

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/18/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	58.44	53.79	48.34	49.42	55.57	54.68	53.92	49.15	67.98	47.85	38.04	39.83	38.30	47.42	48.08	54.51	51.87	49.70	55.76	57.97	53.57	55.41	41.48	34.07
24138	3.87	2.95	2.72	2.78	2.50	2.33	2.19	2.32	1.71	2.25	3.07	3.37	3.26	4.15	4.41	4.86	4.77	4.67	4.63	3.85	3.40	2.99	2.58	2.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-39.83	-13.49	-0.35	0.00	-1.01	-1.57	-0.96	-2.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.55
74TH STREET_GT_1	58.61	53.99	48.50	49.56	55.76	54.80	53.99	49.18	67.86	47.78	38.00	39.78	38.25	47.37	48.04	54.45	51.81	49.63	55.79	58.07	53.67	55.53	41.54	34.10
24260	4.04	3.16	2.88	2.91	2.69	2.45	2.26	2.35	1.70	2.21	3.03	3.32	3.21	4.09	4.36	4.79	4.71	4.60	4.67	3.96	3.50	3.11	2.64	2.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-39.73	-13.46	-0.35	0.00	-1.00	-1.57	-0.97	-2.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.54
74TH STREET_GT_2	58.61	53.99	48.50	49.56	55.76	54.80	53.99	49.18	67.86	47.78	38.00	39.78	38.25	47.37	48.04	54.45	51.81	49.63	55.79	58.07	53.67	55.53	41.54	34.10
24261	4.04	3.16	2.88	2.91	2.69	2.45	2.26	2.35	1.70	2.21	3.03	3.32	3.21	4.09	4.36	4.79	4.71	4.60	4.67	3.96	3.50	3.11	2.64	2.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-39.73	-13.46	-0.35	0.00	-1.00	-1.57	-0.97	-2.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.54
ADK HUDSON___FALLS	58.33	53.92	48.39	49.56	56.32	55.42	54.53	49.14	27.65	33.55	35.86	37.50	34.79	42.44	43.65	48.70	48.54	46.99	53.93	56.96	53.30	55.52	41.08	32.10
24011	3.76	3.08	2.77	2.91	3.26	3.08	2.80	2.31	1.21	1.44	1.24	1.05	0.76	0.82	0.99	1.24	1.44	1.95	2.81	2.85	3.13	3.10	2.18	1.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.05	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	58.56	54.04	48.51	49.70	56.47	55.56	54.63	49.23	27.66	33.47	35.80	37.44	34.74	42.35	43.59	48.70	48.60	47.13	54.11	57.16	53.65	55.94	41.38	32.32
23798	3.99	3.20	2.90	3.06	3.40	3.21	2.90	2.39	1.22	1.36	1.18	0.98	0.71	0.73	0.93	1.25	1.50	2.09	2.98	3.04	3.48	3.53	2.48	1.97
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.05	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	58.33	53.92	48.39	49.56	56.32	55.42	54.53	49.14	27.65	33.55	35.86	37.50	34.79	42.44	43.65	48.70	48.54	46.99	53.93	56.96	53.30	55.52	41.08	32.10
24028	3.76	3.08	2.77	2.91	3.26	3.08	2.80	2.31	1.21	1.44	1.24	1.05	0.76	0.82	0.99	1.24	1.44	1.95	2.81	2.85	3.13	3.10	2.18	1.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.05	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	57.74	53.59	48.20	49.38	56.05	55.18	54.29	49.00	33.41	35.66	36.11	37.70	35.20	42.81	44.00	48.75	48.37	46.64	53.13	55.85	52.26	54.49	40.51	31.94
23527	3.17	2.76	2.58	2.74	2.98	2.84	2.56	2.17	1.19	1.58	1.44	1.24	1.02	1.20	1.34	1.32	1.27	1.61	2.00	1.73	2.09	2.08	1.60	1.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.79	-1.96	-0.05	0.00	-0.15	0.09	0.06	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.22
AIR_PRODUCTS___DRP	55.62	51.78	46.67	47.82	54.32	53.47	52.60	47.48	26.85	32.71	34.98	36.59	34.04	41.56	42.68	47.35	47.00	45.17	51.27	53.92	50.12	52.16	38.95	30.75
24190	1.05	0.94	1.05	1.18	1.26	1.13	0.87	0.65	0.42	0.59	0.36	0.13	0.01	-0.07	0.02	-0.10	-0.10	0.14	0.14	-0.20	-0.05	-0.25	0.05	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	0.08	0.05	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	54.17	50.76	45.49	46.42	52.92	52.31	52.09	47.27	26.55	32.14	34.55	36.48	34.12	41.72	42.62	47.42	46.98	44.70	50.78	54.16	50.26	53.04	39.44	30.60
355683	-0.40	-0.08	-0.13	-0.22	-0.15	-0.03	0.36	0.43	0.12	0.03	-0.07	0.02	0.08	0.01	-0.09	-0.14	-0.12	-0.34	-0.34	0.05	0.09	0.62	0.53	0.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	56.01	52.65	47.47	48.66	55.30	54.47	53.51	48.13	27.21	33.08	35.37	36.85	-33.23	-30.47	39.14	46.98	46.65	44.86	51.08	53.99	50.25	52.34	38.97	30.59
323833	1.44	1.82	1.84	2.02	2.24	2.13	1.78	1.30	0.78	0.96	0.75	0.39	-0.10	-0.21	-0.36	-0.49	-0.45	-0.18	-0.05	-0.12	0.08	-0.08	0.07	0.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	67.16	71.95	3.21	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	55.99	52.65	47.45	48.65	55.28	54.46	53.48	48.11	27.20	33.07	35.36	36.84	-33.21	-30.44	39.13	46.95	46.62	44.84	51.07	53.97	50.23	52.32	38.96	30.58
323834	1.42	1.81	1.83	2.00	2.22	2.12	1.75	1.27	0.77	0.96	0.73	0.38	-0.11	-0.23	-0.37	-0.51	-0.48	-0.20	-0.06	-0.14	0.07	-0.10	0.06	0.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	67.13	71.91	3.21	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	55.62	51.78	46.67	47.82	54.32	53.47	52.60	47.48	26.85	32.71	34.98	36.59	34.04	41.56	42.68	47.35	47.00	45.17	51.27	53.92	50.12	52.16	38.95	30.75
23571	1.05	0.94	1.05	1.18	1.26	1.13	0.87	0.65	0.42	0.59	0.36	0.13	0.01	-0.07	0.02	-0.10	-0.10	0.14	0.14	-0.20	-0.05	-0.25	0.05	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	0.08	0.05	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	55.62 1.05 0.00	51.78 0.94 0.00	46.67 1.05 0.00	47.82 1.18 0.00	54.32 1.26 0.00	53.47 1.13 0.00	52.60 0.87 0.00	47.48 0.65 0.00	26.85 0.42 0.00	32.71 0.59 0.00	34.98 0.36 0.00	36.59 0.13 0.00	34.04 0.01 0.00	41.56 -0.07 0.08	42.68 0.02 0.05	47.35 -0.10 0.11	47.00 -0.10 0.00	45.17 0.14 0.00	51.27 0.14 0.00	53.92 -0.20 0.00	50.12 -0.05 0.00	52.16 -0.25 0.00	38.95 0.05 0.00	30.75 0.40 0.00
ALBANY___3 23573	55.62 1.05 0.00	51.78 0.94 0.00	46.67 1.05 0.00	47.82 1.18 0.00	54.32 1.26 0.00	53.47 1.13 0.00	52.60 0.87 0.00	47.48 0.65 0.00	26.85 0.42 0.00	32.71 0.59 0.00	34.98 0.36 0.00	36.59 0.13 0.00	34.04 0.01 0.00	41.56 -0.07 0.08	42.68 0.02 0.05	47.35 -0.10 0.11	47.00 -0.10 0.00	45.17 0.14 0.00	51.27 0.14 0.00	53.92 -0.20 0.00	50.12 -0.05 0.00	52.16 -0.25 0.00	38.95 0.05 0.00	30.75 0.40 0.00
ALBANY___4 23574	55.62 1.05 0.00	51.78 0.94 0.00	46.67 1.05 0.00	47.82 1.18 0.00	54.32 1.26 0.00	53.47 1.13 0.00	52.60 0.87 0.00	47.48 0.65 0.00	26.85 0.42 0.00	32.71 0.59 0.00	34.98 0.36 0.00	36.59 0.13 0.00	34.04 0.01 0.00	41.56 -0.07 0.08	42.68 0.02 0.05	47.35 -0.10 0.11	47.00 -0.10 0.00	45.17 0.14 0.00	51.27 0.14 0.00	53.92 -0.20 0.00	50.12 -0.05 0.00	52.16 -0.25 0.00	38.95 0.05 0.00	30.75 0.40 0.00
ALBANY___LFGE 323615	56.27 1.70 0.00	52.36 1.52 0.00	47.15 1.53 0.00	48.30 1.65 0.00	54.85 1.79 0.00	54.00 1.66 0.00	53.12 1.39 0.00	47.95 1.12 0.00	27.11 0.68 0.00	33.04 0.93 0.00	35.36 0.74 0.00	37.01 0.55 0.00	34.45 0.41 0.00	42.05 0.42 0.08	43.20 0.54 0.05	47.97 0.52 0.11	47.63 0.53 0.00	45.80 0.76 0.00	52.00 0.88 0.00	54.70 0.59 0.00	50.82 0.66 0.00	52.87 0.45 0.00	39.42 0.52 0.00	31.05 0.70 0.00
ALCOA_PA_115KV_PL-6C 55860	54.38 -0.20 0.00	50.96 0.13 0.00	45.66 0.05 0.00	46.60 -0.05 0.00	53.17 0.11 0.00	52.57 0.23 0.00	52.36 0.62 0.00	47.53 0.70 0.00	26.68 0.25 0.00	32.28 0.16 0.00	34.65 0.03 0.00	36.59 0.13 0.00	34.23 0.20 0.00	41.83 0.13 0.00	42.68 -0.03 0.00	47.41 -0.15 0.00	46.97 -0.12 0.00	44.69 -0.35 0.00	50.80 -0.33 0.00	54.25 0.14 0.00	50.41 0.25 0.00	53.34 0.92 0.00	39.70 0.79 0.00	30.75 0.40 0.00
ALCOA_RYNLDS___DRP 24188	54.38 -0.20 0.00	50.96 0.13 0.00	45.66 0.05 0.00	46.60 -0.05 0.00	53.17 0.11 0.00	52.57 0.23 0.00	52.36 0.62 0.00	47.53 0.70 0.00	26.68 0.25 0.00	32.28 0.16 0.00	34.65 0.03 0.00	36.59 0.13 0.00	34.23 0.20 0.00	41.83 0.13 0.00	42.68 -0.03 0.00	47.41 -0.15 0.00	46.97 -0.12 0.00	44.69 -0.35 0.00	50.80 -0.33 0.00	54.25 0.14 0.00	50.41 0.25 0.00	53.34 0.92 0.00	39.70 0.79 0.00	30.75 0.40 0.00
ALCOA___DSASP 323711	54.37 -0.20 0.00	50.96 0.13 0.00	45.66 0.05 0.00	46.60 -0.05 0.00	53.17 0.11 0.00	52.57 0.23 0.00	52.36 0.63 0.00	47.53 0.70 0.00	26.68 0.25 0.00	32.28 0.16 0.00	34.65 0.03 0.00	36.59 0.13 0.00	34.23 0.20 0.00	41.83 0.13 0.00	42.68 -0.03 0.00	47.41 -0.14 0.00	46.97 -0.12 0.00	44.69 -0.35 0.00	50.80 -0.32 0.00	54.25 0.14 0.00	50.41 0.25 0.00	53.34 0.92 0.00	39.70 0.80 0.00	30.75 0.40 0.00
ALLEGHENY___COGEN 23514	54.17 -0.40 0.00	50.19 -0.65 0.00	45.04 -0.57 0.00	45.86 -0.79 0.00	52.45 -0.62 0.00	51.94 -0.40 0.00	51.26 -0.47 0.00	45.56 -1.27 0.00	25.18 -1.26 0.00	30.52 -1.59 0.00	33.02 -1.60 0.00	34.98 -1.48 0.00	32.68 -1.36 0.00	40.00 -1.70 0.00	40.76 -1.95 0.00	45.77 -1.79 0.00	45.77 -1.33 0.00	43.72 -1.31 0.00	49.69 -1.44 0.00	53.26 -0.85 0.00	49.96 -0.21 0.00	51.80 -0.62 0.00	38.12 -0.78 0.01	30.37 0.02 0.00
ALTAMONT_115KV_TB 2 55880	56.09 1.51 0.00	52.15 1.32 0.00	46.94 1.32 0.00	48.08 1.44 0.00	54.64 1.58 0.00	53.80 1.46 0.00	52.91 1.18 0.00	47.75 0.92 0.00	27.01 0.57 0.00	32.88 0.77 0.00	35.34 0.72 0.00	37.03 0.57 0.00	38.34 0.44 -3.87	46.27 0.51 -4.07	43.43 0.58 -0.13	48.04 0.58 0.10	47.67 0.57 0.00	45.80 0.77 0.00	52.00 0.87 0.00	54.75 0.63 0.00	50.86 0.69 0.00	52.95 0.53 0.00	39.40 0.50 0.00	30.89 0.54 0.00
ALTONA_WT_PWR 323606	53.55 -1.03 0.00	50.11 -0.72 0.00	44.94 -0.68 0.00	46.02 -0.63 0.00	52.67 -0.40 0.00	52.21 -0.14 0.00	52.13 0.40 0.00	47.26 0.43 0.00	26.51 0.07 0.00	32.05 -0.06 0.00	34.37 -0.25 0.00	36.29 -0.17 0.00	33.99 -0.05 0.00	41.60 -0.10 0.00	42.59 -0.11 0.00	47.35 -0.20 0.00	46.94 -0.15 0.00	44.68 -0.35 0.00	50.85 -0.27 0.00	54.21 0.09 0.00	50.35 0.18 0.00	53.10 0.68 0.00	39.60 0.70 0.00	30.89 0.54 0.00
AMERICAN_REF_FUEL 24010	51.28 -3.30 0.00	47.91 -2.93 0.00	42.95 -2.67 0.00	43.56 -3.09 0.00	49.89 -3.18 0.00	49.52 -2.82 0.00	48.39 -3.34 0.00	42.97 -3.86 0.00	24.11 -2.33 0.00	29.52 -2.59 0.00	31.89 -2.73 0.00	33.99 -2.47 0.00	31.84 -2.20 0.00	38.74 -2.96 0.00	39.32 -3.39 0.00	44.16 -3.40 0.00	44.23 -2.87 0.00	41.94 -3.10 0.00	47.40 -3.72 0.00	49.67 -4.45 0.00	45.78 -4.38 0.00	47.07 -5.35 0.00	34.78 -4.10 0.02	27.35 -3.00 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	53.16 -1.42 0.00	49.45 -1.39 0.00	44.37 -1.24 0.00	45.22 -1.43 0.00	51.90 -1.17 0.00	51.34 -1.00 0.00	50.00 -1.74 0.00	44.77 -2.06 0.00	25.36 -1.08 0.00	30.98 -1.14 0.00	33.67 -0.95 0.00	35.96 -0.50 0.00	33.70 -0.33 0.00	41.35 -0.36 0.00	42.08 -0.63 0.00	47.16 -0.40 0.00	47.13 0.03 0.00	44.94 -0.09 0.00	50.77 -0.36 0.00	53.12 -0.99 0.00	48.81 -1.36 0.00	50.08 -2.34 0.00	36.94 -1.95 0.02	28.93 -1.42 0.00
ARTHUR KILL_GT_1 23520	57.87 3.30 0.00	53.34 2.50 0.00	47.86 2.24 0.00	48.96 2.32 0.00	55.04 1.97 0.00	54.10 1.75 0.00	53.47 1.74 0.00	48.72 1.89 0.00	67.64 1.48 -39.73	47.51 1.95 -13.46	37.74 2.77 -0.35	39.46 3.00 0.00	38.11 3.07 -1.00	47.10 3.83 -1.57	47.89 4.21 -0.97	54.16 4.50 -2.10	51.58 4.48 0.00	49.42 4.39 0.00	55.51 4.39 0.00	57.83 3.72 0.00	53.47 3.30 0.00	55.26 2.84 0.00	41.43 2.52 0.00	34.03 2.14 -1.54
ARTHUR_KILL_2 23512	57.59 3.03 0.01	53.06 2.23 0.01	47.66 2.05 0.01	48.78 2.13 0.00	54.83 1.76 0.00	53.87 1.53 0.00	53.25 1.52 0.00	48.53 1.70 0.00	67.54 1.38 -39.72	47.39 1.82 -13.46	37.61 2.64 -0.35	39.32 2.86 0.00	37.97 2.94 -1.00	46.95 3.67 -1.57	47.73 4.05 -0.97	53.97 4.31 -2.10	51.38 4.28 0.00	49.22 4.18 0.00	55.29 4.16 0.00	57.57 3.46 0.00	53.23 3.06 0.00	55.03 2.61 0.00	41.25 2.35 0.00	33.90 2.01 -1.54
ARTHUR_KILL_3 23513	57.85 3.27 0.00	53.30 2.46 0.00	47.92 2.30 0.00	48.96 2.32 0.00	55.01 1.94 0.00	54.06 1.72 0.00	53.20 1.47 0.00	48.49 1.66 0.00	65.74 1.31 -37.99	47.32 1.74 -13.47	37.50 2.53 -0.35	39.28 2.83 0.00	37.80 2.76 -1.00	46.83 3.56 -1.57	47.48 3.81 -0.97	53.78 4.12 -2.10	51.16 4.06 0.00	49.02 3.99 0.00	55.08 3.95 0.00	57.30 3.18 0.00	53.01 2.84 0.00	54.82 2.40 0.00	41.05 2.14 0.00	33.70 1.81 -1.54

ARTHUR_KILL_COGEN 323718	57.85 3.29 0.01	53.29 2.46 0.01	47.85 2.24 0.01	48.96 2.32 0.00	55.05 1.98 0.00	54.09 1.75 0.00	53.46 1.74 0.00	48.72 1.89 0.00	67.64 1.49 -39.72	47.51 1.94 -13.46	37.74 2.77 -0.35	39.46 3.00 0.00	38.11 3.08 -1.00	47.09 3.82 -1.57	47.88 4.21 -0.97	54.16 4.50 -2.10	51.58 4.49 0.00	49.42 4.38 0.00	55.51 4.39 0.00	57.83 3.72 0.00	53.47 3.30 0.00	55.26 2.84 0.00	41.43 2.52 0.00	34.03 2.13 -1.54
ASHOKAN____ 23654	58.28 3.71 0.00	53.74 2.91 0.00	48.23 2.61 0.00	49.30 2.66 0.00	55.84 2.77 0.00	54.93 2.59 0.00	54.02 2.29 0.00	48.89 2.06 0.00	27.64 1.21 0.00	33.60 1.49 0.00	36.08 1.46 0.00	37.69 1.23 0.00	-27.29 1.26 62.58	-23.39 1.88 66.98	41.36 1.60 2.96	49.39 1.83 0.00	49.63 2.53 0.00	47.96 2.92 0.00	54.55 3.43 0.00	57.28 3.17 0.00	53.00 2.84 0.00	54.96 2.54 0.00	40.79 1.89 0.00	31.84 1.49 0.00
ASTORIA_EAST_ENERGY_CC1 323581	57.96 3.38 0.00	53.45 2.61 -0.01	48.09 2.48 0.01	49.06 2.42 0.00	55.28 2.22 0.00	54.25 1.91 0.00	53.44 1.71 0.00	48.79 1.96 0.00	67.62 1.46 -39.73	47.49 1.92 -13.46	37.65 2.68 -0.35	39.26 2.81 0.00	37.91 2.87 -1.00	46.88 3.60 -1.57	47.61 3.94 -0.97	53.89 4.23 -2.10	51.26 4.16 0.00	49.01 3.97 0.00	55.09 3.97 0.00	57.51 3.39 0.00	53.15 2.99 0.00	54.99 2.57 0.00	41.26 2.36 0.00	33.90 2.01 -1.54
ASTORIA_EAST_ENERGY_CC2 323582	57.96 3.38 0.00	53.45 2.61 -0.01	48.09 2.48 0.01	49.06 2.42 0.00	55.28 2.22 0.00	54.25 1.91 0.00	53.44 1.71 0.00	48.79 1.96 0.00	67.62 1.46 -39.73	47.49 1.92 -13.46	37.65 2.68 -0.35	39.26 2.81 0.00	37.91 2.87 -1.00	46.88 3.60 -1.57	47.61 3.94 -0.97	53.89 4.23 -2.10	51.26 4.16 0.00	49.01 3.97 0.00	55.09 3.97 0.00	57.51 3.39 0.00	53.15 2.99 0.00	54.99 2.57 0.00	41.26 2.36 0.00	33.90 2.01 -1.54
ASTORIA_GT2_1 24094	58.02 3.44 -0.01	53.50 2.65 -0.01	48.12 2.50 0.00	49.10 2.45 0.00	55.30 2.23 0.00	54.29 1.94 0.00	53.46 1.73 0.00	48.80 1.97 0.00	67.62 1.46 -39.73	47.50 1.94 -13.46	37.67 2.70 -0.35	39.28 2.82 0.00	37.92 2.89 -1.00	46.89 3.62 -1.57	47.63 3.95 -0.97	53.91 4.25 -2.10	51.28 4.18 0.00	49.03 4.00 0.00	55.13 4.00 0.00	57.53 3.41 0.00	53.18 3.01 0.00	55.03 2.61 0.00	41.28 2.37 0.00	33.91 2.02 -1.54
ASTORIA_GT2_2 24095	58.02 3.44 -0.01	53.50 2.65 -0.01	48.12 2.50 0.00	49.10 2.45 0.00	55.30 2.23 0.00	54.29 1.94 0.00	53.46 1.73 0.00	48.80 1.97 0.00	67.62 1.46 -39.73	47.50 1.94 -13.46	37.67 2.70 -0.35	39.28 2.82 0.00	37.92 2.89 -1.00	46.89 3.62 -1.57	47.63 3.95 -0.97	53.91 4.25 -2.10	51.28 4.18 0.00	49.03 4.00 0.00	55.13 4.00 0.00	57.53 3.41 0.00	53.18 3.01 0.00	55.03 2.61 0.00	41.28 2.37 0.00	33.91 2.02 -1.54
ASTORIA_GT2_3 24096	58.02 3.44 -0.01	53.50 2.65 -0.01	48.12 2.50 0.00	49.10 2.45 0.00	55.30 2.23 0.00	54.29 1.94 0.00	53.46 1.73 0.00	48.80 1.97 0.00	67.62 1.46 -39.73	47.50 1.94 -13.46	37.67 2.70 -0.35	39.28 2.82 0.00	37.92 2.89 -1.00	46.89 3.62 -1.57	47.63 3.95 -0.97	53.91 4.25 -2.10	51.28 4.18 0.00	49.03 4.00 0.00	55.13 4.00 0.00	57.53 3.41 0.00	53.18 3.01 0.00	55.03 2.61 0.00	41.28 2.37 0.00	33.91 2.02 -1.54
ASTORIA_GT2_4 24097	58.02 3.44 -0.01	53.50 2.65 -0.01	48.12 2.50 0.00	49.10 2.45 0.00	55.30 2.23 0.00	54.29 1.94 0.00	53.46 1.73 0.00	48.80 1.97 0.00	67.62 1.46 -39.73	47.50 1.94 -13.46	37.67 2.70 -0.35	39.28 2.82 0.00	37.92 2.89 -1.00	46.89 3.62 -1.57	47.63 3.95 -0.97	53.91 4.25 -2.10	51.28 4.18 0.00	49.03 4.00 0.00	55.13 4.00 0.00	57.53 3.41 0.00	53.18 3.01 0.00	55.03 2.61 0.00	41.28 2.37 0.00	33.91 2.02 -1.54
ASTORIA_GT3_1 24098	58.02 3.44 -0.01	53.50 2.65 -0.01	48.12 2.50 0.00	49.10 2.45 0.00	55.30 2.23 0.00	54.29 1.94 0.00	53.46 1.73 0.00	48.80 1.97 0.00	67.62 1.46 -39.73	47.50 1.94 -13.46	37.67 2.70 -0.35	39.28 2.82 0.00	37.92 2.89 -1.00	46.89 3.62 -1.57	47.63 3.95 -0.97	53.91 4.25 -2.10	51.28 4.18 0.00	49.03 4.00 0.00	55.13 4.00 0.00	57.53 3.41 0.00	53.18 3.01 0.00	55.03 2.61 0.00	41.28 2.37 0.00	33.91 2.02 -1.54
ASTORIA_GT3_2 24099	58.02 3.44 -0.01	53.50 2.65 -0.01	48.12 2.50 0.00	49.10 2.45 0.00	55.30 2.23 0.00	54.29 1.94 0.00	53.46 1.73 0.00	48.80 1.97 0.00	67.62 1.46 -39.73	47.50 1.94 -13.46	37.67 2.70 -0.35	39.28 2.82 0.00	37.92 2.89 -1.00	46.89 3.62 -1.57	47.63 3.95 -0.97	53.91 4.25 -2.10	51.28 4.18 0.00	49.03 4.00 0.00	55.13 4.00 0.00	57.53 3.41 0.00	53.18 3.01 0.00	55.03 2.61 0.00	41.28 2.37 0.00	33.91 2.02 -1.54
ASTORIA_GT3_3 24100	58.02 3.44 -0.01	53.50 2.65 -0.01	48.12 2.50 0.00	49.10 2.45 0.00	55.30 2.23 0.00	54.29 1.94 0.00	53.46 1.73 0.00	48.80 1.97 0.00	67.62 1.46 -39.73	47.50 1.94 -13.46	37.67 2.70 -0.35	39.28 2.82 0.00	37.92 2.89 -1.00	46.89 3.62 -1.57	47.63 3.95 -0.97	53.91 4.25 -2.10	51.28 4.18 0.00	49.03 4.00 0.00	55.13 4.00 0.00	57.53 3.41 0.00	53.18 3.01 0.00	55.03 2.61 0.00	41.28 2.37 0.00	33.91 2.02 -1.54
ASTORIA_GT3_4 24101	58.02 3.44 -0.01	53.50 2.65 -0.01	48.12 2.50 0.00	49.10 2.45 0.00	55.30 2.23 0.00	54.29 1.94 0.00	53.46 1.73 0.00	48.80 1.97 0.00	67.62 1.46 -39.73	47.50 1.94 -13.46	37.67 2.70 -0.35	39.28 2.82 0.00	37.92 2.89 -1.00	46.89 3.62 -1.57	47.63 3.95 -0.97	53.91 4.25 -2.10	51.28 4.18 0.00	49.03 4.00 0.00	55.13 4.00 0.00	57.53 3.41 0.00	53.18 3.01 0.00	55.03 2.61 0.00	41.28 2.37 0.00	33.91 2.02 -1.54
ASTORIA_GT4_1 24102	58.02 3.44 -0.01	53.50 2.65 -0.01	48.12 2.50 0.00	49.10 2.45 0.00	55.30 2.23 0.00	54.29 1.94 0.00	53.46 1.73 0.00	48.80 1.97 0.00	67.62 1.46 -39.73	47.50 1.94 -13.46	37.67 2.70 -0.35	39.28 2.82 0.00	37.92 2.89 -1.00	46.89 3.62 -1.57	47.63 3.95 -0.97	53.91 4.25 -2.10	51.28 4.18 0.00	49.03 4.00 0.00	55.13 4.00 0.00	57.53 3.41 0.00	53.18 3.01 0.00	55.03 2.61 0.00	41.28 2.37 0.00	33.91 2.02 -1.54
ASTORIA_GT4_2 24103	58.02 3.44 -0.01	53.50 2.65 -0.01	48.12 2.50 0.00	49.10 2.45 0.00	55.30 2.23 0.00	54.29 1.94 0.00	53.46 1.73 0.00	48.80 1.97 0.00	67.62 1.46 -39.73	47.50 1.94 -13.46	37.67 2.70 -0.35	39.28 2.82 0.00	37.92 2.89 -1.00	46.89 3.62 -1.57	47.63 3.95 -0.97	53.91 4.25 -2.10	51.28 4.18 0.00	49.03 4.00 0.00	55.13 4.00 0.00	57.53 3.41 0.00	53.18 3.01 0.00	55.03 2.61 0.00	41.28 2.37 0.00	33.91 2.02 -1.54
ASTORIA_GT4_3 24104	58.02 3.44 -0.01	53.50 2.65 -0.01	48.12 2.50 0.00	49.10 2.45 0.00	55.30 2.23 0.00	54.29 1.94 0.00	53.46 1.73 0.00	48.80 1.97 0.00	67.62 1.46 -39.73	47.50 1.94 -13.46	37.67 2.70 -0.35	39.28 2.82 0.00	37.92 2.89 -1.00	46.89 3.62 -1.57	47.63 3.95 -0.97	53.91 4.25 -2.10	51.28 4.18 0.00	49.03 4.00 0.00	55.13 4.00 0.00	57.53 3.41 0.00	53.18 3.01 0.00	55.03 2.61 0.00	41.28 2.37 0.00	33.91 2.02 -1.54

ASTORIA_GT4_4 24105	58.02 3.44 -0.01	53.50 2.65 -0.01	48.12 2.50 0.00	49.10 2.45 0.00	55.30 2.23 0.00	54.29 1.94 0.00	53.46 1.73 0.00	48.80 1.97 0.00	67.62 1.46 -39.73	47.50 1.94 -13.46	37.67 2.70 -0.35	39.28 2.82 0.00	37.92 2.89 -1.00	46.89 3.62 -1.57	47.63 3.95 -0.97	53.91 4.25 -2.10	51.28 4.18 0.00	49.03 4.00 0.00	55.13 4.00 0.00	57.53 3.41 0.00	53.18 3.01 0.00	55.03 2.61 0.00	41.28 2.37 0.00	33.91 2.02 -1.54
ASTORIA_GT_1 23523	58.15 3.57 -0.01	53.62 2.78 -0.01	48.23 2.61 0.00	49.19 2.55 0.00	55.43 2.36 0.00	54.39 2.05 0.00	53.57 1.84 0.00	48.92 2.09 0.00	67.69 1.53 -39.73	47.59 2.02 -13.46	37.76 2.79 -0.35	39.38 2.92 0.00	38.02 2.99 -1.00	47.01 3.74 -1.57	47.75 4.07 -0.97	54.05 4.39 -2.10	51.42 4.32 0.00	49.17 4.13 0.00	55.28 4.15 0.00	57.69 3.57 0.00	53.31 3.14 0.00	55.15 2.73 0.00	41.37 2.47 0.00	33.98 2.09 -1.54
ASTORIA_GT_10 24110	55.19 3.05 2.43	52.64 2.28 0.48	47.79 2.17 0.00	48.83 2.18 0.00	54.92 1.85 0.00	53.93 1.59 0.00	53.15 1.42 0.00	48.51 1.68 0.00	67.47 1.31 -39.73	47.33 1.76 -13.46	37.57 2.60 -0.35	39.25 2.79 0.00	37.83 2.80 -1.00	46.79 3.51 -1.57	47.53 3.86 -0.97	53.83 4.17 -2.10	51.19 4.10 0.00	49.00 3.97 0.00	54.97 3.85 0.00	57.30 3.19 0.00	52.99 2.83 0.00	54.83 2.41 0.00	41.11 2.21 0.00	33.84 1.95 -1.54
ASTORIA_GT_11 24225	55.19 3.05 2.43	52.64 2.28 0.48	47.79 2.17 0.00	48.83 2.18 0.00	54.92 1.85 0.00	53.93 1.59 0.00	53.15 1.42 0.00	48.51 1.68 0.00	67.47 1.31 -39.73	47.33 1.76 -13.46	37.57 2.60 -0.35	39.25 2.79 0.00	37.83 2.80 -1.00	46.79 3.51 -1.57	47.53 3.86 -0.97	53.83 4.17 -2.10	51.19 4.10 0.00	49.00 3.97 0.00	54.97 3.85 0.00	57.30 3.19 0.00	52.99 2.83 0.00	54.83 2.41 0.00	41.11 2.21 0.00	33.84 1.95 -1.54
ASTORIA_GT_12 24226	55.19 3.05 2.43	52.64 2.28 0.48	47.79 2.17 0.00	48.83 2.18 0.00	54.92 1.85 0.00	53.93 1.59 0.00	53.15 1.42 0.00	48.51 1.68 0.00	67.47 1.31 -39.73	47.33 1.76 -13.46	37.57 2.60 -0.35	39.25 2.79 0.00	37.83 2.80 -1.00	46.79 3.51 -1.57	47.53 3.86 -0.97	53.83 4.17 -2.10	51.19 4.10 0.00	49.00 3.97 0.00	54.97 3.85 0.00	57.30 3.19 0.00	52.99 2.83 0.00	54.83 2.41 0.00	41.11 2.21 0.00	33.84 1.95 -1.54
ASTORIA_GT_13 24227	55.19 3.05 2.43	52.64 2.28 0.48	47.79 2.17 0.00	48.83 2.18 0.00	54.92 1.85 0.00	53.93 1.59 0.00	53.15 1.42 0.00	48.51 1.68 0.00	67.47 1.31 -39.73	47.33 1.76 -13.46	37.57 2.60 -0.35	39.25 2.79 0.00	37.83 2.80 -1.00	46.79 3.51 -1.57	47.53 3.86 -0.97	53.83 4.17 -2.10	51.19 4.10 0.00	49.00 3.97 0.00	54.97 3.85 0.00	57.30 3.19 0.00	52.99 2.83 0.00	54.83 2.41 0.00	41.11 2.21 0.00	33.84 1.95 -1.54
ASTORIA_GT_5 24106	58.15 3.57 -0.01	53.62 2.78 -0.01	48.23 2.61 0.00	49.19 2.55 0.00	55.43 2.36 0.00	54.39 2.05 0.00	53.57 1.84 0.00	48.92 2.09 0.00	67.69 1.53 -39.73	47.59 2.02 -13.46	37.76 2.79 -0.35	39.38 2.92 0.00	38.02 2.99 -1.00	47.01 3.74 -1.57	47.75 4.07 -0.97	54.05 4.39 -2.10	51.42 4.32 0.00	49.17 4.13 0.00	55.28 4.15 0.00	57.69 3.57 0.00	53.31 3.14 0.00	55.15 2.73 0.00	41.37 2.47 0.00	33.98 2.09 -1.54
ASTORIA_GT_7 24107	58.15 3.57 -0.01	53.62 2.78 -0.01	48.23 2.61 0.00	49.19 2.55 0.00	55.43 2.36 0.00	54.39 2.05 0.00	53.57 1.84 0.00	48.92 2.09 0.00	67.69 1.53 -39.73	47.59 2.02 -13.46	37.76 2.79 -0.35	39.38 2.92 0.00	38.02 2.99 -1.00	47.01 3.74 -1.57	47.75 4.07 -0.97	54.05 4.39 -2.10	51.42 4.32 0.00	49.17 4.13 0.00	55.28 4.15 0.00	57.69 3.57 0.00	53.31 3.14 0.00	55.15 2.73 0.00	41.37 2.47 0.00	33.98 2.09 -1.54
ASTORIA_GT_8 24108	58.15 3.57 -0.01	53.62 2.78 -0.01	48.23 2.61 0.00	49.19 2.55 0.00	55.43 2.36 0.00	54.39 2.05 0.00	53.57 1.84 0.00	48.92 2.09 0.00	67.69 1.53 -39.73	47.59 2.02 -13.46	37.76 2.79 -0.35	39.38 2.92 0.00	38.02 2.99 -1.00	47.01 3.74 -1.57	47.75 4.07 -0.97	54.05 4.39 -2.10	51.42 4.32 0.00	49.17 4.13 0.00	55.28 4.15 0.00	57.69 3.57 0.00	53.31 3.14 0.00	55.15 2.73 0.00	41.37 2.47 0.00	33.98 2.09 -1.54
ASTORIA___2 24149	57.99 3.41 0.00	53.48 2.64 -0.01	48.12 2.50 0.01	49.09 2.45 0.00	55.30 2.23 0.00	54.28 1.94 0.00	53.46 1.72 0.00	48.80 1.97 0.00	67.64 1.48 -39.73	47.50 1.93 -13.46	37.67 2.69 -0.35	39.28 2.82 0.00	37.92 2.89 -1.00	46.89 3.62 -1.57	47.63 3.96 -0.97	53.91 4.25 -2.10	51.28 4.18 0.00	49.03 3.99 0.00	55.12 4.00 0.00	57.53 3.41 0.00	53.18 3.01 0.00	55.03 2.61 0.00	41.28 2.37 0.00	33.91 2.02 -1.54
ASTORIA___3 23516	55.16 3.03 2.44	52.62 2.27 0.49	47.79 2.17 0.01	48.82 2.18 0.00	54.92 1.85 0.00	53.93 1.59 0.00	53.15 1.42 0.00	48.51 1.68 0.00	67.48 1.32 -39.72	47.33 1.76 -13.46	37.57 2.60 -0.35	39.24 2.79 0.00	37.83 2.80 -1.00	46.78 3.50 -1.57	47.54 3.86 -0.97	53.83 4.17 -2.10	51.20 4.10 0.00	49.00 3.96 0.00	54.97 3.85 0.00	57.30 3.19 0.00	52.99 2.83 0.00	54.83 2.41 0.00	41.11 2.21 0.00	33.84 1.94 -1.54
ASTORIA___4 23517	55.19 3.05 2.43	52.64 2.28 0.48	47.79 2.17 0.00	48.83 2.18 0.00	54.92 1.85 0.00	53.93 1.58 0.00	53.15 1.42 0.00	48.51 1.68 0.00	67.47 1.31 -39.73	47.33 1.76 -13.46	37.57 2.60 -0.35	39.24 2.79 0.00	37.83 2.80 -1.00	46.78 3.51 -1.57	47.53 3.86 -0.97	53.83 4.17 -2.10	51.19 4.10 0.00	49.00 3.97 0.00	54.97 3.85 0.00	57.30 3.18 0.00	52.99 2.83 0.00	54.83 2.41 0.00	41.11 2.21 0.00	33.84 1.95 -1.54
ASTORIA___5 23518	55.16 3.03 2.44	52.61 2.26 0.49	47.79 2.17 0.01	48.82 2.18 0.00	54.92 1.85 0.00	53.93 1.59 0.00	53.15 1.42 0.00	48.51 1.68 0.00	67.48 1.32 -39.72	47.33 1.76 -13.46	37.57 2.60 -0.35	39.24 2.79 0.00	37.83 2.80 -1.00	46.78 3.50 -1.57	47.54 3.86 -0.97	53.83 4.17 -2.10	51.20 4.10 0.00	49.00 3.96 0.00	54.97 3.85 0.00	57.30 3.19 0.00	52.99 2.83 0.00	54.83 2.41 0.00	41.11 2.21 0.00	33.84 1.94 -1.54
AST_ENERGY_2_CC3 323677	57.97 3.40 0.00	53.41 2.57 0.00	47.99 2.38 0.00	49.04 2.39 0.00	55.13 2.06 0.00	54.18 1.84 0.00	53.35 1.62 0.00	48.61 1.79 0.00	67.59 1.38 -39.77	47.42 1.84 -13.47	37.62 2.65 -0.35	39.38 2.93 0.00	37.89 2.86 -1.00	46.90 3.62 -1.57	47.54 3.87 -0.97	53.88 4.22 -2.10	51.24 4.15 0.00	49.11 4.08 0.00	55.19 4.06 0.00	57.44 3.33 0.00	53.10 2.93 0.00	54.95 2.53 0.00	41.16 2.26 0.00	33.83 1.93 -1.54
AST_ENERGY_2_CC4 323678	57.97 3.40 0.00	53.41 2.57 0.00	47.99 2.38 0.00	49.04 2.39 0.00	55.13 2.06 0.00	54.18 1.84 0.00	53.35 1.62 0.00	48.61 1.79 0.00	67.59 1.38 -39.77	47.42 1.84 -13.47	37.62 2.65 -0.35	39.38 2.93 0.00	37.89 2.86 -1.00	46.90 3.62 -1.57	47.54 3.87 -0.97	53.88 4.22 -2.10	51.24 4.15 0.00	49.11 4.08 0.00	55.19 4.06 0.00	57.44 3.33 0.00	53.10 2.93 0.00	54.95 2.53 0.00	41.16 2.26 0.00	33.83 1.93 -1.54

ATHENS_STG_1 23668	56.57 1.99 0.00	52.41 1.57 0.00	47.15 1.53 0.00	48.30 1.65 0.00	54.84 1.78 0.00	53.97 1.62 0.00	52.99 1.26 0.00	47.87 1.04 0.00	33.41 0.72 -6.25	35.21 0.97 -2.12	35.78 1.11 -0.06	37.50 1.05 0.00	35.12 0.92 -0.16	42.80 1.20 0.11	43.98 1.33 0.07	48.83 1.42 0.14	48.47 1.37 0.00	46.53 1.50 0.00	52.67 1.55 0.00	55.27 1.16 0.00	51.27 1.10 0.00	53.28 0.87 0.00	39.67 0.77 0.00	31.31 0.71 -0.24
ATHENS_STG_2 23670	56.57 1.99 0.00	52.41 1.57 0.00	47.15 1.53 0.00	48.30 1.65 0.00	54.84 1.78 0.00	53.97 1.62 0.00	52.99 1.26 0.00	47.87 1.04 0.00	33.41 0.72 -6.25	35.21 0.97 -2.12	35.78 1.11 -0.06	37.50 1.05 0.00	35.12 0.92 -0.16	42.80 1.20 0.11	43.98 1.33 0.07	48.83 1.42 0.14	48.47 1.37 0.00	46.53 1.50 0.00	52.67 1.55 0.00	55.27 1.16 0.00	51.27 1.10 0.00	53.28 0.87 0.00	39.67 0.77 0.00	31.31 0.71 -0.24
ATHENS_STG_3 23677	56.57 1.99 0.00	52.41 1.57 0.00	47.15 1.53 0.00	48.30 1.65 0.00	54.84 1.78 0.00	53.97 1.62 0.00	52.99 1.26 0.00	47.87 1.04 0.00	33.41 0.72 -6.25	35.21 0.97 -2.12	35.78 1.11 -0.06	37.50 1.05 0.00	35.12 0.92 -0.16	42.80 1.20 0.11	43.98 1.33 0.07	48.83 1.42 0.14	48.47 1.37 0.00	46.53 1.50 0.00	52.67 1.55 0.00	55.27 1.16 0.00	51.27 1.10 0.00	53.28 0.87 0.00	39.67 0.77 0.00	31.31 0.71 -0.24
AUBURN____LFGE 323710	54.75 0.18 0.00	50.91 0.03 -0.04	45.78 0.17 0.00	46.73 0.08 0.00	53.01 -0.05 0.00	52.48 0.14 0.00	51.80 0.07 0.00	46.74 -0.09 0.00	26.33 -0.10 0.00	31.86 -0.25 0.00	34.30 -0.32 0.00	36.16 -0.30 0.00	33.72 -0.31 0.00	41.42 -0.28 0.00	42.54 -0.17 0.00	47.52 -0.04 0.00	47.27 0.17 0.00	45.35 0.31 0.00	51.58 0.46 0.00	54.40 0.28 0.00	50.56 0.39 0.00	52.53 0.12 0.00	38.85 -0.06 0.00	30.33 -0.02 0.00
BABYLON_RES_REC 323704	59.01 4.44 0.00	54.25 3.41 0.00	48.56 2.95 0.00	49.44 2.80 0.00	55.58 2.51 0.00	54.57 2.23 0.00	53.69 1.96 0.00	48.99 2.16 0.00	67.61 1.60 -39.58	50.14 2.23 -15.80	43.37 3.35 -5.40	39.90 3.45 0.00	63.87 3.34 -26.50	65.55 4.44 -19.41	49.68 4.59 -2.38	54.56 4.88 -2.12	51.16 4.06 0.00	49.05 4.01 0.00	55.55 4.42 0.00	57.55 3.44 0.00	53.12 2.95 0.00	55.17 2.76 0.00	41.67 2.76 0.00	34.13 2.24 -1.54
BALL_HILL_WT_PWR 323825	52.52 -2.06 0.00	48.97 -1.86 0.00	43.96 -1.66 0.00	44.75 -1.89 0.00	51.27 -1.79 0.00	50.73 -1.61 0.00	49.60 -2.13 0.00	44.19 -2.64 0.00	24.93 -1.51 0.00	30.48 -1.63 0.00	33.10 -1.52 0.00	35.29 -1.16 0.00	33.07 -0.96 0.00	40.47 -1.24 0.00	41.18 -1.53 0.00	46.29 -1.27 0.00	46.31 -0.78 0.00	44.10 -0.94 0.00	49.83 -1.29 0.00	52.19 -1.92 0.00	48.01 -2.16 0.00	49.35 -3.07 0.00	36.43 -2.45 0.02	28.56 -1.79 0.00
BARON_WINDS____WT_PWR 323822	52.35 -2.22 0.00	48.79 -2.06 -0.01	44.06 -1.56 0.00	45.03 -1.61 0.00	51.56 -1.51 0.00	50.94 -1.40 0.00	50.18 -1.55 0.00	44.76 -2.07 0.00	25.17 -1.26 0.00	30.73 -1.38 0.00	33.37 -1.25 0.00	35.42 -1.04 0.00	33.13 -0.91 0.00	40.67 -1.03 0.00	41.48 -1.23 0.00	46.45 -1.11 0.00	46.30 -0.79 0.00	44.27 -0.77 0.00	50.23 -0.90 0.00	53.10 -1.02 0.00	49.13 -1.04 0.00	50.73 -1.69 0.00	37.51 -1.39 0.01	29.40 -0.96 0.00
BARRETT_IC_1 23704	58.35 3.77 -0.01	53.89 3.05 -0.01	48.33 2.69 -0.03	49.25 2.60 -0.01	55.46 2.38 -0.01	54.49 2.14 -0.01	53.55 1.81 -0.01	48.70 1.88 0.00	67.41 1.40 -39.58	49.91 2.00 -15.80	42.96 2.93 -5.41	39.53 3.06 -0.01	64.27 2.93 -27.31	64.97 3.86 -19.42	49.22 4.12 -2.39	54.01 4.33 -2.12	50.70 3.60 -0.01	48.66 3.62 -0.01	54.96 3.83 -0.01	57.04 2.91 -0.01	52.71 2.54 -0.01	54.73 2.31 0.00	41.23 2.32 0.00	33.91 2.03 -1.54
BARRETT_IC_10 23701	58.35 3.77 -0.01	53.89 3.05 -0.01	48.33 2.69 -0.03	49.25 2.60 -0.01	55.46 2.38 -0.01	54.49 2.14 -0.01	53.55 1.81 -0.01	48.70 1.88 0.00	67.41 1.40 -39.58	49.91 2.00 -15.80	42.96 2.93 -5.41	39.53 3.06 -0.01	64.27 2.93 -27.31	64.97 3.86 -19.42	49.22 4.12 -2.39	54.01 4.33 -2.12	50.70 3.60 -0.01	48.66 3.62 -0.01	54.96 3.83 -0.01	57.04 2.91 -0.01	52.71 2.54 -0.01	54.73 2.31 0.00	41.23 2.32 0.00	33.91 2.03 -1.54
BARRETT_IC_11 23702	58.35 3.77 -0.01	53.89 3.05 -0.01	48.33 2.69 -0.03	49.25 2.60 -0.01	55.46 2.38 -0.01	54.49 2.14 -0.01	53.55 1.81 -0.01	48.70 1.88 0.00	67.41 1.40 -39.58	49.91 2.00 -15.80	42.96 2.93 -5.41	39.53 3.06 -0.01	64.27 2.93 -27.31	64.97 3.86 -19.42	49.22 4.12 -2.39	54.01 4.33 -2.12	50.70 3.60 -0.01	48.66 3.62 -0.01	54.96 3.83 -0.01	57.04 2.91 -0.01	52.71 2.54 -0.01	54.73 2.31 0.00	41.23 2.32 0.00	33.91 2.03 -1.54
BARRETT_IC_12 23703	58.35 3.77 -0.01	53.89 3.05 -0.01	48.33 2.69 -0.03	49.25 2.60 -0.01	55.46 2.38 -0.01	54.49 2.14 -0.01	53.55 1.81 -0.01	48.70 1.88 0.00	67.41 1.40 -39.58	49.91 2.00 -15.80	42.96 2.93 -5.41	39.53 3.06 -0.01	64.27 2.93 -27.31	64.97 3.86 -19.42	49.22 4.12 -2.39	54.01 4.33 -2.12	50.70 3.60 -0.01	48.66 3.62 -0.01	54.96 3.83 -0.01	57.04 2.91 -0.01	52.71 2.54 -0.01	54.73 2.31 0.00	41.23 2.32 0.00	33.91 2.03 -1.54
BARRETT_IC_2 23705	58.35 3.77 -0.01	53.89 3.05 -0.01	48.33 2.69 -0.03	49.25 2.60 -0.01	55.46 2.38 -0.01	54.49 2.14 -0.01	53.55 1.81 -0.01	48.70 1.88 0.00	67.41 1.40 -39.58	49.91 2.00 -15.80	42.96 2.93 -5.41	39.53 3.06 -0.01	64.27 2.93 -27.31	64.97 3.86 -19.42	49.22 4.12 -2.39	54.01 4.33 -2.12	50.70 3.60 -0.01	48.66 3.62 -0.01	54.96 3.83 -0.01	57.04 2.91 -0.01	52.71 2.54 -0.01	54.73 2.31 0.00	41.23 2.32 0.00	33.91 2.03 -1.54
BARRETT_IC_3 23706	58.35 3.77 -0.01	53.89 3.05 -0.01	48.33 2.69 -0.03	49.25 2.60 -0.01	55.46 2.38 -0.01	54.49 2.14 -0.01	53.55 1.81 -0.01	48.70 1.88 0.00	67.41 1.40 -39.58	49.91 2.00 -15.80	42.96 2.93 -5.41	39.53 3.06 -0.01	64.27 2.93 -27.31	64.97 3.86 -19.42	49.22 4.12 -2.39	54.01 4.33 -2.12	50.70 3.60 -0.01	48.66 3.62 -0.01	54.96 3.83 -0.01	57.04 2.91 -0.01	52.71 2.54 -0.01	54.73 2.31 0.00	41.23 2.32 0.00	33.91 2.03 -1.54
BARRETT_IC_4 23707	58.35 3.77 -0.01	53.89 3.05 -0.01	48.33 2.69 -0.03	49.25 2.60 -0.01	55.46 2.38 -0.01	54.49 2.14 -0.01	53.55 1.81 -0.01	48.70 1.88 0.00	67.41 1.40 -39.58	49.91 2.00 -15.80	42.96 2.93 -5.41	39.53 3.06 -0.01	64.27 2.93 -27.31	64.97 3.86 -19.42	49.22 4.12 -2.39	54.01 4.33 -2.12	50.70 3.60 -0.01	48.66 3.62 -0.01	54.96 3.83 -0.01	57.04 2.91 -0.01	52.71 2.54 -0.01	54.73 2.31 0.00	41.23 2.32 0.00	33.91 2.03 -1.54
BARRETT_IC_5 23708	58.35 3.77 -0.01	53.89 3.05 -0.01	48.33 2.69 -0.03	49.25 2.60 -0.01	55.46 2.38 -0.01	54.49 2.14 -0.01	53.55 1.81 -0.01	48.70 1.88 0.00	67.41 1.40 -39.58	49.91 2.00 -15.80	42.96 2.93 -5.41	39.53 3.06 -0.01	64.27 2.93 -27.31	64.97 3.86 -19.42	49.22 4.12 -2.39	54.01 4.33 -2.12	50.70 3.60 -0.01	48.66 3.62 -0.01	54.96 3.83 -0.01	57.04 2.91 -0.01	52.71 2.54 -0.01	54.73 2.31 0.00	41.23 2.32 0.00	33.91 2.03 -1.54

BARRETT_IC_6 23709	58.35 3.77 -0.01	53.89 3.05 -0.01	48.33 2.69 -0.03	49.25 2.60 -0.01	55.46 2.38 -0.01	54.49 2.14 -0.01	53.55 1.81 -0.01	48.70 1.88 0.00	67.41 1.40 -39.58	49.91 2.00 -15.80	42.96 2.93 -5.41	39.53 3.06 -0.01	64.27 2.93 -27.31	64.97 3.86 -19.42	49.22 4.12 -2.39	54.01 4.33 -2.12	50.70 3.60 -0.01	48.66 3.62 -0.01	54.96 3.83 -0.01	57.04 2.91 -0.01	52.71 2.54 -0.01	54.73 2.31 0.00	41.23 2.32 0.00	33.91 2.03 -1.54
BARRETT_IC_7 23710	58.36 3.79 0.00	53.89 3.05 0.00	48.33 2.69 -0.02	49.24 2.60 0.00	55.44 2.37 0.00	54.48 2.14 0.00	53.55 1.81 0.00	48.71 1.88 0.00	67.41 1.40 -39.58	49.91 2.00 -15.80	42.95 2.94 -5.40	39.52 3.06 0.00	64.26 2.93 -27.30	64.97 3.86 -19.41	49.21 4.12 -2.38	54.01 4.33 -2.12	50.69 3.59 0.00	48.66 3.63 0.00	54.95 3.83 0.00	57.03 2.92 0.00	52.71 2.54 0.00	54.73 2.32 0.00	41.22 2.32 0.00	33.91 2.03 -1.54
BARRETT_IC_8 23711	58.35 3.77 -0.01	53.89 3.05 -0.01	48.33 2.69 -0.03	49.25 2.60 -0.01	55.46 2.38 -0.01	54.49 2.14 -0.01	53.55 1.81 -0.01	48.70 1.88 0.00	67.41 1.40 -39.58	49.91 2.00 -15.80	42.96 2.93 -5.41	39.53 3.06 -0.01	64.27 2.93 -27.31	64.97 3.86 -19.42	49.22 4.12 -2.39	54.01 4.33 -2.12	50.70 3.60 -0.01	48.66 3.62 -0.01	54.96 3.83 -0.01	57.04 2.91 -0.01	52.71 2.54 -0.01	54.73 2.31 0.00	41.23 2.32 0.00	33.91 2.03 -1.54
BARRETT_IC_9 23700	58.35 3.77 -0.01	53.89 3.05 -0.01	48.33 2.69 -0.03	49.25 2.60 -0.01	55.46 2.38 -0.01	54.49 2.14 -0.01	53.55 1.81 -0.01	48.70 1.88 0.00	67.41 1.40 -39.58	49.91 2.00 -15.80	42.96 2.93 -5.41	39.53 3.06 -0.01	64.27 2.93 -27.31	64.97 3.86 -19.42	49.22 4.12 -2.39	54.01 4.33 -2.12	50.70 3.60 -0.01	48.66 3.62 -0.01	54.96 3.83 -0.01	57.04 2.91 -0.01	52.71 2.54 -0.01	54.73 2.31 0.00	41.23 2.32 0.00	33.91 2.03 -1.54
BARRETT___1 23545	58.35 3.77 -0.01	53.89 3.05 -0.01	48.33 2.69 -0.03	49.25 2.60 -0.01	55.46 2.38 -0.01	54.49 2.14 -0.01	53.55 1.81 -0.01	48.70 1.88 0.00	67.41 1.40 -39.58	49.91 2.00 -15.80	42.96 2.93 -5.41	39.53 3.06 -0.01	64.27 2.93 -27.31	64.97 3.86 -19.42	49.22 4.12 -2.39	54.01 4.33 -2.12	50.70 3.60 -0.01	48.66 3.62 -0.01	54.96 3.83 -0.01	57.04 2.91 -0.01	52.71 2.54 -0.01	54.73 2.31 0.00	41.23 2.32 0.00	33.91 2.03 -1.54
BARRETT___2 23546	58.35 3.77 -0.01	53.89 3.05 -0.01	48.33 2.69 -0.03	49.25 2.60 -0.01	55.46 2.38 -0.01	54.49 2.14 -0.01	53.55 1.81 -0.01	48.70 1.88 0.00	67.41 1.40 -39.58	49.91 2.00 -15.80	42.96 2.93 -5.41	39.53 3.06 -0.01	64.27 2.93 -27.31	64.97 3.86 -19.42	49.22 4.12 -2.39	54.01 4.33 -2.12	50.70 3.60 -0.01	48.66 3.62 -0.01	54.96 3.83 -0.01	57.04 2.91 -0.01	52.71 2.54 -0.01	54.73 2.31 0.00	41.23 2.32 0.00	33.91 2.03 -1.54
BATAVIA___115KV_TB1 55881	53.70 -0.87 0.00	50.04 -0.80 0.00	44.78 -0.84 0.00	45.45 -1.20 0.00	52.02 -1.05 0.00	51.60 -0.75 0.00	50.54 -1.20 0.00	44.96 -1.87 0.00	25.16 -1.27 0.00	30.68 -1.43 0.00	33.06 -1.57 0.00	35.35 -1.11 0.00	32.90 -1.13 0.00	40.10 -1.60 0.00	40.86 -1.85 0.00	45.92 -1.64 0.00	45.99 -1.11 0.00	43.74 -1.29 0.00	49.72 -1.41 0.00	52.55 -1.57 0.00	48.61 -1.56 0.00	50.06 -2.35 0.00	36.89 -2.01 0.01	28.82 -1.53 0.00
BAYONEEC___CTG1 323682	58.04 3.47 0.00	53.47 2.63 0.00	48.07 2.45 0.00	49.14 2.50 0.00	55.24 2.17 0.00	54.26 1.92 0.00	53.43 1.70 0.00	48.68 1.85 0.00	67.64 1.44 -39.77	47.47 1.89 -13.47	37.66 2.68 -0.35	39.43 2.97 0.00	37.94 2.90 -1.00	46.98 3.71 -1.57	47.63 3.96 -0.97	53.98 4.32 -2.10	51.34 4.24 0.00	49.19 4.16 0.00	55.26 4.13 0.00	57.50 3.38 0.00	53.16 3.00 0.00	55.01 2.59 0.00	41.21 2.31 0.00	33.84 1.95 -1.54
BAYONEEC___CTG10 323750	58.04 3.47 0.00	53.47 2.63 0.00	48.07 2.45 0.00	49.14 2.50 0.00	55.24 2.17 0.00	54.26 1.92 0.00	53.43 1.70 0.00	48.68 1.85 0.00	67.64 1.44 -39.77	47.47 1.89 -13.47	37.66 2.68 -0.35	39.43 2.97 0.00	37.94 2.90 -1.00	46.98 3.71 -1.57	47.63 3.96 -0.97	53.98 4.32 -2.10	51.34 4.24 0.00	49.19 4.16 0.00	55.26 4.13 0.00	57.50 3.38 0.00	53.16 3.00 0.00	55.01 2.59 0.00	41.21 2.31 0.00	33.84 1.95 -1.54
BAYONEEC___CTG2 323683	58.04 3.47 0.00	53.47 2.63 0.00	48.07 2.45 0.00	49.14 2.50 0.00	55.24 2.17 0.00	54.26 1.92 0.00	53.43 1.70 0.00	48.68 1.85 0.00	67.64 1.44 -39.77	47.47 1.89 -13.47	37.66 2.68 -0.35	39.43 2.97 0.00	37.94 2.90 -1.00	46.98 3.71 -1.57	47.63 3.96 -0.97	53.98 4.32 -2.10	51.34 4.24 0.00	49.19 4.16 0.00	55.26 4.13 0.00	57.50 3.38 0.00	53.16 3.00 0.00	55.01 2.59 0.00	41.21 2.31 0.00	33.84 1.95 -1.54
BAYONEEC___CTG3 323684	58.04 3.47 0.00	53.47 2.63 0.00	48.07 2.45 0.00	49.14 2.50 0.00	55.24 2.17 0.00	54.26 1.92 0.00	53.43 1.70 0.00	48.68 1.85 0.00	67.64 1.44 -39.77	47.47 1.89 -13.47	37.66 2.68 -0.35	39.43 2.97 0.00	37.94 2.90 -1.00	46.98 3.71 -1.57	47.63 3.96 -0.97	53.98 4.32 -2.10	51.34 4.24 0.00	49.19 4.16 0.00	55.26 4.13 0.00	57.50 3.38 0.00	53.16 3.00 0.00	55.01 2.59 0.00	41.21 2.31 0.00	33.84 1.95 -1.54
BAYONEEC___CTG4 323685	58.04 3.47 0.00	53.47 2.63 0.00	48.07 2.45 0.00	49.14 2.50 0.00	55.24 2.17 0.00	54.26 1.92 0.00	53.43 1.70 0.00	48.68 1.85 0.00	67.64 1.44 -39.77	47.47 1.89 -13.47	37.66 2.68 -0.35	39.43 2.97 0.00	37.94 2.90 -1.00	46.98 3.71 -1.57	47.63 3.96 -0.97	53.98 4.32 -2.10	51.34 4.24 0.00	49.19 4.16 0.00	55.26 4.13 0.00	57.50 3.38 0.00	53.16 3.00 0.00	55.01 2.59 0.00	41.21 2.31 0.00	33.84 1.95 -1.54
BAYONEEC___CTG5 323686	58.04 3.47 0.00	53.47 2.63 0.00	48.07 2.45 0.00	49.14 2.50 0.00	55.24 2.17 0.00	54.26 1.92 0.00	53.43 1.70 0.00	48.68 1.85 0.00	67.64 1.44 -39.77	47.47 1.89 -13.47	37.66 2.68 -0.35	39.43 2.97 0.00	37.94 2.90 -1.00	46.98 3.71 -1.57	47.63 3.96 -0.97	53.98 4.32 -2.10	51.34 4.24 0.00	49.19 4.16 0.00	55.26 4.13 0.00	57.50 3.38 0.00	53.16 3.00 0.00	55.01 2.59 0.00	41.21 2.31 0.00	33.84 1.95 -1.54
BAYONEEC___CTG6 323687	58.04 3.47 0.00	53.47 2.63 0.00	48.07 2.45 0.00	49.14 2.50 0.00	55.24 2.17 0.00	54.26 1.92 0.00	53.43 1.70 0.00	48.68 1.85 0.00	67.64 1.44 -39.77	47.47 1.89 -13.47	37.66 2.68 -0.35	39.43 2.97 0.00	37.94 2.90 -1.00	46.98 3.71 -1.57	47.63 3.96 -0.97	53.98 4.32 -2.10	51.34 4.24 0.00	49.19 4.16 0.00	55.26 4.13 0.00	57.50 3.38 0.00	53.16 3.00 0.00	55.01 2.59 0.00	41.21 2.31 0.00	33.84 1.95 -1.54
BAYONEEC___CTG7 323688	58.04 3.47 0.00	53.47 2.63 0.00	48.07 2.45 0.00	49.14 2.50 0.00	55.24 2.17 0.00	54.26 1.92 0.00	53.43 1.70 0.00	48.68 1.85 0.00	67.64 1.44 -39.77	47.47 1.89 -13.47	37.66 2.68 -0.35	39.43 2.97 0.00	37.94 2.90 -1.00	46.98 3.71 -1.57	47.63 3.96 -0.97	53.98 4.32 -2.10	51.34 4.24 0.00	49.19 4.16 0.00	55.26 4.13 0.00	57.50 3.38 0.00	53.16 3.00 0.00	55.01 2.59 0.00	41.21 2.31 0.00	33.84 1.95 -1.54

BAYONEEC___CTG8 323689	58.04 3.47 0.00	53.47 2.63 0.00	48.07 2.45 0.00	49.14 2.50 0.00	55.24 2.17 0.00	54.26 1.92 0.00	53.43 1.70 0.00	48.68 1.85 0.00	67.64 1.44 -39.77	47.47 1.89 -13.47	37.66 2.68 -0.35	39.43 2.97 0.00	37.94 2.90 -1.00	46.98 3.71 -1.57	47.63 3.96 -0.97	53.98 4.32 -2.10	51.34 4.24 0.00	49.19 4.16 0.00	55.26 4.13 0.00	57.50 3.38 0.00	53.16 3.00 0.00	55.01 2.59 0.00	41.21 2.31 0.00	33.84 1.95 -1.54
BAYONEEC___CTG9 323749	58.04 3.47 0.00	53.47 2.63 0.00	48.07 2.45 0.00	49.14 2.50 0.00	55.24 2.17 0.00	54.26 1.92 0.00	53.43 1.70 0.00	48.68 1.85 0.00	67.64 1.44 -39.77	47.47 1.89 -13.47	37.66 2.68 -0.35	39.43 2.97 0.00	37.94 2.90 -1.00	46.98 3.71 -1.57	47.63 3.96 -0.97	53.98 4.32 -2.10	51.34 4.24 0.00	49.19 4.16 0.00	55.26 4.13 0.00	57.50 3.38 0.00	53.16 3.00 0.00	55.01 2.59 0.00	41.21 2.31 0.00	33.84 1.95 -1.54
BEACON___LESR 323632	56.32 1.74 0.00	52.42 1.59 0.00	47.28 1.66 0.00	48.40 1.75 0.00	55.03 1.96 0.00	54.09 1.75 0.00	53.26 1.53 0.00	48.02 1.19 0.00	27.20 0.76 0.00	33.16 1.05 0.00	35.43 0.81 0.00	37.13 0.67 0.00	34.52 0.48 0.00	42.08 0.46 0.08	43.22 0.56 0.05	48.01 0.56 0.11	47.73 0.63 0.00	46.00 0.96 0.00	52.26 1.14 0.00	54.80 0.68 0.00	50.86 0.69 0.00	53.00 0.58 0.00	39.44 0.54 0.00	31.06 0.71 0.00
BEAVER RIVER___HYD 24048	55.13 0.56 0.00	51.80 0.94 -0.02	46.24 0.62 0.00	47.39 0.74 0.00	54.48 1.41 0.00	53.77 1.42 0.00	53.24 1.50 0.00	48.13 1.30 0.00	26.95 0.51 0.00	32.48 0.37 0.00	34.67 0.05 0.00	36.49 0.03 0.00	34.16 0.13 0.00	41.76 0.06 0.00	42.61 -0.10 0.00	47.27 -0.29 0.00	46.98 -0.11 0.00	45.14 0.11 0.00	51.69 0.57 0.00	55.54 1.42 0.00	52.10 1.94 0.00	55.02 2.60 0.00	40.78 1.88 0.00	31.65 1.30 0.00
BEEBEE_GT_13 23619	53.63 -0.94 0.00	49.95 -0.88 0.00	44.74 -0.88 0.00	45.50 -1.14 0.00	51.95 -1.11 0.00	51.41 -0.93 0.00	50.53 -1.20 0.00	45.25 -1.59 0.00	25.44 -0.99 0.00	31.07 -1.04 0.00	33.56 -1.06 0.00	35.53 -0.93 0.00	33.26 -0.77 0.00	40.68 -1.02 0.00	41.52 -1.19 0.00	46.54 -1.02 0.00	46.55 -0.54 0.00	44.43 -0.61 0.00	50.39 -0.74 0.00	53.06 -1.06 0.00	48.93 -1.24 0.00	50.54 -1.87 0.00	37.32 -1.58 0.00	29.16 -1.19 0.00
BENSHRST_27_KV_BENSHRST_1 355998	58.41 3.84 0.00	53.80 2.96 0.00	48.29 2.67 0.00	49.35 2.71 0.00	55.50 2.43 0.00	54.49 2.15 0.00	53.71 1.98 0.00	48.98 2.15 0.00	67.79 1.63 -39.73	47.74 2.18 -13.46	38.02 3.05 -0.35	39.76 3.30 0.00	38.33 3.29 -1.00	47.40 4.13 -1.57	48.18 4.51 -0.97	54.54 4.88 -2.10	51.90 4.80 0.00	49.70 4.67 0.00	55.78 4.66 0.00	58.11 4.00 0.00	53.74 3.57 0.00	55.57 3.15 0.00	41.65 2.75 0.00	34.21 2.32 -1.54
BETHLEHEM___GRP 23843	55.62 1.05 0.00	51.78 0.94 0.00	46.67 1.05 0.00	47.82 1.18 0.00	54.32 1.26 0.00	53.47 1.13 0.00	52.60 0.87 0.00	47.48 0.65 0.00	26.85 0.42 0.00	32.71 0.59 0.00	34.98 0.36 0.00	36.59 0.13 0.00	34.04 0.01 0.00	41.56 -0.07 0.08	42.68 0.02 0.05	47.35 -0.10 0.11	47.00 -0.10 0.00	45.17 0.14 0.00	51.27 0.14 0.00	53.92 -0.20 0.00	50.12 -0.05 0.00	52.16 -0.25 0.00	38.95 0.05 0.00	30.75 0.40 0.00
BETHLEHEM___GS1 323560	55.61 1.04 0.00	51.78 0.94 0.00	46.67 1.05 0.00	47.82 1.18 0.00	54.32 1.26 0.00	53.47 1.13 0.00	52.60 0.87 0.00	47.48 0.65 0.00	26.85 0.42 0.00	32.70 0.59 0.00	34.98 0.36 0.00	36.59 0.13 0.00	34.04 0.01 0.00	41.55 -0.07 0.08	42.69 0.03 0.05	47.35 -0.10 0.11	47.00 -0.10 0.00	45.17 0.13 0.00	51.27 0.14 0.00	53.92 -0.19 0.00	50.12 -0.05 0.00	52.17 -0.25 0.00	38.95 0.05 0.00	30.75 0.40 0.00
BETHLEHEM___GS2 323561	55.61 1.04 0.00	51.78 0.94 0.00	46.67 1.05 0.00	47.82 1.18 0.00	54.32 1.26 0.00	53.47 1.13 0.00	52.60 0.87 0.00	47.48 0.65 0.00	26.85 0.42 0.00	32.70 0.59 0.00	34.98 0.36 0.00	36.59 0.13 0.00	34.04 0.01 0.00	41.55 -0.07 0.08	42.69 0.03 0.05	47.35 -0.10 0.11	47.00 -0.10 0.00	45.17 0.13 0.00	51.27 0.14 0.00	53.92 -0.19 0.00	50.12 -0.05 0.00	52.17 -0.25 0.00	38.95 0.05 0.00	30.75 0.40 0.00
BETHLEHEM___GS3 323562	55.61 1.04 0.00	51.78 0.94 0.00	46.67 1.05 0.00	47.82 1.18 0.00	54.32 1.26 0.00	53.47 1.13 0.00	52.60 0.87 0.00	47.48 0.65 0.00	26.85 0.42 0.00	32.70 0.59 0.00	34.98 0.36 0.00	36.59 0.13 0.00	34.04 0.01 0.00	41.55 -0.07 0.08	42.69 0.03 0.05	47.35 -0.10 0.11	47.00 -0.10 0.00	45.17 0.13 0.00	51.27 0.14 0.00	53.92 -0.19 0.00	50.12 -0.05 0.00	52.17 -0.25 0.00	38.95 0.05 0.00	30.75 0.40 0.00
BETHLEHEM___STEEL 23779	52.41 -2.16 0.00	48.91 -1.93 0.00	43.87 -1.75 0.00	44.58 -2.07 0.00	51.06 -2.01 0.00	50.59 -1.75 0.00	49.50 -2.23 0.00	44.04 -2.79 0.00	24.76 -1.67 0.00	30.32 -1.79 0.00	32.86 -1.76 0.00	35.01 -1.45 0.00	32.78 -1.25 0.00	40.01 -1.69 0.00	40.74 -1.96 0.00	45.80 -1.76 0.00	45.89 -1.21 0.00	43.65 -1.39 0.00	49.35 -1.77 0.00	51.75 -2.36 0.00	47.62 -2.55 0.00	48.96 -3.46 0.00	36.14 -2.75 0.02	28.31 -2.04 0.00
BETHLHEM_115KV_TB1 79974	55.70 1.13 0.00	51.86 1.02 0.00	46.72 1.11 0.00	47.88 1.24 0.00	54.38 1.31 0.00	53.55 1.21 0.00	52.65 0.92 0.00	47.53 0.70 0.00	26.89 0.45 0.00	32.75 0.64 0.00	35.07 0.45 0.00	36.70 0.24 0.00	34.14 0.10 0.00	41.68 0.06 0.08	42.82 0.16 0.05	47.52 0.07 0.11	47.15 0.05 0.00	45.31 0.27 0.00	51.42 0.29 0.00	54.09 -0.03 0.00	50.27 0.10 0.00	52.32 -0.10 0.00	39.03 0.13 0.00	30.77 0.42 0.00
BETHPAGE_CC_5 323564	58.49 3.92 0.00	53.82 2.99 0.00	48.23 2.62 0.00	49.15 2.51 0.00	55.28 2.21 0.00	54.29 1.95 0.00	53.41 1.68 0.00	48.68 1.85 0.00	67.43 1.42 -39.58	49.95 2.03 -15.80	43.06 3.04 -5.40	39.61 3.15 0.00	63.63 3.08 -26.52	65.15 4.03 -19.41	49.33 4.25 -2.38	54.17 4.50 -2.12	50.88 3.78 0.00	48.79 3.76 0.00	55.16 4.04 0.00	57.16 3.04 0.00	52.78 2.61 0.00	54.83 2.41 0.00	41.42 2.52 0.00	33.93 2.04 -1.54
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	52.51 -2.06 0.00	48.99 -1.84 0.00	43.95 -1.67 0.00	44.66 -1.99 0.00	51.13 -1.94 0.00	50.66 -1.68 0.00	49.58 -2.15 0.00	44.15 -2.69 0.00	24.82 -1.61 0.00	30.41 -1.70 0.00	32.97 -1.65 0.00	35.12 -1.34 0.00	32.88 -1.15 0.00	40.14 -1.56 0.00	40.89 -1.82 0.00	45.96 -1.60 0.00	46.06 -1.04 0.00	43.81 -1.23 0.00	49.53 -1.60 0.00	51.92 -2.19 0.00	47.78 -2.39 0.00	49.11 -3.31 0.00	36.23 -2.65 0.02	28.38 -1.97 0.00
BINGHAMTON___COGEN 23790	54.50 -0.08 0.00	50.64 -0.21 -0.02	45.50 -0.12 0.00	46.53 -0.12 0.00	53.02 -0.05 0.00	52.27 -0.07 0.00	51.45 -0.28 0.00	46.35 -0.48 0.00	26.24 -0.19 0.00	31.94 -0.17 0.00	34.62 0.00 0.08	36.53 0.08 0.00	34.14 0.10 0.00	41.94 0.24 0.00	42.94 0.23 0.00	47.91 0.36 0.00	47.56 0.46 0.00	45.60 0.56 0.00	51.72 0.60 0.00	54.45 0.34 0.00	50.29 0.12 0.00	52.16 -0.26 0.00	38.67 -0.23 0.00	30.23 -0.12 0.00

BIXINCNT_115KV_LOAD 355685	52.61 -1.96 0.00	49.15 -1.69 0.00	44.27 -1.36 0.00	45.06 -1.59 0.00	51.59 -1.48 0.00	51.08 -1.27 0.00	50.06 -1.67 0.00	44.66 -2.17 0.00	25.15 -1.28 0.00	30.87 -1.24 0.00	33.52 -1.10 0.00	35.67 -0.79 0.00	33.40 -0.63 0.00	40.85 -0.85 0.00	41.61 -1.10 0.00	46.72 -0.85 0.00	46.71 -0.39 0.00	44.46 -0.58 0.00	50.23 -0.89 0.00	52.68 -1.44 0.00	48.45 -1.72 0.00	49.75 -2.67 0.00	36.67 -2.22 0.02	28.79 -1.56 0.00
BLACK RIVER___HYD 24047	55.38 0.81 0.00	52.07 1.20 -0.04	46.57 0.95 0.00	47.67 1.03 0.00	54.79 1.72 0.00	54.02 1.68 0.00	53.45 1.72 0.00	48.24 1.41 0.00	26.99 0.56 0.00	32.51 0.40 0.00	34.71 0.10 0.00	36.45 -0.01 0.00	34.11 0.08 0.00	41.74 0.04 0.00	42.58 -0.13 0.00	47.22 -0.34 0.00	46.99 -0.11 0.00	45.23 0.20 0.00	51.87 0.74 0.00	55.95 1.83 0.00	52.70 2.53 0.00	55.68 3.26 0.00	41.18 2.28 0.00	31.96 1.61 0.00
BLACKRVR_115KV_TB2 79977	55.38 0.81 0.00	52.07 1.20 -0.04	46.57 0.95 0.00	47.67 1.03 0.00	54.79 1.72 0.00	54.02 1.68 0.00	53.45 1.72 0.00	48.24 1.41 0.00	26.99 0.55 0.00	32.51 0.40 0.00	34.71 0.10 0.00	36.45 -0.01 0.00	34.11 0.08 0.00	41.74 0.04 0.00	42.57 -0.13 0.00	47.22 -0.34 0.00	46.99 -0.11 0.00	45.23 0.19 0.00	51.87 0.74 0.00	55.95 1.84 0.00	52.70 2.53 0.00	55.68 3.26 0.00	41.18 2.28 0.00	31.95 1.60 0.00
BLDWN_LI_69_KV_BK4 356085	59.04 4.47 0.00	54.40 3.56 0.00	48.72 3.09 -0.01	49.62 2.97 0.00	55.84 2.77 0.00	54.87 2.53 0.00	53.93 2.20 0.00	49.11 2.28 0.00	67.66 1.64 -39.58	50.21 2.29 -15.80	43.30 3.27 -5.40	39.86 3.41 0.00	64.01 3.26 -26.72	65.36 4.24 -19.41	49.59 4.50 -2.38	54.43 4.76 -2.12	51.25 4.15 0.00	49.25 4.21 0.00	55.61 4.49 0.00	57.68 3.57 0.00	53.28 3.11 0.00	55.41 2.99 0.00	41.69 2.78 0.00	34.19 2.30 -1.54
BLISS_WT_PWR 323608	52.49 -2.08 0.00	49.03 -1.81 0.00	44.20 -1.42 0.00	45.01 -1.64 0.00	51.56 -1.51 0.00	51.05 -1.29 0.00	50.03 -1.70 0.00	44.63 -2.20 0.00	25.13 -1.30 0.00	30.88 -1.24 0.00	33.52 -1.10 0.00	35.67 -0.79 0.00	33.41 -0.62 0.00	40.90 -0.80 0.00	41.63 -1.08 0.00	46.73 -0.83 0.00	46.72 -0.38 0.00	44.47 -0.57 0.00	50.24 -0.89 0.00	52.68 -1.44 0.00	48.44 -1.73 0.00	49.71 -2.70 0.00	36.63 -2.26 0.02	28.78 -1.57 0.00
BLUESTONE___WT_PWR 323821	54.20 -0.37 0.00	50.08 -0.77 -0.02	45.25 -0.37 0.00	45.70 -0.94 0.00	52.17 -0.90 0.00	52.28 -0.06 0.00	52.07 0.34 0.00	47.12 0.29 0.00	26.67 0.24 0.00	32.50 0.38 0.00	35.24 0.62 0.00	37.34 0.88 0.00	35.01 0.98 0.00	43.28 1.58 0.00	44.38 1.67 0.00	49.65 2.09 0.00	49.37 2.27 0.00	47.60 2.56 0.00	54.31 3.18 0.00	57.47 3.35 0.00	53.08 2.91 0.00	55.06 2.65 0.00	40.66 1.76 0.00	31.67 1.32 0.00
BLUE_CIRC_CHEM_DRP 24182	55.43 0.86 0.00	52.23 1.40 0.00	47.10 1.48 0.00	48.29 1.64 0.00	54.91 1.84 0.00	54.06 1.71 0.00	53.13 1.39 0.00	47.86 1.02 0.00	27.06 0.62 0.00	32.93 0.82 0.00	35.25 0.63 0.00	36.76 0.30 0.00	-32.51 -0.26 66.28	-29.80 -0.49 71.01	38.98 -0.55 3.17	46.75 -0.71 0.10	46.39 -0.71 0.00	44.57 -0.46 0.00	50.66 -0.47 0.00	53.44 -0.68 0.00	49.70 -0.47 0.00	51.78 -0.64 0.00	38.56 -0.34 0.00	30.28 -0.07 0.00
BOC_GAS_DRP 24189	55.81 1.24 0.00	51.92 1.09 0.00	46.76 1.15 0.00	47.92 1.27 0.00	54.47 1.40 0.00	53.62 1.28 0.00	52.71 0.98 0.00	47.58 0.75 0.00	26.92 0.49 0.00	32.80 0.68 0.00	35.26 0.64 0.00	36.94 0.49 0.00	38.61 0.35 -4.22	46.56 0.42 -4.44	43.36 0.50 -0.15	47.94 0.48 0.10	47.55 0.46 0.00	45.65 0.61 0.00	51.75 0.62 0.00	54.43 0.31 0.00	50.55 0.38 0.00	52.62 0.20 0.00	39.19 0.29 0.00	30.75 0.40 0.00
BOONVILLE_115KV_TB1 79983	55.98 1.41 0.00	52.29 1.44 -0.01	46.61 0.99 0.00	47.68 1.03 0.00	54.50 1.44 0.00	53.79 1.45 0.00	53.15 1.42 0.00	48.05 1.22 0.00	27.00 0.57 0.00	32.67 0.56 0.00	35.09 0.47 0.00	36.91 0.45 0.00	34.49 0.46 0.00	42.24 0.54 0.00	43.22 0.51 0.00	48.08 0.52 0.00	47.75 0.66 0.00	45.91 0.87 0.00	52.41 1.28 0.00	55.82 1.71 0.00	51.99 1.82 0.00	54.42 2.00 0.00	40.32 1.42 0.00	31.35 1.00 0.00
BORALEX_4TH_BRANCH 23824	57.75 3.18 0.00	53.59 2.75 0.00	48.20 2.58 0.00	49.38 2.74 0.00	56.05 2.98 0.00	55.19 2.84 0.00	54.29 2.56 0.00	49.00 2.17 0.00	33.41 1.19 -5.79	35.65 1.58 -1.96	36.11 1.44 -0.05	37.70 1.24 0.00	35.20 1.02 -0.15	42.81 1.20 0.09	43.99 1.34 0.06	48.75 1.32 0.13	48.37 1.27 0.00	46.64 1.61 0.00	53.12 2.00 0.00	55.85 1.73 0.00	52.26 2.09 0.00	54.49 2.08 0.00	40.51 1.60 0.00	31.94 1.37 -0.22
BOWLINE___1 23526	57.53 2.96 0.00	53.05 2.22 0.00	47.63 2.01 0.00	48.70 2.05 0.00	54.93 1.86 0.00	53.97 1.63 0.00	53.08 1.35 0.00	48.22 1.39 0.00	-30.21 1.08 57.73	14.03 1.47 19.55	36.22 2.11 0.51	38.79 2.33 0.00	34.83 2.26 1.46	45.65 2.91 -1.04	46.47 3.12 -0.64	52.36 3.41 -1.39	50.48 3.38 0.00	48.44 3.41 0.00	54.59 3.47 0.00	56.96 2.84 0.00	52.64 2.47 0.00	54.48 2.07 0.00	40.61 1.71 0.00	29.55 1.44 2.24
BOWLINE___2 23595	57.44 2.86 0.00	52.97 2.13 0.00	47.56 1.94 0.00	48.62 1.97 0.00	54.83 1.77 0.00	53.90 1.56 0.00	53.01 1.28 0.00	48.15 1.32 0.00	-30.29 1.04 57.77	13.96 1.42 19.57	36.16 2.05 0.51	38.73 2.27 0.00	34.77 2.20 1.46	45.59 2.85 -1.04	46.40 3.05 -0.64	52.28 3.33 -1.39	50.40 3.30 0.00	48.36 3.33 0.00	54.50 3.37 0.00	56.87 2.76 0.00	52.56 2.39 0.00	54.41 1.99 0.00	40.54 1.64 0.00	29.51 1.40 2.24
BRADY___115KV_TB2 356060	55.02 0.45 0.00	51.59 0.75 0.00	46.21 0.59 0.00	47.14 0.49 0.00	53.88 0.81 0.00	53.26 0.92 0.00	53.08 1.35 0.00	47.97 1.14 0.00	26.81 0.38 0.00	32.36 0.25 0.00	34.67 0.05 0.00	36.63 0.17 0.00	34.26 0.23 0.00	41.79 0.09 0.00	42.60 -0.11 0.00	47.27 -0.28 0.00	46.84 -0.25 0.00	44.56 -0.48 0.00	50.71 -0.42 0.00	54.54 0.43 0.00	51.05 0.89 0.00	54.16 1.74 0.00	40.32 1.42 0.00	31.19 0.84 0.00
BRANSCOMB___SOLAR 323811	57.81 3.24 0.00	53.57 2.73 0.00	48.11 2.49 0.00	49.27 2.62 0.00	56.00 2.93 0.00	55.12 2.77 0.00	54.23 2.49 0.00	48.85 2.02 0.00	27.51 1.08 0.00	33.47 1.36 0.00	35.83 1.21 0.00	37.46 1.00 0.00	34.75 0.72 0.00	42.46 0.83 0.08	43.61 0.95 0.05	48.57 1.11 0.10	48.32 1.22 0.00	46.67 1.64 0.00	53.42 2.30 0.00	56.43 2.31 0.00	52.65 2.48 0.00	54.82 2.40 0.00	40.66 1.76 0.00	31.79 1.44 0.00
BRDGHMPT_69_KV_BK1 55812	59.48 4.91 0.00	54.60 3.77 0.00	48.88 3.26 0.01	49.65 3.01 0.00	56.00 2.93 0.00	54.90 2.56 0.00	54.11 2.38 0.00	49.50 2.67 0.00	67.87 1.86 -39.58	50.59 2.68 -15.80	44.03 4.01 -5.40	40.70 4.24 0.00	64.57 4.08 -26.46	66.69 5.58 -19.41	50.84 5.76 -2.38	56.00 6.32 -2.12	52.62 5.53 0.00	50.46 5.43 0.00	57.30 6.18 0.00	59.17 5.05 0.00	54.44 4.27 0.00	56.57 4.16 0.00	42.68 3.77 0.00	34.89 3.01 -1.54

BRENTWOD_69_KV_W. BRTWOOD 56703	59.28 4.70 0.00	54.42 3.58 0.00	48.71 3.10 0.01	49.56 2.92 0.00	55.73 2.66 0.00	54.71 2.36 0.00	53.83 2.10 0.00	49.14 2.31 0.00	67.69 1.68 -39.58	50.28 2.36 -15.80	43.56 3.54 -5.40	40.15 3.69 0.00	64.03 3.53 -26.47	65.72 4.61 -19.41	49.94 4.85 -2.38	54.84 5.17 -2.12	51.32 4.22 0.00	49.12 4.09 0.00	55.70 4.58 0.00	57.66 3.54 -0.01	53.20 3.03 0.00	55.22 2.80 0.00	41.83 2.92 0.00	34.25 2.36 -1.54
BRISTLHL_115KV_TB1 79998	53.45 -1.13 0.00	49.88 -1.04 -0.08	44.64 -0.98 0.00	45.58 -1.07 0.00	51.89 -1.18 0.00	51.20 -1.15 0.00	50.49 -1.24 0.00	45.61 -1.23 0.00	25.69 -0.74 0.00	31.25 -0.87 0.00	33.72 -0.91 0.00	35.50 -0.96 0.00	33.11 -0.92 0.00	40.62 -1.08 0.00	41.59 -1.11 0.00	46.41 -1.15 0.00	46.10 -1.00 0.00	44.19 -0.85 0.00	50.23 -0.89 0.00	53.12 -0.99 0.00	49.19 -0.98 0.00	51.18 -1.23 0.00	37.92 -0.99 0.00	29.61 -0.74 0.00
BROOKHAVEN___DRP 24191	58.60 4.03 0.00	53.75 2.91 0.00	48.07 2.45 0.01	48.88 2.24 0.00	54.95 1.88 0.00	53.92 1.58 0.00	53.09 1.36 0.00	48.49 1.66 0.00	67.31 1.29 -39.58	49.82 1.91 -15.80	43.13 3.11 -5.40	39.68 3.23 0.00	63.53 3.04 -26.46	65.34 4.22 -19.41	49.42 4.33 -2.38	54.22 4.54 -2.12	50.76 3.67 0.00	48.67 3.64 0.00	55.27 4.14 0.00	57.23 3.11 0.00	52.73 2.56 0.00	54.73 2.32 0.00	41.39 2.49 0.00	33.89 2.00 -1.54
BROOKLYN_NAVY_YARD 23515	58.11 3.54 0.00	53.51 2.67 0.00	48.08 2.46 0.00	49.13 2.49 0.00	55.23 2.16 0.00	54.31 1.97 0.00	53.48 1.75 0.00	48.71 1.89 0.00	67.64 1.43 -39.77	47.46 1.88 -13.47	37.62 2.65 -0.35	39.39 2.94 0.00	37.90 2.87 -1.00	46.94 3.66 -1.57	47.58 3.90 -0.97	53.92 4.27 -2.10	51.30 4.20 0.00	49.19 4.15 0.00	55.27 4.14 0.00	57.55 3.43 0.00	53.20 3.03 0.00	55.04 2.62 0.00	41.23 2.33 0.00	33.85 1.95 -1.54
BROOKLYN___ARMY_DRP 323595	57.93 3.35 0.00	53.36 2.53 0.00	47.93 2.31 0.00	49.01 2.36 0.00	55.11 2.04 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.58 1.42 -39.73	47.50 1.93 -13.46	37.75 2.78 -0.35	39.46 3.01 0.00	38.05 3.01 -1.00	47.06 3.78 -1.57	47.81 4.13 -0.97	54.12 4.46 -2.10	51.46 4.37 0.00	49.28 4.25 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.32 2.42 0.00	33.98 2.08 -1.54
BROOME_2_LFGE 323671	54.49 -0.08 0.00	50.65 -0.21 -0.02	45.50 -0.12 0.00	46.53 -0.12 0.00	53.02 -0.05 0.00	52.27 -0.07 0.00	51.45 -0.28 0.00	46.35 -0.48 0.00	26.24 -0.19 0.00	31.93 -0.18 0.00	34.62 0.00 0.00	36.54 0.08 0.00	34.13 0.10 0.00	41.95 0.25 0.00	42.94 0.23 0.00	47.92 0.36 0.00	47.56 0.47 0.00	45.60 0.57 0.00	51.72 0.60 0.00	54.45 0.34 0.00	50.29 0.12 0.00	52.16 -0.25 0.00	38.67 -0.23 0.00	30.23 -0.12 0.00
BROOME___LFGE 323600	54.49 -0.08 0.00	50.65 -0.21 -0.02	45.50 -0.12 0.00	46.53 -0.12 0.00	53.02 -0.05 0.00	52.27 -0.07 0.00	51.45 -0.28 0.00	46.35 -0.48 0.00	26.24 -0.19 0.00	31.93 -0.18 0.00	34.62 0.00 0.00	36.54 0.08 0.00	34.13 0.10 0.00	41.95 0.25 0.00	42.94 0.23 0.00	47.92 0.36 0.00	47.56 0.47 0.00	45.60 0.57 0.00	51.72 0.60 0.00	54.45 0.34 0.00	50.29 0.12 0.00	52.16 -0.25 0.00	38.67 -0.23 0.00	30.23 -0.12 0.00
BROWNFLS_115KV_TB_3_5 80003	54.66 0.09 0.00	51.32 0.46 -0.02	45.88 0.26 0.00	46.94 0.29 0.00	53.93 0.87 0.00	53.27 0.92 0.00	52.90 1.17 0.00	47.86 1.03 0.00	26.79 0.36 0.00	32.32 0.20 0.00	34.50 -0.12 0.00	36.38 -0.08 0.00	34.04 0.01 0.00	41.50 -0.21 0.00	42.27 -0.44 0.00	46.82 -0.74 0.00	46.48 -0.62 0.00	44.47 -0.56 0.00	50.81 -0.31 0.00	54.60 0.48 0.00	51.17 1.00 0.00	54.24 1.82 0.00	40.38 1.47 0.00	31.30 0.95 0.00
BROWNSV1_27_KV_LOAD 356125	58.94 4.37 0.00	54.27 3.43 0.00	48.73 3.11 0.00	49.79 3.14 0.00	55.99 2.92 0.00	55.02 2.68 0.00	54.19 2.46 0.00	49.36 2.53 0.00	68.01 1.80 -39.77	47.92 2.34 -13.47	38.13 3.16 -0.35	39.93 3.48 0.00	38.42 3.38 -1.00	47.57 4.29 -1.57	48.22 4.54 -0.97	54.67 5.01 -2.10	52.04 4.95 0.00	49.88 4.85 0.00	56.05 4.92 0.00	58.34 4.23 0.00	53.93 3.76 0.00	55.80 3.38 0.00	41.75 2.84 0.00	34.26 2.36 -1.54
BURROWS___LYONSDAL 23803	55.68 1.10 0.00	52.11 1.27 -0.02	46.46 0.84 0.00	47.57 0.93 0.00	54.48 1.41 0.00	53.77 1.42 0.00	53.14 1.41 0.00	48.05 1.22 0.00	26.98 0.55 0.00	32.62 0.51 0.00	34.98 0.36 0.00	36.81 0.35 0.00	34.41 0.38 0.00	42.12 0.42 0.00	43.08 0.37 0.00	47.89 0.33 0.00	47.58 0.48 0.00	45.73 0.70 0.00	52.26 1.13 0.00	55.78 1.67 0.00	52.03 1.86 0.00	54.56 2.14 0.00	40.44 1.53 0.00	31.42 1.07 0.00
CAITHNESS_CC_1 323624	58.52 3.95 0.00	53.69 2.86 0.00	48.04 2.43 0.01	48.85 2.21 0.00	54.91 1.84 0.00	53.90 1.56 0.00	53.07 1.34 0.00	48.46 1.63 0.00	67.29 1.27 -39.58	49.80 1.88 -15.80	43.10 3.08 -5.40	39.64 3.18 0.00	63.50 3.00 -26.46	65.27 4.16 -19.41	49.36 4.28 -2.38	54.16 4.48 -2.12	50.68 3.58 0.00	48.57 3.53 0.00	55.13 4.01 0.00	57.09 2.98 0.00	52.63 2.46 0.00	54.62 2.20 0.00	41.33 2.43 0.00	33.84 1.95 -1.54
CALPINE BETH_PAGE_GT4 24209	58.44 3.87 0.00	53.78 2.95 0.00	48.20 2.58 0.00	49.11 2.46 0.00	55.23 2.16 0.00	54.24 1.89 0.00	53.36 1.63 0.00	48.63 1.80 0.00	67.40 1.38 -39.58	49.89 1.98 -15.80	43.01 2.99 -5.40	39.57 3.10 0.00	63.62 3.04 -26.55	65.10 3.99 -19.41	49.28 4.19 -2.38	54.10 4.43 -2.12	50.84 3.74 0.00	48.79 3.75 0.00	55.12 4.00 0.00	57.15 3.03 0.00	52.76 2.60 0.00	54.83 2.42 0.00	41.44 2.54 0.00	33.91 2.02 -1.54
CALPINE_BETH_PAGE_GT_4 323586	58.43 3.86 0.00	53.78 2.95 0.00	48.19 2.58 0.00	49.11 2.46 0.00	55.23 2.16 0.00	54.24 1.89 0.00	53.36 1.63 0.00	48.63 1.80 0.00	67.40 1.38 -39.58	49.90 1.99 -15.80	43.01 2.99 -5.40	39.56 3.10 0.00	63.62 3.04 -26.55	65.10 3.99 -19.41	49.27 4.19 -2.38	54.11 4.44 -2.12	50.84 3.74 0.00	48.78 3.75 0.00	55.11 3.99 0.00	57.15 3.03 0.00	52.76 2.60 0.00	54.83 2.42 0.00	41.45 2.54 0.00	33.90 2.01 -1.54
CALPINE_BP_GT1 23823	58.43 3.86 0.00	53.78 2.95 0.00	48.19 2.58 0.00	49.11 2.46 0.00	55.23 2.16 0.00	54.24 1.89 0.00	53.36 1.63 0.00	48.63 1.80 0.00	67.40 1.38 -39.58	49.90 1.99 -15.80	43.01 2.99 -5.40	39.56 3.10 0.00	63.62 3.04 -26.55	65.10 3.99 -19.41	49.27 4.19 -2.38	54.11 4.44 -2.12	50.84 3.74 0.00	48.78 3.75 0.00	55.11 3.99 0.00	57.15 3.03 0.00	52.76 2.60 0.00	54.83 2.42 0.00	41.45 2.54 0.00	33.90 2.01 -1.54
CALSPAN___DRP 24200	52.41 -2.16 0.00	48.91 -1.93 0.00	43.87 -1.75 0.00	44.58 -2.07 0.00	51.06 -2.01 0.00	50.59 -1.75 0.00	49.50 -2.23 0.00	44.04 -2.79 0.00	24.76 -1.67 0.00	30.32 -1.79 0.00	32.86 -1.76 0.00	35.01 -1.45 0.00	32.78 -1.25 0.00	40.01 -1.69 0.00	40.74 -1.96 0.00	45.80 -1.76 0.00	45.89 -1.21 0.00	43.65 -1.39 0.00	49.35 -1.77 0.00	51.75 -2.36 0.00	47.62 -2.55 0.00	48.96 -3.46 0.00	36.14 -2.75 0.02	28.31 -2.04 0.00

CALVERTON___SOLAR 323806	58.72 4.15 0.00	53.88 3.04 0.00	48.16 2.55 0.01	48.97 2.32 0.00	55.06 1.99 0.00	54.03 1.69 0.00	53.20 1.47 0.00	48.61 1.78 0.00	67.36 1.34 -39.58	49.89 1.98 -15.80	43.22 3.20 -5.40	39.77 3.31 0.00	63.62 3.13 -26.46	65.47 4.35 -19.41	49.55 4.46 -2.38	54.38 4.70 -2.12	50.94 3.84 0.00	48.86 3.83 0.00	55.50 4.37 0.00	57.45 3.33 0.00	52.94 2.77 0.00	54.94 2.52 0.00	41.53 2.62 0.00	33.99 2.10 -1.54
CANDIGU_WT_PWR 323617	52.35 -2.22 0.00	48.79 -2.06 -0.01	44.06 -1.56 0.00	45.03 -1.61 0.00	51.56 -1.51 0.00	50.94 -1.40 0.00	50.18 -1.55 0.00	44.76 -2.07 0.00	25.17 -1.26 0.00	30.73 -1.38 0.00	33.37 -1.25 0.00	35.42 -1.04 0.00	33.13 -0.91 0.00	40.67 -1.03 0.00	41.48 -1.23 0.00	46.45 -1.11 0.00	46.30 -0.79 0.00	44.27 -0.77 0.00	50.23 -0.90 0.00	53.10 -1.02 0.00	49.13 -1.04 0.00	50.73 -1.69 0.00	37.51 -1.39 0.01	29.40 -0.96 0.00
CARR STREET_E_SYR 24060	53.66 -0.91 0.00	49.93 -0.93 -0.03	44.75 -0.87 0.00	45.68 -0.97 0.00	52.01 -1.06 0.00	51.31 -1.03 0.00	50.59 -1.14 0.00	45.70 -1.13 0.00	25.78 -0.66 0.00	31.37 -0.74 0.00	33.87 -0.75 0.00	35.67 -0.79 0.00	33.28 -0.75 0.00	40.88 -0.83 0.00	41.85 -0.86 0.00	46.69 -0.87 0.00	46.39 -0.71 0.00	44.47 -0.57 0.00	50.51 -0.61 0.00	53.33 -0.79 0.00	49.36 -0.81 0.00	51.30 -1.12 0.00	37.99 -0.91 0.00	29.64 -0.71 0.00
CARTHAGE___PAPER 23857	55.62 1.05 0.00	52.25 1.38 -0.03	46.68 1.06 0.00	47.81 1.16 0.00	54.95 1.89 0.00	54.22 1.88 0.00	53.71 1.97 0.00	48.52 1.69 0.00	27.13 0.70 0.00	32.66 0.55 0.00	34.85 0.23 0.00	36.64 0.18 0.00	34.29 0.26 0.00	41.95 0.25 0.00	42.77 0.07 0.00	47.45 -0.11 0.00	47.21 0.11 0.00	45.40 0.36 0.00	52.07 0.95 0.00	56.11 1.99 0.00	52.73 2.56 0.00	55.72 3.30 0.00	41.27 2.37 0.00	32.00 1.65 0.00
CASSADAGA_WT_PWR 323784	53.58 -0.99 0.00	49.83 -1.01 0.00	44.72 -0.90 0.00	45.58 -1.06 0.00	52.30 -0.77 0.00	51.73 -0.61 0.00	50.42 -1.32 0.00	45.33 -1.50 0.00	25.74 -0.69 0.00	31.43 -0.68 0.00	34.16 -0.46 0.00	36.49 0.03 0.00	34.16 0.13 0.00	41.93 0.23 0.00	42.68 -0.03 0.00	47.66 0.10 0.00	47.62 0.53 0.00	45.42 0.38 0.00	51.29 0.17 0.00	53.69 -0.43 0.00	49.33 -0.84 0.00	50.58 -1.84 0.00	37.30 -1.58 0.02	29.22 -1.14 0.00
CE_DUNWOOD___DRP 24194	57.98 3.41 0.00	53.45 2.62 0.00	48.01 2.39 0.00	49.06 2.42 0.00	55.31 2.24 0.00	54.36 2.02 0.00	53.48 1.75 0.00	48.61 1.79 0.00	69.10 1.32 -41.35	47.87 1.76 -14.00	37.41 2.43 -0.36	39.10 2.64 0.00	37.63 2.56 -1.04	46.43 3.28 -1.46	47.11 3.50 -0.90	53.33 3.83 -1.95	50.86 3.76 0.00	48.78 3.74 0.00	54.95 3.82 0.00	57.28 3.17 0.00	52.95 2.79 0.00	54.84 2.43 0.00	40.94 2.04 0.00	33.69 1.73 -1.61
CE_MILLWOOD___DRP 24193	57.84 3.27 0.00	53.34 2.50 0.00	47.91 2.29 0.00	48.96 2.31 0.00	55.22 2.15 0.00	54.27 1.92 0.00	53.38 1.65 0.00	48.51 1.68 0.00	69.50 1.24 -41.83	47.95 1.67 -14.17	37.29 2.30 -0.37	38.98 2.52 0.00	37.51 2.42 -1.06	46.13 3.11 -1.33	46.86 3.33 -0.81	52.97 3.64 -1.77	50.67 3.58 0.00	48.61 3.57 0.00	54.79 3.66 0.00	57.14 3.02 0.00	52.82 2.65 0.00	54.70 2.29 0.00	40.83 1.92 0.00	33.60 1.63 -1.62
CE_NYC2_DRP 24202	55.25 3.11 2.43	52.70 2.34 0.48	47.83 2.22 0.00	48.87 2.22 0.00	54.97 1.90 0.00	53.98 1.63 0.00	53.20 1.47 0.00	48.55 1.72 0.00	67.50 1.34 -39.73	47.37 1.80 -13.46	37.60 2.63 -0.35	39.28 2.83 0.00	37.87 2.83 -1.00	46.85 3.57 -1.57	47.59 3.92 -0.97	53.90 4.24 -2.10	51.27 4.17 0.00	49.06 4.03 0.00	55.05 3.93 0.00	57.36 3.24 0.00	53.05 2.88 0.00	54.88 2.46 0.00	41.14 2.24 0.00	33.86 1.97 -1.54
CE_NYC_DRP 24195	58.21 3.64 0.00	53.62 2.78 0.00	48.17 2.56 0.00	49.24 2.59 0.00	55.36 2.30 0.00	54.40 2.06 0.00	53.57 1.84 0.00	48.81 1.98 0.00	67.72 1.50 -39.78	47.56 1.97 -13.48	37.74 2.76 -0.35	39.52 3.06 0.00	38.01 2.97 -1.01	47.07 3.79 -1.57	47.71 4.04 -0.97	54.07 4.41 -2.10	51.44 4.34 0.00	49.30 4.27 0.00	55.39 4.26 0.00	57.64 3.53 0.00	53.29 3.13 0.00	55.14 2.73 0.00	41.28 2.38 0.00	33.90 2.01 -1.54
CHAFFEE___LFGE 323603	52.66 -1.91 0.00	49.11 -1.72 0.00	44.03 -1.59 0.00	44.76 -1.89 0.00	51.27 -1.79 0.00	50.78 -1.56 0.00	49.69 -2.04 0.00	44.25 -2.58 0.00	24.90 -1.54 0.00	30.49 -1.62 0.00	33.04 -1.59 0.00	35.20 -1.26 0.00	32.96 -1.08 0.00	40.26 -1.44 0.00	40.97 -1.74 0.00	46.07 -1.49 0.00	46.18 -0.92 0.00	43.91 -1.13 0.00	49.65 -1.48 0.00	52.06 -2.05 0.00	47.91 -2.26 0.00	49.23 -3.19 0.00	36.35 -2.53 0.02	28.49 -1.86 0.00
CHATEAUG_35_KV_LOAD 355732	53.44 -1.13 0.00	50.01 -0.83 0.00	44.82 -0.80 0.00	45.88 -0.77 0.00	52.54 -0.53 0.00	52.11 -0.23 0.00	52.01 0.28 0.00	47.11 0.28 0.00	26.45 0.02 0.00	32.01 -0.10 0.00	34.35 -0.27 0.00	36.31 -0.15 0.00	33.99 -0.04 0.00	41.58 -0.12 0.00	42.52 -0.19 0.00	47.28 -0.28 0.00	46.83 -0.27 0.00	44.54 -0.50 0.00	50.69 -0.44 0.00	54.11 0.00 0.00	50.32 0.15 0.00	53.10 0.68 0.00	39.52 0.62 0.00	30.75 0.40 0.00
CHATEAUG_WT_PWR 323614	53.36 -1.21 0.00	49.93 -0.91 0.00	44.75 -0.87 0.00	45.86 -0.78 0.00	52.49 -0.58 0.00	52.03 -0.31 0.00	51.95 0.22 0.00	47.11 0.28 0.00	26.46 0.02 0.00	32.02 -0.10 0.00	34.35 -0.27 0.00	36.29 -0.17 0.00	33.97 -0.06 0.00	41.57 -0.13 0.00	42.51 -0.19 0.00	47.28 -0.28 0.00	46.83 -0.27 0.00	44.57 -0.46 0.00	50.73 -0.40 0.00	54.10 -0.01 0.00	50.22 0.05 0.00	52.95 0.53 0.00	39.43 0.53 0.00	30.71 0.36 0.00
CHAT_HIGH_FALL_HYD 323578	53.44 -1.13 0.00	50.01 -0.83 0.00	44.82 -0.80 0.00	45.88 -0.77 0.00	52.54 -0.53 0.00	52.11 -0.23 0.00	52.01 0.28 0.00	47.11 0.28 0.00	26.45 0.02 0.00	32.01 -0.10 0.00	34.35 -0.27 0.00	36.31 -0.15 0.00	33.99 -0.04 0.00	41.58 -0.12 0.00	42.52 -0.19 0.00	47.28 -0.28 0.00	46.83 -0.27 0.00	44.54 -0.50 0.00	50.69 -0.44 0.00	54.11 0.00 0.00	50.32 0.15 0.00	53.10 0.68 0.00	39.52 0.62 0.00	30.75 0.40 0.00
CHAUTAUQUA___LFGE 323629	53.01 -1.56 0.00	49.36 -1.47 0.00	44.31 -1.30 0.00	45.15 -1.49 0.00	51.76 -1.31 0.00	51.18 -1.16 0.00	49.97 -1.76 0.00	44.56 -2.28 0.00	25.18 -1.25 0.00	30.76 -1.35 0.00	33.48 -1.14 0.00	35.72 -0.74 0.00	33.47 -0.57 0.00	41.03 -0.67 0.00	41.75 -0.95 0.00	46.95 -0.61 0.00	46.94 -0.16 0.00	44.74 -0.29 0.00	50.54 -0.59 0.00	52.90 -1.21 0.00	48.64 -1.53 0.00	49.96 -2.46 0.00	36.87 -2.01 0.02	28.89 -1.47 0.00
CHERRYST_13_KV_LD 356241	58.39 3.82 0.00	53.79 2.95 0.00	48.32 2.70 0.00	49.40 2.75 0.00	55.54 2.47 0.00	54.59 2.25 0.00	53.78 2.05 0.00	49.01 2.18 0.00	67.83 1.62 -39.78	47.71 2.12 -13.48	37.90 2.93 -0.35	39.70 3.24 0.00	38.18 3.14 -1.01	47.27 4.00 -1.57	47.92 4.25 -0.97	54.30 4.65 -2.10	51.67 4.58 0.00	49.53 4.49 0.00	55.62 4.50 0.00	57.87 3.75 0.00	53.48 3.31 0.00	55.32 2.91 0.00	41.41 2.51 0.00	33.99 2.10 -1.54

CHESTROR_138KV_BK263 355645	57.30 2.73 0.00	52.90 2.06 0.00	47.49 1.87 0.00	48.56 1.91 0.00	54.88 1.81 0.00	53.96 1.62 0.00	53.07 1.34 0.00	48.12 1.29 0.00	-9.56 0.97 36.97	20.89 1.30 12.52	36.09 1.80 0.33	38.42 1.97 0.00	34.98 1.88 0.93	44.76 2.42 -0.64	45.72 2.62 -0.40	51.30 2.88 -0.86	49.98 2.88 0.00	48.00 2.96 0.00	54.20 3.07 0.00	56.68 2.57 0.00	52.42 2.25 0.00	54.31 1.90 0.00	40.42 1.51 0.00	30.20 1.28 1.43
CH_MIDHUDSON___DRP 24192	57.94 3.37 0.00	53.50 2.67 0.00	48.05 2.43 0.00	49.10 2.45 0.00	55.52 2.45 0.00	54.59 2.25 0.00	53.69 1.96 0.00	48.68 1.85 0.00	27.69 1.26 0.00	33.79 1.68 0.00	36.73 2.11 0.00	38.66 2.20 0.00	36.13 2.10 0.00	44.30 2.68 0.09	45.58 2.93 0.05	50.67 3.23 0.11	50.29 3.19 0.00	48.31 3.28 0.00	54.58 3.45 0.00	57.04 2.93 0.00	52.78 2.61 0.00	54.71 2.29 0.00	40.76 1.86 0.00	31.88 1.53 0.00
CH_MISC_IPPS 23765	58.28 3.71 0.00	53.84 3.00 0.00	48.31 2.70 0.00	49.37 2.72 0.00	55.80 2.73 0.00	54.85 2.51 0.00	53.96 2.23 0.00	48.93 2.10 0.00	27.85 1.42 0.00	33.98 1.86 0.00	36.99 2.37 0.00	38.98 2.52 0.00	36.42 2.39 0.00	44.75 3.04 0.00	46.04 3.32 0.00	51.26 3.70 0.00	50.79 3.69 0.00	48.80 3.77 0.00	55.13 4.00 0.00	57.61 3.49 0.00	53.23 3.06 0.00	55.14 2.72 0.00	41.04 2.14 0.00	32.08 1.73 0.00
CH_RES_BVR_FALLS 23983	54.03 -0.54 0.00	50.49 -0.34 0.00	45.31 -0.31 0.00	46.38 -0.27 0.00	52.85 -0.22 0.00	52.17 -0.18 0.00	51.69 -0.04 0.00	46.81 -0.03 0.00	26.40 -0.03 0.00	32.03 -0.08 0.00	34.47 -0.15 0.00	36.36 -0.10 0.00	33.97 -0.06 0.00	41.61 -0.09 0.00	42.57 -0.14 0.00	47.40 -0.16 0.00	46.95 -0.15 0.00	44.82 -0.22 0.00	50.91 -0.21 0.00	54.02 -0.10 0.00	50.09 -0.08 0.00	52.53 0.11 0.00	39.02 0.12 0.00	30.39 0.04 0.00
CH_RES_NIAGARA 23895	51.08 -3.49 0.00	47.76 -3.08 0.00	42.81 -2.81 0.00	43.42 -3.23 0.00	49.73 -3.34 0.00	49.35 -2.99 0.00	48.22 -3.51 0.00	42.80 -4.03 0.00	23.98 -2.45 0.00	29.39 -2.72 0.00	31.77 -2.86 0.00	33.83 -2.63 0.00	31.70 -2.34 0.00	38.57 -3.13 0.00	39.18 -3.53 0.00	44.08 -3.48 0.00	44.24 -2.86 0.00	41.94 -3.09 0.00	47.40 -3.72 0.00	49.66 -4.45 0.00	45.77 -4.39 0.00	47.07 -5.35 0.00	34.79 -4.09 0.02	27.34 -3.01 0.00
CH_RES_SYRACUSE 23985	54.23 -0.34 0.00	50.47 -0.41 -0.05	45.11 -0.50 0.00	45.93 -0.72 0.00	52.21 -0.86 0.00	51.56 -0.78 0.00	50.90 -0.83 0.00	46.15 -0.68 0.00	25.97 -0.46 0.00	31.60 -0.51 0.00	34.15 -0.47 0.00	35.88 -0.57 0.00	33.42 -0.61 0.00	41.22 -0.48 0.00	42.25 -0.46 0.00	47.15 -0.41 0.00	46.85 -0.25 0.00	44.92 -0.12 0.00	51.04 -0.08 0.00	53.91 -0.20 0.00	49.91 -0.26 0.00	51.89 -0.53 0.00	38.43 -0.47 0.00	29.98 -0.36 0.00
CLINTON_WT_PWR 323605	53.36 -1.21 0.00	49.93 -0.91 0.00	44.75 -0.87 0.00	45.86 -0.78 0.00	52.49 -0.58 0.00	52.03 -0.31 0.00	51.95 0.22 0.00	47.11 0.28 0.00	26.46 0.02 0.00	32.02 -0.10 0.00	34.35 -0.27 0.00	36.29 -0.17 0.00	33.97 -0.06 0.00	41.57 -0.13 0.00	42.51 -0.19 0.00	47.28 -0.28 0.00	46.83 -0.27 0.00	44.57 -0.46 0.00	50.73 -0.40 0.00	54.10 -0.01 0.00	50.22 0.05 0.00	52.95 0.53 0.00	39.43 0.53 0.00	30.71 0.36 0.00
CLINTON___LFGE 323618	54.15 -0.42 0.00	50.62 -0.21 0.00	45.42 -0.20 0.00	46.49 -0.15 0.00	53.17 0.10 0.00	52.68 0.34 0.00	52.59 0.86 0.00	47.62 0.80 0.00	26.65 0.21 0.00	32.20 0.08 0.00	34.49 -0.13 0.00	36.43 -0.03 0.00	34.10 0.07 0.00	41.75 0.05 0.00	42.74 0.03 0.00	47.54 -0.02 0.00	47.16 0.06 0.00	44.93 -0.10 0.00	51.14 0.02 0.00	54.58 0.47 0.00	50.77 0.60 0.00	53.60 1.18 0.00	40.00 1.09 0.00	31.17 0.82 0.00
COBBLENY_34_KV_TB1 80064	52.65 -1.92 0.00	49.11 -1.72 0.00	44.04 -1.58 0.00	44.76 -1.89 0.00	51.27 -1.80 0.00	50.78 -1.56 0.00	49.69 -2.04 0.00	44.25 -2.58 0.00	24.89 -1.54 0.00	30.48 -1.64 0.00	33.04 -1.59 0.00	35.19 -1.27 0.00	32.95 -1.08 0.00	40.22 -1.48 0.00	40.98 -1.73 0.00	46.07 -1.49 0.00	46.18 -0.92 0.00	43.90 -1.14 0.00	49.65 -1.48 0.00	52.06 -2.05 0.00	47.91 -2.26 0.00	49.23 -3.19 0.00	36.35 -2.53 0.02	28.47 -1.88 0.00
COFFEEN___115KV_TB3 355620	55.77 1.20 0.00	52.39 1.51 -0.04	46.84 1.22 0.00	47.93 1.28 0.00	55.07 2.00 0.00	54.31 1.96 0.00	53.73 2.00 0.00	48.43 1.61 0.00	27.09 0.65 0.00	32.63 0.52 0.00	34.84 0.22 0.00	36.52 0.06 0.00	34.17 0.14 0.00	41.78 0.07 0.00	42.60 -0.11 0.00	47.22 -0.34 0.00	47.01 -0.09 0.00	45.27 0.23 0.00	51.94 0.82 0.00	56.12 2.00 0.00	52.98 2.82 0.00	56.05 3.64 0.00	41.45 2.55 0.00	32.15 1.80 0.00
COLDSPRG_115KV_BK1 355956	53.91 -0.66 0.00	50.21 -0.63 0.00	45.07 -0.55 0.00	45.93 -0.72 0.00	52.59 -0.48 0.00	51.99 -0.35 0.00	50.92 -0.81 0.00	45.89 -0.94 0.00	26.05 -0.39 0.00	31.84 -0.27 0.00	34.66 0.04 0.00	36.89 0.44 0.00	34.52 0.49 0.00	42.29 0.59 0.00	43.10 0.39 0.00	47.96 0.40 0.00	47.90 0.80 0.00	45.69 0.65 0.00	51.57 0.44 0.00	54.05 -0.06 0.00	49.67 -0.50 0.00	51.03 -1.39 0.00	37.65 -1.24 0.02	29.51 -0.84 0.00
COLONIE_LFGE___ 323577	57.06 2.48 0.00	52.98 2.15 0.00	47.63 2.02 0.00	48.78 2.14 0.00	55.41 2.34 0.00	54.56 2.22 0.00	53.67 1.94 0.00	48.43 1.60 0.00	27.33 0.89 0.00	33.29 1.18 0.00	35.69 1.07 0.00	37.36 0.91 0.00	34.75 0.72 0.00	42.47 0.85 0.08	43.63 0.98 0.05	48.45 1.01 0.11	48.14 1.04 0.00	46.36 1.32 0.00	52.77 1.64 0.00	55.56 1.44 0.00	51.75 1.58 0.00	53.89 1.48 0.00	40.06 1.15 0.00	31.38 1.03 0.00
COOPERNY_115KV_TB1 80082	56.52 1.94 0.00	52.27 1.44 0.00	46.93 1.31 0.00	48.00 1.35 0.00	54.36 1.30 0.00	53.50 1.16 0.00	52.61 0.88 0.00	47.67 0.84 0.00	9.67 0.66 17.43	27.12 0.91 5.90	35.75 1.28 0.15	37.87 1.41 0.00	34.96 1.37 0.44	43.77 1.78 -0.29	44.81 1.92 -0.18	50.08 2.14 -0.39	49.24 2.15 0.00	47.26 2.23 0.00	53.46 2.34 0.00	56.08 1.96 0.00	51.86 1.70 0.00	53.78 1.36 0.00	39.97 1.07 0.00	30.60 0.92 0.68
COPENHAGEN_WT_PWR 323753	54.76 0.19 0.00	51.60 0.72 -0.04	46.19 0.58 0.00	47.31 0.67 0.00	54.39 1.32 0.00	53.61 1.27 0.00	53.03 1.30 0.00	47.91 1.07 0.00	26.83 0.40 0.00	32.36 0.25 0.00	34.55 -0.07 0.00	36.31 -0.15 0.00	34.00 -0.03 0.00	41.62 -0.08 0.00	42.47 -0.24 0.00	47.08 -0.48 0.00	46.86 -0.23 0.00	45.09 0.06 0.00	51.68 0.56 0.00	55.64 1.53 0.00	52.31 2.14 0.00	55.22 2.80 0.00	40.86 1.96 0.00	31.73 1.38 0.00
CORNELL_____ 23752	55.39 0.81 0.00	51.44 0.58 -0.03	46.17 0.55 0.00	47.13 0.48 0.00	53.68 0.61 0.00	53.03 0.69 0.00	52.30 0.57 0.00	47.14 0.31 0.00	26.56 0.13 0.00	32.21 0.10 0.00	34.68 0.06 0.00	36.51 0.05 0.00	34.09 0.05 0.00	41.90 0.20 0.00	42.75 0.05 0.00	47.74 0.18 0.00	47.45 0.35 0.00	45.62 0.58 0.00	52.08 0.96 0.00	55.25 1.13 0.00	51.27 1.10 0.00	53.21 0.80 0.00	39.36 0.46 0.00	30.69 0.34 0.00

CORONA_69_KV_TB1 355595	58.95 4.38 0.00	54.31 3.48 0.00	48.70 3.07 -0.01	49.71 3.06 0.00	55.95 2.88 0.00	54.95 2.60 0.00	54.02 2.28 0.00	49.16 2.33 0.00	67.69 1.68 -39.58	50.23 2.32 -15.80	43.29 3.27 -5.40	39.90 3.45 0.00	64.39 3.36 -26.99	65.42 4.31 -19.41	49.65 4.57 -2.38	54.56 4.88 -2.12	51.45 4.36 0.00	49.36 4.32 0.00	55.67 4.55 0.00	57.80 3.69 0.00	53.44 3.27 0.00	55.50 3.08 0.00	41.67 2.77 0.00	34.20 2.31 -1.54
CORTLAND_115KV_TB3 80093	54.96 0.39 0.00	51.08 0.22 -0.03	45.81 0.19 0.00	46.81 0.16 0.00	53.33 0.27 0.00	52.61 0.27 0.00	51.87 0.13 0.00	46.78 -0.05 0.00	26.41 -0.02 0.00	32.10 -0.02 0.00	34.61 -0.01 0.00	36.45 -0.01 0.00	34.01 -0.02 0.00	41.77 0.07 0.00	42.74 0.03 0.00	47.69 0.13 0.00	47.36 0.27 0.00	45.46 0.43 0.00	51.72 0.60 0.00	54.72 0.61 0.00	50.71 0.55 0.00	52.69 0.27 0.00	39.02 0.12 0.00	30.44 0.09 0.00
COXSACKIE___GT 23611	58.15 3.58 0.00	54.12 3.29 0.00	48.74 3.12 0.00	49.93 3.28 0.00	56.70 3.64 0.00	55.90 3.56 0.00	54.94 3.21 0.00	49.53 2.70 0.00	27.88 1.45 0.00	33.95 1.84 0.00	36.01 1.39 0.00	37.31 0.85 0.00	-49.88 0.44 84.35	-48.10 -0.53 90.34	39.20 0.50 4.02	47.97 0.48 0.07	47.86 0.76 0.00	46.28 1.24 0.00	53.03 1.90 0.00	56.21 2.10 0.00	52.37 2.20 0.00	54.49 2.07 0.00	40.45 1.54 0.00	31.70 1.35 0.00
CPV_VALLEY___CC1 323721	56.77 2.19 0.00	52.44 1.60 0.00	47.09 1.47 0.00	48.16 1.51 0.00	54.45 1.38 0.00	53.55 1.20 0.00	52.66 0.93 0.00	47.75 0.92 0.00	2.88 0.77 24.32	24.94 1.06 8.24	35.92 1.51 0.21	38.11 1.65 0.00	35.01 1.60 0.61	44.15 2.04 -0.40	45.18 2.22 -0.25	50.54 2.44 -0.54	49.53 2.43 0.00	47.52 2.49 0.00	53.68 2.56 0.00	56.17 2.05 0.00	51.94 1.77 0.00	53.85 1.43 0.00	40.08 1.17 0.00	30.44 1.04 0.94
CPV_VALLEY___CC2 323722	56.77 2.19 0.00	52.44 1.60 0.00	47.09 1.47 0.00	48.16 1.51 0.00	54.45 1.38 0.00	53.55 1.20 0.00	52.66 0.93 0.00	47.75 0.92 0.00	2.88 0.77 24.32	24.94 1.06 8.24	35.92 1.51 0.21	38.11 1.65 0.00	35.01 1.60 0.61	44.15 2.04 -0.40	45.18 2.22 -0.25	50.54 2.44 -0.54	49.53 2.43 0.00	47.52 2.49 0.00	53.68 2.56 0.00	56.17 2.05 0.00	51.94 1.77 0.00	53.85 1.43 0.00	40.08 1.17 0.00	30.44 1.04 0.94
CRESCENT___HYD 24018	57.06 2.48 0.00	52.98 2.15 0.00	47.63 2.02 0.00	48.78 2.14 0.00	55.41 2.34 0.00	54.56 2.22 0.00	53.67 1.94 0.00	48.43 1.60 0.00	27.33 0.89 0.00	33.29 1.18 0.00	35.69 1.07 0.00	37.36 0.91 0.00	34.75 0.72 0.00	42.47 0.85 0.08	43.63 0.98 0.05	48.45 1.01 0.11	48.14 1.04 0.00	46.36 1.32 0.00	52.77 1.64 0.00	55.56 1.44 0.00	51.75 1.58 0.00	53.89 1.48 0.00	40.06 1.15 0.00	31.38 1.03 0.00
CRICKET___VALLEY_CC1 323756	57.36 2.79 0.00	53.02 2.19 0.00	47.67 2.05 0.00	48.69 2.04 0.00	55.14 2.07 0.00	54.24 1.89 0.00	53.34 1.61 0.00	48.28 1.45 0.00	40.38 0.99 -12.96	37.83 1.33 -4.39	36.37 1.63 -0.11	38.09 1.63 0.00	35.89 1.53 -0.33	43.45 1.95 0.20	44.74 2.16 0.12	49.57 2.27 0.27	49.34 2.24 0.00	47.43 2.39 0.00	53.62 2.49 0.00	56.06 1.95 0.00	51.97 1.80 0.00	54.00 1.58 0.00	40.27 1.37 0.00	32.01 1.16 -0.50
CRICKET___VALLEY_CC2 323757	57.36 2.79 0.00	53.02 2.19 0.00	47.67 2.05 0.00	48.69 2.04 0.00	55.14 2.07 0.00	54.24 1.89 0.00	53.34 1.61 0.00	48.28 1.45 0.00	40.38 0.99 -12.96	37.83 1.33 -4.39	36.37 1.63 -0.11	38.09 1.63 0.00	35.89 1.53 -0.33	43.45 1.95 0.20	44.74 2.16 0.12	49.57 2.27 0.27	49.34 2.24 0.00	47.43 2.39 0.00	53.62 2.49 0.00	56.06 1.95 0.00	51.97 1.80 0.00	54.00 1.58 0.00	40.27 1.37 0.00	32.01 1.16 -0.50
CRICKET___VALLEY_CC3 323758	57.36 2.79 0.00	53.02 2.19 0.00	47.67 2.05 0.00	48.69 2.04 0.00	55.14 2.07 0.00	54.24 1.89 0.00	53.34 1.61 0.00	48.28 1.45 0.00	40.38 0.99 -12.96	37.83 1.33 -4.39	36.37 1.63 -0.11	38.09 1.63 0.00	35.89 1.53 -0.33	43.45 1.95 0.20	44.74 2.16 0.12	49.57 2.27 0.27	49.34 2.24 0.00	47.43 2.39 0.00	53.62 2.49 0.00	56.06 1.95 0.00	51.97 1.80 0.00	54.00 1.58 0.00	40.27 1.37 0.00	32.01 1.16 -0.50
CRUCIBLE_METL_DRP 24180	54.23 -0.35 0.00	50.48 -0.40 -0.05	45.11 -0.51 0.00	45.93 -0.72 0.00	52.21 -0.86 0.00	51.56 -0.78 0.00	50.90 -0.83 0.00	46.15 -0.68 0.00	25.97 -0.46 0.00	31.60 -0.51 0.00	34.14 -0.48 0.00	35.88 -0.57 0.00	33.42 -0.61 0.00	41.21 -0.49 0.00	42.25 -0.46 0.00	47.15 -0.41 0.00	46.84 -0.25 0.00	44.92 -0.12 0.00	51.04 -0.08 0.00	53.91 -0.21 0.00	49.91 -0.26 0.00	51.89 -0.53 0.00	38.43 -0.47 0.00	29.98 -0.37 0.00
DAHOWA___HYDRO 323763	58.09 3.51 0.00	53.79 2.96 0.00	48.32 2.70 0.00	49.46 2.82 0.00	56.22 3.15 0.00	55.33 2.99 0.00	54.44 2.71 0.00	49.06 2.23 0.00	27.61 1.18 0.00	33.58 1.47 0.00	35.92 1.30 0.00	37.53 1.08 0.00	34.81 0.78 0.00	42.51 0.89 0.08	43.69 1.03 0.05	48.68 1.23 0.10	48.46 1.36 0.00	46.86 1.82 0.00	53.67 2.55 0.00	56.72 2.61 0.00	52.94 2.77 0.00	55.14 2.72 0.00	40.86 1.96 0.00	31.95 1.60 0.00
DANC___LFGE 323619	54.27 -0.30 0.00	50.92 0.04 -0.05	45.58 -0.04 0.00	46.64 -0.01 0.00	53.42 0.35 0.00	52.63 0.29 0.00	51.97 0.24 0.00	46.95 0.12 0.00	26.35 -0.09 0.00	31.89 -0.22 0.00	34.20 -0.42 0.00	35.95 -0.51 0.00	33.61 -0.42 0.00	41.18 -0.52 0.00	42.06 -0.64 0.00	46.71 -0.85 0.00	46.43 -0.66 0.00	44.63 -0.40 0.00	51.02 -0.10 0.00	54.57 0.46 0.00	51.06 0.89 0.00	53.66 1.24 0.00	39.75 0.85 0.00	30.92 0.57 0.00
DANSKAMMER___1 23586	58.28 3.71 0.00	53.84 3.00 0.00	48.31 2.70 0.00	49.37 2.72 0.00	55.80 2.73 0.00	54.85 2.51 0.00	53.96 2.23 0.00	48.93 2.10 0.00	27.85 1.42 0.00	33.98 1.86 0.00	36.99 2.37 0.00	38.98 2.52 0.00	36.42 2.39 0.00	44.75 3.04 0.00	46.04 3.32 0.00	51.26 3.70 0.00	50.79 3.69 0.00	48.80 3.77 0.00	55.13 4.00 0.00	57.61 3.49 0.00	53.23 3.06 0.00	55.14 2.72 0.00	41.04 2.14 0.00	32.08 1.73 0.00
DANSKAMMER___2 23589	58.28 3.71 0.00	53.84 3.00 0.00	48.31 2.70 0.00	49.37 2.72 0.00	55.80 2.73 0.00	54.85 2.51 0.00	53.96 2.23 0.00	48.93 2.10 0.00	27.85 1.42 0.00	33.98 1.86 0.00	36.99 2.37 0.00	38.98 2.52 0.00	36.42 2.39 0.00	44.75 3.04 0.00	46.04 3.32 0.00	51.26 3.70 0.00	50.79 3.69 0.00	48.80 3.77 0.00	55.13 4.00 0.00	57.61 3.49 0.00	53.23 3.06 0.00	55.14 2.72 0.00	41.04 2.14 0.00	32.08 1.73 0.00
DANSKAMMER___3 23590	58.28 3.71 0.00	53.84 3.00 0.00	48.31 2.70 0.00	49.37 2.72 0.00	55.80 2.73 0.00	54.85 2.51 0.00	53.96 2.23 0.00	48.93 2.10 0.00	27.85 1.42 0.00	33.98 1.86 0.00	36.99 2.37 0.00	38.98 2.52 0.00	36.42 2.39 0.00	44.75 3.04 0.00	46.04 3.32 0.00	51.26 3.70 0.00	50.79 3.69 0.00	48.80 3.77 0.00	55.13 4.00 0.00	57.61 3.49 0.00	53.23 3.06 0.00	55.14 2.72 0.00	41.04 2.14 0.00	32.08 1.73 0.00

DANSKAMMER___4 23591	58.28 3.71 0.00	53.84 3.00 0.00	48.31 2.70 0.00	49.37 2.72 0.00	55.80 2.73 0.00	54.85 2.51 0.00	53.96 2.23 0.00	48.93 2.10 0.00	27.85 1.42 0.00	33.98 1.86 0.00	36.99 2.37 0.00	38.98 2.52 0.00	36.42 2.39 0.00	44.75 3.04 0.00	46.04 3.32 0.00	51.26 3.70 0.00	50.79 3.69 0.00	48.80 3.77 0.00	55.13 4.00 0.00	57.61 3.49 0.00	53.23 3.06 0.00	55.14 2.72 0.00	41.04 2.14 0.00	32.08 1.73 0.00
DANSKAMMER___DIESEL 23592	58.29 3.72 0.00	53.84 3.00 0.00	48.32 2.69 0.00	49.37 2.73 0.00	55.80 2.73 0.00	54.85 2.51 0.00	53.96 2.23 0.00	48.93 2.10 0.00	27.85 1.42 0.00	33.97 1.86 0.00	36.99 2.37 0.00	38.98 2.52 0.00	36.42 2.39 0.00	44.75 3.04 0.00	46.03 3.32 0.00	51.25 3.70 0.00	50.79 3.69 0.00	48.80 3.77 0.00	55.13 4.00 0.00	57.59 3.47 0.00	53.23 3.06 0.00	55.14 2.72 0.00	41.05 2.14 0.00	32.08 1.73 0.00
DARBY___SOLAR 323810	57.79 3.22 0.00	53.55 2.71 0.00	48.10 2.48 0.00	49.24 2.59 0.00	55.96 2.89 0.00	55.08 2.74 0.00	54.19 2.46 0.00	48.84 2.01 0.00	27.51 1.07 0.00	33.44 1.33 0.00	35.80 1.18 0.00	37.44 0.98 0.00	34.73 0.70 0.00	42.42 0.80 0.08	43.60 0.94 0.05	48.54 1.08 0.10	48.32 1.22 0.00	46.69 1.65 0.00	53.43 2.31 0.00	56.44 2.33 0.00	52.65 2.48 0.00	54.83 2.42 0.00	40.66 1.76 0.00	31.79 1.44 0.00
DASHVILLE___HYD 23610	57.77 3.20 0.00	53.25 2.42 0.00	47.80 2.18 0.00	48.86 2.21 0.00	55.26 2.19 0.00	54.33 1.99 0.00	53.42 1.68 0.00	48.41 1.59 0.00	27.55 1.12 0.00	33.58 1.47 0.00	36.48 1.86 0.00	38.38 1.92 0.00	15.60 1.91 20.33	22.48 2.54 21.76	44.41 2.66 0.96	50.49 2.93 0.00	50.17 3.08 0.00	48.24 3.21 0.00	54.49 3.36 0.00	56.95 2.84 0.00	52.66 2.50 0.00	54.59 2.17 0.00	40.62 1.72 0.00	31.74 1.40 0.00
DELAWARE___LFGE 323621	55.96 1.39 0.00	51.92 1.07 -0.01	46.66 1.05 0.00	47.78 1.14 0.00	54.41 1.34 0.00	53.64 1.30 0.00	52.76 1.03 0.00	47.61 0.78 0.00	26.97 0.54 0.00	32.84 0.73 0.00	35.58 0.96 0.00	37.51 1.06 0.00	35.05 1.02 0.00	43.08 1.34 -0.04	44.15 1.41 -0.03	49.19 1.57 -0.06	48.67 1.57 0.00	46.69 1.66 0.00	52.94 1.82 0.00	55.75 1.64 0.00	51.60 1.44 0.00	53.63 1.21 0.00	39.79 0.88 0.00	31.06 0.71 0.00
DERFIELD_115KV_TB7 355931	54.86 0.29 0.00	51.04 0.21 0.00	45.85 0.23 0.00	46.92 0.28 0.00	53.38 0.31 0.00	52.62 0.27 0.00	51.90 0.17 0.00	46.92 0.09 0.00	26.51 0.08 0.00	32.22 0.11 0.00	34.73 0.11 0.00	36.53 0.08 0.00	34.10 0.07 0.00	41.79 0.00 0.00	42.81 0.10 0.00	47.66 0.10 0.00	47.20 0.10 0.00	45.21 0.18 0.00	51.32 0.20 0.00	54.25 0.14 0.00	50.32 0.15 0.00	52.50 0.09 0.00	38.98 0.08 0.00	30.44 0.09 0.00
DOGLEVILLE___HYD 23807	56.24 1.66 0.00	51.91 1.08 0.00	46.69 1.07 0.00	47.88 1.23 0.00	54.41 1.34 0.00	53.59 1.25 0.00	52.65 0.92 0.00	47.11 0.28 0.00	26.53 0.10 0.00	32.41 0.29 0.00	34.76 0.14 0.00	36.11 -0.34 0.00	33.53 -0.50 0.00	41.00 -0.70 0.00	42.15 -0.55 0.00	46.57 -0.99 0.00	46.14 -0.95 0.00	44.79 -0.25 0.00	51.49 0.36 0.00	54.75 0.64 0.00	51.18 1.02 0.00	53.20 0.78 0.00	39.44 0.54 0.00	30.96 0.61 0.00
DUNKIRK___115KV_TB_200 55889	52.92 -1.66 0.00	49.29 -1.55 0.00	44.25 -1.37 0.00	45.09 -1.56 0.00	51.67 -1.40 0.00	51.09 -1.26 0.00	49.88 -1.85 0.00	44.45 -2.38 0.00	25.12 -1.31 0.00	30.68 -1.43 0.00	33.39 -1.23 0.00	35.63 -0.83 0.00	33.38 -0.65 0.00	40.88 -0.82 0.00	41.65 -1.06 0.00	46.85 -0.71 0.00	46.86 -0.24 0.00	44.65 -0.38 0.00	50.45 -0.68 0.00	52.81 -1.31 0.00	48.54 -1.62 0.00	49.87 -2.54 0.00	36.81 -2.08 0.02	28.83 -1.52 0.00
DUNKIRK___1 23563	52.92 -1.66 0.00	49.29 -1.55 0.00	44.25 -1.37 0.00	45.09 -1.56 0.00	51.67 -1.40 0.00	51.09 -1.26 0.00	49.88 -1.85 0.00	44.45 -2.38 0.00	25.12 -1.31 0.00	30.68 -1.43 0.00	33.39 -1.23 0.00	35.63 -0.83 0.00	33.38 -0.65 0.00	40.88 -0.82 0.00	41.65 -1.06 0.00	46.85 -0.71 0.00	46.86 -0.24 0.00	44.65 -0.38 0.00	50.45 -0.68 0.00	52.81 -1.31 0.00	48.54 -1.62 0.00	49.87 -2.54 0.00	36.81 -2.08 0.02	28.83 -1.52 0.00
DUNKIRK___2 23564	52.92 -1.66 0.00	49.29 -1.55 0.00	44.25 -1.37 0.00	45.09 -1.56 0.00	51.67 -1.40 0.00	51.09 -1.26 0.00	49.88 -1.85 0.00	44.45 -2.38 0.00	25.12 -1.31 0.00	30.68 -1.43 0.00	33.39 -1.23 0.00	35.63 -0.83 0.00	33.38 -0.65 0.00	40.88 -0.82 0.00	41.65 -1.06 0.00	46.85 -0.71 0.00	46.86 -0.24 0.00	44.65 -0.38 0.00	50.45 -0.68 0.00	52.81 -1.31 0.00	48.54 -1.62 0.00	49.87 -2.54 0.00	36.81 -2.08 0.02	28.83 -1.52 0.00
DUNKIRK___3 23565	52.65 -1.92 0.00	49.09 -1.75 0.00	44.06 -1.56 0.00	44.87 -1.77 0.00	51.41 -1.67 0.00	50.84 -1.50 0.00	49.69 -2.04 0.00	44.28 -2.55 0.00	25.00 -1.43 0.00	30.56 -1.55 0.00	33.23 -1.39 0.00	35.44 -1.02 0.00	33.20 -0.83 0.00	40.63 -1.07 0.00	41.38 -1.33 0.00	46.50 -1.06 0.00	46.52 -0.58 0.00	44.31 -0.73 0.00	50.06 -1.06 0.00	52.43 -1.68 0.00	48.21 -1.96 0.00	49.55 -2.87 0.00	36.57 -2.31 0.02	28.67 -1.68 0.00
DUNKIRK___4 23566	52.65 -1.92 0.00	49.09 -1.75 0.00	44.06 -1.56 0.00	44.87 -1.77 0.00	51.41 -1.67 0.00	50.84 -1.50 0.00	49.69 -2.04 0.00	44.28 -2.55 0.00	25.00 -1.43 0.00	30.56 -1.55 0.00	33.23 -1.39 0.00	35.44 -1.02 0.00	33.20 -0.83 0.00	40.63 -1.07 0.00	41.38 -1.33 0.00	46.50 -1.06 0.00	46.52 -0.58 0.00	44.31 -0.73 0.00	50.06 -1.06 0.00	52.43 -1.68 0.00	48.21 -1.96 0.00	49.55 -2.87 0.00	36.57 -2.31 0.02	28.67 -1.68 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	58.19 3.62 0.00	53.64 2.80 0.00	48.17 2.55 0.00	49.22 2.57 0.00	55.47 2.40 0.00	54.48 2.14 0.00	53.62 1.88 0.00	48.76 1.92 0.00	67.63 1.41 -39.79	47.47 1.88 -13.48	37.56 2.59 -0.35	39.28 2.82 0.00	37.77 2.73 -1.01	46.76 3.49 -1.57	47.39 3.72 -0.97	53.73 4.07 -2.10	51.10 4.00 0.00	48.99 3.96 0.00	55.16 4.03 0.00	57.47 3.35 0.00	53.12 2.95 0.00	55.02 2.60 0.00	41.11 2.21 0.00	33.76 1.86 -1.54
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	57.77 3.20 0.00	53.33 2.49 0.00	47.86 2.24 0.00	48.91 2.26 0.00	55.26 2.19 0.00	54.33 1.99 0.00	53.43 1.70 0.00	48.46 1.63 0.00	14.45 1.17 13.16	29.22 1.55 4.44	36.58 2.07 0.11	38.69 2.23 0.00	35.83 2.13 0.33	44.66 2.75 -0.20	45.80 2.97 -0.12	51.13 3.29 -0.27	50.39 3.29 0.00	48.41 3.38 0.00	54.67 3.55 0.00	57.13 3.02 0.00	52.82 2.65 0.00	54.71 2.30 0.00	40.71 1.81 0.00	31.35 1.50 0.50
E179THST_138_KV_TB4_REV_LBMP_J 345001	57.85 3.27 -0.01	53.33 2.48 -0.01	47.96 2.34 0.00	48.95 2.30 0.00	55.15 2.09 0.00	54.18 1.84 0.00	53.39 1.66 0.00	48.71 1.88 0.00	67.57 1.41 -39.73	47.43 1.87 -13.46	37.61 2.64 -0.35	39.24 2.79 0.00	37.87 2.83 -1.00	46.85 3.57 -1.57	47.57 3.89 -0.97	53.86 4.20 -2.10	51.22 4.12 0.00	49.00 3.96 0.00	55.06 3.94 0.00	57.47 3.36 0.00	53.14 2.97 0.00	54.98 2.57 0.00	41.20 2.30 0.00	33.86 1.97 -1.54

E179THST_13_KV_LOAD 356214	58.27 3.68 -0.01	53.69 2.85 -0.01	48.26 2.64 0.00	49.25 2.60 0.00	55.48 2.41 0.00	54.52 2.18 0.00	53.72 1.99 0.00	49.01 2.18 0.00	67.74 1.58 -39.73	47.64 2.07 -13.46	37.84 2.87 -0.35	39.49 3.03 0.00	38.11 3.07 -1.00	47.14 3.86 -1.57	47.87 4.19 -0.97	54.20 4.53 -2.10	51.57 4.47 0.00	49.31 4.28 0.00	55.43 4.31 0.00	57.86 3.74 0.00	53.49 3.32 0.00	55.33 2.92 0.00	41.47 2.57 0.00	34.05 2.16 -1.54
EAST HAMPTON___GT 23717	59.16 4.59 0.00	54.41 3.57 0.00	48.88 3.26 0.01	49.67 3.03 0.00	56.22 3.15 0.00	55.08 2.74 0.00	54.34 2.61 0.00	49.76 2.93 0.00	67.95 1.94 -39.58	50.68 2.77 -15.80	44.17 4.15 -5.40	40.89 4.43 0.00	64.82 4.32 -26.46	67.10 5.98 -19.41	51.28 6.20 -2.38	56.68 7.01 -2.12	53.39 6.30 0.00	51.02 5.99 0.00	57.91 6.79 0.00	59.68 5.56 0.00	54.94 4.77 0.00	57.36 4.94 0.00	43.30 4.39 0.00	35.45 3.56 -1.54
EAST RIVER___6 23660	58.16 3.59 0.00	53.58 2.75 0.00	48.14 2.52 0.00	49.21 2.56 0.00	55.34 2.27 0.00	54.37 2.02 0.00	53.52 1.79 0.00	48.76 1.93 0.00	67.69 1.48 -39.78	47.54 1.95 -13.47	37.71 2.74 -0.35	39.50 3.04 0.00	37.98 2.94 -1.01	47.03 3.76 -1.57	47.69 4.01 -0.97	54.04 4.39 -2.10	51.41 4.31 0.00	49.27 4.24 0.00	55.37 4.24 0.00	57.61 3.49 0.00	53.26 3.10 0.00	55.11 2.69 0.00	41.26 2.36 0.00	33.88 1.98 -1.54
EAST RIVER___7 23524	58.16 3.59 0.00	53.58 2.75 0.00	48.14 2.52 0.00	49.21 2.56 0.00	55.34 2.27 0.00	54.37 2.02 0.00	53.52 1.79 0.00	48.76 1.93 0.00	67.69 1.48 -39.78	47.54 1.95 -13.47	37.71 2.74 -0.35	39.50 3.04 0.00	37.98 2.94 -1.01	47.03 3.76 -1.57	47.69 4.01 -0.97	54.04 4.39 -2.10	51.41 4.31 0.00	49.27 4.24 0.00	55.37 4.24 0.00	57.61 3.49 0.00	53.26 3.10 0.00	55.11 2.69 0.00	41.26 2.36 0.00	33.88 1.98 -1.54
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	57.98 3.41 0.00	53.45 2.62 0.00	48.01 2.39 0.00	49.06 2.42 0.00	55.31 2.24 0.00	54.36 2.02 0.00	53.48 1.75 0.00	48.61 1.79 0.00	69.10 1.32 -41.35	47.87 1.76 -14.00	37.41 2.43 -0.36	39.10 2.64 0.00	37.63 2.56 -1.04	46.43 3.28 -1.46	47.11 3.50 -0.90	53.33 3.83 -1.95	50.86 3.76 0.00	48.78 3.74 0.00	54.95 3.82 0.00	57.28 3.17 0.00	52.95 2.79 0.00	54.84 2.43 0.00	40.94 2.04 0.00	33.69 1.73 -1.61
EAST_HAMPTON___DIESEL 23722	59.04 4.48 0.00	54.32 3.48 0.00	48.78 3.17 0.01	49.57 2.93 0.00	56.14 3.08 0.00	55.01 2.67 0.00	54.25 2.52 0.00	49.70 2.87 0.00	67.91 1.90 -39.58	50.67 2.76 -15.80	44.16 4.13 -5.40	40.87 4.42 0.00	64.81 4.32 -26.46	67.10 5.99 -19.41	51.28 6.20 -2.38	56.73 7.05 -2.12	53.41 6.32 0.00	51.07 6.04 0.00	57.97 6.84 0.00	59.73 5.61 0.00	54.98 4.81 0.00	57.40 4.98 0.00	43.32 4.41 0.00	35.47 3.58 -1.54
EAST_POINT___SOLAR 323840	57.88 3.31 0.00	53.89 3.05 0.00	48.24 2.62 0.00	49.27 2.62 0.00	56.17 3.10 0.00	55.44 3.09 0.00	54.73 3.00 0.00	49.10 2.27 0.00	27.32 0.89 0.00	33.21 1.10 0.00	35.32 0.70 0.00	36.51 0.05 0.00	34.30 0.27 0.00	41.84 0.19 0.06	43.02 0.34 0.03	47.56 0.08 0.07	47.14 0.04 0.00	45.19 0.16 0.00	52.10 0.97 0.00	57.02 2.90 0.00	53.77 3.60 0.00	56.18 3.76 0.00	41.59 2.68 0.00	32.24 1.88 0.00
EAST_PULASKI___ESR 323781	53.75 -0.82 0.00	50.24 -0.66 -0.07	44.97 -0.65 0.00	45.94 -0.70 0.00	52.44 -0.63 0.00	51.67 -0.67 0.00	50.95 -0.78 0.00	46.01 -0.82 0.00	25.86 -0.57 0.00	31.40 -0.71 0.00	33.83 -0.79 0.00	35.59 -0.86 0.00	33.21 -0.82 0.00	40.71 -0.99 0.00	41.64 -1.07 0.00	46.35 -1.21 0.00	46.02 -1.08 0.00	44.19 -0.85 0.00	50.35 -0.77 0.00	53.53 -0.58 0.00	49.82 -0.34 0.00	52.11 -0.31 0.00	38.61 -0.29 0.00	30.13 -0.21 0.00
EAST_RIVER___1 323558	58.20 3.62 0.00	53.61 2.78 0.00	48.18 2.56 0.00	49.24 2.59 0.00	55.36 2.30 0.00	54.41 2.06 0.00	53.57 1.84 0.00	48.81 1.98 0.00	67.72 1.50 -39.78	47.56 1.97 -13.48	37.74 2.76 -0.35	39.51 3.05 0.00	38.01 2.97 -1.01	47.06 3.79 -1.57	47.71 4.04 -0.97	54.07 4.42 -2.10	51.44 4.34 0.00	49.30 4.26 0.00	55.39 4.26 0.00	57.65 3.53 0.00	53.29 3.13 0.00	55.14 2.72 0.00	41.28 2.38 0.00	33.90 2.00 -1.54
EAST_RIVER___2 323559	58.16 3.59 0.00	53.58 2.75 0.00	48.14 2.52 0.00	49.21 2.56 0.00	55.34 2.27 0.00	54.37 2.02 0.00	53.52 1.79 0.00	48.76 1.93 0.00	67.69 1.48 -39.78	47.54 1.95 -13.47	37.71 2.74 -0.35	39.50 3.04 0.00	37.98 2.94 -1.01	47.03 3.76 -1.57	47.69 4.01 -0.97	54.04 4.39 -2.10	51.41 4.31 0.00	49.27 4.24 0.00	55.37 4.24 0.00	57.61 3.49 0.00	53.26 3.10 0.00	55.11 2.69 0.00	41.26 2.36 0.00	33.88 1.98 -1.54
EAST___DELAWARE_HYD 23607	56.23 1.66 0.00	51.83 0.99 0.00	46.44 0.82 0.00	47.44 0.79 0.00	53.64 0.57 0.00	52.72 0.38 0.00	51.86 0.13 0.00	47.02 0.19 0.00	16.48 0.32 10.27	29.11 0.46 3.47	35.46 0.93 0.09	37.46 1.00 0.00	28.22 1.01 6.82	36.24 1.41 6.87	44.13 1.63 0.21	49.65 1.88 -0.21	49.05 1.95 0.00	47.26 2.22 0.00	53.60 2.48 0.00	56.20 2.09 0.00	51.88 1.72 0.00	53.64 1.22 0.00	39.80 0.90 0.00	30.67 0.72 0.40
EIGHT_POINT___WT_PWR 323820	52.21 -2.36 0.00	48.81 -2.03 -0.01	44.25 -1.37 0.00	45.13 -1.52 0.00	51.68 -1.39 0.00	51.38 -0.96 0.00	50.62 -1.11 0.00	45.18 -1.65 0.00	25.40 -1.04 0.00	30.93 -1.18 0.00	33.52 -1.10 0.00	35.62 -0.84 0.00	33.34 -0.69 0.00	40.90 -0.80 0.00	41.65 -1.06 0.00	46.68 -0.87 0.00	46.62 -0.48 0.00	44.61 -0.42 0.00	50.72 -0.41 0.00	53.75 -0.37 0.00	49.79 -0.38 0.00	51.36 -1.05 0.00	37.91 -0.98 0.01	29.67 -0.67 0.00
ELBRIDGE_115KV_TB2 80188	53.95 -0.62 0.00	50.22 -0.66 -0.05	45.03 -0.59 0.00	45.94 -0.70 0.00	52.24 -0.83 0.00	51.60 -0.74 0.00	50.91 -0.82 0.00	46.00 -0.83 0.00	25.92 -0.51 0.00	31.50 -0.62 0.00	33.98 -0.64 0.00	35.78 -0.68 0.00	33.37 -0.66 0.00	41.01 -0.69 0.00	42.04 -0.67 0.00	46.92 -0.64 0.00	46.62 -0.48 0.00	44.69 -0.34 0.00	50.78 -0.34 0.00	53.60 -0.52 0.00	49.68 -0.49 0.00	51.63 -0.78 0.00	38.24 -0.67 0.00	29.85 -0.50 0.00
ELEC_TRO_TEK 24086	58.46 3.89 0.00	53.88 3.05 0.00	48.31 2.69 -0.01	49.26 2.62 0.00	55.46 2.39 0.00	54.48 2.14 0.00	53.57 1.84 0.00	48.79 1.96 0.00	67.48 1.47 -39.58	49.96 2.05 -15.80	42.99 2.97 -5.40	39.60 3.13 0.00	63.77 3.05 -26.69	65.06 3.94 -19.41	49.27 4.18 -2.38	54.14 4.46 -2.12	50.99 3.90 0.00	48.95 3.92 0.00	55.24 4.12 0.00	57.35 3.23 0.00	52.99 2.82 0.00	55.01 2.59 0.00	41.34 2.44 0.00	33.91 2.03 -1.54
ELLENBURG_WT_PWR 323604	53.36 -1.21 0.00	49.93 -0.91 0.00	44.75 -0.87 0.00	45.86 -0.78 0.00	52.49 -0.58 0.00	52.03 -0.31 0.00	51.95 0.22 0.00	47.11 0.28 0.00	26.46 0.02 0.00	32.02 -0.10 0.00	34.35 -0.27 0.00	36.29 -0.17 0.00	33.97 -0.06 0.00	41.57 -0.13 0.00	42.51 -0.19 0.00	47.28 -0.28 0.00	46.83 -0.27 0.00	44.57 -0.46 0.00	50.73 -0.40 0.00	54.10 -0.01 0.00	50.22 0.05 0.00	52.95 0.53 0.00	39.43 0.53 0.00	30.71 0.36 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	52.20 -2.37 0.00	48.74 -2.10 0.00	43.72 -1.90 0.00	44.40 -2.25 0.00	50.86 -2.21 0.00	50.41 -1.94 0.00	49.31 -2.42 0.00	43.86 -2.96 0.00	24.65 -1.78 0.00	30.19 -1.92 0.00	32.70 -1.92 0.00	34.84 -1.62 0.00	32.63 -1.40 0.00	39.80 -1.90 0.00	40.50 -2.21 0.00	45.53 -2.02 0.00	45.65 -1.45 0.00	43.38 -1.65 0.00	49.03 -2.09 0.00	51.40 -2.72 0.00	47.31 -2.86 0.00	48.65 -3.77 0.00	35.91 -2.97 0.02	28.16 -2.19 0.00
EMPIRE_CC_1 323656	56.35 1.77 0.00	52.51 1.68 0.00	47.26 1.65 0.00	48.42 1.78 0.00	54.91 1.84 0.00	54.04 1.70 0.00	53.23 1.50 0.00	48.05 1.21 0.00	33.69 0.71 -6.55	35.27 0.94 -2.22	35.35 0.67 -0.06	36.92 0.46 0.00	34.54 0.34 -0.17	41.94 0.34 0.10	43.11 0.46 0.06	47.80 0.39 0.14	47.47 0.37 0.00	45.68 0.64 0.00	51.82 0.70 0.00	54.47 0.35 0.00	50.73 0.56 0.00	52.82 0.40 0.00	39.33 0.43 0.00	31.23 0.62 -0.25
EMPIRE_CC_2 323658	56.35 1.77 0.00	52.51 1.68 0.00	47.26 1.65 0.00	48.42 1.78 0.00	54.91 1.84 0.00	54.04 1.70 0.00	53.23 1.50 0.00	48.05 1.21 0.00	33.69 0.71 -6.55	35.27 0.94 -2.22	35.35 0.67 -0.06	36.92 0.46 0.00	34.54 0.34 -0.17	41.94 0.34 0.10	43.11 0.46 0.06	47.80 0.39 0.14	47.47 0.37 0.00	45.68 0.64 0.00	51.82 0.70 0.00	54.47 0.35 0.00	50.73 0.56 0.00	52.82 0.40 0.00	39.33 0.43 0.00	31.23 0.62 -0.25
ENORWICH_115KV_TB1 80156	56.19 1.62 0.00	52.09 1.23 -0.02	46.86 1.24 0.00	47.64 1.00 0.00	54.49 1.42 0.00	54.48 2.14 0.00	54.04 2.31 0.00	48.83 2.00 0.00	27.47 1.04 0.00	33.30 1.19 0.00	36.02 1.40 0.00	37.85 1.39 0.00	35.35 1.32 0.00	43.66 1.96 0.00	44.69 1.98 0.00	49.92 2.36 0.00	49.73 2.64 0.00	47.99 2.95 0.00	54.90 3.78 0.00	58.39 4.27 0.00	54.03 3.86 0.00	56.04 3.62 0.00	41.29 2.39 0.00	32.13 1.78 0.00
ERIE_ST__34_KV_TB1-2 80199	52.63 -1.94 0.00	49.08 -1.76 0.00	43.99 -1.63 0.00	44.69 -1.95 0.00	51.15 -1.92 0.00	50.66 -1.68 0.00	49.64 -2.09 0.00	44.25 -2.59 0.00	24.93 -1.50 0.00	30.54 -1.57 0.00	33.12 -1.51 0.00	35.27 -1.19 0.00	33.01 -1.02 0.00	40.31 -1.39 0.00	41.09 -1.62 0.00	46.19 -1.37 0.00	46.27 -0.82 0.00	44.03 -1.01 0.00	49.77 -1.35 0.00	52.19 -1.93 0.00	47.98 -2.19 0.00	49.28 -3.13 0.00	36.34 -2.54 0.02	28.47 -1.88 0.00
ERIE_WT_PWR 323693	52.44 -2.13 0.00	48.95 -1.89 0.00	43.90 -1.72 0.00	44.61 -2.04 0.00	51.08 -1.99 0.00	50.62 -1.72 0.00	49.53 -2.21 0.00	44.05 -2.78 0.00	24.77 -1.66 0.00	30.35 -1.77 0.00	32.87 -1.75 0.00	35.02 -1.44 0.00	32.80 -1.23 0.00	40.06 -1.64 0.00	40.76 -1.94 0.00	45.82 -1.74 0.00	45.93 -1.17 0.00	43.67 -1.36 0.00	49.40 -1.73 0.00	51.78 -2.33 0.00	47.66 -2.51 0.00	48.99 -3.42 0.00	36.15 -2.74 0.02	28.32 -2.03 0.00
ESPRGFLD_115KV_TB1 80157	56.17 1.60 0.00	52.30 1.46 0.00	46.91 1.29 0.00	47.92 1.27 0.00	54.64 1.57 0.00	54.01 1.66 0.00	53.49 1.75 0.00	48.36 1.53 0.00	27.27 0.84 0.00	33.05 0.94 0.00	35.83 1.21 0.00	37.87 1.41 0.00	35.54 1.50 0.00	43.68 1.98 0.00	44.68 1.97 0.00	49.75 2.20 0.00	49.35 2.26 0.00	47.19 2.16 0.00	53.57 2.45 0.00	57.01 2.89 0.00	52.83 2.66 0.00	55.07 2.65 0.00	40.76 1.86 0.00	31.59 1.24 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	55.26 0.69 0.00	51.33 0.47 -0.03	46.07 0.46 0.00	47.03 0.38 0.00	53.56 0.50 0.00	52.92 0.57 0.00	52.18 0.45 0.00	47.05 0.22 0.00	26.52 0.09 0.00	32.15 0.04 0.00	34.64 0.02 0.00	36.48 0.02 0.00	34.05 0.02 0.00	41.85 0.15 0.00	42.75 0.04 0.00	47.71 0.15 0.00	47.43 0.33 0.00	45.58 0.54 0.00	51.99 0.87 0.00	55.11 1.00 0.00	51.14 0.97 0.00	53.08 0.66 0.00	39.29 0.38 0.00	30.63 0.27 0.00
ETNA____115KV_TB2 80207	55.26 0.69 0.00	51.33 0.47 -0.03	46.07 0.46 0.00	47.03 0.38 0.00	53.56 0.50 0.00	52.92 0.57 0.00	52.18 0.45 0.00	47.05 0.22 0.00	26.52 0.09 0.00	32.15 0.04 0.00	34.64 0.02 0.00	36.48 0.02 0.00	34.05 0.02 0.00	41.85 0.15 0.00	42.75 0.04 0.00	47.71 0.15 0.00	47.43 0.33 0.00	45.58 0.54 0.00	51.99 0.87 0.00	55.11 1.00 0.00	51.14 0.97 0.00	53.08 0.66 0.00	39.29 0.38 0.00	30.63 0.27 0.00
EUCLID___115KV_TB2 356179	53.60 -0.97 0.00	49.88 -0.98 -0.02	44.71 -0.91 0.00	45.66 -0.99 0.00	51.98 -1.09 0.00	51.29 -1.06 0.00	50.56 -1.17 0.00	45.67 -1.16 0.00	25.76 -0.68 0.00	31.35 -0.76 0.00	33.84 -0.78 0.00	35.64 -0.82 0.00	33.25 -0.78 0.00	40.81 -0.89 0.00	41.79 -0.92 0.00	46.62 -0.94 0.00	46.31 -0.79 0.00	44.37 -0.66 0.00	50.41 -0.72 0.00	53.23 -0.89 0.00	49.28 -0.89 0.00	51.23 -1.19 0.00	37.96 -0.94 0.00	29.62 -0.73 0.00
E_CANADA_CAP_HY 24051	56.72 2.15 0.00	52.97 2.14 0.00	47.45 1.83 0.00	48.45 1.81 0.00	55.29 2.22 0.00	54.61 2.27 0.00	54.12 2.39 0.00	48.85 2.02 0.00	27.40 0.97 0.00	33.15 1.03 0.00	35.70 1.08 0.00	37.58 1.13 0.00	35.26 1.23 0.00	43.19 1.54 0.05	44.18 1.50 0.03	49.12 1.62 0.06	48.71 1.62 0.00	46.55 1.52 0.00	53.07 1.95 0.00	57.00 2.88 0.00	53.14 2.98 0.00	55.60 3.18 0.00	41.18 2.28 0.00	31.90 1.55 0.00
E_CANADA_MHWK_HY 24050	56.23 1.66 0.00	51.91 1.08 0.00	46.69 1.07 0.00	47.88 1.23 0.00	54.40 1.34 0.00	53.59 1.25 0.00	52.65 0.91 0.00	47.11 0.28 0.00	26.53 0.10 0.00	32.41 0.29 0.00	34.76 0.14 0.00	36.11 -0.34 0.00	33.53 -0.50 0.00	41.00 -0.70 0.00	42.15 -0.55 0.00	46.57 -0.99 0.00	46.14 -0.95 0.00	44.79 -0.25 0.00	51.49 0.36 0.00	54.75 0.64 0.00	51.18 1.02 0.00	53.19 0.78 0.00	39.44 0.54 0.00	30.96 0.61 0.00
E_FISHKILL___LBMP 23776	57.47 2.90 0.00	53.08 2.25 0.00	47.69 2.06 0.00	48.76 2.12 0.00	55.11 2.05 0.00	54.18 1.84 0.00	53.30 1.57 0.00	48.32 1.49 0.00	36.91 1.08 -9.40	36.74 1.45 -3.18	36.61 1.91 -0.08	38.47 2.01 0.00	36.18 1.91 -0.24	43.87 2.47 0.29	45.19 2.67 0.18	50.06 2.90 0.39	49.96 2.86 0.00	47.94 2.91 0.00	54.12 3.00 0.00	56.55 2.43 0.00	52.34 2.18 0.00	54.29 1.88 0.00	40.49 1.58 0.00	32.07 1.36 -0.36
FALCON___SEABRD_CC1 323796	53.94 -0.63 0.00	50.43 -0.41 0.00	45.27 -0.35 0.00	46.36 -0.29 0.00	53.02 -0.06 0.00	52.51 0.17 0.00	52.41 0.68 0.00	47.48 0.64 0.00	26.55 0.11 0.00	32.05 -0.06 0.00	34.30 -0.32 0.00	36.21 -0.25 0.00	33.91 -0.12 0.00	41.51 -0.19 0.00	42.52 -0.19 0.00	47.30 -0.26 0.00	46.91 -0.19 0.00	44.66 -0.37 0.00	50.84 -0.28 0.00	54.14 0.02 0.00	50.34 0.17 0.00	53.21 0.79 0.00	39.81 0.91 0.00	31.08 0.73 0.00
FALCON___SEABRD_CC2 323797	53.94 -0.63 0.00	50.43 -0.41 0.00	45.27 -0.35 0.00	46.36 -0.29 0.00	53.02 -0.06 0.00	52.51 0.17 0.00	52.41 0.68 0.00	47.48 0.64 0.00	26.55 0.11 0.00	32.05 -0.06 0.00	34.30 -0.32 0.00	36.21 -0.25 0.00	33.91 -0.12 0.00	41.51 -0.19 0.00	42.52 -0.19 0.00	47.30 -0.26 0.00	46.91 -0.19 0.00	44.66 -0.37 0.00	50.84 -0.28 0.00	54.14 0.02 0.00	50.34 0.17 0.00	53.21 0.79 0.00	39.81 0.91 0.00	31.08 0.73 0.00

FAR ROCKAWAY___4 23548	59.34 4.77 0.00	54.64 3.80 0.00	49.05 3.42 -0.01	50.22 3.57 0.00	56.51 3.44 0.00	55.49 3.15 0.00	54.54 2.81 0.00	49.66 2.83 0.00	67.98 1.97 -39.58	50.62 2.71 -15.80	43.71 3.70 -5.40	40.36 3.90 0.00	64.85 3.79 -27.02	65.83 4.72 -19.41	50.07 4.99 -2.38	55.05 5.37 -2.12	51.98 4.88 0.00	49.64 4.61 0.00	55.95 4.82 0.00	58.06 3.95 0.00	53.75 3.58 0.00	55.99 3.58 0.00	42.06 3.15 0.00	34.53 2.64 -1.54
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	58.22 3.65 0.00	53.62 2.78 0.00	48.18 2.56 0.00	49.25 2.61 0.00	55.38 2.31 0.00	54.42 2.08 0.00	53.60 1.87 0.00	48.82 1.99 0.00	67.71 1.51 -39.77	47.57 1.98 -13.47	37.74 2.77 -0.35	39.52 3.06 0.00	38.01 2.97 -1.00	47.08 3.81 -1.57	47.72 4.05 -0.97	54.09 4.44 -2.10	51.45 4.35 0.00	49.31 4.28 0.00	55.41 4.29 0.00	57.66 3.55 0.00	53.31 3.14 0.00	55.16 2.74 0.00	41.30 2.39 0.00	33.91 2.02 -1.54
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	58.25 3.68 0.00	53.66 2.82 0.00	48.22 2.60 0.00	49.28 2.64 0.00	55.41 2.34 0.00	54.45 2.11 0.00	53.62 1.89 0.00	48.85 2.02 0.00	67.72 1.51 -39.77	47.58 1.99 -13.47	37.75 2.78 -0.35	39.53 3.07 0.00	38.02 2.99 -1.00	47.09 3.82 -1.57	47.73 4.06 -0.97	54.10 4.45 -2.10	51.47 4.37 0.00	49.32 4.28 0.00	55.42 4.30 0.00	57.68 3.57 0.00	53.33 3.16 0.00	55.19 2.77 0.00	41.31 2.41 0.00	33.93 2.04 -1.54
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	58.16 3.59 0.00	53.58 2.74 0.00	48.14 2.52 0.00	49.21 2.56 0.00	55.34 2.28 0.00	54.39 2.05 0.00	53.56 1.83 0.00	48.80 1.97 0.00	67.70 1.49 -39.77	47.54 1.96 -13.47	37.72 2.75 -0.35	39.50 3.04 0.00	37.99 2.95 -1.00	47.05 3.78 -1.57	47.69 4.02 -0.97	54.05 4.40 -2.10	51.40 4.31 0.00	49.27 4.23 0.00	55.36 4.24 0.00	57.61 3.49 0.00	53.26 3.09 0.00	55.11 2.69 0.00	41.26 2.36 0.00	33.89 2.00 -1.54
FARRAGUT___LBMP 323566	58.11 3.54 0.00	53.53 2.69 0.00	48.11 2.49 0.00	49.17 2.52 0.00	55.29 2.23 0.00	54.34 2.00 0.00	53.51 1.78 0.00	48.74 1.91 0.00	67.66 1.45 -39.77	47.50 1.92 -13.47	37.67 2.70 -0.35	39.45 2.99 0.00	37.94 2.91 -1.00	46.98 3.71 -1.57	47.64 3.96 -0.97	53.99 4.33 -2.10	51.35 4.25 0.00	49.21 4.18 0.00	55.30 4.17 0.00	57.55 3.44 0.00	53.21 3.04 0.00	55.06 2.65 0.00	41.23 2.32 0.00	33.86 1.97 -1.54
FENNER___WINDPWR 24204	55.39 0.82 0.00	51.55 0.70 -0.02	46.19 0.57 0.00	47.23 0.59 0.00	53.88 0.81 0.00	53.19 0.84 0.00	52.51 0.78 0.00	47.44 0.61 0.00	26.72 0.29 0.00	32.43 0.31 0.00	34.91 0.28 0.00	36.71 0.26 0.00	34.27 0.23 0.00	42.04 0.34 0.00	43.04 0.33 0.00	47.99 0.43 0.00	47.67 0.57 0.00	45.77 0.73 0.00	52.13 1.00 0.00	55.29 1.18 0.00	51.34 1.17 0.00	53.47 1.05 0.00	39.60 0.70 0.00	30.84 0.49 0.00
FIBERTEK___ENERGY 23856	54.23 -0.35 0.00	50.48 -0.40 -0.05	45.11 -0.51 0.00	45.93 -0.72 0.00	52.21 -0.86 0.00	51.56 -0.78 0.00	50.90 -0.83 0.00	46.15 -0.68 0.00	25.97 -0.46 0.00	31.60 -0.51 0.00	34.14 -0.48 0.00	35.88 -0.57 0.00	33.42 -0.61 0.00	41.21 -0.49 0.00	42.25 -0.46 0.00	47.15 -0.41 0.00	46.84 -0.25 0.00	44.92 -0.12 0.00	51.04 -0.08 0.00	53.91 -0.21 0.00	49.91 -0.26 0.00	51.89 -0.53 0.00	38.43 -0.47 0.00	29.98 -0.37 0.00
FITZPATRICK___ 23598	52.81 -1.76 0.00	48.91 -1.67 0.26	44.12 -1.50 0.00	45.06 -1.58 0.00	51.31 -1.76 0.00	50.63 -1.72 0.00	49.93 -1.80 0.00	45.10 -1.73 0.00	25.44 -1.00 0.00	30.94 -1.17 0.00	33.37 -1.25 0.00	35.16 -1.30 0.00	32.81 -1.23 0.00	40.23 -1.47 0.00	41.19 -1.52 0.00	45.92 -1.63 0.00	45.60 -1.50 0.00	43.65 -1.38 0.00	49.58 -1.54 0.00	52.39 -1.73 0.00	48.53 -1.63 0.00	50.54 -1.88 0.00	37.48 -1.43 0.00	29.26 -1.10 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	58.44 3.87 0.00	53.96 3.12 0.00	48.42 2.80 0.00	49.47 2.82 0.00	55.91 2.84 0.00	54.96 2.62 0.00	54.08 2.35 0.00	49.04 2.21 0.00	27.92 1.49 0.00	34.06 1.95 0.00	37.06 2.45 0.00	39.06 2.60 0.00	36.50 2.47 0.00	44.81 3.16 0.05	46.11 3.43 0.03	51.29 3.80 0.07	50.91 3.82 0.00	48.93 3.89 0.00	55.26 4.14 0.00	57.73 3.62 0.00	53.34 3.18 0.00	55.26 2.84 0.00	41.12 2.22 0.00	32.14 1.79 0.00
FORT ORANGE___ 23900	55.82 1.25 0.00	51.98 1.14 0.00	46.83 1.21 0.00	47.99 1.34 0.00	54.48 1.41 0.00	53.64 1.30 0.00	52.76 1.02 0.00	47.58 0.75 0.00	26.88 0.45 0.00	32.74 0.63 0.00	34.98 0.36 0.00	36.56 0.10 0.00	20.41 -0.07 13.55	26.97 -0.16 14.58	41.94 -0.08 0.69	47.25 -0.21 0.10	46.92 -0.18 0.00	45.14 0.11 0.00	51.31 0.18 0.00	54.08 -0.04 0.00	50.32 0.15 0.00	52.37 -0.04 0.00	39.04 0.14 0.00	30.77 0.42 0.00
FORT_DRUM_COGEN 23780	55.40 0.83 0.00	52.07 1.20 -0.04	46.56 0.94 0.00	47.66 1.01 0.00	54.78 1.71 0.00	54.03 1.68 0.00	53.46 1.73 0.00	48.24 1.41 0.00	27.00 0.56 0.00	32.53 0.42 0.00	34.72 0.10 0.00	36.46 0.01 0.00	34.14 0.11 0.00	41.76 0.06 0.00	42.59 -0.12 0.00	47.23 -0.33 0.00	47.01 -0.09 0.00	45.24 0.20 0.00	51.88 0.75 0.00	55.94 1.83 0.00	52.67 2.50 0.00	55.64 3.22 0.00	41.16 2.26 0.00	31.94 1.59 0.00
FOX_HILLS___ESR 323835	57.75 3.18 0.00	53.23 2.39 0.00	47.79 2.17 0.00	48.89 2.24 0.00	54.96 1.89 0.00	53.98 1.64 0.00	53.28 1.55 0.00	48.57 1.74 0.00	67.55 1.39 -39.73	47.43 1.86 -13.46	37.67 2.70 -0.35	39.39 2.93 0.00	38.00 2.96 -1.00	46.99 3.72 -1.57	47.76 4.09 -0.97	54.04 4.37 -2.10	51.40 4.30 0.00	49.24 4.20 0.00	55.29 4.16 0.00	57.58 3.47 0.00	53.24 3.07 0.00	55.07 2.65 0.00	41.28 2.38 0.00	33.94 2.05 -1.54
FPL_FAR_ROCK_GT1 24212	59.33 4.76 0.00	54.64 3.80 0.00	49.05 3.41 -0.01	50.23 3.57 0.00	56.51 3.44 0.00	55.50 3.15 0.00	54.54 2.81 0.00	49.66 2.83 0.00	67.98 1.97 -39.58	50.62 2.71 -15.80	43.72 3.70 -5.40	40.36 3.90 0.00	64.85 3.79 -27.03	65.83 4.72 -19.41	50.07 4.98 -2.38	55.06 5.37 -2.12	51.98 4.88 0.00	49.65 4.61 0.00	55.95 4.82 0.00	58.07 3.95 0.00	53.75 3.58 0.00	56.00 3.58 0.00	42.06 3.16 0.00	34.53 2.64 -1.54
FPL_FAR_ROCK_GT2 23815	59.33 4.76 0.00	54.64 3.80 0.00	49.05 3.41 -0.01	50.23 3.57 0.00	56.51 3.44 0.00	55.50 3.15 0.00	54.54 2.81 0.00	49.66 2.83 0.00	67.98 1.97 -39.58	50.62 2.71 -15.80	43.72 3.70 -5.40	40.36 3.90 0.00	64.85 3.79 -27.03	65.83 4.72 -19.41	50.07 4.98 -2.38	55.06 5.37 -2.12	51.98 4.88 0.00	49.65 4.61 0.00	55.95 4.82 0.00	58.07 3.95 0.00	53.75 3.58 0.00	56.00 3.58 0.00	42.06 3.16 0.00	34.53 2.64 -1.54
FRANKLIN_FALL_HYD 24054	54.14 -0.43 0.00	50.67 -0.16 0.00	45.39 -0.23 0.00	46.42 -0.23 0.00	53.19 0.13 0.00	52.72 0.38 0.00	52.64 0.91 0.00	47.71 0.88 0.00	26.78 0.34 0.00	32.34 0.23 0.00	34.65 0.03 0.00	36.62 0.16 0.00	34.27 0.24 0.00	41.87 0.17 0.00	42.75 0.04 0.00	47.47 -0.09 0.00	47.05 -0.04 0.00	44.81 -0.23 0.00	51.06 -0.07 0.00	54.68 0.56 0.00	50.91 0.74 0.00	53.81 1.39 0.00	40.06 1.16 0.00	31.09 0.74 0.00

FREEPORT_EQUS_GT1 23764	59.03 4.46 0.00	54.36 3.52 0.00	48.68 3.06 0.00	49.58 2.94 0.00	55.79 2.72 0.00	54.82 2.48 0.00	53.90 2.16 0.00	49.10 2.27 0.00	67.65 1.64 -39.58	50.21 2.29 -15.80	43.30 3.27 -5.40	39.88 3.42 0.00	63.93 3.25 -26.65	65.34 4.23 -19.41	49.55 4.46 -2.38	54.42 4.74 -2.12	51.23 4.13 0.00	49.21 4.17 0.00	55.58 4.46 0.00	57.64 3.52 0.00	53.23 3.07 0.00	55.41 2.99 0.00	41.69 2.79 0.00	34.17 2.29 -1.54
FREEPORT___CT2 23818	59.03 4.46 0.00	54.36 3.52 0.00	48.68 3.06 0.00	49.58 2.94 0.00	55.79 2.72 0.00	54.82 2.48 0.00	53.90 2.16 0.00	49.10 2.27 0.00	67.65 1.64 -39.58	50.21 2.29 -15.80	43.30 3.27 -5.40	39.88 3.42 0.00	63.93 3.25 -26.65	65.34 4.23 -19.41	49.55 4.46 -2.38	54.42 4.74 -2.12	51.23 4.13 0.00	49.21 4.17 0.00	55.58 4.46 0.00	57.64 3.52 0.00	53.23 3.07 0.00	55.41 2.99 0.00	41.69 2.79 0.00	34.17 2.29 -1.54
FRESHKLS_33_KV_LOAD 356253	57.87 3.30 0.00	53.34 2.50 0.00	47.86 2.24 0.00	48.96 2.32 0.00	55.04 1.97 0.00	54.10 1.75 0.00	53.47 1.74 0.00	48.72 1.89 0.00	67.64 1.48 -39.73	47.51 1.95 -13.46	37.74 2.77 -0.35	39.46 3.00 0.00	38.11 3.07 -1.00	47.10 3.83 -1.57	47.89 4.21 -0.97	54.16 4.50 -2.10	51.58 4.48 0.00	49.42 4.39 0.00	55.51 4.39 0.00	57.83 3.72 0.00	53.47 3.30 0.00	55.26 2.84 0.00	41.43 2.52 0.00	34.03 2.14 -1.54
FULTON COGEN____ 23766	53.45 -1.13 0.00	49.88 -1.04 -0.08	44.64 -0.98 0.00	45.58 -1.07 0.00	51.89 -1.18 0.00	51.20 -1.15 0.00	50.49 -1.24 0.00	45.61 -1.23 0.00	25.69 -0.74 0.00	31.25 -0.87 0.00	33.72 -0.91 0.00	35.50 -0.96 0.00	33.11 -0.92 0.00	40.62 -1.08 0.00	41.59 -1.11 0.00	46.41 -1.15 0.00	46.10 -1.00 0.00	44.19 -0.85 0.00	50.23 -0.89 0.00	53.12 -0.99 0.00	49.19 -0.98 0.00	51.18 -1.23 0.00	37.92 -0.99 0.00	29.61 -0.74 0.00
FULTON___LFGE 323630	57.67 3.10 0.00	53.71 2.87 0.00	48.13 2.51 0.00	49.17 2.53 0.00	56.02 2.95 0.00	55.28 2.94 0.00	54.57 2.84 0.00	48.94 2.11 0.00	27.38 0.94 0.00	33.25 1.14 0.00	35.65 1.03 0.00	37.37 0.91 0.00	34.77 0.74 0.00	42.64 1.00 0.06	43.54 0.86 0.04	48.13 0.64 0.08	47.76 0.66 0.00	45.89 0.86 0.00	52.75 1.62 0.00	57.00 2.89 0.00	53.37 3.20 0.00	55.71 3.29 0.00	41.26 2.36 0.00	32.04 1.69 0.00
G.F.CEMENT___DRP 24184	58.33 3.76 0.00	53.92 3.08 0.00	48.39 2.77 0.00	49.56 2.91 0.00	56.32 3.26 0.00	55.42 3.08 0.00	54.53 2.80 0.00	49.14 2.31 0.00	27.65 1.21 0.00	33.55 1.44 0.00	35.86 1.24 0.00	37.50 1.05 0.00	34.79 0.76 0.00	42.44 0.82 0.07	43.65 0.99 0.05	48.70 1.24 0.10	48.54 1.44 0.00	46.99 1.95 0.00	53.93 2.81 0.00	56.96 2.85 0.00	53.30 3.13 0.00	55.52 3.10 0.00	41.08 2.18 0.00	32.10 1.75 0.00
GARDENVILLE___LBMP 24039	52.30 -2.28 0.00	48.82 -2.01 0.00	43.80 -1.82 0.00	44.53 -2.12 0.00	50.98 -2.09 0.00	50.50 -1.84 0.00	49.41 -2.32 0.00	43.97 -2.86 0.00	24.72 -1.71 0.00	30.27 -1.84 0.00	32.80 -1.82 0.00	34.95 -1.51 0.00	32.72 -1.31 0.00	39.94 -1.76 0.00	40.67 -2.04 0.00	45.71 -1.85 0.00	45.79 -1.31 0.00	43.54 -1.49 0.00	49.23 -1.90 0.00	51.62 -2.49 0.00	47.52 -2.65 0.00	48.87 -3.55 0.00	36.07 -2.81 0.02	28.27 -2.08 0.00
GARDNVLA_35_KV_LD 355827	52.49 -2.08 0.00	48.99 -1.84 0.00	43.94 -1.68 0.00	44.64 -2.01 0.00	51.12 -1.95 0.00	50.65 -1.69 0.00	49.56 -2.17 0.00	44.11 -2.73 0.00	24.79 -1.65 0.00	30.37 -1.74 0.00	32.92 -1.71 0.00	35.08 -1.38 0.00	32.85 -1.18 0.00	40.10 -1.61 0.00	40.84 -1.87 0.00	45.91 -1.65 0.00	46.03 -1.07 0.00	43.77 -1.27 0.00	49.50 -1.63 0.00	51.89 -2.23 0.00	47.75 -2.42 0.00	49.07 -3.35 0.00	36.20 -2.68 0.02	28.35 -2.00 0.00
GELCKHM___115KV_LOAD 80723	53.84 -0.73 0.00	50.12 -0.75 -0.03	44.87 -0.74 0.00	45.76 -0.89 0.00	52.06 -1.01 0.00	51.37 -0.97 0.00	50.68 -1.05 0.00	45.86 -0.97 0.00	25.83 -0.60 0.00	31.44 -0.67 0.00	33.95 -0.67 0.00	35.72 -0.73 0.00	33.31 -0.72 0.00	40.95 -0.75 0.00	41.96 -0.75 0.00	46.82 -0.73 0.00	46.50 -0.60 0.00	44.57 -0.47 0.00	50.64 -0.48 0.00	53.49 -0.63 0.00	49.51 -0.66 0.00	51.49 -0.93 0.00	38.14 -0.77 0.00	29.76 -0.59 0.00
GENERAL___MILLS 23808	52.41 -2.16 0.00	48.91 -1.93 0.00	43.87 -1.75 0.00	44.58 -2.07 0.00	51.06 -2.01 0.00	50.59 -1.75 0.00	49.50 -2.23 0.00	44.04 -2.79 0.00	24.76 -1.67 0.00	30.32 -1.79 0.00	32.86 -1.76 0.00	35.01 -1.45 0.00	32.78 -1.25 0.00	40.01 -1.69 0.00	40.74 -1.96 0.00	45.80 -1.76 0.00	45.89 -1.21 0.00	43.65 -1.39 0.00	49.35 -1.77 0.00	51.75 -2.36 0.00	47.62 -2.55 0.00	48.96 -3.46 0.00	36.14 -2.75 0.02	28.31 -2.04 0.00
GE_PLASTICS___DRP 24183	55.55 0.98 0.00	51.84 1.01 0.00	46.81 1.19 0.00	48.01 1.36 0.00	54.55 1.48 0.00	53.71 1.37 0.00	52.81 1.08 0.00	47.66 0.83 0.00	26.96 0.53 0.00	32.84 0.72 0.00	35.17 0.55 0.00	36.70 0.24 0.00	-205.93 0.00 239.96	-215.25 -0.06 256.90	31.36 0.02 11.38	47.38 -0.07 0.10	47.01 -0.08 0.00	45.16 0.13 0.00	51.24 0.11 0.00	53.92 -0.19 0.00	50.10 -0.07 0.00	52.15 -0.27 0.00	38.87 -0.04 0.00	30.55 0.21 0.00
GILBOA___1 23756	56.11 1.53 0.00	52.06 1.23 0.00	46.93 1.31 0.00	48.24 1.60 0.00	55.08 2.01 0.00	54.22 1.87 0.00	52.99 1.26 0.00	47.63 0.80 0.00	26.97 0.54 0.00	32.85 0.74 0.00	35.47 0.85 0.00	37.26 0.80 0.00	34.76 0.72 0.00	42.63 0.93 0.00	43.74 1.03 0.00	48.66 1.10 0.00	48.10 1.01 0.00	46.17 1.13 0.00	52.30 1.17 0.00	54.99 0.87 0.00	51.08 0.91 0.00	53.13 0.71 0.00	39.51 0.61 0.00	30.93 0.58 0.00
GILBOA___2 23757	56.11 1.53 0.00	52.06 1.23 0.00	46.93 1.31 0.00	48.24 1.60 0.00	55.08 2.01 0.00	54.22 1.87 0.00	52.99 1.26 0.00	47.63 0.80 0.00	26.97 0.54 0.00	32.85 0.74 0.00	35.47 0.85 0.00	37.26 0.80 0.00	34.76 0.72 0.00	42.63 0.93 0.00	43.74 1.03 0.00	48.66 1.10 0.00	48.10 1.01 0.00	46.17 1.13 0.00	52.30 1.17 0.00	54.99 0.87 0.00	51.08 0.91 0.00	53.13 0.71 0.00	39.51 0.61 0.00	30.93 0.58 0.00
GILBOA___3 23758	56.11 1.53 0.00	52.06 1.23 0.00	46.93 1.31 0.00	48.24 1.60 0.00	55.08 2.01 0.00	54.22 1.87 0.00	52.99 1.26 0.00	47.63 0.80 0.00	26.97 0.54 0.00	32.85 0.74 0.00	35.47 0.85 0.00	37.26 0.80 0.00	34.76 0.72 0.00	42.63 0.93 0.00	43.74 1.03 0.00	48.66 1.10 0.00	48.10 1.01 0.00	46.17 1.13 0.00	52.30 1.17 0.00	54.99 0.87 0.00	51.08 0.91 0.00	53.13 0.71 0.00	39.51 0.61 0.00	30.93 0.58 0.00
GILBOA___4 23759	56.11 1.53 0.00	52.06 1.23 0.00	46.93 1.31 0.00	48.24 1.60 0.00	55.08 2.01 0.00	54.22 1.87 0.00	52.99 1.26 0.00	47.63 0.80 0.00	26.97 0.54 0.00	32.85 0.74 0.00	35.47 0.85 0.00	37.26 0.80 0.00	34.76 0.72 0.00	42.63 0.93 0.00	43.74 1.03 0.00	48.66 1.10 0.00	48.10 1.01 0.00	46.17 1.13 0.00	52.30 1.17 0.00	54.99 0.87 0.00	51.08 0.91 0.00	53.13 0.71 0.00	39.51 0.61 0.00	30.93 0.58 0.00

GILBOA____ 23599	56.11 1.54 0.00	52.06 1.23 0.00	46.93 1.31 0.00	48.24 1.59 0.00	55.08 2.01 0.00	54.22 1.87 0.00	52.99 1.26 0.00	47.63 0.80 0.00	26.97 0.54 0.00	32.85 0.74 0.00	35.48 0.86 0.00	37.26 0.80 0.00	34.76 0.72 0.00	42.64 0.94 0.00	43.74 1.03 0.00	48.66 1.10 0.00	48.10 1.01 0.00	46.17 1.14 0.00	52.30 1.17 0.00	54.99 0.87 0.00	51.08 0.91 0.00	53.13 0.71 0.00	39.51 0.61 0.00	30.93 0.58 0.00
GINNA____ 23603	51.35 -3.22 0.00	47.80 -3.04 0.00	42.82 -2.80 0.00	43.59 -3.06 0.00	49.73 -3.34 0.00	49.22 -3.13 0.00	48.40 -3.33 0.00	43.45 -3.38 0.00	24.43 -2.01 0.00	29.81 -2.31 0.00	32.16 -2.46 0.00	33.98 -2.48 0.00	31.82 -2.21 0.00	38.96 -2.74 0.00	39.77 -2.94 0.00	44.54 -3.02 0.00	44.55 -2.55 0.00	42.58 -2.45 0.00	48.34 -2.78 0.00	50.93 -3.18 0.00	46.97 -3.20 0.00	48.56 -3.85 0.00	35.85 -3.06 0.00	27.98 -2.37 0.00
GLEN PARK____ 23778	55.65 1.08 0.00	52.28 1.40 -0.04	46.75 1.13 0.00	47.84 1.19 0.00	54.97 1.91 0.00	54.20 1.86 0.00	53.64 1.91 0.00	48.38 1.55 0.00	27.06 0.62 0.00	32.60 0.49 0.00	34.81 0.19 0.00	36.49 0.04 0.00	34.16 0.13 0.00	41.77 0.06 0.00	42.59 -0.12 0.00	47.22 -0.34 0.00	46.99 -0.11 0.00	45.24 0.21 0.00	51.91 0.78 0.00	56.05 1.94 0.00	52.89 2.73 0.00	55.94 3.52 0.00	41.37 2.47 0.00	32.09 1.74 0.00
GLENDALE_27_KV_LOAD 356172	55.64 3.49 2.43	53.03 2.67 0.48	48.11 2.49 0.00	49.14 2.49 0.00	55.28 2.21 0.00	54.29 1.94 0.00	53.52 1.79 0.00	48.83 2.01 0.00	67.67 1.51 -39.73	47.57 2.00 -13.46	37.81 2.84 -0.35	39.51 3.06 0.00	38.09 3.06 -1.00	47.12 3.85 -1.57	47.87 4.19 -0.97	54.23 4.57 -2.10	51.59 4.49 0.00	49.37 4.33 0.00	55.42 4.30 0.00	57.73 3.62 0.00	53.38 3.21 0.00	55.21 2.79 0.00	41.39 2.48 0.00	34.04 2.15 -1.54
GLENWOOD_IC_1_G5 23712	58.33 3.76 0.00	53.76 2.92 0.00	48.49 2.87 0.00	49.48 2.83 0.00	55.69 2.62 0.00	54.72 2.37 0.00	53.83 2.10 0.00	48.99 2.15 0.00	67.42 1.41 -39.58	49.87 1.96 -15.80	42.90 2.88 -5.40	39.74 3.28 0.00	63.83 3.20 -26.60	64.95 3.84 -19.41	49.14 4.05 -2.38	54.08 4.40 -2.12	51.13 4.03 0.00	49.05 4.01 0.00	55.29 4.17 0.00	57.46 3.34 0.00	53.07 2.90 0.00	55.02 2.60 0.00	41.22 2.32 0.00	33.99 2.10 -1.54
GLENWOOD_IC_2_G1 23688	58.28 3.70 0.00	53.73 2.89 0.00	48.24 2.63 0.00	49.27 2.62 0.00	55.48 2.41 0.00	54.52 2.18 0.00	53.64 1.90 0.00	48.80 1.97 0.00	67.44 1.43 -39.58	49.87 1.95 -15.80	42.80 2.78 -5.40	39.46 3.01 0.00	63.51 2.92 -26.57	64.83 3.71 -19.41	49.03 3.95 -2.38	53.97 4.29 -2.12	51.11 4.01 0.00	49.02 3.98 0.00	55.25 4.12 0.00	57.48 3.37 0.00	53.13 2.96 0.00	55.06 2.64 0.00	41.20 2.30 0.00	33.83 1.95 -1.54
GLENWOOD_IC_3_G1 23689	58.28 3.70 0.00	53.73 2.89 0.00	48.24 2.63 0.00	49.27 2.62 0.00	55.48 2.41 0.00	54.52 2.18 0.00	53.64 1.90 0.00	48.80 1.97 0.00	67.44 1.43 -39.58	49.87 1.95 -15.80	42.80 2.78 -5.40	39.46 3.01 0.00	63.51 2.92 -26.57	64.83 3.71 -19.41	49.03 3.95 -2.38	53.97 4.29 -2.12	51.11 4.01 0.00	49.02 3.98 0.00	55.25 4.12 0.00	57.48 3.37 0.00	53.13 2.96 0.00	55.06 2.64 0.00	41.20 2.30 0.00	33.83 1.95 -1.54
GLENWOOD____4 23550	58.46 3.89 0.00	53.87 3.03 0.00	48.49 2.87 0.00	49.48 2.83 0.00	55.69 2.62 0.00	54.72 2.37 0.00	53.83 2.10 0.00	49.00 2.16 0.00	67.49 1.47 -39.58	49.95 2.04 -15.80	42.96 2.94 -5.40	39.74 3.28 0.00	63.84 3.20 -26.60	65.05 3.93 -19.41	49.24 4.15 -2.38	54.20 4.52 -2.12	51.25 4.16 0.00	49.16 4.12 0.00	55.43 4.30 0.00	57.59 3.48 0.00	53.18 3.01 0.00	55.15 2.73 0.00	41.30 2.40 0.00	33.99 2.10 -1.54
GLENWOOD____5 23614	58.46 3.89 0.00	53.87 3.03 0.00	48.49 2.87 0.00	49.48 2.83 0.00	55.69 2.62 0.00	54.72 2.37 0.00	53.83 2.10 0.00	49.00 2.16 0.00	67.49 1.47 -39.58	49.95 2.04 -15.80	42.96 2.94 -5.40	39.74 3.28 0.00	63.84 3.20 -26.60	65.05 3.93 -19.41	49.24 4.15 -2.38	54.20 4.52 -2.12	51.25 4.16 0.00	49.16 4.12 0.00	55.43 4.30 0.00	57.59 3.48 0.00	53.18 3.01 0.00	55.15 2.73 0.00	41.30 2.40 0.00	33.99 2.10 -1.54
GLOBAL GREEN_PORT_GT1 23814	59.71 5.13 0.00	54.84 4.00 0.00	49.13 3.51 0.01	49.91 3.26 0.00	56.37 3.30 0.00	55.26 2.91 0.00	54.49 2.76 0.00	49.90 3.07 0.00	68.02 2.00 -39.58	50.37 2.46 -15.80	43.82 3.80 -5.40	40.46 4.00 0.00	64.40 3.91 -26.46	66.54 5.43 -19.41	50.71 5.63 -2.38	55.96 6.29 -2.12	52.65 5.55 0.00	50.44 5.40 0.00	57.26 6.14 0.00	59.05 4.94 0.00	54.55 4.38 0.00	57.29 4.87 0.00	43.22 4.31 0.00	35.32 3.43 -1.54
GLOBE____DSASP 323697	50.98 -3.60 0.00	47.66 -3.17 0.00	42.73 -2.89 0.00	43.33 -3.32 0.00	49.64 -3.43 0.00	49.26 -3.09 0.00	48.13 -3.60 0.00	42.71 -4.12 0.00	23.94 -2.49 0.00	29.33 -2.78 0.00	31.70 -2.92 0.00	33.76 -2.70 0.00	31.63 -2.40 0.00	38.48 -3.22 0.00	39.10 -3.61 0.00	43.99 -3.57 0.00	44.15 -2.95 0.00	41.86 -3.18 0.00	47.31 -3.82 0.00	49.56 -4.56 0.00	45.69 -4.48 0.00	46.98 -5.43 0.00	34.73 -4.15 0.02	27.28 -3.07 0.00
GOETHSLN____LBMP 323567	57.85 3.28 0.00	53.29 2.46 0.00	47.91 2.29 0.00	48.95 2.30 0.00	55.00 1.93 0.00	54.05 1.71 0.00	53.19 1.46 0.00	48.48 1.65 0.00	65.73 1.31 -37.99	47.32 1.74 -13.47	37.50 2.53 -0.35	39.28 2.82 0.00	37.80 2.76 -1.00	46.83 3.56 -1.57	47.48 3.80 -0.97	53.78 4.12 -2.10	51.15 4.05 0.00	49.02 3.99 0.00	55.07 3.95 0.00	57.30 3.18 0.00	53.01 2.84 0.00	54.82 2.41 0.00	41.04 2.14 0.00	33.71 1.82 -1.54
GOLAH____69_KV_TB 1_2 80279	53.82 -0.76 0.00	50.12 -0.72 0.00	44.86 -0.76 0.00	45.62 -1.03 0.00	52.11 -0.96 0.00	51.60 -0.75 0.00	50.68 -1.05 0.00	45.31 -1.52 0.00	25.43 -1.01 0.00	31.01 -1.11 0.00	33.47 -1.15 0.00	35.49 -0.97 0.00	33.20 -0.83 0.00	40.55 -1.15 0.00	41.38 -1.33 0.00	46.42 -1.14 0.00	46.46 -0.64 0.00	44.33 -0.70 0.00	50.31 -0.81 0.00	53.07 -1.05 0.00	49.02 -1.15 0.00	50.61 -1.81 0.00	37.34 -1.57 0.00	29.18 -1.17 0.00
GOODYEAR_LAKE_HYD 323669	56.17 1.60 0.00	52.14 1.29 -0.01	46.83 1.22 0.00	47.91 1.27 0.00	54.57 1.50 0.00	53.86 1.52 0.00	53.12 1.38 0.00	47.99 1.16 0.00	27.14 0.71 0.00	33.05 0.94 0.00	35.83 1.21 0.00	37.82 1.36 0.00	35.38 1.35 0.00	43.49 1.79 0.00	44.55 1.85 0.00	49.60 2.04 0.00	49.16 2.07 0.00	47.14 2.10 0.00	53.46 2.34 0.00	56.47 2.36 0.00	52.24 2.07 0.00	54.30 1.88 0.00	40.24 1.33 0.00	31.31 0.96 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	54.47 -0.10 0.00	50.63 -0.23 -0.02	45.50 -0.12 0.00	46.53 -0.12 0.00	53.02 -0.05 0.00	52.28 -0.07 0.00	51.44 -0.29 0.00	46.33 -0.50 0.00	26.23 -0.20 0.00	31.93 -0.18 0.00	34.62 0.00 0.00	36.54 0.09 0.00	34.15 0.12 0.00	41.96 0.26 0.00	42.96 0.25 0.00	47.94 0.38 0.00	47.58 0.48 0.00	45.60 0.57 0.00	51.72 0.59 0.00	54.43 0.32 0.00	50.27 0.11 0.00	52.14 -0.28 0.00	38.67 -0.23 0.00	30.23 -0.12 0.00

GOUDEY___7 23579	54.47 -0.10 0.00	50.63 -0.23 -0.02	45.50 -0.12 0.00	46.53 -0.12 0.00	53.02 -0.05 0.00	52.28 -0.07 0.00	51.44 -0.29 0.00	46.33 -0.50 0.00	26.23 -0.20 0.00	31.93 -0.18 0.00	34.62 0.00 0.00	36.54 0.09 0.00	34.15 0.12 0.00	41.96 0.26 0.00	42.96 0.25 0.00	47.94 0.38 0.00	47.58 0.48 0.00	45.60 0.57 0.00	51.72 0.59 0.00	54.43 0.32 0.00	50.27 0.11 0.00	52.14 -0.28 0.00	38.67 -0.23 0.00	30.23 -0.12 0.00
GOUDEY___8 23580	54.47 -0.10 0.00	50.63 -0.23 -0.02	45.50 -0.12 0.00	46.53 -0.12 0.00	53.02 -0.05 0.00	52.28 -0.07 0.00	51.44 -0.29 0.00	46.33 -0.50 0.00	26.23 -0.20 0.00	31.93 -0.18 0.00	34.62 0.00 0.00	36.54 0.09 0.00	34.15 0.12 0.00	41.96 0.26 0.00	42.96 0.25 0.00	47.94 0.38 0.00	47.58 0.48 0.00	45.60 0.57 0.00	51.72 0.59 0.00	54.43 0.32 0.00	50.27 0.11 0.00	52.14 -0.28 0.00	38.67 -0.23 0.00	30.23 -0.12 0.00
GOWANUS_GT1_1 24077	57.93 3.35 0.00	53.36 2.53 0.00	47.93 2.31 0.00	49.01 2.36 0.00	55.11 2.04 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.58 1.42 -39.73	47.50 1.93 -13.46	37.75 2.78 -0.35	39.46 3.01 0.00	38.05 3.01 -1.00	47.06 3.78 -1.57	47.81 4.13 -0.97	54.12 4.46 -2.10	51.46 4.37 0.00	49.28 4.25 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.32 2.42 0.00	33.98 2.08 -1.54
GOWANUS_GT1_2 24078	57.93 3.35 0.00	53.36 2.53 0.00	47.93 2.31 0.00	49.01 2.36 0.00	55.11 2.04 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.58 1.42 -39.73	47.50 1.93 -13.46	37.75 2.78 -0.35	39.46 3.01 0.00	38.05 3.01 -1.00	47.06 3.78 -1.57	47.81 4.13 -0.97	54.12 4.46 -2.10	51.46 4.37 0.00	49.28 4.25 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.32 2.42 0.00	33.98 2.08 -1.54
GOWANUS_GT1_3 24079	57.93 3.35 0.00	53.36 2.53 0.00	47.93 2.31 0.00	49.01 2.36 0.00	55.11 2.04 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.58 1.42 -39.73	47.50 1.93 -13.46	37.75 2.78 -0.35	39.46 3.01 0.00	38.05 3.01 -1.00	47.06 3.78 -1.57	47.81 4.13 -0.97	54.12 4.46 -2.10	51.46 4.37 0.00	49.28 4.25 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.32 2.42 0.00	33.98 2.08 -1.54
GOWANUS_GT1_4 24080	57.93 3.35 0.00	53.36 2.53 0.00	47.93 2.31 0.00	49.01 2.36 0.00	55.11 2.04 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.58 1.42 -39.73	47.50 1.93 -13.46	37.75 2.78 -0.35	39.46 3.01 0.00	38.05 3.01 -1.00	47.06 3.78 -1.57	47.81 4.13 -0.97	54.12 4.46 -2.10	51.46 4.37 0.00	49.28 4.25 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.32 2.42 0.00	33.98 2.08 -1.54
GOWANUS_GT1_5 24084	57.93 3.35 0.00	53.36 2.53 0.00	47.93 2.31 0.00	49.01 2.36 0.00	55.11 2.04 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.58 1.42 -39.73	47.50 1.93 -13.46	37.75 2.78 -0.35	39.46 3.01 0.00	38.05 3.01 -1.00	47.06 3.78 -1.57	47.81 4.13 -0.97	54.12 4.46 -2.10	51.46 4.37 0.00	49.28 4.25 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.32 2.42 0.00	33.98 2.08 -1.54
GOWANUS_GT1_6 24111	57.93 3.35 0.00	53.36 2.53 0.00	47.93 2.31 0.00	49.01 2.36 0.00	55.11 2.04 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.58 1.42 -39.73	47.50 1.93 -13.46	37.75 2.78 -0.35	39.46 3.01 0.00	38.05 3.01 -1.00	47.06 3.78 -1.57	47.81 4.13 -0.97	54.12 4.46 -2.10	51.46 4.37 0.00	49.28 4.25 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.32 2.42 0.00	33.98 2.08 -1.54
GOWANUS_GT1_7 24112	57.93 3.35 0.00	53.36 2.53 0.00	47.93 2.31 0.00	49.01 2.36 0.00	55.11 2.04 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.58 1.42 -39.73	47.50 1.93 -13.46	37.75 2.78 -0.35	39.46 3.01 0.00	38.05 3.01 -1.00	47.06 3.78 -1.57	47.81 4.13 -0.97	54.12 4.46 -2.10	51.46 4.37 0.00	49.28 4.25 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.32 2.42 0.00	33.98 2.08 -1.54
GOWANUS_GT1_8 24113	57.93 3.35 0.00	53.36 2.53 0.00	47.93 2.31 0.00	49.01 2.36 0.00	55.11 2.04 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.58 1.42 -39.73	47.50 1.93 -13.46	37.75 2.78 -0.35	39.46 3.01 0.00	38.05 3.01 -1.00	47.06 3.78 -1.57	47.81 4.13 -0.97	54.12 4.46 -2.10	51.46 4.37 0.00	49.28 4.25 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.32 2.42 0.00	33.98 2.08 -1.54
GOWANUS_GT2_1 24114	57.89 3.33 0.01	53.33 2.50 0.01	47.93 2.31 0.01	49.00 2.36 0.00	55.11 2.05 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.59 1.43 -39.72	47.49 1.93 -13.46	37.75 2.78 -0.35	39.46 3.00 0.00	38.05 3.01 -1.00	47.05 3.77 -1.57	47.82 4.14 -0.97	54.12 4.46 -2.10	51.46 4.36 0.00	49.28 4.24 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.33 2.43 0.00	33.97 2.08 -1.54
GOWANUS_GT2_2 24115	57.89 3.33 0.01	53.33 2.50 0.01	47.93 2.31 0.01	49.00 2.36 0.00	55.11 2.05 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.59 1.43 -39.72	47.49 1.93 -13.46	37.75 2.78 -0.35	39.46 3.00 0.00	38.05 3.01 -1.00	47.05 3.77 -1.57	47.82 4.14 -0.97	54.12 4.46 -2.10	51.46 4.36 0.00	49.28 4.24 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.33 2.43 0.00	33.97 2.08 -1.54
GOWANUS_GT2_3 24116	57.89 3.33 0.01	53.33 2.50 0.01	47.93 2.31 0.01	49.00 2.36 0.00	55.11 2.05 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.59 1.43 -39.72	47.49 1.93 -13.46	37.75 2.78 -0.35	39.46 3.00 0.00	38.05 3.01 -1.00	47.05 3.77 -1.57	47.82 4.14 -0.97	54.12 4.46 -2.10	51.46 4.36 0.00	49.28 4.24 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.33 2.43 0.00	33.97 2.08 -1.54
GOWANUS_GT2_4 24117	57.89 3.33 0.01	53.33 2.50 0.01	47.93 2.31 0.01	49.00 2.36 0.00	55.11 2.05 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.59 1.43 -39.72	47.49 1.93 -13.46	37.75 2.78 -0.35	39.46 3.00 0.00	38.05 3.01 -1.00	47.05 3.77 -1.57	47.82 4.14 -0.97	54.12 4.46 -2.10	51.46 4.36 0.00	49.28 4.24 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.33 2.43 0.00	33.97 2.08 -1.54
GOWANUS_GT2_5 24118	57.89 3.33 0.01	53.33 2.50 0.01	47.93 2.31 0.01	49.00 2.36 0.00	55.11 2.05 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.59 1.43 -39.72	47.49 1.93 -13.46	37.75 2.78 -0.35	39.46 3.00 0.00	38.05 3.01 -1.00	47.05 3.77 -1.57	47.82 4.14 -0.97	54.12 4.46 -2.10	51.46 4.36 0.00	49.28 4.24 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.33 2.43 0.00	33.97 2.08 -1.54

GOWANUS_GT2_6 24119	57.89 3.33 0.01	53.33 2.50 0.01	47.93 2.31 0.01	49.00 2.36 0.00	55.11 2.05 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.59 1.43 -39.72	47.49 1.93 -13.46	37.75 2.78 -0.35	39.46 3.00 0.00	38.05 3.01 -1.00	47.05 3.77 -1.57	47.82 4.14 -0.97	54.12 4.46 -2.10	51.46 4.36 0.00	49.28 4.24 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.33 2.43 0.00	33.97 2.08 -1.54
GOWANUS_GT2_7 24120	57.89 3.33 0.01	53.33 2.50 0.01	47.93 2.31 0.01	49.00 2.36 0.00	55.11 2.05 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.59 1.43 -39.72	47.49 1.93 -13.46	37.75 2.78 -0.35	39.46 3.00 0.00	38.05 3.01 -1.00	47.05 3.77 -1.57	47.82 4.14 -0.97	54.12 4.46 -2.10	51.46 4.36 0.00	49.28 4.24 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.33 2.43 0.00	33.97 2.08 -1.54
GOWANUS_GT2_8 24121	57.89 3.33 0.01	53.33 2.50 0.01	47.93 2.31 0.01	49.00 2.36 0.00	55.11 2.05 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.59 1.43 -39.72	47.49 1.93 -13.46	37.75 2.78 -0.35	39.46 3.00 0.00	38.05 3.01 -1.00	47.05 3.77 -1.57	47.82 4.14 -0.97	54.12 4.46 -2.10	51.46 4.36 0.00	49.28 4.24 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.33 2.43 0.00	33.97 2.08 -1.54
GOWANUS_GT3_1 24122	57.89 3.33 0.01	53.33 2.50 0.01	47.93 2.31 0.01	49.00 2.36 0.00	55.11 2.05 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.59 1.43 -39.72	47.49 1.93 -13.46	37.75 2.78 -0.35	39.46 3.00 0.00	38.05 3.01 -1.00	47.05 3.78 -1.57	47.82 4.14 -0.97	54.12 4.46 -2.10	51.46 4.36 0.00	49.28 4.24 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.33 2.43 0.00	33.97 2.08 -1.54
GOWANUS_GT3_2 24123	57.89 3.33 0.01	53.33 2.50 0.01	47.93 2.31 0.01	49.00 2.36 0.00	55.11 2.05 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.59 1.43 -39.72	47.49 1.93 -13.46	37.75 2.78 -0.35	39.46 3.00 0.00	38.05 3.01 -1.00	47.05 3.78 -1.57	47.82 4.14 -0.97	54.12 4.46 -2.10	51.46 4.36 0.00	49.28 4.24 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.33 2.43 0.00	33.97 2.08 -1.54
GOWANUS_GT3_3 24124	57.89 3.33 0.01	53.33 2.50 0.01	47.93 2.31 0.01	49.00 2.36 0.00	55.11 2.05 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.59 1.43 -39.72	47.49 1.93 -13.46	37.75 2.78 -0.35	39.46 3.00 0.00	38.05 3.01 -1.00	47.05 3.78 -1.57	47.82 4.14 -0.97	54.12 4.46 -2.10	51.46 4.36 0.00	49.28 4.24 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.33 2.43 0.00	33.97 2.08 -1.54
GOWANUS_GT3_4 24125	57.89 3.33 0.01	53.33 2.50 0.01	47.93 2.31 0.01	49.00 2.36 0.00	55.11 2.05 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.59 1.43 -39.72	47.49 1.93 -13.46	37.75 2.78 -0.35	39.46 3.00 0.00	38.05 3.01 -1.00	47.05 3.78 -1.57	47.82 4.14 -0.97	54.12 4.46 -2.10	51.46 4.36 0.00	49.28 4.24 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.33 2.43 0.00	33.97 2.08 -1.54
GOWANUS_GT3_5 24126	57.89 3.33 0.01	53.33 2.50 0.01	47.93 2.31 0.01	49.00 2.36 0.00	55.11 2.05 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.59 1.43 -39.72	47.49 1.93 -13.46	37.75 2.78 -0.35	39.46 3.00 0.00	38.05 3.01 -1.00	47.05 3.78 -1.57	47.82 4.14 -0.97	54.12 4.46 -2.10	51.46 4.36 0.00	49.28 4.24 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.33 2.43 0.00	33.97 2.08 -1.54
GOWANUS_GT3_6 24127	57.89 3.33 0.01	53.33 2.50 0.01	47.93 2.31 0.01	49.00 2.36 0.00	55.11 2.05 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.59 1.43 -39.72	47.49 1.93 -13.46	37.75 2.78 -0.35	39.46 3.00 0.00	38.05 3.01 -1.00	47.05 3.78 -1.57	47.82 4.14 -0.97	54.12 4.46 -2.10	51.46 4.36 0.00	49.28 4.24 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.33 2.43 0.00	33.97 2.08 -1.54
GOWANUS_GT3_7 24128	57.89 3.33 0.01	53.33 2.50 0.01	47.93 2.31 0.01	49.00 2.36 0.00	55.11 2.05 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.59 1.43 -39.72	47.49 1.93 -13.46	37.75 2.78 -0.35	39.46 3.00 0.00	38.05 3.01 -1.00	47.05 3.78 -1.57	47.82 4.14 -0.97	54.12 4.46 -2.10	51.46 4.36 0.00	49.28 4.24 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.33 2.43 0.00	33.97 2.08 -1.54
GOWANUS_GT3_8 24129	57.89 3.33 0.01	53.33 2.50 0.01	47.93 2.31 0.01	49.00 2.36 0.00	55.11 2.05 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.59 1.43 -39.72	47.49 1.93 -13.46	37.75 2.78 -0.35	39.46 3.00 0.00	38.05 3.01 -1.00	47.05 3.78 -1.57	47.82 4.14 -0.97	54.12 4.46 -2.10	51.46 4.36 0.00	49.28 4.24 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.33 2.43 0.00	33.97 2.08 -1.54
GOWANUS_GT4_1 24130	57.93 3.35 0.00	53.36 2.53 0.00	47.93 2.31 0.00	49.01 2.36 0.00	55.11 2.04 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.58 1.42 -39.73	47.50 1.93 -13.46	37.75 2.78 -0.35	39.46 3.01 0.00	38.05 3.01 -1.00	47.06 3.78 -1.57	47.81 4.13 -0.97	54.12 4.46 -2.10	51.46 4.37 0.00	49.28 4.25 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.32 2.42 0.00	33.98 2.08 -1.54
GOWANUS_GT4_2 24131	57.93 3.35 0.00	53.36 2.53 0.00	47.93 2.31 0.00	49.01 2.36 0.00	55.11 2.04 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.58 1.42 -39.73	47.50 1.93 -13.46	37.75 2.78 -0.35	39.46 3.01 0.00	38.05 3.01 -1.00	47.06 3.78 -1.57	47.81 4.13 -0.97	54.12 4.46 -2.10	51.46 4.37 0.00	49.28 4.25 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.32 2.42 0.00	33.98 2.08 -1.54
GOWANUS_GT4_3 24132	57.93 3.35 0.00	53.36 2.53 0.00	47.93 2.31 0.00	49.01 2.36 0.00	55.11 2.04 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.58 1.42 -39.73	47.50 1.93 -13.46	37.75 2.78 -0.35	39.46 3.01 0.00	38.05 3.01 -1.00	47.06 3.78 -1.57	47.81 4.13 -0.97	54.12 4.46 -2.10	51.46 4.37 0.00	49.28 4.25 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.32 2.42 0.00	33.98 2.08 -1.54
GOWANUS_GT4_4 24133	57.93 3.35 0.00	53.36 2.53 0.00	47.93 2.31 0.00	49.01 2.36 0.00	55.11 2.04 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.58 1.42 -39.73	47.50 1.93 -13.46	37.75 2.78 -0.35	39.46 3.01 0.00	38.05 3.01 -1.00	47.06 3.78 -1.57	47.81 4.13 -0.97	54.12 4.46 -2.10	51.46 4.37 0.00	49.28 4.25 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.32 2.42 0.00	33.98 2.08 -1.54

GOWANUS_GT4_5 24134	57.93 3.35 0.00	53.36 2.53 0.00	47.93 2.31 0.00	49.01 2.36 0.00	55.11 2.04 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.58 1.42 -39.73	47.50 1.93 -13.46	37.75 2.78 -0.35	39.46 3.01 0.00	38.05 3.01 -1.00	47.06 3.78 -1.57	47.81 4.13 -0.97	54.12 4.46 -2.10	51.46 4.37 0.00	49.28 4.25 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.32 2.42 0.00	33.98 2.08 -1.54
GOWANUS_GT4_6 24135	57.93 3.35 0.00	53.36 2.53 0.00	47.93 2.31 0.00	49.01 2.36 0.00	55.11 2.04 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.58 1.42 -39.73	47.50 1.93 -13.46	37.75 2.78 -0.35	39.46 3.01 0.00	38.05 3.01 -1.00	47.06 3.78 -1.57	47.81 4.13 -0.97	54.12 4.46 -2.10	51.46 4.37 0.00	49.28 4.25 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.32 2.42 0.00	33.98 2.08 -1.54
GOWANUS_GT4_7 24136	57.93 3.35 0.00	53.36 2.53 0.00	47.93 2.31 0.00	49.01 2.36 0.00	55.11 2.04 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.58 1.42 -39.73	47.50 1.93 -13.46	37.75 2.78 -0.35	39.46 3.01 0.00	38.05 3.01 -1.00	47.06 3.78 -1.57	47.81 4.13 -0.97	54.12 4.46 -2.10	51.46 4.37 0.00	49.28 4.25 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.32 2.42 0.00	33.98 2.08 -1.54
GOWANUS_GT4_8 24137	57.93 3.35 0.00	53.36 2.53 0.00	47.93 2.31 0.00	49.01 2.36 0.00	55.11 2.04 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.58 1.42 -39.73	47.50 1.93 -13.46	37.75 2.78 -0.35	39.46 3.01 0.00	38.05 3.01 -1.00	47.06 3.78 -1.57	47.81 4.13 -0.97	54.12 4.46 -2.10	51.46 4.37 0.00	49.28 4.25 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.32 2.42 0.00	33.98 2.08 -1.54
GREATVRV_69_KV_BK1 356245	60.02 5.45 0.00	55.05 4.21 0.00	49.19 3.57 0.01	50.03 3.39 0.00	56.21 3.15 0.00	55.17 2.83 0.00	54.31 2.58 0.00	49.58 2.75 0.00	67.95 1.94 -39.58	50.61 2.70 -15.80	43.96 3.94 -5.40	40.58 4.12 0.00	64.42 3.92 -26.47	66.33 5.22 -19.41	50.43 5.35 -2.38	55.41 5.73 -2.12	51.98 4.88 0.00	49.83 4.79 0.00	56.51 5.39 0.00	58.48 4.36 0.00	53.88 3.72 0.00	55.90 3.48 0.00	42.22 3.32 0.00	34.51 2.62 -1.54
GREENBSH_115KV_TB3 55895	55.75 1.18 0.00	51.92 1.08 0.00	46.79 1.18 0.00	47.95 1.31 0.00	54.46 1.39 0.00	53.62 1.28 0.00	52.73 1.00 0.00	47.60 0.77 0.00	26.91 0.48 0.00	32.79 0.68 0.00	35.08 0.46 0.00	36.68 0.22 0.00	34.10 0.07 0.00	41.64 0.02 0.08	42.76 0.11 0.05	47.45 0.00 0.11	47.10 0.00 0.00	45.28 0.24 0.00	51.39 0.27 0.00	54.06 -0.06 0.00	50.26 0.10 0.00	52.32 -0.09 0.00	39.03 0.13 0.00	30.79 0.44 0.00
GREENDGE_115KV_TB5 80291	53.88 -0.69 0.00	50.15 -0.70 -0.02	45.27 -0.35 0.00	46.18 -0.47 0.00	52.41 -0.66 0.00	52.05 -0.30 0.00	51.16 -0.57 0.00	46.08 -0.74 0.00	25.93 -0.50 0.00	31.54 -0.57 0.00	34.01 -0.61 0.00	35.92 -0.54 0.00	33.58 -0.45 0.00	41.21 -0.49 0.00	42.07 -0.63 0.00	47.04 -0.52 0.00	46.90 -0.19 0.00	45.01 -0.02 0.00	51.27 0.14 0.00	54.05 -0.07 0.00	50.16 -0.01 0.00	51.76 -0.66 0.00	38.42 -0.48 0.00	29.98 -0.37 0.00
GREENIDGE___3 23582	53.88 -0.69 0.00	50.15 -0.70 -0.02	45.27 -0.35 0.00	46.18 -0.47 0.00	52.41 -0.66 0.00	52.05 -0.30 0.00	51.16 -0.57 0.00	46.08 -0.74 0.00	25.93 -0.50 0.00	31.54 -0.57 0.00	34.01 -0.61 0.00	35.92 -0.54 0.00	33.58 -0.45 0.00	41.21 -0.49 0.00	42.07 -0.63 0.00	47.04 -0.52 0.00	46.90 -0.19 0.00	45.01 -0.02 0.00	51.27 0.14 0.00	54.05 -0.07 0.00	50.16 -0.01 0.00	51.76 -0.66 0.00	38.42 -0.48 0.00	29.98 -0.37 0.00
GREENIDGE___4 23583	53.89 -0.68 0.00	50.15 -0.70 -0.02	45.26 -0.36 0.00	46.18 -0.46 0.00	52.41 -0.66 0.00	52.04 -0.30 0.00	51.16 -0.57 0.00	46.08 -0.75 0.00	25.93 -0.50 0.00	31.54 -0.57 0.00	34.01 -0.61 0.00	35.92 -0.54 0.00	33.58 -0.45 0.00	41.22 -0.48 0.00	42.07 -0.64 0.00	47.04 -0.52 0.00	46.91 -0.19 0.00	45.01 -0.02 0.00	51.27 0.14 0.00	54.05 -0.06 0.00	50.18 0.01 0.00	51.77 -0.64 0.00	38.42 -0.48 0.00	29.98 -0.37 0.00
GREENLWN_69_KV_BK 3 55738	58.28 3.71 0.00	53.62 2.79 0.00	48.03 2.41 0.01	48.90 2.25 0.00	54.99 1.92 0.00	54.00 1.65 0.00	53.11 1.37 0.00	48.46 1.63 0.00	67.32 1.31 -39.58	49.82 1.91 -15.80	43.05 3.03 -5.40	39.64 3.18 0.00	63.58 3.09 -26.47	65.24 4.13 -19.41	49.40 4.31 -2.38	54.22 4.54 -2.12	50.51 3.41 0.00	48.25 3.22 0.00	54.62 3.50 0.00	56.54 2.42 0.00	52.27 2.10 0.00	54.35 1.94 0.00	41.19 2.29 0.00	33.87 1.98 -1.54
GREENWD_138_KV_38B11_REV_LBMP_J 345004	57.93 3.35 0.00	53.36 2.53 0.00	47.93 2.31 0.00	49.01 2.36 0.00	55.11 2.04 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.58 1.42 -39.73	47.50 1.93 -13.46	37.75 2.78 -0.35	39.46 3.01 0.00	38.05 3.01 -1.00	47.06 3.78 -1.57	47.81 4.13 -0.97	54.12 4.46 -2.10	51.46 4.37 0.00	49.28 4.25 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.32 2.42 0.00	33.98 2.08 -1.54
GRISSOM___SOLAR 323813	57.73 3.16 0.00	53.72 2.89 0.00	48.15 2.53 0.00	49.21 2.56 0.00	56.02 2.95 0.00	55.27 2.93 0.00	54.49 2.76 0.00	48.74 1.91 0.00	27.23 0.80 0.00	33.16 1.05 0.00	35.54 0.92 0.00	37.21 0.75 0.00	34.50 0.46 0.00	42.33 0.69 0.06	43.23 0.55 0.04	47.70 0.21 0.08	47.32 0.23 0.00	45.53 0.49 0.00	52.46 1.34 0.00	56.76 2.64 0.00	53.22 3.05 0.00	55.54 3.13 0.00	41.15 2.25 0.00	31.99 1.64 0.00
GROVEVILLE___HYD 323602	58.44 3.87 0.00	53.96 3.12 0.00	48.42 2.80 0.00	49.47 2.82 0.00	55.91 2.84 0.00	54.96 2.62 0.00	54.08 2.35 0.00	49.04 2.21 0.00	27.92 1.49 0.00	34.06 1.95 0.00	37.06 2.45 0.00	39.06 2.60 0.00	36.50 2.47 0.00	44.81 3.16 0.05	46.11 3.43 0.03	51.29 3.80 0.07	50.91 3.82 0.00	48.93 3.89 0.00	55.26 4.14 0.00	57.73 3.62 0.00	53.34 3.18 0.00	55.26 2.84 0.00	41.12 2.22 0.00	32.14 1.79 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	54.23 -0.35 0.00	50.48 -0.40 -0.05	45.11 -0.51 0.00	45.93 -0.72 0.00	52.21 -0.86 0.00	51.56 -0.78 0.00	50.90 -0.83 0.00	46.15 -0.68 0.00	25.97 -0.46 0.00	31.60 -0.51 0.00	34.14 -0.48 0.00	35.88 -0.57 0.00	33.42 -0.61 0.00	41.21 -0.49 0.00	42.25 -0.46 0.00	47.15 -0.41 0.00	46.84 -0.25 0.00	44.92 -0.12 0.00	51.04 -0.08 0.00	53.91 -0.21 0.00	49.91 -0.26 0.00	51.89 -0.53 0.00	38.43 -0.47 0.00	29.98 -0.37 0.00
HAMLTNNY_34_KV_TB 80303	54.28 -0.30 0.00	50.55 -0.34 -0.05	45.30 -0.32 0.00	46.18 -0.47 0.00	52.53 -0.54 0.00	51.94 -0.41 0.00	51.23 -0.51 0.00	46.21 -0.62 0.00	26.00 -0.43 0.00	31.58 -0.53 0.00	34.08 -0.54 0.00	35.92 -0.54 0.00	33.51 -0.52 0.00	41.16 -0.54 0.00	42.15 -0.55 0.00	47.07 -0.49 0.00	46.84 -0.25 0.00	44.92 -0.12 0.00	51.03 -0.09 0.00	53.90 -0.22 0.00	49.93 -0.24 0.00	51.84 -0.58 0.00	38.35 -0.55 0.00	29.92 -0.43 0.00

HAMPSHIRE___PAPER_HYD 323593	54.66 0.09 0.00	51.32 0.46 -0.02	45.88 0.26 0.00	46.94 0.29 0.00	53.93 0.87 0.00	53.27 0.92 0.00	52.90 1.17 0.00	47.86 1.03 0.00	26.79 0.36 0.00	32.32 0.20 0.00	34.50 -0.12 0.00	36.38 -0.08 0.00	34.04 0.01 0.00	41.50 -0.20 0.00	42.27 -0.44 0.00	46.82 -0.74 0.00	46.48 -0.62 0.00	44.48 -0.56 0.00	50.81 -0.31 0.00	54.60 0.48 0.00	51.17 1.00 0.00	54.24 1.82 0.00	40.37 1.47 0.00	31.30 0.95 0.00
HARDSCRABBLE_WT_PWR 323673	55.75 1.17 0.00	51.57 0.74 0.00	46.34 0.73 0.00	47.53 0.89 0.00	54.08 1.01 0.00	53.30 0.95 0.00	52.49 0.76 0.00	47.10 0.27 0.00	26.53 0.10 0.00	32.37 0.26 0.00	34.78 0.16 0.00	36.27 -0.18 0.00	33.74 -0.30 0.00	41.28 -0.42 0.00	42.40 -0.30 0.00	46.93 -0.63 0.00	46.49 -0.61 0.00	44.98 -0.05 0.00	51.56 0.44 0.00	54.77 0.65 0.00	51.09 0.92 0.00	53.12 0.70 0.00	39.41 0.50 0.00	30.90 0.55 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	58.02 3.45 0.00	53.50 2.67 0.00	48.00 2.38 0.00	49.04 2.40 0.00	55.37 2.31 0.00	54.44 2.09 0.00	53.54 1.81 0.00	48.60 1.77 0.00	-14.19 1.28 41.90	19.64 1.72 14.19	36.58 2.32 0.37	39.02 2.56 0.00	35.44 2.47 1.06	45.62 3.19 -0.74	46.57 3.40 -0.45	52.34 3.79 -0.99	50.91 3.81 0.00	48.88 3.85 0.00	55.16 4.03 0.00	57.61 3.49 0.00	53.18 3.02 0.00	55.03 2.61 0.00	40.91 2.00 0.00	30.37 1.65 1.63
HARSNRAD_115KV_TB1 81005	51.55 -3.02 0.00	48.19 -2.65 0.00	43.19 -2.43 0.00	43.82 -2.82 0.00	50.18 -2.89 0.00	49.79 -2.56 0.00	48.67 -3.06 0.00	43.21 -3.62 0.00	24.23 -2.20 0.00	29.67 -2.44 0.00	32.06 -2.56 0.00	34.21 -2.25 0.00	31.99 -2.04 0.00	38.94 -2.76 0.00	39.59 -3.12 0.00	44.48 -3.08 0.00	44.56 -2.54 0.00	42.28 -2.76 0.00	47.82 -3.31 0.00	50.17 -3.94 0.00	46.28 -3.89 0.00	47.59 -4.83 0.00	35.15 -3.73 0.02	27.59 -2.76 0.00
HARZA MOOSE___RIVER 24016	55.68 1.10 0.00	52.11 1.27 -0.02	46.46 0.84 0.00	47.57 0.93 0.00	54.48 1.41 0.00	53.77 1.42 0.00	53.14 1.41 0.00	48.05 1.22 0.00	26.98 0.55 0.00	32.62 0.51 0.00	34.98 0.36 0.00	36.81 0.35 0.00	34.41 0.38 0.00	42.12 0.42 0.00	43.08 0.37 0.00	47.89 0.33 0.00	47.58 0.48 0.00	45.73 0.70 0.00	52.26 1.13 0.00	55.78 1.67 0.00	52.03 1.86 0.00	54.56 2.14 0.00	40.44 1.53 0.00	31.42 1.07 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	53.79 -0.78 0.00	50.05 -0.81 -0.03	44.87 -0.75 0.00	45.79 -0.85 0.00	52.14 -0.93 0.00	51.45 -0.90 0.00	50.71 -1.02 0.00	45.81 -1.02 0.00	25.84 -0.59 0.00	31.44 -0.66 0.00	33.95 -0.67 0.00	35.77 -0.69 0.00	33.37 -0.66 0.00	40.97 -0.73 0.00	41.96 -0.75 0.00	46.82 -0.74 0.00	46.50 -0.60 0.00	44.57 -0.47 0.00	50.62 -0.50 0.00	53.45 -0.66 0.00	49.47 -0.70 0.00	51.42 -1.00 0.00	38.08 -0.82 0.00	29.72 -0.63 0.00
HELLGATE_13_KV_LD 55870	56.58 3.61 1.60	53.31 2.79 0.31	48.23 2.61 0.00	49.25 2.60 0.00	55.42 2.35 0.00	54.43 2.09 0.00	53.65 1.92 0.00	48.97 2.14 0.00	67.73 1.57 -39.73	47.64 2.07 -13.46	37.91 2.94 -0.35	39.60 3.14 0.00	38.17 3.14 -1.00	47.20 3.93 -1.57	47.96 4.28 -0.97	54.30 4.64 -2.10	51.68 4.58 0.00	49.47 4.43 0.00	55.49 4.37 0.00	57.84 3.73 0.00	53.49 3.32 0.00	55.32 2.90 0.00	41.47 2.56 0.00	34.11 2.22 -1.54
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	56.58 3.61 1.60	53.31 2.79 0.31	48.23 2.61 0.00	49.25 2.60 0.00	55.42 2.35 0.00	54.43 2.09 0.00	53.65 1.92 0.00	48.97 2.14 0.00	67.73 1.57 -39.73	47.64 2.07 -13.46	37.91 2.94 -0.35	39.60 3.14 0.00	38.17 3.14 -1.00	47.20 3.93 -1.57	47.96 4.28 -0.97	54.30 4.64 -2.10	51.68 4.58 0.00	49.47 4.43 0.00	55.49 4.37 0.00	57.84 3.73 0.00	53.49 3.32 0.00	55.32 2.90 0.00	41.47 2.56 0.00	34.11 2.22 -1.54
HEMPSTEAD____ 23647	58.39 3.82 0.00	53.78 2.95 0.00	48.27 2.65 0.00	49.20 2.55 0.00	55.38 2.31 0.00	54.39 2.05 0.00	53.51 1.78 0.00	48.74 1.91 0.00	67.42 1.40 -39.58	49.90 1.99 -15.80	42.95 2.92 -5.40	39.59 3.13 0.00	63.68 3.05 -26.61	65.00 3.89 -19.41	49.21 4.12 -2.38	54.08 4.41 -2.12	50.95 3.85 0.00	48.90 3.86 0.00	55.19 4.07 0.00	57.28 3.16 0.00	52.91 2.74 0.00	54.92 2.50 0.00	41.29 2.39 0.00	33.89 2.00 -1.54
HICKLING___1 23621	53.64 -0.93 0.00	49.90 -0.95 -0.02	44.95 -0.67 0.00	45.96 -0.68 0.00	52.49 -0.58 0.00	51.76 -0.58 0.00	50.95 -0.78 0.00	45.68 -1.15 0.00	25.87 -0.57 0.00	31.51 -0.60 0.00	34.25 -0.37 0.00	36.29 -0.17 0.00	33.96 -0.08 0.00	41.76 0.06 0.00	42.63 -0.08 0.00	47.68 0.12 0.00	47.41 0.32 0.00	45.43 0.40 0.00	51.52 0.40 0.00	54.25 0.14 0.00	49.98 -0.19 0.00	51.64 -0.78 0.00	38.22 -0.68 0.01	29.91 -0.44 0.00
HICKLING___2 23622	53.64 -0.93 0.00	49.90 -0.95 -0.02	44.95 -0.67 0.00	45.96 -0.68 0.00	52.49 -0.58 0.00	51.76 -0.58 0.00	50.95 -0.78 0.00	45.68 -1.15 0.00	25.87 -0.57 0.00	31.51 -0.60 0.00	34.25 -0.37 0.00	36.29 -0.17 0.00	33.96 -0.08 0.00	41.76 0.06 0.00	42.63 -0.08 0.00	47.68 0.12 0.00	47.41 0.32 0.00	45.43 0.40 0.00	51.52 0.40 0.00	54.25 0.14 0.00	49.98 -0.19 0.00	51.64 -0.78 0.00	38.22 -0.68 0.01	29.91 -0.44 0.00
HIGH FALLS___HY 23754	58.42 3.85 0.00	53.73 2.90 0.00	48.14 2.52 0.00	49.15 2.51 0.00	55.54 2.47 0.00	54.58 2.24 0.00	53.68 1.95 0.00	48.69 1.86 0.00	27.74 1.31 0.00	33.76 1.65 0.00	36.84 2.22 0.00	38.84 2.39 0.00	21.11 2.36 15.29	28.48 3.08 16.31	45.43 3.40 0.69	51.56 3.93 -0.07	51.01 3.91 0.00	49.15 4.12 0.00	55.65 4.53 0.00	58.21 4.10 0.00	53.69 3.53 0.00	55.51 3.10 0.00	41.22 2.32 0.00	32.15 1.80 0.00
HIGH_RIVER___SOLAR 323847	56.95 2.37 0.00	52.89 2.06 0.00	47.48 1.86 0.00	48.56 1.91 0.00	55.25 2.18 0.00	54.47 2.12 0.00	53.62 1.88 0.00	48.14 1.31 0.00	27.05 0.61 0.00	32.80 0.69 0.00	35.32 0.70 0.00	36.83 0.37 0.00	34.30 0.27 0.00	41.93 0.30 0.07	42.95 0.28 0.04	47.72 0.25 0.09	47.41 0.31 0.00	45.74 0.70 0.00	52.44 1.32 0.00	55.96 1.85 0.00	52.21 2.04 0.00	54.44 2.02 0.00	40.38 1.48 0.00	31.48 1.13 0.00
HILLBURN___GT 23639	57.74 3.17 0.00	53.23 2.39 0.00	47.77 2.15 0.00	48.84 2.19 0.00	55.07 2.01 0.00	54.12 1.78 0.00	53.22 1.49 0.00	48.37 1.54 0.00	-20.82 1.18 48.43	17.31 1.60 16.40	36.47 2.28 0.43	38.99 2.54 0.00	35.27 2.46 1.22	45.74 3.17 -0.86	46.62 3.38 -0.53	52.43 3.72 -1.15	50.80 3.71 0.00	48.75 3.72 0.00	54.93 3.80 0.00	57.29 3.17 0.00	52.91 2.74 0.00	54.75 2.33 0.00	40.76 1.85 0.00	30.03 1.56 1.88
HILLSIDE_115KV_TB1 80332	53.11 -1.46 0.00	49.38 -1.47 -0.02	44.47 -1.15 0.00	45.52 -1.12 0.00	51.93 -1.13 0.00	51.17 -1.18 0.00	50.35 -1.38 0.00	45.23 -1.60 0.00	25.66 -0.77 0.00	31.23 -0.88 0.00	34.01 -0.61 0.00	36.02 -0.44 0.00	33.72 -0.31 0.00	41.47 -0.23 0.00	42.37 -0.34 0.00	47.36 -0.20 0.00	47.01 -0.08 0.00	45.03 -0.01 0.00	50.99 -0.13 0.00	53.56 -0.55 0.00	49.32 -0.84 0.00	51.03 -1.39 0.00	37.83 -1.06 0.01	29.63 -0.72 0.00

HISHELDN_WT_PWR 323625	51.98 -2.60 0.00	48.59 -2.25 0.00	43.72 -1.90 0.00	44.50 -2.14 0.00	50.97 -2.10 0.00	50.47 -1.87 0.00	49.47 -2.26 0.00	43.98 -2.85 0.00	24.64 -1.79 0.00	30.17 -1.94 0.00	32.69 -1.93 0.00	34.79 -1.67 0.00	32.55 -1.48 0.00	39.82 -1.88 0.00	40.52 -2.19 0.00	45.50 -2.06 0.00	45.54 -1.56 0.00	43.36 -1.68 0.00	49.10 -2.03 0.00	51.73 -2.39 0.00	47.75 -2.42 0.00	49.15 -3.26 0.00	36.28 -2.61 0.02	28.44 -1.91 0.00
HOLTSVILLE_IC_1 23690	58.61 4.04 0.00	53.81 2.98 0.00	48.15 2.53 0.01	48.99 2.34 0.00	55.07 2.00 0.00	54.06 1.71 0.00	53.20 1.47 0.00	48.58 1.75 0.00	67.35 1.34 -39.58	49.88 1.97 -15.80	43.17 3.14 -5.40	39.73 3.28 0.00	63.59 3.10 -26.46	65.33 4.22 -19.41	49.44 4.35 -2.38	54.24 4.57 -2.12	50.74 3.64 0.00	48.60 3.56 0.00	55.14 4.01 0.00	57.10 2.99 0.00	52.66 2.49 0.00	54.66 2.25 0.00	41.39 2.49 0.00	33.91 2.02 -1.54
HOLTSVILLE_IC_10 23699	59.08 4.51 0.00	54.20 3.36 0.00	48.46 2.85 0.01	49.27 2.63 0.00	55.38 2.31 0.00	54.36 2.02 0.00	53.50 1.76 0.00	48.87 2.04 0.00	67.52 1.51 -39.58	50.10 2.19 -15.80	43.44 3.42 -5.40	40.03 3.57 0.00	63.85 3.36 -26.46	65.70 4.59 -19.41	49.76 4.68 -2.38	54.61 4.93 -2.12	51.14 4.05 0.00	48.97 3.94 0.00	55.61 4.49 0.00	57.60 3.49 0.00	53.07 2.90 0.00	55.05 2.63 0.00	41.64 2.74 0.00	34.07 2.19 -1.54
HOLTSVILLE_IC_2 23691	58.61 4.04 0.00	53.81 2.98 0.00	48.15 2.53 0.01	48.99 2.34 0.00	55.07 2.00 0.00	54.06 1.71 0.00	53.20 1.47 0.00	48.58 1.75 0.00	67.35 1.34 -39.58	49.88 1.97 -15.80	43.17 3.14 -5.40	39.73 3.28 0.00	63.59 3.10 -26.46	65.33 4.22 -19.41	49.44 4.35 -2.38	54.24 4.57 -2.12	50.74 3.64 0.00	48.60 3.56 0.00	55.14 4.01 0.00	57.10 2.99 0.00	52.66 2.49 0.00	54.66 2.25 0.00	41.39 2.49 0.00	33.91 2.02 -1.54
HOLTSVILLE_IC_3 23692	58.61 4.04 0.00	53.81 2.98 0.00	48.15 2.53 0.01	48.99 2.34 0.00	55.07 2.00 0.00	54.06 1.71 0.00	53.20 1.47 0.00	48.58 1.75 0.00	67.35 1.34 -39.58	49.88 1.97 -15.80	43.17 3.14 -5.40	39.73 3.28 0.00	63.59 3.10 -26.46	65.33 4.22 -19.41	49.44 4.35 -2.38	54.24 4.57 -2.12	50.74 3.64 0.00	48.60 3.56 0.00	55.14 4.01 0.00	57.10 2.99 0.00	52.66 2.49 0.00	54.66 2.25 0.00	41.39 2.49 0.00	33.91 2.02 -1.54
HOLTSVILLE_IC_4 23693	58.61 4.04 0.00	53.81 2.98 0.00	48.15 2.53 0.01	48.99 2.34 0.00	55.07 2.00 0.00	54.06 1.71 0.00	53.20 1.47 0.00	48.58 1.75 0.00	67.35 1.34 -39.58	49.88 1.97 -15.80	43.17 3.14 -5.40	39.73 3.28 0.00	63.59 3.10 -26.46	65.33 4.22 -19.41	49.44 4.35 -2.38	54.24 4.57 -2.12	50.74 3.64 0.00	48.60 3.56 0.00	55.14 4.01 0.00	57.10 2.99 0.00	52.66 2.49 0.00	54.66 2.25 0.00	41.39 2.49 0.00	33.91 2.02 -1.54
HOLTSVILLE_IC_5 23694	58.61 4.04 0.00	53.81 2.98 0.00	48.15 2.53 0.01	48.99 2.34 0.00	55.07 2.00 0.00	54.06 1.71 0.00	53.20 1.47 0.00	48.58 1.75 0.00	67.35 1.34 -39.58	49.88 1.97 -15.80	43.17 3.14 -5.40	39.73 3.28 0.00	63.59 3.10 -26.46	65.33 4.22 -19.41	49.44 4.35 -2.38	54.24 4.57 -2.12	50.74 3.64 0.00	48.60 3.56 0.00	55.14 4.01 0.00	57.10 2.99 0.00	52.66 2.49 0.00	54.66 2.25 0.00	41.39 2.49 0.00	33.91 2.02 -1.54
HOLTSVILLE_IC_6 23695	59.08 4.51 0.00	54.20 3.36 0.00	48.46 2.85 0.01	49.27 2.63 0.00	55.38 2.31 0.00	54.36 2.02 0.00	53.50 1.76 0.00	48.87 2.04 0.00	67.52 1.51 -39.58	50.10 2.19 -15.80	43.44 3.42 -5.40	40.03 3.57 0.00	63.85 3.36 -26.46	65.70 4.59 -19.41	49.76 4.68 -2.38	54.61 4.93 -2.12	51.14 4.05 0.00	48.97 3.94 0.00	55.61 4.49 0.00	57.60 3.49 0.00	53.07 2.90 0.00	55.05 2.63 0.00	41.64 2.74 0.00	34.07 2.19 -1.54
HOLTSVILLE_IC_7 23696	59.08 4.51 0.00	54.20 3.36 0.00	48.46 2.85 0.01	49.27 2.63 0.00	55.38 2.31 0.00	54.36 2.02 0.00	53.50 1.76 0.00	48.87 2.04 0.00	67.52 1.51 -39.58	50.10 2.19 -15.80	43.44 3.42 -5.40	40.03 3.57 0.00	63.85 3.36 -26.46	65.70 4.59 -19.41	49.76 4.68 -2.38	54.61 4.93 -2.12	51.14 4.05 0.00	48.97 3.94 0.00	55.61 4.49 0.00	57.60 3.49 0.00	53.07 2.90 0.00	55.05 2.63 0.00	41.64 2.74 0.00	34.07 2.19 -1.54
HOLTSVILLE_IC_8 23697	59.08 4.51 0.00	54.20 3.36 0.00	48.46 2.85 0.01	49.27 2.63 0.00	55.38 2.31 0.00	54.36 2.02 0.00	53.50 1.76 0.00	48.87 2.04 0.00	67.52 1.51 -39.58	50.10 2.19 -15.80	43.44 3.42 -5.40	40.03 3.57 0.00	63.85 3.36 -26.46	65.70 4.59 -19.41	49.76 4.68 -2.38	54.61 4.93 -2.12	51.14 4.05 0.00	48.97 3.94 0.00	55.61 4.49 0.00	57.60 3.49 0.00	53.07 2.90 0.00	55.05 2.63 0.00	41.64 2.74 0.00	34.07 2.19 -1.54
HOLTSVILLE_IC_9 23698	59.08 4.51 0.00	54.20 3.36 0.00	48.46 2.85 0.01	49.27 2.63 0.00	55.38 2.31 0.00	54.36 2.02 0.00	53.50 1.76 0.00	48.87 2.04 0.00	67.52 1.51 -39.58	50.10 2.19 -15.80	43.44 3.42 -5.40	40.03 3.57 0.00	63.85 3.36 -26.46	65.70 4.59 -19.41	49.76 4.68 -2.38	54.61 4.93 -2.12	51.14 4.05 0.00	48.97 3.94 0.00	55.61 4.49 0.00	57.60 3.49 0.00	53.07 2.90 0.00	55.05 2.63 0.00	41.64 2.74 0.00	34.07 2.19 -1.54
HOMER_HL_115KV_TB2 355744	52.67 -1.90 0.00	49.18 -1.66 0.00	44.21 -1.41 0.00	45.12 -1.53 0.00	51.57 -1.50 0.00	50.93 -1.41 0.00	49.97 -1.76 0.00	44.74 -2.09 0.00	25.37 -1.06 0.00	31.04 -1.07 0.00	33.79 -0.83 0.00	35.89 -0.57 0.00	33.57 -0.46 0.00	41.06 -0.65 0.00	41.84 -0.87 0.00	46.78 -0.78 0.00	46.66 -0.44 0.00	44.48 -0.55 0.00	50.18 -0.95 0.00	52.63 -1.49 0.00	48.44 -1.73 0.00	49.93 -2.49 0.00	36.93 -1.96 0.02	29.04 -1.31 0.00
HOWARD_WT_PWR 323690	52.27 -2.30 0.00	48.88 -1.97 -0.01	44.30 -1.32 0.00	45.17 -1.48 0.00	51.72 -1.35 0.00	51.46 -0.88 0.00	50.71 -1.02 0.00	45.27 -1.56 0.00	25.46 -0.97 0.00	31.02 -1.10 0.00	33.60 -1.03 0.00	35.71 -0.75 0.00	33.42 -0.62 0.00	41.00 -0.70 0.00	41.76 -0.95 0.00	46.79 -0.77 0.00	46.74 -0.36 0.00	44.72 -0.31 0.00	50.83 -0.29 0.00	53.86 -0.26 0.00	49.88 -0.29 0.00	51.43 -0.99 0.00	37.97 -0.93 0.01	29.72 -0.63 0.00
HQ_GEN_CEDARS 23644	54.34 -0.23 0.00	50.96 0.12 0.00	45.66 0.04 0.00	46.59 -0.05 0.00	53.20 0.13 0.00	52.61 0.26 0.00	52.39 0.66 0.00	47.60 0.77 0.00	26.71 0.28 0.00	32.31 0.19 0.00	34.66 0.04 0.00	36.62 0.16 0.00	34.24 0.21 0.00	41.82 0.12 0.00	42.65 -0.06 0.00	47.32 -0.24 0.00	46.87 -0.23 0.00	44.59 -0.45 0.00	50.70 -0.43 0.00	54.19 0.07 0.00	50.41 0.25 0.00	53.42 1.00 0.00	39.78 0.87 0.00	30.78 0.43 0.00
HQ_GEN_CEDARS_PROXY 323590	54.35 -0.23 0.00	50.96 0.12 0.00	45.66 0.04 0.00	46.60 -0.05 0.00	53.20 0.14 0.00	52.61 0.26 0.00	52.39 0.66 0.00	47.60 0.78 0.00	26.71 0.28 0.00	32.31 0.20 0.00	34.66 0.04 0.00	36.62 0.16 0.00	34.24 0.21 0.00	41.82 0.12 0.00	42.65 -0.06 0.00	47.32 -0.24 0.00	46.87 -0.22 0.00	44.59 -0.45 0.00	50.70 -0.43 0.00	54.19 0.07 0.00	50.41 0.25 0.00	65.87 1.00 -12.45	35.83 0.87 3.95	32.76 0.43 -1.99

HQ_GEN_IMPORT 323601	54.16 -0.41 0.00	50.65 -0.19 0.00	45.38 -0.24 0.00	46.36 -0.29 0.00	52.79 -0.28 0.00	52.15 -0.19 0.00	51.85 0.12 0.00	47.10 0.27 0.00	26.51 0.08 0.00	32.11 0.00 0.00	34.56 -0.06 0.00	36.47 0.01 0.00	33.95 0.04 0.13	41.70 0.00 0.00	42.64 -0.07 0.00	47.47 -0.09 0.00	46.95 -0.15 0.00	44.68 -0.35 0.00	50.01 -0.38 0.74	54.08 -0.04 0.00	50.14 -0.03 0.00	56.49 0.33 -3.74	36.21 0.23 2.92	30.42 0.07 0.00
HQ_GEN_WHEEL 23651	54.16 -0.41 0.00	50.65 -0.19 0.00	45.38 -0.24 0.00	46.36 -0.29 0.00	52.79 -0.28 0.00	52.15 -0.19 0.00	51.85 0.12 0.00	47.10 0.27 0.00	26.51 0.08 0.00	32.11 0.00 0.00	34.56 -0.06 0.00	36.47 0.01 0.00	33.95 0.04 0.13	41.70 0.00 0.00	42.64 -0.07 0.00	47.47 -0.09 0.00	46.95 -0.15 0.00	44.68 -0.35 0.00	50.01 -0.38 0.74	54.08 -0.04 0.00	50.14 -0.03 0.00	56.49 0.33 -3.74	36.21 0.23 2.92	30.42 0.07 0.00
HUDSON AVE_GT_3 23810	58.25 3.68 0.00	53.65 2.81 0.00	48.20 2.59 0.00	49.26 2.62 0.00	55.40 2.33 0.00	54.45 2.10 0.00	53.62 1.89 0.00	48.85 2.02 0.00	67.72 1.52 -39.77	47.58 1.99 -13.47	37.75 2.78 -0.35	39.54 3.08 0.00	38.03 2.99 -1.00	47.10 3.83 -1.57	47.75 4.07 -0.97	54.11 4.46 -2.10	51.48 4.38 0.00	49.34 4.30 0.00	55.43 4.31 0.00	57.69 3.58 0.00	53.34 3.17 0.00	55.19 2.77 0.00	41.31 2.41 0.00	33.93 2.04 -1.54
HUDSON AVE_GT_4 23540	58.25 3.68 0.00	53.65 2.81 0.00	48.20 2.59 0.00	49.26 2.62 0.00	55.40 2.33 0.00	54.45 2.10 0.00	53.62 1.89 0.00	48.85 2.02 0.00	67.72 1.52 -39.77	47.58 1.99 -13.47	37.75 2.78 -0.35	39.54 3.08 0.00	38.03 2.99 -1.00	47.10 3.83 -1.57	47.75 4.07 -0.97	54.11 4.46 -2.10	51.48 4.38 0.00	49.34 4.30 0.00	55.43 4.31 0.00	57.69 3.58 0.00	53.34 3.17 0.00	55.19 2.77 0.00	41.31 2.41 0.00	33.93 2.04 -1.54
HUDSON AVE_GT_5 23657	58.25 3.68 0.00	53.65 2.81 0.00	48.20 2.59 0.00	49.26 2.62 0.00	55.40 2.33 0.00	54.45 2.10 0.00	53.62 1.89 0.00	48.85 2.02 0.00	67.72 1.52 -39.77	47.58 1.99 -13.47	37.75 2.78 -0.35	39.54 3.08 0.00	38.03 2.99 -1.00	47.10 3.83 -1.57	47.75 4.07 -0.97	54.11 4.46 -2.10	51.48 4.38 0.00	49.34 4.30 0.00	55.43 4.31 0.00	57.69 3.58 0.00	53.34 3.17 0.00	55.19 2.77 0.00	41.31 2.41 0.00	33.93 2.04 -1.54
HUDSON_AVE_10 24168	58.13 3.56 0.00	53.51 2.68 0.00	48.08 2.46 0.00	49.13 2.49 0.00	55.23 2.16 0.00	54.31 1.97 0.00	53.49 1.75 0.00	48.72 1.89 0.00	67.64 1.43 -39.77	47.46 1.88 -13.47	37.63 2.65 -0.35	39.40 2.94 0.00	37.90 2.87 -1.00	46.94 3.67 -1.57	47.58 3.90 -0.97	53.92 4.27 -2.10	51.30 4.21 0.00	49.19 4.15 0.00	55.27 4.15 0.00	57.54 3.43 0.00	53.20 3.03 0.00	55.05 2.63 0.00	41.23 2.33 0.00	33.85 1.96 -1.54
HUDSON___115KV_TB 4 355613	56.93 2.36 0.00	52.98 2.15 0.00	47.71 2.09 0.00	48.88 2.24 0.00	55.50 2.43 0.00	54.68 2.33 0.00	53.75 2.02 0.00	48.41 1.58 0.00	27.27 0.83 0.00	33.25 1.14 0.00	35.37 0.75 0.00	36.90 0.44 0.00	-23.78 0.17 57.97	-20.23 0.18 62.11	40.12 0.18 2.78	47.58 0.11 0.09	47.34 0.24 0.00	45.61 0.58 0.00	52.02 0.90 0.00	55.07 0.96 0.00	51.30 1.14 0.00	53.38 0.97 0.00	39.72 0.82 0.00	31.20 0.86 0.00
HUNTER MOUNT___DRP 323613	57.18 2.61 0.00	53.26 2.43 0.00	47.98 2.36 0.00	49.17 2.52 0.00	55.87 2.81 0.00	55.06 2.71 0.00	54.13 2.40 0.00	48.75 1.92 0.00	27.45 1.02 0.00	33.44 1.33 0.00	35.53 0.91 0.00	36.92 0.46 0.00	-50.18 0.14 84.35	-48.47 0.17 90.34	38.81 0.12 4.02	47.54 0.06 0.07	47.39 0.29 0.00	45.72 0.69 0.00	52.23 1.10 0.00	55.29 1.17 0.00	51.49 1.32 0.00	53.59 1.17 0.00	39.83 0.92 0.00	31.26 0.91 0.00
HUNTINGTON_RES_REC 323705	58.75 4.18 0.00	53.96 3.12 0.00	48.27 2.66 0.01	49.11 2.46 0.00	55.19 2.12 0.00	54.18 1.84 0.00	53.31 1.58 0.00	48.67 1.84 0.00	67.43 1.41 -39.58	49.98 2.07 -15.80	43.30 3.28 -5.40	39.88 3.42 0.00	63.77 3.28 -26.46	65.57 4.45 -19.41	49.64 4.56 -2.38	54.51 4.83 -2.12	50.89 3.79 0.00	48.63 3.60 0.00	55.16 4.04 0.00	57.11 2.99 0.00	52.70 2.53 0.00	54.71 2.30 0.00	41.43 2.53 0.00	33.99 2.10 -1.54
HUNTLEY___63 23557	52.13 -2.44 0.00	48.73 -2.11 0.00	43.64 -1.98 0.00	44.29 -2.36 0.00	50.71 -2.35 0.00	50.30 -2.04 0.00	49.17 -2.56 0.00	43.71 -3.13 0.00	24.53 -1.90 0.00	30.05 -2.06 0.00	32.52 -2.10 0.00	34.65 -1.80 0.00	32.45 -1.59 0.00	39.51 -2.19 0.00	40.11 -2.60 0.00	45.04 -2.52 0.00	45.11 -1.99 0.00	42.83 -2.21 0.00	48.44 -2.68 0.00	50.79 -3.32 0.00	46.82 -3.34 0.00	48.23 -4.19 0.00	35.63 -3.25 0.02	27.95 -2.40 0.00
HUNTLEY___64 23558	52.13 -2.44 0.00	48.73 -2.11 0.00	43.64 -1.98 0.00	44.29 -2.36 0.00	50.71 -2.35 0.00	50.30 -2.04 0.00	49.17 -2.56 0.00	43.71 -3.13 0.00	24.53 -1.90 0.00	30.05 -2.06 0.00	32.52 -2.10 0.00	34.65 -1.80 0.00	32.45 -1.59 0.00	39.51 -2.19 0.00	40.11 -2.60 0.00	45.04 -2.52 0.00	45.11 -1.99 0.00	42.83 -2.21 0.00	48.44 -2.68 0.00	50.79 -3.32 0.00	46.82 -3.34 0.00	48.23 -4.19 0.00	35.63 -3.25 0.02	27.95 -2.40 0.00
HUNTLEY___65 23559	52.13 -2.44 0.00	48.73 -2.11 0.00	43.64 -1.98 0.00	44.29 -2.36 0.00	50.71 -2.35 0.00	50.30 -2.04 0.00	49.17 -2.56 0.00	43.71 -3.13 0.00	24.53 -1.90 0.00	30.05 -2.06 0.00	32.52 -2.10 0.00	34.65 -1.80 0.00	32.45 -1.59 0.00	39.51 -2.19 0.00	40.11 -2.60 0.00	45.04 -2.52 0.00	45.11 -1.99 0.00	42.83 -2.21 0.00	48.44 -2.68 0.00	50.79 -3.32 0.00	46.82 -3.34 0.00	48.23 -4.19 0.00	35.63 -3.25 0.02	27.95 -2.40 0.00
HUNTLEY___66 23560	52.13 -2.44 0.00	48.73 -2.11 0.00	43.64 -1.98 0.00	44.29 -2.36 0.00	50.71 -2.35 0.00	50.30 -2.04 0.00	49.17 -2.56 0.00	43.71 -3.13 0.00	24.53 -1.90 0.00	30.05 -2.06 0.00	32.52 -2.10 0.00	34.65 -1.80 0.00	32.45 -1.59 0.00	39.51 -2.19 0.00	40.11 -2.60 0.00	45.04 -2.52 0.00	45.11 -1.99 0.00	42.83 -2.21 0.00	48.44 -2.68 0.00	50.79 -3.32 0.00	46.82 -3.34 0.00	48.23 -4.19 0.00	35.63 -3.25 0.02	27.95 -2.40 0.00
HUNTLEY___67 23561	51.88 -2.69 0.00	48.47 -2.37 0.00	43.46 -2.16 0.00	44.14 -2.51 0.00	50.54 -2.53 0.00	50.11 -2.23 0.00	49.01 -2.72 0.00	43.57 -3.26 0.00	24.46 -1.97 0.00	29.96 -2.15 0.00	32.44 -2.18 0.00	34.55 -1.91 0.00	32.35 -1.68 0.00	39.43 -2.27 0.00	40.13 -2.58 0.00	45.12 -2.44 0.00	45.25 -1.85 0.00	42.97 -2.06 0.00	48.57 -2.56 0.00	50.91 -3.20 0.00	46.89 -3.28 0.00	48.21 -4.21 0.00	35.60 -3.28 0.02	27.93 -2.42 0.00
HUNTLEY___68 23562	51.88 -2.69 0.00	48.47 -2.37 0.00	43.46 -2.16 0.00	44.14 -2.51 0.00	50.54 -2.53 0.00	50.11 -2.23 0.00	49.01 -2.72 0.00	43.57 -3.26 0.00	24.46 -1.97 0.00	29.96 -2.15 0.00	32.44 -2.18 0.00	34.55 -1.91 0.00	32.35 -1.68 0.00	39.43 -2.27 0.00	40.13 -2.58 0.00	45.12 -2.44 0.00	45.25 -1.85 0.00	42.97 -2.06 0.00	48.57 -2.56 0.00	50.91 -3.20 0.00	46.89 -3.28 0.00	48.21 -4.21 0.00	35.60 -3.28 0.02	27.93 -2.42 0.00

HYLAND___LFGE 323620	54.54 -0.03 0.00	50.47 -0.37 0.00	45.27 -0.34 0.00	46.11 -0.54 0.00	52.73 -0.34 0.00	52.21 -0.13 0.00	51.55 -0.18 0.00	45.79 -1.05 0.00	25.24 -1.19 0.00	30.53 -1.59 0.00	33.02 -1.60 0.00	34.98 -1.48 0.00	32.68 -1.36 0.00	40.00 -1.70 0.00	40.76 -1.95 0.00	45.77 -1.79 0.00	45.77 -1.33 0.00	43.72 -1.31 0.00	49.69 -1.44 0.00	53.40 -0.72 0.00	50.24 0.07 0.00	52.14 -0.28 0.00	38.36 -0.53 0.01	30.55 0.20 0.00
INDECK___CORINTH 23802	57.61 3.04 0.00	53.26 2.42 0.00	47.79 2.17 0.00	48.93 2.29 0.00	55.58 2.52 0.00	54.70 2.36 0.00	53.84 2.11 0.00	48.54 1.72 0.00	27.32 0.89 0.00	33.16 1.05 0.00	35.41 0.79 0.00	37.05 0.59 0.00	34.37 0.34 0.00	41.90 0.28 0.07	43.12 0.45 0.05	48.08 0.62 0.10	47.92 0.83 0.00	46.39 1.36 0.00	53.32 2.19 0.00	56.31 2.20 0.00	52.66 2.49 0.00	54.84 2.42 0.00	40.56 1.65 0.00	31.69 1.34 0.00
INDECK___ILION 23567	55.45 0.87 0.00	51.43 0.59 0.00	46.20 0.59 0.00	47.33 0.69 0.00	53.84 0.77 0.00	53.05 0.71 0.00	52.27 0.54 0.00	47.06 0.23 0.00	26.55 0.11 0.00	32.34 0.23 0.00	34.80 0.17 0.00	36.44 -0.02 0.00	33.94 -0.09 0.00	41.56 -0.14 0.00	42.65 -0.06 0.00	47.33 -0.23 0.00	46.90 -0.20 0.00	45.17 0.13 0.00	51.53 0.41 0.00	54.58 0.47 0.00	50.77 0.60 0.00	52.88 0.47 0.00	39.23 0.33 0.00	30.71 0.36 0.00
INDECK___OLEAN 23982	52.68 -1.89 0.00	49.18 -1.66 0.00	44.21 -1.41 0.00	45.12 -1.53 0.00	51.58 -1.49 0.00	50.93 -1.41 0.00	49.97 -1.76 0.00	44.74 -2.09 0.00	25.38 -1.05 0.00	31.05 -1.07 0.00	33.79 -0.83 0.00	35.90 -0.56 0.00	33.58 -0.45 0.00	41.09 -0.61 0.00	41.83 -0.87 0.00	46.79 -0.77 0.00	46.66 -0.44 0.00	44.49 -0.55 0.00	50.18 -0.95 0.00	52.63 -1.49 0.00	48.43 -1.74 0.00	49.93 -2.49 0.00	36.93 -1.96 0.02	29.05 -1.30 0.00
INDECK___OSWEGO 23783	52.77 -1.81 0.00	49.35 -1.60 -0.11	44.14 -1.47 0.00	45.09 -1.55 0.00	51.35 -1.72 0.00	50.64 -1.70 0.00	49.94 -1.79 0.00	45.09 -1.74 0.00	25.39 -1.05 0.00	30.88 -1.24 0.00	33.34 -1.28 0.00	35.10 -1.36 0.00	32.72 -1.31 0.00	40.14 -1.56 0.00	41.09 -1.62 0.00	45.79 -1.77 0.00	45.45 -1.64 0.00	43.57 -1.47 0.00	49.53 -1.59 0.00	52.41 -1.70 0.00	48.59 -1.57 0.00	50.64 -1.77 0.00	37.56 -1.35 0.00	29.46 -0.89 0.00
INDECK___YERKES 23781	52.16 -2.41 0.00	48.78 -2.06 0.00	43.67 -1.95 0.00	44.33 -2.32 0.00	50.76 -2.31 0.00	50.35 -2.00 0.00	49.22 -2.51 0.00	43.75 -3.08 0.00	24.56 -1.87 0.00	30.10 -2.01 0.00	32.55 -2.07 0.00	34.68 -1.77 0.00	32.48 -1.55 0.00	39.58 -2.13 0.00	40.11 -2.60 0.00	45.02 -2.54 0.00	45.08 -2.01 0.00	42.82 -2.22 0.00	48.42 -2.70 0.00	50.78 -3.34 0.00	46.81 -3.36 0.00	48.26 -4.16 0.00	35.66 -3.23 0.02	27.99 -2.36 0.00
INDIAN POINT_GT_1 24139	57.80 3.23 0.00	53.30 2.46 0.00	47.86 2.24 0.00	48.92 2.27 0.00	55.16 2.09 0.00	54.21 1.87 0.00	53.33 1.60 0.00	48.46 1.63 0.00	71.35 1.21 -43.70	48.55 1.63 -14.80	37.29 2.28 -0.39	38.96 2.50 0.00	37.55 2.41 -1.10	46.09 3.10 -1.29	46.81 3.31 -0.79	52.91 3.63 -1.72	50.67 3.57 0.00	48.62 3.58 0.00	54.79 3.66 0.00	57.14 3.02 0.00	52.82 2.65 0.00	54.70 2.28 0.00	40.80 1.89 0.00	33.65 1.60 -1.70
INDIAN POINT_GT_2 23659	57.80 3.23 0.00	53.30 2.46 0.00	47.86 2.24 0.00	48.92 2.27 0.00	55.16 2.09 0.00	54.21 1.87 0.00	53.33 1.60 0.00	48.46 1.63 0.00	71.35 1.21 -43.70	48.55 1.63 -14.80	37.29 2.28 -0.39	38.96 2.50 0.00	37.55 2.41 -1.10	46.09 3.10 -1.29	46.81 3.31 -0.79	52.91 3.63 -1.72	50.67 3.57 0.00	48.62 3.58 0.00	54.79 3.66 0.00	57.14 3.02 0.00	52.82 2.65 0.00	54.70 2.28 0.00	40.80 1.89 0.00	33.65 1.60 -1.70
INDIAN POINT_GT_3 24019	57.80 3.23 0.00	53.30 2.46 0.00	47.86 2.24 0.00	48.92 2.27 0.00	55.16 2.09 0.00	54.21 1.87 0.00	53.33 1.60 0.00	48.46 1.63 0.00	71.35 1.21 -43.70	48.55 1.63 -14.80	37.29 2.28 -0.39	38.96 2.50 0.00	37.55 2.41 -1.10	46.09 3.10 -1.29	46.81 3.31 -0.79	52.91 3.63 -1.72	50.67 3.57 0.00	48.62 3.58 0.00	54.79 3.66 0.00	57.14 3.02 0.00	52.82 2.65 0.00	54.70 2.28 0.00	40.80 1.89 0.00	33.65 1.60 -1.70
INDIAN POINT___2 23530	57.68 3.11 0.00	53.20 2.36 0.00	47.76 2.14 0.00	48.82 2.18 0.00	55.05 1.98 0.00	54.11 1.77 0.00	53.22 1.49 0.00	48.36 1.53 0.00	87.65 1.16 -60.05	54.03 1.57 -20.34	37.38 2.23 -0.53	38.91 2.45 0.00	37.93 2.38 -1.52	45.93 3.05 -1.17	46.69 3.27 -0.72	52.70 3.58 -1.57	50.62 3.52 0.00	48.57 3.53 0.00	54.73 3.61 0.00	57.08 2.97 0.00	52.76 2.59 0.00	54.62 2.20 0.00	40.74 1.83 0.00	34.23 1.55 -2.33
INDIAN POINT___3 23531	57.69 3.11 0.00	53.20 2.36 0.00	47.77 2.15 0.00	48.83 2.19 0.00	55.09 2.02 0.00	54.13 1.78 0.00	53.26 1.53 0.00	48.37 1.54 0.00	72.57 1.16 -44.97	48.92 1.57 -15.23	37.22 2.20 -0.40	38.88 2.41 0.00	37.50 2.33 -1.14	45.96 3.00 -1.27	46.69 3.20 -0.78	52.75 3.50 -1.69	50.56 3.46 0.00	48.50 3.47 0.00	54.66 3.53 0.00	57.02 2.91 0.00	52.71 2.55 0.00	54.59 2.17 0.00	40.71 1.81 0.00	33.64 1.54 -1.75
INGHAM_C_115KV_TB7 356103	56.24 1.66 0.00	51.91 1.08 0.00	46.69 1.07 0.00	47.88 1.23 0.00	54.41 1.34 0.00	53.59 1.25 0.00	52.65 0.92 0.00	47.11 0.28 0.00	26.53 0.10 0.00	32.41 0.29 0.00	34.76 0.14 0.00	36.11 -0.34 0.00	33.53 -0.50 0.00	41.00 -0.70 0.00	42.15 -0.55 0.00	46.57 -0.99 0.00	46.14 -0.95 0.00	44.79 -0.25 0.00	51.49 0.36 0.00	54.75 0.64 0.00	51.18 1.02 0.00	53.20 0.78 0.00	39.44 0.54 0.00	30.96 0.61 0.00
IP CORINTH___1 23988	57.91 3.34 0.00	53.55 2.71 0.00	48.04 2.42 0.00	49.19 2.55 0.00	55.90 2.83 0.00	55.00 2.66 0.00	54.14 2.40 0.00	48.80 1.97 0.00	27.47 1.03 0.00	33.34 1.23 0.00	35.61 0.98 0.00	37.25 0.79 0.00	34.56 0.53 0.00	42.16 0.53 0.07	43.35 0.69 0.05	48.35 0.89 0.10	48.19 1.09 0.00	46.64 1.61 0.00	53.61 2.48 0.00	56.61 2.50 0.00	52.93 2.76 0.00	55.11 2.70 0.00	40.77 1.87 0.00	31.86 1.51 0.00
IP___TICONDEROGA 23804	60.39 5.82 0.00	55.47 4.63 0.00	49.77 4.15 0.00	51.07 4.42 0.00	58.00 4.93 0.00	57.02 4.68 0.00	55.97 4.24 0.00	50.21 3.38 0.00	28.07 1.64 0.00	33.74 1.63 0.00	36.15 1.53 0.00	37.95 1.50 0.00	35.23 1.19 0.00	42.84 1.21 0.07	44.13 1.47 0.05	49.53 2.07 0.10	49.53 2.43 0.00	48.27 3.24 0.00	55.31 4.18 0.00	58.40 4.29 0.00	55.59 5.42 0.00	58.10 5.68 0.00	42.90 4.00 0.00	33.49 3.15 0.00
ISLIP_RES_REC 323679	59.52 4.95 0.00	54.56 3.73 0.00	48.75 3.13 0.01	49.55 2.91 0.00	55.70 2.64 0.00	54.67 2.33 0.00	53.81 2.08 0.00	49.16 2.33 0.00	67.70 1.69 -39.58	50.33 2.42 -15.80	43.72 3.69 -5.40	40.32 3.87 0.00	64.13 3.63 -26.46	66.06 4.95 -19.41	50.10 5.01 -2.38	55.00 5.32 -2.12	51.54 4.44 0.00	49.36 4.33 0.00	56.05 4.93 0.00	58.04 3.92 0.00	53.46 3.29 0.00	55.42 3.00 0.00	41.88 2.98 0.00	34.24 2.35 -1.54

JAMAICA__27_KV_LOAD 355505	58.62 4.05 0.00	53.85 3.01 0.00	48.35 2.73 0.00	49.38 2.73 0.00	55.46 2.39 0.00	54.63 2.29 0.00	53.85 2.12 0.00	49.08 2.25 0.00	67.79 1.58 -39.77	47.63 2.04 -13.47	37.76 2.79 -0.35	39.58 3.12 0.00	38.07 3.03 -1.00	47.16 3.89 -1.57	47.77 4.10 -0.97	54.16 4.50 -2.10	51.59 4.49 0.00	49.45 4.42 0.00	55.50 4.38 0.00	57.79 3.68 0.00	53.44 3.27 0.00	55.27 2.85 0.00	41.48 2.58 0.00	34.01 2.11 -1.54
JANIS__SOLAR 323808	55.92 1.34 0.00	51.88 1.03 -0.02	46.59 0.97 0.00	47.46 0.81 0.00	54.15 1.09 0.00	53.79 1.45 0.00	53.18 1.44 0.00	47.91 1.08 0.00	26.88 0.44 0.00	32.48 0.37 0.00	34.98 0.36 0.00	36.74 0.28 0.00	34.29 0.26 0.00	42.32 0.62 0.00	43.20 0.49 0.00	48.22 0.66 0.00	48.05 0.95 0.00	46.35 1.32 0.00	53.07 1.94 0.00	56.63 2.51 0.00	52.59 2.42 0.00	54.58 2.17 0.00	40.29 1.39 0.00	31.36 1.01 0.00
JARVIS____ 23743	54.86 0.29 0.00	51.04 0.21 0.00	45.85 0.23 0.00	46.92 0.28 0.00	53.39 0.31 0.00	52.62 0.28 0.00	51.89 0.16 0.00	46.92 0.09 0.00	26.51 0.08 0.00	32.22 0.11 0.00	34.73 0.11 0.00	36.53 0.08 0.00	34.10 0.07 0.00	41.79 0.08 0.00	42.81 0.10 0.00	47.66 0.10 0.00	47.20 0.10 0.00	45.21 0.18 0.00	51.33 0.20 0.00	54.25 0.14 0.00	50.32 0.15 0.00	52.50 0.09 0.00	38.98 0.08 0.00	30.44 0.09 0.00
JENNISON____1 23625	55.14 0.57 0.00	51.06 0.21 -0.02	46.00 0.38 0.00	46.71 0.07 0.00	53.30 0.23 0.00	53.12 0.77 0.00	52.64 0.91 0.00	47.56 0.73 0.00	26.89 0.46 0.00	32.67 0.56 0.00	35.40 0.78 0.00	37.37 0.92 0.00	34.96 0.93 0.00	43.14 1.44 0.00	44.22 1.51 0.00	49.43 1.87 0.00	49.14 2.05 0.00	47.34 2.31 0.00	53.98 2.86 0.00	57.14 3.02 0.00	52.80 2.63 0.00	54.77 2.36 0.00	40.46 1.56 0.00	31.53 1.18 0.00
JENNISON____2 23626	55.14 0.57 0.00	51.06 0.21 -0.02	46.00 0.38 0.00	46.71 0.07 0.00	53.30 0.23 0.00	53.12 0.77 0.00	52.64 0.91 0.00	47.56 0.73 0.00	26.89 0.46 0.00	32.67 0.56 0.00	35.40 0.78 0.00	37.37 0.92 0.00	34.96 0.93 0.00	43.14 1.44 0.00	44.22 1.51 0.00	49.43 1.87 0.00	49.14 2.05 0.00	47.34 2.31 0.00	53.98 2.86 0.00	57.14 3.02 0.00	52.80 2.63 0.00	54.77 2.36 0.00	40.46 1.56 0.00	31.53 1.18 0.00
JERICOHO_RISE_WT_PWR 323719	53.26 -1.31 0.00	49.86 -0.97 0.00	44.68 -0.93 0.00	45.78 -0.87 0.00	52.42 -0.65 0.00	51.96 -0.38 0.00	51.91 0.18 0.00	47.10 0.27 0.00	26.45 0.02 0.00	32.01 -0.10 0.00	34.35 -0.27 0.00	36.30 -0.15 0.00	33.99 -0.04 0.00	41.58 -0.12 0.00	42.51 -0.20 0.00	47.28 -0.28 0.00	46.83 -0.27 0.00	44.54 -0.50 0.00	50.68 -0.44 0.00	54.10 -0.01 0.00	50.21 0.04 0.00	52.95 0.54 0.00	39.42 0.52 0.00	30.68 0.33 0.00
KATONAH__115KV_46KV_TB4 355592	58.13 3.56 0.00	53.62 2.78 0.00	48.15 2.53 0.00	49.18 2.54 0.00	55.52 2.45 0.00	54.59 2.25 0.00	53.70 1.97 0.00	48.76 1.93 0.00	49.48 1.36 -21.69	41.27 1.82 -7.34	37.21 2.40 -0.19	39.06 2.60 0.00	37.07 2.50 -0.55	44.67 3.17 0.21	46.01 3.42 0.13	51.06 3.78 0.28	50.82 3.73 0.00	48.76 3.72 0.00	54.98 3.86 0.00	57.37 3.25 0.00	53.02 2.85 0.00	54.92 2.50 0.00	40.96 2.05 0.00	32.89 1.70 -0.84
KCE_NY_1 323755	57.82 3.25 0.00	53.60 2.76 0.00	48.15 2.53 0.00	49.25 2.60 0.00	56.04 2.97 0.00	55.15 2.80 0.00	54.33 2.60 0.00	48.92 2.09 0.00	27.57 1.13 0.00	33.57 1.45 0.00	35.99 1.37 0.00	37.69 1.23 0.00	35.04 1.00 0.00	42.81 1.18 0.08	43.96 1.30 0.05	48.92 1.46 0.10	48.68 1.59 0.00	46.96 1.93 0.00	53.70 2.58 0.00	56.67 2.55 0.00	52.71 2.54 0.00	54.86 2.44 0.00	40.72 1.82 0.00	31.80 1.45 0.00
KCE_NY_6_ESR 323823	52.44 -2.13 0.00	48.95 -1.89 0.00	43.90 -1.72 0.00	44.61 -2.04 0.00	51.08 -1.99 0.00	50.62 -1.72 0.00	49.53 -2.21 0.00	44.05 -2.78 0.00	24.77 -1.66 0.00	30.35 -1.77 0.00	32.87 -1.75 0.00	35.02 -1.44 0.00	32.80 -1.23 0.00	40.06 -1.64 0.00	40.76 -1.94 0.00	45.82 -1.74 0.00	45.93 -1.17 0.00	43.67 -1.36 0.00	49.40 -1.73 0.00	51.78 -2.33 0.00	47.66 -2.51 0.00	48.99 -3.42 0.00	36.15 -2.74 0.02	28.32 -2.03 0.00
KEDC PORT_JEFF_GT2 24210	58.87 4.29 0.00	54.02 3.18 0.00	48.31 2.70 0.01	49.12 2.47 0.00	55.20 2.13 0.00	54.19 1.85 0.00	53.34 1.61 0.00	48.71 1.88 0.00	67.37 1.35 -39.58	49.92 2.01 -15.80	43.35 3.33 -5.40	39.90 3.44 0.00	63.73 3.24 -26.46	65.55 4.43 -19.41	49.60 4.51 -2.38	54.43 4.75 -2.12	50.96 3.86 0.00	48.61 3.58 0.00	55.31 4.19 0.00	57.40 3.28 0.00	52.89 2.72 0.00	54.85 2.43 0.00	41.50 2.60 0.00	33.99 2.10 -1.54
KEDC PORT_JEFF_GT3 24211	58.87 4.29 0.00	54.02 3.18 0.00	48.31 2.70 0.01	49.12 2.47 0.00	55.20 2.13 0.00	54.19 1.85 0.00	53.34 1.61 0.00	48.71 1.88 0.00	67.37 1.35 -39.58	49.92 2.01 -15.80	43.35 3.33 -5.40	39.90 3.44 0.00	63.73 3.24 -26.46	65.55 4.43 -19.41	49.60 4.51 -2.38	54.43 4.75 -2.12	50.96 3.86 0.00	48.61 3.58 0.00	55.31 4.19 0.00	57.40 3.28 0.00	52.89 2.72 0.00	54.85 2.43 0.00	41.50 2.60 0.00	33.99 2.10 -1.54
KEDC_GLWD_GT4 24219	58.31 3.74 0.00	53.76 2.92 0.00	48.49 2.86 0.00	49.48 2.83 0.00	55.69 2.62 0.00	54.72 2.37 0.00	53.84 2.10 0.00	48.98 2.15 0.00	67.42 1.41 -39.58	49.87 1.96 -15.80	42.90 2.88 -5.40	39.74 3.28 0.00	63.83 3.20 -26.60	64.95 3.84 -19.41	49.14 4.05 -2.38	54.08 4.40 -2.12	51.14 4.04 0.00	49.05 4.01 0.00	55.30 4.17 0.00	57.46 3.34 0.00	53.07 2.90 0.00	55.02 2.60 0.00	41.22 2.32 0.00	33.98 2.10 -1.54
KEDC_GLWD_GT5 24220	58.31 3.74 0.00	53.76 2.92 0.00	48.49 2.86 0.00	49.48 2.83 0.00	55.69 2.62 0.00	54.72 2.37 0.00	53.84 2.10 0.00	48.98 2.15 0.00	67.42 1.41 -39.58	49.87 1.96 -15.80	42.90 2.88 -5.40	39.74 3.28 0.00	63.83 3.20 -26.60	64.95 3.84 -19.41	49.14 4.05 -2.38	54.08 4.40 -2.12	51.14 4.04 0.00	49.05 4.01 0.00	55.30 4.17 0.00	57.46 3.34 0.00	53.07 2.90 0.00	55.02 2.60 0.00	41.22 2.32 0.00	33.98 2.10 -1.54
KENSICO____ 23655	57.98 3.41 0.00	53.45 2.62 0.00	48.01 2.39 0.00	49.06 2.42 0.00	55.31 2.24 0.00	54.36 2.02 0.00	53.48 1.75 0.00	48.61 1.79 0.00	69.10 1.32 -41.35	47.87 1.76 -14.00	37.41 2.43 -0.36	39.10 2.64 0.00	37.63 2.56 -1.04	46.43 3.28 -1.46	47.11 3.50 -0.90	53.33 3.83 -1.95	50.86 3.76 0.00	48.78 3.74 0.00	54.95 3.82 0.00	57.28 3.17 0.00	52.95 2.79 0.00	54.84 2.43 0.00	40.94 2.04 0.00	33.69 1.73 -1.61
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	58.23 3.66 0.00	53.63 2.79 0.00	48.05 2.43 0.00	49.06 2.42 0.00	55.46 2.39 0.00	54.52 2.17 0.00	53.61 1.88 0.00	48.61 1.78 0.00	20.16 1.23 7.51	31.14 1.56 2.54	36.62 2.06 0.07	38.64 2.18 0.00	25.97 2.13 10.19	33.89 2.79 10.60	45.38 3.07 0.41	51.24 3.53 -0.15	50.67 3.57 0.00	48.82 3.79 0.00	55.33 4.21 0.00	57.94 3.83 0.00	53.49 3.32 0.00	55.31 2.89 0.00	41.07 2.17 0.00	31.76 1.69 0.29

KIAC_JFK_GT1 23816	58.00 3.43 0.00	53.29 2.45 0.00	47.86 2.24 0.00	48.88 2.24 0.00	54.91 1.84 0.00	54.08 1.74 0.00	53.31 1.58 0.00	48.59 1.76 0.00	67.51 1.31 -39.77	47.30 1.72 -13.47	37.40 2.43 -0.35	39.21 2.75 0.00	37.72 2.68 -1.00	46.72 3.45 -1.57	47.35 3.67 -0.97	53.66 4.01 -2.10	51.08 3.99 0.00	48.96 3.93 0.00	54.93 3.80 0.00	57.20 3.08 0.00	52.89 2.72 0.00	54.72 2.30 0.00	41.07 2.16 0.00	33.70 1.80 -1.54
KIAC_JFK_GT2 23817	58.00 3.43 0.00	53.29 2.45 0.00	47.86 2.24 0.00	48.88 2.24 0.00	54.91 1.84 0.00	54.08 1.74 0.00	53.31 1.58 0.00	48.59 1.76 0.00	67.51 1.31 -39.77	47.30 1.72 -13.47	37.40 2.43 -0.35	39.21 2.75 0.00	37.72 2.68 -1.00	46.72 3.45 -1.57	47.35 3.67 -0.97	53.66 4.01 -2.10	51.08 3.99 0.00	48.96 3.93 0.00	54.93 3.80 0.00	57.20 3.08 0.00	52.89 2.72 0.00	54.72 2.30 0.00	41.07 2.16 0.00	33.70 1.80 -1.54
KIAC_JFK____ 323774	57.99 3.42 0.00	53.29 2.45 0.00	47.86 2.24 0.00	48.88 2.24 0.00	54.91 1.84 0.00	54.08 1.74 0.00	53.31 1.58 0.00	48.59 1.76 0.00	67.51 1.31 -39.77	47.30 1.72 -13.47	37.40 2.43 -0.35	39.21 2.75 0.00	37.71 2.67 -1.00	46.72 3.45 -1.57	47.35 3.67 -0.97	53.66 4.00 -2.10	51.09 3.99 0.00	48.96 3.92 0.00	54.93 3.80 0.00	57.20 3.08 0.00	52.89 2.72 0.00	54.72 2.30 0.00	41.07 2.17 0.00	33.69 1.80 -1.54
KINTIGH__24_KV_GSU 356498	52.29 -2.29 0.00	48.83 -2.01 0.00	43.77 -1.85 0.00	44.50 -2.14 0.00	50.90 -2.17 0.00	50.43 -1.92 0.00	49.41 -2.32 0.00	44.04 -2.79 0.00	24.75 -1.68 0.00	30.29 -1.82 0.00	32.74 -1.88 0.00	34.78 -1.67 0.00	32.57 -1.46 0.00	39.75 -1.95 0.00	40.44 -2.27 0.00	45.42 -2.14 0.00	45.48 -1.61 0.00	43.26 -1.78 0.00	48.92 -2.21 0.00	51.36 -2.76 0.00	47.32 -2.85 0.00	48.78 -3.64 0.00	36.07 -2.84 -0.01	28.28 -2.07 0.00
KINTIGH____ 23543	52.24 -2.33 0.00	48.79 -2.04 0.00	43.75 -1.87 0.00	44.46 -2.18 0.00	50.86 -2.21 0.00	50.39 -1.96 0.00	49.37 -2.36 0.00	44.01 -2.82 0.00	24.73 -1.71 0.00	30.25 -1.86 0.00	32.71 -1.91 0.00	34.75 -1.71 0.00	32.53 -1.50 0.00	39.69 -2.02 0.00	40.41 -2.30 0.00	45.37 -2.19 0.00	45.45 -1.64 0.00	43.22 -1.82 0.00	48.88 -2.25 0.00	51.31 -2.80 0.00	47.28 -2.88 0.00	48.73 -3.68 0.00	36.04 -2.87 -0.01	28.24 -2.10 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	54.15 -0.42 0.00	50.62 -0.21 0.00	45.42 -0.20 0.00	46.49 -0.15 0.00	53.17 0.10 0.00	52.68 0.33 0.00	52.59 0.86 0.00	47.62 0.79 0.00	26.65 0.21 0.00	32.20 0.08 0.00	34.49 -0.13 0.00	36.43 -0.03 0.00	34.10 0.07 0.00	41.75 0.05 0.00	42.74 0.03 0.00	47.54 -0.02 0.00	47.16 0.06 0.00	44.93 -0.10 0.00	51.14 0.02 0.00	54.58 0.47 0.00	50.76 0.60 0.00	53.60 1.18 0.00	40.00 1.09 0.00	31.17 0.82 0.00
LACHUTE____HYDRO 323717	60.38 5.81 0.00	55.47 4.63 0.00	49.77 4.15 0.00	51.07 4.42 0.00	58.00 4.93 0.00	57.02 4.68 0.00	55.97 4.24 0.00	50.21 3.38 0.00	28.07 1.64 0.00	33.74 1.63 0.00	36.15 1.53 0.00	37.95 1.50 0.00	35.22 1.19 0.00	42.84 1.21 0.07	44.13 1.47 0.05	49.53 2.07 0.10	49.53 2.43 0.00	48.27 3.24 0.00	55.31 4.18 0.00	58.41 4.29 0.00	55.59 5.42 0.00	58.10 5.68 0.00	42.90 4.00 0.00	33.49 3.14 0.00
LAWRNCALV_115KV_TB1 80681	54.30 -0.27 0.00	50.94 0.10 0.00	45.61 -0.01 0.00	46.57 -0.07 0.00	53.41 0.34 0.00	52.81 0.47 0.00	52.62 0.89 0.00	47.73 0.90 0.00	26.73 0.30 0.00	32.28 0.17 0.00	34.51 -0.11 0.00	36.46 0.01 0.00	34.10 0.07 0.00	41.49 -0.21 0.00	42.22 -0.49 0.00	46.68 -0.87 0.00	46.26 -0.84 0.00	44.05 -0.99 0.00	50.16 -0.96 0.00	53.83 -0.29 0.00	50.32 0.15 0.00	53.51 1.09 0.00	39.98 1.07 0.00	30.95 0.60 0.00
LEDERLE____ 23769	57.98 3.41 0.00	53.43 2.59 0.00	47.95 2.33 0.00	49.02 2.38 0.00	55.27 2.20 0.00	54.33 1.99 0.00	53.43 1.70 0.00	48.56 1.73 0.00	-27.59 1.29 55.31	15.11 1.73 18.73	36.55 2.42 0.49	39.14 2.68 0.00	35.23 2.59 1.40	46.03 3.33 -0.99	46.87 3.55 -0.61	52.80 3.91 -1.33	51.00 3.90 0.00	48.94 3.91 0.00	55.14 4.02 0.00	57.51 3.39 0.00	53.11 2.95 0.00	54.95 2.53 0.00	40.91 2.00 0.00	29.91 1.70 2.15
LIGHTHSE_115KV_TB6 355974	53.97 -0.60 0.00	50.47 -0.43 -0.06	45.17 -0.45 0.00	46.17 -0.47 0.00	52.74 -0.33 0.00	51.94 -0.41 0.00	51.21 -0.52 0.00	46.25 -0.58 0.00	25.99 -0.44 0.00	31.57 -0.55 0.00	33.97 -0.65 0.00	35.73 -0.73 0.00	33.36 -0.68 0.00	40.90 -0.81 0.00	41.81 -0.90 0.00	46.49 -1.07 0.00	46.17 -0.92 0.00	44.34 -0.69 0.00	50.56 -0.57 0.00	53.81 -0.30 0.00	50.13 -0.04 0.00	52.49 0.08 0.00	38.90 -0.01 0.00	30.32 -0.04 0.00
LINDEN COGEN____ 23786	57.79 3.22 0.00	53.26 2.42 0.00	47.88 2.27 0.00	48.92 2.28 0.00	54.98 1.91 0.00	54.03 1.69 0.00	53.16 1.43 0.00	48.46 1.63 0.00	65.71 1.29 -37.99	47.30 1.72 -13.47	37.48 2.51 -0.35	39.27 2.82 0.00	37.78 2.74 -1.00	46.81 3.54 -1.57	47.45 3.78 -0.97	53.76 4.10 -2.10	51.12 4.02 0.00	49.00 3.96 0.00	55.03 3.91 0.00	57.26 3.15 0.00	52.98 2.81 0.00	54.80 2.38 0.00	41.02 2.12 0.00	33.69 1.79 -1.54
LINDHRST_69_KV_BK1 356055	59.50 4.93 0.00	54.66 3.82 0.00	48.89 3.27 0.00	49.76 3.11 0.00	55.95 2.88 0.00	54.93 2.58 0.00	54.05 2.32 0.00	49.30 2.47 0.00	67.80 1.79 -39.58	50.39 2.47 -15.80	43.62 3.60 -5.40	40.19 3.73 0.00	64.15 3.61 -26.51	65.88 4.76 -19.41	50.03 4.95 -2.38	54.96 5.28 -2.12	51.60 4.50 0.00	49.48 4.45 0.00	56.01 4.89 0.00	58.04 3.92 0.00	53.55 3.38 0.00	55.61 3.19 0.00	41.97 3.06 0.00	34.34 2.45 -1.54
LIPA_MISC_IPP 23656	58.60 4.03 0.00	53.75 2.91 0.00	48.07 2.45 0.01	48.88 2.24 0.00	54.95 1.88 0.00	53.92 1.58 0.00	53.09 1.36 0.00	48.49 1.66 0.00	67.31 1.29 -39.58	49.82 1.91 -15.80	43.13 3.11 -5.40	39.68 3.23 0.00	63.53 3.04 -26.46	65.34 4.22 -19.41	49.42 4.33 -2.38	54.22 4.54 -2.12	50.76 3.67 0.00	48.67 3.64 0.00	55.27 4.14 0.00	57.23 3.11 0.00	52.73 2.56 0.00	54.73 2.32 0.00	41.39 2.49 0.00	33.89 2.00 -1.54
LISF____SOLAR 323691	58.75 4.18 0.00	53.89 3.06 0.00	48.19 2.58 0.01	48.98 2.33 0.00	55.06 2.00 0.00	54.05 1.70 0.00	53.23 1.50 0.00	48.61 1.78 0.00	67.36 1.35 -39.58	49.89 1.98 -15.80	43.20 3.18 -5.40	39.75 3.29 0.00	63.57 3.09 -26.46	65.42 4.30 -19.41	49.50 4.41 -2.38	54.30 4.62 -2.12	50.83 3.74 0.00	48.78 3.74 0.00	55.40 4.28 0.00	57.38 3.27 0.00	52.87 2.70 0.00	54.86 2.44 0.00	41.49 2.59 0.00	33.95 2.07 -1.54
LITTLE FALLS____HYD 24013	56.24 1.66 0.00	51.91 1.08 0.00	46.69 1.07 0.00	47.88 1.23 0.00	54.41 1.34 0.00	53.59 1.25 0.00	52.65 0.92 0.00	47.11 0.28 0.00	26.53 0.10 0.00	32.41 0.29 0.00	34.76 0.14 0.00	36.11 -0.34 0.00	33.53 -0.50 0.00	41.00 -0.70 0.00	42.15 -0.55 0.00	46.57 -0.99 0.00	46.14 -0.95 0.00	44.79 -0.25 0.00	51.49 0.36 0.00	54.75 0.64 0.00	51.18 1.02 0.00	53.20 0.78 0.00	39.44 0.54 0.00	30.96 0.61 0.00

LITTLRIV_115KV_TB1 356100	55.20 0.63 0.00	51.79 0.95 -0.01	46.36 0.74 0.00	47.29 0.65 0.00	54.25 1.18 0.00	53.61 1.27 0.00	53.45 1.72 0.00	48.28 1.45 0.00	26.91 0.48 0.00	32.42 0.31 0.00	34.61 -0.01 0.00	36.58 0.12 0.00	34.21 0.18 0.00	41.63 -0.08 0.00	42.33 -0.38 0.00	46.85 -0.71 0.00	46.42 -0.68 0.00	44.19 -0.85 0.00	50.40 -0.73 0.00	54.44 0.32 0.00	51.18 1.01 0.00	54.46 2.04 0.00	40.64 1.74 0.00	31.42 1.07 0.00
LI_NEWBRDGE___DRP 323616	58.20 3.62 0.00	53.62 2.79 0.00	48.07 2.46 0.01	49.01 2.36 0.00	55.15 2.08 0.00	54.17 1.82 0.00	53.26 1.53 0.00	48.52 1.69 0.00	67.33 1.32 -39.58	49.80 1.88 -15.80	42.87 2.85 -5.40	39.46 3.00 0.00	63.38 2.92 -26.43	64.93 3.81 -19.41	49.12 4.03 -2.38	53.96 4.28 -2.12	50.67 3.58 0.00	48.59 3.55 0.00	54.90 3.77 0.00	56.93 2.81 0.00	52.63 2.46 0.00	54.64 2.23 0.00	41.19 2.28 0.00	33.80 1.91 -1.54
LOCKPORT_115KV_TB60_63_64 80432	51.74 -2.83 0.00	48.34 -2.49 0.00	43.31 -2.31 0.00	43.93 -2.72 0.00	50.32 -2.75 0.00	49.93 -2.41 0.00	48.81 -2.93 0.00	43.35 -3.48 0.00	24.30 -2.13 0.00	29.75 -2.36 0.00	32.16 -2.46 0.00	34.31 -2.15 0.00	32.08 -1.95 0.00	39.04 -2.66 0.00	39.67 -3.04 0.00	44.58 -2.98 0.00	44.65 -2.45 0.00	42.36 -2.68 0.00	47.91 -3.21 0.00	50.29 -3.83 0.00	46.39 -3.78 0.00	47.71 -4.70 0.00	35.23 -3.65 0.02	27.65 -2.70 0.00
LOCKPORT___CC1 323769	51.56 -3.01 0.00	48.20 -2.64 0.00	43.19 -2.43 0.00	43.82 -2.83 0.00	50.18 -2.89 0.00	49.79 -2.56 0.00	48.67 -3.06 0.00	43.21 -3.63 0.00	24.24 -2.19 0.00	29.68 -2.43 0.00	32.07 -2.55 0.00	34.21 -2.25 0.00	32.00 -2.03 0.00	38.98 -2.72 0.00	39.58 -3.13 0.00	44.49 -3.07 0.00	44.56 -2.54 0.00	42.29 -2.75 0.00	47.82 -3.31 0.00	50.18 -3.94 0.00	46.28 -3.89 0.00	47.59 -4.82 0.00	35.15 -3.74 0.02	27.60 -2.75 0.00
LOCKPORT___CC2 323770	51.56 -3.01 0.00	48.20 -2.64 0.00	43.19 -2.43 0.00	43.82 -2.83 0.00	50.18 -2.89 0.00	49.79 -2.56 0.00	48.67 -3.06 0.00	43.21 -3.63 0.00	24.24 -2.19 0.00	29.68 -2.43 0.00	32.07 -2.55 0.00	34.21 -2.25 0.00	32.00 -2.03 0.00	38.98 -2.72 0.00	39.58 -3.13 0.00	44.49 -3.07 0.00	44.56 -2.54 0.00	42.29 -2.75 0.00	47.82 -3.31 0.00	50.18 -3.94 0.00	46.28 -3.89 0.00	47.59 -4.82 0.00	35.15 -3.74 0.02	27.60 -2.75 0.00
LOCKPORT___CC3 323771	51.56 -3.01 0.00	48.20 -2.64 0.00	43.19 -2.43 0.00	43.82 -2.83 0.00	50.18 -2.89 0.00	49.79 -2.56 0.00	48.67 -3.06 0.00	43.21 -3.63 0.00	24.24 -2.19 0.00	29.68 -2.43 0.00	32.07 -2.55 0.00	34.21 -2.25 0.00	32.00 -2.03 0.00	38.98 -2.72 0.00	39.58 -3.13 0.00	44.49 -3.07 0.00	44.56 -2.54 0.00	42.29 -2.75 0.00	47.82 -3.31 0.00	50.18 -3.94 0.00	46.28 -3.89 0.00	47.59 -4.82 0.00	35.15 -3.74 0.02	27.60 -2.75 0.00
LOCUSVLY_69_KV_BK2 55797	58.75 4.17 0.00	54.13 3.30 0.00	48.60 2.98 0.00	49.56 2.91 0.00	55.78 2.71 0.00	54.76 2.41 0.00	53.88 2.15 0.00	49.07 2.24 0.00	67.59 1.58 -39.58	50.10 2.19 -15.80	43.20 3.18 -5.40	39.91 3.46 0.00	63.99 3.39 -26.57	65.39 4.27 -19.41	49.58 4.50 -2.38	54.54 4.86 -2.12	51.38 4.28 0.00	49.37 4.33 0.00	55.67 4.55 0.00	57.73 3.62 0.00	53.32 3.15 0.00	55.27 2.85 0.00	41.51 2.60 0.00	34.09 2.21 -1.54
LONG_LAKE_PHOENIX 24014	53.45 -1.13 0.00	49.88 -1.04 -0.08	44.64 -0.98 0.00	45.58 -1.07 0.00	51.89 -1.18 0.00	51.20 -1.15 0.00	50.49 -1.24 0.00	45.61 -1.23 0.00	25.69 -0.74 0.00	31.25 -0.87 0.00	33.72 -0.91 0.00	35.50 -0.96 0.00	33.11 -0.92 0.00	40.62 -1.08 0.00	41.59 -1.11 0.00	46.41 -1.15 0.00	46.10 -1.00 0.00	44.19 -0.85 0.00	50.23 -0.89 0.00	53.12 -0.99 0.00	49.19 -0.98 0.00	51.18 -1.23 0.00	37.92 -0.99 0.00	29.61 -0.74 0.00
LOVETT___3 23632	57.56 2.99 0.00	53.09 2.26 0.00	47.66 2.04 0.00	48.72 2.08 0.00	54.95 1.88 0.00	54.00 1.66 0.00	53.11 1.38 0.00	48.27 1.44 0.00	-31.43 1.11 58.97	13.64 1.50 19.97	36.25 2.15 0.52	38.83 2.37 0.00	34.84 2.30 1.49	45.72 2.96 -1.07	46.53 3.17 -0.66	52.44 3.46 -1.42	50.52 3.42 0.00	48.47 3.43 0.00	54.62 3.49 0.00	56.96 2.85 0.00	52.65 2.49 0.00	54.50 2.08 0.00	40.63 1.73 0.00	29.59 1.53 2.29
LOVETT___4 23642	57.56 2.99 0.00	53.09 2.26 0.00	47.66 2.04 0.00	48.72 2.08 0.00	54.95 1.88 0.00	54.00 1.66 0.00	53.11 1.38 0.00	48.27 1.44 0.00	-31.43 1.11 58.97	13.64 1.50 19.97	36.25 2.15 0.52	38.83 2.37 0.00	34.84 2.30 1.49	45.72 2.96 -1.07	46.53 3.17 -0.66	52.44 3.46 -1.42	50.52 3.42 0.00	48.47 3.43 0.00	54.62 3.49 0.00	56.96 2.85 0.00	52.65 2.49 0.00	54.50 2.08 0.00	40.63 1.73 0.00	29.59 1.53 2.29
LOVETT___5 23593	57.56 2.99 0.00	53.09 2.26 0.00	47.66 2.04 0.00	48.72 2.08 0.00	54.95 1.88 0.00	54.00 1.66 0.00	53.11 1.38 0.00	48.27 1.44 0.00	-31.43 1.11 58.97	13.64 1.50 19.97	36.25 2.15 0.52	38.83 2.37 0.00	34.84 2.30 1.49	45.72 2.96 -1.07	46.53 3.17 -0.66	52.44 3.46 -1.42	50.52 3.42 0.00	48.47 3.43 0.00	54.62 3.49 0.00	56.96 2.85 0.00	52.65 2.49 0.00	54.50 2.08 0.00	40.63 1.73 0.00	29.59 1.53 2.29
LOWER RAQUET___HYD 24057	54.28 -0.29 0.00	50.94 0.10 -0.01	45.60 -0.02 0.00	46.57 -0.08 0.00	53.48 0.41 0.00	52.87 0.53 0.00	52.70 0.96 0.00	47.77 0.94 0.00	26.73 0.30 0.00	32.27 0.16 0.00	34.46 -0.16 0.00	36.41 -0.05 0.00	34.05 0.02 0.00	41.40 -0.31 0.00	42.07 -0.64 0.00	46.48 -1.08 0.00	46.07 -1.03 0.00	43.87 -1.16 0.00	49.99 -1.14 0.00	53.71 -0.40 0.00	50.30 0.13 0.00	53.54 1.12 0.00	40.05 1.15 0.00	31.00 0.66 0.00
LOWER___HUDSON 24059	57.06 2.48 0.00	52.98 2.15 0.00	47.63 2.02 0.00	48.78 2.14 0.00	55.41 2.34 0.00	54.56 2.22 0.00	53.67 1.94 0.00	48.43 1.60 0.00	27.33 0.89 0.00	33.29 1.18 0.00	35.69 1.07 0.00	37.36 0.91 0.00	34.75 0.72 0.00	42.47 0.85 0.08	43.63 0.98 0.05	48.45 1.01 0.11	48.14 1.04 0.00	46.36 1.32 0.00	52.77 1.64 0.00	55.56 1.44 0.00	51.75 1.58 0.00	53.89 1.48 0.00	40.06 1.15 0.00	31.38 1.03 0.00
LOWVILLE_115KV_TB2 356335	55.22 0.64 0.00	51.89 1.03 -0.02	46.26 0.64 0.00	47.46 0.82 0.00	54.56 1.49 0.00	53.86 1.52 0.00	53.27 1.53 0.00	48.19 1.36 0.00	26.99 0.56 0.00	32.57 0.45 0.00	34.79 0.17 0.00	36.64 0.17 0.00	34.30 0.27 0.00	41.96 0.25 0.00	42.85 0.14 0.00	47.58 0.02 0.00	47.29 0.20 0.00	45.47 0.44 0.00	52.05 0.93 0.00	55.81 1.70 0.00	52.26 2.09 0.00	55.01 2.59 0.00	40.75 1.84 0.00	31.64 1.29 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	57.83 3.26 0.00	53.60 2.76 0.00	48.14 2.52 0.00	49.26 2.61 0.00	56.01 2.94 0.00	55.14 2.79 0.00	54.27 2.54 0.00	48.91 2.07 0.00	27.56 1.13 0.00	33.54 1.43 0.00	35.97 1.35 0.00	37.67 1.21 0.00	35.00 0.97 0.00	42.77 1.15 0.08	43.93 1.27 0.05	48.88 1.42 0.10	48.64 1.55 0.00	46.93 1.89 0.00	53.62 2.50 0.00	56.61 2.49 0.00	52.69 2.52 0.00	54.84 2.43 0.00	40.69 1.78 0.00	31.79 1.44 0.00

LUTHERNY_35_KV_BK2 355980	57.82 3.25 0.00	53.60 2.76 0.00	48.15 2.53 0.00	49.25 2.61 0.00	56.05 2.98 0.00	55.15 2.81 0.00	54.33 2.60 0.00	48.92 2.09 0.00	27.57 1.13 0.00	33.57 1.45 0.00	35.99 1.37 0.00	37.69 1.24 0.00	35.04 1.00 0.00	42.81 1.19 0.08	43.96 1.30 0.05	48.92 1.46 0.10	48.69 1.59 0.00	46.96 1.92 0.00	53.71 2.58 0.00	56.67 2.55 0.00	52.71 2.54 0.00	54.86 2.44 0.00	40.72 1.81 0.00	31.80 1.45 0.00
LWR___OSWEGATCHIE_HYD 23850	54.66 0.09 0.00	51.32 0.46 -0.02	45.88 0.26 0.00	46.94 0.29 0.00	53.93 0.87 0.00	53.27 0.92 0.00	52.90 1.17 0.00	47.86 1.03 0.00	26.79 0.36 0.00	32.32 0.20 0.00	34.50 -0.12 0.00	36.38 -0.08 0.00	34.04 0.01 0.00	41.50 -0.21 0.00	42.27 -0.44 0.00	46.82 -0.74 0.00	46.48 -0.62 0.00	44.47 -0.56 0.00	50.81 -0.31 0.00	54.60 0.48 0.00	51.17 1.00 0.00	54.24 1.82 0.00	40.38 1.47 0.00	31.30 0.95 0.00
LYONS_FALL_HYD 23570	55.68 1.11 0.00	52.12 1.26 -0.02	46.46 0.83 0.00	47.57 0.93 0.00	54.48 1.41 0.00	53.77 1.42 0.00	53.14 1.41 0.00	48.05 1.22 0.00	26.98 0.55 0.00	32.62 0.51 0.00	34.98 0.36 0.00	36.80 0.35 0.00	34.41 0.38 0.00	42.12 0.42 0.00	43.08 0.37 0.00	47.89 0.33 0.00	47.58 0.48 0.00	45.73 0.70 0.00	52.26 1.13 0.00	55.77 1.66 0.00	52.03 1.86 0.00	54.56 2.14 0.00	40.44 1.53 0.00	31.42 1.07 0.00
MADISON___COUNTY_LFGE 323628	56.04 1.47 0.00	52.14 1.29 -0.02	46.68 1.06 0.00	47.73 1.08 0.00	54.40 1.33 0.00	53.68 1.34 0.00	52.99 1.26 0.00	47.85 1.02 0.00	26.94 0.50 0.00	32.65 0.54 0.00	35.11 0.49 0.00	36.91 0.46 0.00	34.46 0.43 0.00	42.25 0.55 0.00	43.26 0.55 0.00	48.25 0.69 0.00	47.92 0.82 0.00	46.04 1.00 0.00	52.48 1.35 0.00	55.72 1.61 0.00	51.79 1.62 0.00	53.97 1.55 0.00	39.96 1.06 0.00	31.11 0.76 0.00
MALONE___115KV_TB1 356076	54.14 -0.43 0.00	50.67 -0.16 0.00	45.39 -0.23 0.00	46.42 -0.23 0.00	53.19 0.13 0.00	52.72 0.38 0.00	52.64 0.91 0.00	47.71 0.88 0.00	26.78 0.34 0.00	32.34 0.23 0.00	34.65 0.03 0.00	36.62 0.16 0.00	34.27 0.24 0.00	41.87 0.17 0.00	42.75 0.04 0.00	47.47 -0.09 0.00	47.05 -0.04 0.00	44.81 -0.23 0.00	51.06 -0.07 0.00	54.68 0.56 0.00	50.91 0.74 0.00	53.81 1.39 0.00	40.06 1.16 0.00	31.09 0.74 0.00
MAPLEWOD_115KV_TB3 80458	56.76 2.19 0.00	52.76 1.93 0.00	47.47 1.85 0.00	48.62 1.97 0.00	55.20 2.13 0.00	54.35 2.01 0.00	53.47 1.74 0.00	48.26 1.43 0.00	27.28 0.84 0.00	33.24 1.13 0.00	35.59 0.97 0.00	37.25 0.79 0.00	34.66 0.62 0.00	42.35 0.73 0.08	43.50 0.84 0.05	48.32 0.86 0.11	47.98 0.88 0.00	46.18 1.14 0.00	52.48 1.35 0.00	55.22 1.10 0.00	51.33 1.17 0.00	53.41 0.99 0.00	39.76 0.86 0.00	31.26 0.90 0.00
MAPLE_RIDGE_WT_1 323574	53.93 -0.64 0.00	50.40 -0.44 0.00	45.25 -0.37 0.00	46.37 -0.27 0.00	52.86 -0.21 0.00	52.16 -0.19 0.00	51.65 -0.09 0.00	46.73 -0.11 0.00	26.38 -0.05 0.00	32.02 -0.09 0.00	34.47 -0.15 0.00	36.37 -0.09 0.00	33.99 -0.04 0.00	41.62 -0.08 0.00	42.62 -0.09 0.00	47.44 -0.12 0.00	46.99 -0.10 0.00	44.90 -0.14 0.00	50.99 -0.13 0.00	54.07 -0.05 0.00	50.13 -0.03 0.00	52.49 0.08 0.00	38.99 0.08 0.00	30.39 0.04 0.00
MAPLE_RIDGE_WT_2 323611	53.93 -0.64 0.00	50.40 -0.44 0.00	45.25 -0.37 0.00	46.37 -0.27 0.00	52.86 -0.21 0.00	52.16 -0.19 0.00	51.65 -0.09 0.00	46.73 -0.11 0.00	26.38 -0.05 0.00	32.02 -0.09 0.00	34.47 -0.15 0.00	36.37 -0.09 0.00	33.99 -0.04 0.00	41.62 -0.08 0.00	42.62 -0.09 0.00	47.44 -0.12 0.00	46.99 -0.10 0.00	44.90 -0.14 0.00	50.99 -0.13 0.00	54.07 -0.05 0.00	50.13 -0.03 0.00	52.49 0.08 0.00	38.99 0.08 0.00	30.39 0.04 0.00
MARBLE_RIVER_WT_PWR 323696	53.34 -1.24 0.00	49.91 -0.92 0.00	44.72 -0.90 0.00	45.83 -0.82 0.00	52.47 -0.60 0.00	52.00 -0.34 0.00	51.95 0.22 0.00	47.10 0.27 0.00	26.46 0.02 0.00	32.01 -0.10 0.00	34.35 -0.27 0.00	36.28 -0.17 0.00	33.97 -0.06 0.00	41.57 -0.13 0.00	42.51 -0.19 0.00	47.28 -0.28 0.00	46.83 -0.27 0.00	44.57 -0.46 0.00	50.73 -0.40 0.00	54.10 -0.01 0.00	50.22 0.06 0.00	52.95 0.53 0.00	39.43 0.53 0.00	30.72 0.37 0.00
MARSHVLE_115KV_TB1 80742	56.97 2.40 0.00	53.18 2.34 0.00	47.62 2.00 0.00	48.63 1.99 0.00	55.46 2.39 0.00	54.77 2.43 0.00	54.25 2.52 0.00	48.89 2.07 0.00	27.41 0.97 0.00	33.17 1.06 0.00	35.68 1.06 0.00	37.47 1.01 0.00	35.14 1.10 0.00	43.02 1.37 0.05	44.02 1.35 0.03	48.90 1.41 0.06	48.51 1.41 0.00	46.40 1.37 0.00	53.00 1.88 0.00	57.04 2.93 0.00	53.27 3.11 0.00	55.69 3.28 0.00	41.25 2.35 0.00	31.96 1.61 0.00
MARSH_HILL_WT_PWR 323713	52.21 -2.36 0.00	48.81 -2.03 -0.01	44.25 -1.37 0.00	45.13 -1.52 0.00	51.68 -1.39 0.00	51.38 -0.96 0.00	50.62 -1.11 0.00	45.18 -1.65 0.00	25.40 -1.04 0.00	30.93 -1.18 0.00	33.52 -1.10 0.00	35.62 -0.84 0.00	33.34 -0.69 0.00	40.90 -0.80 0.00	41.65 -1.06 0.00	46.68 -0.88 0.00	46.62 -0.48 0.00	44.61 -0.42 0.00	50.72 -0.41 0.00	53.75 -0.37 0.00	49.79 -0.38 0.00	51.36 -1.06 0.00	37.91 -0.98 0.01	29.67 -0.67 0.00
MCINTYRE_115KV_TB2 80467	55.53 0.96 0.00	52.10 1.27 0.00	46.65 1.03 0.00	47.56 0.92 0.00	54.45 1.38 0.00	53.82 1.47 0.00	53.68 1.96 0.00	48.41 1.58 0.00	26.96 0.52 0.00	32.45 0.33 0.00	34.68 0.06 0.00	36.66 0.20 0.00	34.30 0.26 0.00	41.78 0.08 0.00	42.53 -0.18 0.00	47.15 -0.41 0.00	46.72 -0.37 0.00	44.43 -0.61 0.00	50.63 -0.49 0.00	54.80 0.69 0.00	51.55 1.38 0.00	54.83 2.41 0.00	40.84 1.94 0.00	31.55 1.20 0.00
MECO_____69_KV_BK1 80468	58.26 3.69 0.00	54.28 3.45 0.00	48.63 3.01 0.00	49.68 3.04 0.00	56.59 3.52 0.00	55.85 3.51 0.00	55.14 3.40 0.00	49.53 2.71 0.00	27.78 1.35 0.00	33.60 1.49 0.00	36.00 1.38 0.00	37.75 1.28 0.00	35.20 1.16 0.00	43.00 1.35 0.06	43.68 1.01 0.04	48.45 0.96 0.08	48.10 1.01 0.00	46.31 1.27 0.00	53.36 2.24 0.00	57.66 3.54 0.00	53.95 3.78 0.00	56.28 3.87 0.00	41.65 2.75 0.00	32.33 1.98 0.00
MENANDS___115KV_TB5 355628	56.34 1.77 0.00	52.43 1.59 0.00	47.19 1.57 0.00	48.36 1.71 0.00	54.91 1.84 0.00	54.05 1.70 0.00	53.17 1.43 0.00	47.99 1.16 0.00	27.13 0.70 0.00	33.06 0.95 0.00	35.39 0.77 0.00	37.03 0.57 0.00	34.45 0.42 0.00	42.09 0.47 0.08	43.24 0.58 0.05	48.00 0.55 0.11	47.65 0.55 0.00	45.83 0.80 0.00	52.02 0.90 0.00	54.70 0.58 0.00	50.86 0.70 0.00	52.92 0.51 0.00	39.44 0.54 0.00	31.06 0.70 0.00
MG INDUSTRY___DRP 24185	55.43 0.86 0.00	52.23 1.40 0.00	47.10 1.48 0.00	48.29 1.64 0.00	54.91 1.84 0.00	54.06 1.71 0.00	53.13 1.39 0.00	47.86 1.02 0.00	27.06 0.62 0.00	32.93 0.82 0.00	35.25 0.63 0.00	36.76 0.30 0.00	-32.51 -0.26 66.28	-29.80 -0.49 71.01	38.98 -0.55 3.17	46.75 -0.71 0.10	46.39 -0.71 0.00	44.57 -0.46 0.00	50.66 -0.47 0.00	53.44 -0.68 0.00	49.70 -0.47 0.00	51.78 -0.64 0.00	38.56 -0.34 0.00	30.28 -0.07 0.00

MID___OSWEGATCHIE_HYD 23849	54.66 0.09 0.00	51.32 0.46 -0.02	45.88 0.26 0.00	46.94 0.29 0.00	53.93 0.87 0.00	53.27 0.92 0.00	52.90 1.17 0.00	47.86 1.03 0.00	26.79 0.36 0.00	32.32 0.20 0.00	34.50 -0.12 0.00	36.38 -0.08 0.00	34.04 0.01 0.00	41.50 -0.21 0.00	42.27 -0.44 0.00	46.82 -0.74 0.00	46.48 -0.62 0.00	44.47 -0.56 0.00	50.81 -0.31 0.00	54.60 0.48 0.00	51.17 1.00 0.00	54.24 1.82 0.00	40.38 1.47 0.00	31.30 0.95 0.00
MID___RAQUETTE_HYD 23851	54.29 -0.29 0.00	50.94 0.10 -0.01	45.60 -0.02 0.00	46.57 -0.08 0.00	53.48 0.41 0.00	52.87 0.53 0.00	52.70 0.97 0.00	47.77 0.94 0.00	26.73 0.30 0.00	32.27 0.16 0.00	34.46 -0.16 0.00	36.41 -0.05 0.00	34.05 0.02 0.00	41.39 -0.31 0.00	42.07 -0.64 0.00	46.48 -1.08 0.00	46.07 -1.03 0.00	43.87 -1.16 0.00	49.99 -1.13 0.00	53.71 -0.40 0.00	50.30 0.13 0.00	53.54 1.12 0.00	40.05 1.15 0.00	31.00 0.65 0.00
MILLIKEN___1 23584	55.31 0.73 0.00	51.38 0.51 -0.03	46.12 0.50 0.00	47.09 0.44 0.00	53.58 0.51 0.00	52.96 0.62 0.00	52.24 0.51 0.00	47.09 0.26 0.00	26.54 0.11 0.00	32.17 0.06 0.00	34.64 0.02 0.00	36.49 0.03 0.00	34.06 0.03 0.00	41.84 0.14 0.00	42.77 0.06 0.00	47.76 0.20 0.00	47.48 0.38 0.00	45.62 0.58 0.00	52.03 0.90 0.00	55.09 0.97 0.00	51.15 0.98 0.00	53.11 0.70 0.00	39.29 0.38 0.00	30.64 0.28 0.00
MILLIKEN___2 23585	55.31 0.73 0.00	51.38 0.51 -0.03	46.12 0.50 0.00	47.09 0.44 0.00	53.58 0.51 0.00	52.96 0.62 0.00	52.24 0.51 0.00	47.09 0.26 0.00	26.54 0.11 0.00	32.17 0.06 0.00	34.64 0.02 0.00	36.49 0.03 0.00	34.06 0.03 0.00	41.84 0.14 0.00	42.77 0.06 0.00	47.76 0.20 0.00	47.48 0.38 0.00	45.62 0.58 0.00	52.03 0.90 0.00	55.09 0.97 0.00	51.15 0.98 0.00	53.11 0.70 0.00	39.29 0.38 0.00	30.64 0.28 0.00
MILLIKEN___DIESEL 23629	55.31 0.73 0.00	51.38 0.51 -0.03	46.12 0.50 0.00	47.09 0.44 0.00	53.58 0.51 0.00	52.96 0.62 0.00	52.24 0.51 0.00	47.09 0.26 0.00	26.54 0.11 0.00	32.17 0.06 0.00	34.64 0.02 0.00	36.49 0.03 0.00	34.06 0.03 0.00	41.84 0.14 0.00	42.77 0.06 0.00	47.76 0.20 0.00	47.48 0.38 0.00	45.62 0.58 0.00	52.03 0.90 0.00	55.09 0.97 0.00	51.15 0.98 0.00	53.11 0.70 0.00	39.29 0.38 0.00	30.64 0.28 0.00
MILLSEAT___LFGE 323607	53.09 -1.49 0.00	49.50 -1.33 0.00	44.31 -1.31 0.00	44.95 -1.70 0.00	51.46 -1.61 0.00	51.05 -1.29 0.00	49.98 -1.75 0.00	44.43 -2.40 0.00	24.88 -1.56 0.00	30.37 -1.74 0.00	32.74 -1.88 0.00	34.99 -1.47 0.00	32.62 -1.41 0.00	39.77 -1.93 0.00	40.45 -2.26 0.00	45.46 -2.10 0.00	45.54 -1.56 0.00	43.29 -1.75 0.00	49.12 -2.01 0.00	51.83 -2.29 0.00	47.90 -2.27 0.00	49.32 -3.10 0.00	36.35 -2.54 0.01	28.46 -1.89 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	57.84 3.27 0.00	53.34 2.50 0.00	47.91 2.29 0.00	48.96 2.31 0.00	55.22 2.15 0.00	54.27 1.92 0.00	53.38 1.65 0.00	48.51 1.68 0.00	69.50 1.24 -41.83	47.95 1.67 -14.17	37.29 2.30 -0.37	38.98 2.52 0.00	37.51 2.42 -1.06	46.13 3.11 -1.33	46.86 3.33 -0.81	52.97 3.64 -1.77	50.67 3.58 0.00	48.61 3.57 0.00	54.79 3.66 0.00	57.14 3.02 0.00	52.82 2.65 0.00	54.70 2.29 0.00	40.83 1.92 0.00	33.60 1.63 -1.62
MILLWOOD_13_KV_LOAD 356217	57.96 3.39 0.00	53.44 2.60 0.00	47.99 2.37 0.00	49.04 2.40 0.00	55.31 2.24 0.00	54.36 2.02 0.00	53.48 1.75 0.00	48.60 1.77 0.00	69.56 1.29 -41.83	48.00 1.72 -14.17	37.36 2.37 -0.37	39.05 2.60 0.00	37.60 2.51 -1.06	46.22 3.20 -1.33	46.94 3.42 -0.81	53.07 3.75 -1.77	50.79 3.69 0.00	48.72 3.68 0.00	54.90 3.78 0.00	57.26 3.15 0.00	52.93 2.77 0.00	54.80 2.39 0.00	40.90 2.00 0.00	33.66 1.68 -1.62
MODEL_CITY_ENERGY 24167	51.39 -3.19 0.00	48.00 -2.84 0.00	43.02 -2.60 0.00	43.64 -3.01 0.00	49.99 -3.08 0.00	49.60 -2.74 0.00	48.47 -3.26 0.00	43.05 -3.78 0.00	24.16 -2.27 0.00	29.58 -2.53 0.00	31.95 -2.67 0.00	34.06 -2.39 0.00	31.89 -2.15 0.00	38.81 -2.89 0.00	39.39 -3.32 0.00	44.25 -3.31 0.00	44.31 -2.79 0.00	42.01 -3.03 0.00	47.50 -3.63 0.00	49.80 -4.32 0.00	45.93 -4.24 0.00	47.22 -5.20 0.00	34.89 -4.00 0.02	27.42 -2.93 0.00
MODERN_LFGE___ 323580	51.39 -3.19 0.00	48.00 -2.84 0.00	43.02 -2.60 0.00	43.64 -3.01 0.00	49.99 -3.08 0.00	49.60 -2.74 0.00	48.47 -3.26 0.00	43.05 -3.78 0.00	24.16 -2.27 0.00	29.58 -2.53 0.00	31.95 -2.67 0.00	34.06 -2.39 0.00	31.89 -2.15 0.00	38.81 -2.89 0.00	39.39 -3.32 0.00	44.25 -3.31 0.00	44.31 -2.79 0.00	42.01 -3.03 0.00	47.50 -3.63 0.00	49.80 -4.32 0.00	45.93 -4.24 0.00	47.22 -5.20 0.00	34.89 -4.00 0.02	27.42 -2.93 0.00
MOHAWK_PAPER___DRP 24187	56.76 2.19 0.00	52.76 1.93 0.00	47.47 1.85 0.00	48.62 1.97 0.00	55.20 2.13 0.00	54.35 2.01 0.00	53.47 1.74 0.00	48.26 1.43 0.00	27.28 0.84 0.00	33.24 1.13 0.00	35.59 0.97 0.00	37.25 0.79 0.00	34.66 0.62 0.00	42.35 0.73 0.08	43.50 0.84 0.05	48.32 0.86 0.11	47.98 0.88 0.00	46.18 1.14 0.00	52.48 1.35 0.00	55.22 1.10 0.00	51.33 1.17 0.00	53.41 0.99 0.00	39.76 0.86 0.00	31.26 0.90 0.00
MOHICAN___35_KV_115KV_LD 80490	58.33 3.76 0.00	53.92 3.08 0.00	48.39 2.77 0.00	49.56 2.91 0.00	56.32 3.26 0.00	55.42 3.08 0.00	54.53 2.80 0.00	49.14 2.31 0.00	27.65 1.21 0.00	33.55 1.44 0.00	35.86 1.24 0.00	37.50 1.05 0.00	34.79 0.76 0.00	42.44 0.82 0.07	43.65 0.99 0.05	48.70 1.24 0.10	48.54 1.44 0.00	46.99 1.95 0.00	53.93 2.81 0.00	56.96 2.85 0.00	53.30 3.13 0.00	55.52 3.10 0.00	41.08 2.18 0.00	32.10 1.75 0.00
MONGAUP___HYD 23641	58.07 3.50 0.00	53.58 2.74 0.00	48.03 2.41 0.00	49.07 2.43 0.00	55.52 2.45 0.00	54.60 2.26 0.00	53.73 1.99 0.00	48.56 1.73 0.00	-6.64 0.95 34.02	21.63 1.04 11.52	35.90 1.58 0.30	38.10 1.65 0.00	34.55 1.37 0.86	44.08 1.79 -0.59	45.03 1.97 -0.36	50.60 2.25 -0.79	49.51 2.41 0.00	47.70 2.66 0.00	54.20 3.07 0.00	57.12 3.01 0.00	52.96 2.79 0.00	54.89 2.47 0.00	40.76 1.86 0.00	30.52 1.49 1.32
MONTAUK___DIESEL 23721	59.17 4.60 0.00	54.41 3.57 0.00	48.88 3.27 0.01	49.68 3.03 0.00	56.22 3.15 0.00	55.08 2.74 0.00	54.34 2.61 0.00	49.76 2.93 0.00	67.95 1.94 -39.58	50.68 2.77 -15.80	44.17 4.15 -5.40	40.89 4.43 0.00	64.82 4.33 -26.46	67.11 5.99 -19.41	51.28 6.19 -2.38	56.68 7.00 -2.12	53.39 6.30 0.00	51.02 5.99 0.00	57.91 6.79 0.00	59.68 5.56 0.00	54.93 4.77 0.00	57.36 4.95 0.00	43.29 4.39 0.00	35.46 3.57 -1.54
MOONROAD_115KV_HARTFLD_TB1-2 355988	53.58 -0.99 0.00	49.83 -1.01 0.00	44.72 -0.90 0.00	45.58 -1.06 0.00	52.30 -0.77 0.00	51.73 -0.61 0.00	50.41 -1.32 0.00	45.33 -1.50 0.00	25.73 -0.70 0.00	31.43 -0.68 0.00	34.16 -0.46 0.00	36.49 0.03 0.00	34.16 0.13 0.00	41.90 0.20 0.00	42.69 -0.02 0.00	47.66 0.10 0.00	47.62 0.52 0.00	45.42 0.38 0.00	51.28 0.16 0.00	53.69 -0.42 0.00	49.33 -0.84 0.00	50.58 -1.84 0.00	37.30 -1.58 0.02	29.21 -1.14 0.00

MORRIS RIDGE___SOLAR 323848	52.18 -2.39 0.00	48.72 -2.13 -0.01	43.95 -1.67 0.00	44.84 -1.80 0.00	51.34 -1.73 0.00	50.80 -1.55 0.00	49.93 -1.81 0.00	44.37 -2.46 0.00	24.80 -1.64 0.00	30.30 -1.81 0.00	32.88 -1.75 0.00	34.89 -1.57 0.00	32.62 -1.42 0.00	39.99 -1.71 0.00	40.74 -1.97 0.00	45.68 -1.88 0.00	45.62 -1.47 0.00	43.54 -1.49 0.00	49.43 -1.70 0.00	52.43 -1.69 0.00	48.62 -1.55 0.00	50.15 -2.27 0.00	37.04 -1.85 0.01	29.03 -1.32 0.00
MORTIMER_115KV_TB3 55949	53.51 -1.07 0.00	49.84 -1.00 0.00	44.64 -0.98 0.00	45.42 -1.23 0.00	51.86 -1.21 0.00	51.32 -1.02 0.00	50.43 -1.30 0.00	45.15 -1.68 0.00	25.39 -1.05 0.00	30.98 -1.13 0.00	33.48 -1.14 0.00	35.44 -1.02 0.00	33.17 -0.86 0.00	40.56 -1.14 0.00	41.40 -1.32 0.00	46.41 -1.15 0.00	46.41 -0.68 0.00	44.30 -0.74 0.00	50.23 -0.89 0.00	52.92 -1.19 0.00	48.82 -1.34 0.00	50.43 -1.99 0.00	37.24 -1.66 0.00	29.11 -1.24 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	58.11 3.54 0.00	53.55 2.72 0.00	48.11 2.49 0.00	49.17 2.52 0.00	55.33 2.26 0.00	54.38 2.03 0.00	53.54 1.81 0.00	48.74 1.91 0.00	67.55 1.43 -39.69	47.44 1.89 -13.44	37.62 2.65 -0.35	39.36 2.90 0.00	37.86 2.82 -1.00	46.89 3.62 -1.58	47.54 3.86 -0.97	53.88 4.22 -2.10	51.24 4.14 0.00	49.11 4.08 0.00	55.24 4.11 0.00	57.51 3.40 0.00	53.17 3.00 0.00	55.04 2.62 0.00	41.18 2.27 0.00	33.82 1.93 -1.54
MUNSVILLE_WIND_PWR 323609	56.30 1.73 0.00	52.18 1.33 -0.02	46.96 1.34 0.00	47.74 1.09 0.00	54.65 1.58 0.00	54.75 2.41 0.00	54.36 2.63 0.00	49.16 2.33 0.00	27.65 1.22 0.00	33.52 1.40 0.00	36.28 1.66 0.00	38.10 1.64 0.00	35.57 1.54 0.00	43.95 2.25 0.00	44.98 2.27 0.00	50.25 2.69 0.00	50.08 2.98 0.00	48.34 3.30 0.00	55.31 4.19 0.00	58.83 4.71 0.00	54.44 4.27 0.00	56.44 4.02 0.00	41.56 2.66 0.00	32.33 1.98 0.00
N SALMON___HYD 24042	54.15 -0.43 0.00	50.68 -0.16 0.00	45.39 -0.22 0.00	46.42 -0.23 0.00	53.20 0.13 0.00	52.72 0.38 0.00	52.64 0.91 0.00	47.71 0.88 0.00	26.78 0.34 0.00	32.34 0.23 0.00	34.65 0.03 0.00	36.62 0.16 0.00	34.27 0.24 0.00	41.87 0.17 0.00	42.75 0.04 0.00	47.47 -0.09 0.00	47.05 -0.04 0.00	44.81 -0.23 0.00	51.06 -0.07 0.00	54.68 0.56 0.00	50.91 0.74 0.00	53.81 1.39 0.00	40.06 1.16 0.00	31.09 0.74 0.00
N.AKRON__115KV_KNAPP 355671	52.70 -1.87 0.00	49.16 -1.67 0.00	44.03 -1.59 0.00	44.67 -1.98 0.00	51.14 -1.93 0.00	50.74 -1.61 0.00	49.64 -2.09 0.00	44.13 -2.71 0.00	24.72 -1.71 0.00	30.21 -1.91 0.00	32.61 -2.01 0.00	35.11 -1.35 0.00	32.54 -1.49 0.00	39.58 -2.12 0.00	40.31 -2.40 0.00	45.34 -2.22 0.00	45.37 -1.73 0.00	43.06 -1.98 0.00	48.79 -2.34 0.00	51.37 -2.74 0.00	47.45 -2.72 0.00	48.83 -3.59 0.00	36.02 -2.87 0.02	28.20 -2.15 0.00
N.E_GEN_SANDY PD 24062	68.18 2.60 -11.00	54.92 2.18 -1.91	59.63 2.06 -11.95	59.21 2.16 -10.40	55.33 2.27 0.00	56.56 2.11 -2.10	57.46 1.82 -3.91	55.08 1.57 -6.68	35.74 0.94 -8.36	37.08 1.29 -3.67	35.68 1.35 0.29	37.70 1.24 0.00	35.24 1.10 -0.11	42.93 1.38 0.15	44.15 1.53 0.09	48.94 1.57 0.19	48.44 1.56 0.22	46.91 1.77 -0.10	52.30 1.91 0.74	55.26 1.50 0.35	52.83 1.58 -1.08	57.59 1.43 -3.74	37.19 1.20 2.92	32.86 1.07 -1.43
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	57.77 3.20 0.00	53.26 2.42 0.00	47.79 2.17 0.00	48.85 2.21 0.00	55.10 2.03 0.00	54.13 1.79 0.00	53.26 1.52 0.00	48.38 1.55 0.00	-29.10 1.18 56.71	14.50 1.60 19.21	36.39 2.27 0.50	38.98 2.52 0.00	35.04 2.44 1.43	45.87 3.14 -1.02	46.69 3.35 -0.63	52.62 3.69 -1.37	50.77 3.67 0.00	48.72 3.68 0.00	54.90 3.77 0.00	57.27 3.15 0.00	52.88 2.72 0.00	54.72 2.31 0.00	40.77 1.87 0.00	29.80 1.66 2.20
N.QUEENS_27_KV_LOAD 356247	58.15 3.57 -0.01	53.62 2.78 -0.01	48.23 2.61 0.00	49.19 2.55 0.00	55.43 2.36 0.00	54.39 2.05 0.00	53.57 1.84 0.00	48.92 2.09 0.00	67.69 1.53 -39.73	47.59 2.02 -13.46	37.76 2.79 -0.35	39.38 2.92 0.00	38.02 2.99 -1.00	47.01 3.74 -1.57	47.75 4.07 -0.97	54.05 4.39 -2.10	51.42 4.32 0.00	49.17 4.13 0.00	55.28 4.15 0.00	57.69 3.57 0.00	53.31 3.14 0.00	55.15 2.73 0.00	41.37 2.47 0.00	33.98 2.09 -1.54
N.TROY___115KV_TB1 355778	57.06 2.49 0.00	52.98 2.15 0.00	47.63 2.01 0.00	48.78 2.13 0.00	55.41 2.34 0.00	54.56 2.22 0.00	53.67 1.95 0.00	48.43 1.60 0.00	27.33 0.89 0.00	33.29 1.18 0.00	35.69 1.07 0.00	37.36 0.90 0.00	34.75 0.72 0.00	42.47 0.85 0.08	43.63 0.97 0.05	48.45 1.01 0.11	48.14 1.04 0.00	46.36 1.32 0.00	52.77 1.64 0.00	55.56 1.44 0.00	51.74 1.58 0.00	53.89 1.48 0.00	40.06 1.15 0.00	31.38 1.03 0.00
NARROWS_GT1_1 24228	57.89 3.33 0.01	53.33 2.50 0.01	47.93 2.31 0.01	49.00 2.36 0.00	55.11 2.05 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.59 1.43 -39.72	47.49 1.93 -13.46	37.75 2.78 -0.35	39.46 3.00 0.00	38.05 3.01 -1.00	47.05 3.78 -1.57	47.82 4.14 -0.97	54.12 4.46 -2.10	51.46 4.36 0.00	49.28 4.24 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.33 2.43 0.00	33.97 2.08 -1.54
NARROWS_GT1_2 24229	57.89 3.33 0.01	53.33 2.50 0.01	47.93 2.31 0.01	49.00 2.36 0.00	55.11 2.05 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.59 1.43 -39.72	47.49 1.93 -13.46	37.75 2.78 -0.35	39.46 3.00 0.00	38.05 3.01 -1.00	47.05 3.78 -1.57	47.82 4.14 -0.97	54.12 4.46 -2.10	51.46 4.36 0.00	49.28 4.24 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.33 2.43 0.00	33.97 2.08 -1.54
NARROWS_GT1_3 24230	57.89 3.33 0.01	53.33 2.50 0.01	47.93 2.31 0.01	49.00 2.36 0.00	55.11 2.05 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.59 1.43 -39.72	47.49 1.93 -13.46	37.75 2.78 -0.35	39.46 3.00 0.00	38.05 3.01 -1.00	47.05 3.78 -1.57	47.82 4.14 -0.97	54.12 4.46 -2.10	51.46 4.36 0.00	49.28 4.24 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.33 2.43 0.00	33.97 2.08 -1.54
NARROWS_GT1_4 24231	57.89 3.33 0.01	53.33 2.50 0.01	47.93 2.31 0.01	49.00 2.36 0.00	55.11 2.05 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.59 1.43 -39.72	47.49 1.93 -13.46	37.75 2.78 -0.35	39.46 3.00 0.00	38.05 3.01 -1.00	47.05 3.78 -1.57	47.82 4.14 -0.97	54.12 4.46 -2.10	51.46 4.36 0.00	49.28 4.24 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.33 2.43 0.00	33.97 2.08 -1.54
NARROWS_GT1_5 24232	57.89 3.33 0.01	53.33 2.50 0.01	47.93 2.31 0.01	49.00 2.36 0.00	55.11 2.05 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.59 1.43 -39.72	47.49 1.93 -13.46	37.75 2.78 -0.35	39.46 3.00 0.00	38.05 3.01 -1.00	47.05 3.78 -1.57	47.82 4.14 -0.97	54.12 4.46 -2.10	51.46 4.36 0.00	49.28 4.24 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.33 2.43 0.00	33.97 2.08 -1.54

NARROWS_GT1_6 24233	57.89 3.33 0.01	53.33 2.50 0.01	47.93 2.31 0.01	49.00 2.36 0.00	55.11 2.05 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.59 1.43 -39.72	47.49 1.93 -13.46	37.75 2.78 -0.35	39.46 3.00 0.00	38.05 3.01 -1.00	47.05 3.78 -1.57	47.82 4.14 -0.97	54.12 4.46 -2.10	51.46 4.36 0.00	49.28 4.24 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.33 2.43 0.00	33.97 2.08 -1.54
NARROWS_GT1_7 24234	57.89 3.33 0.01	53.33 2.50 0.01	47.93 2.31 0.01	49.00 2.36 0.00	55.11 2.05 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.59 1.43 -39.72	47.49 1.93 -13.46	37.75 2.78 -0.35	39.46 3.00 0.00	38.05 3.01 -1.00	47.05 3.78 -1.57	47.82 4.14 -0.97	54.12 4.46 -2.10	51.46 4.36 0.00	49.28 4.24 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.33 2.43 0.00	33.97 2.08 -1.54
NARROWS_GT1_8 24235	57.89 3.33 0.01	53.33 2.50 0.01	47.93 2.31 0.01	49.00 2.36 0.00	55.11 2.05 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.59 1.43 -39.72	47.49 1.93 -13.46	37.75 2.78 -0.35	39.46 3.00 0.00	38.05 3.01 -1.00	47.05 3.78 -1.57	47.82 4.14 -0.97	54.12 4.46 -2.10	51.46 4.36 0.00	49.28 4.24 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.33 2.43 0.00	33.97 2.08 -1.54
NARROWS_GT2_1 24236	57.89 3.33 0.01	53.33 2.50 0.01	47.93 2.31 0.01	49.00 2.36 0.00	55.11 2.05 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.59 1.43 -39.72	47.49 1.93 -13.46	37.75 2.78 -0.35	39.46 3.00 0.00	38.05 3.01 -1.00	47.05 3.78 -1.57	47.82 4.14 -0.97	54.12 4.46 -2.10	51.46 4.36 0.00	49.28 4.24 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.33 2.43 0.00	33.97 2.08 -1.54
NARROWS_GT2_2 24237	57.89 3.33 0.01	53.33 2.50 0.01	47.93 2.31 0.01	49.00 2.36 0.00	55.11 2.05 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.59 1.43 -39.72	47.49 1.93 -13.46	37.75 2.78 -0.35	39.46 3.00 0.00	38.05 3.01 -1.00	47.05 3.78 -1.57	47.82 4.14 -0.97	54.12 4.46 -2.10	51.46 4.36 0.00	49.28 4.24 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.33 2.43 0.00	33.97 2.08 -1.54
NARROWS_GT2_3 24238	57.89 3.33 0.01	53.33 2.50 0.01	47.93 2.31 0.01	49.00 2.36 0.00	55.11 2.05 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.59 1.43 -39.72	47.49 1.93 -13.46	37.75 2.78 -0.35	39.46 3.00 0.00	38.05 3.01 -1.00	47.05 3.78 -1.57	47.82 4.14 -0.97	54.12 4.46 -2.10	51.46 4.36 0.00	49.28 4.24 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.33 2.43 0.00	33.97 2.08 -1.54
NARROWS_GT2_4 24239	57.89 3.33 0.01	53.33 2.50 0.01	47.93 2.31 0.01	49.00 2.36 0.00	55.11 2.05 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.59 1.43 -39.72	47.49 1.93 -13.46	37.75 2.78 -0.35	39.46 3.00 0.00	38.05 3.01 -1.00	47.05 3.78 -1.57	47.82 4.14 -0.97	54.12 4.46 -2.10	51.46 4.36 0.00	49.28 4.24 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.33 2.43 0.00	33.97 2.08 -1.54
NARROWS_GT2_5 24240	57.89 3.33 0.01	53.33 2.50 0.01	47.93 2.31 0.01	49.00 2.36 0.00	55.11 2.05 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.59 1.43 -39.72	47.49 1.93 -13.46	37.75 2.78 -0.35	39.46 3.00 0.00	38.05 3.01 -1.00	47.05 3.78 -1.57	47.82 4.14 -0.97	54.12 4.46 -2.10	51.46 4.36 0.00	49.28 4.24 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.33 2.43 0.00	33.97 2.08 -1.54
NARROWS_GT2_6 24241	57.89 3.33 0.01	53.33 2.50 0.01	47.93 2.31 0.01	49.00 2.36 0.00	55.11 2.05 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.59 1.43 -39.72	47.49 1.93 -13.46	37.75 2.78 -0.35	39.46 3.00 0.00	38.05 3.01 -1.00	47.05 3.78 -1.57	47.82 4.14 -0.97	54.12 4.46 -2.10	51.46 4.36 0.00	49.28 4.24 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.33 2.43 0.00	33.97 2.08 -1.54
NARROWS_GT2_7 24242	57.89 3.33 0.01	53.33 2.50 0.01	47.93 2.31 0.01	49.00 2.36 0.00	55.11 2.05 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.59 1.43 -39.72	47.49 1.93 -13.46	37.75 2.78 -0.35	39.46 3.00 0.00	38.05 3.01 -1.00	47.05 3.78 -1.57	47.82 4.14 -0.97	54.12 4.46 -2.10	51.46 4.36 0.00	49.28 4.24 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.33 2.43 0.00	33.97 2.08 -1.54
NARROWS_GT2_8 24243	57.89 3.33 0.01	53.33 2.50 0.01	47.93 2.31 0.01	49.00 2.36 0.00	55.11 2.05 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.59 1.43 -39.72	47.49 1.93 -13.46	37.75 2.78 -0.35	39.46 3.00 0.00	38.05 3.01 -1.00	47.05 3.78 -1.57	47.82 4.14 -0.97	54.12 4.46 -2.10	51.46 4.36 0.00	49.28 4.24 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.33 2.43 0.00	33.97 2.08 -1.54
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	57.18 2.61 0.00	53.26 2.43 0.00	47.98 2.36 0.00	49.17 2.52 0.00	55.87 2.81 0.00	55.06 2.71 0.00	54.13 2.40 0.00	48.75 1.92 0.00	27.45 1.02 0.00	33.44 1.33 0.00	35.53 0.91 0.00	36.92 0.46 0.00	-50.18 0.14 84.35	-48.47 0.17 90.34	38.81 0.12 4.02	47.54 0.06 0.07	47.39 0.29 0.00	45.72 0.69 0.00	52.23 1.10 0.00	55.29 1.17 0.00	51.49 1.32 0.00	53.59 1.17 0.00	39.83 0.92 0.00	31.26 0.91 0.00
NCHELSEA_115KV_TR2 355582	58.34 3.76 0.00	53.86 3.02 0.00	48.34 2.72 0.00	49.40 2.75 0.00	55.82 2.75 0.00	54.88 2.53 0.00	53.99 2.25 0.00	48.97 2.14 0.00	27.88 1.45 0.00	34.01 1.89 0.00	37.00 2.37 0.00	38.99 2.53 0.00	36.44 2.40 0.00	44.78 3.08 0.00	46.05 3.34 0.00	51.26 3.70 0.00	50.80 3.70 0.00	48.83 3.80 0.00	55.16 4.03 0.00	57.62 3.51 0.00	53.25 3.08 0.00	55.17 2.75 0.00	41.06 2.15 0.00	32.10 1.75 0.00
NEG CAPITAL____MECHNVIL 23645	57.96 3.39 0.00	53.73 2.89 0.00	48.24 2.62 0.00	49.37 2.73 0.00	56.12 3.05 0.00	55.25 2.90 0.00	54.37 2.63 0.00	49.02 2.19 0.00	27.64 1.21 0.00	33.66 1.55 0.00	36.10 1.48 0.00	37.80 1.35 0.00	35.12 1.09 0.00	42.93 1.31 0.08	44.11 1.45 0.05	49.06 1.61 0.10	48.83 1.74 0.00	47.11 2.07 0.00	53.81 2.68 0.00	56.74 2.62 0.00	52.82 2.65 0.00	54.95 2.54 0.00	40.77 1.86 0.00	31.86 1.50 0.00
NEG CENTRAL_HIGH_ACRES 23767	53.15 -1.42 0.00	49.45 -1.39 -0.01	44.30 -1.31 0.00	45.12 -1.52 0.00	51.49 -1.58 0.00	50.95 -1.39 0.00	50.11 -1.62 0.00	44.97 -1.86 0.00	25.30 -1.14 0.00	30.83 -1.28 0.00	33.26 -1.36 0.00	35.15 -1.31 0.00	32.90 -1.13 0.00	40.29 -1.41 0.00	41.12 -1.59 0.00	46.04 -1.52 0.00	46.01 -1.08 0.00	43.99 -1.05 0.00	49.95 -1.17 0.00	52.65 -1.47 0.00	48.60 -1.57 0.00	50.24 -2.18 0.00	37.09 -1.81 0.00	28.96 -1.39 0.00

NEG CENTRAL___DRP 24199	54.33 -0.24 0.00	50.54 -0.32 -0.03	45.43 -0.20 0.00	46.34 -0.31 0.00	52.67 -0.40 0.00	52.14 -0.20 0.00	51.37 -0.36 0.00	46.29 -0.54 0.00	26.06 -0.37 0.00	31.65 -0.46 0.00	34.12 -0.50 0.00	35.98 -0.48 0.00	33.60 -0.43 0.00	41.25 -0.46 0.00	42.21 -0.50 0.00	47.15 -0.41 0.00	46.96 -0.14 0.00	45.06 0.03 0.00	51.29 0.16 0.00	54.19 0.07 0.00	50.24 0.07 0.00	52.00 -0.41 0.00	38.51 -0.39 0.00	30.04 -0.30 0.00
NEG CENTRAL___INDECK 23768	53.47 -1.10 0.00	49.65 -1.18 0.00	44.58 -1.03 0.00	45.38 -1.26 0.00	51.92 -1.15 0.00	51.41 -0.93 0.00	50.72 -1.01 0.00	45.13 -1.71 0.00	25.05 -1.38 0.00	30.51 -1.60 0.00	33.02 -1.60 0.00	34.98 -1.48 0.00	32.67 -1.36 0.00	40.00 -1.70 0.00	40.76 -1.95 0.00	45.75 -1.80 0.00	45.76 -1.33 0.00	43.72 -1.32 0.00	49.68 -1.44 0.00	53.02 -1.10 0.00	49.43 -0.74 0.00	51.14 -1.27 0.00	37.66 -1.24 0.01	30.03 -0.33 0.00
NEG CENTRAL___SENECA 23627	54.33 -0.24 0.00	50.52 -0.33 -0.02	45.47 -0.15 0.00	46.37 -0.27 0.00	52.73 -0.33 0.00	52.25 -0.09 0.00	51.42 -0.31 0.00	46.28 -0.55 0.00	26.05 -0.39 0.00	31.66 -0.45 0.00	34.15 -0.47 0.00	36.04 -0.41 0.00	33.68 -0.35 0.00	41.32 -0.38 0.00	42.22 -0.48 0.00	47.22 -0.34 0.00	47.08 -0.02 0.00	45.19 0.15 0.00	51.45 0.32 0.00	54.32 0.21 0.00	50.33 0.16 0.00	52.00 -0.42 0.00	38.51 -0.39 0.00	30.05 -0.30 0.00
NEG CENTRAL___STATE_STREET 24147	54.75 0.18 0.00	50.91 0.03 -0.04	45.78 0.17 0.00	46.73 0.08 0.00	53.01 -0.05 0.00	52.48 0.14 0.00	51.80 0.07 0.00	46.74 -0.09 0.00	26.33 -0.10 0.00	31.86 -0.25 0.00	34.30 -0.32 0.00	36.16 -0.30 0.00	33.72 -0.31 0.00	41.42 -0.28 0.00	42.54 -0.17 0.00	47.52 -0.04 0.00	47.27 0.17 0.00	45.35 0.31 0.00	51.58 0.46 0.00	54.40 0.28 0.00	50.56 0.39 0.00	52.53 0.12 0.00	38.85 -0.06 0.00	30.33 -0.02 0.00
NEG MILLWOOD___DRP 24198	58.49 3.92 0.00	53.96 3.12 0.00	48.42 2.80 0.00	49.46 2.81 0.00	55.87 2.80 0.00	54.93 2.59 0.00	54.04 2.31 0.00	49.05 2.22 -10.29	38.24 1.52 -3.47	37.57 1.99 0.00	37.24 2.53 -0.09	39.18 2.72 0.00	36.89 2.60 -0.26	44.86 3.30 0.14	46.20 3.58 0.09	51.34 3.97 0.19	51.04 3.95 0.00	49.02 3.98 0.00	55.31 4.19 0.00	57.74 3.62 0.00	53.35 3.18 0.00	55.25 2.84 0.00	41.16 2.26 0.00	32.58 1.83 -0.40
NEG NORTH_FLCN_SEA 23793	53.94 -0.63 0.00	50.43 -0.41 0.00	45.27 -0.35 0.00	46.36 -0.29 0.00	53.02 -0.06 0.00	52.51 0.17 0.00	52.41 0.68 0.00	47.48 0.65 0.00	26.55 0.11 0.00	32.05 -0.06 0.00	34.30 -0.32 0.00	36.21 -0.25 0.00	33.91 -0.12 0.00	41.51 -0.20 0.00	42.52 -0.19 0.00	47.30 -0.26 0.00	46.91 -0.19 0.00	44.66 -0.37 0.00	50.84 -0.28 0.00	54.14 0.02 0.00	50.34 0.17 0.00	53.21 0.79 0.00	39.81 0.91 0.00	31.08 0.73 0.00
NEG NORTH_KES_CHATEGAY 23792	53.44 -1.13 0.00	50.01 -0.83 0.00	44.82 -0.80 0.00	45.88 -0.77 0.00	52.54 -0.53 0.00	52.11 -0.23 0.00	52.01 0.28 0.00	47.11 0.28 0.00	26.45 0.02 0.00	32.01 -0.10 0.00	34.35 -0.27 0.00	36.31 -0.15 0.00	33.99 -0.04 0.00	41.58 -0.12 0.00	42.52 -0.19 0.00	47.28 -0.28 0.00	46.83 -0.27 0.00	44.54 -0.50 0.00	50.69 -0.44 0.00	54.11 0.00 0.00	50.32 0.15 0.00	53.10 0.68 0.00	39.52 0.62 0.00	30.75 0.40 0.00
NEG NORTH___ALICE_FALLS 23915	54.15 -0.42 0.00	50.62 -0.21 0.00	45.42 -0.20 0.00	46.49 -0.15 0.00	53.17 0.10 0.00	52.68 0.33 0.00	52.59 0.86 0.00	47.62 0.79 0.00	26.65 0.21 0.00	32.20 0.08 0.00	34.49 -0.13 0.00	36.43 -0.03 0.00	34.10 0.07 0.00	41.75 0.05 0.00	42.74 0.03 0.00	47.54 -0.02 0.00	47.16 0.06 0.00	44.93 -0.10 0.00	51.14 0.02 0.00	54.58 0.47 0.00	50.76 0.60 0.00	53.60 1.18 0.00	40.00 1.09 0.00	31.17 0.82 0.00
NEG NORTH___LWR_SARANAC 23913	54.15 -0.42 0.00	50.62 -0.21 0.00	45.42 -0.20 0.00	46.49 -0.15 0.00	53.17 0.10 0.00	52.68 0.33 0.00	52.59 0.86 0.00	47.62 0.79 0.00	26.65 0.21 0.00	32.20 0.08 0.00	34.49 -0.13 0.00	36.43 -0.03 0.00	34.10 0.07 0.00	41.75 0.05 0.00	42.74 0.03 0.00	47.54 -0.02 0.00	47.16 0.06 0.00	44.93 -0.10 0.00	51.14 0.02 0.00	54.58 0.47 0.00	50.76 0.60 0.00	53.60 1.18 0.00	40.00 1.09 0.00	31.17 0.82 0.00
NEG NORTH___PLATTSBURG 23628	54.15 -0.42 0.00	50.62 -0.21 0.00	45.42 -0.20 0.00	46.49 -0.15 0.00	53.17 0.10 0.00	52.68 0.34 0.00	52.59 0.86 0.00	47.62 0.80 0.00	26.65 0.21 0.00	32.20 0.08 0.00	34.49 -0.13 0.00	36.43 -0.03 0.00	34.10 0.07 0.00	41.75 0.05 0.00	42.74 0.03 0.00	47.54 -0.02 0.00	47.16 0.06 0.00	44.93 -0.10 0.00	51.14 0.02 0.00	54.58 0.47 0.00	50.77 0.60 0.00	53.60 1.18 0.00	40.00 1.09 0.00	31.17 0.82 0.00
NEG WEST_LEA_LOCKPORT 23791	51.55 -3.02 0.00	48.19 -2.65 0.00	43.19 -2.43 0.00	43.82 -2.82 0.00	50.18 -2.89 0.00	49.79 -2.56 0.00	48.67 -3.06 0.00	43.21 -3.62 0.00	24.23 -2.20 0.00	29.67 -2.44 0.00	32.06 -2.56 0.00	34.21 -2.25 0.00	31.99 -2.04 0.00	38.94 -2.76 0.00	39.59 -3.12 0.00	44.48 -3.08 0.00	44.56 -2.54 0.00	42.28 -2.76 0.00	47.82 -3.31 0.00	50.17 -3.94 0.00	46.28 -3.89 0.00	47.59 -4.83 0.00	35.15 -3.73 0.02	27.59 -2.76 0.00
NEG WEST___LANCASTR 23811	52.11 -2.46 0.00	48.62 -2.22 0.00	43.62 -2.00 0.00	44.36 -2.28 0.00	50.77 -2.30 0.00	50.25 -2.10 0.00	49.24 -2.49 0.00	43.92 -2.91 0.00	24.75 -1.68 0.00	30.29 -1.82 0.00	32.86 -1.76 0.00	34.96 -1.50 0.00	32.72 -1.31 0.00	39.98 -1.72 0.00	40.73 -1.98 0.00	45.73 -1.82 0.00	45.76 -1.33 0.00	43.56 -1.47 0.00	49.22 -1.90 0.00	51.61 -2.51 0.00	47.49 -2.68 0.00	48.89 -3.53 0.00	36.13 -2.76 0.02	28.31 -2.04 0.00
NEG_PENN_ALLEGHNY 23528	54.65 0.08 0.00	50.78 -0.07 -0.02	45.62 0.00 0.00	46.65 0.00 0.00	53.15 0.08 0.00	52.41 0.06 0.00	51.57 -0.17 0.00	46.46 -0.37 0.00	26.31 -0.13 0.00	32.02 -0.09 0.00	34.71 0.09 0.00	36.65 0.19 0.00	34.23 0.20 0.00	42.08 0.38 0.00	43.07 0.36 0.00	48.07 0.50 0.00	47.73 0.63 0.00	45.76 0.73 0.00	51.90 0.78 0.00	54.64 0.52 0.00	50.44 0.28 0.00	52.31 -0.11 0.00	38.77 -0.13 0.00	30.31 -0.05 0.00
NEG___GEN_MONROE 24207	53.82 -0.76 0.00	50.12 -0.72 0.00	44.86 -0.76 0.00	45.62 -1.03 0.00	52.11 -0.96 0.00	51.60 -0.75 0.00	50.68 -1.05 0.00	45.31 -1.52 0.00	25.43 -1.01 0.00	31.01 -1.11 0.00	33.47 -1.15 0.00	35.49 -0.97 0.00	33.20 -0.83 0.00	40.55 -1.15 0.00	41.38 -1.33 0.00	46.42 -1.14 0.00	46.46 -0.64 0.00	44.33 -0.70 0.00	50.31 -0.81 0.00	53.07 -1.05 0.00	49.02 -1.15 0.00	50.61 -1.81 0.00	37.34 -1.57 0.00	29.18 -1.17 0.00
NEPA___ENERGY 23901	52.55 -2.03 0.00	48.94 -1.90 0.00	43.97 -1.65 0.00	44.90 -1.75 0.00	51.35 -1.71 0.00	50.69 -1.65 0.00	49.60 -2.14 0.00	44.28 -2.55 0.00	25.09 -1.34 0.00	30.62 -1.49 0.00	33.47 -1.15 0.00	35.70 -0.76 0.00	33.46 -0.57 0.00	41.05 -0.65 0.00	41.82 -0.89 0.00	46.95 -0.61 0.00	46.84 -0.26 0.00	44.68 -0.35 0.00	50.43 -0.69 0.00	52.72 -1.39 0.00	48.36 -1.80 0.00	49.76 -2.66 0.00	36.74 -2.14 0.02	28.83 -1.53 0.00

NEVERSINK___HYD 23608	56.71 2.14 0.00	52.30 1.46 0.00	46.86 1.24 0.00	47.87 1.22 0.00	54.12 1.05 0.00	53.22 0.87 0.00	52.33 0.60 0.00	47.44 0.61 0.00	16.49 0.56 10.50	29.32 0.76 3.55	35.75 1.22 0.09	37.77 1.32 0.00	28.69 1.31 6.66	36.79 1.77 6.68	44.50 1.99 0.20	50.08 2.30 -0.22	49.46 2.36 0.00	47.66 2.63 0.00	54.04 2.92 0.00	56.69 2.57 0.00	52.32 2.16 0.00	54.09 1.67 0.00	40.14 1.24 0.00	30.91 0.97 0.40
NEWKRMKL_115KV_TB1 55635	56.08 1.51 0.00	52.19 1.35 0.00	47.01 1.39 0.00	48.16 1.51 0.00	54.70 1.63 0.00	53.84 1.50 0.00	52.96 1.23 0.00	47.81 0.98 0.00	27.03 0.60 0.00	32.94 0.83 0.00	35.25 0.63 0.00	36.89 0.43 0.00	34.32 0.28 0.00	41.89 0.27 0.08	43.05 0.39 0.05	47.78 0.33 0.11	47.42 0.33 0.00	45.61 0.57 0.00	51.79 0.66 0.00	54.47 0.35 0.00	50.61 0.45 0.00	52.66 0.24 0.00	39.28 0.37 0.00	30.96 0.61 0.00
NEWTON___FALLS_HYD 23847	54.66 0.09 0.00	51.32 0.46 -0.02	45.88 0.26 0.00	46.94 0.29 0.00	53.93 0.87 0.00	53.27 0.92 0.00	52.90 1.17 0.00	47.86 1.03 0.00	26.79 0.36 0.00	32.32 0.20 0.00	34.50 -0.12 0.00	36.38 -0.08 0.00	34.04 0.01 0.00	41.50 -0.21 0.00	42.27 -0.44 0.00	46.82 -0.74 0.00	46.48 -0.62 0.00	44.47 -0.56 0.00	50.81 -0.31 0.00	54.60 0.48 0.00	51.17 1.00 0.00	54.24 1.82 0.00	40.38 1.47 0.00	31.30 0.95 0.00
NGRID_A1_DSASP 323792	51.08 -3.49 0.00	47.76 -3.08 0.00	42.81 -2.81 0.00	43.42 -3.23 0.00	49.73 -3.34 0.00	49.35 -2.99 0.00	48.23 -3.50 0.00	42.79 -4.04 0.00	23.99 -2.44 0.00	29.41 -2.70 0.00	31.77 -2.86 0.00	33.84 -2.62 0.00	31.70 -2.33 0.00	38.60 -3.10 0.00	39.17 -3.54 0.00	44.09 -3.47 0.00	44.24 -2.86 0.00	41.95 -3.09 0.00	47.40 -3.73 0.00	49.66 -4.46 0.00	45.77 -4.40 0.00	47.07 -5.35 0.00	34.79 -4.09 0.02	27.36 -2.99 0.00
NGRID_A2_DSASP 323793	51.08 -3.49 0.00	47.76 -3.08 0.00	42.81 -2.81 0.00	43.42 -3.23 0.00	49.73 -3.34 0.00	49.35 -2.99 0.00	48.23 -3.50 0.00	42.79 -4.04 0.00	23.99 -2.44 0.00	29.41 -2.70 0.00	31.77 -2.86 0.00	33.84 -2.62 0.00	31.70 -2.33 0.00	38.60 -3.10 0.00	39.17 -3.54 0.00	44.09 -3.47 0.00	44.24 -2.86 0.00	41.95 -3.09 0.00	47.40 -3.73 0.00	49.66 -4.46 0.00	45.77 -4.40 0.00	47.07 -5.35 0.00	34.79 -4.09 0.02	27.36 -2.99 0.00
NGRID_A4_DSASP 323807	51.08 -3.49 0.00	47.76 -3.08 0.00	42.81 -2.81 0.00	43.42 -3.23 0.00	49.73 -3.34 0.00	49.35 -2.99 0.00	48.23 -3.50 0.00	42.79 -4.04 0.00	23.99 -2.44 0.00	29.41 -2.70 0.00	31.77 -2.86 0.00	33.84 -2.62 0.00	31.70 -2.33 0.00	38.60 -3.10 0.00	39.17 -3.54 0.00	44.09 -3.47 0.00	44.24 -2.86 0.00	41.95 -3.09 0.00	47.40 -3.73 0.00	49.66 -4.46 0.00	45.77 -4.40 0.00	47.07 -5.35 0.00	34.79 -4.09 0.02	27.36 -2.99 0.00
NIAGARA_115E_LBMP 323715	51.19 -3.38 0.00	47.83 -3.00 0.00	42.86 -2.75 0.00	43.47 -3.17 0.00	49.80 -3.27 0.00	49.43 -2.91 0.00	48.29 -3.44 0.00	42.88 -3.95 0.00	24.07 -2.36 0.00	29.48 -2.64 0.00	31.83 -2.79 0.00	33.93 -2.53 0.00	31.78 -2.25 0.00	38.66 -3.04 0.00	39.23 -3.48 0.00	44.06 -3.50 0.00	44.11 -2.99 0.00	41.81 -3.22 0.00	47.26 -3.87 0.00	49.53 -4.59 0.00	45.66 -4.51 0.00	46.93 -5.49 0.00	34.67 -4.21 0.02	27.27 -3.08 0.00
NIAGARA_115W_LBMP 323714	50.99 -3.58 0.00	47.67 -3.17 0.00	42.73 -2.89 0.00	43.34 -3.31 0.00	49.65 -3.42 0.00	49.26 -3.09 0.00	48.13 -3.60 0.00	42.71 -4.12 0.00	23.95 -2.48 0.00	29.36 -2.76 0.00	31.71 -2.92 0.00	33.77 -2.69 0.00	31.65 -2.39 0.00	38.52 -3.18 0.00	39.09 -3.62 0.00	44.00 -3.56 0.00	44.15 -2.95 0.00	41.87 -3.17 0.00	47.31 -3.81 0.00	49.56 -4.56 0.00	45.68 -4.49 0.00	46.98 -5.43 0.00	34.73 -4.15 0.02	27.31 -3.05 0.00
NIAGARA_230_LBMP 323716	51.40 -3.17 0.00	48.05 -2.79 0.00	43.08 -2.53 0.00	43.72 -2.93 0.00	50.06 -3.00 0.00	49.66 -2.69 0.00	48.56 -3.18 0.00	43.11 -3.72 0.00	24.19 -2.24 0.00	29.64 -2.47 0.00	32.03 -2.59 0.00	34.10 -2.36 0.00	31.94 -2.09 0.00	38.92 -2.78 0.00	39.53 -3.18 0.00	44.46 -3.10 0.00	44.61 -2.49 0.00	42.33 -2.70 0.00	47.81 -3.31 0.00	50.10 -4.01 0.00	46.17 -4.00 0.00	47.49 -4.92 0.00	35.10 -3.78 0.03	27.59 -2.76 0.00
NIAGARA___115KV_198_GIBSON 55903	50.98 -3.60 0.00	47.66 -3.17 0.00	42.73 -2.89 0.00	43.33 -3.32 0.00	49.64 -3.43 0.00	49.26 -3.09 0.00	48.13 -3.60 0.00	42.71 -4.12 0.00	23.94 -2.49 0.00	29.33 -2.78 0.00	31.70 -2.92 0.00	33.76 -2.70 0.00	31.63 -2.40 0.00	38.48 -3.22 0.00	39.10 -3.61 0.00	43.99 -3.57 0.00	44.15 -2.95 0.00	41.86 -3.18 0.00	47.31 -3.82 0.00	49.56 -4.56 0.00	45.69 -4.48 0.00	46.98 -5.43 0.00	34.73 -4.15 0.02	27.28 -3.07 0.00
NIAGARA____ 23760	51.40 -3.17 0.00	48.05 -2.79 0.00	43.08 -2.53 0.00	43.72 -2.93 0.00	50.06 -3.00 0.00	49.66 -2.69 0.00	48.56 -3.18 0.00	43.11 -3.72 0.00	24.19 -2.24 0.00	29.64 -2.47 0.00	32.03 -2.59 0.00	34.10 -2.36 0.00	31.94 -2.09 0.00	38.92 -2.78 0.00	39.53 -3.18 0.00	44.46 -3.10 0.00	44.61 -2.49 0.00	42.33 -2.70 0.00	47.81 -3.31 0.00	50.10 -4.01 0.00	46.17 -4.00 0.00	47.49 -4.92 0.00	35.10 -3.78 0.02	27.59 -2.76 0.00
NINE_MILE_1 23575	52.81 -1.76 0.00	48.90 -1.68 0.26	44.12 -1.50 0.00	45.06 -1.59 0.00	51.30 -1.77 0.00	50.63 -1.72 0.00	49.93 -1.80 0.00	45.10 -1.73 0.00	25.43 -1.00 0.00	30.94 -1.18 0.00	33.37 -1.25 0.00	35.15 -1.31 0.00	32.81 -1.23 0.00	40.23 -1.47 0.00	41.19 -1.52 0.00	45.92 -1.63 0.00	45.59 -1.51 0.00	43.65 -1.38 0.00	49.58 -1.54 0.00	52.39 -1.73 0.00	48.53 -1.64 0.00	50.53 -1.88 0.00	37.47 -1.44 0.00	29.25 -1.10 0.00
NINE_MILE_2 23744	52.81 -1.76 0.00	48.90 -1.67 0.27	44.12 -1.50 0.00	45.06 -1.59 0.00	51.31 -1.76 0.00	50.63 -1.72 0.00	49.93 -1.80 0.00	45.10 -1.73 0.00	25.44 -1.00 0.00	30.94 -1.18 0.00	33.37 -1.25 0.00	35.15 -1.31 0.00	32.81 -1.23 0.00	40.23 -1.47 0.00	41.19 -1.52 0.00	45.92 -1.63 0.00	45.60 -1.50 0.00	43.65 -1.38 0.00	49.58 -1.54 0.00	52.39 -1.72 0.00	48.53 -1.63 0.00	50.54 -1.88 0.00	37.48 -1.43 0.00	29.26 -1.10 0.00
NM_CAPITAL___DRP 24208	56.20 1.63 0.00	52.29 1.46 0.00	47.10 1.48 0.00	48.25 1.61 0.00	54.80 1.74 0.00	53.94 1.60 0.00	53.06 1.33 0.00	47.90 1.07 0.00	27.08 0.65 0.00	33.00 0.89 0.00	35.31 0.68 0.00	36.95 0.49 0.00	34.38 0.34 0.00	41.99 0.36 0.08	43.14 0.48 0.05	47.87 0.42 0.11	47.52 0.42 0.00	45.70 0.66 0.00	51.87 0.74 0.00	54.54 0.42 0.00	50.72 0.55 0.00	52.78 0.36 0.00	39.35 0.44 0.00	31.00 0.65 0.00
NM_CENTRAL___DRP 24181	53.87 -0.71 0.00	50.12 -0.74 -0.03	44.92 -0.70 0.00	45.85 -0.80 0.00	52.20 -0.87 0.00	51.51 -0.83 0.00	50.78 -0.96 0.00	45.87 -0.96 0.00	25.87 -0.56 0.00	31.49 -0.63 0.00	33.99 -0.63 0.00	35.81 -0.65 0.00	33.40 -0.63 0.00	41.01 -0.69 0.00	42.00 -0.71 0.00	46.87 -0.69 0.00	46.57 -0.53 0.00	44.63 -0.41 0.00	50.70 -0.42 0.00	53.54 -0.58 0.00	49.55 -0.62 0.00	51.50 -0.92 0.00	38.13 -0.77 0.00	29.75 -0.60 0.00

NM_FRONTIER___DRP 24179	50.98 -3.60 0.00	47.66 -3.17 0.00	42.73 -2.89 0.00	43.33 -3.32 0.00	49.64 -3.43 0.00	49.26 -3.09 0.00	48.13 -3.60 0.00	42.71 -4.12 0.00	23.94 -2.49 0.00	29.33 -2.78 0.00	31.70 -2.92 0.00	33.76 -2.70 0.00	31.63 -2.40 0.00	38.48 -3.22 0.00	39.10 -3.61 0.00	43.99 -3.57 0.00	44.15 -2.95 0.00	41.86 -3.18 0.00	47.31 -3.82 0.00	49.56 -4.56 0.00	45.69 -4.48 0.00	46.98 -5.43 0.00	34.73 -4.15 0.02	27.28 -3.07 0.00
NM_ST_REGIS___HYD 24053	54.26 -0.32 0.00	50.89 0.05 -0.01	45.55 -0.06 0.00	46.55 -0.10 0.00	53.43 0.36 0.00	52.86 0.51 0.00	52.72 0.99 0.00	47.77 0.94 0.00	26.75 0.32 0.00	32.30 0.18 0.00	34.51 -0.11 0.00	36.47 0.01 0.00	34.12 0.09 0.00	41.53 -0.17 0.00	42.26 -0.45 0.00	46.74 -0.81 0.00	46.31 -0.79 0.00	44.11 -0.93 0.00	50.28 -0.85 0.00	54.00 -0.11 0.00	50.48 0.32 0.00	53.65 1.24 0.00	40.09 1.18 0.00	31.05 0.70 0.00
NORTHPORT___1 23551	58.13 3.56 0.00	53.49 2.65 0.00	47.95 2.33 0.01	48.82 2.17 0.00	54.89 1.82 0.00	53.89 1.55 0.00	53.03 1.30 0.00	48.39 1.56 0.00	67.24 1.23 -39.58	49.75 1.84 -15.80	42.96 2.94 -5.40	39.52 3.07 0.00	63.44 2.95 -26.45	65.06 3.94 -19.41	49.25 4.16 -2.38	54.05 4.37 -2.12	50.28 3.18 0.00	48.01 2.97 0.00	54.43 3.31 0.00	56.28 2.18 0.01	52.05 1.88 0.00	54.14 1.72 0.00	41.20 2.30 0.00	33.81 1.93 -1.54
NORTHPORT___2 23552	58.13 3.56 0.00	53.49 2.65 0.00	47.95 2.33 0.01	48.82 2.17 0.00	54.89 1.82 0.00	53.89 1.55 0.00	53.03 1.30 0.00	48.39 1.56 0.00	67.24 1.23 -39.58	49.75 1.84 -15.80	42.96 2.94 -5.40	39.52 3.07 0.00	63.44 2.95 -26.45	65.06 3.94 -19.41	49.25 4.16 -2.38	54.05 4.37 -2.12	50.28 3.18 0.00	48.01 2.97 0.00	54.43 3.31 0.00	56.28 2.18 0.01	52.05 1.88 0.00	54.14 1.72 0.00	41.20 2.30 0.00	33.81 1.93 -1.54
NORTHPORT___3 23553	57.98 3.41 0.00	53.38 2.54 0.00	47.81 2.19 0.01	48.71 2.06 0.00	54.76 1.70 0.00	53.76 1.42 0.00	52.88 1.15 0.00	48.27 1.44 0.00	67.20 1.19 -39.58	49.67 1.76 -15.80	42.92 2.90 -5.40	39.48 3.03 0.00	63.40 2.92 -26.45	65.05 3.93 -19.41	49.19 4.11 -2.38	53.97 4.29 -2.12	50.13 3.03 0.00	47.85 2.81 0.00	54.19 3.06 0.00	56.09 1.98 0.00	51.90 1.74 0.00	54.05 1.63 0.00	41.01 2.11 0.00	33.78 1.89 -1.54
NORTHPORT___4 23650	57.98 3.41 0.00	53.38 2.54 0.00	47.81 2.19 0.01	48.71 2.06 0.00	54.76 1.70 0.00	53.76 1.42 0.00	52.88 1.15 0.00	48.27 1.44 0.00	67.20 1.19 -39.58	49.67 1.76 -15.80	42.92 2.90 -5.40	39.48 3.03 0.00	63.40 2.92 -26.45	65.05 3.93 -19.41	49.19 4.11 -2.38	53.97 4.29 -2.12	50.13 3.03 0.00	47.85 2.81 0.00	54.19 3.06 0.00	56.09 1.98 0.00	51.90 1.74 0.00	54.05 1.63 0.00	41.01 2.11 0.00	33.78 1.89 -1.54
NORTHPORT___IC 23718	58.13 3.56 0.00	53.49 2.65 0.00	47.95 2.33 0.01	48.82 2.17 0.00	54.89 1.82 0.00	53.89 1.54 0.00	53.03 1.30 0.00	48.39 1.56 0.00	67.25 1.23 -39.58	49.74 1.83 -15.80	42.96 2.94 -5.40	39.53 3.07 0.00	63.44 2.95 -26.45	65.05 3.94 -19.41	49.24 4.16 -2.38	54.05 4.37 -2.12	50.28 3.18 0.00	48.01 2.97 0.00	54.44 3.31 0.00	56.29 2.18 0.01	52.05 1.88 0.00	54.14 1.72 0.00	41.19 2.29 0.00	33.82 1.93 -1.54
NORTH___COUNTRY_ESR 323785	53.26 -1.31 0.00	49.86 -0.97 0.00	44.68 -0.93 0.00	45.78 -0.87 0.00	52.42 -0.65 0.00	51.96 -0.38 0.00	51.91 0.18 0.00	47.10 0.27 0.00	26.45 0.02 0.00	32.01 -0.10 0.00	34.35 -0.27 0.00	36.30 -0.15 0.00	33.99 -0.04 0.00	41.58 -0.12 0.00	42.51 -0.20 0.00	47.28 -0.28 0.00	46.83 -0.27 0.00	44.54 -0.50 0.00	50.68 -0.44 0.00	54.10 -0.01 0.00	50.21 0.04 0.00	52.95 0.54 0.00	39.42 0.52 0.00	30.68 0.33 0.00
NPX_GEN_1385_PROXY 323591	58.09 3.51 0.00	53.62 2.78 0.00	48.55 2.94 0.01	49.64 2.99 0.00	55.74 2.67 0.00	54.57 2.22 0.00	53.82 2.09 0.00	49.05 2.22 0.00	67.59 1.57 -39.58	50.10 2.19 -15.80	-1.49 2.31 38.43	1.46 2.40 37.40	39.66 2.33 -3.30	41.72 3.19 3.17	48.61 3.53 -2.38	53.49 3.82 -2.12	50.32 3.22 0.00	48.33 3.30 0.00	55.11 3.99 0.00	56.64 2.53 0.01	52.35 2.18 0.00	66.61 1.74 -12.45	37.55 2.59 3.95	35.76 1.88 -3.52
NPX_GEN_CSC 323557	58.41 3.84 0.00	53.58 2.75 0.00	47.89 2.28 0.01	48.69 2.04 0.00	54.73 1.67 0.00	53.70 1.36 0.00	52.88 1.15 0.00	48.33 1.50 0.00	67.20 1.19 -39.58	49.70 1.79 -15.80	43.01 2.99 -5.40	39.56 3.10 0.00	63.43 2.93 -26.46	65.22 4.10 -19.41	49.28 4.20 -2.38	54.09 4.42 -2.12	50.66 3.57 0.00	48.59 3.56 0.00	55.19 4.07 0.00	57.12 3.01 0.00	52.63 2.47 0.00	67.06 2.19 -12.45	37.34 2.39 3.95	35.77 1.90 -3.52
NSINS_S_GLNS_FALLS 23858	58.22 3.65 0.00	53.83 3.00 0.00	48.31 2.69 0.00	49.46 2.82 0.00	56.20 3.14 0.00	55.31 2.97 0.00	54.44 2.71 0.00	49.07 2.24 0.00	27.60 1.17 0.00	33.51 1.40 0.00	35.81 1.19 0.00	37.46 1.00 0.00	34.75 0.72 0.00	42.39 0.77 0.07	43.60 0.94 0.05	48.64 1.18 0.10	48.49 1.39 0.00	46.93 1.90 0.00	53.88 2.75 0.00	56.91 2.79 0.00	53.22 3.05 0.00	55.43 3.01 0.00	41.00 2.10 0.00	32.04 1.69 0.00
NUCOR_STEEL___DRP 24197	54.70 0.12 0.00	50.88 -0.01 -0.05	45.74 0.12 0.00	46.70 0.05 0.00	52.96 -0.11 0.00	52.44 0.09 0.00	51.78 0.05 0.00	46.72 -0.11 0.00	26.31 -0.12 0.00	31.84 -0.27 0.00	34.28 -0.34 0.00	36.14 -0.32 0.00	33.70 -0.33 0.00	41.38 -0.32 0.00	42.54 -0.17 0.00	47.51 -0.05 0.00	47.25 0.15 0.00	45.33 0.29 0.00	51.55 0.42 0.00	54.33 0.21 0.00	50.50 0.33 0.00	52.49 0.07 0.00	38.82 -0.09 0.00	30.31 -0.04 0.00
NUMBER_THREE_WT_PWR 323818	55.08 0.51 0.00	51.81 0.95 -0.02	46.19 0.58 0.00	47.40 0.75 0.00	54.51 1.44 0.00	53.81 1.46 0.00	53.21 1.48 0.00	48.15 1.31 0.00	26.98 0.54 0.00	32.56 0.44 0.00	34.77 0.15 0.00	36.62 0.16 0.00	34.28 0.25 0.00	41.95 0.25 0.00	42.82 0.11 0.00	47.54 -0.02 0.00	47.26 0.16 0.00	45.43 0.39 0.00	52.00 0.87 0.00	55.75 1.64 0.00	52.21 2.05 0.00	54.97 2.55 0.00	40.74 1.84 0.00	31.63 1.28 0.00
NYISO_LBMP_REFERENCE 24008	54.57 0.00 0.00	50.84 0.00 0.00	45.62 0.00 0.00	46.65 0.00 0.00	53.07 0.00 0.00	52.34 0.00 0.00	51.73 0.00 0.00	46.83 0.00 0.00	26.43 0.00 0.00	32.11 0.00 0.00	34.62 0.00 0.00	36.46 0.00 0.00	34.03 0.00 0.00	41.70 0.00 0.00	42.71 0.00 0.00	47.56 0.00 0.00	47.10 0.00 0.00	45.03 0.00 0.00	51.13 0.00 0.00	54.12 0.00 0.00	50.17 0.00 0.00	52.42 0.00 0.00	38.90 0.00 0.00	30.35 0.00 0.00
NYPA_BRENTWD____GT 24164	59.26 4.69 0.00	54.42 3.58 0.00	48.71 3.10 0.01	49.56 2.91 0.00	55.73 2.66 0.00	54.71 2.36 0.00	53.83 2.09 0.00	49.14 2.32 0.00	67.69 1.68 -39.58	50.28 2.37 -15.80	43.56 3.54 -5.40	40.15 3.69 0.00	64.03 3.53 -26.46	65.72 4.61 -19.41	49.93 4.84 -2.38	54.84 5.17 -2.12	51.32 4.22 0.00	49.12 4.08 0.00	55.70 4.57 0.00	57.66 3.54 -0.01	53.20 3.04 0.00	55.22 2.80 0.00	41.83 2.93 0.00	34.24 2.36 -1.54

NYPA_GOWANUS____GT5 24156	57.89 3.33 0.01	53.33 2.50 0.01	47.93 2.31 0.01	49.00 2.36 0.00	55.11 2.05 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.59 1.43 -39.72	47.49 1.93 -13.46	37.75 2.78 -0.35	39.46 3.00 0.00	38.05 3.01 -1.00	47.05 3.78 -1.57	47.82 4.14 -0.97	54.12 4.46 -2.10	51.45 4.35 0.00	49.27 4.24 0.00	55.30 4.18 0.00	57.61 3.50 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.33 2.43 0.00	33.97 2.08 -1.54
NYPA_GOWANUS____GT6 24157	57.89 3.33 0.01	53.33 2.50 0.01	47.93 2.31 0.01	49.00 2.36 0.00	55.11 2.05 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.59 1.43 -39.72	47.49 1.93 -13.46	37.75 2.78 -0.35	39.46 3.00 0.00	38.05 3.01 -1.00	47.05 3.78 -1.57	47.82 4.14 -0.97	54.12 4.46 -2.10	51.45 4.35 0.00	49.27 4.24 0.00	55.30 4.18 0.00	57.61 3.50 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.33 2.43 0.00	33.97 2.08 -1.54
NYPA_HARLEM__RVR__GT1 24160	57.94 3.36 0.00	53.43 2.59 -0.01	48.07 2.45 0.01	49.05 2.40 0.00	55.25 2.19 0.00	54.25 1.91 0.00	53.45 1.71 0.00	48.78 1.94 0.00	67.61 1.45 -39.73	47.48 1.91 -13.46	37.65 2.68 -0.35	39.27 2.81 0.00	37.91 2.87 -1.00	46.88 3.60 -1.57	47.62 3.94 -0.97	53.90 4.24 -2.10	51.27 4.17 0.00	49.01 3.97 0.00	55.09 3.96 0.00	57.50 3.38 0.00	53.15 2.98 0.00	54.99 2.58 0.00	41.26 2.36 0.00	33.90 2.01 -1.54
NYPA_HARLEM__RVR__GT2 24161	57.94 3.36 0.00	53.43 2.59 -0.01	48.07 2.45 0.01	49.05 2.40 0.00	55.25 2.19 0.00	54.25 1.91 0.00	53.45 1.71 0.00	48.78 1.94 0.00	67.61 1.45 -39.73	47.48 1.91 -13.46	37.65 2.68 -0.35	39.27 2.81 0.00	37.91 2.87 -1.00	46.88 3.60 -1.57	47.62 3.94 -0.97	53.90 4.24 -2.10	51.27 4.17 0.00	49.01 3.97 0.00	55.09 3.96 0.00	57.50 3.38 0.00	53.15 2.98 0.00	54.99 2.58 0.00	41.26 2.36 0.00	33.90 2.01 -1.54
NYPA_KENT____GT 24152	56.82 3.26 1.01	53.08 2.45 0.21	47.91 2.30 0.01	48.97 2.33 0.00	55.08 2.01 0.00	54.08 1.74 0.00	53.32 1.59 0.00	48.63 1.80 0.00	67.57 1.41 -39.72	47.45 1.88 -13.46	37.69 2.72 -0.35	39.39 2.94 0.00	37.97 2.93 -1.00	46.97 3.70 -1.57	47.73 4.06 -0.97	54.04 4.38 -2.10	51.36 4.27 0.00	49.18 4.15 0.00	55.20 4.07 0.00	57.50 3.39 0.00	53.21 3.04 0.00	55.02 2.60 0.00	41.26 2.36 0.00	33.93 2.04 -1.54
NYPA_POUCH1____GT 24155	57.74 3.17 0.01	53.19 2.36 0.01	47.78 2.16 0.01	48.88 2.24 0.00	54.97 1.90 0.00	53.98 1.64 0.00	53.28 1.55 0.00	48.57 1.74 0.00	67.55 1.40 -39.72	47.43 1.86 -13.46	37.66 2.69 -0.35	39.39 2.93 0.00	38.00 2.97 -1.00	46.99 3.71 -1.57	47.77 4.09 -0.97	54.04 4.37 -2.10	51.40 4.31 0.00	49.24 4.20 0.00	55.28 4.16 0.00	57.59 3.48 0.00	53.24 3.07 0.00	55.07 2.65 0.00	41.28 2.38 0.00	33.93 2.04 -1.54
NYPA_VERNON____GT2 24162	55.75 3.19 2.01	52.83 2.40 0.40	47.89 2.27 0.01	48.93 2.28 0.00	55.04 1.98 0.00	54.07 1.73 0.00	53.26 1.53 0.00	48.61 1.78 0.00	67.54 1.38 -39.72	47.41 1.84 -13.46	37.64 2.66 -0.35	39.33 2.87 0.00	37.90 2.87 -1.00	46.89 3.62 -1.57	47.65 3.97 -0.97	53.96 4.30 -2.10	51.32 4.22 0.00	49.12 4.09 0.00	55.12 4.00 0.00	57.42 3.31 0.00	53.11 2.94 0.00	54.94 2.53 0.00	41.19 2.29 0.00	33.89 2.00 -1.54
NYPA_VERNON____GT3 24163	55.75 3.19 2.01	52.83 2.40 0.40	47.89 2.27 0.01	48.93 2.28 0.00	55.04 1.98 0.00	54.07 1.73 0.00	53.26 1.53 0.00	48.61 1.78 0.00	67.54 1.38 -39.72	47.41 1.84 -13.46	37.64 2.66 -0.35	39.33 2.87 0.00	37.90 2.87 -1.00	46.89 3.62 -1.57	47.65 3.97 -0.97	53.96 4.30 -2.10	51.32 4.22 0.00	49.12 4.09 0.00	55.12 4.00 0.00	57.42 3.31 0.00	53.11 2.94 0.00	54.94 2.53 0.00	41.19 2.29 0.00	33.89 2.00 -1.54
NYPA____ASTORIA_CC1 323568	55.16 3.03 2.44	52.62 2.27 0.49	47.79 2.17 0.01	48.82 2.18 0.00	54.92 1.85 0.00	53.94 1.59 0.00	53.15 1.42 0.00	48.51 1.68 0.00	67.48 1.32 -39.72	47.33 1.76 -13.46	37.57 2.60 -0.35	39.25 2.79 0.00	37.83 2.80 -1.00	46.78 3.50 -1.57	47.54 3.86 -0.97	53.83 4.17 -2.10	51.20 4.10 0.00	49.00 3.96 0.00	54.98 3.85 0.00	57.30 3.19 0.00	52.99 2.83 0.00	54.83 2.41 0.00	41.12 2.22 0.00	33.84 1.95 -1.54
NYPA____ASTORIA_CC2 323569	55.16 3.03 2.44	52.62 2.27 0.49	47.79 2.17 0.01	48.82 2.18 0.00	54.92 1.85 0.00	53.94 1.59 0.00	53.15 1.42 0.00	48.51 1.68 0.00	67.48 1.32 -39.72	47.33 1.76 -13.46	37.57 2.60 -0.35	39.25 2.79 0.00	37.83 2.80 -1.00	46.78 3.50 -1.57	47.54 3.86 -0.97	53.83 4.17 -2.10	51.20 4.10 0.00	49.00 3.96 0.00	54.98 3.85 0.00	57.30 3.19 0.00	52.99 2.83 0.00	54.83 2.41 0.00	41.12 2.22 0.00	33.84 1.95 -1.54
NYPA____HOLTSVILL 23794	58.59 4.01 0.00	53.80 2.96 0.00	48.15 2.53 0.01	48.98 2.33 0.00	55.05 1.99 0.00	54.05 1.70 0.00	53.19 1.46 0.00	48.57 1.74 0.00	67.34 1.33 -39.58	49.88 1.96 -15.80	43.16 3.14 -5.40	39.71 3.26 0.00	63.57 3.08 -26.46	65.32 4.21 -19.41	49.43 4.34 -2.38	54.22 4.55 -2.12	50.72 3.62 0.00	48.58 3.54 0.00	55.12 4.00 0.00	57.09 2.97 0.00	52.65 2.48 0.00	54.64 2.22 0.00	41.37 2.47 0.00	33.90 2.01 -1.54
NYPA____HELLGATE_GT1 24158	57.94 3.36 0.00	53.43 2.59 -0.01	48.07 2.45 0.01	49.05 2.40 0.00	55.25 2.19 0.00	54.25 1.91 0.00	53.45 1.71 0.00	48.78 1.94 0.00	67.61 1.45 -39.73	47.48 1.91 -13.46	37.65 2.68 -0.35	39.27 2.81 0.00	37.91 2.87 -1.00	46.88 3.60 -1.57	47.62 3.94 -0.97	53.90 4.24 -2.10	51.27 4.17 0.00	49.01 3.97 0.00	55.09 3.96 0.00	57.50 3.38 0.00	53.15 2.98 0.00	54.99 2.58 0.00	41.26 2.36 0.00	33.90 2.01 -1.54
NYPA____HELLGATE_GT2 24159	57.94 3.36 0.00	53.43 2.59 -0.01	48.07 2.45 0.01	49.05 2.40 0.00	55.25 2.19 0.00	54.25 1.91 0.00	53.45 1.71 0.00	48.78 1.94 0.00	67.61 1.45 -39.73	47.48 1.91 -13.46	37.65 2.68 -0.35	39.27 2.81 0.00	37.91 2.87 -1.00	46.88 3.60 -1.57	47.62 3.94 -0.97	53.90 4.24 -2.10	51.27 4.17 0.00	49.01 3.97 0.00	55.09 3.96 0.00	57.50 3.38 0.00	53.15 2.98 0.00	54.99 2.58 0.00	41.26 2.36 0.00	33.90 2.01 -1.54
NYS_BARGE__HYD 23848	51.75 -2.82 0.00	48.35 -2.48 0.00	43.31 -2.30 0.00	43.93 -2.72 0.00	50.32 -2.75 0.00	49.94 -2.41 0.00	48.81 -2.92 0.00	43.35 -3.48 0.00	24.31 -2.12 0.00	29.77 -2.34 0.00	32.16 -2.46 0.00	34.32 -2.14 0.00	32.09 -1.94 0.00	39.07 -2.63 0.00	39.67 -3.04 0.00	44.58 -2.97 0.00	44.65 -2.45 0.00	42.37 -2.67 0.00	47.91 -3.21 0.00	50.29 -3.82 0.00	46.38 -3.79 0.00	47.71 -4.70 0.00	35.23 -3.66 0.02	27.67 -2.68 0.00
OAK_ORCHARD__HYD 24046	53.51 -1.06 0.00	49.84 -1.00 0.00	44.64 -0.98 0.00	45.42 -1.23 0.00	51.86 -1.21 0.00	51.32 -1.02 0.00	50.43 -1.30 0.00	45.15 -1.68 0.00	25.39 -1.04 0.00	31.01 -1.11 0.00	33.48 -1.14 0.00	35.44 -1.02 0.00	33.18 -0.86 0.00	40.59 -1.12 0.00	41.40 -1.32 0.00	46.41 -1.15 0.00	46.41 -0.69 0.00	44.30 -0.74 0.00	50.23 -0.89 0.00	52.92 -1.19 0.00	48.82 -1.35 0.00	50.43 -1.98 0.00	37.25 -1.66 0.00	29.12 -1.23 0.00

OAKDALE___35_KV_LOAD 356122	54.40 -0.17 0.00	50.55 -0.30 -0.02	45.43 -0.19 0.00	46.46 -0.18 0.00	52.95 -0.12 0.00	52.21 -0.14 0.00	51.36 -0.37 0.00	46.26 -0.57 0.00	26.20 -0.23 0.00	31.89 -0.22 0.00	34.58 -0.04 0.00	36.50 0.04 0.00	34.10 0.07 0.00	41.90 0.20 0.00	42.88 0.18 0.00	47.87 0.31 0.00	47.49 0.39 0.00	45.52 0.48 0.00	51.62 0.50 0.00	54.34 0.22 0.00	50.18 0.02 0.00	52.06 -0.36 0.00	38.61 -0.29 0.00	30.18 -0.17 0.00
OCC_CHEM___DRP 24175	51.08 -3.49 0.00	47.76 -3.08 0.00	42.81 -2.81 0.00	43.42 -3.23 0.00	49.73 -3.34 0.00	49.35 -2.99 0.00	48.22 -3.51 0.00	42.80 -4.03 0.00	23.98 -2.45 0.00	29.39 -2.72 0.00	31.77 -2.86 0.00	33.83 -2.63 0.00	31.70 -2.34 0.00	38.57 -3.13 0.00	39.18 -3.53 0.00	44.08 -3.48 0.00	44.24 -2.86 0.00	41.94 -3.09 0.00	47.40 -3.72 0.00	49.66 -4.45 0.00	45.77 -4.39 0.00	47.07 -5.35 0.00	34.79 -4.09 0.02	27.34 -3.01 0.00
OH_GEN_PROXY 24063	51.43 -3.14 0.00	48.07 -2.76 0.00	43.10 -2.52 0.00	43.76 -2.89 0.00	50.11 -2.96 0.00	49.68 -2.66 0.00	48.61 -3.12 0.00	43.20 -3.63 0.00	24.26 -2.17 0.00	29.71 -2.40 0.00	32.12 -2.50 0.00	34.18 -2.27 0.00	32.02 -2.01 0.00	39.04 -2.67 0.00	39.66 -3.05 0.00	44.59 -2.96 0.00	44.73 -2.36 0.00	42.47 -2.56 0.00	47.98 -3.15 0.00	50.27 -3.84 0.00	46.32 -3.85 0.00	60.11 -4.76 -12.45	31.28 -3.65 3.98	29.67 -2.67 -1.99
OLIN_CORP_DRP 24177	51.28 -3.29 0.00	47.91 -2.93 0.00	42.94 -2.67 0.00	43.55 -3.09 0.00	49.89 -3.18 0.00	49.52 -2.82 0.00	48.38 -3.35 0.00	42.97 -3.86 0.00	24.10 -2.33 0.00	29.51 -2.60 0.00	31.89 -2.73 0.00	33.99 -2.47 0.00	31.83 -2.20 0.00	38.70 -3.00 0.00	39.32 -3.39 0.00	44.15 -3.41 0.00	44.24 -2.86 0.00	41.93 -3.10 0.00	47.40 -3.73 0.00	49.67 -4.44 0.00	45.79 -4.38 0.00	47.07 -5.35 0.00	34.78 -4.10 0.02	27.32 -3.03 0.00
OLIN_CORP_DSASP 323712	51.08 -3.49 0.00	47.76 -3.08 0.00	42.81 -2.81 0.00	43.42 -3.23 0.00	49.73 -3.34 0.00	49.35 -2.99 0.00	48.23 -3.50 0.00	42.79 -4.04 0.00	23.99 -2.44 0.00	29.41 -2.70 0.00	31.77 -2.86 0.00	33.84 -2.62 0.00	31.70 -2.33 0.00	38.60 -3.10 0.00	39.17 -3.54 0.00	44.09 -3.47 0.00	44.24 -2.86 0.00	41.95 -3.09 0.00	47.40 -3.73 0.00	49.66 -4.46 0.00	45.77 -4.40 0.00	47.07 -5.35 0.00	34.79 -4.09 0.02	27.36 -2.99 0.00
ONEIDA_HERK_LFGE 323681	55.99 1.42 0.00	52.30 1.45 -0.01	46.58 0.96 0.00	47.65 1.01 0.00	54.46 1.39 0.00	53.74 1.40 0.00	53.09 1.36 0.00	48.00 1.17 0.00	26.99 0.55 0.00	32.66 0.55 0.00	35.08 0.46 0.00	36.90 0.44 0.00	34.48 0.45 0.00	42.24 0.54 0.00	43.22 0.51 0.00	48.07 0.51 0.00	47.74 0.64 0.00	45.87 0.84 0.00	52.37 1.24 0.00	55.76 1.65 0.00	51.91 1.74 0.00	54.32 1.90 0.00	40.26 1.36 0.00	31.31 0.96 0.00
ONEIDA___115KV_TB4 55905	56.04 1.47 0.00	52.14 1.29 -0.02	46.68 1.06 0.00	47.73 1.08 0.00	54.40 1.33 0.00	53.68 1.34 0.00	52.99 1.26 0.00	47.85 1.02 0.00	26.94 0.50 0.00	32.65 0.54 0.00	35.11 0.49 0.00	36.91 0.46 0.00	34.46 0.43 0.00	42.25 0.55 0.00	43.26 0.55 0.00	48.25 0.69 0.00	47.92 0.82 0.00	46.04 1.00 0.00	52.48 1.35 0.00	55.72 1.61 0.00	51.79 1.62 0.00	53.97 1.55 0.00	39.96 1.06 0.00	31.11 0.76 0.00
ONONDAGA_REF_OCCRA 23987	54.27 -0.30 0.00	50.49 -0.37 -0.03	45.23 -0.39 0.00	46.14 -0.51 0.00	52.53 -0.54 0.00	51.83 -0.51 0.00	51.11 -0.62 0.00	46.19 -0.64 0.00	26.05 -0.38 0.00	31.69 -0.42 0.00	34.21 -0.41 0.00	36.02 -0.43 0.00	33.59 -0.44 0.00	41.28 -0.42 0.00	42.28 -0.43 0.00	47.18 -0.38 0.00	46.87 -0.23 0.00	44.95 -0.08 0.00	51.08 -0.05 0.00	53.98 -0.13 0.00	49.96 -0.21 0.00	51.92 -0.49 0.00	38.45 -0.46 0.00	29.99 -0.36 0.00
ONONDAGA___COGEN 23986	54.23 -0.35 0.00	50.48 -0.40 -0.05	45.11 -0.51 0.00	45.93 -0.72 0.00	52.21 -0.86 0.00	51.56 -0.78 0.00	50.90 -0.83 0.00	46.15 -0.68 0.00	25.97 -0.46 0.00	31.60 -0.51 0.00	34.14 -0.48 0.00	35.88 -0.57 0.00	33.42 -0.61 0.00	41.21 -0.49 0.00	42.25 -0.46 0.00	47.15 -0.41 0.00	46.84 -0.25 0.00	44.92 -0.12 0.00	51.04 -0.08 0.00	53.91 -0.21 0.00	49.91 -0.26 0.00	51.89 -0.53 0.00	38.43 -0.47 0.00	29.98 -0.37 0.00
ONTARIO___LFGE 23819	54.33 -0.24 0.00	50.52 -0.33 -0.02	45.47 -0.15 0.00	46.38 -0.27 0.00	52.73 -0.34 0.00	52.25 -0.09 0.00	51.42 -0.31 0.00	46.28 -0.55 0.00	26.04 -0.39 0.00	31.66 -0.45 0.00	34.15 -0.47 0.00	36.04 -0.41 0.00	33.68 -0.35 0.00	41.33 -0.37 0.00	42.23 -0.48 0.00	47.22 -0.34 0.00	47.08 -0.02 0.00	45.18 0.15 0.00	51.45 0.32 0.00	54.32 0.20 0.00	50.34 0.17 0.00	52.01 -0.41 0.00	38.51 -0.39 0.00	30.05 -0.30 0.00
ORANGEVILLE_WT_PWR 323706	51.95 -2.62 0.00	48.56 -2.27 0.00	43.75 -1.87 0.00	44.58 -2.07 0.00	51.04 -2.03 0.00	50.53 -1.81 0.00	49.58 -2.15 0.00	44.07 -2.76 0.00	24.67 -1.76 0.00	30.19 -1.92 0.00	32.72 -1.90 0.00	34.80 -1.66 0.00	32.56 -1.47 0.00	39.86 -1.84 0.00	40.57 -2.14 0.00	45.54 -2.02 0.00	45.55 -1.55 0.00	43.39 -1.65 0.00	49.18 -1.95 0.00	51.90 -2.21 0.00	47.99 -2.18 0.00	49.41 -3.01 0.00	36.47 -2.42 0.02	28.59 -1.77 0.00
ORANGEVILLE___ESR 323794	51.95 -2.62 0.00	48.56 -2.27 0.00	43.75 -1.87 0.00	44.58 -2.07 0.00	51.04 -2.03 0.00	50.53 -1.81 0.00	49.58 -2.15 0.00	44.07 -2.76 0.00	24.67 -1.76 0.00	30.19 -1.92 0.00	32.72 -1.90 0.00	34.80 -1.66 0.00	32.56 -1.47 0.00	39.86 -1.84 0.00	40.57 -2.14 0.00	45.54 -2.02 0.00	45.55 -1.55 0.00	43.39 -1.65 0.00	49.18 -1.95 0.00	51.90 -2.21 0.00	47.99 -2.18 0.00	49.41 -3.01 0.00	36.47 -2.42 0.02	28.59 -1.77 0.00
OSWEGATCHIE___HYD 24044	54.66 0.09 0.00	51.32 0.46 -0.02	45.88 0.26 0.00	46.94 0.29 0.00	53.93 0.87 0.00	53.27 0.92 0.00	52.90 1.17 0.00	47.86 1.03 0.00	26.79 0.36 0.00	32.32 0.20 0.00	34.50 -0.12 0.00	36.38 -0.08 0.00	34.04 0.01 0.00	41.50 -0.20 0.00	42.27 -0.44 0.00	46.82 -0.74 0.00	46.48 -0.62 0.00	44.48 -0.56 0.00	50.81 -0.31 0.00	54.60 0.48 0.00	51.17 1.00 0.00	54.24 1.82 0.00	40.37 1.47 0.00	31.30 0.95 0.00
OSWEGO___5 23606	53.19 -1.38 0.00	49.74 -1.29 -0.19	44.44 -1.18 0.00	45.39 -1.25 0.00	51.67 -1.40 0.00	50.99 -1.35 0.00	50.30 -1.43 0.00	45.43 -1.40 0.00	25.62 -0.82 0.00	31.15 -0.96 0.00	33.61 -1.01 0.00	35.41 -1.05 0.00	33.05 -0.99 0.00	40.53 -1.17 0.00	41.51 -1.20 0.00	46.28 -1.28 0.00	45.94 -1.16 0.00	44.00 -1.03 0.00	49.98 -1.15 0.00	52.81 -1.31 0.00	48.92 -1.25 0.00	50.93 -1.49 0.00	37.75 -1.15 0.00	29.47 -0.87 0.00
OSWEGO___6 23613	53.19 -1.38 0.00	49.74 -1.29 -0.19	44.44 -1.18 0.00	45.39 -1.25 0.00	51.67 -1.40 0.00	50.99 -1.35 0.00	50.30 -1.43 0.00	45.43 -1.40 0.00	25.62 -0.82 0.00	31.15 -0.96 0.00	33.61 -1.01 0.00	35.41 -1.05 0.00	33.05 -0.99 0.00	40.53 -1.17 0.00	41.51 -1.20 0.00	46.28 -1.28 0.00	45.94 -1.16 0.00	44.00 -1.03 0.00	49.98 -1.15 0.00	52.81 -1.31 0.00	48.92 -1.25 0.00	50.93 -1.49 0.00	37.75 -1.15 0.00	29.47 -0.87 0.00

OUTOKUMPU-AB___DRP 24206	52.13 -2.44 0.00	48.73 -2.11 0.00	43.64 -1.98 0.00	44.29 -2.36 0.00	50.71 -2.35 0.00	50.30 -2.04 0.00	49.17 -2.56 0.00	43.71 -3.13 0.00	24.53 -1.90 0.00	30.05 -2.06 0.00	32.52 -2.10 0.00	34.65 -1.80 0.00	32.45 -1.59 0.00	39.51 -2.19 0.00	40.11 -2.60 0.00	45.04 -2.52 0.00	45.11 -1.99 0.00	42.83 -2.21 0.00	48.44 -2.68 0.00	50.79 -3.32 0.00	46.82 -3.34 0.00	48.23 -4.19 0.00	35.63 -3.25 0.02	27.95 -2.40 0.00
OXBOW___BTM 323836	51.61 -2.96 0.00	48.24 -2.59 0.00	43.21 -2.41 0.00	43.83 -2.82 0.00	50.20 -2.87 0.00	49.79 -2.55 0.00	48.68 -3.05 0.00	43.23 -3.60 0.00	24.27 -2.16 0.00	29.73 -2.38 0.00	32.15 -2.47 0.00	34.25 -2.21 0.00	32.09 -1.95 0.00	39.08 -2.62 0.00	39.65 -3.06 0.00	44.58 -2.98 0.00	44.54 -2.56 0.00	42.27 -2.77 0.00	47.79 -3.33 0.00	50.10 -4.01 0.00	46.28 -3.89 0.00	47.67 -4.75 0.00	35.22 -3.66 0.02	27.66 -2.70 0.00
OXBOW___ 24026	51.60 -2.98 0.00	48.24 -2.60 0.00	43.21 -2.41 0.00	43.83 -2.82 0.00	50.20 -2.87 0.00	49.79 -2.55 0.00	48.67 -3.06 0.00	43.23 -3.60 0.00	24.25 -2.19 0.00	29.71 -2.40 0.00	32.14 -2.48 0.00	34.24 -2.21 0.00	32.08 -1.95 0.00	39.05 -2.66 0.00	39.66 -3.05 0.00	44.58 -2.98 0.00	44.54 -2.56 0.00	42.27 -2.77 0.00	47.79 -3.33 0.00	50.10 -4.01 0.00	46.28 -3.89 0.00	47.66 -4.75 0.00	35.22 -3.67 0.02	27.64 -2.71 0.00
OXY_CHEM_DSASP 323612	51.08 -3.49 0.00	47.76 -3.08 0.00	42.81 -2.81 0.00	43.42 -3.23 0.00	49.73 -3.34 0.00	49.35 -2.99 0.00	48.22 -3.51 0.00	42.80 -4.03 0.00	23.98 -2.45 0.00	29.39 -2.72 0.00	31.77 -2.86 0.00	33.83 -2.63 0.00	31.70 -2.34 0.00	38.57 -3.13 0.00	39.18 -3.53 0.00	44.08 -3.48 0.00	44.24 -2.86 0.00	41.94 -3.09 0.00	47.40 -3.72 0.00	49.66 -4.45 0.00	45.77 -4.39 0.00	47.07 -5.35 0.00	34.79 -4.09 0.02	27.34 -3.01 0.00
OZONE_PARK_ESR 323760	58.85 4.28 0.00	54.19 3.35 0.00	48.66 3.04 0.00	49.72 3.07 0.00	55.89 2.82 0.00	54.94 2.60 0.00	54.09 2.36 0.00	49.28 2.45 0.00	67.96 1.75 -39.77	47.86 2.27 -13.47	38.04 3.06 -0.35	39.84 3.39 0.00	38.33 3.29 -1.00	47.47 4.20 -1.57	48.11 4.44 -0.97	54.54 4.88 -2.10	51.92 4.82 0.00	49.78 4.74 0.00	55.94 4.81 0.00	58.23 4.11 0.00	53.82 3.66 0.00	55.70 3.28 0.00	41.68 2.78 0.00	34.20 2.31 -1.54
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	51.08 -3.49 0.00	47.76 -3.08 0.00	42.81 -2.81 0.00	43.42 -3.23 0.00	49.73 -3.34 0.00	49.35 -2.99 0.00	48.22 -3.51 0.00	42.80 -4.03 0.00	23.98 -2.45 0.00	29.39 -2.72 0.00	31.77 -2.86 0.00	33.83 -2.63 0.00	31.70 -2.34 0.00	38.57 -3.13 0.00	39.18 -3.53 0.00	44.08 -3.48 0.00	44.24 -2.86 0.00	41.94 -3.09 0.00	47.40 -3.72 0.00	49.66 -4.45 0.00	45.77 -4.39 0.00	47.07 -5.35 0.00	34.79 -4.09 0.02	27.34 -3.01 0.00
PACKARD___115KV_DUPONT_184 80571	51.08 -3.49 0.00	47.76 -3.08 0.00	42.81 -2.81 0.00	43.42 -3.23 0.00	49.73 -3.34 0.00	49.35 -2.99 0.00	48.22 -3.51 0.00	42.80 -4.03 0.00	23.98 -2.45 0.00	29.39 -2.72 0.00	31.77 -2.86 0.00	33.83 -2.63 0.00	31.70 -2.34 0.00	38.57 -3.13 0.00	39.18 -3.53 0.00	44.08 -3.48 0.00	44.24 -2.86 0.00	41.94 -3.09 0.00	47.40 -3.72 0.00	49.66 -4.45 0.00	45.77 -4.39 0.00	47.07 -5.35 0.00	34.79 -4.09 0.02	27.34 -3.01 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	57.85 3.27 -0.01	53.33 2.48 -0.01	47.94 2.32 0.00	48.94 2.29 0.00	55.14 2.07 0.00	54.18 1.83 0.00	53.39 1.66 0.00	48.71 1.88 0.00	67.57 1.41 -39.73	47.43 1.86 -13.46	37.61 2.63 -0.35	39.23 2.78 0.00	37.87 2.83 -1.00	46.84 3.57 -1.57	47.57 3.89 -0.97	53.85 4.19 -2.10	51.22 4.12 0.00	48.98 3.95 0.00	55.05 3.93 0.00	57.47 3.36 0.00	53.14 2.97 0.00	54.98 2.56 0.00	41.20 2.30 0.00	33.85 1.96 -1.54
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	59.86 5.28 -0.01	55.18 4.33 -0.01	49.54 3.93 0.00	50.58 3.93 0.00	57.02 3.95 0.00	56.05 3.70 0.00	55.25 3.52 0.00	50.30 3.47 0.00	68.45 2.30 -39.73	48.44 2.87 -13.46	38.66 3.69 -0.35	40.27 3.81 0.00	38.84 3.80 -1.00	48.00 4.73 -1.57	48.73 5.05 -0.97	55.17 5.50 -2.10	52.56 5.46 0.00	50.24 5.20 0.00	56.45 5.32 0.00	58.94 4.83 0.00	54.49 4.32 0.00	56.36 3.94 0.00	42.33 3.43 0.00	34.68 2.78 -1.54
PATROON___115KV_TB1 80586	56.27 1.70 0.00	52.36 1.53 0.00	47.15 1.53 0.00	48.30 1.65 0.00	54.86 1.79 0.00	54.00 1.66 0.00	53.12 1.39 0.00	47.95 1.12 0.00	27.11 0.68 0.00	33.04 0.93 0.00	35.36 0.74 0.00	37.01 0.56 0.00	34.44 0.41 0.00	42.05 0.43 0.08	43.20 0.53 0.05	47.97 0.52 0.11	47.62 0.53 0.00	45.80 0.76 0.00	52.00 0.88 0.00	54.70 0.59 0.00	50.82 0.66 0.00	52.87 0.45 0.00	39.42 0.51 0.00	31.05 0.70 0.00
PATTRSNVILLE___SOLAR 323815	56.83 2.26 0.00	52.78 1.95 0.00	47.38 1.76 0.00	48.46 1.82 0.00	55.14 2.07 0.00	54.33 1.99 0.00	53.49 1.76 0.00	48.09 1.26 0.00	27.09 0.66 0.00	32.92 0.81 0.00	35.45 0.83 0.00	37.07 0.61 0.00	34.55 0.52 0.00	42.25 0.62 0.07	43.27 0.60 0.04	48.09 0.62 0.09	47.77 0.67 0.00	45.96 0.92 0.00	52.51 1.39 0.00	55.84 1.72 0.00	52.04 1.87 0.00	54.23 1.81 0.00	40.25 1.34 0.00	31.39 1.04 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	52.40 -2.17 0.00	48.88 -1.96 0.00	43.83 -1.79 0.00	44.53 -2.11 0.00	50.99 -2.08 0.00	50.49 -1.85 0.00	49.45 -2.28 0.00	44.08 -2.75 0.00	24.84 -1.60 0.00	30.41 -1.70 0.00	32.98 -1.64 0.00	35.12 -1.34 0.00	32.87 -1.16 0.00	40.15 -1.55 0.00	40.90 -1.81 0.00	45.97 -1.59 0.00	46.02 -1.07 0.00	43.80 -1.24 0.00	49.50 -1.63 0.00	51.90 -2.22 0.00	47.73 -2.43 0.00	49.08 -3.34 0.00	36.23 -2.65 0.02	28.38 -1.97 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	58.49 3.92 0.00	53.96 3.12 0.00	48.42 2.80 0.00	49.46 2.81 0.00	55.87 2.80 0.00	54.93 2.59 0.00	54.04 2.31 0.00	49.05 2.22 0.00	38.24 1.52 -10.29	37.57 1.99 -3.47	37.24 2.53 -0.09	39.18 2.72 0.00	36.89 2.60 -0.26	44.86 3.30 0.14	46.20 3.58 0.09	51.34 3.97 0.19	51.04 3.95 0.00	49.02 3.98 0.00	55.31 4.19 0.00	57.74 3.62 0.00	53.35 3.18 0.00	55.25 2.84 0.00	41.16 2.26 0.00	32.58 1.83 -0.40
PEEKSKILL___ 23653	57.79 3.22 0.00	53.30 2.46 0.00	47.86 2.24 0.00	48.92 2.27 0.00	55.16 2.09 0.00	54.21 1.87 0.00	53.33 1.60 0.00	48.46 1.63 0.00	71.35 1.21 -43.70	48.55 1.63 -14.80	37.28 2.28 -0.39	38.95 2.50 0.00	37.55 2.41 -1.10	46.08 3.09 -1.29	46.81 3.31 -0.79	52.91 3.63 -1.72	50.67 3.57 0.00	48.61 3.58 0.00	54.79 3.66 0.00	57.13 3.02 0.00	52.82 2.65 0.00	54.69 2.28 0.00	40.80 1.90 0.00	33.64 1.59 -1.70
PGE MADISON___WINDPWR 24146	56.30 1.73 0.00	52.18 1.33 -0.02	46.96 1.34 0.00	47.74 1.09 0.00	54.65 1.58 0.00	54.75 2.41 0.00	54.36 2.63 0.00	49.16 2.33 0.00	27.65 1.22 0.00	33.52 1.40 0.00	36.28 1.66 0.00	38.10 1.64 0.00	35.57 1.54 0.00	43.95 2.25 0.00	44.98 2.27 0.00	50.25 2.69 0.00	50.08 2.98 0.00	48.34 3.30 0.00	55.31 4.19 0.00	58.83 4.71 0.00	54.44 4.27 0.00	56.44 4.02 0.00	41.56 2.66 0.00	32.33 1.98 0.00

PIERCEFIELD___HYD 23852	54.29 -0.29 0.00	50.94 0.10 -0.01	45.60 -0.02 0.00	46.57 -0.08 0.00	53.48 0.41 0.00	52.87 0.53 0.00	52.70 0.97 0.00	47.77 0.94 0.00	26.73 0.30 0.00	32.27 0.16 0.00	34.46 -0.16 0.00	36.41 -0.05 0.00	34.05 0.02 0.00	41.39 -0.31 0.00	42.07 -0.64 0.00	46.48 -1.08 0.00	46.07 -1.03 0.00	43.87 -1.16 0.00	49.99 -1.13 0.00	53.71 -0.40 0.00	50.30 0.13 0.00	53.54 1.12 0.00	40.05 1.15 0.00	31.00 0.65 0.00
PINELAWN_CC_1 323563	59.01 4.44 0.00	54.25 3.41 0.00	48.56 2.95 0.00	49.44 2.80 0.00	55.58 2.51 0.00	54.57 2.23 0.00	53.69 1.96 0.00	48.99 2.16 0.00	67.61 1.60 -39.58	50.14 2.23 -15.80	43.37 3.35 -5.40	39.90 3.45 0.00	63.87 3.34 -26.50	65.55 4.44 -19.41	49.68 4.59 -2.38	54.56 4.88 -2.12	51.16 4.06 0.00	49.05 4.01 0.00	55.55 4.42 0.00	57.55 3.44 0.00	53.12 2.95 0.00	55.17 2.76 0.00	41.67 2.76 0.00	34.13 2.24 -1.54
PJM_GEN_HTTP_PROXY 323702	58.05 3.48 0.00	53.51 2.67 0.00	48.07 2.46 0.00	49.14 2.49 0.00	55.28 2.21 0.00	54.32 1.98 0.00	53.51 1.78 0.00	48.71 1.89 0.00	67.68 1.42 -39.83	47.50 1.90 -13.49	37.64 2.67 -0.35	39.42 2.96 0.00	37.78 2.87 -0.88	46.94 3.67 -1.57	47.58 3.91 -0.96	53.92 4.27 -2.09	51.29 4.19 0.00	49.15 4.11 0.00	54.50 4.11 0.74	57.50 3.39 0.00	53.15 2.98 0.00	58.75 2.59 -3.74	38.25 2.26 2.92	33.81 1.92 -1.55
PJM_GEN_KEystone 24065	54.84 0.27 0.00	50.82 -0.01 0.00	45.65 0.03 0.00	40.93 -0.01 5.70	52.88 -0.19 0.00	48.75 -0.27 3.32	51.15 -0.58 0.00	46.15 -0.68 0.00	-32.25 -0.18 58.50	6.40 -0.05 25.66	34.51 0.41 0.52	37.11 0.66 0.00	33.13 0.70 1.60	43.64 0.94 -1.00	43.99 0.93 -0.34	49.45 1.14 -0.75	48.37 1.27 0.00	46.28 1.24 0.00	51.43 1.05 0.74	54.52 0.40 0.00	50.12 0.09 0.13	55.68 -0.48 -3.74	35.66 -0.32 2.93	20.00 -0.08 10.26
PJM_GEN_NEPTUNE_PROXY 323594	58.15 3.58 0.00	53.58 2.75 0.00	48.04 2.42 0.01	48.98 2.34 0.00	55.10 2.04 0.00	54.12 1.78 0.00	53.21 1.48 0.00	48.50 1.66 0.00	67.31 1.30 -39.58	49.77 1.86 -15.80	42.85 2.83 -5.40	39.42 2.97 0.00	63.23 2.89 -26.30	64.90 3.79 -19.41	49.10 4.02 -2.38	53.93 4.25 -2.12	50.64 3.54 0.00	48.55 3.52 0.00	54.12 3.73 0.74	56.89 2.78 0.00	52.58 2.41 0.00	58.36 2.20 -3.74	38.23 2.25 2.92	33.77 1.89 -1.54
PJM_GEN_VFT_PROXY 323633	57.79 3.22 0.00	53.26 2.42 0.00	47.88 2.27 0.00	48.92 2.28 0.00	54.98 1.91 0.00	54.03 1.69 0.00	53.16 1.43 0.00	48.46 1.63 0.00	65.71 1.29 -37.99	47.30 1.72 -13.47	37.48 2.51 -0.35	39.27 2.82 0.00	37.65 2.74 -0.88	46.81 3.54 -1.57	47.45 3.78 -0.97	53.76 4.10 -2.10	51.12 4.02 0.00	49.00 3.96 0.00	54.29 3.91 0.74	57.26 3.15 0.00	52.98 2.81 0.00	58.54 2.38 -3.74	38.10 2.12 2.92	33.69 1.79 -1.54
PLATSBURG_115KV_PMLD1 355749	53.91 -0.66 0.00	50.39 -0.45 0.00	45.23 -0.39 0.00	46.33 -0.32 0.00	52.97 -0.10 0.00	52.47 0.12 0.00	52.39 0.66 0.00	47.48 0.65 0.00	26.59 0.15 0.00	32.13 0.02 0.00	34.41 -0.21 0.00	36.32 -0.14 0.00	34.02 -0.02 0.00	41.63 -0.07 0.00	42.65 -0.06 0.00	47.44 -0.12 0.00	47.06 -0.04 0.00	44.80 -0.24 0.00	50.99 -0.13 0.00	54.30 0.18 0.00	50.46 0.29 0.00	53.27 0.85 0.00	39.81 0.91 0.00	31.06 0.71 0.00
PLEASANTVLY___LBMP 24000	57.46 2.89 0.00	53.09 2.25 0.00	47.69 2.07 0.00	48.76 2.12 0.00	55.12 2.06 0.00	54.22 1.88 0.00	53.32 1.59 0.00	48.33 1.50 0.00	40.91 1.07 -13.41	38.09 1.44 -4.54	36.61 1.88 -0.12	38.42 1.96 0.00	36.24 1.87 -0.34	43.89 2.39 0.21	45.18 2.60 0.13	50.09 2.80 0.28	49.86 2.77 0.00	47.87 2.84 0.00	54.04 2.92 0.00	56.48 2.37 0.00	52.30 2.13 0.00	54.25 1.83 0.00	40.46 1.56 0.00	32.20 1.33 -0.52
PLSNTVLE_13_KV_13.8KVDIST 80602	57.87 3.30 0.00	53.40 2.57 0.00	47.96 2.34 0.00	49.01 2.37 0.00	55.33 2.27 0.00	54.39 2.05 0.00	53.53 1.79 0.00	48.60 1.77 0.00	47.65 1.27 -19.95	40.54 1.67 -6.76	37.03 2.23 -0.18	38.84 2.38 0.00	36.82 2.29 -0.50	43.65 2.94 0.99	45.24 3.14 0.61	49.68 3.45 1.33	50.51 3.41 0.00	48.46 3.42 0.00	54.63 3.50 0.00	57.02 2.91 0.00	52.76 2.59 0.00	54.67 2.26 0.00	40.80 1.89 0.00	32.72 1.59 -0.77
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	57.87 3.30 0.00	53.40 2.57 0.00	47.96 2.34 0.00	49.01 2.37 0.00	55.33 2.27 0.00	54.39 2.05 0.00	53.53 1.79 0.00	48.60 1.77 0.00	47.65 1.27 -19.95	40.54 1.67 -6.76	37.03 2.23 -0.18	38.84 2.38 0.00	36.82 2.29 -0.50	43.65 2.94 0.99	45.24 3.14 0.61	49.68 3.45 1.33	50.51 3.41 0.00	48.46 3.42 0.00	54.63 3.50 0.00	57.02 2.91 0.00	52.76 2.59 0.00	54.67 2.26 0.00	40.80 1.89 0.00	32.72 1.59 -0.77
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	58.16 3.59 0.00	53.70 2.87 0.00	48.21 2.59 0.00	49.25 2.60 0.00	55.69 2.62 0.00	54.76 2.42 0.00	53.89 2.15 0.00	48.84 2.01 0.00	27.79 1.35 0.00	33.89 1.78 0.00	36.83 2.21 0.00	38.75 2.29 0.00	36.20 2.17 0.00	44.37 2.76 0.09	45.69 3.04 0.06	50.80 3.37 0.13	50.45 3.36 0.00	48.50 3.47 0.00	54.81 3.69 0.00	57.29 3.18 0.00	52.98 2.81 0.00	54.92 2.50 0.00	40.90 1.99 0.00	31.97 1.62 0.00
POLETTI_____ 23519	57.99 3.42 0.00	53.41 2.58 0.00	48.00 2.38 0.00	49.05 2.40 0.00	55.13 2.07 0.00	54.18 1.84 0.00	53.35 1.62 0.00	48.62 1.79 0.00	67.60 1.39 -39.77	47.42 1.84 -13.47	37.62 2.65 -0.35	39.38 2.93 0.00	37.89 2.86 -1.00	46.90 3.63 -1.57	47.55 3.87 -0.97	53.88 4.22 -2.10	51.24 4.15 0.00	49.12 4.09 0.00	55.19 4.07 0.00	57.44 3.32 0.00	53.10 2.93 0.00	54.95 2.53 0.00	41.16 2.26 0.00	33.83 1.94 -1.54
POMONA___ESR 323819	57.77 3.20 0.00	53.26 2.42 0.00	47.80 2.18 0.00	48.85 2.21 0.00	55.10 2.03 0.00	54.13 1.79 0.00	53.25 1.52 0.00	48.38 1.55 0.00	-29.10 1.18 56.71	14.50 1.60 19.21	36.39 2.26 0.50	38.98 2.52 0.00	35.04 2.44 1.43	45.87 3.14 -1.02	46.69 3.35 -0.63	52.62 3.69 -1.37	50.77 3.67 0.00	48.72 3.68 0.00	54.90 3.77 0.00	57.26 3.15 0.00	52.88 2.72 0.00	54.72 2.31 0.00	40.77 1.87 0.00	29.80 1.65 2.20
PORT_JEFF_3 23555	58.68 4.11 0.00	53.89 3.05 0.00	48.20 2.58 0.01	49.01 2.37 0.00	55.09 2.02 0.00	54.08 1.74 0.00	53.24 1.51 0.00	48.62 1.79 0.00	67.35 1.34 -39.58	49.90 1.99 -15.80	43.26 3.23 -5.40	39.80 3.34 0.00	63.63 3.14 -26.46	65.40 4.29 -19.41	49.46 4.37 -2.38	54.26 4.58 -2.12	50.83 3.73 0.00	48.63 3.60 0.00	55.24 4.11 0.00	57.23 3.12 0.00	52.74 2.57 0.00	54.73 2.31 0.00	41.41 2.51 0.00	33.93 2.04 -1.54
PORT_JEFF_4 23616	58.68 4.11 0.00	53.89 3.05 0.00	48.20 2.58 0.01	49.01 2.37 0.00	55.09 2.02 0.00	54.08 1.74 0.00	53.24 1.51 0.00	48.62 1.79 0.00	67.35 1.34 -39.58	49.90 1.99 -15.80	43.26 3.23 -5.40	39.80 3.34 0.00	63.63 3.14 -26.46	65.40 4.29 -19.41	49.46 4.37 -2.38	54.26 4.58 -2.12	50.83 3.73 0.00	48.63 3.60 0.00	55.24 4.11 0.00	57.23 3.12 0.00	52.74 2.57 0.00	54.73 2.31 0.00	41.41 2.51 0.00	33.93 2.04 -1.54

PORT_JEFF_IC 23713	58.88 4.30 0.00	54.02 3.19 0.00	48.32 2.70 0.01	49.12 2.47 0.00	55.20 2.13 0.00	54.20 1.85 0.00	53.34 1.61 0.00	48.71 1.88 0.00	67.37 1.36 -39.58	49.92 2.01 -15.80	43.35 3.33 -5.40	39.90 3.45 0.00	63.73 3.24 -26.46	65.55 4.43 -19.41	49.60 4.51 -2.38	54.42 4.75 -2.12	50.96 3.87 0.00	48.61 3.58 0.00	55.31 4.19 0.00	57.40 3.28 0.00	52.89 2.72 0.00	54.85 2.43 0.00	41.50 2.60 0.00	33.99 2.10 -1.54
PPL PILGRIM_ST_GT1 24216	59.26 4.69 0.00	54.42 3.58 0.00	48.71 3.10 0.01	49.56 2.91 0.00	55.73 2.66 0.00	54.71 2.36 0.00	53.83 2.09 0.00	49.14 2.32 0.00	67.69 1.68 -39.58	50.28 2.37 -15.80	43.56 3.54 -5.40	40.15 3.69 0.00	64.03 3.53 -26.46	65.72 4.61 -19.41	49.93 4.84 -2.38	54.84 5.17 -2.12	51.32 4.22 0.00	49.12 4.08 0.00	55.70 4.57 0.00	57.66 3.54 -0.01	53.20 3.04 0.00	55.22 2.80 0.00	41.83 2.93 0.00	34.24 2.36 -1.54
PPL PILGRIM_ST_GT2 24217	59.26 4.69 0.00	54.42 3.58 0.00	48.71 3.10 0.01	49.56 2.91 0.00	55.73 2.66 0.00	54.71 2.36 0.00	53.83 2.09 0.00	49.14 2.32 0.00	67.69 1.68 -39.58	50.28 2.37 -15.80	43.56 3.54 -5.40	40.15 3.69 0.00	64.03 3.53 -26.46	65.72 4.61 -19.41	49.93 4.84 -2.38	54.84 5.17 -2.12	51.32 4.22 0.00	49.12 4.08 0.00	55.70 4.57 0.00	57.66 3.54 -0.01	53.20 3.04 0.00	55.22 2.80 0.00	41.83 2.93 0.00	34.24 2.36 -1.54
PPL_SHRM_GT3 24213	58.47 3.89 0.00	53.62 2.78 0.00	47.92 2.31 0.01	48.70 2.05 0.00	54.74 1.68 0.00	53.73 1.39 0.00	52.92 1.19 0.00	48.34 1.51 0.00	67.22 1.21 -39.58	49.72 1.80 -15.80	43.02 3.00 -5.40	39.57 3.12 0.00	63.42 2.92 -26.46	65.23 4.12 -19.41	49.29 4.21 -2.38	54.09 4.41 -2.12	50.65 3.56 0.00	48.63 3.60 0.00	55.23 4.10 0.00	57.17 3.06 0.00	52.66 2.49 0.00	54.64 2.22 0.00	41.31 2.40 0.00	33.80 1.91 -1.54
PPL_SHRM_GT4 24214	58.47 3.89 0.00	53.62 2.78 0.00	47.92 2.31 0.01	48.70 2.05 0.00	54.74 1.68 0.00	53.73 1.39 0.00	52.92 1.19 0.00	48.34 1.51 0.00	67.22 1.21 -39.58	49.72 1.80 -15.80	43.02 3.00 -5.40	39.57 3.12 0.00	63.42 2.92 -26.46	65.23 4.12 -19.41	49.29 4.21 -2.38	54.09 4.41 -2.12	50.65 3.56 0.00	48.63 3.60 0.00	55.23 4.10 0.00	57.17 3.06 0.00	52.66 2.49 0.00	54.64 2.22 0.00	41.31 2.40 0.00	33.80 1.91 -1.54
PROJECT___ORANGE 1 24174	53.89 -0.69 0.00	50.15 -0.72 -0.03	44.93 -0.69 0.00	45.86 -0.78 0.00	52.22 -0.84 0.00	51.52 -0.82 0.00	50.79 -0.94 0.00	45.89 -0.94 0.00	25.88 -0.55 0.00	31.50 -0.61 0.00	34.02 -0.60 0.00	35.83 -0.63 0.00	33.43 -0.60 0.00	41.04 -0.60 0.00	42.04 -0.67 0.00	46.91 -0.65 0.00	46.60 -0.50 0.00	44.66 -0.37 0.00	50.73 -0.39 0.00	53.57 -0.55 0.00	49.56 -0.61 0.00	51.51 -0.91 0.00	38.14 -0.76 0.00	29.76 -0.60 0.00
PROJECT___ORANGE 2 24166	53.89 -0.69 0.00	50.15 -0.72 -0.03	44.93 -0.69 0.00	45.86 -0.78 0.00	52.22 -0.84 0.00	51.52 -0.82 0.00	50.79 -0.94 0.00	45.89 -0.94 0.00	25.88 -0.55 0.00	31.50 -0.61 0.00	34.02 -0.60 0.00	35.83 -0.63 0.00	33.43 -0.60 0.00	41.04 -0.66 0.00	42.04 -0.67 0.00	46.91 -0.65 0.00	46.60 -0.50 0.00	44.66 -0.37 0.00	50.73 -0.39 0.00	53.57 -0.55 0.00	49.56 -0.61 0.00	51.51 -0.91 0.00	38.14 -0.76 0.00	29.76 -0.60 0.00
PUCKETT___SOLAR 323809	54.84 0.27 0.00	50.91 0.06 -0.02	45.78 0.16 0.00	46.69 0.05 0.00	53.25 0.18 0.00	52.69 0.34 0.00	51.95 0.22 0.00	46.78 -0.05 0.00	26.46 0.03 0.00	32.08 -0.04 0.00	34.71 0.09 0.00	36.48 0.02 0.00	34.04 0.01 0.00	41.94 0.24 0.00	42.92 0.21 0.00	47.91 0.35 0.00	47.63 0.54 0.00	45.88 0.84 0.00	52.32 1.20 0.00	55.37 1.26 0.00	51.21 1.04 0.00	53.13 0.71 0.00	39.33 0.43 0.00	30.71 0.36 0.00
PYRITES___HYD 24023	55.46 0.89 0.00	52.04 1.20 -0.01	46.58 0.96 0.00	47.50 0.86 0.00	54.46 1.40 0.00	53.82 1.48 0.00	53.68 1.96 0.00	48.43 1.60 0.00	26.97 0.53 0.00	32.44 0.33 0.00	34.64 0.02 0.00	36.61 0.16 0.00	34.25 0.22 0.00	41.67 -0.03 0.00	42.39 -0.32 0.00	46.94 -0.62 0.00	46.51 -0.59 0.00	44.25 -0.79 0.00	50.50 -0.63 0.00	54.67 0.55 0.00	51.43 1.27 0.00	54.74 2.32 0.00	40.83 1.92 0.00	31.55 1.20 0.00
QUAKERRD_115KV_BK1 80622	52.47 -2.10 0.00	48.87 -1.97 0.00	43.80 -1.81 0.00	44.59 -2.06 0.00	50.88 -2.19 0.00	50.34 -2.01 0.00	49.52 -2.22 0.00	44.41 -2.42 0.00	24.98 -1.45 0.00	30.48 -1.64 0.00	32.90 -1.72 0.00	34.78 -1.68 0.00	32.55 -1.48 0.00	39.83 -1.87 0.00	40.67 -2.04 0.00	45.55 -2.02 0.00	45.51 -1.59 0.00	43.48 -1.55 0.00	49.35 -1.78 0.00	51.97 -2.14 0.00	47.97 -2.20 0.00	49.61 -2.81 0.00	36.66 -2.24 0.00	28.63 -1.72 0.00
QUENSBRY_115KV_TB8 356137	58.29 3.72 0.00	53.85 3.01 0.00	48.32 2.70 0.00	49.48 2.83 0.00	56.22 3.15 0.00	55.31 2.97 0.00	54.42 2.69 0.00	49.05 2.23 0.00	27.59 1.16 0.00	33.47 1.36 0.00	35.78 1.16 0.00	37.43 0.97 0.00	34.73 0.70 0.00	42.35 0.73 0.07	43.57 0.91 0.05	48.64 1.18 0.10	48.51 1.41 0.00	46.98 1.94 0.00	53.94 2.81 0.00	56.97 2.85 0.00	53.33 3.16 0.00	55.54 3.12 0.00	41.07 2.16 0.00	32.08 1.73 0.00
RAMAPO___LBMP 323565	57.48 2.91 0.00	53.00 2.16 0.00	47.58 1.96 0.00	48.64 2.00 0.00	54.87 1.81 0.00	53.91 1.57 0.00	53.02 1.29 0.00	48.17 1.34 0.00	-25.07 1.05 52.55	15.74 1.43 17.80	36.23 2.07 0.46	38.76 2.30 0.00	34.93 2.22 1.33	45.51 2.87 -0.94	46.36 3.07 -0.58	52.18 3.36 -1.26	50.43 3.34 0.00	48.40 3.37 0.00	54.54 3.42 0.00	56.93 2.82 0.00	52.60 2.43 0.00	54.44 2.02 0.00	40.55 1.65 0.00	29.72 1.41 2.04
RANKINE____ 23646	52.41 -2.16 0.00	48.91 -1.93 0.00	43.87 -1.75 0.00	44.58 -2.07 0.00	51.06 -2.01 0.00	50.59 -1.75 0.00	49.50 -2.23 0.00	44.04 -2.79 0.00	24.76 -1.67 0.00	30.32 -1.79 0.00	32.86 -1.76 0.00	35.01 -1.45 0.00	32.78 -1.25 0.00	40.01 -1.69 0.00	40.74 -1.96 0.00	45.80 -1.76 0.00	45.89 -1.21 0.00	43.65 -1.39 0.00	49.35 -1.77 0.00	51.75 -2.36 0.00	47.62 -2.55 0.00	48.96 -3.46 0.00	36.14 -2.75 0.02	28.31 -2.04 0.00
RAVENSWOOD_GT2_1 24244	58.06 3.49 0.00	53.51 2.67 0.00	48.08 2.46 0.00	49.14 2.49 0.00	55.27 2.20 0.00	54.32 1.97 0.00	53.49 1.76 0.00	48.72 1.89 0.00	67.59 1.43 -39.73	47.46 1.89 -13.46	37.64 2.67 -0.35	39.38 2.93 0.00	37.88 2.84 -1.00	46.93 3.65 -1.57	47.58 3.90 -0.97	53.92 4.26 -2.10	51.28 4.19 0.00	49.14 4.11 0.00	55.24 4.12 0.00	57.51 3.40 0.00	53.17 3.00 0.00	55.03 2.62 0.00	41.19 2.29 0.00	33.84 1.94 -1.54
RAVENSWOOD_GT2_2 24245	58.06 3.49 0.00	53.51 2.67 0.00	48.08 2.46 0.00	49.14 2.49 0.00	55.27 2.20 0.00	54.32 1.97 0.00	53.49 1.76 0.00	48.72 1.89 0.00	67.59 1.43 -39.73	47.46 1.89 -13.46	37.64 2.67 -0.35	39.38 2.93 0.00	37.88 2.84 -1.00	46.93 3.65 -1.57	47.58 3.90 -0.97	53.92 4.26 -2.10	51.28 4.19 0.00	49.14 4.11 0.00	55.24 4.12 0.00	57.51 3.40 0.00	53.17 3.00 0.00	55.03 2.62 0.00	41.19 2.29 0.00	33.84 1.94 -1.54

RAVENSWOOD_GT2_3 24246	58.10 3.53 0.00	53.53 2.70 0.00	48.11 2.49 0.00	49.16 2.51 0.00	55.31 2.24 0.00	54.36 2.01 0.00	53.51 1.78 0.00	48.74 1.91 0.00	67.60 1.45 -39.73	47.48 1.92 -13.46	37.66 2.69 -0.35	39.41 2.95 0.00	37.91 2.87 -1.00	46.95 3.68 -1.57	47.60 3.92 -0.97	53.96 4.30 -2.10	51.30 4.21 0.00	49.18 4.14 0.00	55.29 4.16 0.00	57.55 3.44 0.00	53.21 3.04 0.00	55.06 2.65 0.00	41.21 2.31 0.00	33.85 1.96 -1.54
RAVENSWOOD_GT2_4 24247	58.10 3.53 0.00	53.53 2.70 0.00	48.11 2.49 0.00	49.16 2.51 0.00	55.31 2.24 0.00	54.36 2.01 0.00	53.51 1.78 0.00	48.74 1.91 0.00	67.60 1.45 -39.73	47.48 1.92 -13.46	37.66 2.69 -0.35	39.41 2.95 0.00	37.91 2.87 -1.00	46.95 3.68 -1.57	47.60 3.92 -0.97	53.96 4.30 -2.10	51.30 4.21 0.00	49.18 4.14 0.00	55.29 4.16 0.00	57.55 3.44 0.00	53.21 3.04 0.00	55.06 2.65 0.00	41.21 2.31 0.00	33.85 1.96 -1.54
RAVENSWOOD_GT3_1 24248	58.06 3.49 0.00	53.51 2.67 0.00	48.08 2.46 0.00	49.14 2.49 0.00	55.27 2.20 0.00	54.32 1.98 0.00	53.49 1.76 0.00	48.72 1.89 0.00	67.59 1.43 -39.73	47.46 1.89 -13.46	37.64 2.67 -0.35	39.38 2.93 0.00	37.88 2.84 -1.00	46.93 3.65 -1.57	47.58 3.90 -0.97	53.92 4.26 -2.10	51.28 4.19 0.00	49.15 4.12 0.00	55.24 4.12 0.00	57.51 3.40 0.00	53.17 3.00 0.00	55.03 2.62 0.00	41.19 2.29 0.00	33.84 1.94 -1.54
RAVENSWOOD_GT3_2 24249	58.06 3.49 0.00	53.51 2.67 0.00	48.08 2.46 0.00	49.14 2.49 0.00	55.27 2.20 0.00	54.32 1.98 0.00	53.49 1.76 0.00	48.72 1.89 0.00	67.59 1.43 -39.73	47.46 1.89 -13.46	37.64 2.67 -0.35	39.38 2.93 0.00	37.88 2.84 -1.00	46.93 3.65 -1.57	47.58 3.90 -0.97	53.92 4.26 -2.10	51.28 4.19 0.00	49.15 4.12 0.00	55.24 4.12 0.00	57.51 3.40 0.00	53.17 3.00 0.00	55.03 2.62 0.00	41.19 2.29 0.00	33.84 1.94 -1.54
RAVENSWOOD_GT3_3 24250	58.18 3.61 0.00	53.62 2.78 0.00	48.17 2.55 0.00	49.23 2.58 0.00	55.38 2.31 0.00	54.42 2.08 0.00	53.60 1.87 0.00	48.81 1.98 0.00	67.64 1.48 -39.73	47.53 1.96 -13.46	37.72 2.75 -0.35	39.46 3.01 0.00	37.96 2.93 -1.00	47.02 3.75 -1.57	47.68 4.00 -0.97	54.04 4.38 -2.10	51.39 4.29 0.00	49.26 4.22 0.00	55.36 4.23 0.00	57.64 3.52 0.00	53.28 3.12 0.00	55.14 2.73 0.00	41.27 2.37 0.00	33.90 2.01 -1.54
RAVENSWOOD_GT3_4 24251	58.18 3.61 0.00	53.62 2.78 0.00	48.17 2.55 0.00	49.23 2.58 0.00	55.38 2.31 0.00	54.42 2.08 0.00	53.60 1.87 0.00	48.81 1.98 0.00	67.64 1.48 -39.73	47.53 1.96 -13.46	37.72 2.75 -0.35	39.46 3.01 0.00	37.96 2.93 -1.00	47.02 3.75 -1.57	47.68 4.00 -0.97	54.04 4.38 -2.10	51.39 4.29 0.00	49.26 4.22 0.00	55.36 4.23 0.00	57.64 3.52 0.00	53.28 3.12 0.00	55.14 2.73 0.00	41.27 2.37 0.00	33.90 2.01 -1.54
RAVENSWOOD_GT_1 23729	55.78 3.21 2.01	52.86 2.42 0.40	47.89 2.27 0.00	48.93 2.28 0.00	55.05 1.98 0.00	54.07 1.73 0.00	53.27 1.54 0.00	48.61 1.78 0.00	67.54 1.38 -39.73	47.41 1.84 -13.46	37.64 2.67 -0.35	39.33 2.87 0.00	37.90 2.86 -1.00	46.90 3.62 -1.57	47.64 3.97 -0.97	53.96 4.30 -2.10	51.32 4.22 0.00	49.13 4.09 0.00	55.13 4.00 0.00	57.42 3.30 0.00	53.11 2.94 0.00	54.95 2.53 0.00	41.19 2.29 0.00	33.89 2.00 -1.54
RAVENSWOOD_GT_10 24258	58.07 3.50 0.00	53.51 2.68 0.00	48.09 2.47 0.00	49.15 2.50 0.00	55.29 2.22 0.00	54.33 1.99 0.00	53.51 1.78 0.00	48.72 1.89 0.00	67.59 1.43 -39.73	47.46 1.89 -13.46	37.64 2.67 -0.35	39.38 2.93 0.00	37.88 2.84 -1.00	46.93 3.65 -1.57	47.58 3.90 -0.97	53.92 4.26 -2.10	51.29 4.19 0.00	49.16 4.12 0.00	55.25 4.12 0.00	57.52 3.41 0.00	53.18 3.01 0.00	55.04 2.62 0.00	41.19 2.29 0.00	33.84 1.95 -1.54
RAVENSWOOD_GT_11 24259	58.07 3.50 0.00	53.51 2.68 0.00	48.09 2.47 0.00	49.15 2.50 0.00	55.29 2.22 0.00	54.33 1.99 0.00	53.51 1.78 0.00	48.72 1.89 0.00	67.59 1.43 -39.73	47.46 1.89 -13.46	37.64 2.67 -0.35	39.38 2.93 0.00	37.88 2.84 -1.00	46.93 3.65 -1.57	47.58 3.90 -0.97	53.92 4.26 -2.10	51.29 4.19 0.00	49.16 4.12 0.00	55.25 4.12 0.00	57.52 3.41 0.00	53.18 3.01 0.00	55.04 2.62 0.00	41.19 2.29 0.00	33.84 1.95 -1.54
RAVENSWOOD_GT_4 24252	58.07 3.49 0.00	53.51 2.67 0.00	48.08 2.46 0.00	49.14 2.50 0.00	55.27 2.20 0.00	54.33 1.98 0.00	53.49 1.76 0.00	48.72 1.89 0.00	67.59 1.43 -39.73	47.46 1.89 -13.46	37.64 2.67 -0.35	39.38 2.93 0.00	37.88 2.84 -1.00	46.93 3.65 -1.57	47.58 3.90 -0.97	53.92 4.26 -2.10	51.29 4.19 0.00	49.15 4.12 0.00	55.24 4.12 0.00	57.52 3.40 0.00	53.18 3.01 0.00	55.04 2.62 0.00	41.19 2.29 0.00	33.84 1.94 -1.54
RAVENSWOOD_GT_5 24254	58.07 3.49 0.00	53.51 2.67 0.00	48.08 2.46 0.00	49.14 2.50 0.00	55.27 2.20 0.00	54.33 1.98 0.00	53.49 1.76 0.00	48.72 1.89 0.00	67.59 1.43 -39.73	47.46 1.89 -13.46	37.64 2.67 -0.35	39.38 2.93 0.00	37.88 2.84 -1.00	46.93 3.65 -1.57	47.58 3.90 -0.97	53.92 4.26 -2.10	51.29 4.19 0.00	49.15 4.12 0.00	55.24 4.12 0.00	57.52 3.40 0.00	53.18 3.01 0.00	55.04 2.62 0.00	41.19 2.29 0.00	33.84 1.94 -1.54
RAVENSWOOD_GT_6 24253	58.07 3.49 0.00	53.51 2.67 0.00	48.08 2.46 0.00	49.14 2.50 0.00	55.27 2.20 0.00	54.33 1.98 0.00	53.49 1.76 0.00	48.72 1.89 0.00	67.59 1.43 -39.73	47.46 1.89 -13.46	37.64 2.67 -0.35	39.38 2.93 0.00	37.88 2.84 -1.00	46.93 3.65 -1.57	47.58 3.90 -0.97	53.92 4.26 -2.10	51.29 4.19 0.00	49.15 4.12 0.00	55.24 4.12 0.00	57.52 3.40 0.00	53.18 3.01 0.00	55.04 2.62 0.00	41.19 2.29 0.00	33.84 1.94 -1.54
RAVENSWOOD_GT_7 24255	58.07 3.49 0.00	53.51 2.67 0.00	48.08 2.46 0.00	49.14 2.50 0.00	55.27 2.20 0.00	54.33 1.98 0.00	53.49 1.76 0.00	48.72 1.89 0.00	67.59 1.43 -39.73	47.46 1.89 -13.46	37.64 2.67 -0.35	39.38 2.93 0.00	37.88 2.84 -1.00	46.93 3.65 -1.57	47.58 3.90 -0.97	53.92 4.26 -2.10	51.29 4.19 0.00	49.15 4.12 0.00	55.24 4.12 0.00	57.52 3.40 0.00	53.18 3.01 0.00	55.04 2.62 0.00	41.19 2.29 0.00	33.84 1.94 -1.54
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	58.07 3.50 0.00	53.51 2.68 0.00	48.09 2.47 0.00	49.15 2.50 0.00	55.29 2.22 0.00	54.33 1.99 0.00	53.51 1.78 0.00	48.72 1.89 0.00	67.59 1.43 -39.73	47.46 1.89 -13.46	37.64 2.67 -0.35	39.38 2.93 0.00	37.88 2.84 -1.00	46.93 3.65 -1.57	47.58 3.90 -0.97	53.92 4.26 -2.10	51.29 4.19 0.00	49.16 4.12 0.00	55.25 4.12 0.00	57.52 3.41 0.00	53.18 3.01 0.00	55.04 2.62 0.00	41.19 2.29 0.00	33.84 1.95 -1.54
RAVENSWOOD_GT_9 24257	58.07 3.50 0.00	53.51 2.68 0.00	48.09 2.47 0.00	49.15 2.50 0.00	55.29 2.22 0.00	54.33 1.99 0.00	53.51 1.78 0.00	48.72 1.89 0.00	67.59 1.43 -39.73	47.46 1.89 -13.46	37.64 2.67 -0.35	39.38 2.93 0.00	37.88 2.84 -1.00	46.93 3.65 -1.57	47.58 3.90 -0.97	53.92 4.26 -2.10	51.29 4.19 0.00	49.16 4.12 0.00	55.25 4.12 0.00	57.52 3.41 0.00	53.18 3.01 0.00	55.04 2.62 0.00	41.19 2.29 0.00	33.84 1.95 -1.54

RAVENSWOOD___1 23533	55.25 3.11 2.44	52.68 2.33 0.49	47.83 2.22 0.01	48.87 2.22 0.00	54.98 1.91 0.00	53.98 1.64 0.00	53.20 1.48 0.00	48.55 1.72 0.00	67.51 1.35 -39.72	47.36 1.80 -13.46	37.60 2.63 -0.35	39.29 2.83 0.00	37.88 2.84 -1.00	46.85 3.58 -1.57	47.61 3.93 -0.97	53.91 4.25 -2.10	51.27 4.17 0.00	49.07 4.04 0.00	55.07 3.94 0.00	57.36 3.25 0.00	53.06 2.89 0.00	54.89 2.47 0.00	41.16 2.26 0.00	33.86 1.97 -1.54
RAVENSWOOD___2 23534	54.87 2.74 2.45	52.36 2.00 0.49	47.57 1.96 0.01	48.59 1.94 0.00	54.64 1.57 0.00	53.65 1.31 0.00	52.87 1.15 0.00	48.30 1.47 0.00	67.39 1.24 -39.72	47.23 1.66 -13.46	37.52 2.55 -0.35	39.19 2.73 0.00	37.79 2.76 -1.00	46.72 3.45 -1.57	47.51 3.83 -0.97	53.80 4.14 -2.10	51.17 4.07 0.00	48.95 3.91 0.00	54.78 3.66 0.00	57.11 3.00 0.00	52.82 2.66 0.00	54.63 2.22 0.00	41.01 2.11 0.00	33.77 1.88 -1.54
RAVENSWOOD___3 23535	58.05 3.48 0.00	53.51 2.67 0.00	48.08 2.46 0.00	49.14 2.49 0.00	55.28 2.21 0.00	54.32 1.98 0.00	53.49 1.76 0.00	48.71 1.89 0.00	67.59 1.43 -39.73	47.46 1.89 -13.46	37.64 2.67 -0.35	39.38 2.93 0.00	37.88 2.85 -1.00	46.93 3.65 -1.57	47.58 3.90 -0.97	53.93 4.26 -2.10	51.29 4.19 0.00	49.15 4.12 0.00	55.24 4.12 0.00	57.52 3.40 0.00	53.17 3.01 0.00	55.03 2.62 0.00	41.19 2.29 0.00	33.84 1.94 -1.54
RAVENSWOOD___4 23820	54.73 3.03 2.86	52.53 2.26 0.57	47.77 2.16 0.01	48.80 2.16 0.00	54.90 1.84 0.00	53.91 1.57 0.00	53.13 1.40 0.00	48.49 1.66 0.00	67.48 1.32 -39.72	47.33 1.76 -13.46	37.57 2.60 -0.35	39.25 2.79 0.00	37.85 2.81 -1.00	46.81 3.53 -1.57	47.57 3.89 -0.97	53.87 4.20 -2.10	51.23 4.13 0.00	49.03 3.99 0.00	55.01 3.89 0.00	57.31 3.19 0.00	53.02 2.85 0.00	54.84 2.42 0.00	41.12 2.22 0.00	33.84 1.95 -1.54
RCPL_TRUST___DRP 24196	58.12 3.55 0.00	53.55 2.72 0.00	48.12 2.50 0.00	49.18 2.53 0.00	55.32 2.26 0.00	54.38 2.03 0.00	53.56 1.83 0.00	48.80 1.97 0.00	67.74 1.48 -39.83	47.56 1.96 -13.49	37.70 2.73 -0.35	39.49 3.04 0.00	37.98 2.94 -1.01	47.02 3.76 -1.57	47.66 3.99 -0.96	54.01 4.36 -2.09	51.39 4.29 0.00	49.24 4.21 0.00	55.33 4.20 0.00	57.56 3.45 0.00	53.22 3.05 0.00	55.08 2.66 0.00	41.22 2.31 0.00	33.85 1.96 -1.55
RED___ROCHESTER 323720	54.00 -0.57 0.00	50.26 -0.58 0.00	44.98 -0.64 0.00	45.75 -0.90 0.00	52.23 -0.84 0.00	51.69 -0.65 0.00	50.79 -0.94 0.00	45.49 -1.34 0.00	25.59 -0.85 0.00	31.26 -0.85 0.00	33.76 -0.86 0.00	35.74 -0.72 0.00	33.48 -0.55 0.00	40.96 -0.74 0.00	41.78 -0.93 0.00	46.86 -0.70 0.00	46.88 -0.22 0.00	44.77 -0.27 0.00	50.79 -0.33 0.00	53.48 -0.64 0.00	49.30 -0.87 0.00	50.90 -1.51 0.00	37.56 -1.34 0.00	29.35 -1.00 0.00
REGAN___SOLAR 323812	58.05 3.48 0.00	54.07 3.23 0.00	48.45 2.84 0.00	49.50 2.86 0.00	56.37 3.31 0.00	55.63 3.29 0.00	54.90 3.17 0.00	49.31 2.48 0.00	27.66 1.22 0.00	33.49 1.38 0.00	35.90 1.29 0.00	37.64 1.18 0.00	35.05 1.02 0.00	42.82 1.18 0.06	43.08 0.40 0.04	47.63 0.15 0.08	47.33 0.23 0.00	45.53 0.50 0.00	52.66 1.53 0.00	57.15 3.04 0.00	53.62 3.46 0.00	55.94 3.53 0.00	41.43 2.52 0.00	32.19 1.84 0.00
RENSSELAER___COGEN 23796	55.75 1.17 0.00	51.92 1.08 0.00	46.79 1.17 0.00	47.95 1.31 0.00	54.46 1.39 0.00	53.62 1.27 0.00	52.73 0.99 0.00	47.61 0.78 0.00	26.91 0.48 0.00	32.79 0.68 0.00	35.07 0.45 0.00	36.68 0.22 0.00	34.10 0.07 0.00	41.63 0.01 0.08	42.77 0.11 0.05	47.45 0.00 0.11	47.10 0.00 0.00	45.28 0.24 0.00	51.39 0.27 0.00	54.06 -0.06 0.00	50.26 0.10 0.00	52.32 -0.09 0.00	39.04 0.13 0.00	30.79 0.44 0.00
REPUBLIC_115KV_BARTNBK 55605	61.01 6.44 0.00	56.02 5.18 0.00	50.25 4.63 0.00	51.54 4.89 0.00	58.54 5.47 0.00	57.57 5.23 0.00	56.50 4.77 0.00	50.70 3.87 0.00	28.34 1.91 0.00	34.09 1.98 0.00	36.51 1.89 0.00	38.35 1.89 0.00	35.60 1.56 0.00	43.27 1.64 0.07	44.54 1.88 0.05	49.99 2.53 0.10	50.04 2.94 0.00	48.79 3.75 0.00	55.89 4.77 0.00	59.05 4.93 0.00	56.17 6.00 0.00	58.64 6.22 0.00	43.26 4.36 0.00	33.77 3.42 0.00
REVERE_CPPR_DRP 24186	56.62 2.05 0.00	52.75 1.90 -0.02	47.11 1.49 0.00	48.21 1.56 0.00	54.97 1.90 0.00	54.29 1.95 0.00	53.59 1.86 0.00	48.41 1.58 0.00	27.19 0.76 0.00	32.90 0.79 0.00	35.35 0.73 0.00	37.15 0.69 0.00	34.71 0.68 0.00	42.54 0.84 0.00	43.54 0.84 0.00	48.50 0.94 0.00	48.23 1.13 0.00	46.39 1.36 0.00	53.02 1.89 0.00	56.44 2.33 0.00	52.46 2.29 0.00	54.72 2.30 0.00	40.51 1.61 0.00	31.48 1.13 0.00
REYNLDPA_13_KV_LD 356490	54.38 -0.19 0.00	50.97 0.13 0.00	45.68 0.07 0.00	46.62 -0.03 0.00	53.14 0.07 0.00	52.53 0.19 0.00	52.30 0.57 0.00	47.45 0.62 0.00	26.65 0.22 0.00	32.26 0.15 0.00	34.69 0.07 0.00	36.63 0.17 0.00	34.25 0.22 0.00	41.89 0.19 0.00	42.79 0.08 0.00	47.62 0.06 0.00	47.19 0.09 0.00	44.90 -0.13 0.00	51.01 -0.11 0.00	54.38 0.27 0.00	50.46 0.29 0.00	53.25 0.83 0.00	39.60 0.70 0.00	30.72 0.37 0.00
REYNOLDS_115KV_TB3 80639	56.34 1.77 0.00	52.42 1.59 0.00	47.19 1.57 0.00	48.36 1.71 0.00	54.91 1.84 0.00	54.04 1.70 0.00	53.17 1.43 0.00	47.99 1.16 0.00	27.12 0.69 0.00	33.05 0.94 0.00	35.38 0.76 0.00	37.02 0.57 0.00	34.44 0.41 0.00	42.09 0.47 0.08	43.24 0.58 0.05	47.98 0.53 0.11	47.64 0.54 0.00	45.80 0.77 0.00	51.99 0.87 0.00	54.65 0.54 0.00	50.85 0.69 0.00	52.93 0.51 0.00	39.44 0.54 0.00	31.04 0.69 0.00
RIVERBAY____ 323610	59.86 5.28 -0.01	55.18 4.33 -0.01	49.54 3.93 0.00	50.58 3.93 0.00	57.02 3.95 0.00	56.05 3.70 0.00	55.25 3.52 0.00	50.30 3.47 0.00	68.45 2.30 -39.73	48.44 2.87 -13.46	38.66 3.69 -0.35	40.27 3.81 0.00	38.84 3.80 -1.00	48.00 4.73 -1.57	48.73 5.05 -0.97	55.17 5.50 -2.10	52.56 5.46 0.00	50.24 5.20 0.00	56.45 5.32 0.00	58.94 4.83 0.00	54.49 4.32 0.00	56.36 3.94 0.00	42.33 3.43 0.00	34.68 2.78 -1.54
RIVERSDE_115KV_TB3 55908	56.20 1.63 0.00	52.29 1.46 0.00	47.10 1.48 0.00	48.25 1.61 0.00	54.80 1.74 0.00	53.94 1.60 0.00	53.06 1.33 0.00	47.90 1.07 0.00	27.08 0.65 0.00	33.00 0.89 0.00	35.31 0.68 0.00	36.95 0.49 0.00	34.38 0.34 0.00	41.99 0.36 0.08	43.14 0.48 0.05	47.87 0.42 0.11	47.52 0.42 0.00	45.70 0.66 0.00	51.87 0.74 0.00	54.54 0.42 0.00	50.72 0.55 0.00	52.78 0.36 0.00	39.35 0.44 0.00	31.00 0.65 0.00
ROARING___BROOK_WT_PWR 323790	53.93 -0.64 0.00	50.40 -0.44 0.00	45.25 -0.37 0.00	46.37 -0.27 0.00	52.86 -0.21 0.00	52.16 -0.19 0.00	51.65 -0.09 0.00	46.73 -0.11 0.00	26.38 -0.05 0.00	32.02 -0.09 0.00	34.47 -0.15 0.00	36.37 -0.09 0.00	33.99 -0.04 0.00	41.62 -0.08 0.00	42.62 -0.09 0.00	47.44 -0.12 0.00	46.99 -0.10 0.00	44.90 -0.14 0.00	50.99 -0.13 0.00	54.07 -0.05 0.00	50.13 -0.03 0.00	52.49 0.08 0.00	38.99 0.08 0.00	30.39 0.04 0.00

ROCHESRG_115KV_T4 355643	53.26 -1.31 0.00	49.64 -1.20 0.00	44.47 -1.16 0.00	45.24 -1.41 0.00	51.65 -1.42 0.00	51.13 -1.22 0.00	50.22 -1.51 0.00	44.97 -1.86 0.00	25.29 -1.15 0.00	30.88 -1.24 0.00	33.35 -1.27 0.00	35.31 -1.15 0.00	33.05 -0.98 0.00	40.40 -1.30 0.00	41.23 -1.48 0.00	46.21 -1.35 0.00	46.21 -0.88 0.00	44.09 -0.95 0.00	49.98 -1.14 0.00	52.63 -1.48 0.00	48.56 -1.61 0.00	50.18 -2.24 0.00	37.08 -1.83 0.00	28.98 -1.37 0.00
ROCHESTER_9_IC 23652	53.63 -0.94 0.00	49.95 -0.88 0.00	44.74 -0.88 0.00	45.50 -1.14 0.00	51.95 -1.11 0.00	51.41 -0.93 0.00	50.53 -1.20 0.00	45.25 -1.59 0.00	25.44 -0.99 0.00	31.07 -1.04 0.00	33.56 -1.06 0.00	35.53 -0.93 0.00	33.26 -0.77 0.00	40.68 -1.02 0.00	41.52 -1.19 0.00	46.54 -1.02 0.00	46.55 -0.54 0.00	44.43 -0.61 0.00	50.39 -0.74 0.00	53.06 -1.06 0.00	48.93 -1.24 0.00	50.54 -1.87 0.00	37.32 -1.58 0.00	29.16 -1.19 0.00
ROCKVIEW_13_KV_LD 356306	58.45 3.87 0.00	53.86 3.03 0.00	48.35 2.73 0.00	49.41 2.76 0.00	55.66 2.59 0.00	54.69 2.34 0.00	53.81 2.08 0.00	48.94 2.11 0.00	67.74 1.51 -39.79	47.59 2.00 -13.48	37.70 2.72 -0.35	39.45 2.99 0.00	37.93 2.90 -1.01	46.96 3.69 -1.57	47.60 3.93 -0.97	53.97 4.31 -2.10	51.36 4.26 0.00	49.25 4.21 0.00	55.45 4.32 0.00	57.77 3.66 0.00	53.41 3.24 0.00	55.29 2.87 0.00	41.30 2.40 0.00	33.91 2.01 -1.54
ROME____115KV_TB2 80656	56.62 2.05 0.00	52.75 1.90 -0.02	47.11 1.49 0.00	48.21 1.56 0.00	54.97 1.90 0.00	54.29 1.95 0.00	53.59 1.86 0.00	48.41 1.58 0.00	27.19 0.76 0.00	32.90 0.79 0.00	35.35 0.73 0.00	37.15 0.69 0.00	34.71 0.68 0.00	42.54 0.84 0.00	43.54 0.84 0.00	48.50 0.94 0.00	48.23 1.13 0.00	46.39 1.36 0.00	53.02 1.89 0.00	56.44 2.33 0.00	52.46 2.29 0.00	54.72 2.30 0.00	40.51 1.61 0.00	31.48 1.13 0.00
ROSETON___1 23587	57.31 2.73 0.00	52.95 2.11 0.00	47.56 1.95 0.00	48.64 1.99 0.00	54.99 1.92 0.00	54.07 1.73 0.00	53.17 1.44 0.00	48.21 1.38 0.00	27.45 1.02 0.00	33.47 1.36 0.00	36.42 1.80 0.00	38.37 1.91 0.00	35.85 1.82 0.00	44.00 2.36 0.07	45.23 2.57 0.04	50.27 2.79 0.09	49.85 2.75 0.00	47.86 2.82 0.00	54.03 2.90 0.00	56.48 2.36 0.00	52.28 2.11 0.00	54.21 1.79 0.00	40.41 1.51 0.00	31.64 1.29 0.00
ROSETON___2 23588	57.31 2.73 0.00	52.95 2.11 0.00	47.56 1.95 0.00	48.64 1.99 0.00	54.99 1.92 0.00	54.07 1.73 0.00	53.17 1.44 0.00	48.21 1.38 0.00	27.45 1.02 0.00	33.47 1.36 0.00	36.42 1.80 0.00	38.37 1.91 0.00	35.85 1.82 0.00	44.00 2.36 0.07	45.23 2.57 0.04	50.27 2.79 0.09	49.85 2.75 0.00	47.86 2.82 0.00	54.03 2.90 0.00	56.48 2.36 0.00	52.28 2.11 0.00	54.21 1.79 0.00	40.41 1.51 0.00	31.64 1.29 0.00
ROTRRDAM_115KV_TB3 80664	56.52 1.95 0.00	52.46 1.62 0.00	47.12 1.51 0.00	48.23 1.58 0.00	54.84 1.77 0.00	54.00 1.66 0.00	53.15 1.42 0.00	47.95 1.12 0.00	27.07 0.63 0.00	32.94 0.83 0.00	35.46 0.84 0.00	37.19 0.73 0.00	34.65 0.62 0.00	42.40 0.76 0.07	43.48 0.82 0.04	48.36 0.90 0.09	48.01 0.91 0.00	46.15 1.12 0.00	52.51 1.39 0.00	55.44 1.33 0.00	51.53 1.37 0.00	53.67 1.25 0.00	39.86 0.96 0.00	31.15 0.80 0.00
RUSSELL___1 23602	53.99 -0.58 0.00	50.26 -0.58 0.00	44.99 -0.63 0.00	45.75 -0.90 0.00	52.23 -0.84 0.00	51.69 -0.65 0.00	50.79 -0.94 0.00	45.49 -1.34 0.00	25.58 -0.85 0.00	31.24 -0.87 0.00	33.76 -0.86 0.00	35.74 -0.72 0.00	33.48 -0.56 0.00	40.94 -0.76 0.00	41.78 -0.93 0.00	46.85 -0.71 0.00	46.88 -0.21 0.00	44.76 -0.28 0.00	50.79 -0.33 0.00	53.48 -0.64 0.00	49.30 -0.87 0.00	50.90 -1.52 0.00	37.56 -1.34 0.00	29.34 -1.01 0.00
RUSSELL___2 23532	53.99 -0.58 0.00	50.26 -0.58 0.00	44.99 -0.63 0.00	45.75 -0.90 0.00	52.23 -0.84 0.00	51.69 -0.65 0.00	50.79 -0.94 0.00	45.49 -1.34 0.00	25.58 -0.85 0.00	31.24 -0.87 0.00	33.76 -0.86 0.00	35.74 -0.72 0.00	33.48 -0.56 0.00	40.94 -0.76 0.00	41.78 -0.93 0.00	46.85 -0.71 0.00	46.88 -0.21 0.00	44.76 -0.28 0.00	50.79 -0.33 0.00	53.48 -0.64 0.00	49.30 -0.87 0.00	50.90 -1.52 0.00	37.56 -1.34 0.00	29.34 -1.01 0.00
RUSSELL___3 23549	53.99 -0.58 0.00	50.26 -0.58 0.00	44.99 -0.63 0.00	45.75 -0.90 0.00	52.23 -0.84 0.00	51.69 -0.65 0.00	50.79 -0.94 0.00	45.49 -1.34 0.00	25.58 -0.85 0.00	31.24 -0.87 0.00	33.76 -0.86 0.00	35.74 -0.72 0.00	33.48 -0.56 0.00	40.94 -0.76 0.00	41.78 -0.93 0.00	46.85 -0.71 0.00	46.88 -0.21 0.00	44.76 -0.28 0.00	50.79 -0.33 0.00	53.48 -0.64 0.00	49.30 -0.87 0.00	50.90 -1.52 0.00	37.56 -1.34 0.00	29.34 -1.01 0.00
RUSSELL___4 23556	53.99 -0.58 0.00	50.26 -0.58 0.00	44.99 -0.63 0.00	45.75 -0.90 0.00	52.23 -0.84 0.00	51.69 -0.65 0.00	50.79 -0.94 0.00	45.49 -1.34 0.00	25.58 -0.85 0.00	31.24 -0.87 0.00	33.76 -0.86 0.00	35.74 -0.72 0.00	33.48 -0.56 0.00	40.94 -0.76 0.00	41.78 -0.93 0.00	46.85 -0.71 0.00	46.88 -0.21 0.00	44.76 -0.28 0.00	50.79 -0.33 0.00	53.48 -0.64 0.00	49.30 -0.87 0.00	50.90 -1.52 0.00	37.56 -1.34 0.00	29.34 -1.01 0.00
RUSSELL___STATION 23914	53.99 -0.58 0.00	50.26 -0.58 0.00	44.99 -0.63 0.00	45.75 -0.90 0.00	52.23 -0.84 0.00	51.69 -0.65 0.00	50.79 -0.94 0.00	45.49 -1.34 0.00	25.58 -0.85 0.00	31.24 -0.87 0.00	33.76 -0.86 0.00	35.74 -0.72 0.00	33.48 -0.56 0.00	40.94 -0.76 0.00	41.78 -0.93 0.00	46.85 -0.71 0.00	46.88 -0.21 0.00	44.76 -0.28 0.00	50.79 -0.33 0.00	53.48 -0.64 0.00	49.30 -0.87 0.00	50.90 -1.52 0.00	37.56 -1.34 0.00	29.34 -1.01 0.00
S SALMON___HYD 24043	53.98 -0.59 0.00	50.47 -0.43 -0.06	45.17 -0.45 0.00	46.17 -0.47 0.00	52.74 -0.32 0.00	51.94 -0.40 0.00	51.21 -0.52 0.00	46.25 -0.58 0.00	25.99 -0.44 0.00	31.57 -0.55 0.00	33.97 -0.65 0.00	35.73 -0.73 0.00	33.36 -0.68 0.00	40.90 -0.81 0.00	41.81 -0.90 0.00	46.49 -1.07 0.00	46.17 -0.93 0.00	44.34 -0.69 0.00	50.56 -0.57 0.00	53.81 -0.30 0.00	50.13 -0.04 0.00	52.49 0.08 0.00	38.90 -0.01 0.00	30.32 -0.03 0.00
S.PERRY__115KV_TB1 80734	53.47 -1.11 0.00	49.65 -1.19 0.00	44.58 -1.03 0.00	45.38 -1.26 0.00	51.92 -1.15 0.00	51.41 -0.93 0.00	50.73 -1.01 0.00	45.13 -1.70 0.00	25.05 -1.38 0.00	30.50 -1.62 0.00	33.02 -1.60 0.00	34.98 -1.48 0.00	32.66 -1.37 0.00	39.97 -1.73 0.00	40.76 -1.95 0.00	45.76 -1.80 0.00	45.76 -1.33 0.00	43.71 -1.32 0.00	49.69 -1.44 0.00	53.02 -1.09 0.00	49.43 -0.74 0.00	51.15 -1.27 0.00	37.65 -1.25 0.01	30.02 -0.34 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	52.05 -2.52 0.00	48.60 -2.23 0.00	43.59 -2.03 0.00	44.26 -2.39 0.00	50.69 -2.38 0.00	50.24 -2.10 0.00	49.13 -2.60 0.00	43.68 -3.15 0.00	24.53 -1.90 0.00	30.05 -2.06 0.00	32.52 -2.11 0.00	34.64 -1.82 0.00	32.45 -1.58 0.00	39.55 -2.15 0.00	40.26 -2.45 0.00	45.27 -2.29 0.00	45.40 -1.70 0.00	43.12 -1.91 0.00	48.74 -2.38 0.00	51.09 -3.02 0.00	47.05 -3.12 0.00	48.37 -4.05 0.00	35.71 -3.16 0.02	28.01 -2.34 0.00

SAWYER___23_KV_LOAD 55526	52.05 -2.52 0.00	48.60 -2.23 0.00	43.59 -2.03 0.00	44.26 -2.39 0.00	50.69 -2.38 0.00	50.24 -2.10 0.00	49.13 -2.60 0.00	43.68 -3.15 0.00	24.53 -1.90 0.00	30.05 -2.06 0.00	32.52 -2.11 0.00	34.64 -1.82 0.00	32.45 -1.58 0.00	39.55 -2.15 0.00	40.26 -2.45 0.00	45.27 -2.29 0.00	45.40 -1.70 0.00	43.12 -1.91 0.00	48.74 -2.38 0.00	51.09 -3.02 0.00	47.05 -3.12 0.00	48.37 -4.05 0.00	35.71 -3.16 0.02	28.01 -2.34 0.00
SELKIRK___I 23801	55.43 0.86 0.00	52.23 1.40 0.00	47.09 1.48 0.00	48.29 1.64 0.00	54.90 1.84 0.00	54.06 1.71 0.00	53.13 1.40 0.00	47.85 1.02 0.00	27.06 0.62 0.00	32.93 0.82 0.00	35.25 0.63 0.00	36.76 0.30 0.00	-32.51 -0.26 66.28	-29.81 -0.49 71.01	38.99 -0.55 3.17	46.75 -0.71 0.10	46.38 -0.71 0.00	44.57 -0.46 0.00	50.66 -0.47 0.00	53.43 -0.68 0.00	49.70 -0.47 0.00	51.78 -0.64 0.00	38.57 -0.33 0.00	30.28 -0.07 0.00
SELKIRK___II 23799	55.54 0.97 0.00	51.84 1.00 0.00	46.81 1.19 0.00	48.01 1.36 0.00	54.55 1.48 0.00	53.71 1.37 0.00	52.81 1.08 0.00	47.66 0.83 0.00	26.96 0.53 0.00	32.84 0.72 0.00	35.17 0.55 0.00	36.70 0.24 0.00	-205.93 0.00 239.96	-215.26 -0.06 256.90	31.36 0.03 11.38	47.38 -0.07 0.10	47.02 -0.08 0.00	45.17 0.13 0.00	51.24 0.11 0.00	53.92 -0.19 0.00	50.10 -0.07 0.00	52.15 -0.27 0.00	38.87 -0.04 0.00	30.55 0.20 0.00
SENECA OSWGO___HYD 24041	53.46 -1.12 0.00	49.88 -1.04 -0.08	44.64 -0.98 0.00	45.58 -1.07 0.00	51.89 -1.18 0.00	51.19 -1.15 0.00	50.49 -1.24 0.00	45.61 -1.22 0.00	25.69 -0.74 0.00	31.25 -0.87 0.00	33.72 -0.91 0.00	35.50 -0.96 0.00	33.11 -0.92 0.00	40.64 -1.07 0.00	41.59 -1.11 0.00	46.41 -1.15 0.00	46.09 -1.01 0.00	44.19 -0.85 0.00	50.23 -0.89 0.00	53.12 -0.99 0.00	49.19 -0.98 0.00	51.18 -1.24 0.00	37.91 -0.99 0.00	29.61 -0.74 0.00
SENECA___115KV_TB3 355854	52.51 -2.06 0.00	49.00 -1.84 0.00	43.95 -1.67 0.00	44.67 -1.98 0.00	51.14 -1.93 0.00	50.67 -1.67 0.00	49.57 -2.16 0.00	44.12 -2.71 0.00	24.81 -1.63 0.00	30.38 -1.73 0.00	32.92 -1.70 0.00	35.08 -1.38 0.00	32.84 -1.19 0.00	40.09 -1.61 0.00	40.82 -1.89 0.00	45.89 -1.67 0.00	45.98 -1.11 0.00	43.74 -1.30 0.00	49.46 -1.67 0.00	51.86 -2.26 0.00	47.72 -2.45 0.00	49.04 -3.38 0.00	36.20 -2.68 0.02	28.35 -2.00 0.00
SENECA___ENERGY 23797	54.07 -0.50 0.00	50.28 -0.60 -0.04	45.17 -0.45 0.00	46.07 -0.58 0.00	52.39 -0.68 0.00	51.86 -0.48 0.00	51.11 -0.62 0.00	46.04 -0.79 0.00	25.91 -0.52 0.00	31.49 -0.63 0.00	33.96 -0.66 0.00	35.78 -0.68 0.00	33.42 -0.61 0.00	41.04 -0.66 0.00	42.00 -0.71 0.00	46.92 -0.64 0.00	46.73 -0.37 0.00	44.84 -0.19 0.00	51.01 -0.12 0.00	53.88 -0.24 0.00	49.91 -0.25 0.00	51.68 -0.73 0.00	38.24 -0.66 0.00	29.85 -0.51 0.00
SHOEMAKER___GT 23640	57.15 2.58 0.00	52.81 1.97 0.00	47.41 1.79 0.00	48.47 1.82 0.00	54.83 1.77 0.00	53.94 1.59 0.00	53.05 1.32 0.00	48.06 1.22 0.00	-6.70 0.89 34.02	21.73 1.15 11.52	35.89 1.57 0.30	38.15 1.69 0.00	34.77 1.59 0.86	44.34 2.05 -0.59	45.31 2.24 -0.36	50.81 2.47 -0.79	49.61 2.52 0.00	47.65 2.61 0.00	53.91 2.79 0.00	56.50 2.39 0.00	52.28 2.11 0.00	54.21 1.80 0.00	40.32 1.42 0.00	30.22 1.19 1.32
SHOEMAKR_138KV_BK 111 55601	57.13 2.56 0.00	52.78 1.94 0.00	47.38 1.76 0.00	48.44 1.80 0.00	54.80 1.73 0.00	53.89 1.54 0.00	53.01 1.28 0.00	48.04 1.21 0.00	-5.20 0.89 32.52	22.27 1.17 11.01	35.94 1.60 0.29	38.19 1.74 0.00	34.86 1.64 0.82	44.39 2.13 -0.56	45.36 2.31 -0.34	50.85 2.54 -0.75	49.67 2.57 0.00	47.69 2.66 0.00	53.92 2.80 0.00	56.48 2.37 0.00	52.27 2.10 0.00	54.17 1.76 0.00	40.30 1.40 0.00	30.27 1.18 1.26
SHOREHAM_IC_1 23715	58.47 3.89 0.00	53.62 2.78 0.00	47.92 2.31 0.01	48.70 2.05 0.00	54.74 1.68 0.00	53.73 1.39 0.00	52.92 1.19 0.00	48.34 1.51 0.00	67.22 1.21 -39.58	49.72 1.80 -15.80	43.02 3.00 -5.40	39.57 3.12 0.00	63.42 2.92 -26.46	65.23 4.12 -19.41	49.29 4.21 -2.38	54.09 4.41 -2.12	50.65 3.56 0.00	48.63 3.60 0.00	55.23 4.10 0.00	57.17 3.06 0.00	52.66 2.49 0.00	54.64 2.22 0.00	41.31 2.40 0.00	33.80 1.91 -1.54
SHOREHAM_IC_2 23716	58.48 3.91 0.00	53.62 2.78 0.00	47.92 2.31 0.01	48.70 2.05 0.00	54.74 1.68 0.00	53.73 1.39 0.00	52.91 1.18 0.00	48.34 1.51 0.00	67.22 1.21 -39.58	49.71 1.80 -15.80	43.01 3.00 -5.40	39.57 3.12 0.00	63.42 2.92 -26.46	65.24 4.12 -19.41	49.29 4.21 -2.38	54.09 4.41 -2.12	50.66 3.56 0.00	48.63 3.60 0.00	55.23 4.10 0.00	57.17 3.06 0.00	52.66 2.49 0.00	54.64 2.23 0.00	41.30 2.40 0.00	33.80 1.91 -1.54
SISSONVILLE____ 23735	54.29 -0.29 0.00	50.94 0.10 -0.01	45.60 -0.02 0.00	46.57 -0.08 0.00	53.48 0.41 0.00	52.87 0.53 0.00	52.70 0.97 0.00	47.77 0.94 0.00	26.73 0.30 0.00	32.27 0.16 0.00	34.46 -0.16 0.00	36.41 -0.05 0.00	34.05 0.02 0.00	41.39 -0.31 0.00	42.07 -0.64 0.00	46.48 -1.08 0.00	46.07 -1.03 0.00	43.87 -1.16 0.00	49.99 -1.13 0.00	53.71 -0.40 0.00	50.30 0.13 0.00	53.54 1.12 0.00	40.05 1.15 0.00	31.00 0.65 0.00
SITHE_IND_GS1 24169	52.79 -1.78 0.00	48.90 -1.69 0.24	44.11 -1.51 0.00	45.05 -1.60 0.00	51.29 -1.79 0.00	50.61 -1.73 0.00	49.91 -1.82 0.00	45.09 -1.75 0.00	25.43 -1.01 0.00	30.93 -1.18 0.00	33.36 -1.26 0.00	35.14 -1.32 0.00	32.80 -1.23 0.00	40.22 -1.48 0.00	41.18 -1.53 0.00	45.91 -1.64 0.00	45.58 -1.52 0.00	43.64 -1.39 0.00	49.58 -1.54 0.00	52.38 -1.74 0.00	48.52 -1.65 0.00	50.53 -1.89 0.00	37.45 -1.45 0.00	29.24 -1.11 0.00
SITHE_IND_GS2 24170	52.79 -1.78 0.00	48.90 -1.69 0.24	44.11 -1.51 0.00	45.05 -1.60 0.00	51.29 -1.79 0.00	50.61 -1.73 0.00	49.91 -1.82 0.00	45.09 -1.75 0.00	25.43 -1.01 0.00	30.93 -1.18 0.00	33.36 -1.26 0.00	35.14 -1.32 0.00	32.80 -1.23 0.00	40.22 -1.48 0.00	41.18 -1.53 0.00	45.91 -1.64 0.00	45.58 -1.52 0.00	43.64 -1.39 0.00	49.58 -1.54 0.00	52.38 -1.74 0.00	48.52 -1.65 0.00	50.53 -1.89 0.00	37.45 -1.45 0.00	29.24 -1.11 0.00
SITHE_IND_GS3 24171	52.79 -1.78 0.00	48.90 -1.69 0.24	44.11 -1.51 0.00	45.05 -1.60 0.00	51.29 -1.79 0.00	50.61 -1.73 0.00	49.91 -1.82 0.00	45.09 -1.75 0.00	25.43 -1.01 0.00	30.93 -1.18 0.00	33.36 -1.26 0.00	35.14 -1.32 0.00	32.80 -1.23 0.00	40.22 -1.48 0.00	41.18 -1.53 0.00	45.91 -1.64 0.00	45.58 -1.52 0.00	43.64 -1.39 0.00	49.58 -1.54 0.00	52.38 -1.74 0.00	48.52 -1.65 0.00	50.53 -1.89 0.00	37.45 -1.45 0.00	29.24 -1.11 0.00
SITHE_IND_GS4 24172	52.79 -1.78 0.00	48.90 -1.69 0.24	44.11 -1.51 0.00	45.05 -1.60 0.00	51.29 -1.79 0.00	50.61 -1.73 0.00	49.91 -1.82 0.00	45.09 -1.75 0.00	25.43 -1.01 0.00	30.93 -1.18 0.00	33.36 -1.26 0.00	35.14 -1.32 0.00	32.80 -1.23 0.00	40.22 -1.48 0.00	41.18 -1.53 0.00	45.91 -1.64 0.00	45.58 -1.52 0.00	43.64 -1.39 0.00	49.58 -1.54 0.00	52.38 -1.74 0.00	48.52 -1.65 0.00	50.53 -1.89 0.00	37.45 -1.45 0.00	29.24 -1.11 0.00

SITHE___BATAVIA 24024	53.82 -0.75 0.00	50.13 -0.71 0.00	44.85 -0.77 0.00	45.52 -1.12 0.00	52.09 -0.98 0.00	51.67 -0.67 0.00	50.64 -1.09 0.00	45.05 -1.78 0.00	25.22 -1.22 0.00	30.75 -1.36 0.00	33.12 -1.50 0.00	35.39 -1.06 0.00	32.96 -1.07 0.00	40.21 -1.49 0.00	40.93 -1.78 0.00	46.00 -1.56 0.00	46.07 -1.03 0.00	43.84 -1.20 0.00	49.82 -1.30 0.00	52.66 -1.46 0.00	48.72 -1.44 0.00	50.18 -2.23 0.00	36.98 -1.91 0.01	28.90 -1.45 0.00
SITHE___INDEPEND 23800	52.79 -1.79 0.00	48.90 -1.69 0.24	44.11 -1.51 0.00	45.05 -1.60 0.00	51.28 -1.79 0.00	50.61 -1.73 0.00	49.91 -1.82 0.00	45.09 -1.75 0.00	25.43 -1.01 0.00	30.92 -1.19 0.00	33.36 -1.26 0.00	35.14 -1.32 0.00	32.80 -1.23 0.00	40.21 -1.49 0.00	41.18 -1.53 0.00	45.92 -1.64 0.00	45.58 -1.52 0.00	43.64 -1.40 0.00	49.58 -1.54 0.00	52.38 -1.73 0.00	48.52 -1.65 0.00	50.53 -1.89 0.00	37.45 -1.45 0.00	29.24 -1.11 0.00
SITHE___MASSENA 23902	54.38 -0.19 0.00	50.96 0.13 0.00	45.66 0.05 0.00	46.61 -0.04 0.00	53.18 0.11 0.00	52.58 0.23 0.00	52.36 0.63 0.00	47.54 0.71 0.00	26.68 0.25 0.00	32.28 0.16 0.00	34.65 0.03 0.00	36.60 0.14 0.00	34.23 0.20 0.00	41.83 0.13 0.00	42.68 -0.03 0.00	47.41 -0.15 0.00	46.97 -0.13 0.00	44.68 -0.35 0.00	50.80 -0.33 0.00	54.25 0.13 0.00	50.41 0.25 0.00	53.36 0.94 0.00	39.71 0.81 0.00	30.76 0.41 0.00
SITHE___OGDNSBRG 24021	55.38 0.80 0.00	51.94 1.11 0.00	46.51 0.90 0.00	47.43 0.79 0.00	54.26 1.20 0.00	53.66 1.32 0.00	53.50 1.77 0.00	48.28 1.45 0.00	26.91 0.48 0.00	32.42 0.31 0.00	34.68 0.06 0.00	36.65 0.19 0.00	34.29 0.25 0.00	41.78 0.08 0.00	42.55 -0.16 0.00	47.19 -0.37 0.00	46.76 -0.34 0.00	44.46 -0.57 0.00	50.65 -0.47 0.00	54.73 0.62 0.00	51.40 1.23 0.00	54.63 2.21 0.00	40.69 1.78 0.00	31.44 1.08 0.00
SITHE___STERLING 23777	56.04 1.47 0.00	52.14 1.28 -0.02	46.67 1.06 0.00	47.73 1.08 0.00	54.40 1.33 0.00	53.68 1.34 0.00	53.00 1.27 0.00	47.85 1.02 0.00	26.94 0.50 0.00	32.65 0.54 0.00	35.11 0.49 0.00	36.92 0.46 0.00	34.46 0.43 0.00	42.25 0.55 0.00	43.26 0.55 0.00	48.24 0.68 0.00	47.92 0.82 0.00	46.04 1.00 0.00	52.48 1.35 0.00	55.72 1.61 0.00	51.79 1.62 0.00	53.97 1.55 0.00	39.96 1.06 0.00	31.11 0.76 0.00
SLEIGHT__34_KV_TB1 80719	55.17 0.60 0.00	51.26 0.40 -0.03	46.00 0.38 0.00	46.92 0.27 0.00	53.26 0.19 0.00	52.72 0.37 0.00	52.09 0.36 0.00	46.86 0.03 0.00	26.28 -0.15 0.00	31.88 -0.23 0.00	34.37 -0.25 0.00	36.27 -0.19 0.00	33.84 -0.19 0.00	41.56 -0.14 0.00	42.58 -0.13 0.00	47.62 0.06 0.00	47.47 0.37 0.00	45.51 0.47 0.00	51.78 0.66 0.00	54.77 0.66 0.00	50.85 0.69 0.00	52.68 0.26 0.00	38.88 -0.02 0.00	30.31 -0.05 0.00
SMITHTWN_69_KV_BK 1 55830	59.24 4.66 0.00	54.33 3.50 0.00	48.56 2.94 0.01	49.38 2.73 0.00	55.49 2.42 0.00	54.47 2.13 0.00	53.61 1.87 0.00	48.95 2.12 0.00	67.57 1.56 -39.58	50.17 2.26 -15.80	43.57 3.55 -5.40	40.14 3.68 0.00	64.00 3.51 -26.46	65.87 4.76 -19.41	49.92 4.83 -2.38	54.81 5.13 -2.12	51.31 4.22 0.00	49.05 4.02 0.00	55.72 4.59 0.00	57.73 3.61 0.00	53.17 3.00 0.00	55.15 2.74 0.00	41.70 2.80 0.00	34.15 2.26 -1.54
SOUTH CAIRO___GT 23612	58.01 3.44 0.00	54.00 3.16 0.00	48.61 2.99 0.00	49.80 3.15 0.00	56.55 3.49 0.00	55.75 3.41 0.00	54.81 3.08 0.00	49.35 2.52 0.00	27.76 1.33 0.00	33.82 1.71 0.00	35.88 1.26 0.00	37.17 0.71 0.00	-49.98 0.34 84.35	-48.21 0.42 90.34	39.09 0.39 4.02	47.91 0.42 0.07	47.76 0.67 0.00	46.18 1.14 0.00	52.88 1.75 0.00	56.09 1.98 0.00	52.26 2.09 0.00	54.36 1.94 0.00	40.35 1.45 0.00	31.64 1.28 0.00
SOUTH HAMPTN___IC 23720	59.25 4.68 0.00	54.36 3.53 0.00	48.62 3.00 0.01	49.40 2.76 0.00	55.63 2.56 0.00	54.58 2.23 0.00	53.77 2.04 0.00	49.16 2.33 0.00	67.69 1.68 -39.58	50.35 2.44 -15.80	43.75 3.73 -5.40	40.37 3.92 0.00	64.23 3.74 -26.46	66.26 5.14 -19.41	50.37 5.28 -2.38	55.41 5.73 -2.12	51.99 4.89 0.00	49.88 4.85 0.00	56.65 5.52 0.00	58.55 4.43 0.00	53.87 3.70 0.00	55.92 3.50 0.00	42.21 3.31 0.00	34.52 2.63 -1.54
SOUTHDOW_115KV_TB1 355954	54.12 -0.46 0.00	50.33 -0.50 0.00	45.17 -0.46 0.00	46.01 -0.64 0.00	52.73 -0.34 0.00	52.15 -0.20 0.00	51.01 -0.72 0.00	46.09 -0.74 0.00	26.17 -0.26 0.00	32.00 -0.11 0.00	34.82 0.20 0.00	37.12 0.66 0.00	34.73 0.70 0.00	42.58 0.87 0.00	43.39 0.68 0.00	48.17 0.62 0.00	48.13 1.03 0.00	45.89 0.85 0.00	51.83 0.71 0.00	54.27 0.15 0.00	49.84 -0.33 0.00	51.14 -1.28 0.00	37.71 -1.17 0.02	29.52 -0.83 0.00
SOUTHOLD_69_KV_BK 2 55809	59.72 5.15 0.00	54.84 4.01 0.00	49.13 3.52 0.01	49.91 3.27 0.00	56.37 3.30 0.00	55.26 2.91 0.00	54.50 2.76 0.00	49.89 3.06 0.00	68.02 2.00 -39.58	50.36 2.45 -15.80	43.82 3.80 -5.40	40.46 4.00 0.00	64.40 3.91 -26.46	66.55 5.43 -19.41	50.72 5.63 -2.38	55.97 6.29 -2.12	52.65 5.56 0.00	50.44 5.41 0.00	57.27 6.14 0.00	59.05 4.94 0.00	54.55 4.38 0.00	57.30 4.88 0.00	43.21 4.31 0.00	35.32 3.44 -1.54
SOUTHOLD___IC 23719	59.71 5.13 0.00	54.84 4.00 0.00	49.13 3.51 0.01	49.91 3.26 0.00	56.37 3.30 0.00	55.26 2.91 0.00	54.49 2.76 0.00	49.90 3.07 0.00	68.02 2.00 -39.58	50.37 2.46 -15.80	43.82 3.80 -5.40	40.46 4.00 0.00	64.40 3.91 -26.46	66.54 5.43 -19.41	50.71 5.63 -2.38	55.96 6.29 -2.12	52.65 5.55 0.00	50.44 5.40 0.00	57.26 6.14 0.00	59.05 4.94 0.00	54.55 4.38 0.00	57.29 4.87 0.00	43.22 4.31 0.00	35.32 3.43 -1.54
SOUTH_FORK_WT_PWR 323839	59.04 4.48 0.00	54.32 3.48 0.00	48.78 3.17 0.01	49.57 2.93 0.00	56.14 3.08 0.00	55.01 2.67 0.00	54.25 2.52 0.00	49.70 2.87 0.00	67.91 1.90 -39.58	50.67 2.76 -15.80	44.16 4.13 -5.40	40.87 4.42 0.00	64.81 4.32 -26.46	67.10 5.99 -19.41	51.28 6.20 -2.38	56.73 7.05 -2.12	53.41 6.32 0.00	51.07 6.04 0.00	57.97 6.84 0.00	59.73 5.61 0.00	54.98 4.81 0.00	57.40 4.98 0.00	43.32 4.41 0.00	35.47 3.58 -1.54
SPIERFLS_115KV_TB 1 80737	57.91 3.34 0.00	53.55 2.71 0.00	48.04 2.42 0.00	49.19 2.55 0.00	55.90 2.83 0.00	55.00 2.66 0.00	54.14 2.40 0.00	48.80 1.97 0.00	27.47 1.03 0.00	33.34 1.23 0.00	35.61 0.98 0.00	37.25 0.79 0.00	34.56 0.53 0.00	42.16 0.53 0.07	43.35 0.69 0.05	48.35 0.89 0.10	48.19 1.09 0.00	46.64 1.61 0.00	53.61 2.48 0.00	56.61 2.50 0.00	52.93 2.76 0.00	55.11 2.70 0.00	40.77 1.87 0.00	31.86 1.51 0.00
ST LAWRENCE____ 23600	53.86 -0.71 0.00	50.44 -0.40 0.00	45.21 -0.41 0.00	46.14 -0.50 0.00	52.60 -0.47 0.00	52.00 -0.34 0.00	51.75 0.02 0.00	46.97 0.14 0.00	26.40 -0.04 0.00	31.95 -0.15 0.00	34.35 -0.27 0.00	36.27 -0.19 0.00	33.91 -0.12 0.00	41.50 -0.20 0.00	42.37 -0.33 0.00	47.18 -0.38 0.00	46.74 -0.36 0.00	44.47 -0.57 0.00	50.52 -0.60 0.00	53.84 -0.28 0.00	49.94 -0.23 0.00	52.65 0.24 0.00	39.15 0.24 0.00	30.40 0.05 0.00

STATE_CA_115KV_115_LB 55624	56.28 1.71 0.00	52.38 1.54 0.00	47.16 1.54 0.00	48.31 1.67 0.00	54.86 1.79 0.00	54.00 1.66 0.00	53.12 1.39 0.00	47.95 1.12 0.00	27.12 0.69 0.00	33.04 0.93 0.00	35.37 0.74 0.00	37.02 0.56 0.00	34.45 0.42 0.00	42.06 0.43 0.08	43.21 0.55 0.05	47.97 0.52 0.11	47.64 0.54 0.00	45.81 0.78 0.00	52.00 0.88 0.00	54.71 0.59 0.00	50.82 0.66 0.00	52.87 0.45 0.00	39.42 0.52 0.00	31.05 0.70 0.00
STATE_ST_34_KV_LOAD 55959	54.75 0.18 0.00	50.91 0.03 -0.04	45.78 0.17 0.00	46.73 0.08 0.00	53.01 -0.05 0.00	52.48 0.14 0.00	51.80 0.07 0.00	46.74 -0.09 0.00	26.33 -0.10 0.00	31.86 -0.25 0.00	34.30 -0.32 0.00	36.16 -0.30 0.00	33.72 -0.31 0.00	41.42 -0.28 0.00	42.54 -0.17 0.00	47.52 -0.04 0.00	47.27 0.17 0.00	45.35 0.31 0.00	51.58 0.46 0.00	54.40 0.28 0.00	50.56 0.39 0.00	52.53 0.12 0.00	38.85 -0.06 0.00	30.33 -0.02 0.00
STATION_5_MISC_HYD 23604	53.62 -0.95 0.00	49.96 -0.88 0.00	44.73 -0.89 0.00	45.51 -1.14 0.00	51.95 -1.12 0.00	51.41 -0.93 0.00	50.53 -1.20 0.00	45.25 -1.59 0.00	25.44 -0.99 0.00	31.08 -1.03 0.00	33.56 -1.06 0.00	35.54 -0.92 0.00	33.27 -0.76 0.00	40.70 -1.00 0.00	41.52 -1.20 0.00	46.54 -1.02 0.00	46.55 -0.55 0.00	44.43 -0.60 0.00	50.39 -0.74 0.00	53.06 -1.06 0.00	48.93 -1.23 0.00	50.54 -1.87 0.00	37.32 -1.58 0.00	29.18 -1.17 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	53.77 -0.80 0.00	50.04 -0.80 -0.01	44.88 -0.74 0.00	45.72 -0.92 0.00	52.11 -0.96 0.00	51.57 -0.78 0.00	50.75 -0.98 0.00	45.60 -1.23 0.00	25.66 -0.78 0.00	31.25 -0.87 0.00	33.73 -0.90 0.00	35.61 -0.85 0.00	33.30 -0.73 0.00	40.80 -0.90 0.00	41.68 -1.02 0.00	46.65 -0.91 0.00	46.59 -0.51 0.00	44.59 -0.45 0.00	50.68 -0.45 0.00	53.44 -0.67 0.00	49.39 -0.78 0.00	51.06 -1.36 0.00	37.75 -1.16 0.00	29.47 -0.88 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	53.36 -1.21 0.00	49.69 -1.14 0.00	44.52 -1.10 0.00	45.29 -1.35 0.00	51.70 -1.37 0.00	51.16 -1.19 0.00	50.29 -1.44 0.00	45.07 -1.76 0.00	25.35 -1.08 0.00	30.96 -1.16 0.00	33.43 -1.19 0.00	35.37 -1.09 0.00	33.12 -0.91 0.00	40.50 -1.20 0.00	41.35 -1.36 0.00	46.34 -1.21 0.00	46.35 -0.74 0.00	44.25 -0.79 0.00	50.19 -0.93 0.00	52.87 -1.25 0.00	48.76 -1.41 0.00	50.36 -2.05 0.00	37.19 -1.72 0.00	29.04 -1.31 0.00
STA_56___34_KV_BUS2 355983	53.36 -1.21 0.00	49.69 -1.14 0.00	44.52 -1.10 0.00	45.29 -1.35 0.00	51.70 -1.37 0.00	51.16 -1.19 0.00	50.29 -1.44 0.00	45.07 -1.76 0.00	25.35 -1.08 0.00	30.96 -1.16 0.00	33.43 -1.19 0.00	35.37 -1.09 0.00	33.12 -0.91 0.00	40.50 -1.20 0.00	41.35 -1.36 0.00	46.34 -1.21 0.00	46.35 -0.74 0.00	44.25 -0.79 0.00	50.19 -0.93 0.00	52.87 -1.25 0.00	48.76 -1.41 0.00	50.36 -2.05 0.00	37.19 -1.72 0.00	29.04 -1.31 0.00
STA_67___115KV_BK2 355882	53.49 -1.08 0.00	49.82 -1.02 0.00	44.62 -1.00 0.00	45.39 -1.25 0.00	51.84 -1.24 0.00	51.30 -1.05 0.00	50.40 -1.33 0.00	45.13 -1.70 0.00	25.38 -1.05 0.00	30.98 -1.13 0.00	33.48 -1.14 0.00	35.44 -1.02 0.00	33.17 -0.86 0.00	40.56 -1.14 0.00	41.40 -1.32 0.00	46.40 -1.16 0.00	46.41 -0.69 0.00	44.29 -0.74 0.00	50.23 -0.90 0.00	52.89 -1.23 0.00	48.78 -1.39 0.00	50.40 -2.02 0.00	37.23 -1.68 0.00	29.09 -1.26 0.00
STA_7___115KV_9TRANS 80674	53.99 -0.58 0.00	50.26 -0.58 0.00	44.99 -0.63 0.00	45.75 -0.90 0.00	52.23 -0.84 0.00	51.69 -0.65 0.00	50.79 -0.94 0.00	45.49 -1.34 0.00	25.58 -0.85 0.00	31.24 -0.87 0.00	33.76 -0.86 0.00	35.74 -0.72 0.00	33.48 -0.56 0.00	40.94 -0.76 0.00	41.78 -0.93 0.00	46.85 -0.71 0.00	46.88 -0.21 0.00	44.76 -0.28 0.00	50.79 -0.33 0.00	53.48 -0.64 0.00	49.30 -0.87 0.00	50.90 -1.52 0.00	37.56 -1.34 0.00	29.34 -1.01 0.00
STA_82___115KV_TB1 80780	53.49 -1.08 0.00	49.83 -1.00 0.00	44.63 -0.99 0.00	45.41 -1.24 0.00	51.84 -1.23 0.00	51.31 -1.04 0.00	50.42 -1.31 0.00	45.14 -1.69 0.00	25.38 -1.05 0.00	30.98 -1.13 0.00	33.47 -1.15 0.00	35.44 -1.02 0.00	33.17 -0.86 0.00	40.55 -1.15 0.00	41.39 -1.32 0.00	46.40 -1.16 0.00	46.41 -0.69 0.00	44.29 -0.74 0.00	50.23 -0.90 0.00	52.89 -1.23 0.00	48.80 -1.36 0.00	50.42 -2.00 0.00	37.23 -1.68 0.00	29.09 -1.26 0.00
STEEL___WIND 323596	52.44 -2.13 0.00	48.95 -1.89 0.00	43.90 -1.72 0.00	44.61 -2.04 0.00	51.08 -1.99 0.00	50.62 -1.72 0.00	49.53 -2.21 0.00	44.05 -2.78 0.00	24.77 -1.66 0.00	30.35 -1.77 0.00	32.87 -1.75 0.00	35.02 -1.44 0.00	32.80 -1.23 0.00	40.06 -1.64 0.00	40.76 -1.94 0.00	45.82 -1.74 0.00	45.93 -1.17 0.00	43.67 -1.36 0.00	49.40 -1.73 0.00	51.78 -2.33 0.00	47.66 -2.51 0.00	48.99 -3.42 0.00	36.15 -2.74 0.02	28.32 -2.03 0.00
STEPHTWN_115KV_BK_2 55603	56.32 1.74 0.00	52.43 1.59 0.00	47.28 1.66 0.00	48.40 1.75 0.00	55.03 1.96 0.00	54.09 1.75 0.00	53.26 1.53 0.00	48.02 1.19 0.00	27.20 0.76 0.00	33.16 1.04 0.00	35.43 0.81 0.00	37.13 0.67 0.00	34.52 0.48 0.00	42.08 0.46 0.08	43.22 0.56 0.05	48.01 0.56 0.11	47.73 0.63 0.00	46.00 0.96 0.00	52.26 1.14 0.00	54.79 0.68 0.00	50.86 0.69 0.00	53.00 0.58 0.00	39.44 0.54 0.00	31.06 0.71 0.00
STEUBEN_REC_LFGE 323667	52.80 -1.77 0.00	49.36 -1.49 -0.01	44.69 -0.93 0.00	45.52 -1.12 0.00	52.13 -0.94 0.00	51.83 -0.51 0.00	51.05 -0.68 0.00	45.62 -1.21 0.00	25.67 -0.76 0.00	31.28 -0.83 0.00	33.85 -0.77 0.00	35.97 -0.49 0.00	33.67 -0.36 0.00	41.26 -0.44 0.00	42.03 -0.67 0.00	47.10 -0.46 0.00	47.06 -0.04 0.00	45.03 0.00 0.00	51.20 0.07 0.00	54.19 0.08 0.00	50.14 -0.03 0.00	51.69 -0.73 0.00	38.16 -0.74 0.01	29.85 -0.50 0.00
STILLWATER___SOLAR 323814	57.77 3.20 0.00	53.55 2.71 0.00	48.09 2.47 0.00	49.22 2.58 0.00	55.96 2.89 0.00	55.09 2.74 0.00	54.21 2.48 0.00	48.85 2.02 0.00	27.54 1.10 0.00	33.49 1.38 0.00	35.91 1.28 0.00	37.58 1.12 0.00	34.90 0.87 0.00	42.64 1.02 0.08	43.80 1.14 0.05	48.75 1.29 0.10	48.51 1.41 0.00	46.82 1.79 0.00	53.51 2.39 0.00	56.50 2.38 0.00	52.62 2.45 0.00	54.78 2.36 0.00	40.64 1.74 0.00	31.77 1.42 0.00
STONY___BROOK 24151	59.07 4.50 0.00	54.19 3.36 0.00	48.46 2.84 0.01	49.26 2.61 0.00	55.36 2.29 0.00	54.34 2.00 0.00	53.49 1.76 0.00	48.85 2.02 0.00	67.48 1.47 -39.58	50.06 2.15 -15.80	43.47 3.45 -5.40	40.03 3.58 0.00	63.87 3.38 -26.46	65.73 4.61 -19.41	49.77 4.69 -2.38	54.63 4.96 -2.12	51.17 4.07 0.00	48.86 3.83 0.00	55.56 4.43 0.00	57.61 3.49 0.00	53.05 2.89 0.00	55.02 2.60 0.00	41.61 2.71 0.00	34.07 2.18 -1.54
STURGEON_POOL_HYD 23609	57.89 3.32 0.00	53.35 2.51 0.00	47.87 2.25 0.00	48.93 2.29 0.00	55.33 2.26 0.00	54.38 2.04 0.00	53.47 1.74 0.00	48.48 1.65 0.00	27.61 1.18 0.00	33.66 1.54 0.00	36.63 2.01 0.00	38.59 2.13 0.00	17.57 2.10 18.57	24.59 2.76 19.87	44.80 2.97 0.88	50.87 3.31 0.00	50.44 3.34 0.00	48.48 3.44 0.00	54.72 3.60 0.00	57.16 3.05 0.00	52.84 2.67 0.00	54.75 2.34 0.00	40.75 1.84 0.00	31.84 1.49 0.00

ST_LAW_115_BK7_LBMP 345037	53.85 -0.73 0.00	50.44 -0.40 0.00	45.21 -0.41 0.00	46.14 -0.50 0.00	52.60 -0.47 0.00	52.00 -0.34 0.00	51.78 0.05 0.00	47.00 0.17 0.00	26.40 -0.04 0.00	31.95 -0.16 0.00	34.34 -0.28 0.00	36.27 -0.19 0.00	33.91 -0.12 0.00	41.47 -0.24 0.00	42.35 -0.36 0.00	47.13 -0.43 0.00	46.69 -0.41 0.00	44.41 -0.63 0.00	50.46 -0.67 0.00	53.82 -0.29 0.00	49.93 -0.24 0.00	52.70 0.28 0.00	39.19 0.28 0.00	30.42 0.07 0.00
ST_LAW_115_BK8_LBMP 345038	53.85 -0.73 0.00	50.44 -0.40 0.00	45.21 -0.41 0.00	46.14 -0.50 0.00	52.60 -0.47 0.00	52.00 -0.34 0.00	51.78 0.05 0.00	47.00 0.17 0.00	26.40 -0.04 0.00	31.95 -0.16 0.00	34.34 -0.28 0.00	36.27 -0.19 0.00	33.91 -0.12 0.00	41.47 -0.24 0.00	42.35 -0.36 0.00	47.13 -0.43 0.00	46.69 -0.41 0.00	44.41 -0.63 0.00	50.46 -0.67 0.00	53.82 -0.29 0.00	49.93 -0.24 0.00	52.70 0.28 0.00	39.19 0.28 0.00	30.42 0.07 0.00
ST_LAW_230_BK5_LBMP 345035	53.86 -0.71 0.00	50.44 -0.40 0.00	45.21 -0.41 0.00	46.14 -0.50 0.00	52.60 -0.47 0.00	52.00 -0.34 0.00	51.75 0.02 0.00	46.97 0.14 0.00	26.40 -0.04 0.00	31.95 -0.15 0.00	34.35 -0.27 0.00	36.27 -0.19 0.00	33.91 -0.12 0.00	41.50 -0.20 0.00	42.37 -0.33 0.00	47.18 -0.38 0.00	46.74 -0.36 0.00	44.47 -0.57 0.00	50.52 -0.60 0.00	53.84 -0.28 0.00	49.94 -0.23 0.00	52.65 0.24 0.00	39.15 0.24 0.00	30.40 0.05 0.00
ST_LAW_230_BK6_LBMP 345036	53.86 -0.71 0.00	50.44 -0.40 0.00	45.21 -0.41 0.00	46.14 -0.50 0.00	52.60 -0.47 0.00	52.00 -0.34 0.00	51.75 0.02 0.00	46.97 0.14 0.00	26.40 -0.04 0.00	31.95 -0.15 0.00	34.35 -0.27 0.00	36.27 -0.19 0.00	33.91 -0.12 0.00	41.50 -0.20 0.00	42.37 -0.33 0.00	47.18 -0.38 0.00	46.74 -0.36 0.00	44.47 -0.57 0.00	50.52 -0.60 0.00	53.84 -0.28 0.00	49.94 -0.23 0.00	52.65 0.24 0.00	39.15 0.24 0.00	30.40 0.05 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	57.42 2.85 0.00	52.99 2.16 0.00	47.57 1.96 0.00	48.64 2.00 0.00	54.95 1.87 0.00	54.02 1.67 0.00	53.11 1.38 0.00	48.18 1.35 0.00	-11.59 1.02 39.05	20.28 1.39 13.22	36.20 1.93 0.34	38.57 2.11 0.00	35.08 2.03 0.99	45.01 2.63 -0.68	45.95 2.82 -0.42	51.58 3.11 -0.91	50.20 3.10 0.00	48.20 3.16 0.00	54.40 3.27 0.00	56.85 2.73 0.00	52.54 2.37 0.00	54.42 2.00 0.00	40.50 1.60 0.00	30.18 1.35 1.52
SWANROAD_115KV_TB1 355699	51.31 -3.27 0.00	47.94 -2.90 0.00	42.96 -2.65 0.00	43.57 -3.08 0.00	49.91 -3.16 0.00	49.54 -2.81 0.00	48.40 -3.33 0.00	42.98 -3.86 0.00	24.10 -2.33 0.00	29.51 -2.60 0.00	31.90 -2.73 0.00	34.00 -2.46 0.00	31.83 -2.20 0.00	38.70 -3.00 0.00	39.32 -3.39 0.00	44.15 -3.41 0.00	44.22 -2.88 0.00	41.91 -3.12 0.00	47.39 -3.74 0.00	49.69 -4.43 0.00	45.80 -4.37 0.00	47.09 -5.33 0.00	34.79 -4.10 0.02	27.33 -3.02 0.00
SYNERGY___BIOGAS 323694	53.81 -0.76 0.00	50.13 -0.71 0.00	44.85 -0.77 0.00	45.52 -1.12 0.00	52.09 -0.98 0.00	51.67 -0.67 0.00	50.63 -1.10 0.00	45.05 -1.78 0.00	25.20 -1.23 0.00	30.73 -1.38 0.00	33.12 -1.50 0.00	35.39 -1.07 0.00	32.96 -1.08 0.00	40.17 -1.53 0.00	40.93 -1.77 0.00	46.00 -1.56 0.00	46.07 -1.03 0.00	43.83 -1.20 0.00	49.82 -1.30 0.00	52.66 -1.46 0.00	48.72 -1.45 0.00	50.18 -2.23 0.00	36.98 -1.92 0.01	28.88 -1.47 0.00
SYRACUSE___ENERGY_ST1 323597	54.23 -0.35 0.00	50.48 -0.40 -0.05	45.11 -0.51 0.00	45.93 -0.72 0.00	52.21 -0.86 0.00	51.56 -0.78 0.00	50.90 -0.83 0.00	46.15 -0.68 0.00	25.97 -0.46 0.00	31.60 -0.51 0.00	34.14 -0.48 0.00	35.88 -0.57 0.00	33.42 -0.61 0.00	41.21 -0.49 0.00	42.25 -0.46 0.00	47.15 -0.41 0.00	46.84 -0.25 0.00	44.92 -0.12 0.00	51.04 -0.08 0.00	53.91 -0.21 0.00	49.91 -0.26 0.00	51.89 -0.53 0.00	38.43 -0.47 0.00	29.98 -0.37 0.00
SYRACUSE___ENERGY_ST2 323598	54.23 -0.35 0.00	50.48 -0.40 -0.05	45.11 -0.51 0.00	45.93 -0.72 0.00	52.21 -0.86 0.00	51.56 -0.78 0.00	50.90 -0.83 0.00	46.15 -0.68 0.00	25.97 -0.46 0.00	31.60 -0.51 0.00	34.14 -0.48 0.00	35.88 -0.57 0.00	33.42 -0.61 0.00	41.21 -0.49 0.00	42.25 -0.46 0.00	47.15 -0.41 0.00	46.84 -0.25 0.00	44.92 -0.12 0.00	51.04 -0.08 0.00	53.91 -0.21 0.00	49.91 -0.26 0.00	51.89 -0.53 0.00	38.43 -0.47 0.00	29.98 -0.37 0.00
SYRACUSE___POWER 24017	54.20 -0.37 0.00	50.42 -0.45 -0.03	45.15 -0.47 0.00	46.08 -0.57 0.00	52.46 -0.61 0.00	51.76 -0.58 0.00	51.05 -0.68 0.00	46.14 -0.69 0.00	26.01 -0.42 0.00	31.66 -0.45 0.00	34.17 -0.45 0.00	35.98 -0.48 0.00	33.55 -0.48 0.00	41.24 -0.46 0.00	42.24 -0.47 0.00	47.13 -0.43 0.00	46.83 -0.27 0.00	44.90 -0.13 0.00	51.03 -0.10 0.00	53.92 -0.20 0.00	49.90 -0.27 0.00	51.85 -0.57 0.00	38.39 -0.51 0.00	29.95 -0.39 0.00
TALLMAN_138KV_BK151 55660	57.69 3.12 0.00	53.18 2.34 0.00	47.72 2.11 0.00	48.79 2.14 0.00	55.01 1.94 0.00	54.06 1.72 0.00	53.16 1.43 0.00	48.31 1.48 0.00	-24.94 1.15 52.53	15.88 1.56 17.79	36.39 2.23 0.46	38.95 2.49 0.00	35.12 2.42 1.33	45.77 3.12 -0.94	46.62 3.33 -0.58	52.47 3.66 -1.26	50.72 3.63 0.00	48.68 3.65 0.00	54.85 3.73 0.00	57.21 3.09 0.00	52.83 2.66 0.00	54.66 2.25 0.00	40.71 1.81 0.00	29.87 1.56 2.04
TEALLAVE_115KV_TB7 355573	53.87 -0.71 0.00	50.12 -0.74 -0.03	44.92 -0.70 0.00	45.85 -0.80 0.00	52.20 -0.87 0.00	51.51 -0.83 0.00	50.78 -0.96 0.00	45.87 -0.96 0.00	25.87 -0.56 0.00	31.49 -0.63 0.00	33.99 -0.63 0.00	35.81 -0.65 0.00	33.40 -0.63 0.00	41.01 -0.69 0.00	42.00 -0.71 0.00	46.87 -0.69 0.00	46.57 -0.53 0.00	44.63 -0.41 0.00	50.70 -0.42 0.00	53.54 -0.58 0.00	49.55 -0.62 0.00	51.50 -0.92 0.00	38.13 -0.77 0.00	29.75 -0.60 0.00
TELGRAPH_34_KV_EAST 80808	52.44 -2.13 0.00	48.95 -1.88 0.00	43.83 -1.79 0.00	44.48 -2.17 0.00	50.91 -2.16 0.00	50.51 -1.83 0.00	49.41 -2.32 0.00	43.92 -2.91 0.00	24.63 -1.81 0.00	30.11 -2.00 0.00	32.52 -2.11 0.00	34.78 -1.68 0.00	32.43 -1.60 0.00	39.49 -2.21 0.00	40.18 -2.53 0.00	45.13 -2.43 0.00	45.20 -1.90 0.00	42.92 -2.12 0.00	48.62 -2.51 0.00	51.12 -3.00 0.00	47.19 -2.98 0.00	48.57 -3.85 0.00	35.84 -3.05 0.02	28.08 -2.27 0.00
TEMPLE___115KV_TB 2 55572	53.89 -0.69 0.00	50.15 -0.72 -0.03	44.93 -0.69 0.00	45.86 -0.78 0.00	52.22 -0.84 0.00	51.52 -0.82 0.00	50.79 -0.94 0.00	45.89 -0.94 0.00	25.88 -0.55 0.00	31.50 -0.61 0.00	34.02 -0.60 0.00	35.83 -0.63 0.00	33.43 -0.60 0.00	41.04 -0.66 0.00	42.04 -0.67 0.00	46.91 -0.65 0.00	46.60 -0.50 0.00	44.66 -0.37 0.00	50.73 -0.39 0.00	53.57 -0.55 0.00	49.56 -0.61 0.00	51.51 -0.91 0.00	38.14 -0.76 0.00	29.76 -0.60 0.00
TIANA____69_KV_BK 1 55817	59.20 4.63 0.00	54.29 3.46 0.00	48.53 2.91 0.01	49.31 2.67 0.00	55.50 2.43 0.00	54.43 2.09 0.00	53.63 1.90 0.00	49.01 2.18 0.00	67.62 1.61 -39.58	50.23 2.32 -15.80	43.62 3.60 -5.40	40.21 3.75 0.00	64.07 3.58 -26.46	66.04 4.92 -19.41	50.14 5.05 -2.38	55.09 5.41 -2.12	51.68 4.58 0.00	49.60 4.56 0.00	56.32 5.20 0.00	58.25 4.14 0.00	53.62 3.45 0.00	55.63 3.22 0.00	42.00 3.09 0.00	34.34 2.46 -1.54

TILDEN___115KV_TB1 80814	54.20 -0.37 0.00	50.42 -0.45 -0.03	45.15 -0.47 0.00	46.08 -0.57 0.00	52.46 -0.61 0.00	51.76 -0.58 0.00	51.05 -0.68 0.00	46.14 -0.69 0.00	26.01 -0.42 0.00	31.66 -0.45 0.00	34.17 -0.45 0.00	35.98 -0.48 0.00	33.55 -0.48 0.00	41.24 -0.46 0.00	42.24 -0.47 0.00	47.13 -0.43 0.00	46.83 -0.27 0.00	44.90 -0.13 0.00	51.03 -0.10 0.00	53.92 -0.20 0.00	49.90 -0.27 0.00	51.85 -0.57 0.00	38.39 -0.51 0.00	29.95 -0.39 0.00
TRIGEN___CC 323695	58.46 3.89 0.00	53.88 3.05 0.00	48.31 2.69 -0.01	49.26 2.62 0.00	55.46 2.39 0.00	54.48 2.14 0.00	53.57 1.84 0.00	48.79 1.96 0.00	67.48 1.47 -39.58	49.96 2.05 -15.80	42.99 2.97 -5.40	39.60 3.13 0.00	63.77 3.05 -26.69	65.06 3.94 -19.41	49.27 4.18 -2.38	54.14 4.46 -2.12	50.99 3.90 0.00	48.95 3.92 0.00	55.24 4.12 0.00	57.35 3.23 0.00	52.99 2.82 0.00	55.01 2.59 0.00	41.34 2.44 0.00	33.91 2.03 -1.54
TRINITY___115KV___4 BK 55933	56.02 1.44 0.00	52.13 1.30 0.00	46.96 1.34 0.00	48.12 1.47 0.00	54.64 1.58 0.00	53.79 1.45 0.00	52.91 1.18 0.00	47.77 0.94 0.00	27.00 0.57 0.00	32.90 0.79 0.00	35.20 0.58 0.00	36.84 0.38 0.00	34.27 0.24 0.00	41.85 0.23 0.08	42.98 0.32 0.05	47.70 0.25 0.11	47.35 0.25 0.00	45.53 0.49 0.00	51.69 0.56 0.00	54.35 0.24 0.00	50.53 0.36 0.00	52.60 0.18 0.00	39.23 0.32 0.00	30.92 0.57 0.00
UNION___PROCESSING_DRP 323587	53.51 -1.07 0.00	49.84 -1.00 0.00	44.64 -0.98 0.00	45.42 -1.23 0.00	51.86 -1.21 0.00	51.32 -1.02 0.00	50.43 -1.30 0.00	45.15 -1.68 0.00	25.39 -1.05 0.00	30.98 -1.13 0.00	33.48 -1.14 0.00	35.44 -1.02 0.00	33.17 -0.86 0.00	40.56 -1.14 0.00	41.40 -1.32 0.00	46.41 -1.15 0.00	46.41 -0.68 0.00	44.30 -0.74 0.00	50.23 -0.89 0.00	52.92 -1.19 0.00	48.82 -1.34 0.00	50.43 -1.99 0.00	37.24 -1.66 0.00	29.11 -1.24 0.00
UPPER HUDSON___HYD 24058	57.91 3.34 0.00	53.54 2.71 0.00	48.04 2.42 0.00	49.19 2.54 0.00	55.90 2.83 0.00	55.00 2.66 0.00	54.14 2.41 0.00	48.80 1.97 0.00	27.47 1.03 0.00	33.34 1.23 0.00	35.61 0.98 0.00	37.25 0.79 0.00	34.56 0.53 0.00	42.15 0.53 0.07	43.35 0.69 0.05	48.35 0.89 0.10	48.18 1.09 0.00	46.64 1.61 0.00	53.61 2.48 0.00	56.61 2.50 0.00	52.93 2.76 0.00	55.12 2.70 0.00	40.77 1.87 0.00	31.86 1.51 0.00
UPPER RAQUET___HYD 24056	54.28 -0.29 0.00	50.94 0.10 -0.01	45.60 -0.02 0.00	46.57 -0.08 0.00	53.48 0.41 0.00	52.87 0.53 0.00	52.70 0.96 0.00	47.77 0.94 0.00	26.73 0.30 0.00	32.27 0.16 0.00	34.46 -0.16 0.00	36.41 -0.05 0.00	34.05 0.02 0.00	41.40 -0.31 0.00	42.07 -0.64 0.00	46.48 -1.08 0.00	46.07 -1.03 0.00	43.87 -1.16 0.00	49.99 -1.14 0.00	53.71 -0.40 0.00	50.30 0.13 0.00	53.54 1.12 0.00	40.05 1.15 0.00	31.00 0.66 0.00
VALLEY44_115KV_TB2 355964	52.64 -1.93 0.00	49.15 -1.69 0.00	44.17 -1.44 0.00	45.06 -1.59 0.00	51.50 -1.57 0.00	50.89 -1.46 0.00	49.90 -1.83 0.00	44.63 -2.20 0.00	25.29 -1.15 0.00	30.93 -1.19 0.00	33.64 -0.98 0.00	35.75 -0.70 0.00	33.43 -0.60 0.00	40.88 -0.82 0.00	41.66 -1.05 0.00	46.65 -0.90 0.00	46.54 -0.56 0.00	44.34 -0.69 0.00	50.03 -1.09 0.00	52.48 -1.64 0.00	48.30 -1.87 0.00	49.79 -2.63 0.00	36.82 -2.06 0.02	28.95 -1.40 0.00
VALLEY___115KV_TB 1-4 80826	55.70 1.13 0.00	51.60 0.76 0.00	46.37 0.75 0.00	47.52 0.87 0.00	54.06 0.99 0.00	53.28 0.93 0.00	52.50 0.76 0.00	47.19 0.36 0.00	26.60 0.17 0.00	32.42 0.31 0.00	34.87 0.25 0.00	36.46 0.00 0.00	33.94 -0.09 0.00	41.54 -0.16 0.00	42.65 -0.06 0.00	47.26 -0.30 0.00	46.85 -0.25 0.00	45.21 0.18 0.00	51.71 0.58 0.00	54.83 0.72 0.00	51.05 0.89 0.00	53.13 0.72 0.00	39.42 0.52 0.00	30.88 0.53 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	56.78 2.21 0.00	52.66 1.81 -0.01	47.29 1.68 0.00	48.44 1.80 0.00	55.13 2.06 0.00	54.35 2.00 0.00	53.44 1.70 0.00	48.24 1.40 0.00	27.33 0.90 0.00	33.30 1.19 0.00	36.10 1.48 0.00	38.19 1.73 0.00	35.68 1.64 0.00	43.86 2.12 -0.04	44.93 2.20 -0.03	49.96 2.33 -0.06	49.46 2.36 0.00	47.52 2.48 0.00	53.95 2.82 0.00	56.83 2.71 0.00	52.49 2.33 0.00	54.51 2.09 0.00	40.39 1.48 0.00	31.49 1.14 0.00
VISCHER___FERRY HYD 24020	57.06 2.48 0.00	52.98 2.15 0.00	47.63 2.02 0.00	48.78 2.14 0.00	55.41 2.34 0.00	54.56 2.22 0.00	53.67 1.94 0.00	48.43 1.60 0.00	27.33 0.89 0.00	33.29 1.18 0.00	35.69 1.07 0.00	37.36 0.91 0.00	34.75 0.72 0.00	42.47 0.85 0.08	43.63 0.98 0.05	48.45 1.01 0.11	48.14 1.04 0.00	46.36 1.32 0.00	52.77 1.64 0.00	55.56 1.44 0.00	51.75 1.58 0.00	53.89 1.48 0.00	40.06 1.15 0.00	31.38 1.03 0.00
V_A_10_SYNC_DSASP 323832	52.24 -2.33 0.00	48.79 -2.04 0.00	43.75 -1.87 0.00	44.46 -2.18 0.00	50.86 -2.21 0.00	50.39 -1.96 0.00	49.37 -2.36 0.00	44.01 -2.82 0.00	24.73 -1.71 0.00	30.25 -1.86 0.00	32.71 -1.91 0.00	34.75 -1.71 0.00	32.53 -1.50 0.00	39.69 -2.02 0.00	40.41 -2.30 0.00	45.37 -2.19 0.00	45.45 -1.64 0.00	43.22 -1.82 0.00	48.88 -2.25 0.00	51.31 -2.80 0.00	47.28 -2.88 0.00	48.73 -3.68 0.00	36.04 -2.87 -0.01	28.24 -2.10 0.00
V_CMM_10_SYNC_DSASP 323787	54.11 -0.46 0.00	50.70 -0.13 0.00	45.44 -0.18 0.00	46.38 -0.27 0.00	52.86 -0.20 0.00	52.26 -0.08 0.00	52.04 0.31 0.00	47.22 0.39 0.00	26.52 0.09 0.00	32.11 0.00 0.00	34.52 -0.10 0.00	36.44 -0.02 0.00	34.08 0.05 0.00	41.67 -0.03 0.00	42.57 -0.14 0.00	47.38 -0.19 0.00	46.93 -0.17 0.00	44.65 -0.39 0.00	50.72 -0.40 0.00	54.10 -0.02 0.00	50.19 0.03 0.00	52.97 0.55 0.00	39.39 0.49 0.00	30.57 0.21 0.00
V_CMP_10_SYNC_DSASP 323788	53.91 -0.66 0.00	50.39 -0.44 0.00	45.24 -0.38 0.00	46.33 -0.32 0.00	52.97 -0.10 0.00	52.47 0.13 0.00	52.39 0.66 0.00	47.48 0.64 0.00	26.59 0.15 0.00	32.13 0.02 0.00	34.41 -0.21 0.00	36.32 -0.14 0.00	34.02 -0.02 0.00	41.63 -0.07 0.00	42.65 -0.06 0.00	47.44 -0.12 0.00	47.06 -0.04 0.00	44.80 -0.24 0.00	50.99 -0.13 0.00	54.30 0.18 0.00	50.46 0.29 0.00	53.27 0.85 0.00	39.81 0.91 0.00	31.06 0.71 0.00
V_D_10_SYNC_DSASP 323841	54.37 -0.20 0.00	50.96 0.13 0.00	45.66 0.05 0.00	46.60 -0.05 0.00	53.17 0.11 0.00	52.57 0.23 0.00	52.36 0.63 0.00	47.53 0.70 0.00	26.68 0.25 0.00	32.28 0.16 0.00	34.65 0.03 0.00	36.59 0.13 0.00	34.23 0.20 0.00	41.83 0.13 0.00	42.68 -0.03 0.00	47.41 -0.14 0.00	46.97 -0.12 0.00	44.69 -0.35 0.00	50.80 -0.32 0.00	54.25 0.14 0.00	50.41 0.25 0.00	53.34 0.92 0.00	39.70 0.80 0.00	30.75 0.40 0.00
V_E_10_SYNC_DSASP 323830	56.30 1.73 0.00	52.18 1.33 -0.02	46.96 1.34 0.00	47.74 1.09 0.00	54.65 1.58 0.00	54.75 2.41 0.00	54.36 2.63 0.00	49.16 2.33 0.00	27.65 1.22 0.00	33.52 1.40 0.00	36.28 1.66 0.00	38.10 1.64 0.00	35.57 1.54 0.00	43.95 2.25 0.00	44.98 2.27 0.00	50.25 2.69 0.00	50.08 2.98 0.00	48.34 3.30 0.00	55.31 4.19 0.00	58.83 4.71 0.00	54.44 4.27 0.00	56.44 4.02 0.00	41.56 2.66 0.00	32.33 1.98 0.00

V_F_30_NSYNC___DSASP 323816	57.82 3.25 0.00	53.60 2.76 0.00	48.14 2.52 0.00	49.26 2.61 0.00	56.00 2.93 0.00	55.13 2.79 0.00	54.27 2.54 0.00	48.90 2.07 0.00	27.56 1.13 0.00	33.54 1.43 0.00	35.97 1.36 0.00	37.67 1.21 0.00	35.00 0.97 0.00	42.77 1.14 0.08	43.93 1.26 0.05	48.88 1.42 0.10	48.64 1.55 0.00	46.93 1.89 0.00	53.62 2.50 0.00	56.61 2.49 0.00	52.69 2.52 0.00	54.84 2.42 0.00	40.68 1.78 0.00	31.79 1.44 0.00
V_F_30_SYNC_DSASP 323786	56.27 1.70 0.00	52.36 1.53 0.00	47.15 1.53 0.00	48.30 1.65 0.00	54.86 1.79 0.00	54.00 1.66 0.00	53.12 1.39 0.00	47.95 1.12 0.00	27.11 0.68 0.00	33.04 0.93 0.00	35.36 0.74 0.00	37.01 0.56 0.00	34.44 0.41 0.00	42.05 0.43 0.08	43.20 0.53 0.05	47.97 0.52 0.11	47.62 0.53 0.00	45.80 0.76 0.00	52.00 0.88 0.00	54.70 0.59 0.00	50.82 0.66 0.00	52.87 0.45 0.00	39.42 0.51 0.00	31.05 0.70 0.00
V_XM_10_SYNC_DSASP 323789	53.91 -0.66 0.00	50.39 -0.44 0.00	45.24 -0.38 0.00	46.33 -0.32 0.00	52.97 -0.10 0.00	52.47 0.13 0.00	52.39 0.66 0.00	47.48 0.64 0.00	26.59 0.15 0.00	32.13 0.02 0.00	34.41 -0.21 0.00	36.32 -0.14 0.00	34.02 -0.02 0.00	41.63 -0.07 0.00	42.65 -0.06 0.00	47.44 -0.12 0.00	47.06 -0.04 0.00	44.80 -0.24 0.00	50.99 -0.13 0.00	54.30 0.18 0.00	50.46 0.29 0.00	53.27 0.85 0.00	39.81 0.91 0.00	31.06 0.71 0.00
W.BABYLN_69_KV_BK1 56697	59.74 5.17 0.00	54.85 4.01 0.00	49.05 3.43 0.00	49.90 3.25 0.00	56.11 3.04 0.00	55.07 2.73 0.00	54.21 2.47 0.00	49.45 2.62 0.00	67.88 1.87 -39.58	50.50 2.58 -15.80	43.77 3.75 -5.40	40.35 3.89 0.00	64.28 3.75 -26.50	66.08 4.97 -19.41	50.22 5.13 -2.38	55.17 5.49 -2.12	51.78 4.68 0.00	49.64 4.61 0.00	56.22 5.10 0.00	58.24 4.13 0.00	53.73 3.56 0.00	55.77 3.36 0.00	42.11 3.20 0.00	34.43 2.55 -1.54
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	57.88 3.31 0.00	53.36 2.53 0.00	47.88 2.26 0.00	48.94 2.30 0.00	55.21 2.14 0.00	54.24 1.90 0.00	53.37 1.64 0.00	48.49 1.66 0.00	-29.22 1.24 56.89	14.52 1.68 19.27	36.47 2.36 0.50	39.06 2.60 0.00	35.11 2.52 1.44	45.97 3.24 -1.03	46.80 3.46 -0.63	52.74 3.81 -1.37	50.89 3.79 0.00	48.83 3.80 0.00	55.03 3.90 0.00	57.39 3.28 0.00	53.00 2.84 0.00	54.85 2.43 0.00	40.84 1.94 0.00	29.80 1.66 2.21
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	58.14 3.57 0.00	53.56 2.73 0.00	48.12 2.50 0.00	49.19 2.54 0.00	55.32 2.26 0.00	54.40 2.06 0.00	53.57 1.84 0.00	48.81 1.98 0.00	67.75 1.49 -39.83	47.57 1.97 -13.49	37.72 2.75 -0.35	39.50 3.04 0.00	37.99 2.95 -1.01	47.04 3.78 -1.57	47.68 4.01 -0.96	54.04 4.39 -2.09	51.40 4.30 0.00	49.26 4.22 0.00	55.35 4.22 0.00	57.59 3.48 0.00	53.23 3.07 0.00	55.09 2.67 0.00	41.23 2.33 0.00	33.86 1.97 -1.55
W50THST__13_KV_LOAD 356117	58.44 3.87 0.00	53.79 2.95 0.00	48.34 2.72 0.00	49.43 2.78 0.00	55.57 2.50 0.00	54.68 2.33 0.00	53.92 2.19 0.00	49.17 2.34 0.00	67.98 1.72 -39.83	47.85 2.25 -13.49	38.05 3.07 -0.35	39.84 3.38 0.00	38.32 3.28 -1.01	47.43 4.17 -1.57	48.10 4.43 -0.96	54.53 4.88 -2.09	51.87 4.78 0.00	49.70 4.67 0.00	55.75 4.63 0.00	57.96 3.85 0.00	53.57 3.40 0.00	55.41 2.99 0.00	41.47 2.57 0.00	34.07 2.18 -1.55
WADING RIVER_IC_1 23522	58.41 3.84 0.00	53.57 2.73 0.00	47.88 2.26 0.01	48.68 2.03 0.00	54.72 1.66 0.00	53.69 1.35 0.00	52.87 1.14 0.00	48.32 1.49 0.00	67.20 1.19 -39.58	49.70 1.79 -15.80	43.01 2.99 -5.40	39.55 3.10 0.00	63.42 2.93 -26.46	65.22 4.10 -19.41	49.28 4.20 -2.38	54.09 4.41 -2.12	50.66 3.57 0.00	48.60 3.56 0.00	55.19 4.07 0.00	57.14 3.02 0.00	52.64 2.47 0.00	54.61 2.19 0.00	41.29 2.38 0.00	33.78 1.90 -1.54
WADING RIVER_IC_2 23547	58.41 3.84 0.00	53.57 2.73 0.00	47.88 2.26 0.01	48.68 2.03 0.00	54.72 1.66 0.00	53.69 1.35 0.00	52.87 1.14 0.00	48.32 1.49 0.00	67.20 1.19 -39.58	49.70 1.79 -15.80	43.01 2.99 -5.40	39.55 3.10 0.00	63.42 2.93 -26.46	65.22 4.10 -19.41	49.28 4.20 -2.38	54.09 4.41 -2.12	50.66 3.57 0.00	48.60 3.56 0.00	55.19 4.07 0.00	57.14 3.02 0.00	52.64 2.47 0.00	54.61 2.19 0.00	41.29 2.38 0.00	33.78 1.90 -1.54
WADING RIVER_IC_3 23601	58.41 3.84 0.00	53.57 2.73 0.00	47.88 2.26 0.01	48.68 2.03 0.00	54.72 1.66 0.00	53.69 1.35 0.00	52.87 1.14 0.00	48.32 1.49 0.00	67.20 1.19 -39.58	49.70 1.79 -15.80	43.01 2.99 -5.40	39.55 3.10 0.00	63.42 2.93 -26.46	65.22 4.10 -19.41	49.28 4.20 -2.38	54.09 4.41 -2.12	50.66 3.57 0.00	48.60 3.56 0.00	55.19 4.07 0.00	57.14 3.02 0.00	52.64 2.47 0.00	54.61 2.19 0.00	41.29 2.38 0.00	33.78 1.90 -1.54
WALDENNY_12_KV_BK2 80841	52.51 -2.06 0.00	49.00 -1.83 0.00	43.95 -1.67 0.00	44.64 -2.01 0.00	51.12 -1.95 0.00	50.67 -1.68 0.00	49.57 -2.16 0.00	44.12 -2.72 0.00	24.81 -1.63 0.00	30.39 -1.72 0.00	32.93 -1.69 0.00	35.10 -1.36 0.00	32.87 -1.16 0.00	40.10 -1.60 0.00	40.84 -1.87 0.00	45.90 -1.66 0.00	45.98 -1.11 0.00	43.71 -1.33 0.00	49.42 -1.71 0.00	51.82 -2.30 0.00	47.68 -2.49 0.00	48.99 -3.43 0.00	36.14 -2.74 0.02	28.32 -2.04 0.00
WALDEN___HYDRO 24148	57.84 3.27 0.00	53.37 2.53 0.00	47.90 2.28 0.00	48.95 2.30 0.00	55.31 2.24 0.00	54.37 2.03 0.00	53.48 1.75 0.00	48.50 1.67 0.00	14.45 1.18 13.16	29.24 1.57 4.44	36.59 2.09 0.11	38.70 2.24 0.00	35.84 2.14 0.33	44.66 2.75 -0.20	45.81 2.98 -0.12	51.14 3.31 -0.27	50.42 3.32 0.00	48.45 3.41 0.00	54.72 3.59 0.00	57.19 3.08 0.00	52.88 2.71 0.00	54.77 2.35 0.00	40.75 1.85 0.00	31.37 1.53 0.50
WARRENSBURG____ 23737	57.91 3.34 0.00	53.55 2.71 0.00	48.04 2.42 0.00	49.19 2.55 0.00	55.90 2.83 0.00	55.00 2.66 0.00	54.14 2.40 0.00	48.80 1.97 0.00	27.47 1.03 0.00	33.34 1.23 0.00	35.61 0.98 0.00	37.25 0.79 0.00	34.56 0.53 0.00	42.16 0.53 0.07	43.35 0.69 0.05	48.35 0.89 0.10	48.19 1.09 0.00	46.64 1.61 0.00	53.61 2.48 0.00	56.61 2.50 0.00	52.93 2.76 0.00	55.11 2.70 0.00	40.77 1.87 0.00	31.86 1.51 0.00
WATERSIDE____6 8 9 23538	54.77 3.05 2.86	52.55 2.28 0.56	47.78 2.16 0.00	48.81 2.16 0.00	54.91 1.84 0.00	53.92 1.57 0.00	53.13 1.40 0.00	48.49 1.66 0.00	67.47 1.31 -39.73	47.33 1.76 -13.46	37.57 2.60 -0.35	39.25 2.79 0.00	37.84 2.81 -1.00	46.81 3.54 -1.57	47.57 3.89 -0.97	53.86 4.20 -2.10	51.23 4.13 0.00	49.03 3.99 0.00	55.01 3.89 0.00	57.31 3.20 0.00	53.02 2.85 0.00	54.84 2.42 0.00	41.12 2.22 0.00	33.84 1.95 -1.54
WATKINRD_115KV_LN8_ILLION 55919	55.45 0.87 0.00	51.43 0.59 0.00	46.20 0.59 0.00	47.33 0.69 0.00	53.84 0.77 0.00	53.05 0.71 0.00	52.27 0.54 0.00	47.06 0.23 0.00	26.55 0.11 0.00	32.34 0.23 0.00	34.80 0.17 0.00	36.44 -0.02 0.00	33.94 -0.09 0.00	41.56 -0.14 0.00	42.65 -0.06 0.00	47.33 -0.23 0.00	46.90 -0.20 0.00	45.17 0.13 0.00	51.53 0.41 0.00	54.58 0.47 0.00	50.77 0.60 0.00	52.88 0.47 0.00	39.23 0.33 0.00	30.71 0.36 0.00

WDELAWARE___HYD 323627	56.27 1.70 0.00	51.87 1.03 0.00	46.48 0.86 0.00	47.48 0.83 0.00	53.69 0.62 0.00	52.77 0.43 0.00	51.90 0.17 0.00	47.06 0.23 0.00	16.46 0.34 10.31	29.12 0.50 3.49	35.49 0.96 0.09	37.50 1.04 0.00	28.29 1.05 6.79	36.32 1.45 6.83	44.17 1.67 0.21	49.70 1.93 -0.21	49.10 2.00 0.00	47.30 2.27 0.00	53.65 2.53 0.00	56.26 2.14 0.00	51.94 1.77 0.00	53.69 1.27 0.00	39.84 0.93 0.00	30.70 0.74 0.40
WEST BABYLON___IC 23714	59.74 5.17 0.00	54.85 4.01 0.00	49.05 3.43 0.00	49.90 3.25 0.00	56.11 3.04 0.00	55.07 2.73 0.00	54.21 2.47 0.00	49.45 2.62 0.00	67.88 1.87 -39.58	50.50 2.58 -15.80	43.77 3.75 -5.40	40.35 3.89 0.00	64.28 3.75 -26.50	66.08 4.97 -19.41	50.22 5.13 -2.38	55.17 5.49 -2.12	51.78 4.68 0.00	49.64 4.61 0.00	56.22 5.10 0.00	58.24 4.13 0.00	53.73 3.56 0.00	55.77 3.36 0.00	42.11 3.20 0.00	34.43 2.55 -1.54
WEST CANADA___HYD 24049	54.86 0.29 0.00	51.04 0.21 0.00	45.85 0.23 0.00	46.92 0.28 0.00	53.39 0.31 0.00	52.62 0.28 0.00	51.89 0.16 0.00	46.92 0.09 0.00	26.51 0.08 0.00	32.22 0.11 0.00	34.73 0.11 0.00	36.53 0.08 0.00	34.10 0.07 0.00	41.79 0.08 0.00	42.81 0.10 0.00	47.66 0.10 0.00	47.20 0.10 0.00	45.21 0.18 0.00	51.33 0.20 0.00	54.25 0.14 0.00	50.32 0.15 0.00	52.50 0.09 0.00	38.98 0.08 0.00	30.44 0.09 0.00
WESTERN_NY_WIND 24143	53.70 -0.87 0.00	50.04 -0.80 0.00	44.78 -0.84 0.00	45.45 -1.20 0.00	52.02 -1.05 0.00	51.60 -0.75 0.00	50.54 -1.20 0.00	44.96 -1.87 0.00	25.16 -1.27 0.00	30.68 -1.43 0.00	33.06 -1.57 0.00	35.35 -1.11 0.00	32.90 -1.13 0.00	40.10 -1.60 0.00	40.86 -1.85 0.00	45.92 -1.64 0.00	45.99 -1.11 0.00	43.74 -1.29 0.00	49.72 -1.41 0.00	52.55 -1.57 0.00	48.61 -1.56 0.00	50.06 -2.35 0.00	36.89 -2.01 0.01	28.82 -1.53 0.00
WESTOVER___LESR 323668	54.47 -0.10 0.00	50.63 -0.23 -0.02	45.50 -0.12 0.00	46.53 -0.12 0.00	53.02 -0.05 0.00	52.28 -0.07 0.00	51.44 -0.29 0.00	46.33 -0.50 0.00	26.23 -0.20 0.00	31.93 -0.18 0.00	34.62 0.00 0.00	36.54 0.09 0.00	34.15 0.12 0.00	41.96 0.26 0.00	42.96 0.25 0.00	47.94 0.38 0.00	47.58 0.48 0.00	45.60 0.57 0.00	51.72 0.59 0.00	54.43 0.32 0.00	50.27 0.11 0.00	52.14 -0.28 0.00	38.67 -0.23 0.00	30.23 -0.12 0.00
WETHRSFD_WT_PWR 323626	51.96 -2.61 0.00	48.57 -2.26 0.00	43.78 -1.84 0.00	44.59 -2.05 0.00	51.07 -2.00 0.00	50.56 -1.78 0.00	49.61 -2.12 0.00	44.11 -2.72 0.00	24.68 -1.75 0.00	30.20 -1.91 0.00	32.74 -1.88 0.00	34.81 -1.65 0.00	32.56 -1.47 0.00	39.87 -1.84 0.00	40.59 -2.13 0.00	45.55 -2.01 0.00	45.55 -1.55 0.00	43.41 -1.62 0.00	49.20 -1.93 0.00	51.96 -2.16 0.00	48.05 -2.11 0.00	49.49 -2.93 0.00	36.51 -2.37 0.02	28.63 -1.72 0.00
WHAVSTOR_138KV_BK127 55557	57.60 3.03 0.00	53.11 2.27 0.00	47.67 2.05 0.00	48.74 2.09 0.00	54.95 1.88 0.00	54.01 1.67 0.00	53.12 1.38 0.00	48.27 1.44 0.00	-30.28 1.11 57.82	14.04 1.51 19.58	36.27 2.16 0.51	38.85 2.39 0.00	34.89 2.32 1.46	45.73 2.99 -1.04	46.54 3.19 -0.64	52.45 3.50 -1.39	50.56 3.47 0.00	48.51 3.48 0.00	54.67 3.54 0.00	57.02 2.91 0.00	52.69 2.52 0.00	54.54 2.12 0.00	40.66 1.76 0.00	29.70 1.60 2.25
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	57.60 3.03 0.00	53.11 2.27 0.00	47.67 2.05 0.00	48.74 2.09 0.00	54.95 1.88 0.00	54.01 1.67 0.00	53.12 1.38 0.00	48.27 1.44 0.00	-30.28 1.11 57.82	14.04 1.51 19.58	36.27 2.16 0.51	38.85 2.39 0.00	34.89 2.32 1.46	45.73 2.99 -1.04	46.54 3.19 -0.64	52.45 3.50 -1.39	50.56 3.47 0.00	48.51 3.48 0.00	54.67 3.54 0.00	57.02 2.91 0.00	52.69 2.52 0.00	54.54 2.12 0.00	40.66 1.76 0.00	29.70 1.60 2.25
WHITEHAL_115KV_TB1 80871	58.76 4.18 0.00	54.01 3.17 0.00	48.55 2.93 0.00	49.83 3.18 0.00	56.59 3.52 0.00	55.63 3.28 0.00	54.63 2.90 0.00	49.20 2.37 0.00	27.54 1.11 0.00	33.12 1.01 0.00	35.47 0.85 0.00	37.21 0.75 0.00	34.53 0.50 0.00	42.05 0.43 0.07	43.37 0.71 0.05	48.62 1.16 0.10	48.59 1.49 0.00	47.30 2.26 0.00	54.23 3.11 0.00	57.23 3.11 0.00	54.14 3.97 0.00	56.66 4.24 0.00	41.92 3.01 0.00	32.76 2.41 0.00
WHITEPLN_13_KV_LOAD 356215	58.76 4.19 0.00	54.13 3.29 0.00	48.59 2.97 0.00	49.63 2.98 0.00	55.94 2.88 0.00	54.98 2.63 0.00	54.11 2.38 0.00	49.22 2.39 0.00	69.45 1.67 -41.35	48.32 2.20 -14.00	37.90 2.92 -0.36	39.65 3.19 0.00	38.17 3.10 -1.04	47.08 3.93 -1.46	47.75 4.15 -0.90	54.10 4.60 -1.95	51.68 4.58 0.00	49.56 4.53 0.00	55.82 4.70 0.00	58.15 4.04 0.00	53.72 3.55 0.00	55.57 3.16 0.00	41.44 2.54 0.00	34.05 2.09 -1.61
WM_FLOYD_69_KV_BK2 356380	58.97 4.40 0.00	54.07 3.23 0.00	48.33 2.71 0.01	49.12 2.47 0.00	55.22 2.15 0.00	54.21 1.86 0.00	53.38 1.65 0.00	48.75 1.92 0.00	67.45 1.44 -39.58	49.99 2.08 -15.80	43.32 3.30 -5.40	39.88 3.42 0.00	63.69 3.20 -26.46	65.57 4.46 -19.41	49.64 4.55 -2.38	54.44 4.76 -2.12	50.99 3.89 0.00	48.94 3.90 0.00	55.58 4.45 0.00	57.57 3.45 0.00	53.03 2.86 0.00	55.04 2.62 0.00	41.60 2.70 0.00	34.04 2.15 -1.54
WOODARD___115KV_TB2 355635	53.82 -0.75 0.00	50.09 -0.78 -0.03	44.88 -0.74 0.00	45.81 -0.84 0.00	52.15 -0.92 0.00	51.46 -0.89 0.00	50.74 -0.99 0.00	45.85 -0.97 0.00	25.86 -0.58 0.00	31.47 -0.64 0.00	33.96 -0.66 0.00	35.78 -0.68 0.00	33.37 -0.66 0.00	40.97 -0.73 0.00	41.96 -0.75 0.00	46.81 -0.74 0.00	46.50 -0.60 0.00	44.57 -0.47 0.00	50.63 -0.50 0.00	53.49 -0.63 0.00	49.50 -0.67 0.00	51.47 -0.95 0.00	38.12 -0.78 0.00	29.75 -0.60 0.00
WOODMERE_69_KV_BK1 55827	59.27 4.70 0.00	54.58 3.74 0.00	48.97 3.34 -0.01	50.07 3.43 0.00	56.34 3.28 0.00	55.33 2.99 0.00	54.38 2.65 0.00	49.52 2.69 0.00	67.90 1.89 -39.58	50.52 2.60 -15.80	43.61 3.59 -5.40	40.24 3.78 0.00	64.75 3.70 -27.02	65.76 4.64 -19.41	49.99 4.90 -2.38	54.95 5.27 -2.12	51.87 4.77 0.00	49.62 4.59 0.00	55.95 4.83 0.00	58.06 3.95 0.00	53.71 3.54 0.00	55.87 3.45 0.00	41.97 3.07 0.00	34.44 2.55 -1.54
YORK___WARBASSE 23770	57.93 3.35 0.00	53.36 2.53 0.00	47.93 2.31 0.00	49.01 2.36 0.00	55.11 2.04 0.00	54.10 1.76 0.00	53.33 1.60 0.00	48.63 1.80 0.00	67.58 1.42 -39.73	47.50 1.93 -13.46	37.75 2.78 -0.35	39.46 3.01 0.00	38.05 3.01 -1.00	47.06 3.78 -1.57	47.81 4.13 -0.97	54.12 4.46 -2.10	51.46 4.37 0.00	49.28 4.25 0.00	55.31 4.19 0.00	57.63 3.51 0.00	53.29 3.12 0.00	55.13 2.71 0.00	41.32 2.42 0.00	33.98 2.08 -1.54