.92 -0.37 0.00	47.62 -0.58 0.00	52.01 -0.67 0.00	54.62 -0.63 0.00	53.73 -0.70 0.00	50.37 -0.80 0.00	48.09 -0.86 0.00	47.23 -1.01 0.00	43.01 -0.90 0.00	42.11 -0.89 0.00	37.11 -0.78 0.00	42.59 -0.99 0.00	48.26 -1.03 0.00	45.47 -0.91 0.00	43.38 -0.81 0.00	38.77 -0.60 0.00	36.79 -0.44 0.00	36.68 -0.46 0.00	36.22 -0.39 0.00
SYRACUSE___ENERGY_ST2 323598	50.76 -0.60 0.00	35.92 -0.50 0.00	38.24 -0.49 0.00	36.84 -0.44 0.00	34.94 -0.44 0.00	36.92 -0.37 0.00	47.62 -0.58 0.00	52.01 -0.67 0.00	54.62 -0.63 0.00	53.73 -0.70 0.00	50.37 -0.80 0.00	48.09 -0.86 0.00	47.23 -1.01 0.00	43.01 -0.90 0.00	42.11 -0.89 0.00	37.11 -0.78 0.00	42.59 -0.99 0.00	48.26 -1.03 0.00	45.47 -0.91 0.00	43.38 -0.81 0.00	38.77 -0.60 0.00	36.79 -0.44 0.00	36.68 -0.46 0.00	36.22 -0.39 0.00
SYRACUSE___POWER 24017	50.73 -0.62 0.00	35.91 -0.52 0.00	38.21 -0.52 0.00	36.82 -0.45 0.00	34.94 -0.44 0.00	36.92 -0.37 0.00	47.63 -0.57 0.00	52.06 -0.62 0.00	54.68 -0.57 0.00	53.82 -0.61 0.00	50.47 -0.69 0.00	48.22 -0.73 0.00	47.35 -0.88 0.00	43.13 -0.78 0.00	42.24 -0.76 0.00	37.21 -0.68 0.00	42.71 -0.87 0.00	48.38 -0.91 0.00	45.60 -0.79 0.00	43.45 -0.74 0.00	38.78 -0.59 0.00	36.76 -0.47 0.00	36.66 -0.48 0.00	36.21 -0.41 0.00
TALLMAN___138KV_BK151 55660	53.13 1.78 0.00	37.57 1.15 0.00	39.73 1.01 0.00	38.13 0.86 0.00	36.29 0.91 0.00	38.38 1.09 0.00	49.98 1.78 0.00	54.98 2.30 0.00	57.99 2.74 0.00	57.06 2.63 0.00	53.76 2.60 0.00	51.74 2.79 0.00	51.08 2.84 0.00	46.53 2.62 0.00	45.60 2.59 0.00	39.75 2.28 0.42	46.07 2.50 0.00	52.26 2.97 0.00	49.28 2.89 0.00	46.77 2.58 0.00	41.48 2.11 0.00	39.07 1.84 0.00	39.00 1.86 0.00	38.49 1.88 0.00
TEALLAVE_115KV_TB7 355573	50.41 -0.94 0.00	35.70 -0.73 0.00	37.98 -0.74 0.00	36.60 -0.67 0.00	34.73 -0.65 0.00	36.70 -0.59 0.00	47.34 -0.86 0.00	51.73 -0.95 0.00	54.35 -0.90 0.00	53.48 -0.96 0.00	50.15 -1.02 0.00	47.90 -1.05 0.00	47.05 -1.18 0.00	42.85 -1.06 0.00	41.96 -1.04 0.00	36.97 -0.92 0.00	42.41 -1.16 0.00	48.03 -1.26 0.00	45.25 -1.14 0.00	43.12 -1.07 0.00	38.50 -0.87 0.00	36.51 -0.72 0.00	36.41 -0.72 0.00	35.98 -0.63 0.00
TELGRAPH_34_KV_EAST 80808	49.99 -1.37 0.00	35.50 -0.93 0.00	37.84 -0.88 0.00	36.49 -0.79 0.00	34.52 -0.86 0.00	36.81 -0.48 0.00	46.74 -1.46 0.00	49.97 -2.71 0.00	52.80 -2.45 0.00	51.91 -2.52 0.00	48.41 -2.77 0.00	45.91 -3.03 0.00	44.76 -3.47 0.00	40.93 -2.98 0.00	40.08 -2.93 0.00	35.49 -2.40 0.00	40.62 -2.96 0.00	45.95 -3.33 0.00	42.64 -3.20 0.55	41.11 -3.04 0.04	36.61 -2.75 0.00	34.87 -2.36 0.00	35.28 -1.86 0.00	35.23 -1.38 0.00
TEMPLE___115KV_TB 2 55572	50.44 -0.91 0.00	35.72 -0.71 0.00	38.01 -0.71 0.00	36.62 -0.65 0.00	34.75 -0.63 0.00	36.71 -0.58 0.00	47.35 -0.85 0.00	51.75 -0.93 0.00	54.36 -0.89 0.00	53.49 -0.94 0.00	50.18 -0.99 0.00	47.92 -1.03 0.00	47.07 -1.16 0.00	42.86 -1.05 0.00	41.98 -1.03 0.00	36.98 -0.91 0.00	42.44 -1.14 0.00	48.05 -1.24 0.00	45.28 -1.11 0.00	43.15 -1.04 0.00	38.53 -0.84 0.00	36.53 -0.70 0.00	36.43 -0.70 0.00	36.00 -0.61 0.00
TIANA____69_KV_BK 1 55817	54.12 2.77 0.00	38.06 1.63 0.00	40.11 1.40 0.00	38.45 1.17 0.00	36.44 1.06 0.00	38.83 1.54 0.00	50.67 2.47 0.00	55.55 2.88 0.00	58.86 3.62 0.00	58.21 3.78 0.00	55.15 3.98 0.00	53.79 4.85 0.00	53.19 4.96 0.00	48.91 5.00 0.00	47.67 4.66 0.00	42.70 4.55 -0.26	48.52 4.95 0.00	55.00 5.71 0.00	52.07 5.68 0.00	49.20 5.01 0.00	43.21 3.85 0.00	40.35 3.13 0.00	40.20 3.07 0.00	39.53 2.92 0.00
TILDEN___115KV_TB1 80814	50.73 -0.62 0.00	35.91 -0.52 0.00	38.21 -0.52 0.00	36.82 -0.45 0.00	34.94 -0.44 0.00	36.92 -0.37 0.00	47.63 -0.57 0.00	52.06 -0.62 0.00	54.68 -0.57 0.00	53.82 -0.61 0.00	50.47 -0.69 0.00	48.22 -0.73 0.00	47.35 -0.88 0.00	43.13 -0.78 0.00	42.24 -0.76 0.00	37.21 -0.68 0.00	42.71 -0.87 0.00	48.38 -0.91 0.00	45.60 -0.79 0.00	43.45 -0.74 0.00	38.78 -0.59 0.00	36.76 -0.47 0.00	36.66 -0.48 0.00	36.21 -0.41 0.00

TRIGEN___CC 323695	53.92 2.57 0.00	38.06 1.63 0.00	40.18 1.46 0.00	38.52 1.24 0.00	36.51 1.13 0.00	38.76 1.46 0.00	50.47 2.27 0.00	55.42 2.75 0.00	58.58 3.34 0.00	57.78 3.35 0.00	54.61 3.44 0.00	52.66 3.71 0.00	51.95 3.71 0.00	47.56 3.65 0.00	46.59 3.59 0.00	41.39 3.24 -0.26	47.04 3.46 0.00	53.29 4.00 0.00	50.39 4.00 0.00	47.77 3.58 0.00	42.28 2.92 0.00	39.77 2.54 0.00	39.72 2.58 0.00	39.16 2.55 0.00
TRINITY___115KV___4 BK 55933	52.64 1.29 0.00	37.37 0.94 0.00	39.71 0.99 0.00	38.17 0.89 0.00	36.18 0.80 0.00	37.79 0.49 0.00	48.88 0.68 0.00	53.55 0.87 0.00	56.36 1.11 0.00	55.52 1.08 0.00	52.26 1.09 0.00	50.10 1.16 0.00	49.39 1.15 0.00	45.05 1.14 0.00	44.08 1.08 0.00	38.81 0.87 -0.06	44.53 0.96 0.00	50.35 1.07 0.00	47.41 1.02 0.00	45.27 1.08 0.00	40.34 0.97 0.00	38.02 0.80 0.00	37.88 0.74 0.00	37.28 0.66 0.00
UNION___PROCESSING_DRP 323587	49.80 -1.55 0.00	35.33 -1.09 0.00	37.61 -1.11 0.00	36.25 -1.03 0.00	34.36 -1.02 0.00	36.51 -0.79 0.00	46.74 -1.46 0.00	50.45 -2.23 0.00	53.20 -2.05 0.00	52.30 -2.13 0.00	48.95 -2.22 0.00	46.57 -2.38 0.00	45.59 -2.64 0.00	41.61 -2.29 0.00	40.75 -2.26 0.00	36.04 -1.85 0.00	41.35 -2.23 0.00	46.87 -2.42 0.00	44.08 -2.31 0.00	42.01 -2.18 0.00	37.43 -1.94 0.00	35.52 -1.70 0.00	35.69 -1.45 0.00	35.46 -1.16 0.00
UPPER HUDSON___HYD 24058	55.53 4.18 0.00	39.26 2.84 0.00	41.70 2.98 0.00	40.12 2.84 0.00	38.07 2.69 0.00	40.11 2.82 0.00	51.66 3.47 0.00	56.89 4.22 0.00	59.98 4.73 0.00	59.06 4.62 0.00	55.47 4.30 0.00	53.15 4.20 0.00	52.38 4.14 0.00	47.75 3.85 0.00	46.72 3.71 0.00	41.13 3.19 -0.05	47.35 3.78 0.00	53.56 4.27 0.00	50.38 3.99 0.00	48.11 3.92 0.00	42.76 3.39 0.00	40.37 3.14 0.00	40.08 2.94 0.00	39.25 2.64 0.00
UPPER RAQUET___HYD 24056	49.48 -1.87 0.00	35.26 -1.16 0.00	37.37 -1.35 0.00	36.27 -1.00 0.00	34.03 -1.35 0.00	35.19 -2.11 0.00	45.82 -2.38 0.00	50.63 -2.05 0.00	54.45 -0.80 0.00	53.65 -0.78 0.00	51.16 0.00 0.00	48.87 -0.07 0.00	47.97 -0.27 0.00	43.47 -0.44 0.00	42.58 -0.43 0.00	36.63 -1.26 0.00	41.28 -2.30 0.00	45.62 -3.66 0.00	42.99 -3.40 0.00	40.73 -3.46 0.00	35.58 -3.79 0.00	33.52 -3.71 0.00	33.77 -3.37 0.00	35.35 -2.31 -1.06
VALLEY44_115KV_TB2 355964	51.93 0.58 0.00	36.73 0.30 0.00	39.24 0.52 0.00	37.96 0.68 0.00	36.07 0.69 0.00	38.29 1.00 0.00	48.55 0.35 0.00	52.56 -0.12 0.00	55.39 0.15 0.00	54.25 -0.19 0.00	50.52 -0.65 0.00	48.14 -0.81 0.00	47.24 -0.99 0.00	42.91 -1.00 0.00	42.11 -0.90 0.00	37.19 -0.70 0.00	42.42 -1.16 0.00	48.04 -1.24 0.00	44.82 -1.18 0.39	42.86 -1.30 0.03	38.14 -1.23 0.00	36.42 -0.81 0.00	36.93 -0.21 0.00	36.87 0.25 0.00
VALLEY___115KV_TB 1-4 80826	51.18 -0.17 0.00	36.29 -0.13 0.00	38.65 -0.07 0.00	37.22 -0.06 0.00	35.38 0.01 0.00	37.24 -0.05 0.00	48.25 0.05 0.00	53.20 0.52 0.00	56.07 0.82 0.00	55.39 0.95 0.00	52.20 1.03 0.00	49.99 1.05 0.00	49.21 0.98 0.00	44.88 0.97 0.00	43.92 0.92 0.00	38.61 0.72 0.00	43.73 0.15 0.00	49.49 0.21 0.00	46.66 0.27 0.00	44.63 0.45 0.00	39.67 0.31 0.00	37.26 0.03 0.00	37.05 -0.09 0.00	36.40 -0.21 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	53.43 2.09 0.00	37.78 1.36 0.00	40.24 1.51 0.00	38.77 1.49 0.00	36.82 1.45 0.00	38.86 1.57 0.00	50.28 2.08 0.00	55.09 2.41 0.00	57.95 2.70 0.00	57.13 2.69 0.00	53.63 2.46 0.00	51.28 2.33 0.00	50.46 2.23 0.00	46.00 2.09 0.00	45.08 2.08 0.00	39.63 1.79 0.04	45.51 1.94 0.00	51.68 2.39 0.00	48.71 2.32 0.00	46.36 2.18 0.00	41.22 1.85 0.00	38.91 1.69 0.00	38.79 1.66 0.00	38.33 1.71 0.00
VISCHER___FERRY HYD 24020	53.60 2.24 0.00	37.99 1.57 0.00	40.37 1.65 0.00	38.81 1.53 0.00	36.81 1.43 0.00	38.65 1.35 0.00	50.00 1.80 0.00	54.76 2.08 0.00	57.65 2.40 0.00	56.78 2.34 0.00	53.44 2.27 0.00	51.21 2.26 0.00	50.45 2.22 0.00	46.02 2.12 0.00	45.01 2.01 0.00	39.59 1.64 -0.06	45.46 1.88 0.00	51.43 2.15 0.00	48.41 2.02 0.00	46.19 2.01 0.00	41.21 1.84 0.00	38.89 1.67 0.00	38.74 1.60 0.00	38.08 1.46 0.00
V_A_10_SYNC_DSASP 323832	48.88 -2.47 0.00	34.70 -1.72 0.00	36.99 -1.73 0.00	35.67 -1.61 0.00	33.77 -1.61 0.00	35.91 -1.39 0.00	45.64 -2.56 0.00	48.86 -3.82 0.00	51.56 -3.69 0.00	50.68 -3.75 0.00	47.33 -3.83 0.00	44.96 -3.99 0.00	43.90 -4.33 0.00	40.09 -3.82 0.00	39.25 -3.75 0.00	34.74 -3.15 0.00	39.79 -3.79 0.00	45.06 -4.22 0.00	41.97 -4.03 0.39	40.35 -3.81 0.03	35.95 -3.41 0.00	34.23 -3.00 0.00	34.61 -2.53 0.00	34.58 -2.03 0.00
V_CMM_10_SYNC_DSASP 323787	51.62 0.26 0.00	36.71 0.28 0.00	38.97 0.25 0.00	37.55 0.27 0.00	35.61 0.23 0.00	37.61 0.32 0.00	48.73 0.53 0.00	53.08 0.40 0.00	55.42 0.17 0.00	54.68 0.24 0.00	51.32 0.15 0.00	48.97 0.03 0.00	48.47 0.23 0.00	43.99 0.08 0.00	43.15 0.14 0.00	38.04 0.15 0.00	43.93 0.35 0.00	49.55 0.27 0.00	46.49 0.10 0.00	44.24 0.05 0.00	39.37 0.00 0.00	37.22 -0.01 0.00	37.18 0.04 0.00	36.56 -0.05 0.00
V_CMP_10_SYNC_DSASP 323788	50.46 -0.89 0.00	35.77 -0.65 0.00	37.78 -0.94 0.00	36.56 -0.72 0.00	34.92 -0.46 0.00	37.17 -0.13 0.00	48.65 0.46 0.00	53.33 0.65 0.00	55.87 0.63 0.00	55.14 0.70 0.00	52.12 0.95 0.00	50.10 1.16 0.00	49.61 1.38 0.00	44.99 1.08 0.00	44.07 1.06 0.00	38.86 0.97 0.00	44.79 1.21 0.00	49.80 0.52 0.00	46.28 -0.11 0.00	43.69 -0.49 0.00	38.74 -0.63 0.00	36.49 -0.73 0.00	36.34 -0.80 0.00	5.59 -1.21 29.81
V_D_10_SYNC_DSASP 323841	51.73 0.37 0.00	36.78 0.36 0.00	39.06 0.34 0.00	37.63 0.35 0.00	35.69 0.31 0.00	37.68 0.39 0.00	48.82 0.62 0.00	53.17 0.49 0.00	55.51 0.27 0.00	54.76 0.33 0.00	51.53 0.36 0.00	49.28 0.34 0.00	48.73 0.50 0.00	44.22 0.32 0.00	43.34 0.33 0.00	38.22 0.33 0.00	44.13 0.55 0.00	49.76 0.47 0.00	46.68 0.30 0.00	44.43 0.24 0.00	39.53 0.16 0.00	37.37 0.15 0.00	37.34 0.20 0.00	36.72 0.10 0.00
V_E_10_SYNC_DSASP 323830	53.19 1.84 0.00	37.47 1.05 0.00	40.14 1.41 0.00	38.89 1.61 0.00	36.88 1.50 0.00	39.29 2.00 0.00	51.37 3.17 0.00	60.40 7.72 0.00	63.37 8.12 0.00	62.54 8.10 0.00	58.92 7.75 0.00	55.37 6.42 0.00	54.26 6.03 0.00	50.16 6.25 0.00	49.40 6.39 0.00	42.86 5.03 0.06	48.41 4.84 0.00	52.56 3.27 0.00	50.04 3.66 0.00	47.47 3.29 0.00	41.70 2.33 0.00	39.11 1.88 0.00	38.82 1.68 0.00	38.34 1.73 0.00
V_F_30_NSYNC___DSASP 323816	54.88 3.53 0.00	38.86 2.43 0.00	41.31 2.58 0.00	39.72 2.44 0.00	37.69 2.31 0.00	39.67 2.37 0.00	51.31 3.10 0.00	56.27 3.59 0.00	59.26 4.01 0.00	58.35 3.92 0.00	54.88 3.72 0.00	52.57 3.63 0.00	51.79 3.56 0.00	47.25 3.34 0.00	46.20 3.20 0.00	40.66 2.71 -0.06	46.76 3.18 0.00	52.91 3.63 0.00	49.82 3.43 0.00	47.51 3.32 0.00	42.28 2.91 0.00	39.91 2.68 0.00	39.68 2.54 0.00	38.94 2.32 0.00

V_F_30_SYNC_DSASP 323786	52.82 1.47 0.00	37.48 1.06 0.00	39.83 1.11 0.00	38.28 1.00 0.00	36.30 0.92 0.00	37.93 0.63 0.00	49.09 0.89 0.00	53.79 1.12 0.00	56.60 1.36 0.00	55.76 1.32 0.00	52.50 1.33 0.00	50.32 1.38 0.00	49.59 1.36 0.00	45.23 1.32 0.00	44.27 1.26 0.00	38.98 1.04 -0.06	44.74 1.17 0.00	50.60 1.31 0.00	47.63 1.24 0.00	45.45 1.26 0.00	40.49 1.12 0.00	38.17 0.94 0.00	38.01 0.87 0.00	37.39 0.78 0.00
V_XM_10_SYNC_DSASP 323789	50.46 -0.89 0.00	35.77 -0.65 0.00	37.78 -0.94 0.00	36.56 -0.72 0.00	34.92 -0.46 0.00	37.17 -0.13 0.00	48.65 0.46 0.00	53.33 0.65 0.00	55.87 0.63 0.00	55.14 0.70 0.00	52.12 0.95 0.00	50.10 1.16 0.00	49.61 1.38 0.00	44.99 1.08 0.00	44.07 1.06 0.00	38.86 0.97 0.00	44.79 1.21 0.00	49.80 0.52 0.00	46.28 -0.11 0.00	43.69 -0.49 0.00	38.74 -0.63 0.00	36.49 -0.73 0.00	36.34 -0.80 0.00	5.59 -1.21 29.81
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	53.37 2.02 0.00	37.74 1.31 0.00	39.89 1.17 0.00	38.30 1.02 0.00	36.45 1.07 0.00	38.55 1.25 0.00	50.20 2.00 0.00	55.23 2.56 0.00	58.26 3.02 0.00	57.34 2.90 0.00	54.03 2.86 0.00	51.99 3.05 0.00	51.32 3.08 0.00	46.76 2.85 0.00	45.81 2.80 0.00	39.93 2.48 0.43	46.30 2.72 0.00	52.51 3.22 0.00	49.52 3.13 0.00	47.01 2.82 0.00	41.69 2.32 0.00	39.26 2.04 0.00	39.18 2.04 0.00	38.66 2.05 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	53.88 2.53 0.00	38.07 1.65 0.00	40.26 1.53 0.00	38.55 1.27 0.00	36.56 1.18 0.00	38.75 1.46 0.00	50.55 2.35 0.00	55.64 2.96 0.00	58.83 3.59 0.00	57.93 3.50 0.00	54.61 3.45 0.00	52.64 3.69 0.00	51.97 3.73 0.00	47.44 3.53 0.00	46.48 3.47 0.00	41.25 3.10 -0.26	46.96 3.38 0.00	53.17 3.89 0.00	50.16 3.76 0.00	47.60 3.41 0.00	42.20 2.83 0.00	39.72 2.49 0.00	39.60 2.45 0.00	39.03 2.42 0.00
W50THST__13_KV_LOAD 356117	54.12 2.77 0.00	38.24 1.81 0.00	40.42 1.70 0.00	38.71 1.43 0.00	36.71 1.33 0.00	38.92 1.63 0.00	50.80 2.60 0.00	55.95 3.28 0.00	59.19 3.94 0.00	58.30 3.86 0.00	54.97 3.80 0.00	52.99 4.04 0.00	52.32 4.09 0.00	47.78 3.87 0.00	46.81 3.81 0.00	41.54 3.39 0.00	47.30 3.72 0.00	53.52 4.23 0.00	50.45 4.06 0.00	47.87 3.68 0.00	42.43 3.06 0.00	39.93 2.70 0.00	39.79 2.65 0.00	39.23 2.61 0.00
WADING RIVER_IC_1 23522	54.18 2.83 0.00	38.11 1.69 0.00	40.18 1.46 0.00	38.51 1.24 0.00	36.51 1.13 0.00	38.87 1.57 0.00	50.71 2.51 0.00	55.59 2.91 0.00	58.89 3.64 0.00	58.22 3.78 0.00	55.16 3.99 0.00	53.63 4.69 0.00	52.97 4.73 0.00	48.66 4.75 0.00	47.36 4.35 0.00	42.49 4.34 -0.26	48.29 4.71 0.00	54.74 5.45 0.00	51.82 5.43 0.00	48.98 4.80 0.00	43.13 3.76 0.00	40.33 3.10 0.00	40.25 3.11 0.00	39.58 2.97 0.00
WADING RIVER_IC_2 23547	54.18 2.83 0.00	38.11 1.69 0.00	40.18 1.46 0.00	38.51 1.24 0.00	36.51 1.13 0.00	38.87 1.57 0.00	50.71 2.51 0.00	55.59 2.91 0.00	58.89 3.64 0.00	58.22 3.78 0.00	55.16 3.99 0.00	53.63 4.69 0.00	52.97 4.73 0.00	48.66 4.75 0.00	47.36 4.35 0.00	42.49 4.34 -0.26	48.29 4.71 0.00	54.74 5.45 0.00	51.82 5.43 0.00	48.98 4.80 0.00	43.13 3.76 0.00	40.33 3.10 0.00	40.25 3.11 0.00	39.58 2.97 0.00
WADING RIVER_IC_3 23601	54.18 2.83 0.00	38.11 1.69 0.00	40.18 1.46 0.00	38.51 1.24 0.00	36.51 1.13 0.00	38.87 1.57 0.00	50.71 2.51 0.00	55.59 2.91 0.00	58.89 3.64 0.00	58.22 3.78 0.00	55.16 3.99 0.00	53.63 4.69 0.00	52.97 4.73 0.00	48.66 4.75 0.00	47.36 4.35 0.00	42.49 4.34 -0.26	48.29 4.71 0.00	54.74 5.45 0.00	51.82 5.43 0.00	48.98 4.80 0.00	43.13 3.76 0.00	40.33 3.10 0.00	40.25 3.11 0.00	39.58 2.97 0.00
WALDENNY_12_KV_BK2 80841	50.46 -0.89 0.00	35.85 -0.58 0.00	38.25 -0.47 0.00	36.90 -0.38 0.00	34.89 -0.49 0.00	37.18 -0.11 0.00	47.15 -1.05 0.00	50.41 -2.27 0.00	53.22 -2.03 0.00	52.34 -2.10 0.00	48.80 -2.37 0.00	46.30 -2.65 0.00	45.05 -3.19 0.00	41.18 -2.72 0.00	40.32 -2.68 0.00	35.61 -2.27 0.00	40.71 -2.87 0.00	46.08 -3.20 0.00	42.41 -3.12 0.86	41.17 -2.95 0.07	36.70 -2.67 0.00	35.00 -2.23 0.00	35.40 -1.74 0.00	35.37 -1.25 0.00
WALDEN__HYDRO 24148	53.47 2.12 0.00	37.81 1.38 0.00	40.00 1.28 0.00	38.41 1.13 0.00	36.53 1.15 0.00	38.64 1.35 0.00	50.31 2.11 0.00	55.36 2.69 0.00	58.39 3.15 0.00	57.48 3.05 0.00	54.15 2.98 0.00	52.07 3.12 0.00	51.37 3.13 0.00	46.82 2.91 0.00	45.88 2.87 0.00	40.29 2.54 0.14	46.39 2.81 0.00	52.60 3.31 0.00	49.59 3.20 0.00	47.08 2.89 0.00	41.76 2.39 0.00	39.34 2.11 0.00	39.22 2.08 0.00	38.67 2.06 0.00
WARRENSBURG____ 23737	55.53 4.18 0.00	39.26 2.84 0.00	41.70 2.98 0.00	40.12 2.84 0.00	38.07 2.69 0.00	40.11 2.82 0.00	51.66 3.47 0.00	56.89 4.22 0.00	59.98 4.73 0.00	59.06 4.62 0.00	55.47 4.30 0.00	53.15 4.20 0.00	52.38 4.14 0.00	47.75 3.85 0.00	46.72 3.71 0.00	41.13 3.19 -0.05	47.35 3.78 0.00	53.56 4.27 0.00	50.38 3.99 0.00	48.11 3.92 0.00	42.76 3.39 0.00	40.37 3.14 0.00	40.08 2.94 0.00	39.25 2.64 0.00
WATERSIDE____6 8 9 23538	53.82 2.47 0.00	38.05 1.62 0.00	40.22 1.49 0.00	38.51 1.23 0.00	36.52 1.14 0.00	38.71 1.41 0.00	50.48 2.28 0.00	55.58 2.90 0.00	58.74 3.49 0.00	57.81 3.38 0.00	54.46 3.29 0.00	52.51 3.57 0.00	51.83 3.60 0.00	47.32 3.41 0.00	46.35 3.35 0.00	41.15 3.00 -0.26	46.83 3.25 0.00	53.05 3.76 0.00	50.07 3.68 0.00	47.54 3.35 0.00	42.14 2.77 0.00	39.69 2.47 0.00	39.56 2.43 0.00	39.04 2.43 0.00
WATKINRD_115KV_LN8_ILLION 55919	51.51 0.16 0.00	36.51 0.09 0.00	38.85 0.13 0.00	37.39 0.11 0.00	35.52 0.14 0.00	37.38 0.08 0.00	48.38 0.18 0.00	53.15 0.48 0.00	55.93 0.69 0.00	55.14 0.71 0.00	51.92 0.74 0.00	49.70 0.75 0.00	48.96 0.72 0.00	44.62 0.71 0.00	43.68 0.68 0.00	38.44 0.55 0.00	43.93 0.35 0.00	49.74 0.45 0.00	46.87 0.48 0.00	44.71 0.53 0.00	39.77 0.40 0.00	37.47 0.24 0.00	37.29 0.15 0.00	36.69 0.08 0.00
WATSON__69_KV_BK 1 55734	54.78 3.43 0.00	38.57 2.14 0.00	40.69 1.96 0.00	38.99 1.71 0.00	36.94 1.56 0.00	39.30 2.01 0.00	51.23 3.03 0.00	56.20 3.52 0.00	59.51 4.26 0.00	58.78 4.35 0.00	55.67 4.50 0.00	53.78 4.84 0.00	53.04 4.81 0.00	48.67 4.76 0.00	47.68 4.67 0.00	42.47 4.32 -0.26	48.21 4.64 0.00	54.63 5.34 0.00	51.76 5.37 0.00	48.99 4.80 0.00	43.31 3.94 0.00	40.61 3.38 0.00	40.60 3.45 0.00	39.95 3.34 0.00
WDELAWARE__HYD 323627	54.33 2.98 0.00	38.39 1.96 0.00	40.65 1.92 0.00	39.04 1.77 0.00	37.13 1.75 0.00	39.32 2.02 0.00	51.21 3.01 0.00	56.46 3.78 0.00	59.60 4.35 0.00	58.68 4.24 0.00	55.23 4.06 0.00	53.03 4.09 0.00	52.28 4.04 0.00	47.65 3.74 0.00	46.71 3.70 0.00	41.03 3.25 0.11	47.20 3.63 0.00	53.50 4.21 0.00	50.42 4.03 0.00	47.87 3.69 0.00	42.46 3.09 0.00	40.01 2.78 0.00	39.87 2.73 0.00	39.29 2.68 0.00

WEST BABYLON___IC 23714	54.67 3.32 0.00	38.50 2.07 0.00	40.62 1.90 0.00	38.94 1.66 0.00	36.89 1.51 0.00	39.23 1.94 0.00	51.12 2.92 0.00	56.09 3.42 0.00	59.38 4.13 0.00	58.64 4.20 0.00	55.51 4.35 0.00	53.59 4.65 0.00	52.85 4.62 0.00	48.47 4.56 0.00	47.49 4.49 0.00	42.26 4.11 -0.26	48.00 4.43 0.00	54.40 5.12 0.00	51.51 5.12 0.00	48.78 4.60 0.00	43.14 3.78 0.00	40.49 3.26 0.00	40.46 3.32 0.00	39.82 3.21 0.00
WEST CANADA___HYD 24049	51.40 0.05 0.00	36.46 0.04 0.00	38.77 0.04 0.00	37.31 0.04 0.00	35.45 0.07 0.00	37.33 0.03 0.00	48.24 0.04 0.00	52.78 0.10 0.00	55.44 0.19 0.00	54.65 0.22 0.00	51.42 0.25 0.00	49.19 0.24 0.00	48.46 0.22 0.00	44.13 0.22 0.00	43.22 0.22 0.00	38.04 0.15 0.00	43.67 0.09 0.00	49.38 0.10 0.00	46.53 0.13 0.00	44.32 0.13 0.00	39.46 0.09 0.00	37.31 0.08 0.00	37.19 0.06 0.00	36.66 0.04 0.00
WESTERN_NY_WIND 24143	50.84 -0.51 0.00	36.07 -0.35 0.00	38.42 -0.30 0.00	37.07 -0.21 0.00	35.10 -0.28 0.00	37.43 0.14 0.00	47.74 -0.46 0.00	51.23 -1.45 0.00	54.10 -1.14 0.00	53.22 -1.22 0.00	49.62 -1.55 0.00	47.13 -1.82 0.00	45.98 -2.26 0.00	42.07 -1.84 0.00	41.18 -1.83 0.00	36.46 -1.44 0.00	41.73 -1.85 0.00	47.32 -1.97 0.00	44.01 -1.91 0.47	42.32 -1.83 0.04	37.67 -1.70 0.00	35.82 -1.41 0.00	36.12 -1.02 0.00	36.00 -0.61 0.00
WESTOVER___LESR 323668	51.28 -0.07 0.00	36.14 -0.28 0.00	38.62 -0.11 0.00	37.31 0.03 0.00	35.35 -0.03 0.00	37.40 0.11 0.00	48.08 -0.12 0.00	52.66 -0.02 0.00	55.25 0.00 0.00	54.44 0.00 0.00	51.09 -0.08 0.00	48.89 -0.06 0.00	47.97 -0.27 0.00	43.70 -0.21 0.00	42.80 -0.20 0.00	37.67 -0.19 0.03	43.07 -0.51 0.00	48.99 -0.29 0.00	46.27 -0.22 -0.10	43.90 -0.29 -0.01	39.07 -0.30 0.00	36.95 -0.28 0.00	36.87 -0.27 0.00	36.46 -0.15 0.00
WETHRSFD_WT_PWR 323626	49.71 -1.65 0.00	35.39 -1.03 0.00	38.01 -0.71 0.00	36.78 -0.49 0.00	34.80 -0.58 0.00	37.01 -0.28 0.00	47.07 -1.13 0.00	50.57 -2.11 0.00	53.19 -2.06 0.00	52.16 -2.28 0.00	48.58 -2.59 0.00	46.29 -2.66 0.00	44.70 -3.53 0.00	40.89 -3.02 0.00	39.99 -3.01 0.00	35.14 -2.75 0.00	39.84 -3.74 0.00	45.11 -4.17 0.01	39.54 -4.05 2.79	39.92 -4.04 0.22	35.80 -3.56 0.00	34.29 -2.94 0.00	34.46 -2.68 0.00	34.42 -2.19 0.00
WHAVSTOR_138KV_BK127 55557	53.11 1.76 0.00	37.56 1.14 0.00	39.71 0.99 0.00	38.12 0.84 0.00	36.28 0.90 0.00	38.36 1.07 0.00	49.94 1.74 0.00	54.92 2.24 0.00	57.93 2.68 0.00	57.01 2.57 0.00	53.73 2.56 0.00	51.70 2.75 0.00	51.03 2.80 0.00	46.51 2.60 0.00	45.57 2.56 0.00	39.71 2.26 0.43	46.04 2.46 0.00	52.21 2.93 0.00	49.24 2.85 0.00	46.74 2.55 0.00	41.45 2.08 0.00	39.05 1.83 0.00	38.98 1.84 0.00	38.48 1.86 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	53.11 1.76 0.00	37.56 1.14 0.00	39.71 0.99 0.00	38.12 0.84 0.00	36.28 0.90 0.00	38.36 1.07 0.00	49.94 1.74 0.00	54.92 2.24 0.00	57.93 2.68 0.00	57.01 2.57 0.00	53.73 2.56 0.00	51.70 2.75 0.00	51.03 2.80 0.00	46.51 2.60 0.00	45.57 2.56 0.00	39.71 2.26 0.43	46.04 2.46 0.00	52.21 2.93 0.00	49.24 2.85 0.00	46.74 2.55 0.00	41.45 2.08 0.00	39.05 1.83 0.00	38.98 1.84 0.00	38.48 1.86 0.00
WHITEHAL_115KV_TB1 80871	56.73 5.37 0.00	40.01 3.58 0.00	42.18 3.46 0.00	40.62 3.34 0.00	38.45 3.06 0.00	40.56 3.27 0.00	52.38 4.18 0.00	57.79 5.11 0.00	61.29 6.04 0.00	60.42 5.98 0.00	56.68 5.51 0.00	54.35 5.40 0.00	53.69 5.45 0.00	48.94 5.04 0.00	47.88 4.88 0.00	42.11 4.17 -0.06	48.61 5.03 0.00	54.86 5.58 0.00	51.58 5.20 0.00	49.45 5.26 0.00	43.91 4.54 0.00	41.68 4.45 0.00	41.27 4.14 0.00	40.24 3.63 0.00
WHITEPLN_13_KV_LOAD 356215	54.03 2.68 0.00	38.18 1.75 0.00	40.38 1.65 0.00	38.72 1.44 0.00	36.76 1.38 0.00	38.93 1.64 0.00	50.75 2.55 0.00	55.86 3.18 0.00	59.00 3.75 0.00	58.11 3.67 0.00	54.79 3.62 0.00	52.75 3.81 0.00	52.05 3.82 0.00	47.49 3.59 0.00	46.52 3.51 0.00	41.28 3.12 -0.27	47.04 3.46 0.00	53.34 4.06 0.00	50.28 3.89 0.00	47.70 3.52 0.00	42.29 2.92 0.00	39.81 2.59 0.00	39.69 2.56 0.00	39.14 2.52 0.00
WM_FLOYD_69_KV_BK2 356380	54.22 2.87 0.00	38.15 1.73 0.00	40.23 1.51 0.00	38.56 1.29 0.00	36.54 1.16 0.00	38.89 1.60 0.00	50.72 2.52 0.00	55.59 2.92 0.00	58.90 3.65 0.00	58.23 3.80 0.00	55.16 3.99 0.00	53.51 4.57 0.00	52.83 4.60 0.00	48.52 4.61 0.00	47.36 4.36 0.00	42.37 4.22 -0.26	48.12 4.54 0.00	54.52 5.24 0.00	51.62 5.23 0.00	48.82 4.64 0.00	43.04 3.68 0.00	40.29 3.07 0.00	40.28 3.14 0.00	39.63 3.01 0.00
WOODARD___115KV_TB2 355635	50.32 -1.03 0.00	35.63 -0.79 0.00	37.91 -0.82 0.00	36.54 -0.74 0.00	34.67 -0.71 0.00	36.62 -0.68 0.00	47.24 -0.96 0.00	51.60 -1.08 0.00	54.22 -1.03 0.00	53.35 -1.08 0.00	50.03 -1.14 0.00	47.77 -1.17 0.00	46.94 -1.30 0.00	42.74 -1.17 0.00	41.85 -1.16 0.00	36.87 -1.02 0.00	42.32 -1.25 0.00	47.90 -1.38 0.00	45.14 -1.25 0.00	43.03 -1.15 0.00	38.44 -0.93 0.00	36.46 -0.77 0.00	36.36 -0.78 0.00	35.91 -0.70 0.00
YORK___WARBASSE 23770	54.15 2.80 0.00	38.29 1.86 0.00	40.47 1.75 0.00	38.75 1.47 0.00	36.75 1.37 0.00	38.90 1.60 0.00	50.71 2.51 0.00	55.78 3.11 0.00	58.91 3.66 0.00	57.97 3.54 0.00	54.63 3.46 0.00	52.72 3.77 0.00	52.06 3.82 0.00	47.51 3.61 0.00	46.55 3.54 0.00	41.29 3.14 -0.26	46.98 3.40 0.00	53.23 3.95 0.00	50.26 3.87 0.00	47.75 3.56 0.00	42.31 2.94 0.00	39.86 2.63 0.00	39.73 2.59 0.00	39.19 2.58 0.00